

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100722\
 Data File : VN074823.D
 Acq On : 07 Oct 2022 19:57
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/10/2022
 Supervised By : Mahesh Dadoda 10/10/2022

Quant Time: Oct 08 03:57:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 05:37:50 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.235	168	261324	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	482566	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	532986	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	353098	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	331693	53.569	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.140%			
35) Dibromofluoromethane	8.177	113	262662	53.872	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.740%			
50) Toluene-d8	10.571	98	1120297	53.549	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.100%			
62) 4-Bromofluorobenzene	12.853	95	351996	55.349	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.700%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.148	85	252307	47.079	ug/l	95
3) Chloromethane	2.377	50	362250	45.452	ug/l	96
4) Vinyl Chloride	2.530	62	558250	56.572	ug/l	94
5) Bromomethane	2.936	94	432071	62.093	ug/l	97
6) Chloroethane	3.112	64	427153	58.504	ug/l	100
7) Trichlorofluoromethane	3.506	101	378574	48.677	ug/l	97
8) Diethyl Ether	3.983	74	180041	44.376	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.389	101	226420	47.522	ug/l	99
10) Methyl Iodide	4.612	142	285541	49.561	ug/l	99
11) Tert butyl alcohol	5.565	59	459191	221.426	ug/l	100
12) 1,1-Dichloroethene	4.359	96	226801	44.719	ug/l	90
13) Acrolein	4.200	56	139431	292.531	ug/l	97
14) Allyl chloride	5.042	41	491286	47.132	ug/l	98
15) Acrylonitrile	5.742	53	1120580	247.745	ug/l	99
16) Acetone	4.453	43	865555	246.672	ug/l	96
17) Carbon Disulfide	4.730	76	602652	43.482	ug/l	98
18) Methyl Acetate	5.053	43	641966	49.415	ug/l	97
19) Methyl tert-butyl Ether	5.824	73	954725	48.386	ug/l	98
20) Methylene Chloride	5.294	84	295608	53.086	ug/l	97
21) trans-1,2-Dichloroethene	5.806	96	245923	45.330	ug/l	96
22) Diisopropyl ether	6.694	45	1099311	49.655	ug/l	98
23) Vinyl Acetate	6.624	43	4224164	232.282	ug/l	99
24) 1,1-Dichloroethane	6.583	63	553777	48.517	ug/l	98
25) 2-Butanone	7.500	43	1606824	252.319	ug/l	98
26) 2,2-Dichloropropane	7.500	77	396939	42.163	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	313297	48.511	ug/l	98
28) Bromochloromethane	7.824	49	271175	52.655	ug/l	99
29) Tetrahydrofuran	7.853	42	1108873	249.838	ug/l	99
30) Chloroform	7.977	83	541415	51.787	ug/l	92
31) Cyclohexane	8.265	56	499690	46.692	ug/l	96
32) 1,1,1-Trichloroethane	8.183	97	457113	51.296	ug/l	100
36) 1,1-Dichloropropene	8.383	75	387028	49.043	ug/l	100
37) Ethyl Acetate	7.500	43	1606824	50.762	ug/l #	54
38) Carbon Tetrachloride	8.371	117	378237	50.824	ug/l	98
39) Methylcyclohexane	9.606	83	497521	48.666	ug/l	95
40) Benzene	8.618	78	1278095	50.027	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	337395	54.105	ug/l	92
42) 1,2-Dichloroethane	8.682	62	423916	52.862	ug/l	99
43) Isopropyl Acetate	8.700	43	985112	50.360	ug/l	99
44) Trichloroethene	9.353	130	267187	50.215	ug/l	95
45) 1,2-Dichloropropane	9.629	63	355439	51.382	ug/l	99
46) Dibromomethane	9.712	93	214487	52.840	ug/l	93
47) Bromodichloromethane	9.888	83	433073	52.220	ug/l	98
48) Methyl methacrylate	9.606	41	434577	54.112	ug/l #	97
49) 1,4-Dioxane	9.700	88	167257	960.907	ug/l	98
51) 4-Methyl-2-Pentanone	10.453	43	3324278	263.899	ug/l	99
52) Toluene	10.635	92	803728	52.369	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	497518	50.349	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	526566	49.359	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	323268	52.384	ug/l	97
56) Ethyl methacrylate	10.876	69	565574	50.321	ug/l	94
57) 1,3-Dichloropropane	11.165	76	570887	51.328	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	1029978	254.073	ug/l	100
59) 2-Hexanone	11.200	43	2585976	271.405	ug/l	96
60) Dibromochloromethane	11.365	129	324206	53.331	ug/l	99
61) 1,2-Dibromoethane	11.476	107	329052	52.438	ug/l	99
64) Tetrachloroethene	11.106	164	210335	48.613	ug/l	98
65) Chlorobenzene	11.894	112	800420	49.021	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	297045	49.823	ug/l	98
67) Ethyl Benzene	11.965	91	1552992	51.027	ug/l	99
68) m/p-Xylenes	12.076	106	1180266	103.307	ug/l	99
69) o-Xylene	12.406	106	589725	50.312	ug/l	98
70) Styrene	12.418	104	986558	53.390	ug/l	100
71) Bromoform	12.582	173	239912	52.753	ug/l	99
73) Isopropylbenzene	12.700	105	1559742	45.904	ug/l	99
74) N-amyl acetate	12.500	43	873343	42.511	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	573100	52.160	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	449042m	42.608	ug/l	
77) Bromobenzene	12.982	156	322506	53.015	ug/l	96
78) n-propylbenzene	13.041	91	1801547	46.022	ug/l	98
79) 2-Chlorotoluene	13.129	91	1058294	44.584	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	1281752	47.299	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	213934	39.550	ug/l	96
82) 4-Chlorotoluene	13.223	91	1042094	47.367	ug/l	99
83) tert-Butylbenzene	13.441	119	1154195	49.288	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	1296315	47.309	ug/l	98
85) sec-Butylbenzene	13.617	105	1653236	48.582	ug/l	100
86) p-Isopropyltoluene	13.735	119	1335831	50.868	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	629613	46.723	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	633844	49.798	ug/l	99
89) n-Butylbenzene	14.059	91	1155347	49.915	ug/l	98
90) Hexachloroethane	14.335	117	259256	44.154	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	630220	48.563	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	121885	43.278	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	280241	49.368	ug/l	99
94) Hexachlorobutadiene	15.506	225	123554	46.528	ug/l	91
95) Naphthalene	15.647	128	1183488	48.224	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	286238	51.039	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

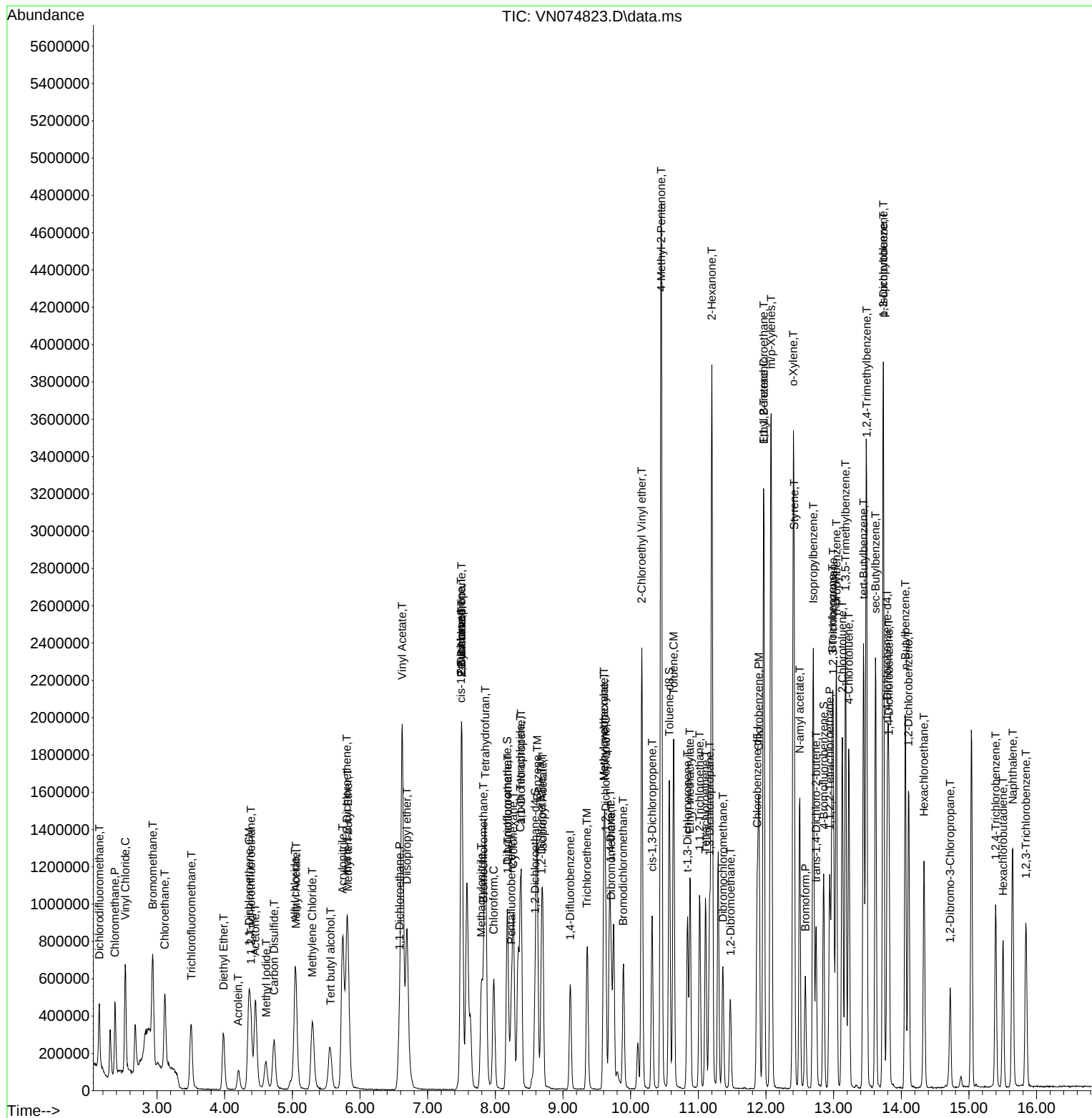
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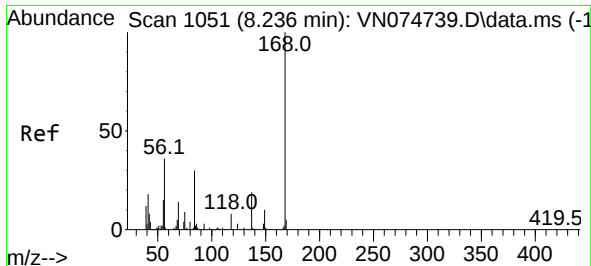
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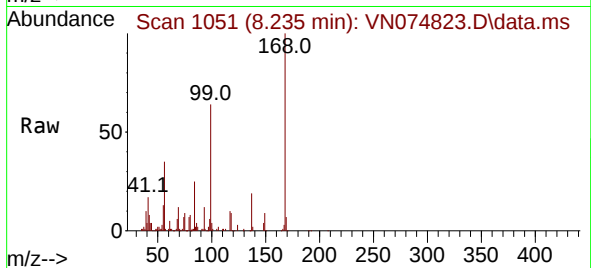
Reviewed By : John Carlone 10/10/2022
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 10
Delta R.T. -0.001 min
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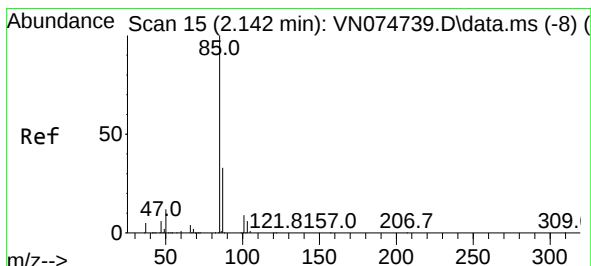
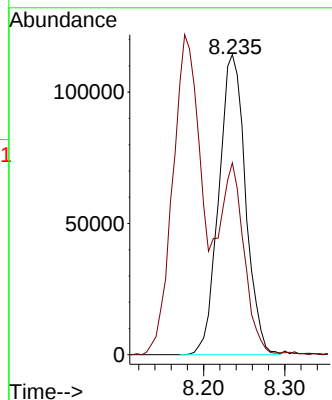
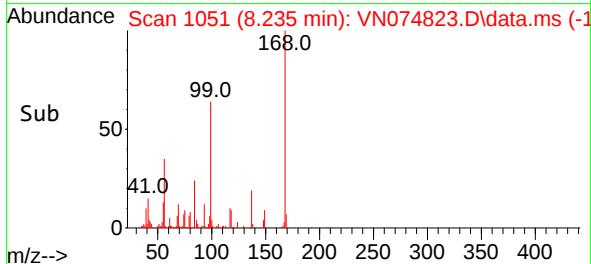
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Tgt Ion:168 Resp: 261324
Ion Ratio Lower Upper
168 100
99 63.3 42.8 64.2

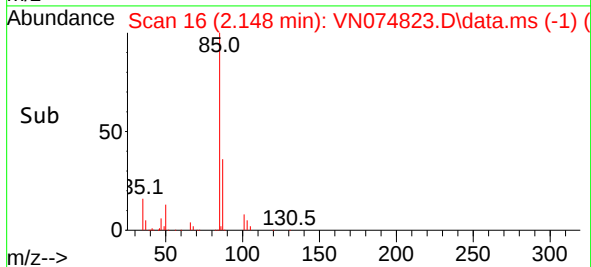
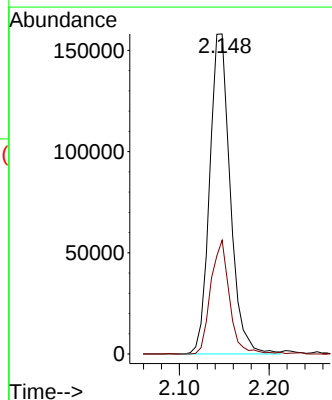
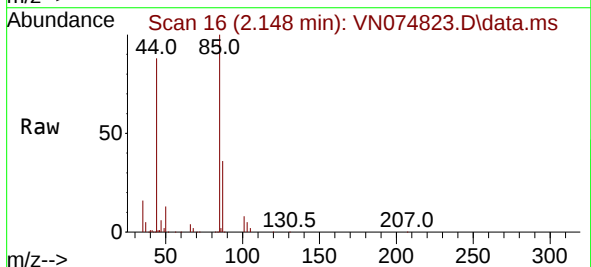
Manual Integrations
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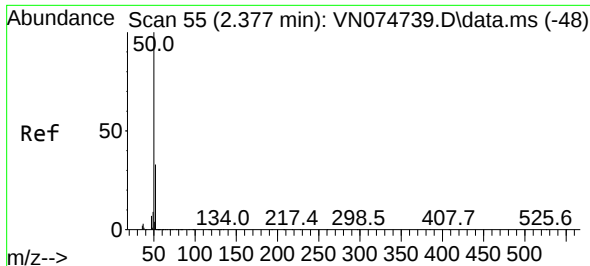
Reviewed By :John Carlone 10/10/2022
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#2
Dichlorodifluoromethane
Concen: 47.079 ug/l
RT: 2.148 min Scan# 16
Delta R.T. 0.006 min
Lab File: VN074823.D
Acq: 07 Oct 2022 19:57

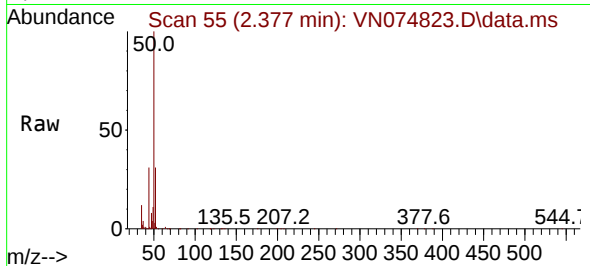
Tgt Ion: 85 Resp: 252307
Ion Ratio Lower Upper
85 100
87 35.5 16.3 48.9





#3
Chloromethane
Concen: 45.452 ug/l
RT: 2.377 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN074823.D
Acq: 07 Oct 2022 19:57

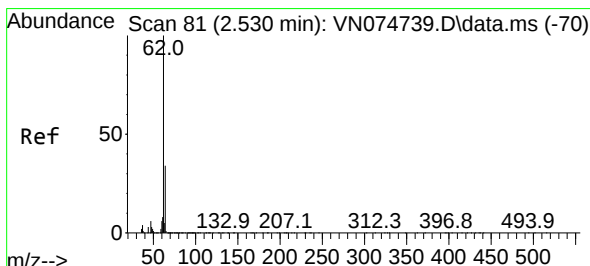
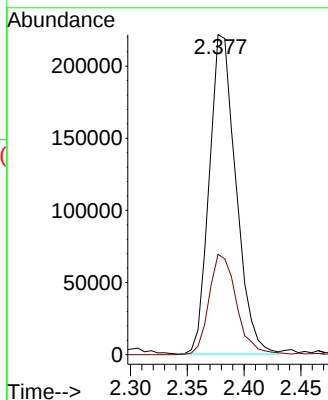
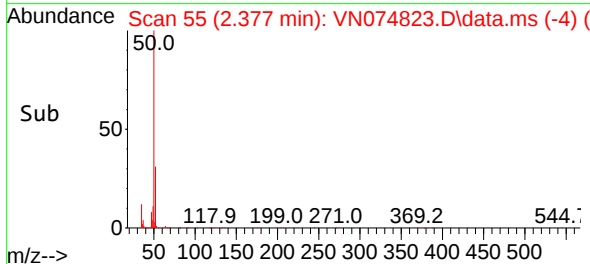
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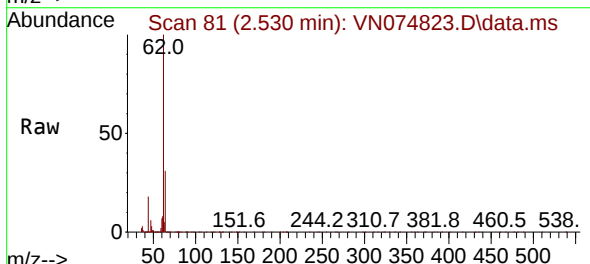
Tgt Ion: 50 Resp: 362250
Ion Ratio Lower Upper
50 100
52 31.3 26.7 40.1

Manual Integrations
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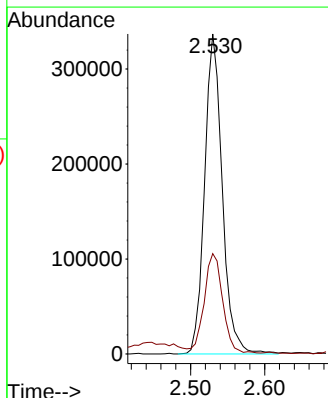
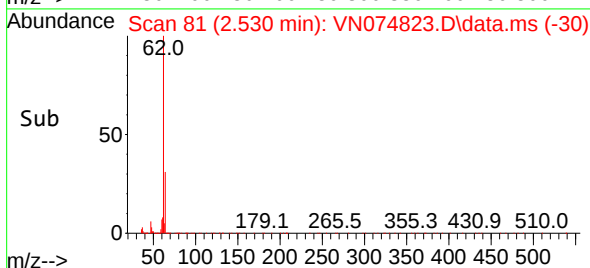
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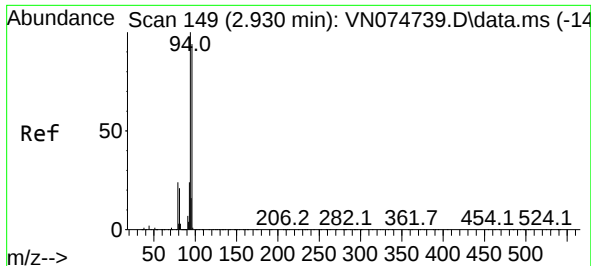


#4
Vinyl Chloride
Concen: 56.572 ug/l
RT: 2.530 min Scan# 81
Delta R.T. -0.000 min
Lab File: VN074823.D
Acq: 07 Oct 2022 19:57



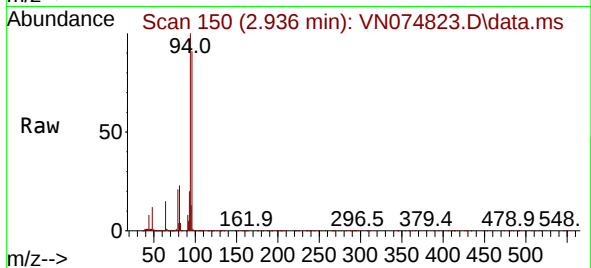
Tgt Ion: 62 Resp: 558250
Ion Ratio Lower Upper
62 100
64 31.1 27.4 41.2





#5
Bromomethane
Concen: 62.093 ug/l
RT: 2.936 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN074823.D
Acq: 07 Oct 2022 19:57

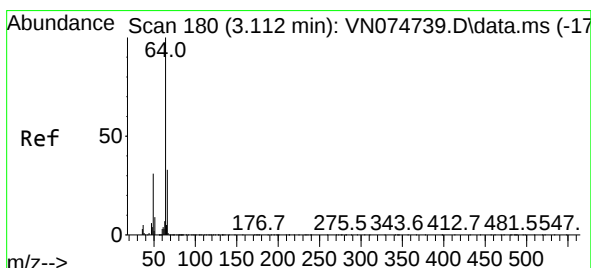
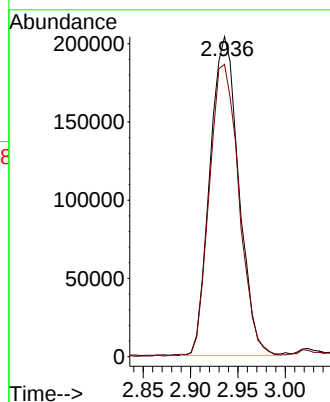
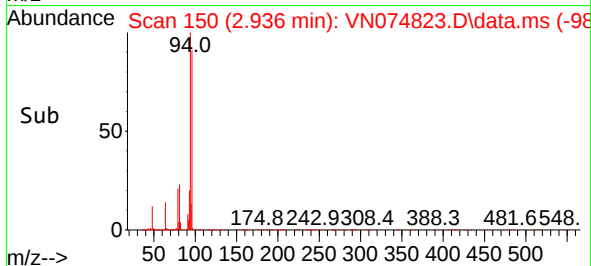
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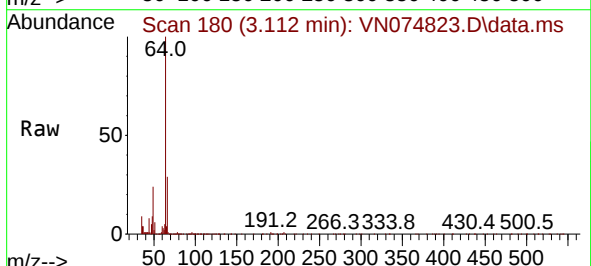
Tgt Ion: 94 Resp: 43207
Ion Ratio Lower Upper
94 100
96 91.1 75.0 112.6

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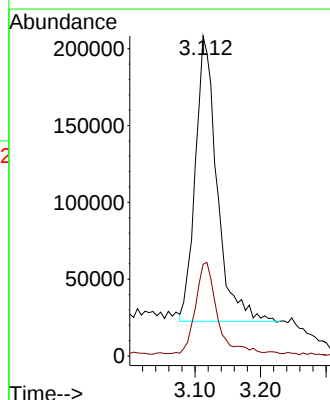
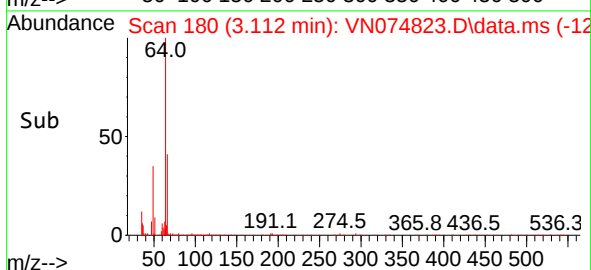
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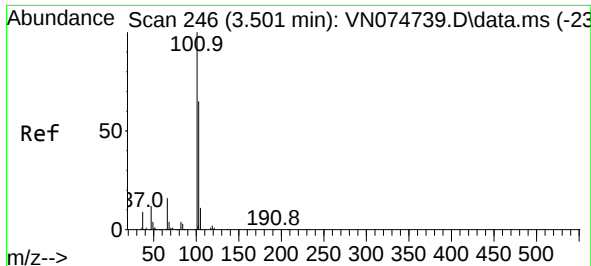


#6
Chloroethane
Concen: 58.504 ug/l
RT: 3.112 min Scan# 180
Delta R.T. -0.000 min
Lab File: VN074823.D
Acq: 07 Oct 2022 19:57



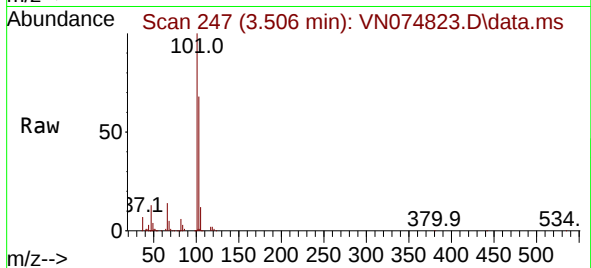
Tgt Ion: 64 Resp: 427153
Ion Ratio Lower Upper
64 100
66 31.3 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 48.677 ug/l
 RT: 3.506 min Scan# 246
 Delta R.T. 0.006 min
 Lab File: VN074823.D
 Acq: 07 Oct 2022 19:57

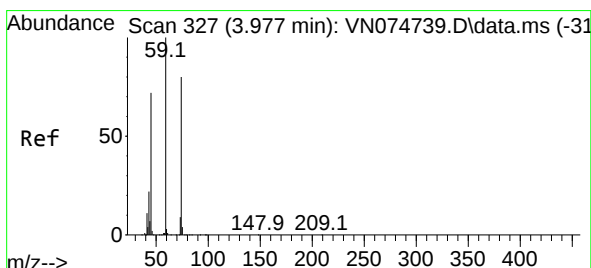
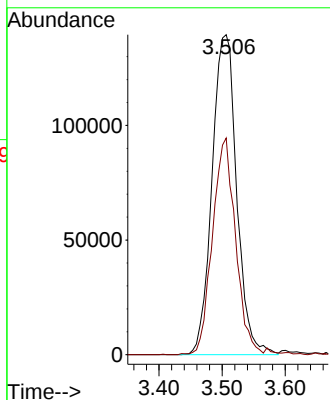
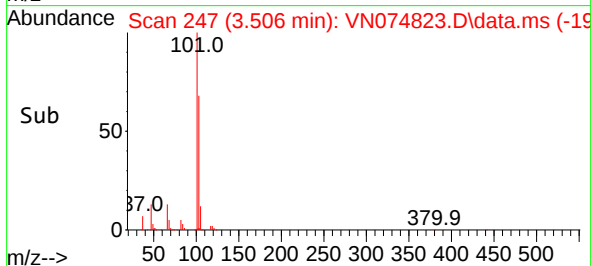
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Tgt Ion:101 Resp: 378574
 Ion Ratio Lower Upper
 101 100
 103 67.7 52.0 78.0

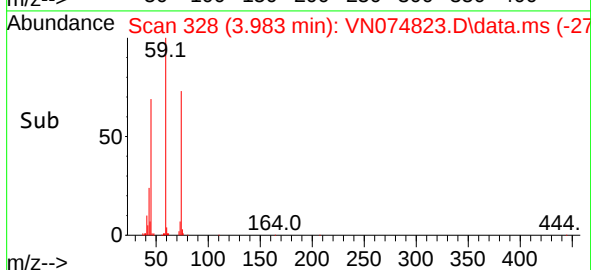
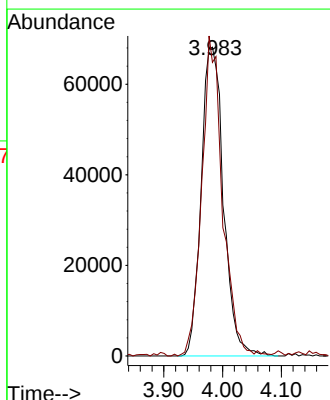
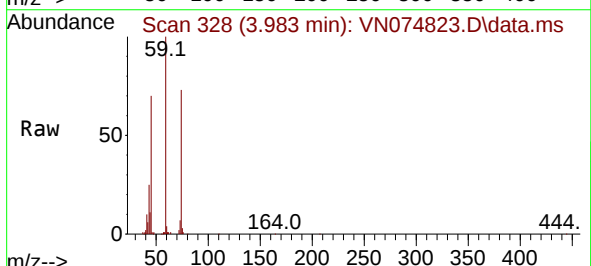
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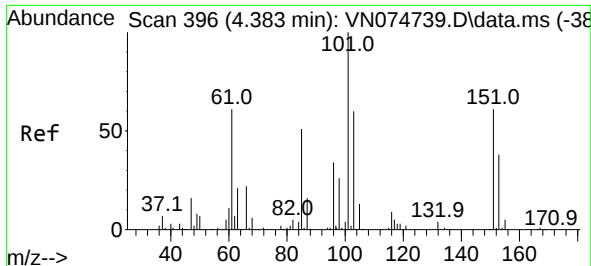
Reviewed By :John Carlone 10/10/2022
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#8
 Diethyl Ether
 Concen: 44.376 ug/l
 RT: 3.983 min Scan# 328
 Delta R.T. 0.006 min
 Lab File: VN074823.D
 Acq: 07 Oct 2022 19:57

