

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101022\
 Data File : VN074825.D
 Acq On : 10 Oct 2022 11:52
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/11/2022
 Supervised By : Mahesh Dadoda 10/11/2022

Quant Time: Oct 11 06:20:46 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	280999	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	492633	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	553128	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	361773	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	342557	51.450	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.900%			
35) Dibromofluoromethane	8.171	113	276825	55.617	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.240%			
50) Toluene-d8	10.571	98	1163286	54.468	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.940%			
62) 4-Bromofluorobenzene	12.853	95	360952	55.597	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.200%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	283006	49.110	ug/l	93
3) Chloromethane	2.377	50	381660	44.534	ug/l	96
4) Vinyl Chloride	2.530	62	563869	53.140	ug/l	100
5) Bromomethane	2.942	94	431021	57.605	ug/l	95
6) Chloroethane	3.118	64	430116	54.785	ug/l	94
7) Trichlorofluoromethane	3.506	101	429468	51.355	ug/l	93
8) Diethyl Ether	3.983	74	186267	42.696	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.389	101	261400	51.023	ug/l	99
10) Methyl Iodide	4.612	142	302012	48.749	ug/l	98
11) Tert butyl alcohol	5.547	59	433077	194.212	ug/l	98
12) 1,1-Dichloroethene	4.359	96	247361	45.358	ug/l	97
13) Acrolein	4.195	56	129712	249.978	ug/l	99
14) Allyl chloride	5.047	41	465347	41.518	ug/l #	85
15) Acrylonitrile	5.742	53	1163961	239.318	ug/l	99
16) Acetone	4.447	43	1075528	285.050	ug/l	97
17) Carbon Disulfide	4.724	76	646190	43.359	ug/l	96
18) Methyl Acetate	5.047	43	671774	48.089	ug/l	97
19) Methyl tert-butyl Ether	5.818	73	1018246	47.992	ug/l	98
20) Methylene Chloride	5.300	84	317035	52.941	ug/l	95
21) trans-1,2-Dichloroethene	5.800	96	271079	46.469	ug/l	93
22) Diisopropyl ether	6.689	45	1171867	49.227	ug/l	96
23) Vinyl Acetate	6.618	43	4522285	231.264	ug/l	98
24) 1,1-Dichloroethane	6.583	63	602456	49.086	ug/l	98
25) 2-Butanone	7.494	43	1735647	253.465	ug/l	95
26) 2,2-Dichloropropane	7.506	77	516417	51.013	ug/l	96
27) cis-1,2-Dichloroethene	7.500	96	344342	49.585	ug/l	99
28) Bromochloromethane	7.830	49	299218	54.032	ug/l	99
29) Tetrahydrofuran	7.847	42	1161325	243.335	ug/l	99
30) Chloroform	7.977	83	598746	53.261	ug/l	94
31) Cyclohexane	8.265	56	548043	47.625	ug/l	98
32) 1,1,1-Trichloroethane	8.183	97	508350	53.052	ug/l	99
36) 1,1-Dichloropropene	8.377	75	436730	54.210	ug/l	98
37) Ethyl Acetate	7.494	43	1735647	53.712	ug/l #	52
38) Carbon Tetrachloride	8.371	117	415894	54.742	ug/l	99
39) Methylcyclohexane	9.606	83	548907	52.595	ug/l	95
40) Benzene	8.612	78	1386120	53.147	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	306085	48.081	ug/l	94
42) 1,2-Dichloroethane	8.683	62	450494	55.028	ug/l	98
43) Isopropyl Acetate	8.694	43	1048552	52.507	ug/l	98
44) Trichloroethene	9.359	130	289934	53.376	ug/l	99
45) 1,2-Dichloropropane	9.630	63	368974	52.249	ug/l	96
46) Dibromomethane	9.712	93	231864	55.954	ug/l	94
47) Bromodichloromethane	9.888	83	469509	55.457	ug/l	100
48) Methyl methacrylate	9.612	41	466344	56.881	ug/l #	95
49) 1,4-Dioxane	9.700	88	162081	912.142	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	3493535	271.668	ug/l	98
52) Toluene	10.629	92	876764	55.960	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	556313	55.149	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	573690	52.677	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	356332	56.562	ug/l	97
56) Ethyl methacrylate	10.877	69	620428	54.074	ug/l	99
57) 1,3-Dichloropropane	11.165	76	621336	54.722	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	1081103	261.234	ug/l	99
59) 2-Hexanone	11.200	43	2701437	277.729	ug/l	97
60) Dibromochloromethane	11.365	129	352941	56.871	ug/l	99
61) 1,2-Dibromoethane	11.471	107	352387	55.010	ug/l	99
64) Tetrachloroethene	11.106	164	236422	52.652	ug/l	99
65) Chlorobenzene	11.894	112	884809	52.216	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	321995	52.041	ug/l	99
67) Ethyl Benzene	11.965	91	1735953	54.962	ug/l	99
68) m/p-Xylenes	12.071	106	1309581	110.452	ug/l	98
69) o-Xylene	12.400	106	650316	53.461	ug/l	96
70) Styrene	12.412	104	1091627	56.925	ug/l	98
71) Bromoform	12.576	173	256738	54.397	ug/l #	99
73) Isopropylbenzene	12.700	105	1695334	48.698	ug/l	99
74) N-amyl acetate	12.494	43	936513	44.493	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	618120	55.090	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	459800m	42.582	ug/l	
77) Bromobenzene	12.982	156	342307	55.015	ug/l	98
78) n-propylbenzene	13.035	91	2076331	51.770	ug/l	100
79) 2-Chlorotoluene	13.129	91	1162389	47.795	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	1431144	51.546	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	247510	44.660	ug/l	97
82) 4-Chlorotoluene	13.223	91	1157091	51.333	ug/l	99
83) tert-Butylbenzene	13.441	119	1220176	50.856	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	1441394	51.342	ug/l	98
85) sec-Butylbenzene	13.617	105	1862225	53.412	ug/l	100
86) p-Isopropyltoluene	13.729	119	1494890	55.560	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	698285	50.576	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	690149	52.921	ug/l	98
89) n-Butylbenzene	14.059	91	1354433	57.113	ug/l	98
90) Hexachloroethane	14.335	117	279190	46.409	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	711977	53.548	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	122324	42.393	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	323466	55.616	ug/l	99
94) Hexachlorobutadiene	15.500	225	145806	53.591	ug/l	98
95) Naphthalene	15.641	128	1286593	51.168	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	317639	55.358	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