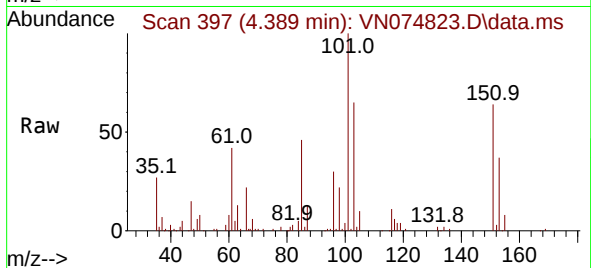
Tgt Ion: 74 Resp: 180041
 Ion Ratio Lower Upper
 74 100
 45 95.8 48.2 144.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.522 ug/l
RT: 4.389 min Scan# 396
Delta R.T. 0.006 min
Lab File: VN074823.D
Acq: 07 Oct 2022 19:57

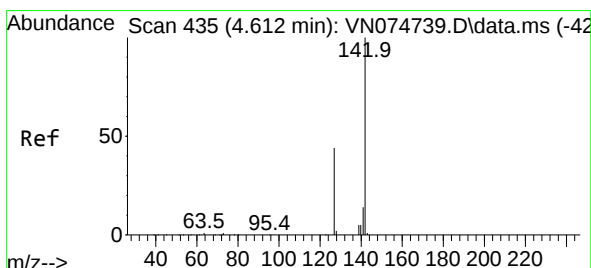
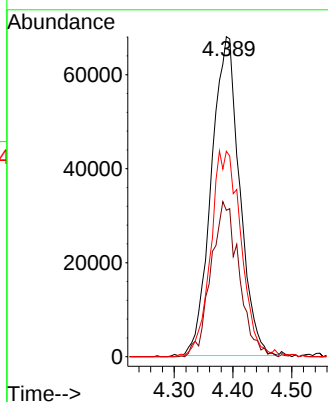
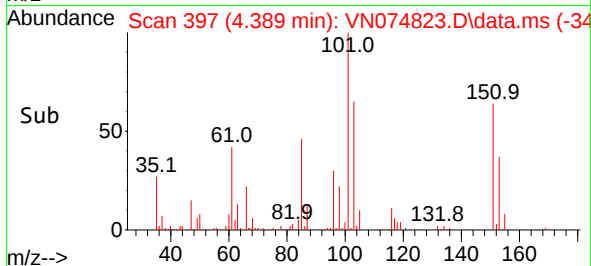
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 226420
Ion Ratio Lower Upper
101 100
85 48.7 37.4 56.0
151 68.9 55.0 82.4

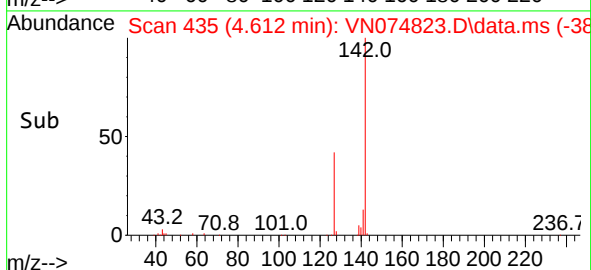
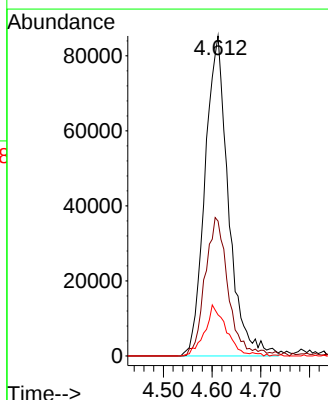
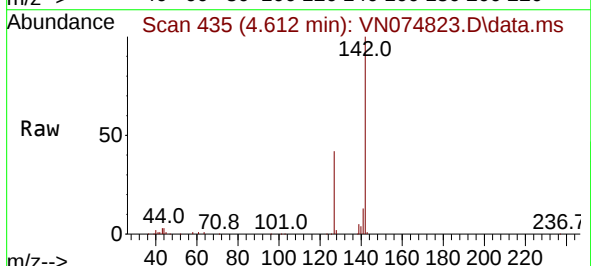
Manual Integrations
APPROVED

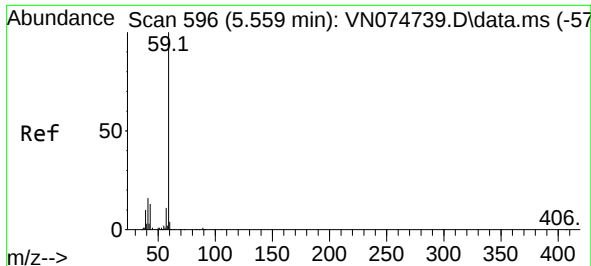
Reviewed By :John Carlone 10/10/2022
Supervised By :Mahesh Dadoda 10/10/2022



#10
Methyl Iodide
Concen: 49.561 ug/l
RT: 4.612 min Scan# 435
Delta R.T. -0.000 min
Lab File: VN074823.D
Acq: 07 Oct 2022 19:57

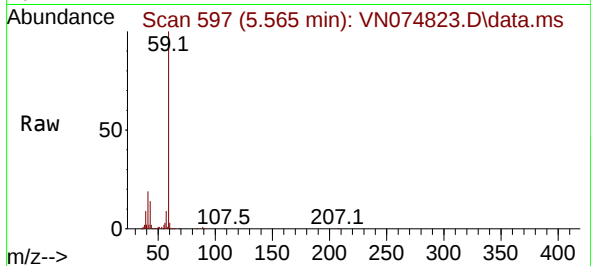
Tgt Ion:142 Resp: 285541
Ion Ratio Lower Upper
142 100
127 42.6 34.4 51.6
141 14.5 11.0 16.6





#11
Tert butyl alcohol
Concen: 221.426 ug/l
RT: 5.565 min Scan# 59
Delta R.T. 0.006 min
Lab File: VN074823.D
Acq: 07 Oct 2022 19:57

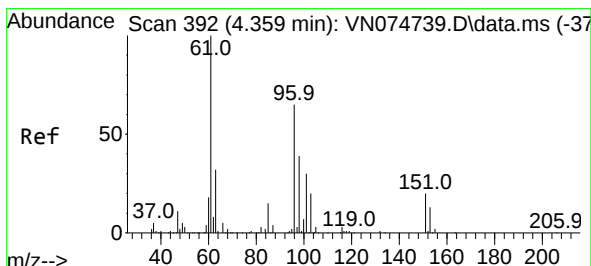
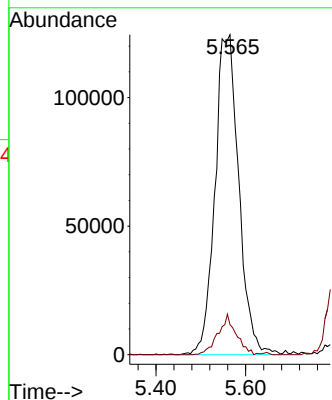
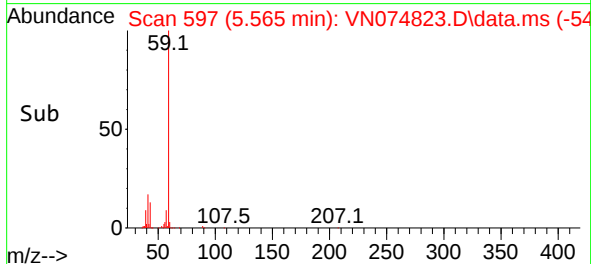
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



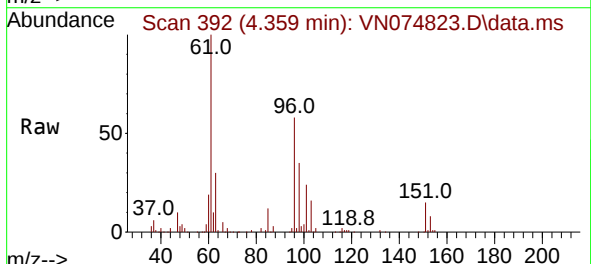
Tgt Ion: 59 Resp: 45919
Ion Ratio Lower Upper
59 100
57 9.6 7.7 11.5

Manual Integrations
APPROVED

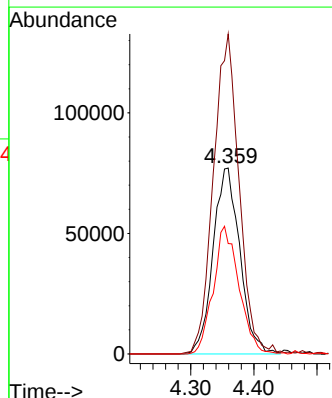
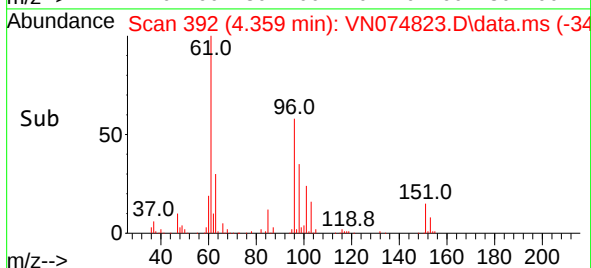
Reviewed By :John Carlone 10/10/2022
Supervised By :Mahesh Dadoda 10/10/2022

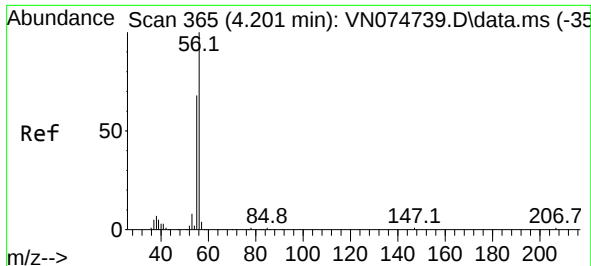


#12
1,1-Dichloroethene
Concen: 44.719 ug/l
RT: 4.359 min Scan# 392
Delta R.T. -0.000 min
Lab File: VN074823.D
Acq: 07 Oct 2022 19:57



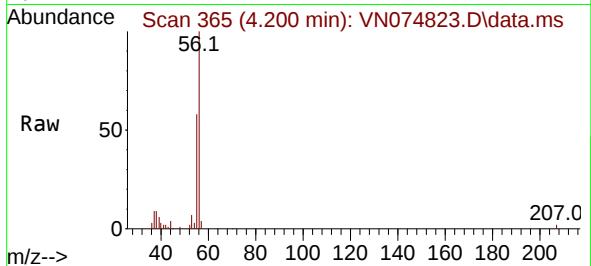
Tgt Ion: 96 Resp: 226801
Ion Ratio Lower Upper
96 100
61 172.2 123.9 185.9
98 59.4 48.8 73.2





#13
Acrolein
Concen: 292.531 ug/l
RT: 4.200 min Scan# 365
Delta R.T. -0.001 min
Lab File: VN074823.D
Acq: 07 Oct 2022 19:57

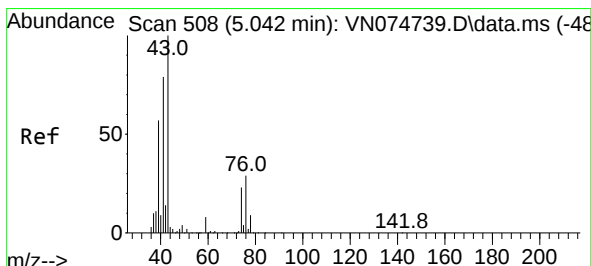
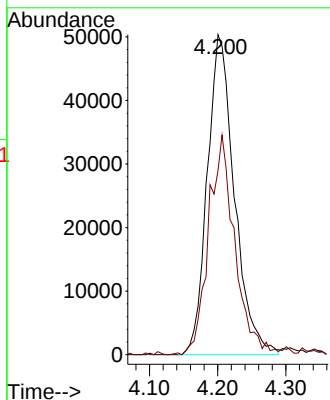
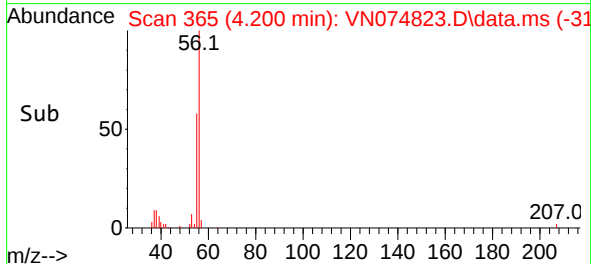
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 13943
Ion Ratio Lower Upper
56 100
55 66.1 54.9 82.3

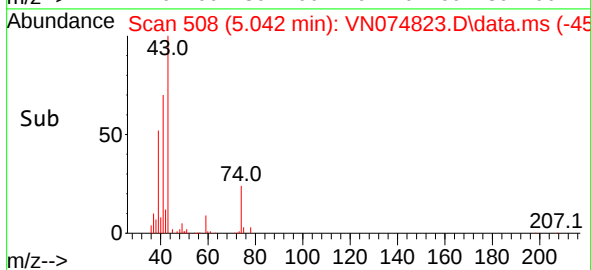
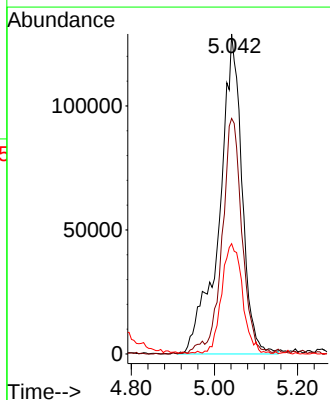
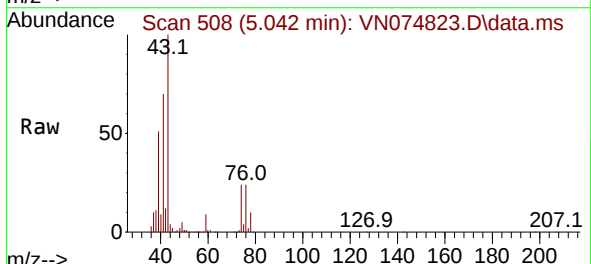
Manual Integrations
APPROVED

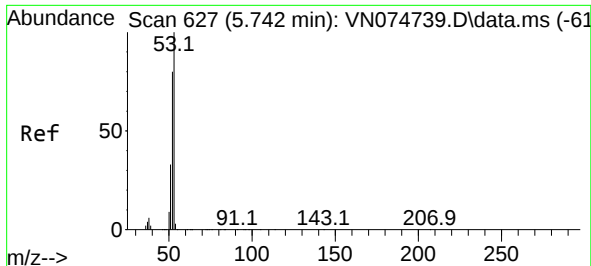
Reviewed By :John Carlone 10/10/2022
Supervised By :Mahesh Dadoda 10/10/2022



#14
Allyl chloride
Concen: 47.132 ug/l
RT: 5.042 min Scan# 508
Delta R.T. -0.000 min
Lab File: VN074823.D
Acq: 07 Oct 2022 19:57

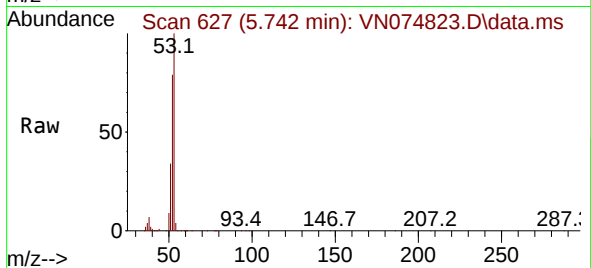
Tgt Ion: 41 Resp: 491286
Ion Ratio Lower Upper
41 100
39 64.1 50.2 75.2
76 31.2 25.6 38.4





#15
Acrylonitrile
Concen: 247.745 ug/l
RT: 5.742 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN074823.D
Acq: 07 Oct 2022 19:57

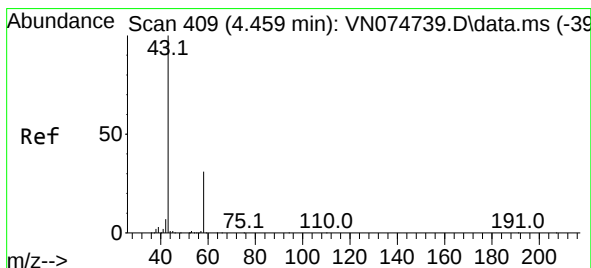
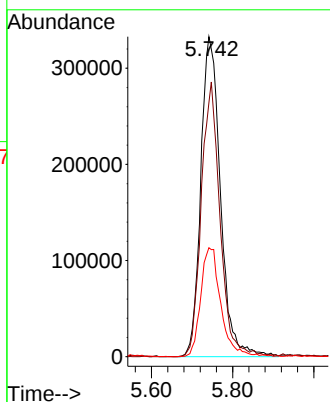
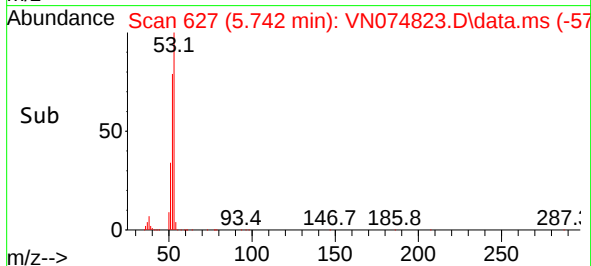
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



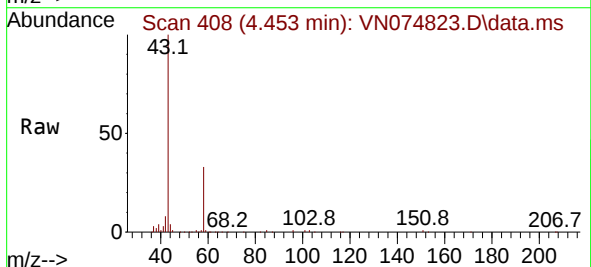
Tgt Ion: 53 Resp: 1120580
Ion Ratio Lower Upper
53 100
52 80.9 64.3 96.5
51 34.9 27.5 41.3

Manual Integrations
APPROVED

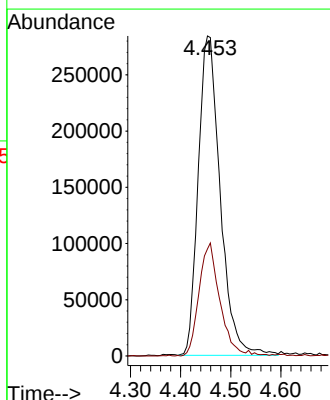
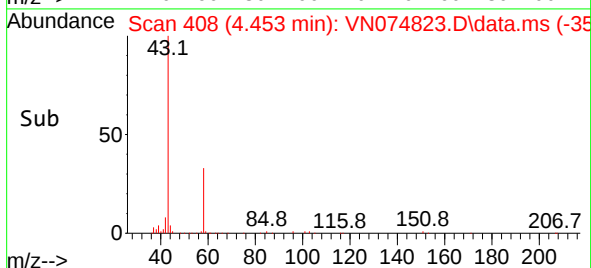
Reviewed By :John Carlone 10/10/2022
Supervised By :Mahesh Dadoda 10/10/2022

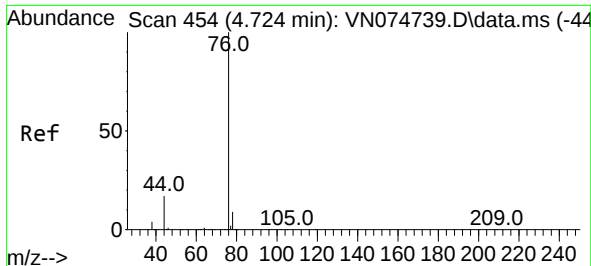


#16
Acetone
Concen: 246.672 ug/l
RT: 4.453 min Scan# 408
Delta R.T. -0.006 min
Lab File: VN074823.D
Acq: 07 Oct 2022 19:57



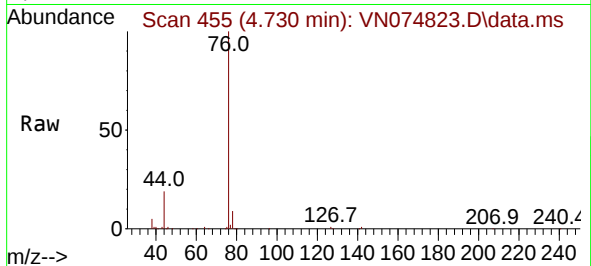
Tgt Ion: 43 Resp: 865555
Ion Ratio Lower Upper
43 100
58 33.3 24.9 37.3





#17
Carbon Disulfide
Concen: 43.482 ug/l
RT: 4.730 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN074823.D
Acq: 07 Oct 2022 19:57

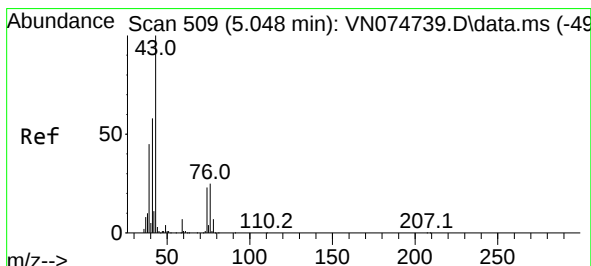
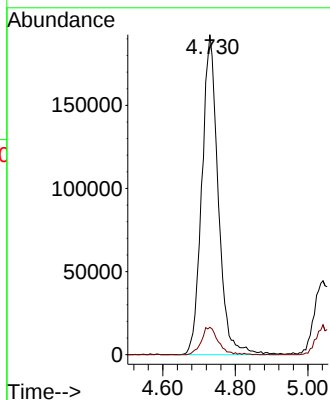
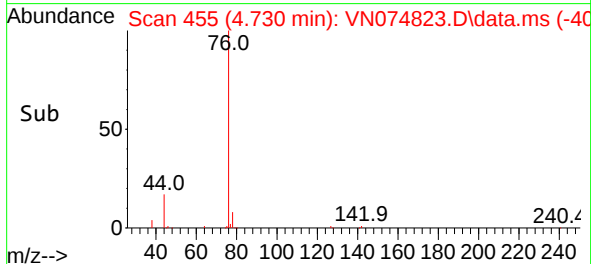
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 602652
Ion Ratio Lower Upper
76 100
78 8.6 7.5 11.3

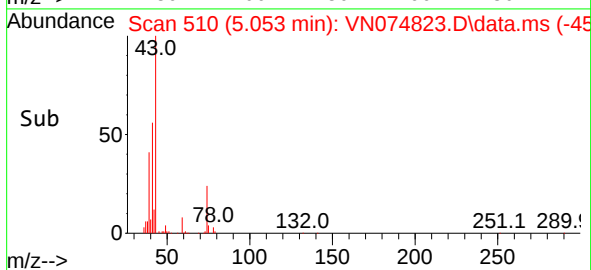
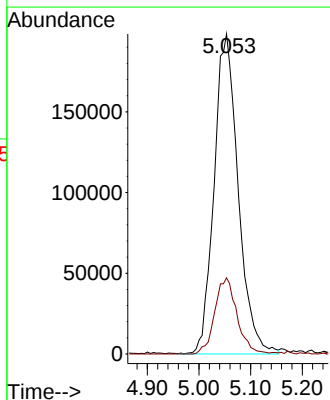
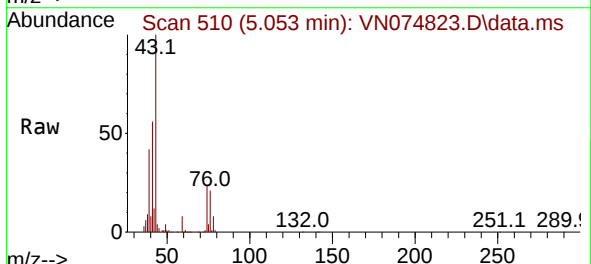
Manual Integrations
APPROVED

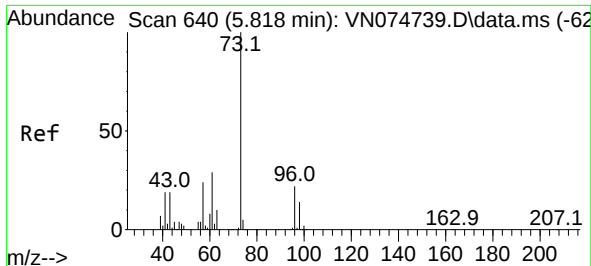
Reviewed By :John Carlone 10/10/2022
Supervised By :Mahesh Dadoda 10/10/2022



#18
Methyl Acetate
Concen: 49.415 ug/l
RT: 5.053 min Scan# 510
Delta R.T. 0.006 min
Lab File: VN074823.D
Acq: 07 Oct 2022 19:57

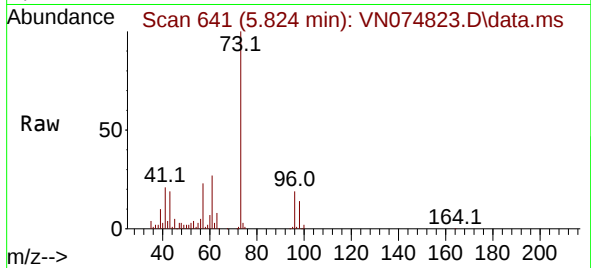
Tgt Ion: 43 Resp: 641966
Ion Ratio Lower Upper
43 100
74 21.9 18.5 27.7





#19
Methyl tert-butyl Ether
Concen: 48.386 ug/l
RT: 5.824 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN074823.D
Acq: 07 Oct 2022 19:57

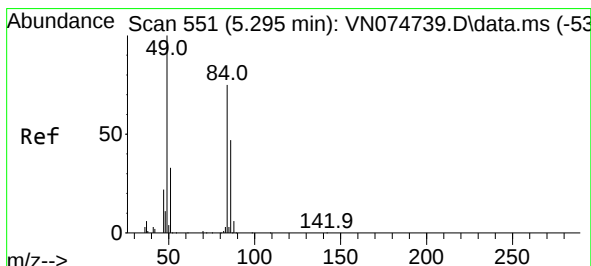
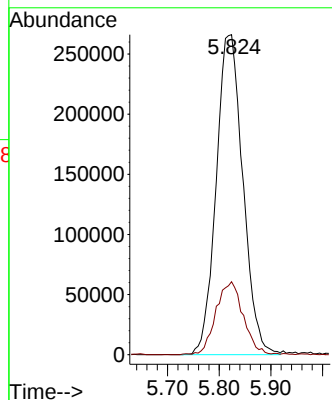
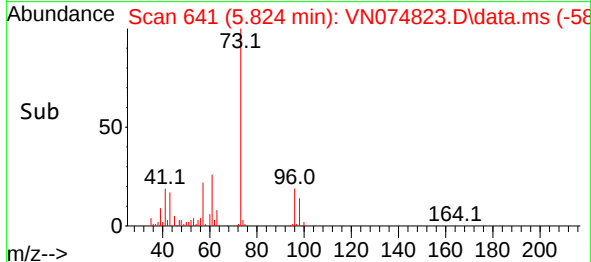
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 95472
Ion Ratio Lower Upper
73 100
57 22.8 19.0 28.4

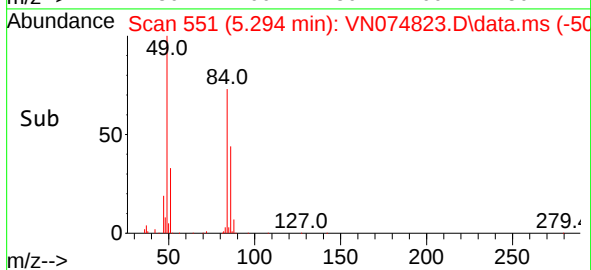
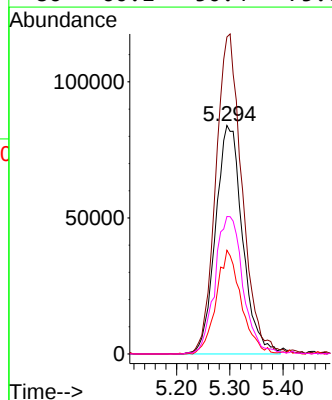
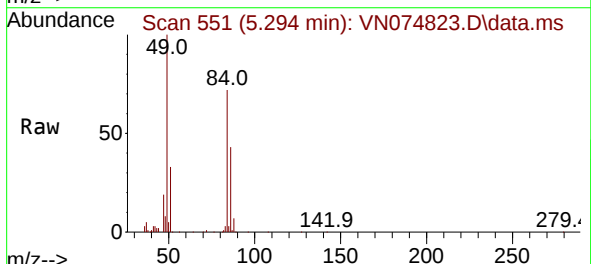
Manual Integrations
APPROVED

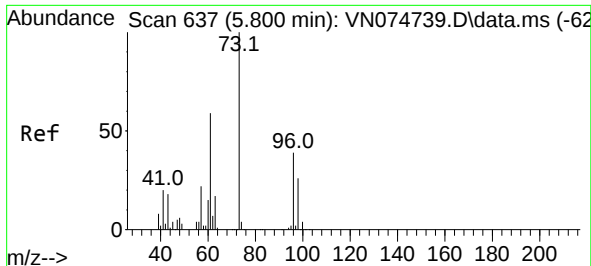
Reviewed By :John Carlone 10/10/2022
Supervised By :Mahesh Dadoda 10/10/2022



#20
Methylene Chloride
Concen: 53.086 ug/l
RT: 5.294 min Scan# 551
Delta R.T. -0.001 min
Lab File: VN074823.D
Acq: 07 Oct 2022 19:57

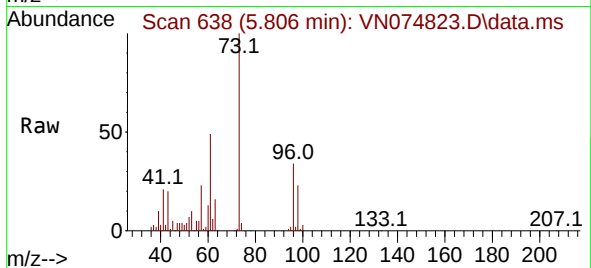
Tgt Ion: 84 Resp: 295608
Ion Ratio Lower Upper
84 100
49 138.7 107.4 161.0
51 45.0 35.1 52.7
86 60.1 50.4 75.6





#21
trans-1,2-Dichloroethene
Concen: 45.330 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN074823.D
Acq: 07 Oct 2022 19:57

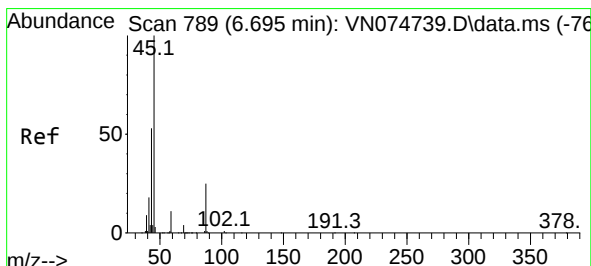
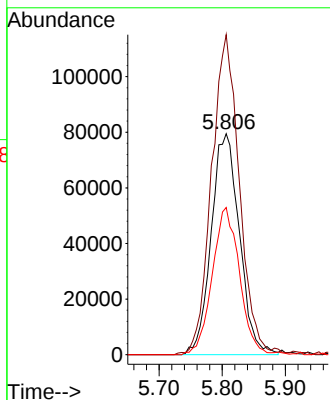
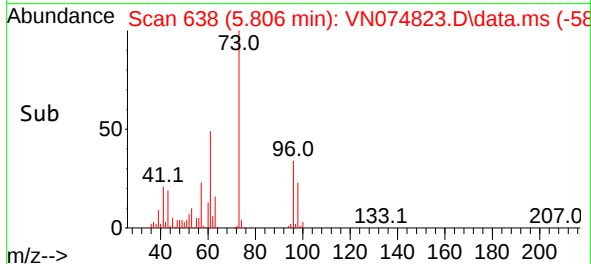
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 24592
Ion Ratio Lower Upper
96 100
61 144.2 121.5 182.3
98 66.7 53.8 80.8

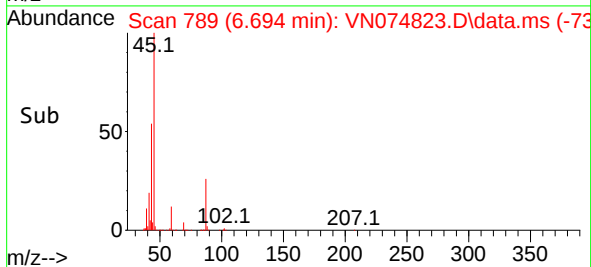
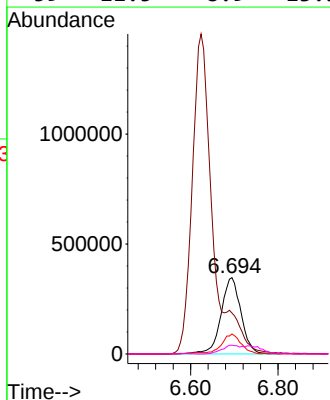
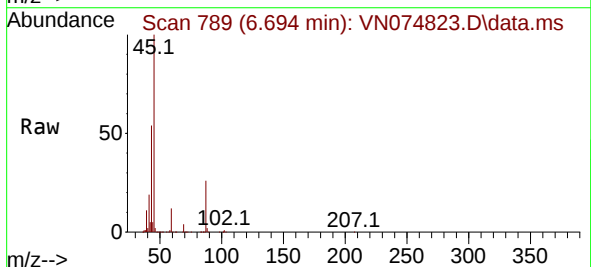
Manual Integrations
APPROVED

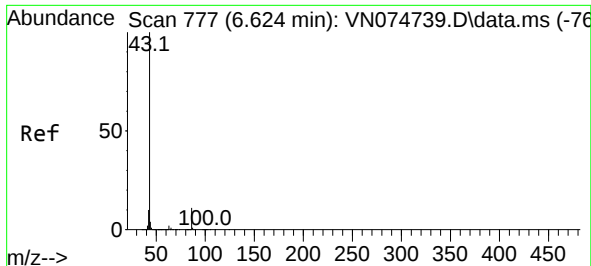
Reviewed By :John Carlone 10/10/2022
Supervised By :Mahesh Dadoda 10/10/2022



#22
Diisopropyl ether
Concen: 49.655 ug/l
RT: 6.694 min Scan# 789
Delta R.T. -0.000 min
Lab File: VN074823.D
Acq: 07 Oct 2022 19:57

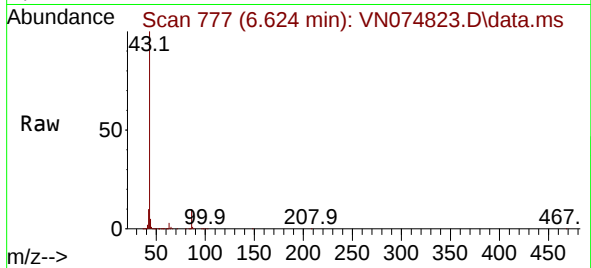
Tgt Ion: 45 Resp: 1099311
Ion Ratio Lower Upper
45 100
43 52.4 42.7 64.1
87 26.2 19.6 29.4
59 11.5 8.9 13.3





#23
 Vinyl Acetate
 Concen: 232.282 ug/l
 RT: 6.624 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VN074823.D
 Acq: 07 Oct 2022 19:57

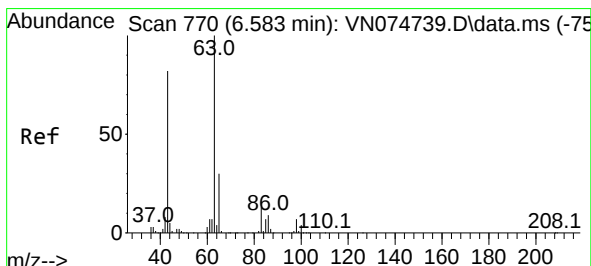
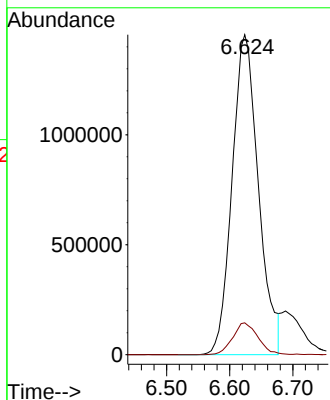
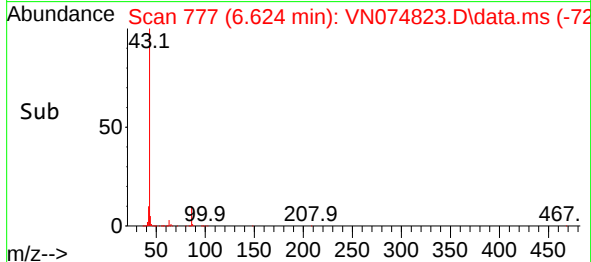
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 422416
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.4 12.6

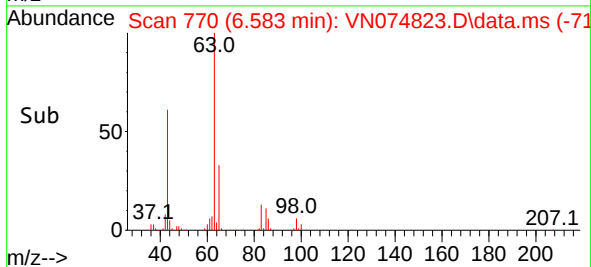
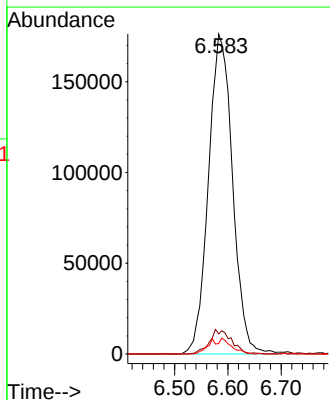
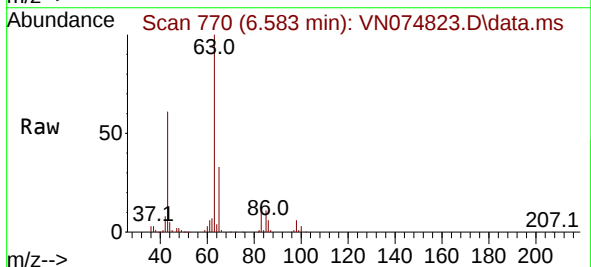
Manual Integrations
 APPROVED

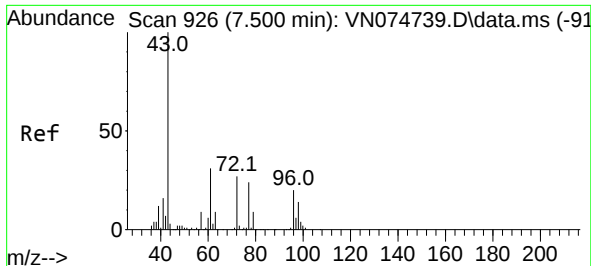
Reviewed By :John Carlone 10/10/2022
 Supervised By :Mahesh Dadoda 10/10/2022



#24
 1,1-Dichloroethane
 Concen: 48.517 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. -0.000 min
 Lab File: VN074823.D
 Acq: 07 Oct 2022 19:57

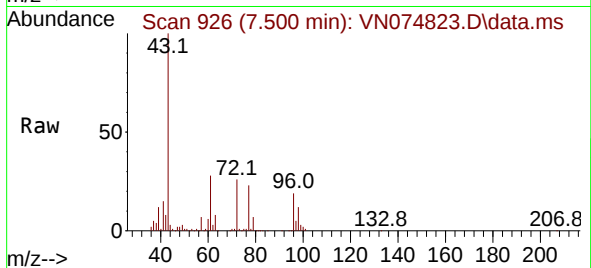
Tgt Ion: 63 Resp: 553777
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.5 10.4
 100 3.3 1.8 5.5





#25
2-Butanone
Concen: 252.319 ug/l
RT: 7.500 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN074823.D
Acq: 07 Oct 2022 19:57

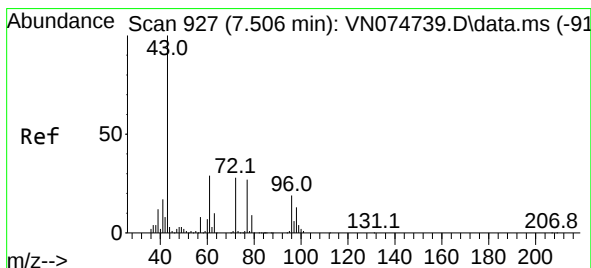
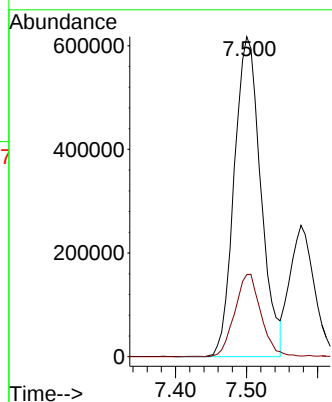
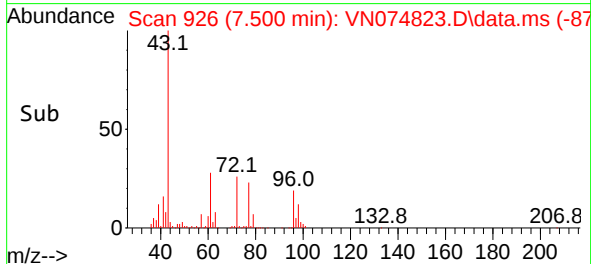
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



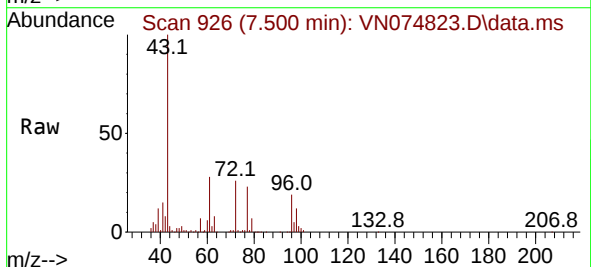
Tgt Ion: 43 Resp: 1606824
Ion Ratio Lower Upper
43 100
72 25.6 21.4 32.0

Manual Integrations
APPROVED

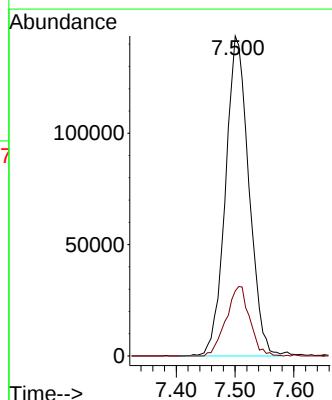
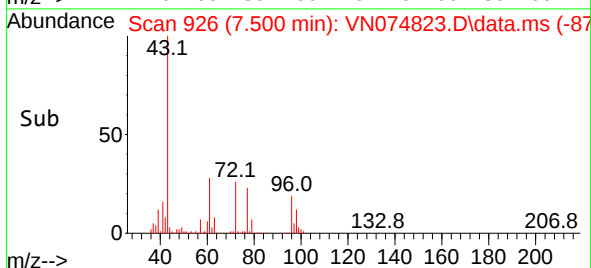
Reviewed By :John Carlone 10/10/2022
Supervised By :Mahesh Dadoda 10/10/2022

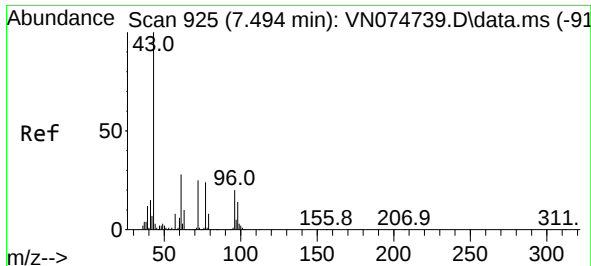


#26
2,2-Dichloropropane
Concen: 42.163 ug/l
RT: 7.500 min Scan# 926
Delta R.T. -0.006 min
Lab File: VN074823.D
Acq: 07 Oct 2022 19:57



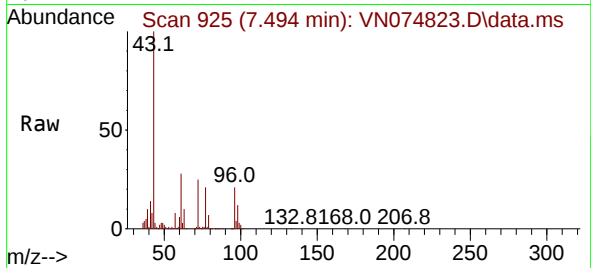
Tgt Ion: 77 Resp: 396939
Ion Ratio Lower Upper
77 100
97 21.9 11.8 35.3





#27
 cis-1,2-Dichloroethene
 Concen: 48.511 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VN074823.D
 Acq: 07 Oct 2022 19:57

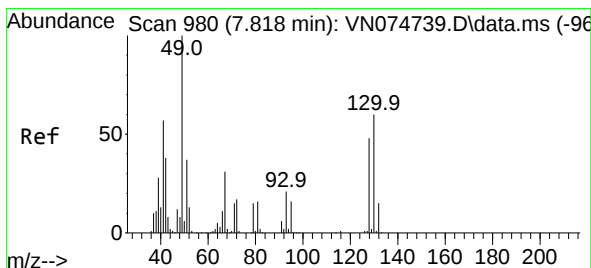
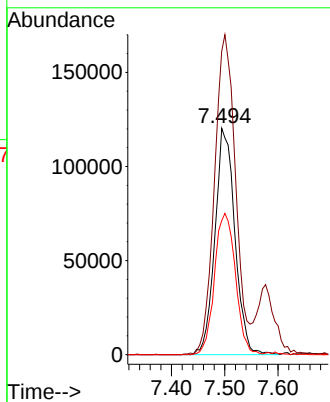
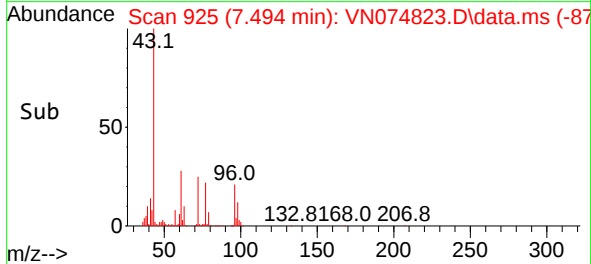
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 31329
 Ion Ratio Lower Upper
 96 100
 61 148.4 0.0 303.2
 98 65.6 0.0 131.0

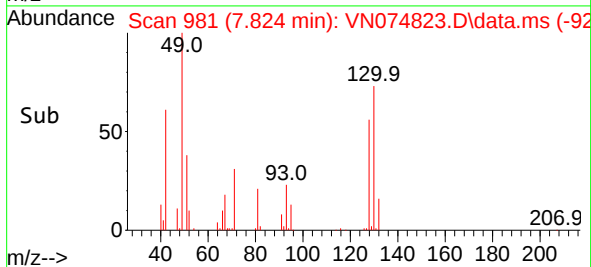
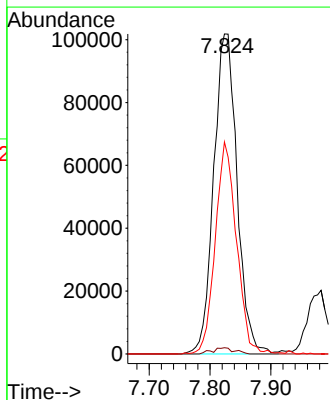
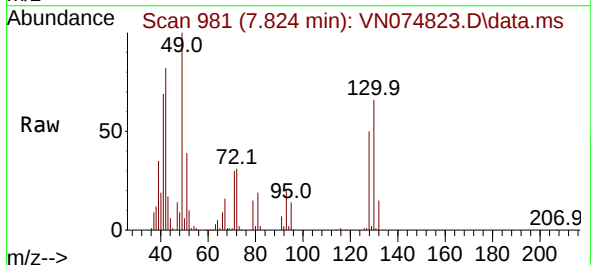
Manual Integrations
 APPROVED

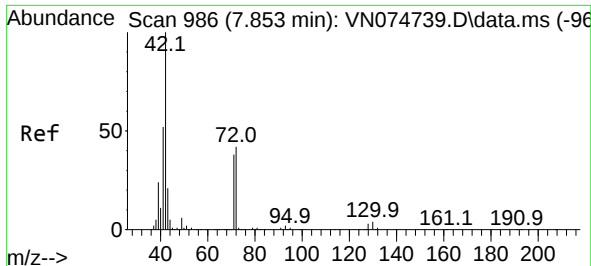
Reviewed By :John Carlone 10/10/2022
 Supervised By :Mahesh Dadoda 10/10/2022



#28
 Bromochloromethane
 Concen: 52.655 ug/l
 RT: 7.824 min Scan# 981
 Delta R.T. 0.006 min
 Lab File: VN074823.D
 Acq: 07 Oct 2022 19:57

Tgt Ion: 49 Resp: 271175
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.4
 130 60.2 49.0 73.4





#29

Tetrahydrofuran

Concen: 249.838 ug/l

RT: 7.853 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN074823.D

Acq: 07 Oct 2022 19:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 110887

Ion Ratio Lower Upper

42 100

72 40.7 33.0 49.6

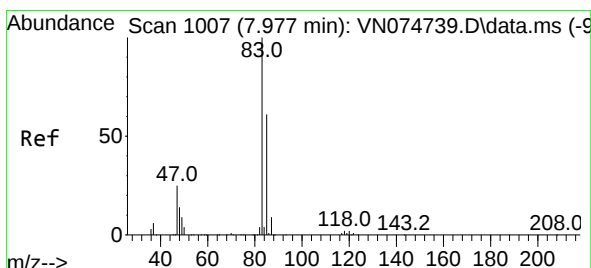
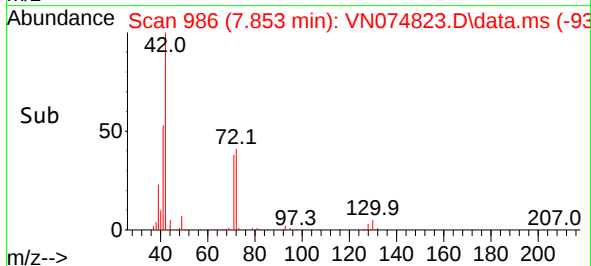
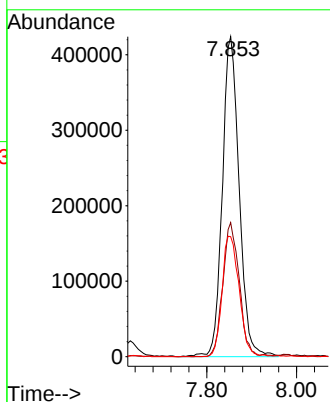
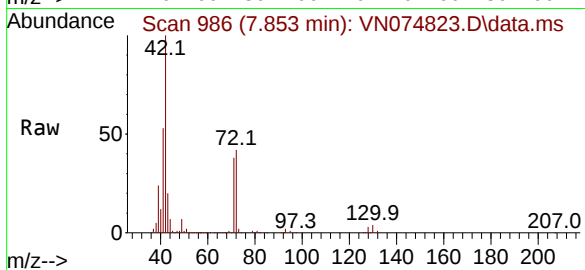
71 38.3 30.4 45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/10/2022

Supervised By :Mahesh Dadoda 10/10/2022



#30

Chloroform

Concen: 51.787 ug/l

RT: 7.977 min Scan# 1007

Delta R.T. -0.000 min

Lab File: VN074823.D

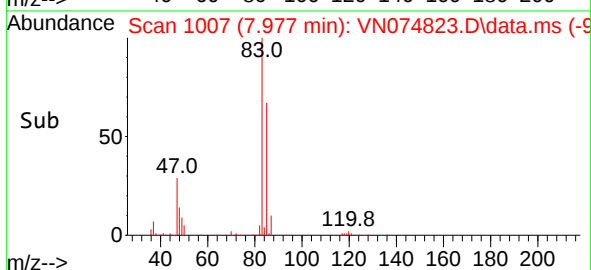
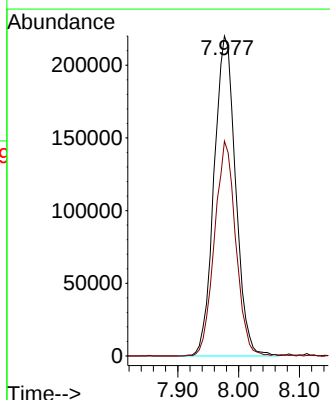
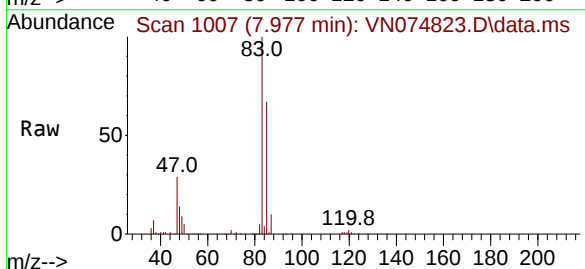
Acq: 07 Oct 2022 19:57

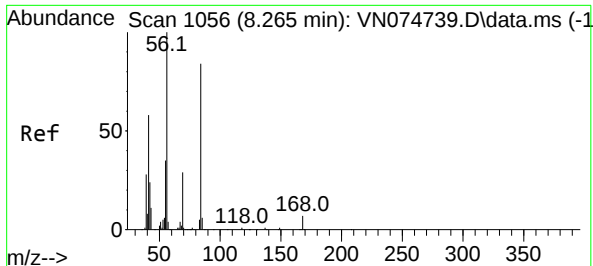
Tgt Ion: 83 Resp: 541415

Ion Ratio Lower Upper

83 100

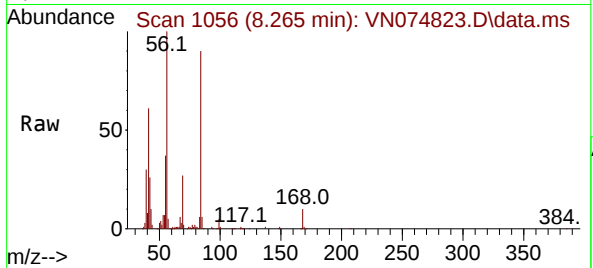
85 67.2 49.0 73.4





#31
Cyclohexane
Concen: 46.692 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN074823.D
Acq: 07 Oct 2022 19:57

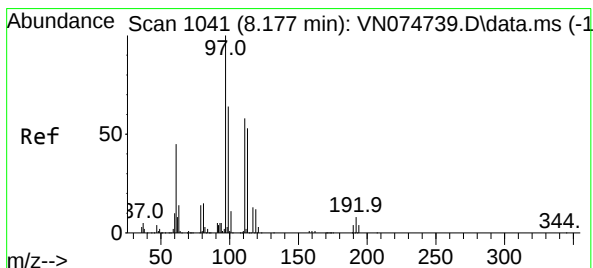
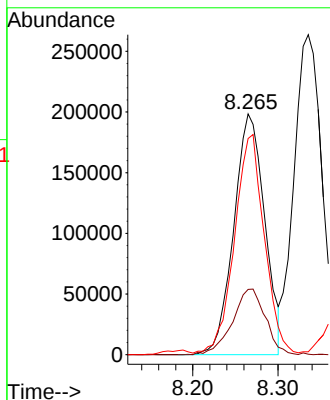
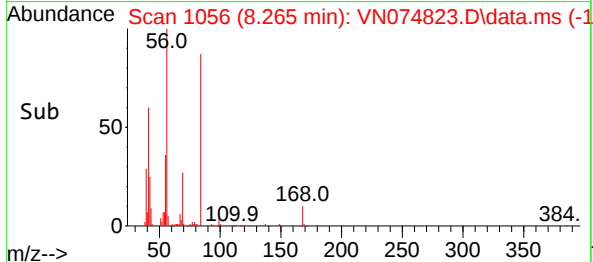
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



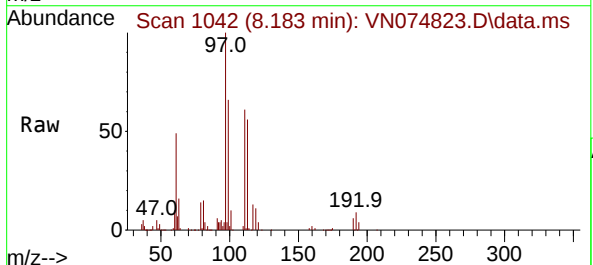
Tgt Ion: 56 Resp: 499690
Ion Ratio Lower Upper
56 100
69 27.1 23.1 34.7
84 88.1 67.1 100.7

Manual Integrations
APPROVED

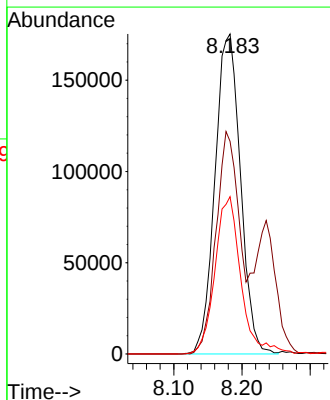
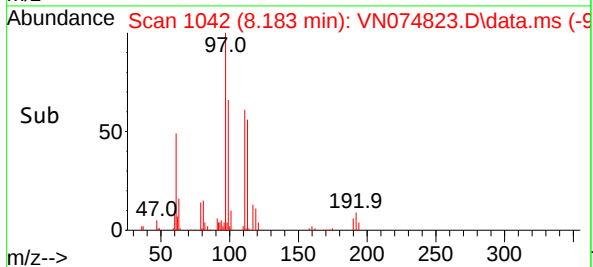
Reviewed By :John Carlone 10/10/2022
Supervised By :Mahesh Dadoda 10/10/2022

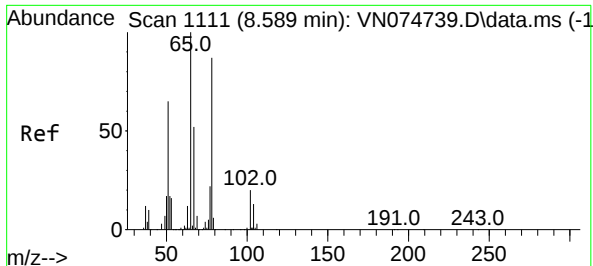


#32
1,1,1-Trichloroethane
Concen: 51.296 ug/l
RT: 8.183 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VN074823.D
Acq: 07 Oct 2022 19:57



Tgt Ion: 97 Resp: 457113
Ion Ratio Lower Upper
97 100
99 62.8 50.7 76.1
61 49.9 39.9 59.9





#33

1,2-Dichloroethane-d4

Concen: 53.569 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. -0.000 min

Lab File: VN074823.D

Acq: 07 Oct 2022 19:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 33169

Ion Ratio Lower Upper

65 100

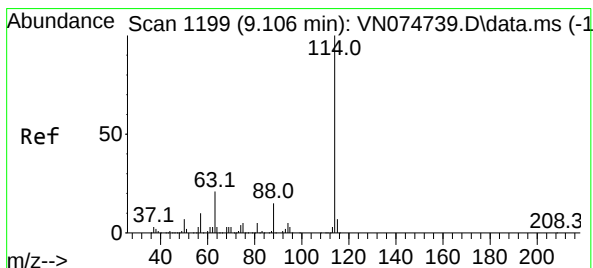
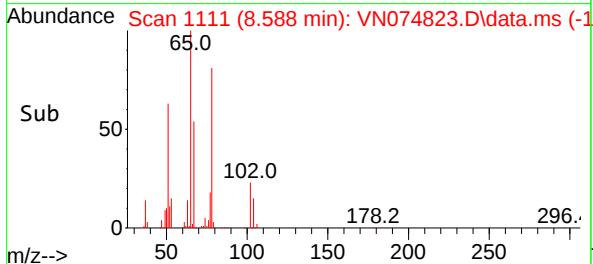
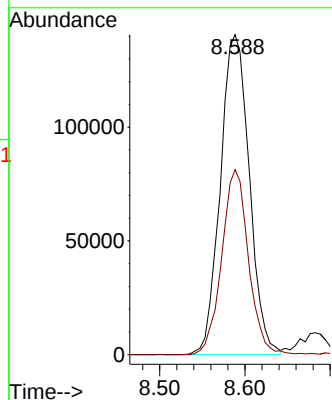
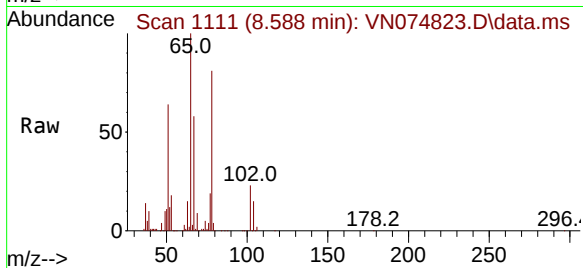
67 53.5 0.0 109.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/10/2022