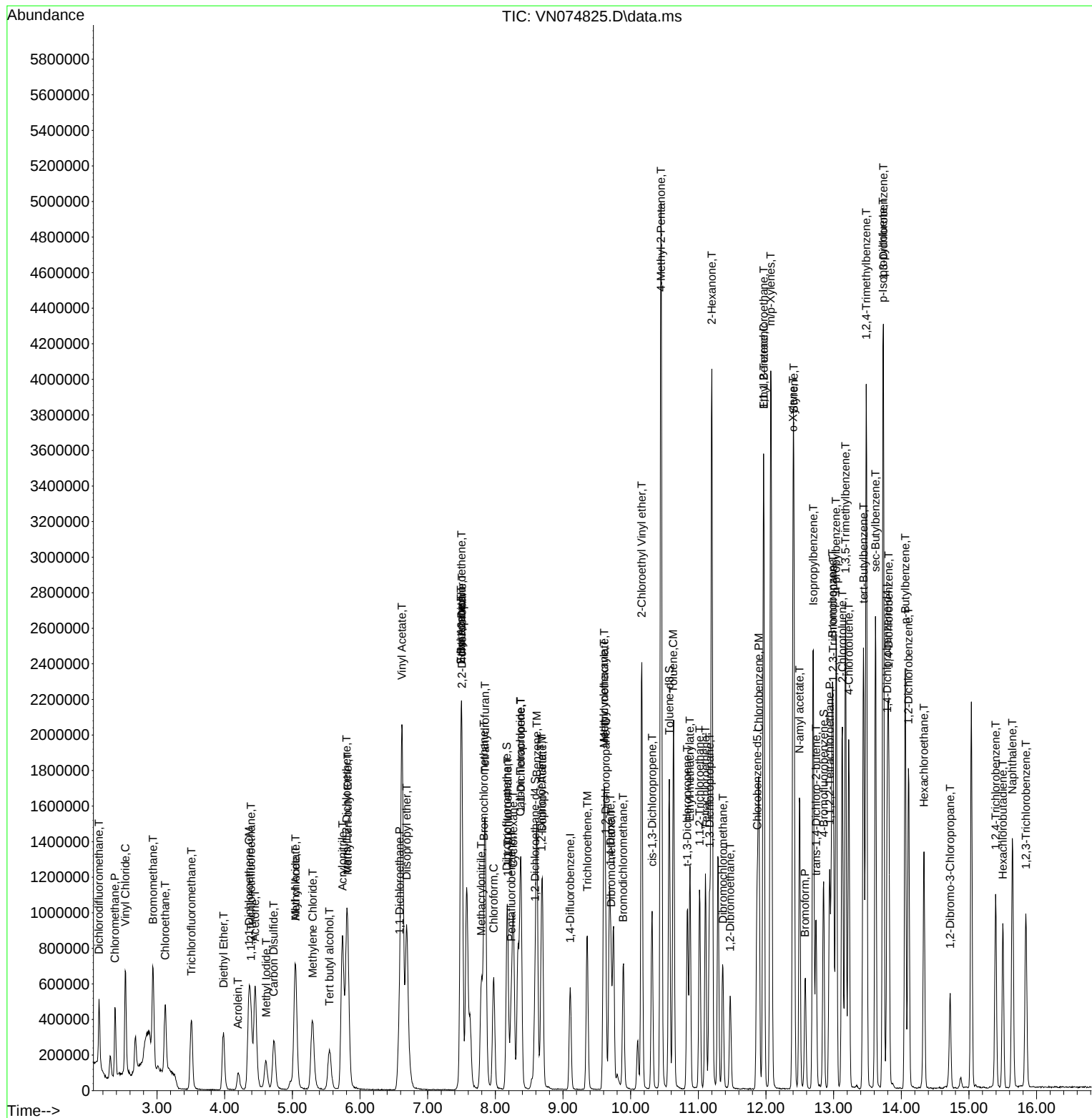
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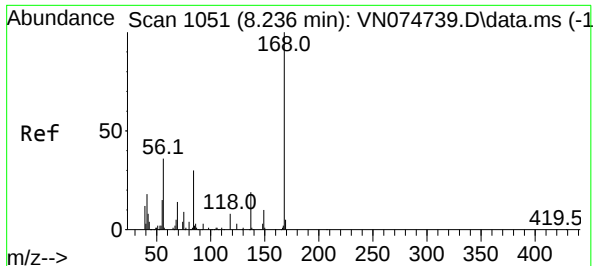
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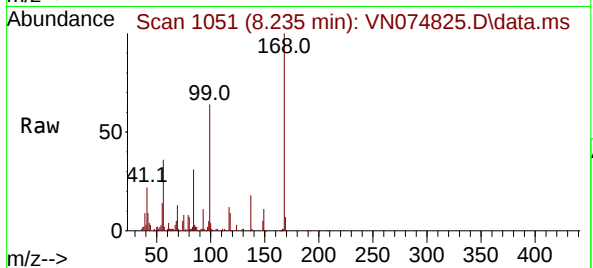
Reviewed By : John Carlone 10/11/2022