Supervised By :Mahesh Dadoda 10/10/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN074823.D

Acq: 07 Oct 2022 19:57

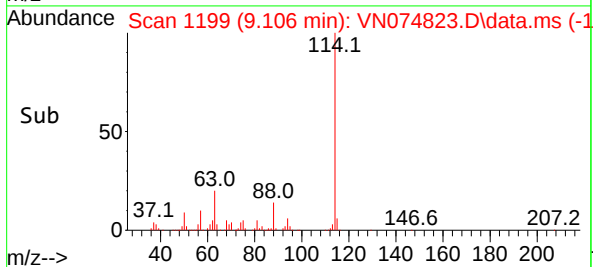
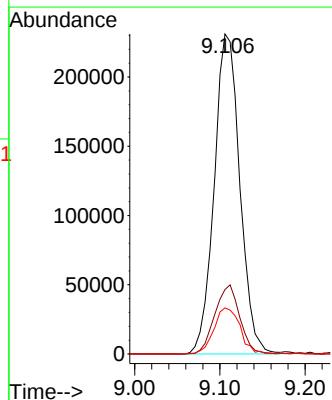
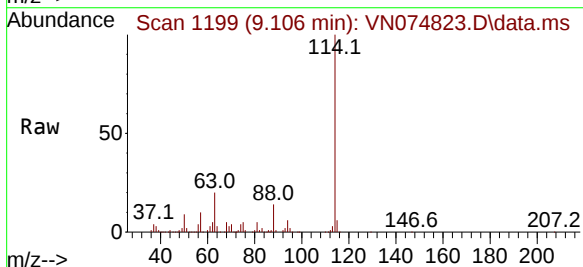
Tgt Ion:114 Resp: 482566

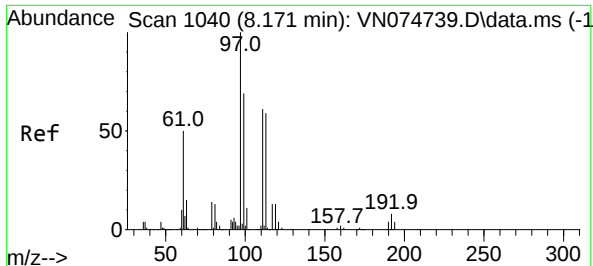
Ion Ratio Lower Upper

114 100

63 20.1 0.0 41.2

88 14.4 0.0 30.2





#35

Dibromofluoromethane

Concen: 53.872 ug/l

RT: 8.177 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VN074823.D

Acq: 07 Oct 2022 19:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:113 Resp: 262662

Ion Ratio Lower Upper

113 100

111 103.6 83.0 124.6

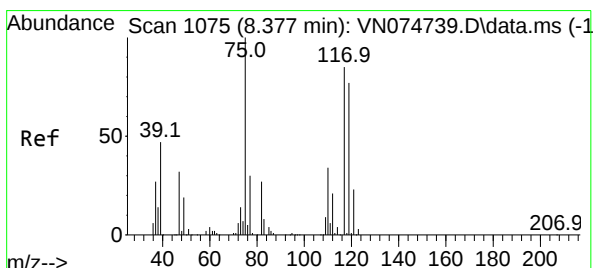
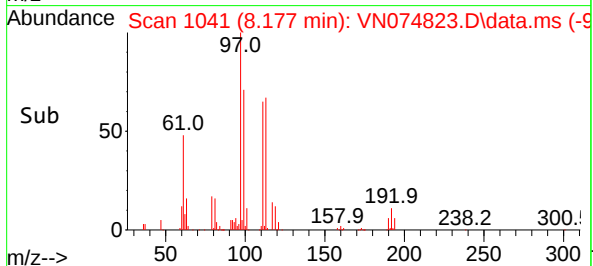
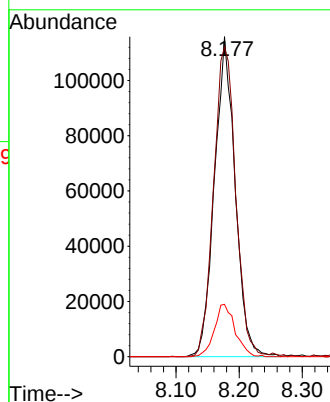
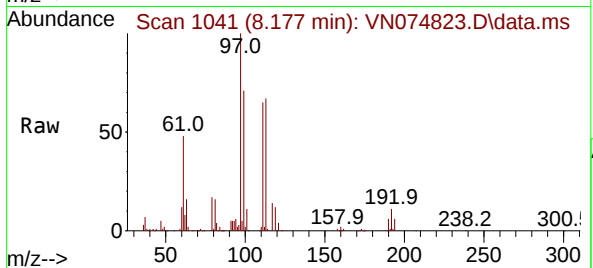
192 16.4 12.6 18.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/10/2022

Supervised By :Mahesh Dadoda 10/10/2022



#36

1,1-Dichloropropene

Concen: 49.043 ug/l

RT: 8.383 min Scan# 1076

Delta R.T. 0.006 min

Lab File: VN074823.D

Acq: 07 Oct 2022 19:57

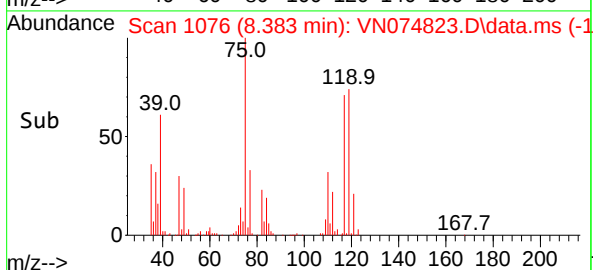
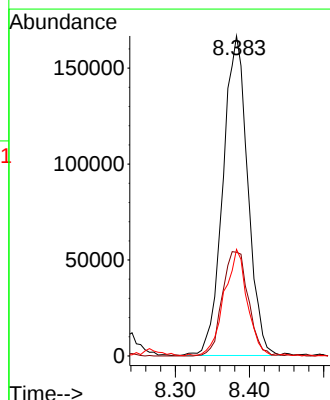
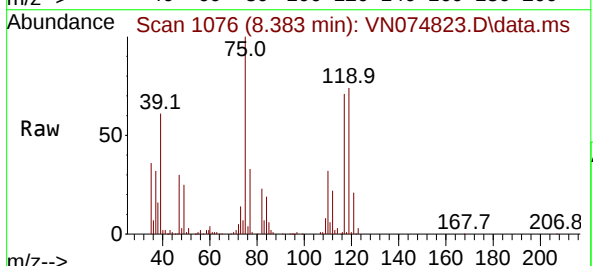
Tgt Ion: 75 Resp: 387028

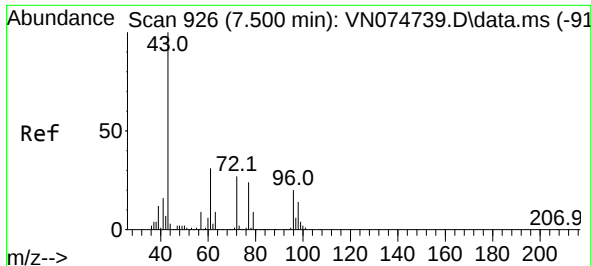
Ion Ratio Lower Upper

75 100

110 34.3 17.2 51.5

77 30.6 24.3 36.5





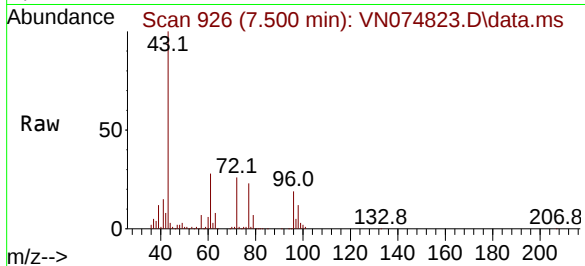
#37
Ethyl Acetate
Concen: 50.762 ug/l
RT: 7.500 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN074823.D
Acq: 07 Oct 2022 19:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



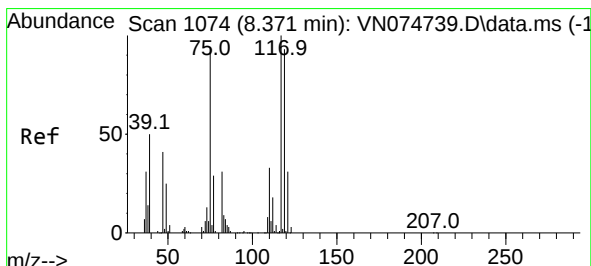
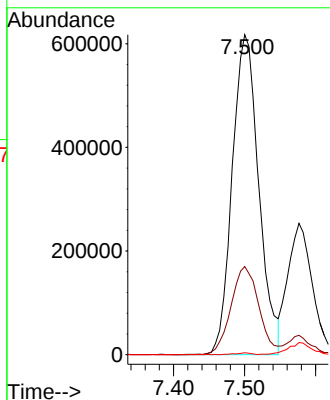
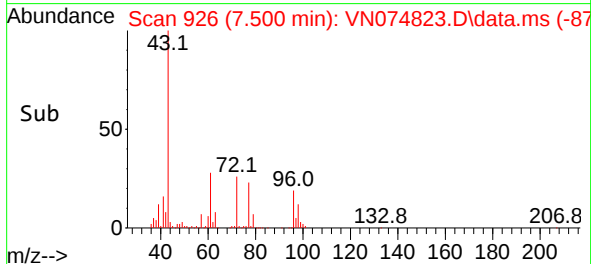
Tgt Ion: 43 Resp: 1606824
Ion Ratio Lower Upper
43 100
61 28.9 4.3 6.5
70 0.4 3.0 4.4

Manual Integrations

APPROVED

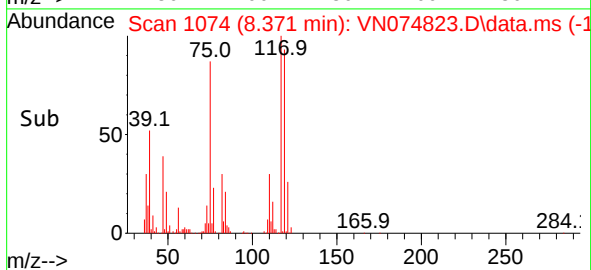
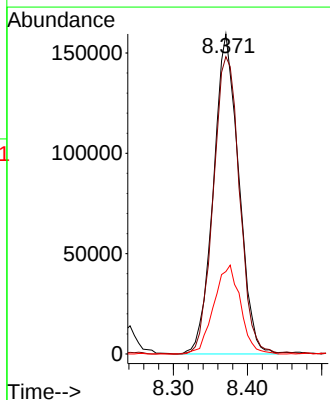
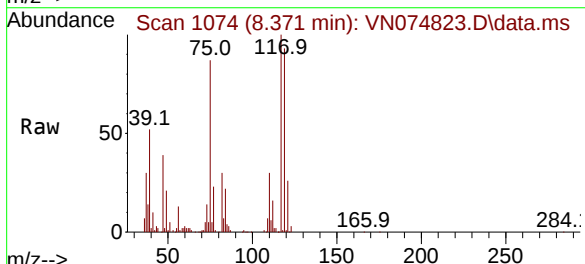
Reviewed By :John Carlone 10/10/2022

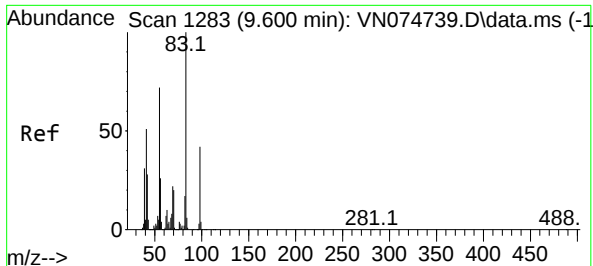
Supervised By :Mahesh Dadoda 10/10/2022



#38
Carbon Tetrachloride
Concen: 50.824 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. -0.000 min
Lab File: VN074823.D
Acq: 07 Oct 2022 19:57

Tgt Ion:117 Resp: 378237
Ion Ratio Lower Upper
117 100
119 92.9 74.3 111.5
121 25.7 25.0 37.4





#39

Methylcyclohexane

Concen: 48.666 ug/l

RT: 9.606 min Scan# 1116

Delta R.T. 0.006 min

Lab File: VN074823.D

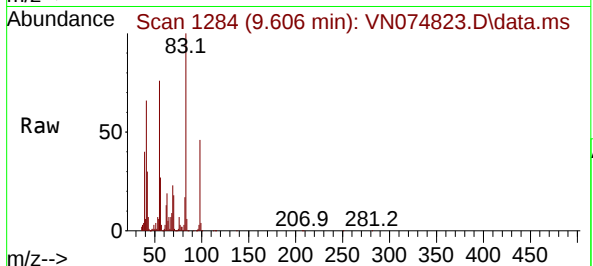
Acq: 07 Oct 2022 19:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



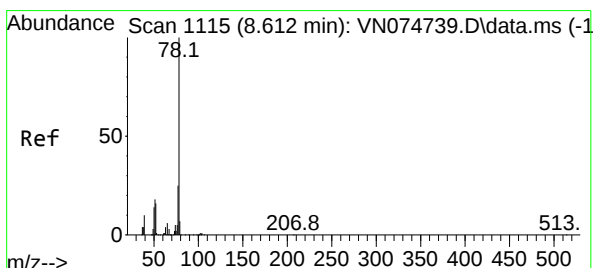
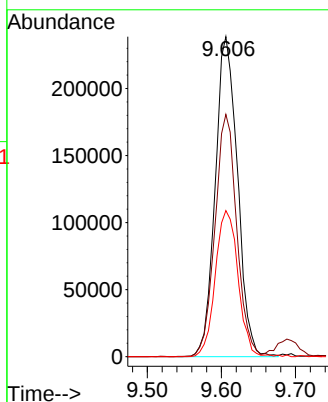
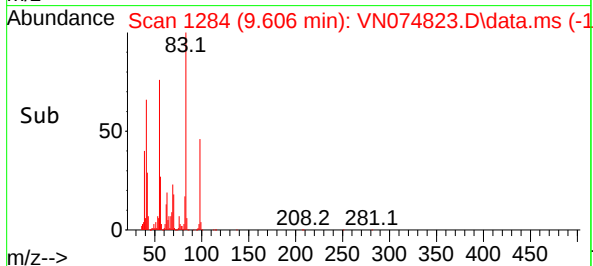
Tgt Ion:	83	Resp:	49752
Ion Ratio	Lower	Upper	
83	100		
55	75.6	57.3	85.9
98	45.6	33.4	50.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/10/2022

Supervised By :Mahesh Dadoda 10/10/2022



#40

Benzene

Concen: 50.027 ug/l

RT: 8.618 min Scan# 1116

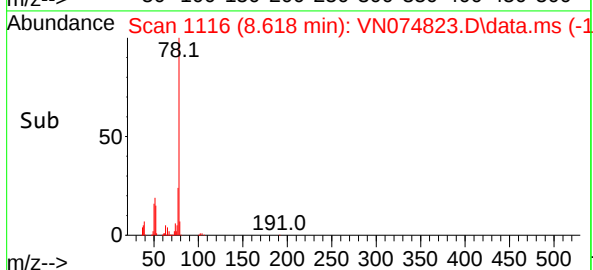
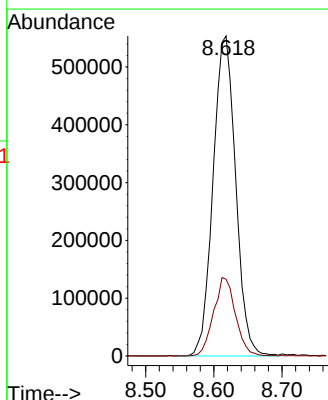
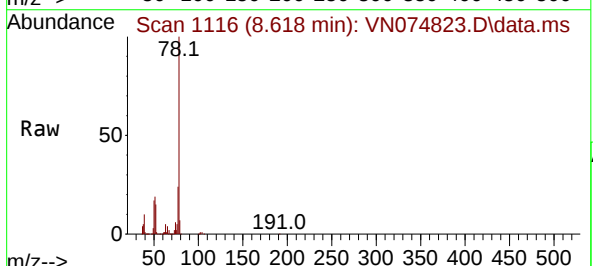
Delta R.T. 0.006 min

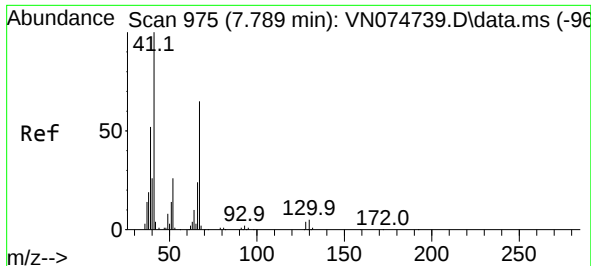
Lab File: VN074823.D

Acq: 07 Oct 2022 19:57

Tgt Ion: 78 Resp: 1278095

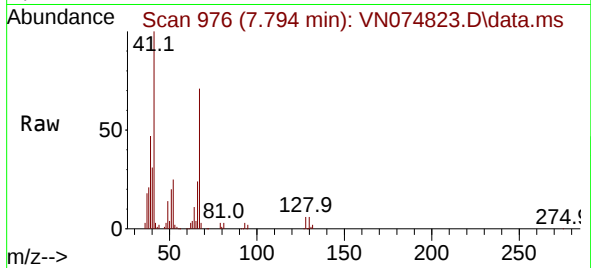
Ion Ratio	Lower	Upper
78	100	
77	24.0	20.1 30.1





#41
Methacrylonitrile
Concen: 54.105 ug/l
RT: 7.794 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN074823.D
Acq: 07 Oct 2022 19:57

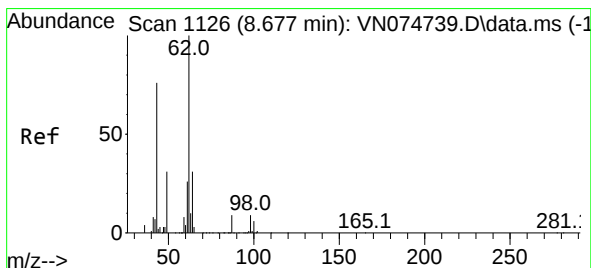
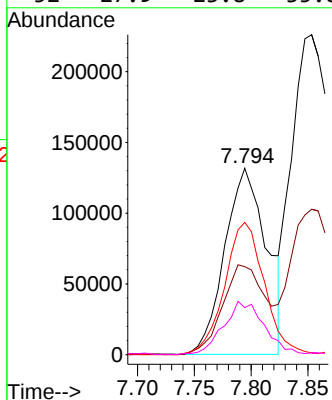
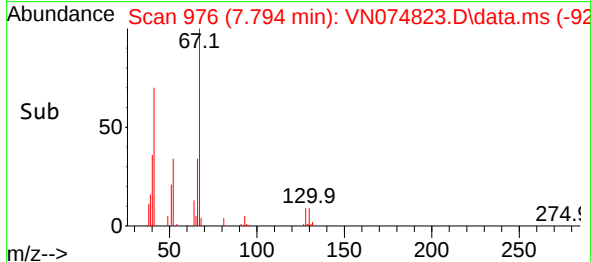
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



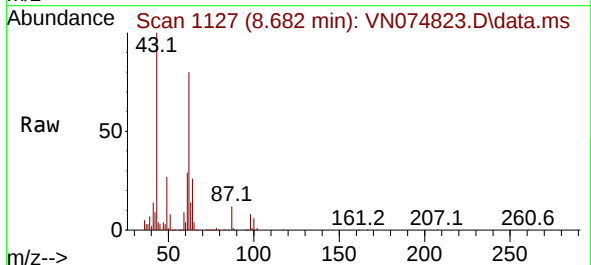
Tgt Ion: 41 Resp: 33739
Ion Ratio Lower Upper
41 100
39 47.7 43.3 64.9
67 67.4 60.2 90.2
52 27.9 23.8 35.8

Manual Integrations
APPROVED

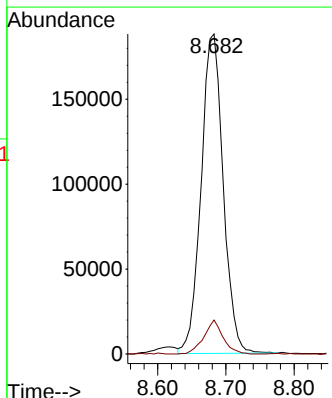
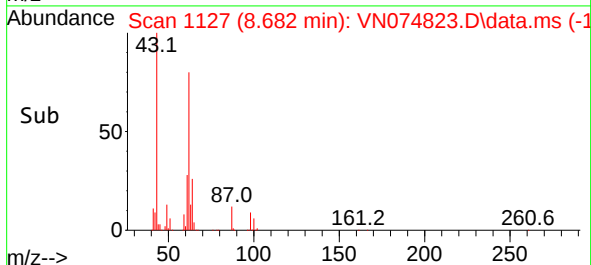
Reviewed By :John Carlone 10/10/2022
Supervised By :Mahesh Dadoda 10/10/2022

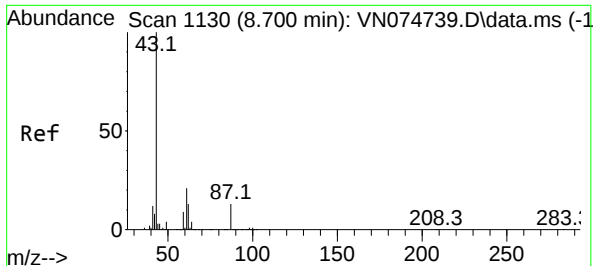


#42
1,2-Dichloroethane
Concen: 52.862 ug/l
RT: 8.682 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN074823.D
Acq: 07 Oct 2022 19:57



Tgt Ion: 62 Resp: 423916
Ion Ratio Lower Upper
62 100
98 9.2 0.0 19.4





#43

Isopropyl Acetate

Concen: 50.360 ug/l

RT: 8.700 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN074823.D

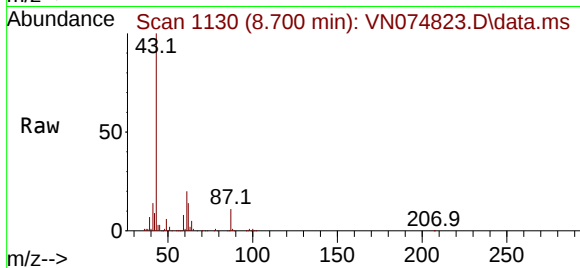
Acq: 07 Oct 2022 19:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



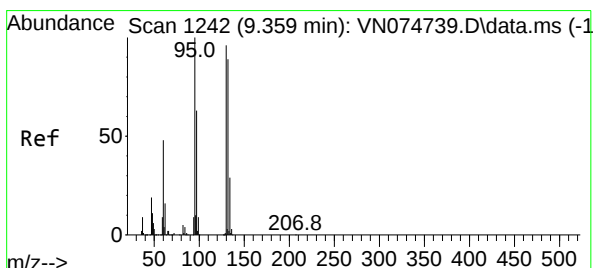
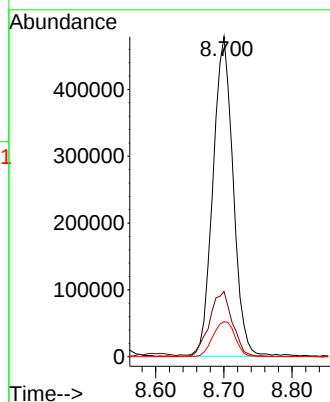
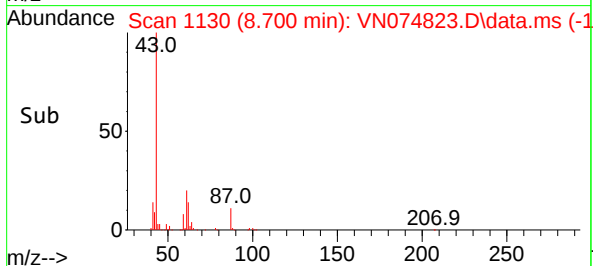
Tgt Ion: 43	Resp: 98511
Ion Ratio	Lower Upper
43	100
61	23.6 19.4 29.0
87	12.1 10.1 15.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/10/2022

Supervised By :Mahesh Dadoda 10/10/2022



#44

Trichloroethene

Concen: 50.215 ug/l

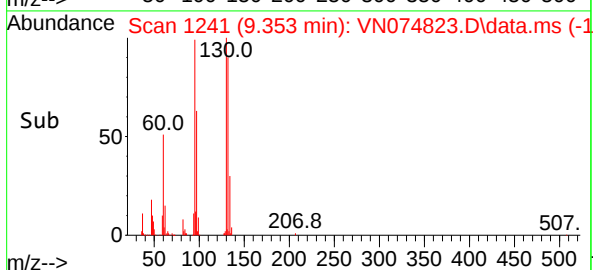
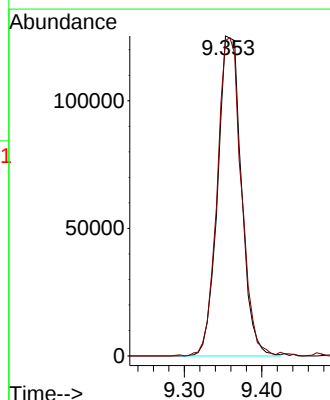
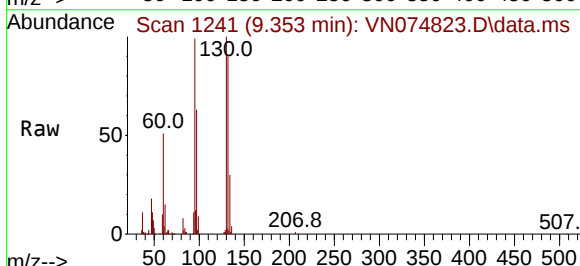
RT: 9.353 min Scan# 1241

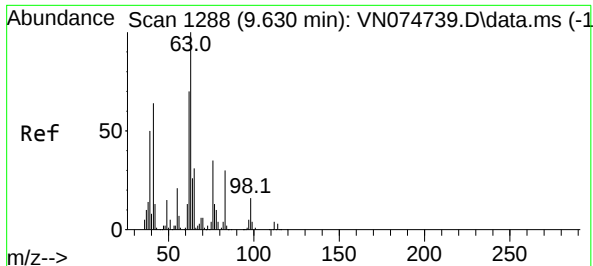
Delta R.T. -0.006 min

Lab File: VN074823.D

Acq: 07 Oct 2022 19:57

Tgt Ion:130	Resp: 267187
Ion Ratio	Lower Upper
130	100
95	98.3 0.0 207.6





#45

1,2-Dichloropropane

Concen: 51.382 ug/l

RT: 9.629 min Scan# 1288

Delta R.T. -0.000 min

Lab File: VN074823.D

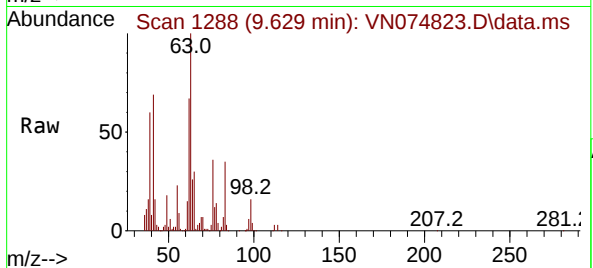
Acq: 07 Oct 2022 19:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 63 Resp: 355439

Ion Ratio Lower Upper

63 100

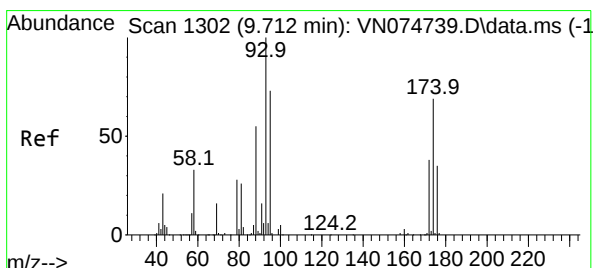
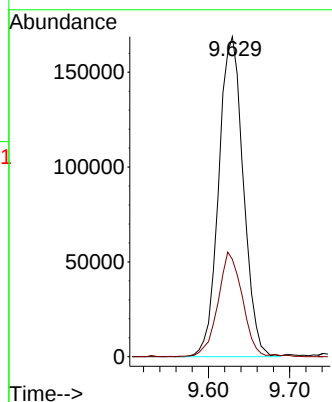
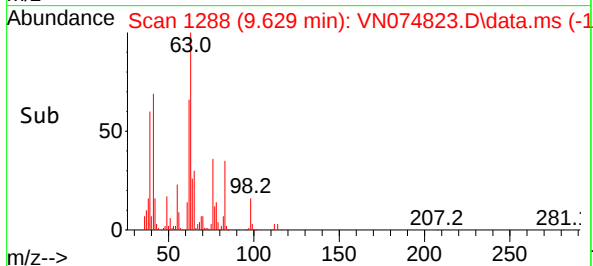
65 30.3 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/10/2022