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. -0.001 min
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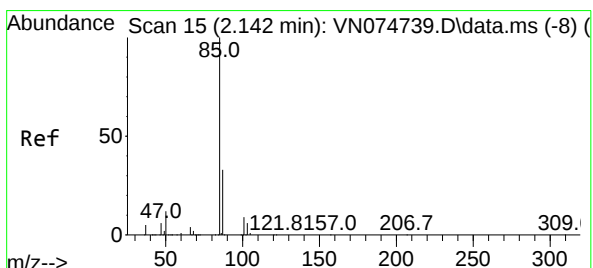
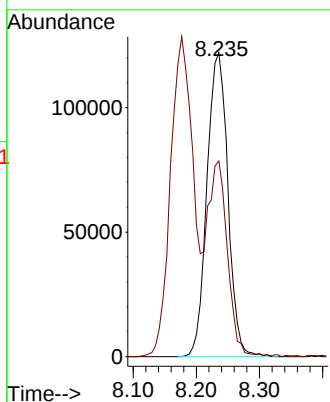
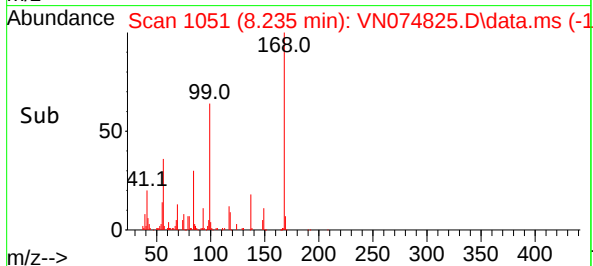
Instrument :
MSVOA_N
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VSTDCCC050