Supervised By :Mahesh Dadoda 10/10/2022



#46

Dibromomethane

Concen: 52.840 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN074823.D

Acq: 07 Oct 2022 19:57

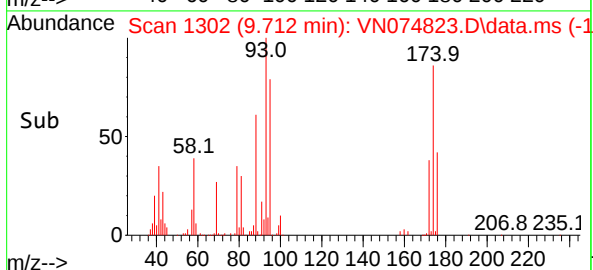
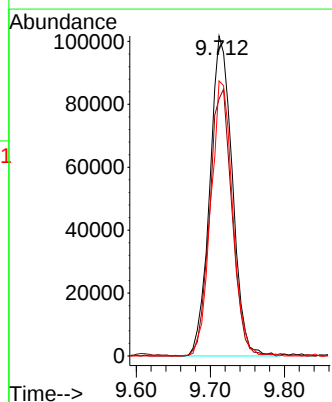
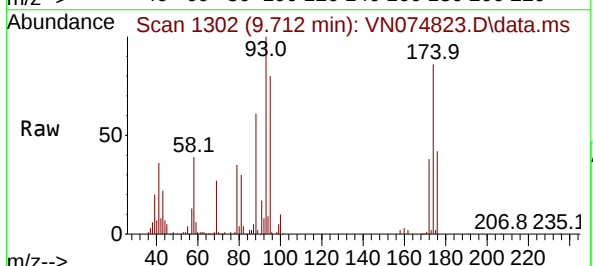
Tgt Ion: 93 Resp: 214487

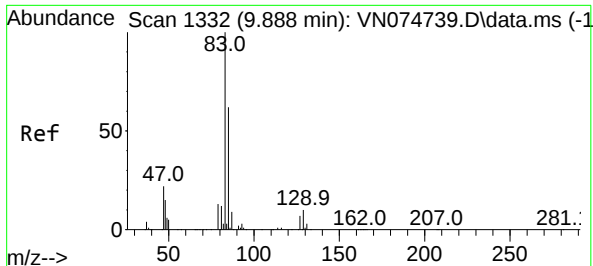
Ion Ratio Lower Upper

93 100

95 83.2 63.4 95.2

174 83.0 60.5 90.7





#47

Bromodichloromethane

Concen: 52.220 ug/l

RT: 9.888 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN074823.D

Acq: 07 Oct 2022 19:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 433073

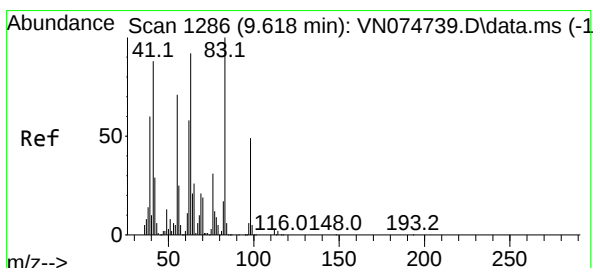
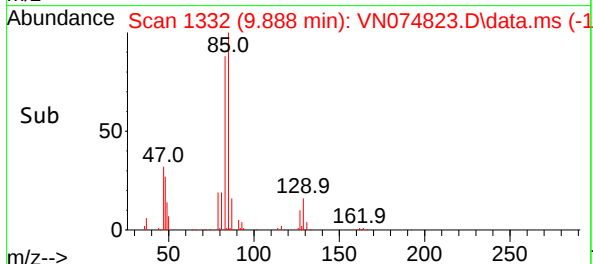
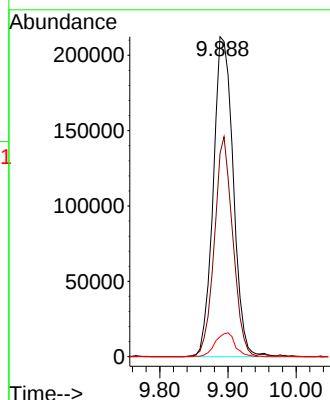
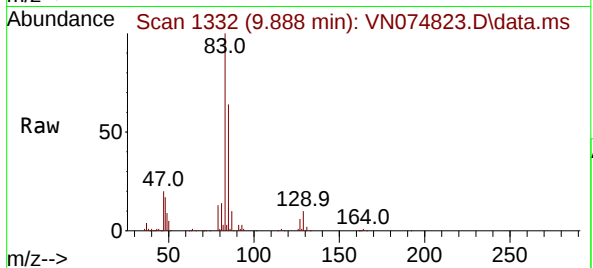
Ion	Ratio	Lower	Upper
83	100		
85	63.5	49.7	74.5
127	6.2	5.8	8.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/10/2022

Supervised By :Mahesh Dadoda 10/10/2022



#48

Methyl methacrylate

Concen: 54.112 ug/l

RT: 9.606 min Scan# 1284

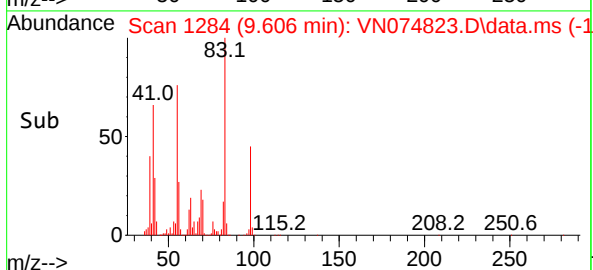
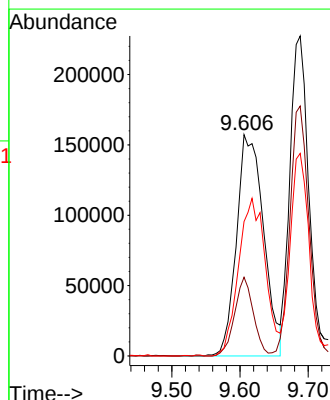
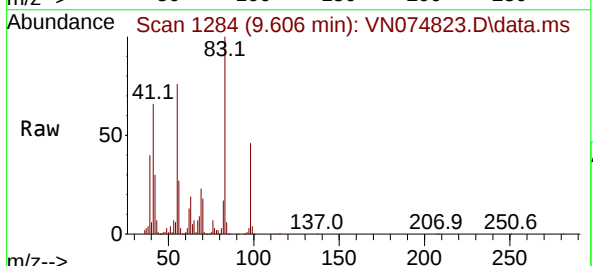
Delta R.T. -0.012 min

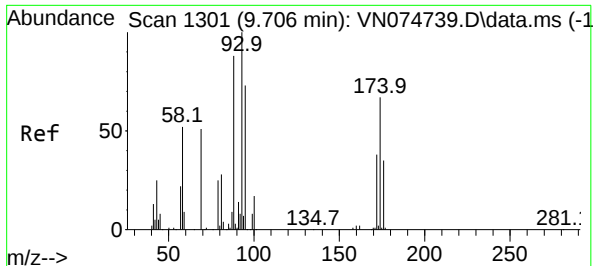
Lab File: VN074823.D

Acq: 07 Oct 2022 19:57

Tgt Ion: 41 Resp: 434577

Ion	Ratio	Lower	Upper
41	100		
69	24.6	0.0	0.0#
39	70.8	54.4	81.6





#49

1,4-Dioxane

Concen: 960.907 ug/l

RT: 9.700 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN074823.D

Acq: 07 Oct 2022 19:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 16725

Ion Ratio Lower Upper

88 100

43 28.4 23.4 35.2

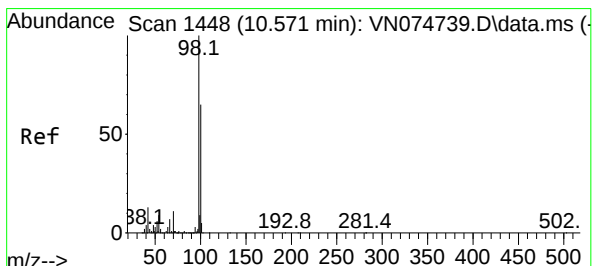
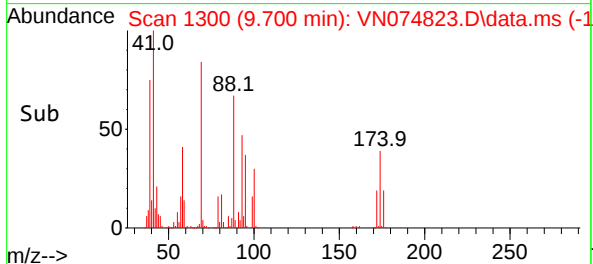
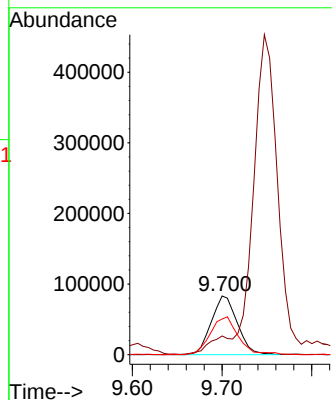
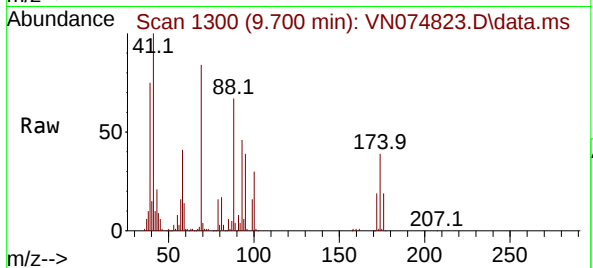
58 69.8 54.9 82.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/10/2022

Supervised By :Mahesh Dadoda 10/10/2022



#50

Toluene-d8

Concen: 53.549 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN074823.D

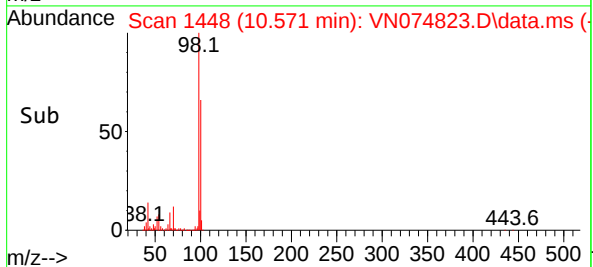
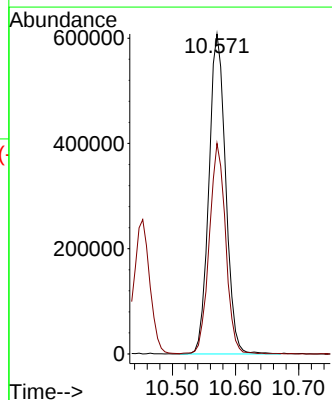
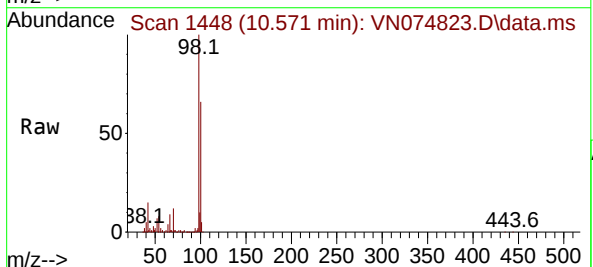
Acq: 07 Oct 2022 19:57

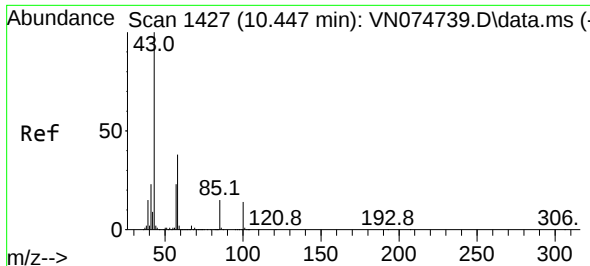
Tgt Ion: 98 Resp: 1120297

Ion Ratio Lower Upper

98 100

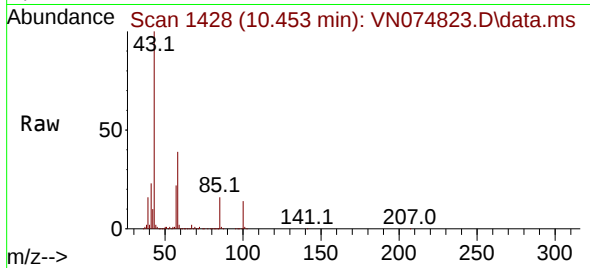
100 64.0 50.7 76.1





#51
4-Methyl-2-Pentanone
Concen: 263.899 ug/l
RT: 10.453 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VN074823.D
Acq: 07 Oct 2022 19:57

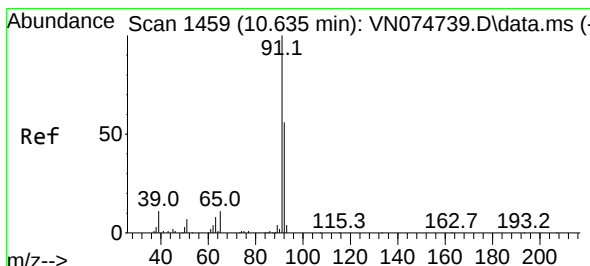
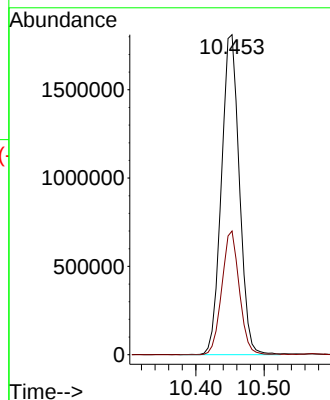
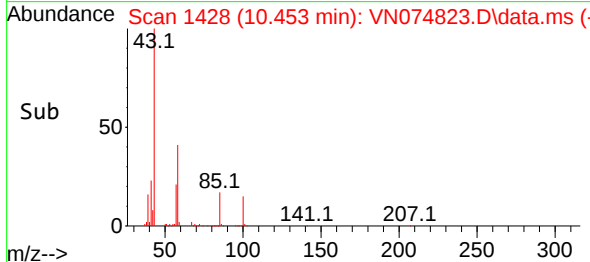
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 3324278
Ion Ratio Lower Upper
43 100
58 37.6 30.6 45.8

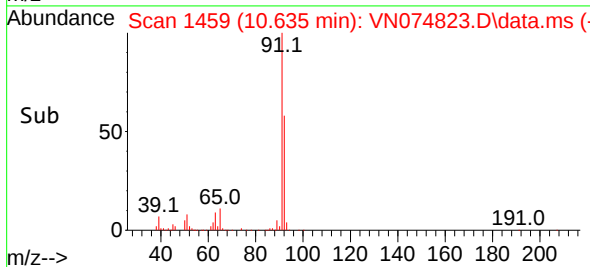
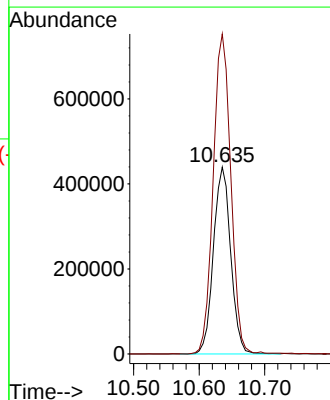
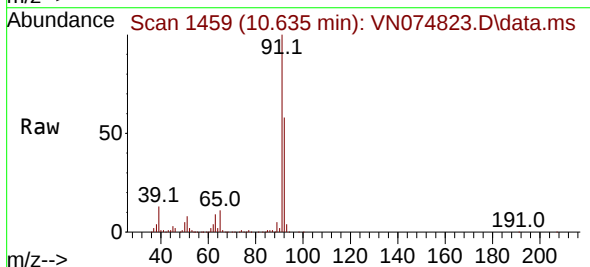
Manual Integrations
APPROVED

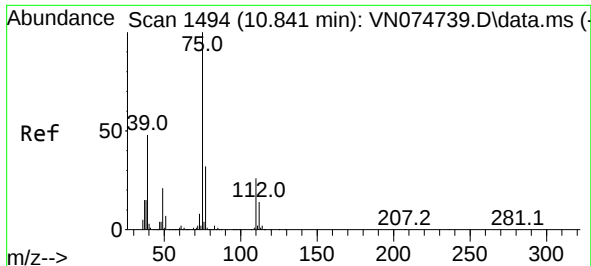
Reviewed By :John Carlone 10/10/2022
Supervised By :Mahesh Dadoda 10/10/2022



#52
Toluene
Concen: 52.369 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN074823.D
Acq: 07 Oct 2022 19:57

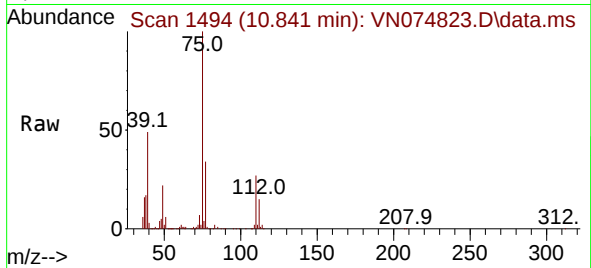
Tgt Ion: 92 Resp: 803728
Ion Ratio Lower Upper
92 100
91 174.2 140.2 210.4





#53
t-1,3-Dichloropropene
Concen: 50.349 ug/l
RT: 10.841 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VN074823.D
Acq: 07 Oct 2022 19:57

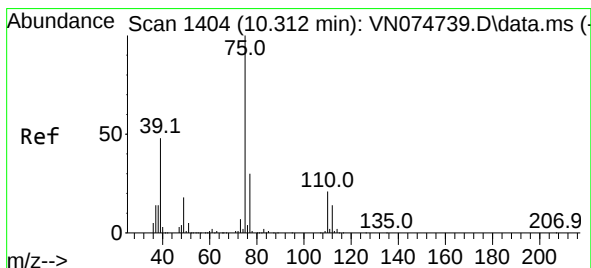
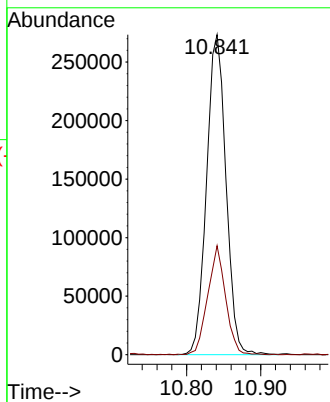
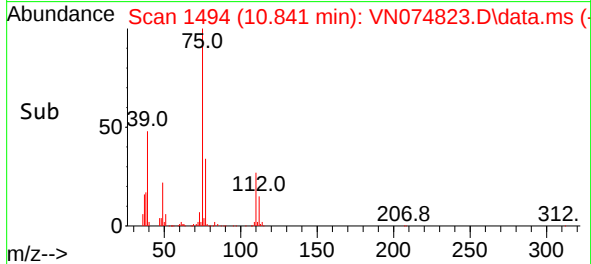
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 497518
Ion Ratio Lower Upper
75 100
77 34.1 26.0 39.0

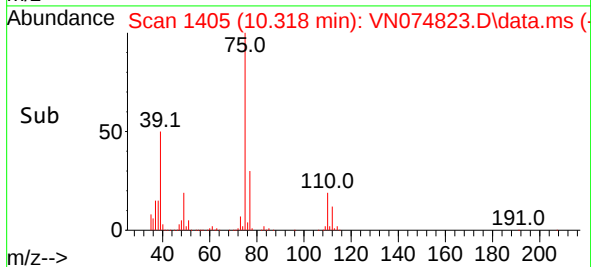
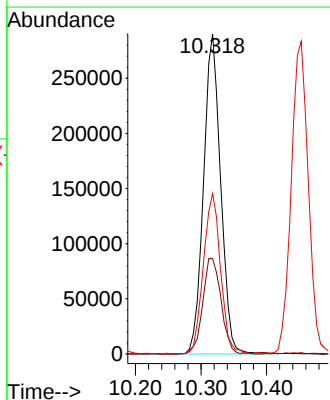
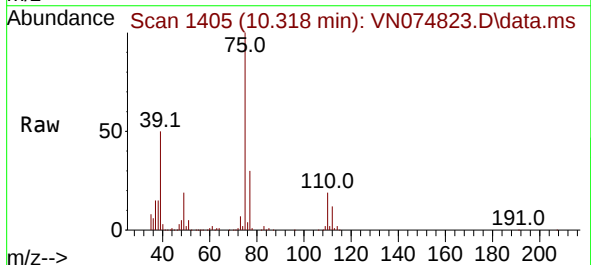
Manual Integrations
APPROVED

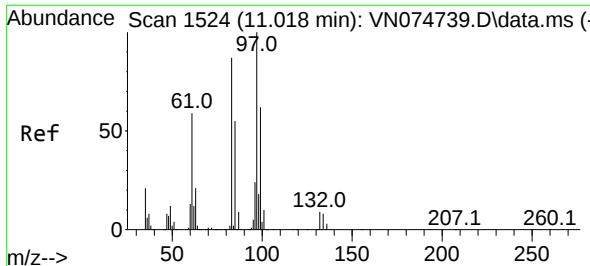
Reviewed By :John Carlone 10/10/2022
Supervised By :Mahesh Dadoda 10/10/2022



#54
cis-1,3-Dichloropropene
Concen: 49.359 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. 0.006 min
Lab File: VN074823.D
Acq: 07 Oct 2022 19:57

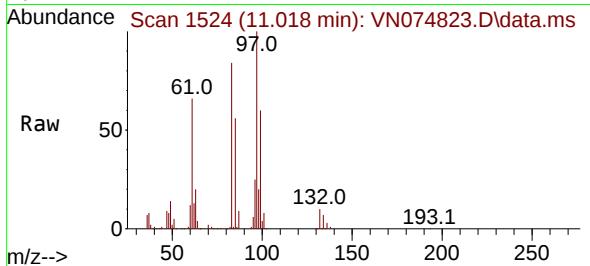
Tgt Ion: 75 Resp: 526566
Ion Ratio Lower Upper
75 100
77 29.9 24.4 36.6
39 50.1 38.6 57.8





#55
1,1,2-Trichloroethane
Concen: 52.384 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN074823.D
Acq: 07 Oct 2022 19:57

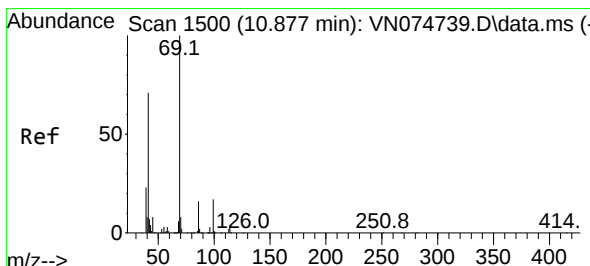
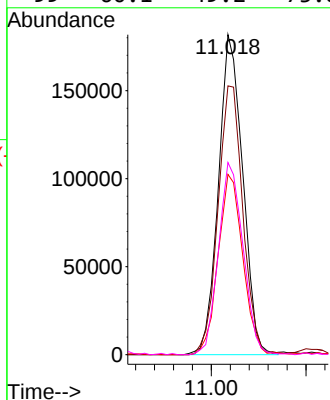
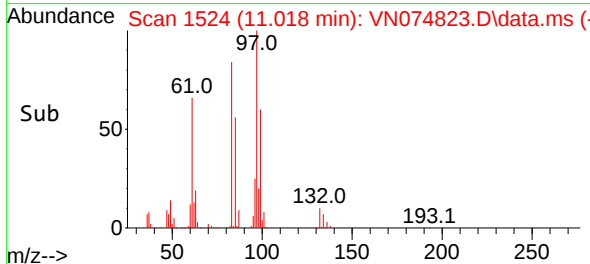
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



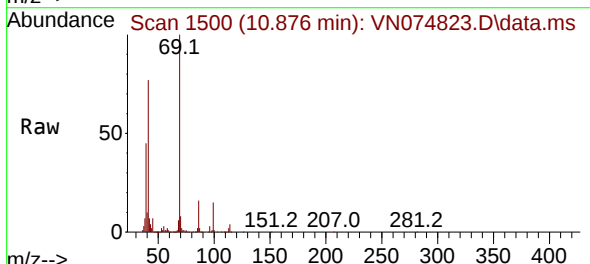
Tgt Ion: 97 Resp: 323268
Ion Ratio Lower Upper
97 100
83 84.0 69.7 104.5
85 56.3 43.8 65.6
99 60.1 49.2 73.8

Manual Integrations
APPROVED

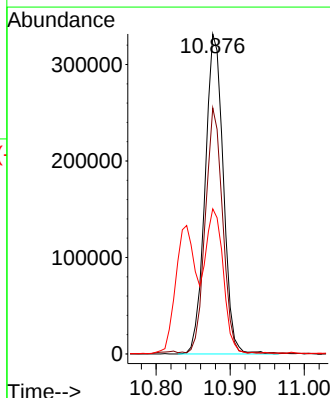
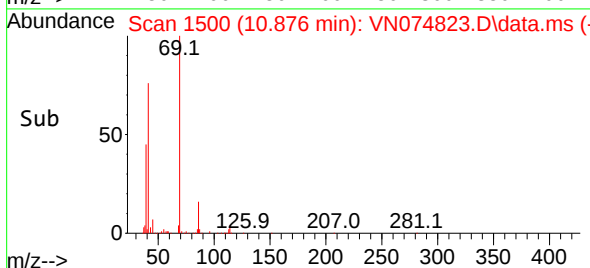
Reviewed By :John Carlone 10/10/2022
Supervised By :Mahesh Dadoda 10/10/2022

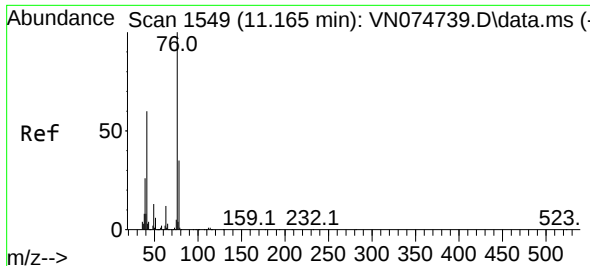


#56
Ethyl methacrylate
Concen: 50.321 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN074823.D
Acq: 07 Oct 2022 19:57



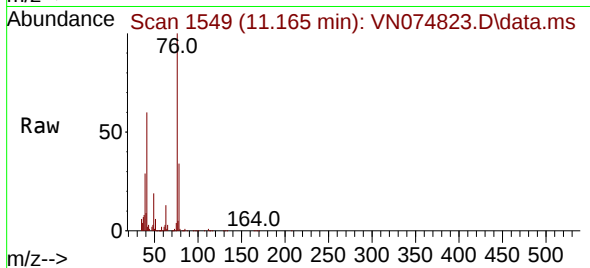
Tgt Ion: 69 Resp: 565574
Ion Ratio Lower Upper
69 100
41 72.8 54.9 82.3
39 44.0 31.5 47.3





#57
1,3-Dichloropropane
Concen: 51.328 ug/l
RT: 11.165 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074823.D
Acq: 07 Oct 2022 19:57

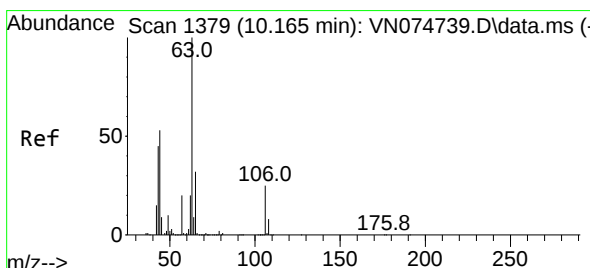
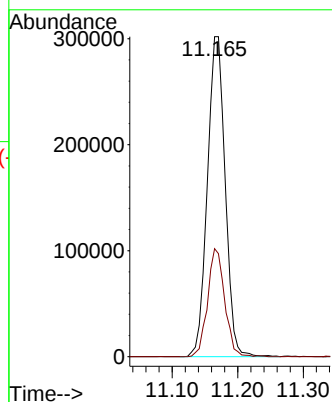
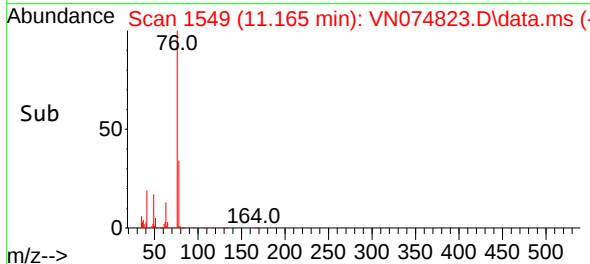
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 57088
Ion Ratio Lower Upper
76 100
78 32.3 26.2 39.2

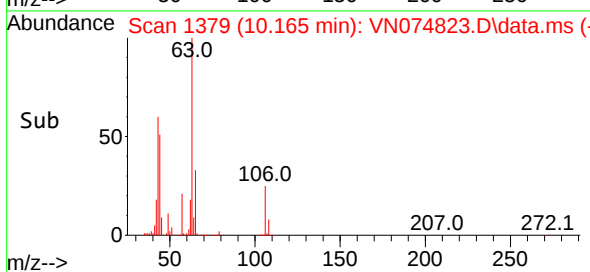
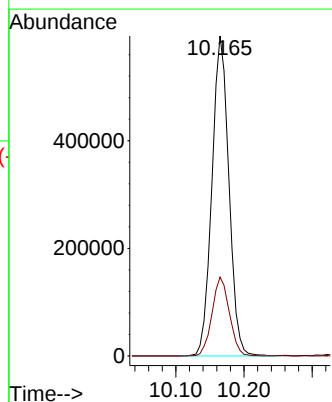
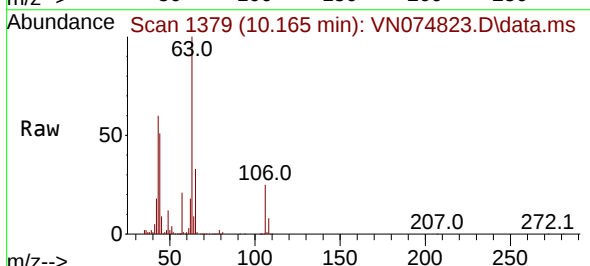
Manual Integrations
APPROVED

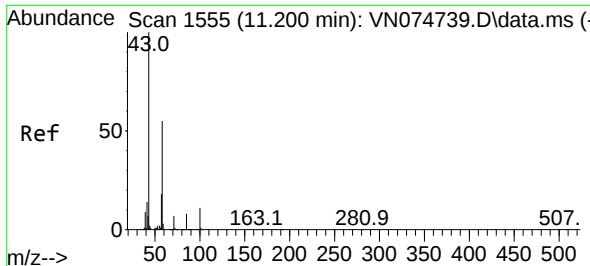
Reviewed By :John Carlone 10/10/2022
Supervised By :Mahesh Dadoda 10/10/2022



#58
2-Chloroethyl Vinyl ether
Concen: 254.073 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VN074823.D
Acq: 07 Oct 2022 19:57

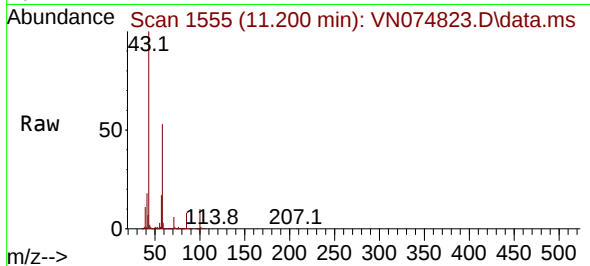
Tgt Ion: 63 Resp: 1029978
Ion Ratio Lower Upper
63 100
106 25.2 20.0 30.0





#59
2-Hexanone
Concen: 271.405 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN074823.D
Acq: 07 Oct 2022 19:57

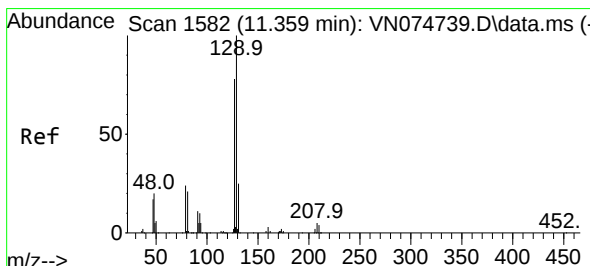
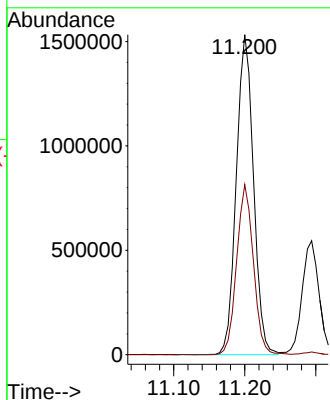
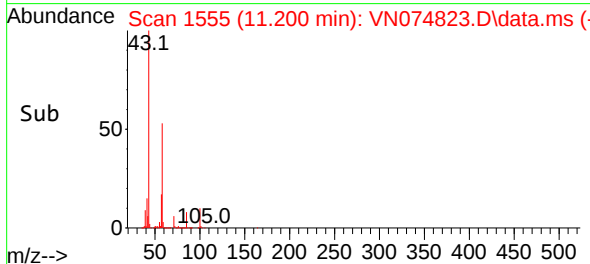
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 2585970
Ion Ratio Lower Upper
43 100
58 51.8 27.3 81.9

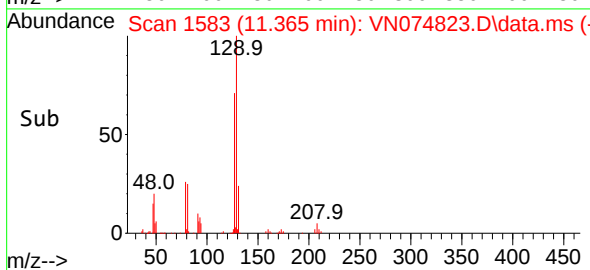
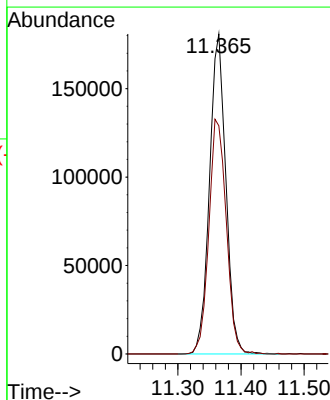
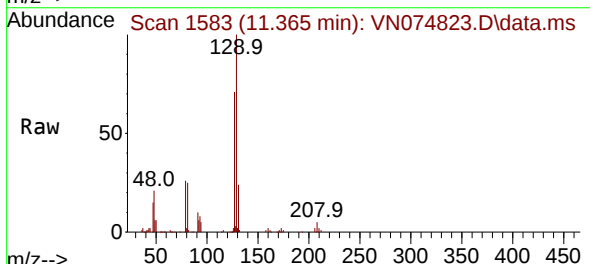
Manual Integrations
APPROVED

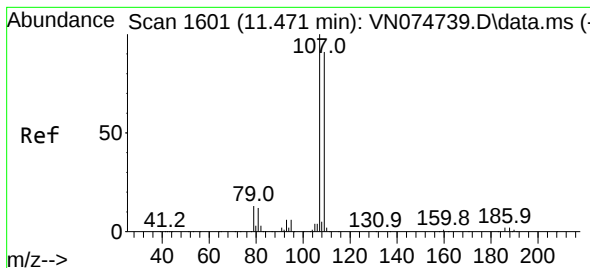
Reviewed By :John Carlone 10/10/2022
Supervised By :Mahesh Dadoda 10/10/2022



#60
Dibromochloromethane
Concen: 53.331 ug/l
RT: 11.365 min Scan# 1583
Delta R.T. 0.006 min
Lab File: VN074823.D
Acq: 07 Oct 2022 19:57

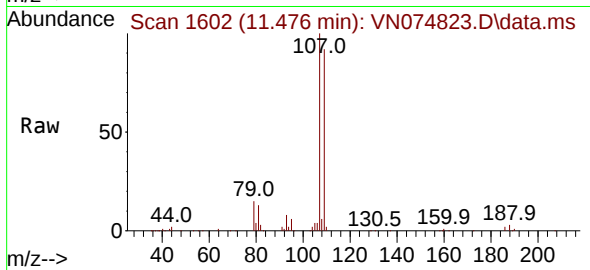
Tgt Ion:129 Resp: 324206
Ion Ratio Lower Upper
129 100
127 78.4 39.5 118.3





#61
1,2-Dibromoethane
Concen: 52.438 ug/l
RT: 11.476 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VN074823.D
Acq: 07 Oct 2022 19:57

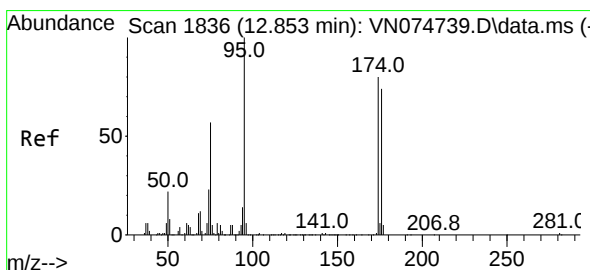
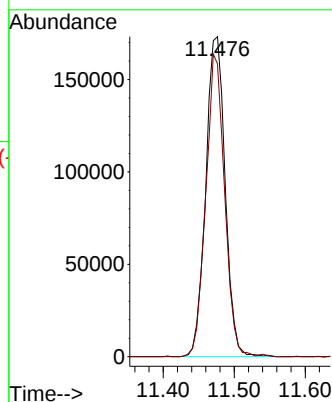
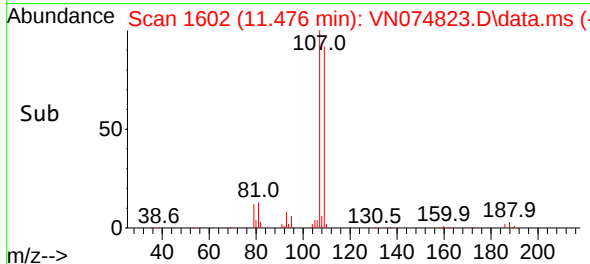
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



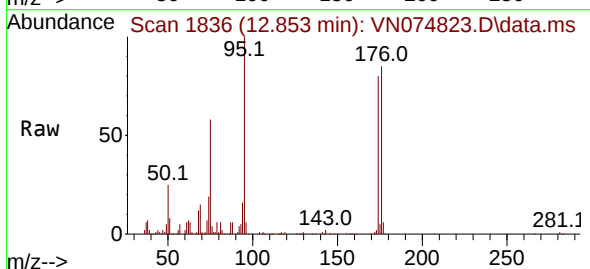
Tgt Ion:107 Resp: 329052
Ion Ratio Lower Upper
107 100
109 91.3 74.2 111.2

Manual Integrations
APPROVED

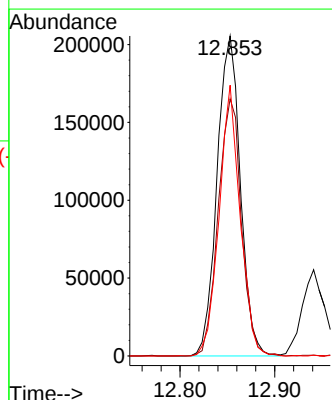
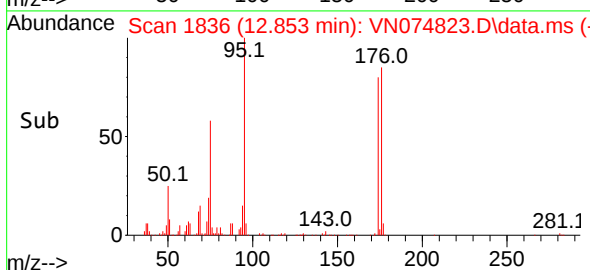
Reviewed By :John Carlone 10/10/2022
Supervised By :Mahesh Dadoda 10/10/2022

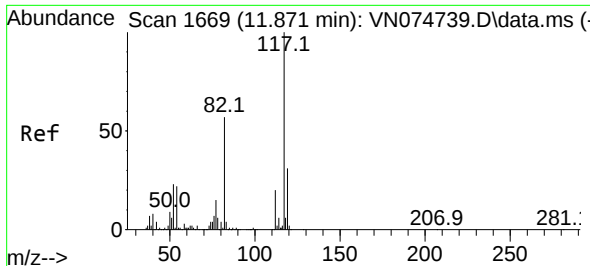


#62
4-Bromofluorobenzene
Concen: 55.349 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN074823.D
Acq: 07 Oct 2022 19:57



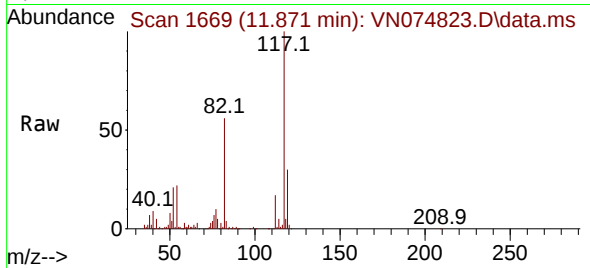
Tgt Ion: 95 Resp: 351996
Ion Ratio Lower Upper
95 100
174 79.9 0.0 149.4
176 76.4 0.0 142.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VN074823.D
Acq: 07 Oct 2022 19:57

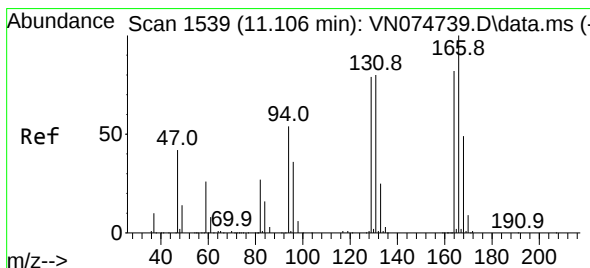
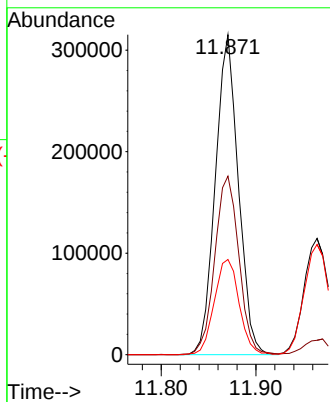
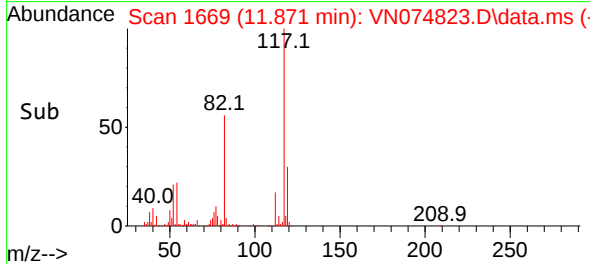
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



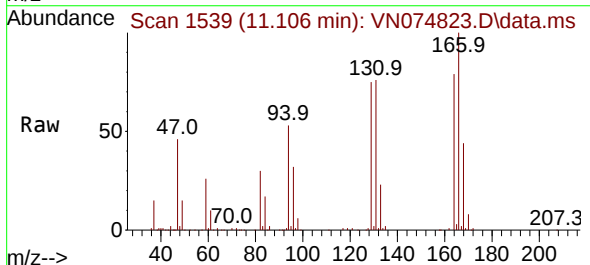
Tgt Ion:117 Resp: 532980
Ion Ratio Lower Upper
117 100
82 55.8 45.4 68.2
119 29.8 25.1 37.7

Manual Integrations
APPROVED

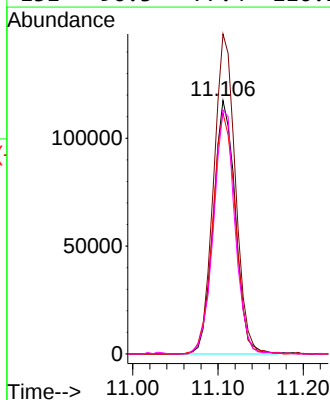
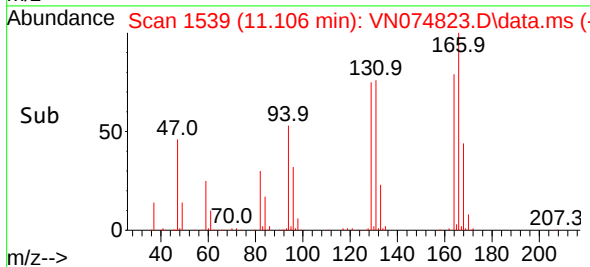
Reviewed By :John Carlone 10/10/2022
Supervised By :Mahesh Dadoda 10/10/2022

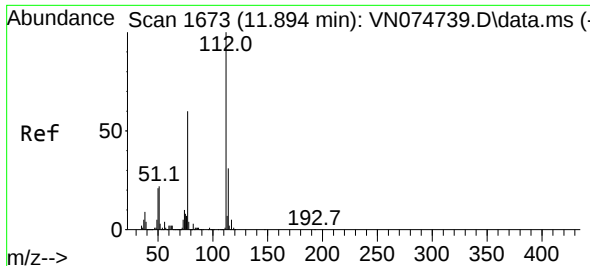


#64
Tetrachloroethene
Concen: 48.613 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN074823.D
Acq: 07 Oct 2022 19:57



Tgt Ion:164 Resp: 210335
Ion Ratio Lower Upper
164 100
166 126.3 97.0 145.6
129 95.0 77.0 115.6
131 96.3 77.4 116.2





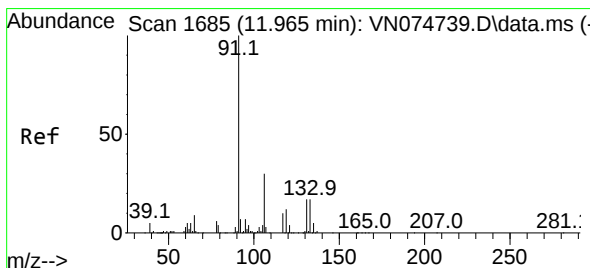
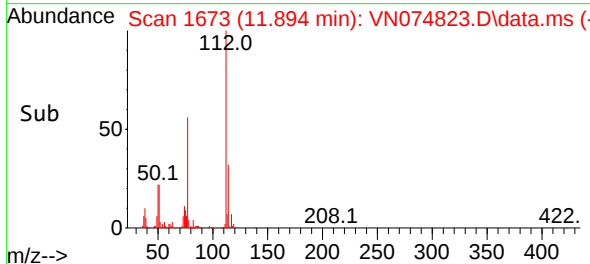
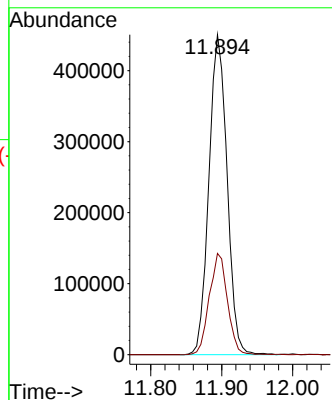
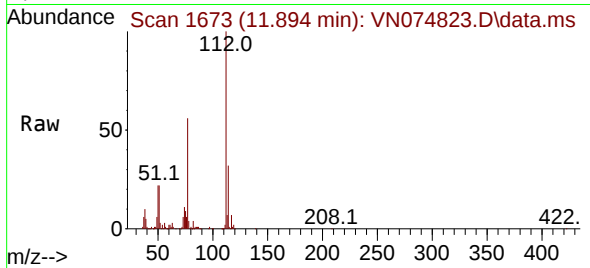
#65
Chlorobenzene
Concen: 49.021 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN074823.D
Acq: 07 Oct 2022 19:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 800420
Ion Ratio Lower Upper
112 100
114 31.6 25.0 37.4

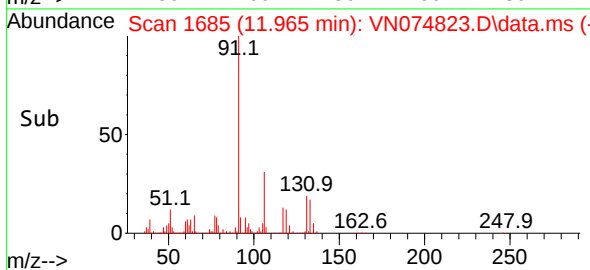
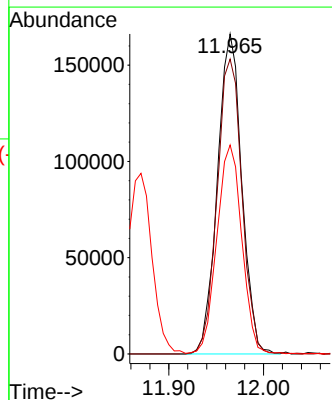
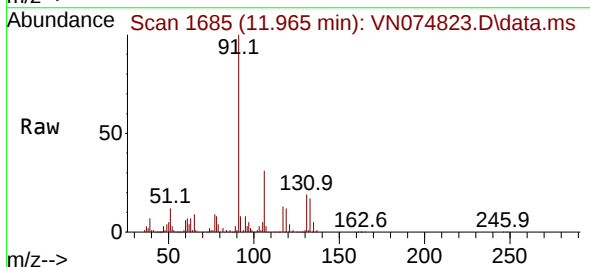
Manual Integrations
APPROVED

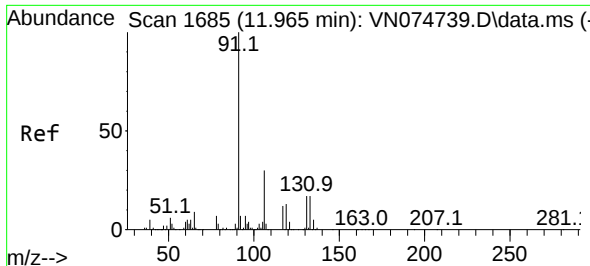
Reviewed By :John Carlone 10/10/2022
Supervised By :Mahesh Dadoda 10/10/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 49.823 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN074823.D
Acq: 07 Oct 2022 19:57

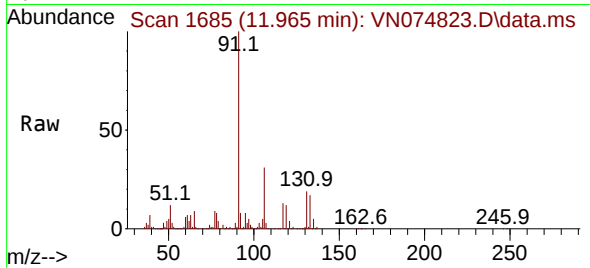
Tgt Ion:131 Resp: 297045
Ion Ratio Lower Upper
131 100
133 94.2 47.6 142.9
119 67.0 34.8 104.3





#67
Ethyl Benzene
Concen: 51.027 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN074823.D
Acq: 07 Oct 2022 19:57

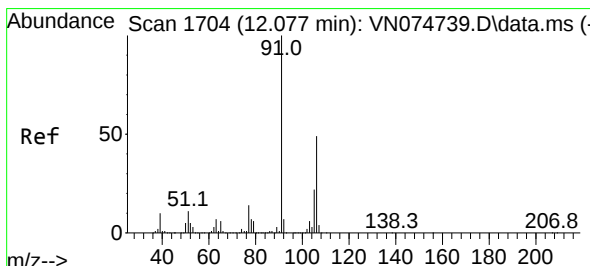
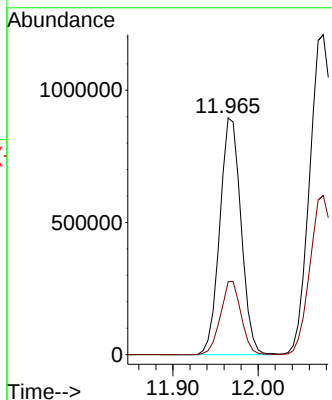
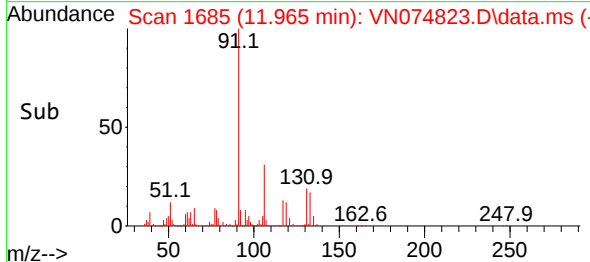
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



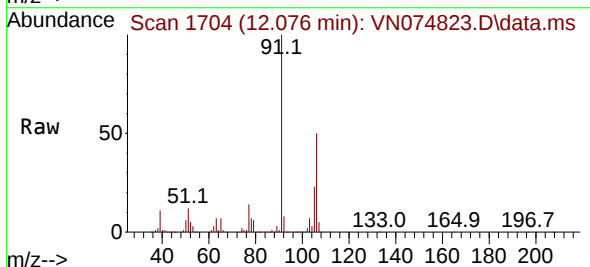
Tgt Ion: 91 Resp: 1552992
Ion Ratio Lower Upper
91 100
106 30.8 24.1 36.1

Manual Integrations
APPROVED

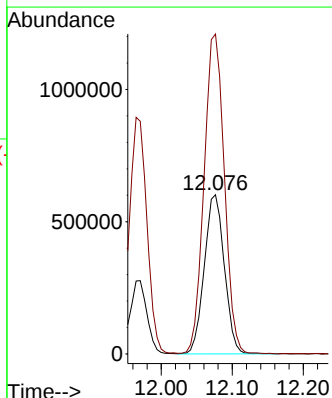
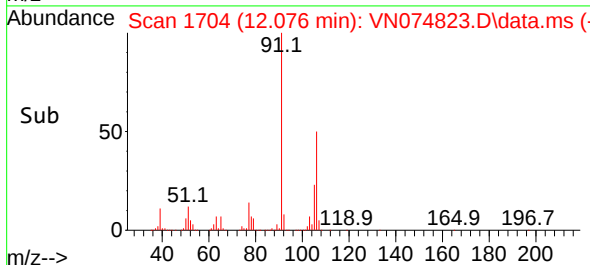
Reviewed By :John Carlone 10/10/2022
Supervised By :Mahesh Dadoda 10/10/2022

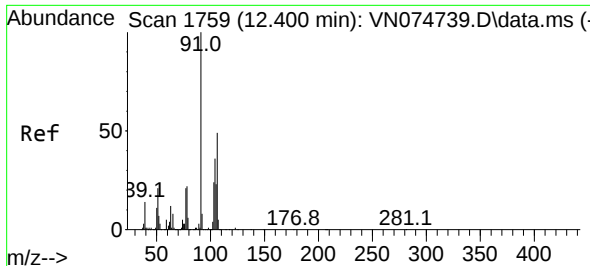


#68
m/p-Xylenes
Concen: 103.307 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN074823.D
Acq: 07 Oct 2022 19:57



Tgt Ion:106 Resp: 1180266
Ion Ratio Lower Upper
106 100
91 203.3 164.2 246.4





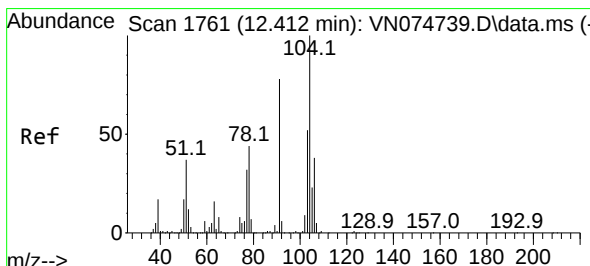
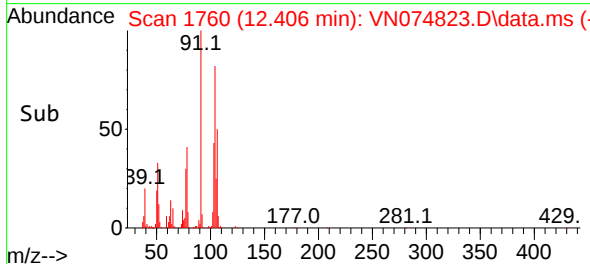
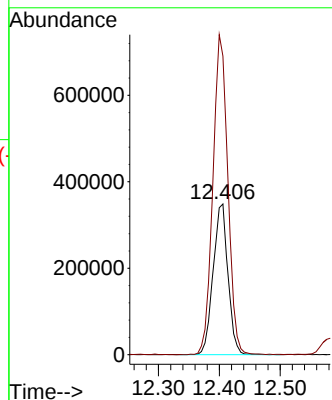
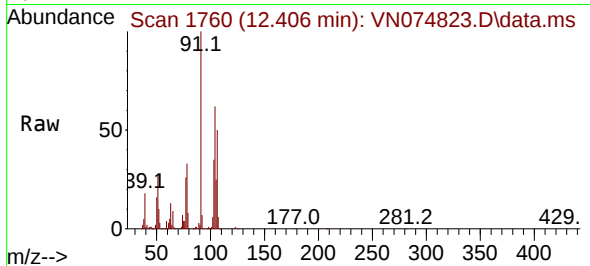
#69
o-Xylene
Concen: 50.312 ug/l
RT: 12.406 min Scan# 1759
Delta R.T. 0.006 min
Lab File: VN074823.D
Acq: 07 Oct 2022 19:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 589729
Ion Ratio Lower Upper
106 100
91 214.0 105.4 316.1

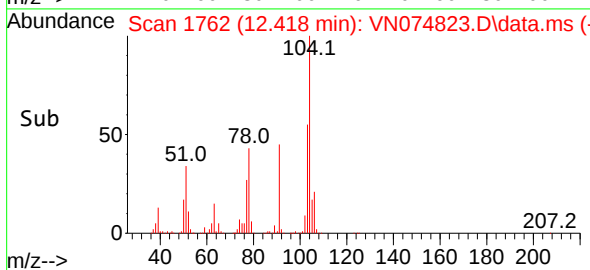
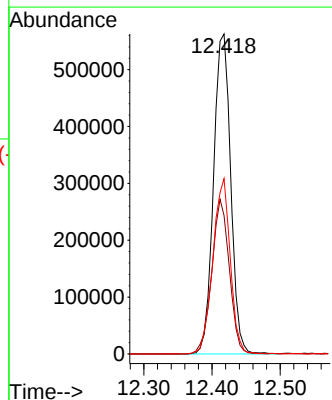
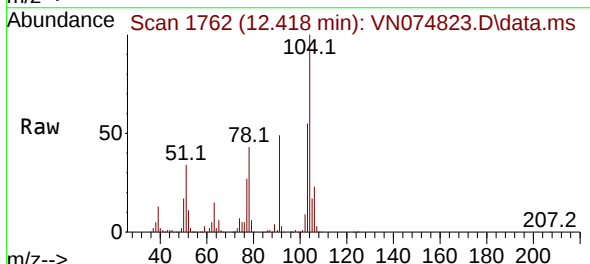
Manual Integrations
APPROVED

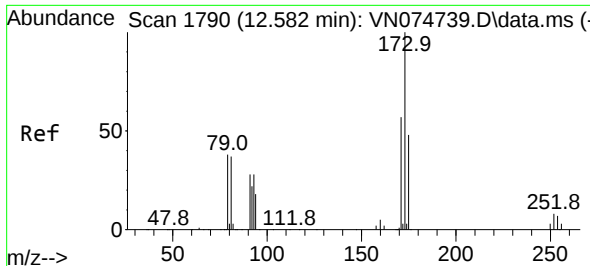
Reviewed By :John Carlone 10/10/2022
Supervised By :Mahesh Dadoda 10/10/2022



#70
Styrene
Concen: 53.390 ug/l
RT: 12.418 min Scan# 1762
Delta R.T. 0.006 min
Lab File: VN074823.D
Acq: 07 Oct 2022 19:57

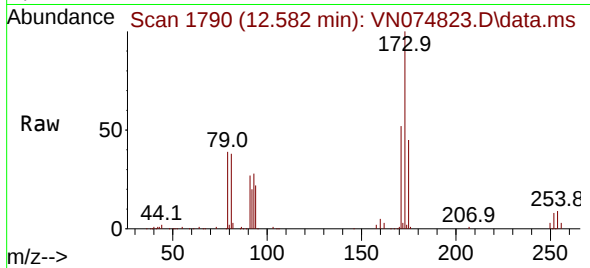
Tgt Ion:104 Resp: 986558
Ion Ratio Lower Upper
104 100
78 49.4 39.7 59.5
103 55.5 44.7 67.1





#71
Bromoform
Concen: 52.753 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VN074823.D
Acq: 07 Oct 2022 19:57

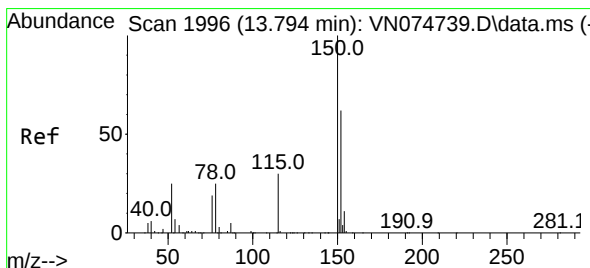
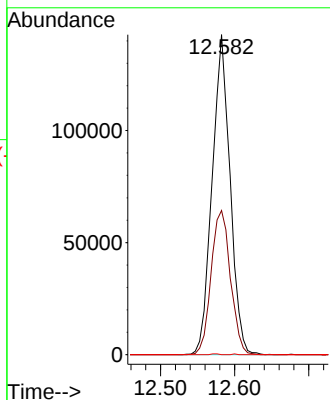
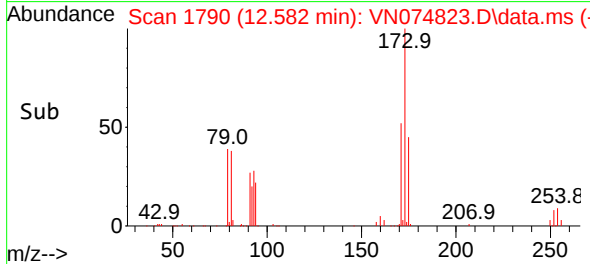
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



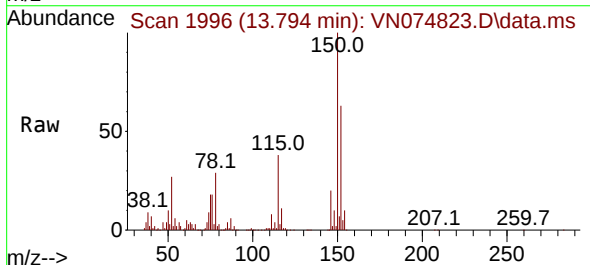
Tgt Ion:173 Resp: 239912
Ion Ratio Lower Upper
173 100
175 48.6 23.9 71.7
254 0.1 0.1 0.1

Manual Integrations
APPROVED

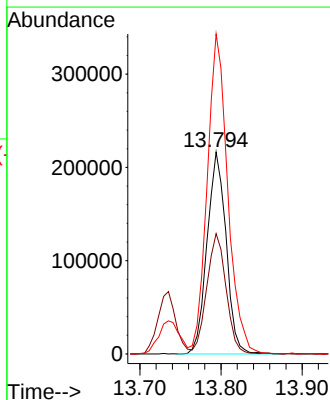
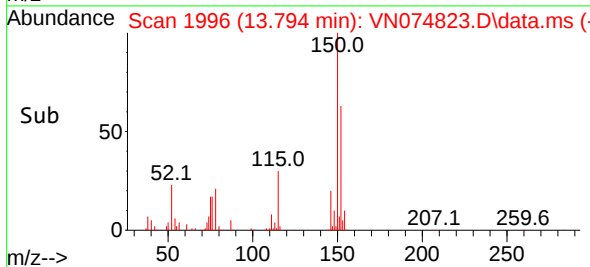
Reviewed By :John Carlone 10/10/2022
Supervised By :Mahesh Dadoda 10/10/2022

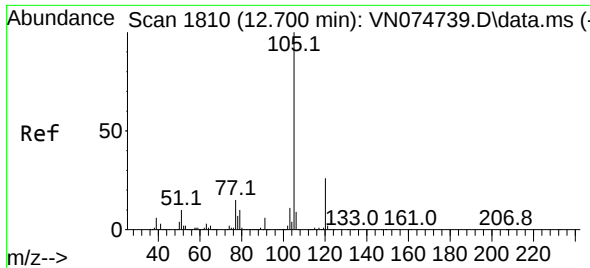


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN074823.D
Acq: 07 Oct 2022 19:57



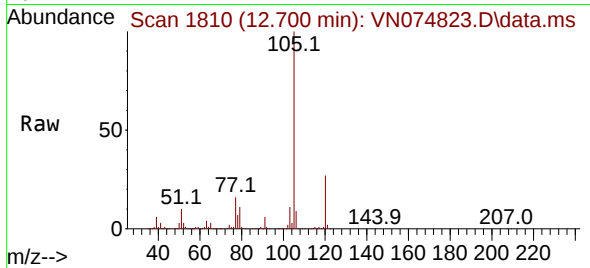
Tgt Ion:152 Resp: 353098
Ion Ratio Lower Upper
152 100
115 59.7 30.0 90.0
150 170.6 0.0 356.4





#73
Isopropylbenzene
Concen: 45.904 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN074823.D
Acq: 07 Oct 2022 19:57

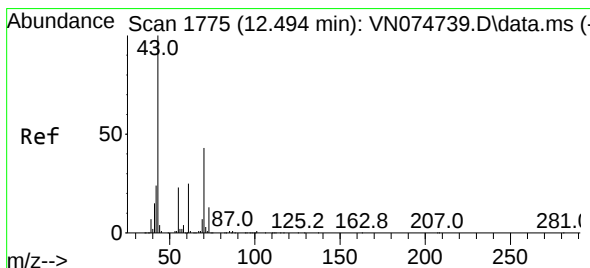
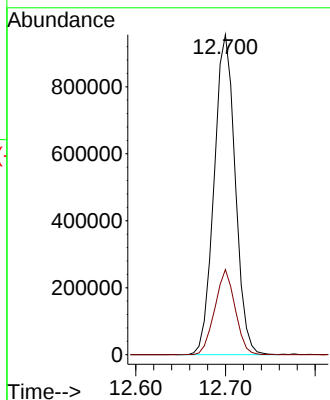
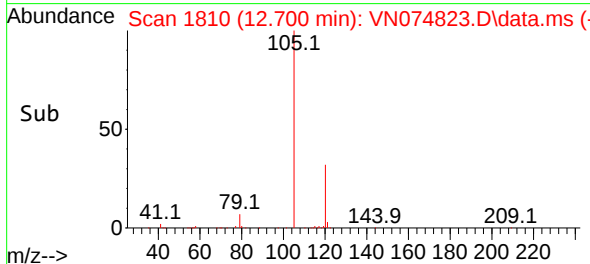
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



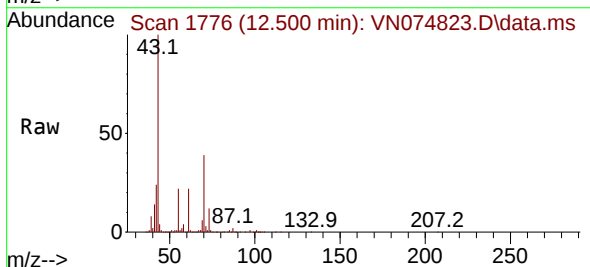
Tgt Ion:105 Resp: 155974
Ion Ratio Lower Upper
105 100
120 25.6 13.1 39.3

Manual Integrations
APPROVED

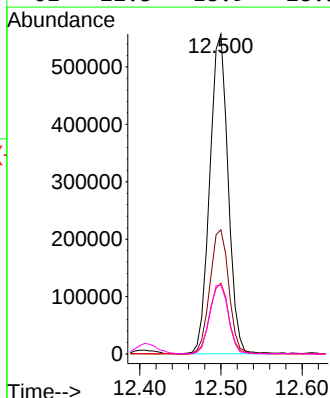
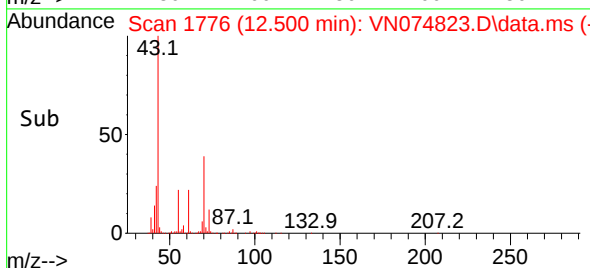
Reviewed By :John Carlone 10/10/2022
Supervised By :Mahesh Dadoda 10/10/2022

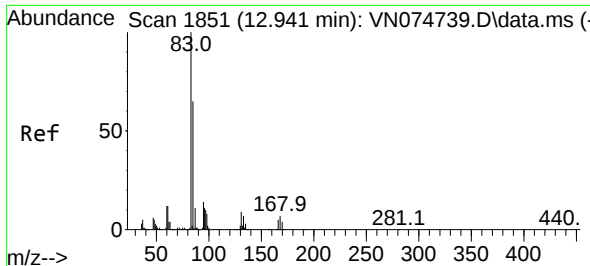


#74
N-ethyl acetate
Concen: 42.511 ug/l
RT: 12.500 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN074823.D
Acq: 07 Oct 2022 19:57



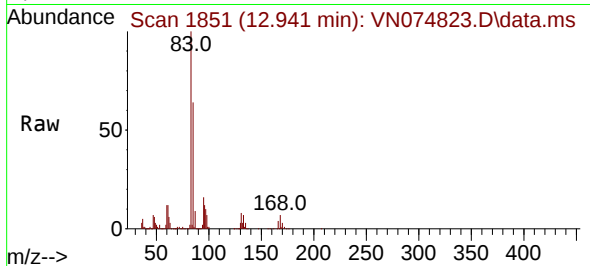
Tgt Ion: 43 Resp: 873343
Ion Ratio Lower Upper
43 100
70 40.2 32.9 49.3
55 22.8 17.8 26.6
61 22.3 18.9 28.3





#75
1,1,2,2-Tetrachloroethane
Concen: 52.160 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN074823.D
Acq: 07 Oct 2022 19:57

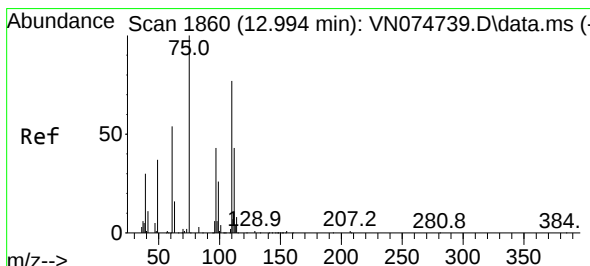
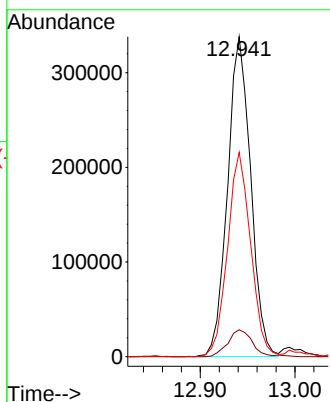
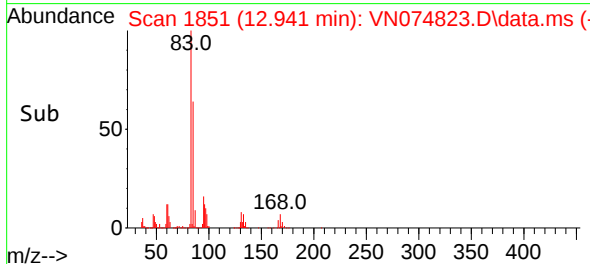
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



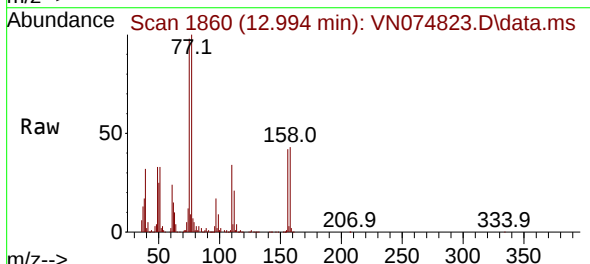
Tgt Ion: 83 Resp: 573100
Ion Ratio Lower Upper
83 100
131 9.0 4.3 12.8
85 63.9 32.9 98.6

Manual Integrations
APPROVED

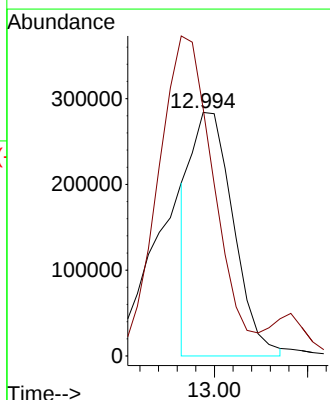
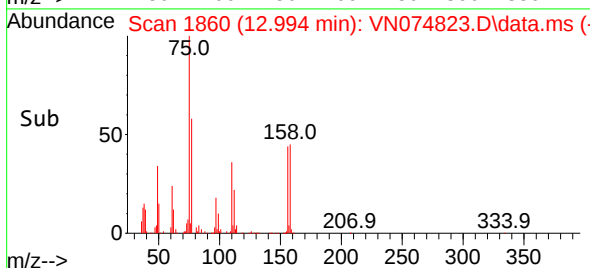
Reviewed By :John Carlone 10/10/2022
Supervised By :Mahesh Dadoda 10/10/2022

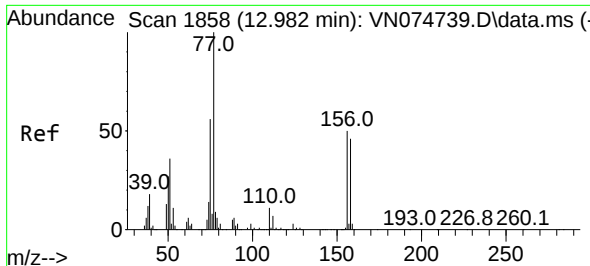


#76
1,2,3-Trichloropropane
Concen: 42.608 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN074823.D
Acq: 07 Oct 2022 19:57



Tgt Ion: 75 Resp: 449042
Ion Ratio Lower Upper
75 100
77 173.2 76.9 230.7





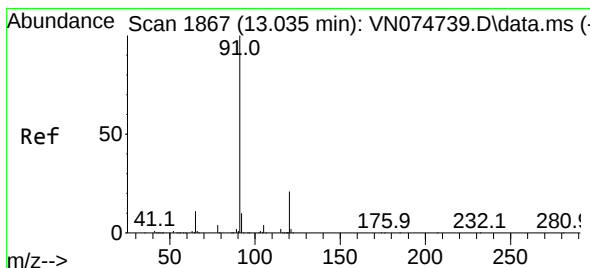
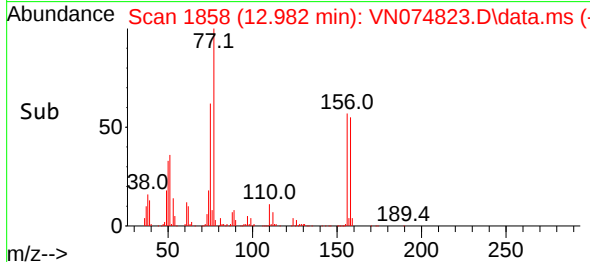
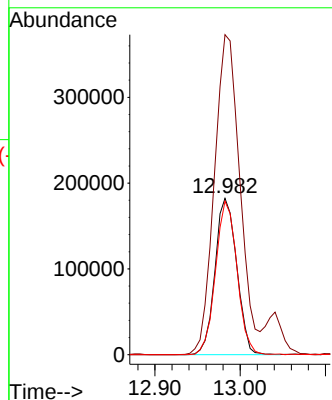
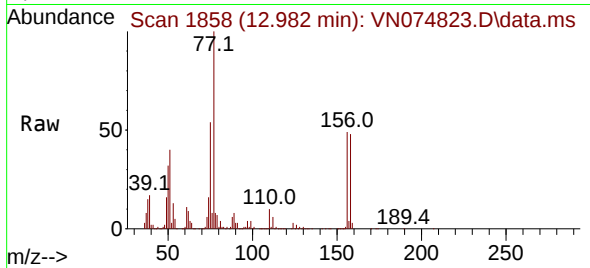
#77
Bromobenzene
Concen: 53.015 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN074823.D
Acq: 07 Oct 2022 19:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 322500
Ion Ratio Lower Upper
156 100
77 241.1 124.7 374.1
158 97.0 48.3 144.9

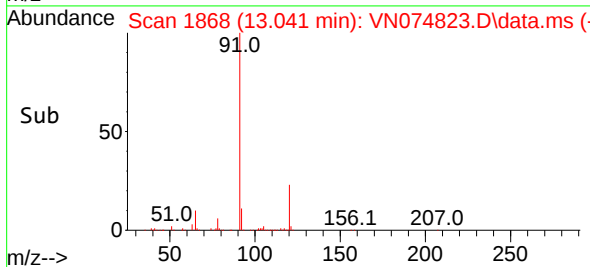
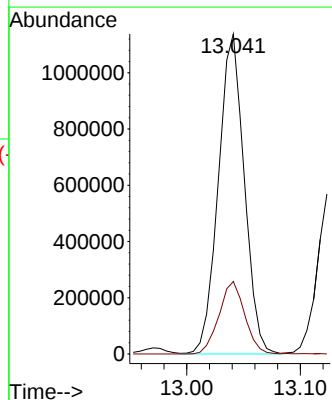
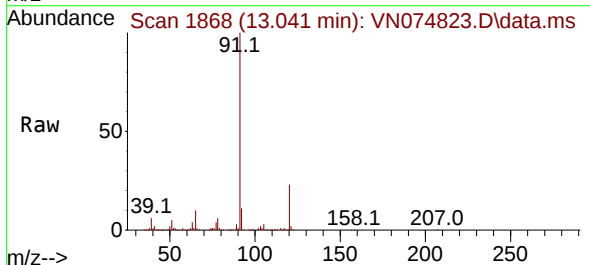
Manual Integrations
APPROVED

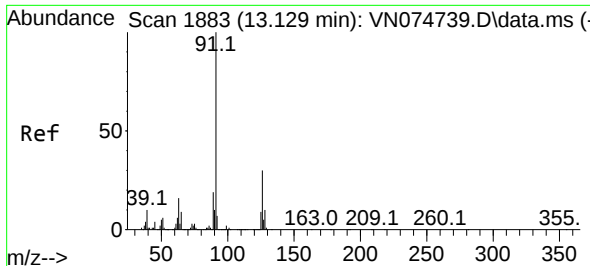
Reviewed By :John Carlone 10/10/2022
Supervised By :Mahesh Dadoda 10/10/2022



#78
n-propylbenzene
Concen: 46.022 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN074823.D
Acq: 07 Oct 2022 19:57

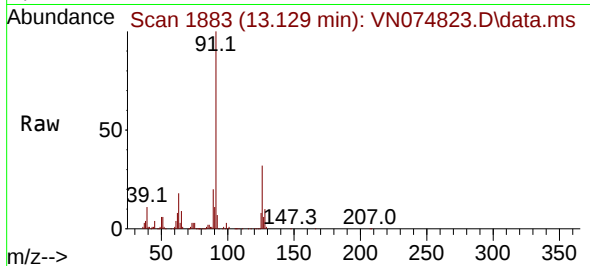
Tgt Ion: 91 Resp: 1801547
Ion Ratio Lower Upper
91 100
120 22.5 10.8 32.4





#79
2-Chlorotoluene
Concen: 44.584 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN074823.D
Acq: 07 Oct 2022 19:57

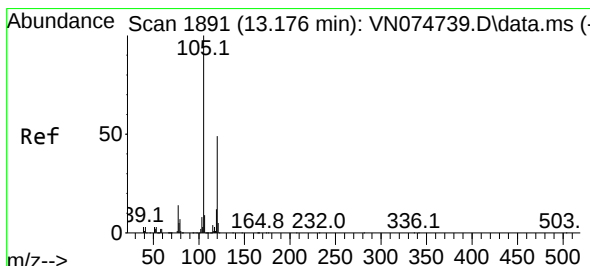
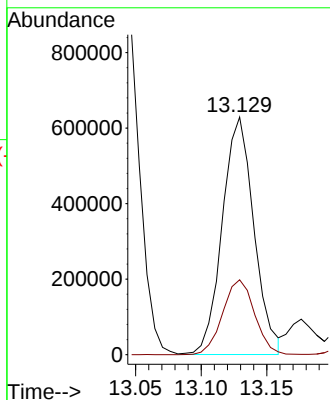
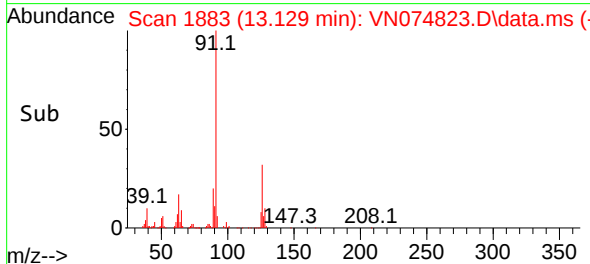
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



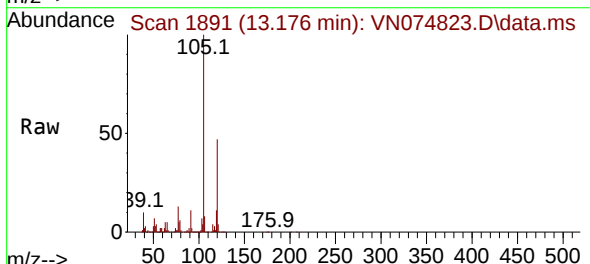
Tgt Ion: 91 Resp: 1058294
Ion Ratio Lower Upper
91 100
126 31.8 15.7 47.0

Manual Integrations
APPROVED

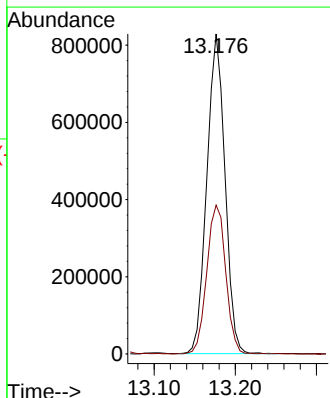
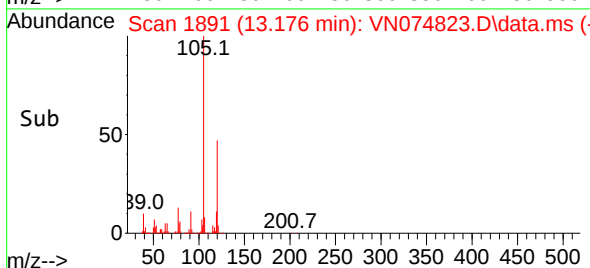
Reviewed By :John Carlone 10/10/2022
Supervised By :Mahesh Dadoda 10/10/2022

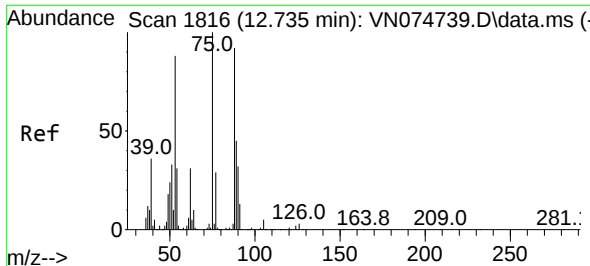


#80
1,3,5-Trimethylbenzene
Concen: 47.299 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN074823.D
Acq: 07 Oct 2022 19:57



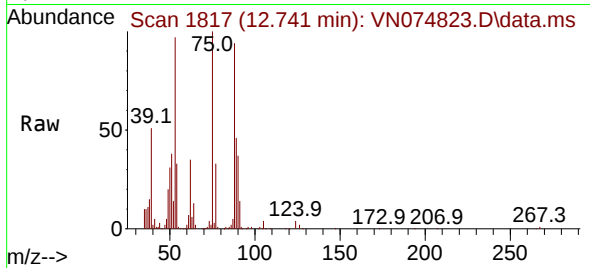
Tgt Ion:105 Resp: 1281752
Ion Ratio Lower Upper
105 100
120 48.7 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 39.550 ug/l
RT: 12.741 min Scan# 1816
Delta R.T. 0.006 min
Lab File: VN074823.D
Acq: 07 Oct 2022 19:57

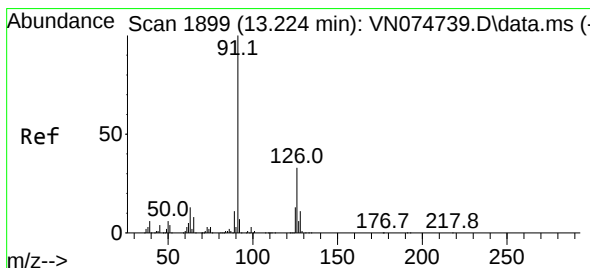
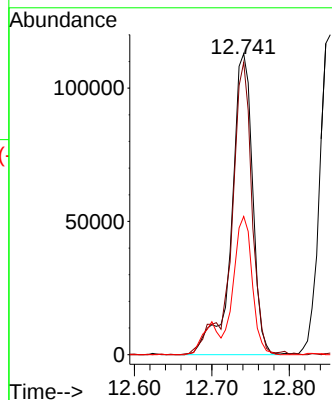
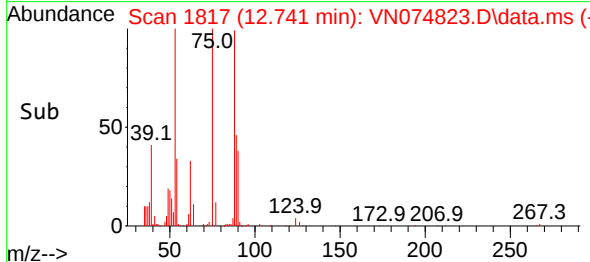
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 213934
Ion Ratio Lower Upper
75 100
53 94.2 71.4 107.0
89 40.4 32.1 48.1

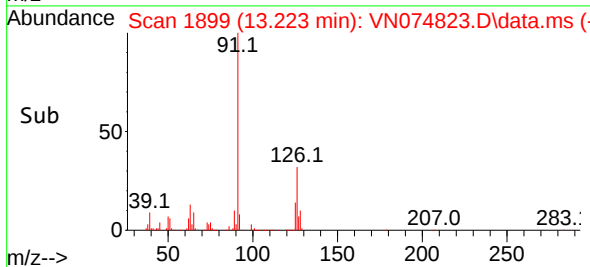
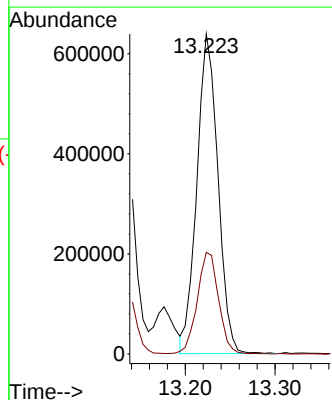
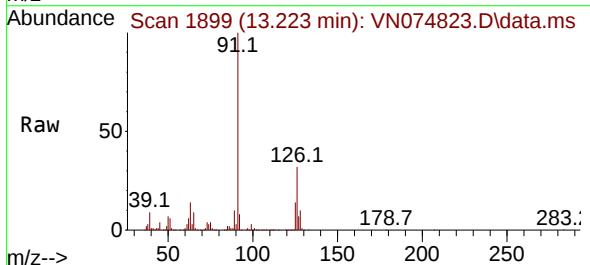
Manual Integrations
APPROVED

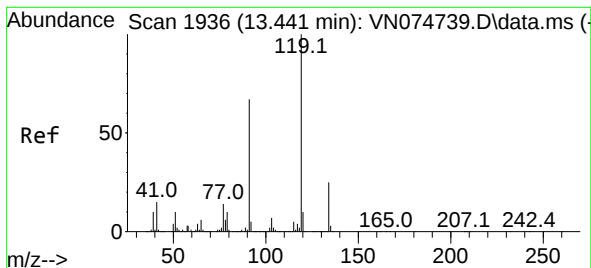
Reviewed By :John Carlone 10/10/2022
Supervised By :Mahesh Dadoda 10/10/2022



#82
4-Chlorotoluene
Concen: 47.367 ug/l
RT: 13.223 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN074823.D
Acq: 07 Oct 2022 19:57

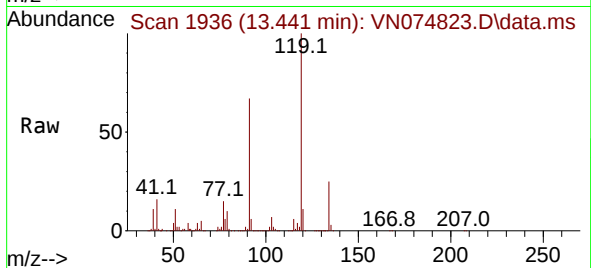
Tgt Ion: 91 Resp: 1042094
Ion Ratio Lower Upper
91 100
126 32.3 16.4 49.2





#83
tert-Butylbenzene
Concen: 49.288 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN074823.D
Acq: 07 Oct 2022 19:57

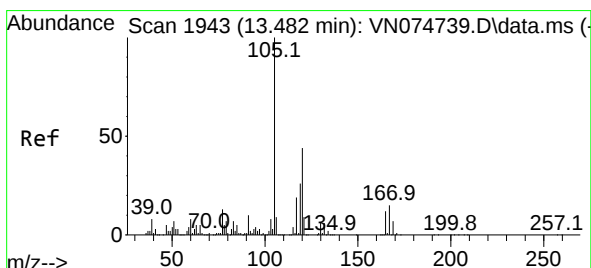
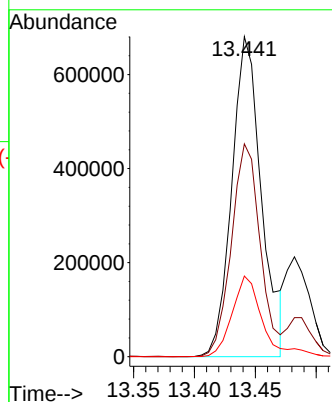
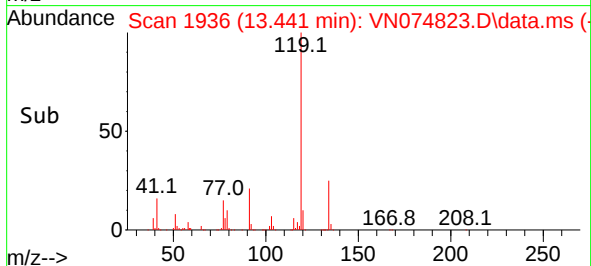
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



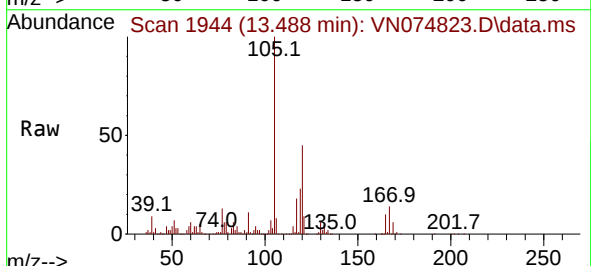
Tgt Ion:119 Resp: 115419
Ion Ratio Lower Upper
119 100
91 64.9 33.0 98.9
134 25.8 13.2 39.5

Manual Integrations
APPROVED

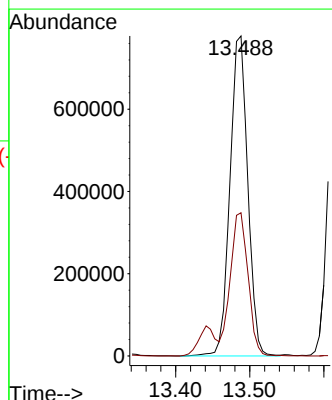
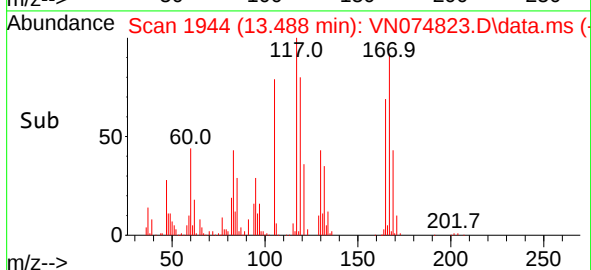
Reviewed By :John Carlone 10/10/2022
Supervised By :Mahesh Dadoda 10/10/2022

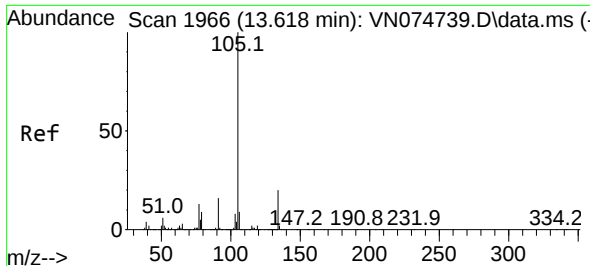


#84
1,2,4-Trimethylbenzene
Concen: 47.309 ug/l
RT: 13.488 min Scan# 1944
Delta R.T. 0.006 min
Lab File: VN074823.D
Acq: 07 Oct 2022 19:57



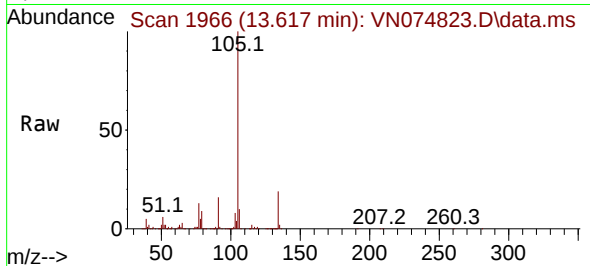
Tgt Ion:105 Resp: 1296315
Ion Ratio Lower Upper
105 100
120 44.8 21.7 65.1





#85
 sec-Butylbenzene
 Concen: 48.582 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN074823.D
 Acq: 07 Oct 2022 19:57

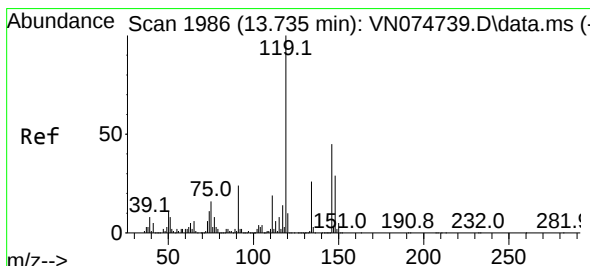
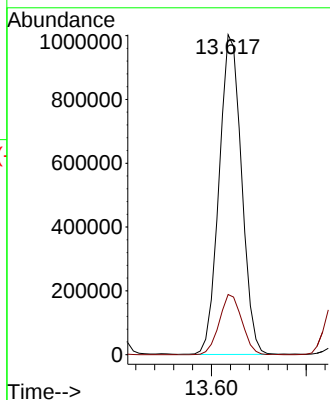
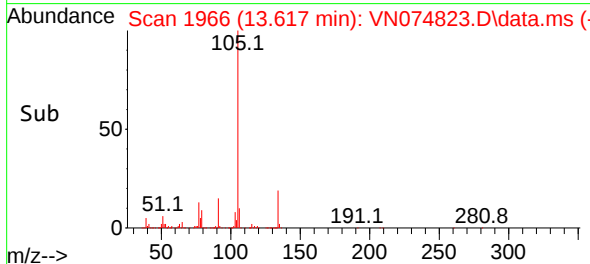
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



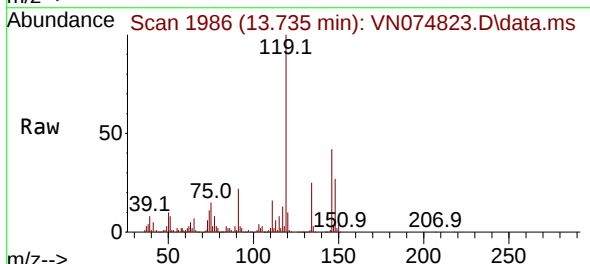
Tgt Ion:105 Resp: 1653230
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.4 28.2

Manual Integrations
 APPROVED

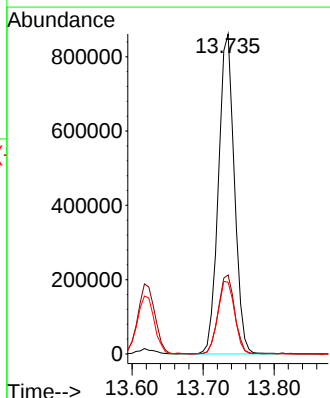
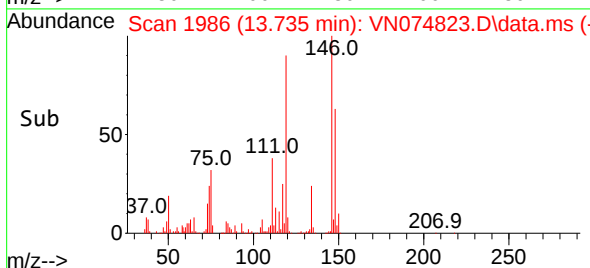
Reviewed By :John Carlone 10/10/2022
 Supervised By :Mahesh Dadoda 10/10/2022

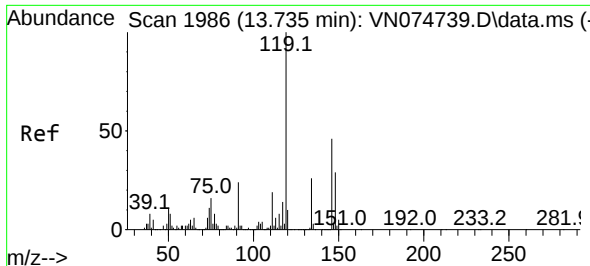


#86
 p-Isopropyltoluene
 Concen: 50.868 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN074823.D
 Acq: 07 Oct 2022 19:57



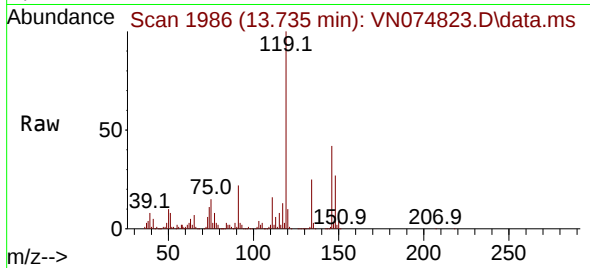
Tgt Ion:119 Resp: 1335831
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.1 39.1
 91 24.1 12.0 36.0





#87
 1,3-Dichlorobenzene
 Concen: 46.723 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN074823.D
 Acq: 07 Oct 2022 19:57

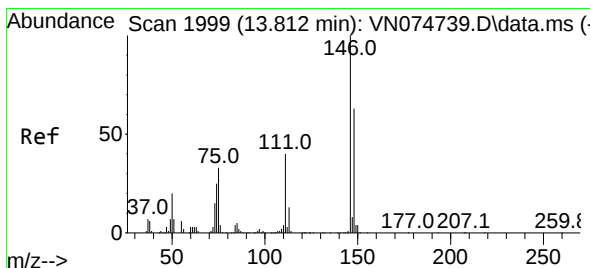
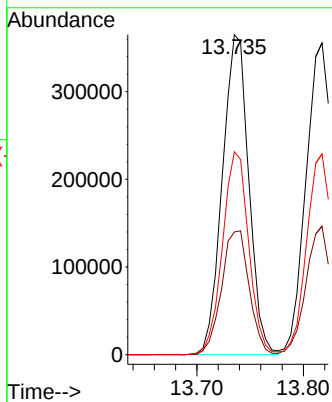
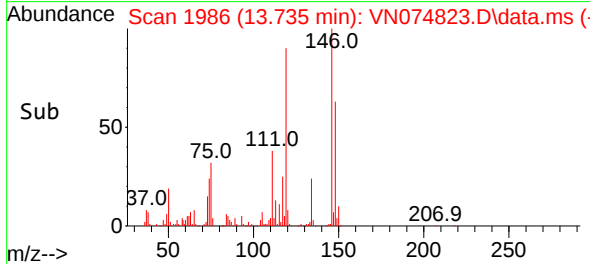
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



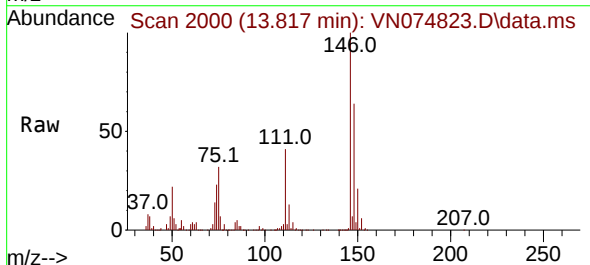
Tgt Ion:146 Resp: 629611
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.8 62.2
 148 62.8 31.5 94.5

Manual Integrations
 APPROVED

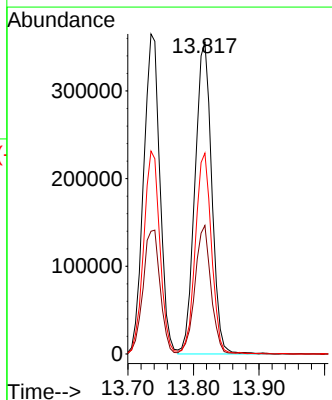
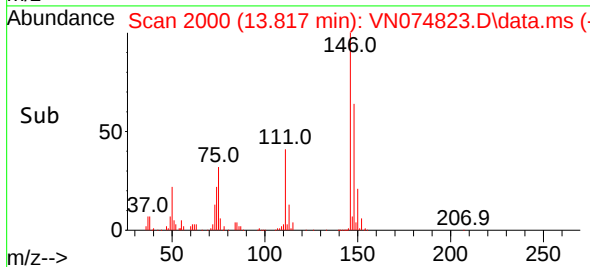
Reviewed By :John Carlone 10/10/2022
 Supervised By :Mahesh Dadoda 10/10/2022

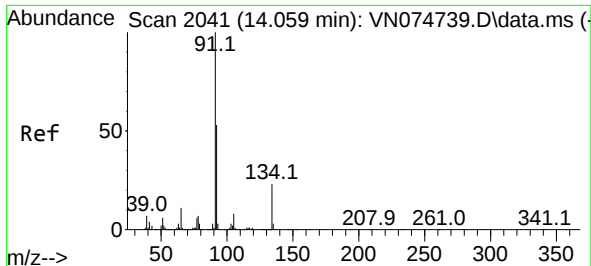


#88
 1,4-Dichlorobenzene
 Concen: 49.798 ug/l
 RT: 13.817 min Scan# 2000
 Delta R.T. 0.006 min
 Lab File: VN074823.D
 Acq: 07 Oct 2022 19:57



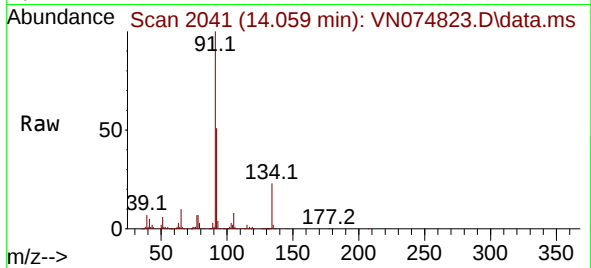
Tgt Ion:146 Resp: 633844
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.9 59.6
 148 61.8 31.8 95.4





#89
n-Butylbenzene
Concen: 49.915 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN074823.D
Acq: 07 Oct 2022 19:57

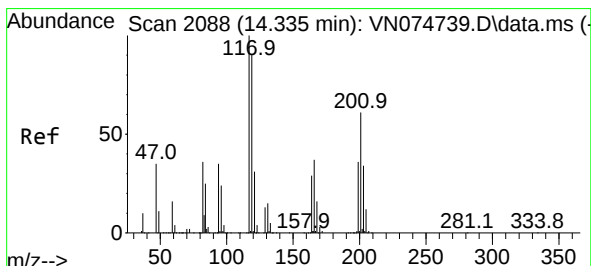
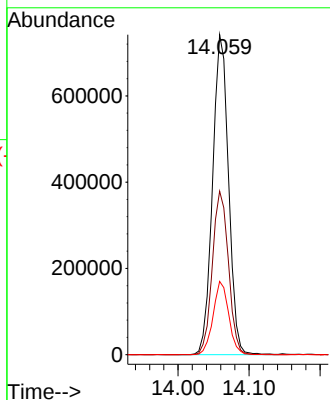
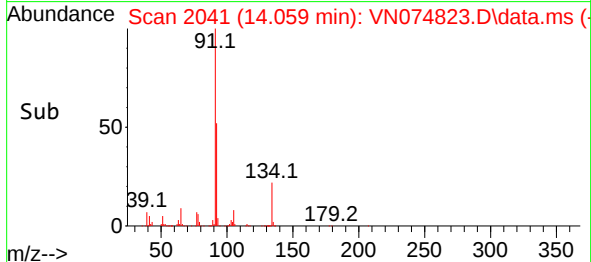
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 115534
Ion Ratio Lower Upper
91 100
92 51.6 26.7 80.0
134 22.5 11.9 35.5

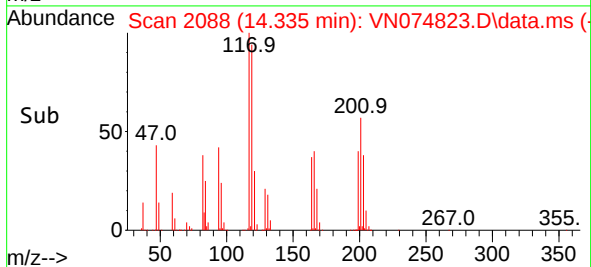
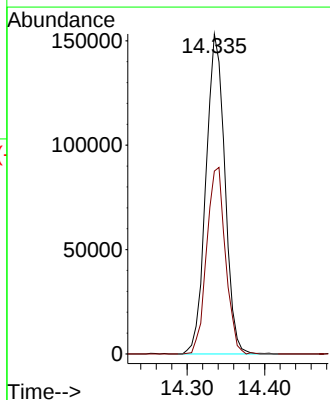
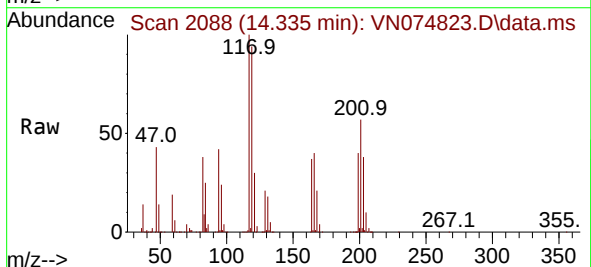
Manual Integrations
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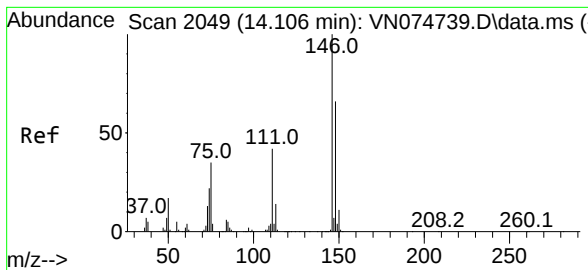
Reviewed By :John Carlone 10/10/2022
Supervised By :Mahesh Dadoda 10/10/2022



#90
Hexachloroethane
Concen: 44.154 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN074823.D
Acq: 07 Oct 2022 19:57

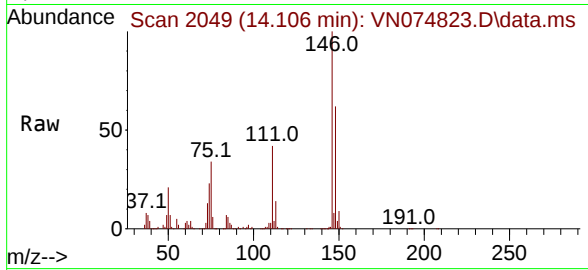
Tgt Ion:117 Resp: 259256
Ion Ratio Lower Upper
117 100
201 58.2 30.3 90.8





#91
1,2-Dichlorobenzene
Concen: 48.563 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN074823.D
Acq: 07 Oct 2022 19:57

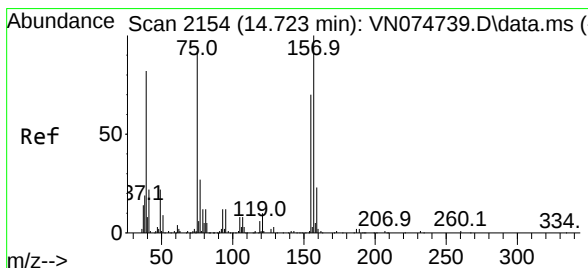
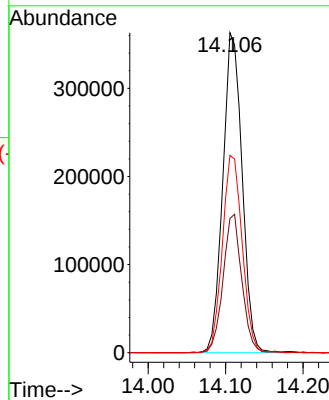
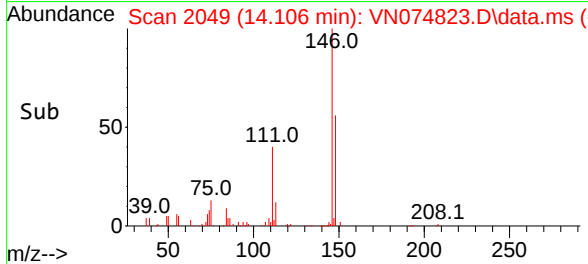
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



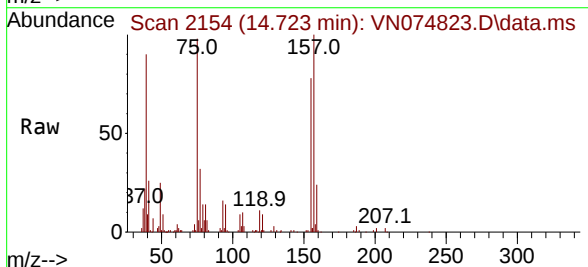
Tgt Ion:146 Resp: 630220
Ion Ratio Lower Upper
146 100
111 42.0 21.5 64.5
148 63.3 31.9 95.9

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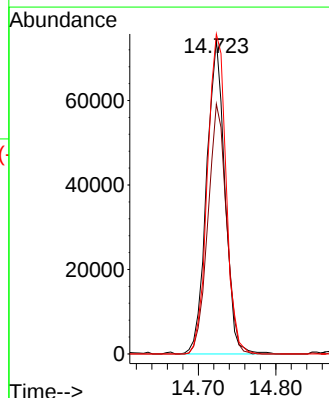
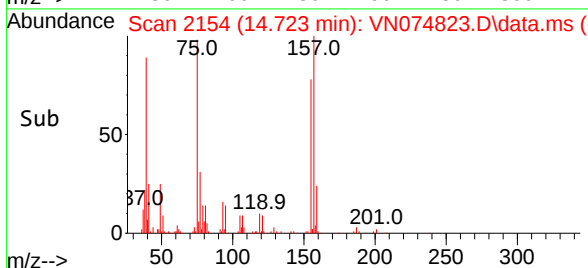
Reviewed By :John Carlone 10/10/2022
Supervised By :Mahesh Dadoda 10/10/2022

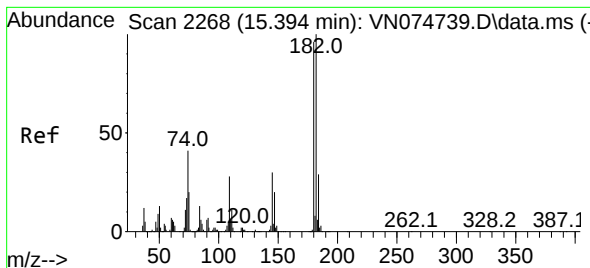


#92
1,2-Dibromo-3-Chloropropane
Concen: 43.278 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN074823.D
Acq: 07 Oct 2022 19:57



Tgt Ion: 75 Resp: 121885
Ion Ratio Lower Upper
75 100
155 80.5 40.3 120.8
157 103.6 51.3 153.9





#93

1,2,4-Trichlorobenzene

Concen: 49.368 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN074823.D

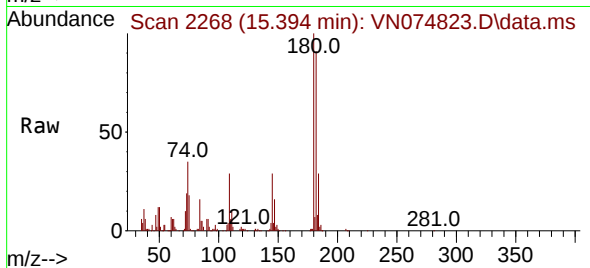
Acq: 07 Oct 2022 19:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



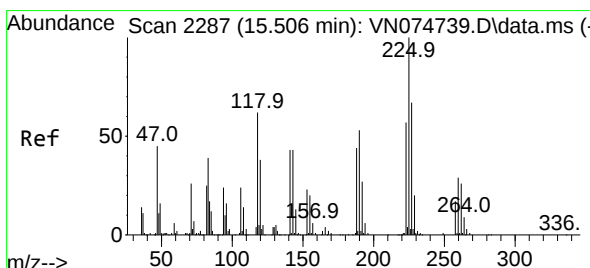
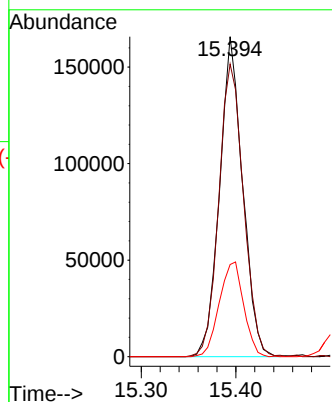
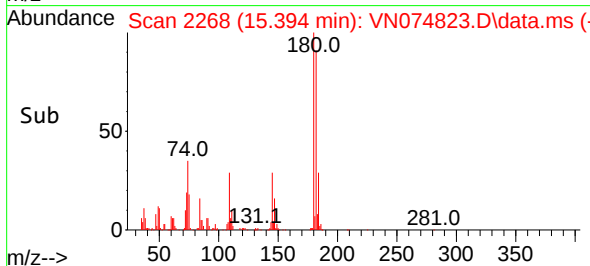
Tgt Ion:	180	Resp:	28024
Ion Ratio	Lower	Upper	
180	100		
182	97.9	48.5	145.5
145	31.3	16.1	48.3

Manual Integrations

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Reviewed By :John Carlone 10/10/2022

Supervised By :Mahesh Dadoda 10/10/2022



#94

Hexachlorobutadiene

Concen: 46.528 ug/l

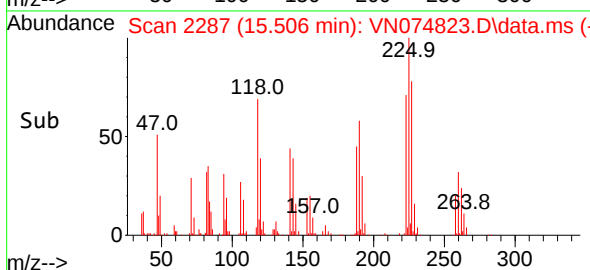
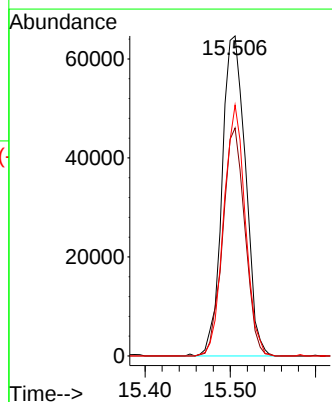
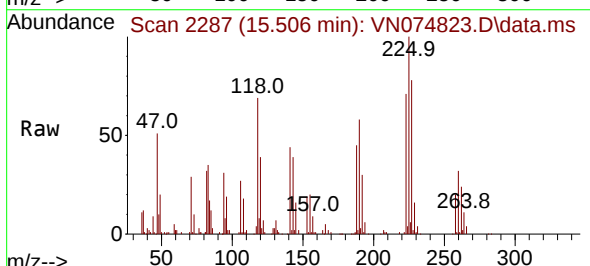
RT: 15.506 min Scan# 2287

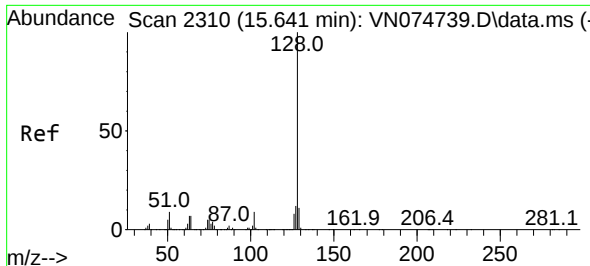
Delta R.T. -0.000 min

Lab File: VN074823.D

Acq: 07 Oct 2022 19:57

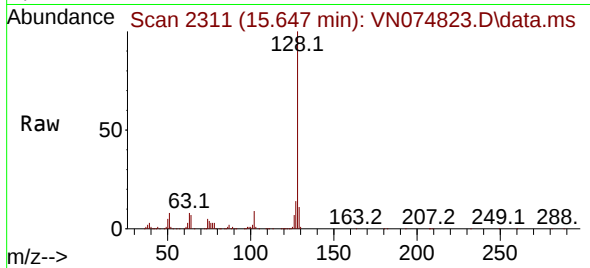
Tgt Ion:	225	Resp:	123554
Ion Ratio	Lower	Upper	
225	100		
223	67.4	31.7	95.1
227	72.0	31.2	93.6





#95
Naphthalene
Concen: 48.224 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN074823.D
Acq: 07 Oct 2022 19:57

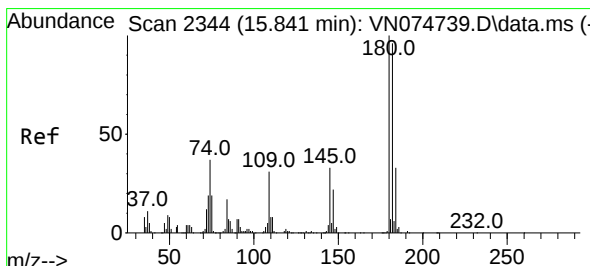
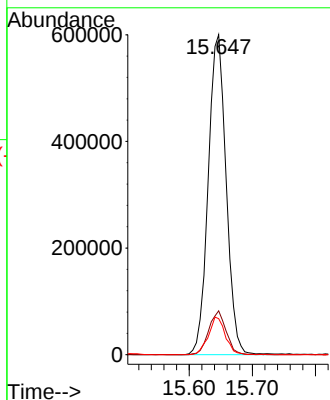
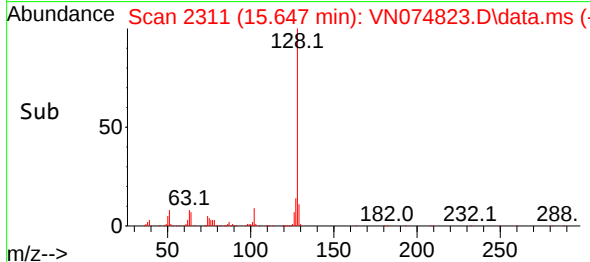
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 118348
Ion Ratio Lower Upper
128 100
127 13.3 10.2 15.2
129 11.1 9.0 13.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/10/2022
Supervised By :Mahesh Dadoda 10/10/2022



#96
1,2,3-Trichlorobenzene
Concen: 51.039 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN074823.D
Acq: 07 Oct 2022 19:57

Tgt Ion:180 Resp: 286238
Ion Ratio Lower Upper
180 100
182 94.8 47.3 142.0
145 33.2 17.1 51.2