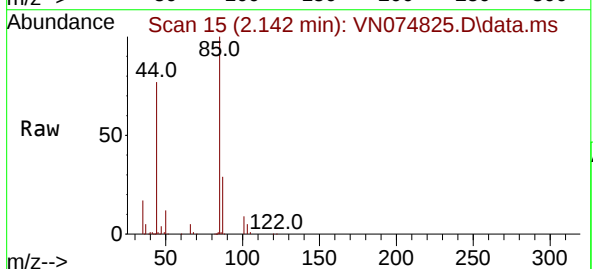
Tgt Ion:168 Resp: 280999
Ion Ratio Lower Upper
168 100
99 63.8 42.8 64.2

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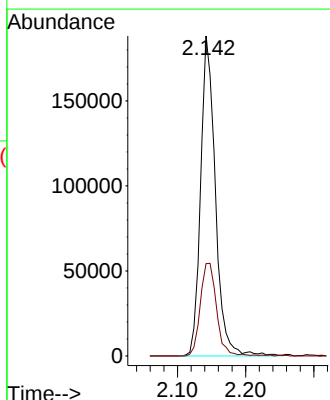
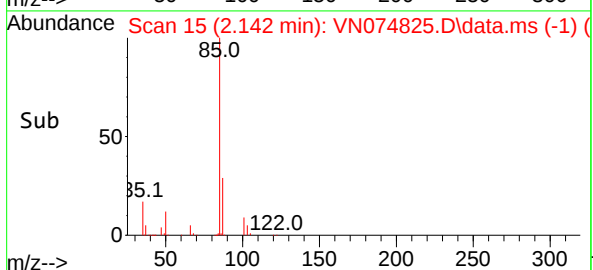
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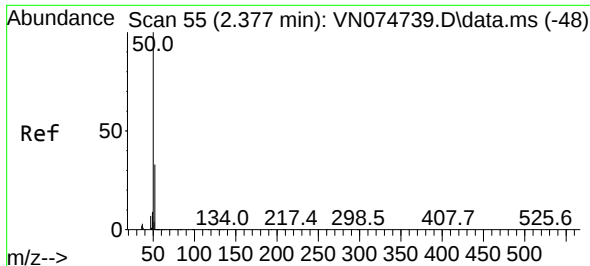


#2
Dichlorodifluoromethane
Concen: 49.110 ug/l
RT: 2.142 min Scan# 15
Delta R.T. -0.000 min
Lab File: VN074825.D
Acq: 10 Oct 2022 11:52



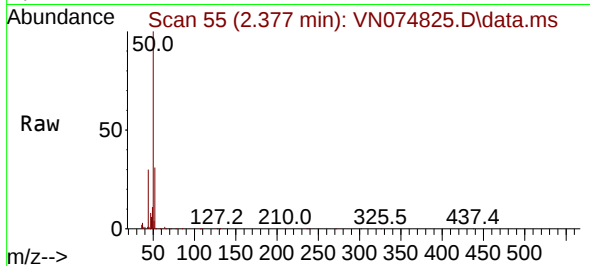
Tgt Ion: 85 Resp: 283006
Ion Ratio Lower Upper
85 100
87 28.9 16.3 48.9





#3
Chloromethane
Concen: 44.534 ug/l
RT: 2.377 min Scan# 50
Delta R.T. -0.000 min
Lab File: VN074825.D
Acq: 10 Oct 2022 11:52

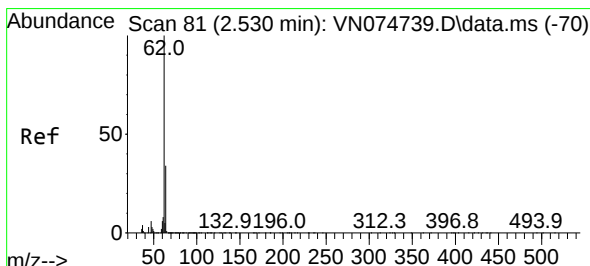
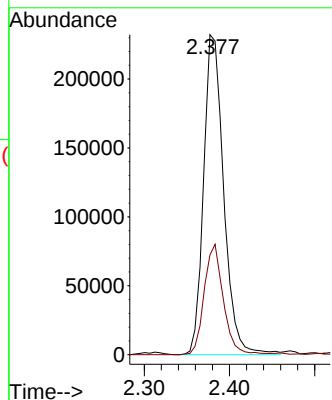
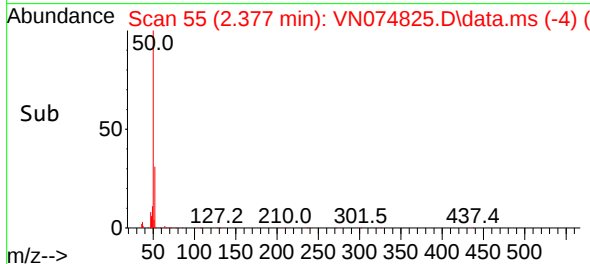
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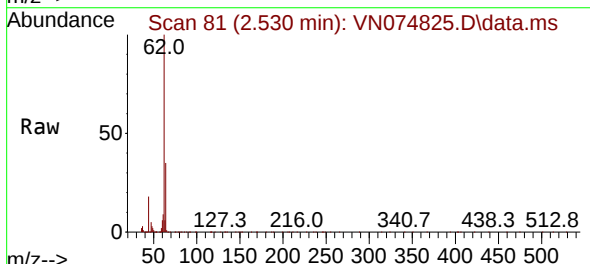
Tgt Ion: 50 Resp: 381660
Ion Ratio Lower Upper
50 100
52 31.1 26.7 40.1

Manual Integrations
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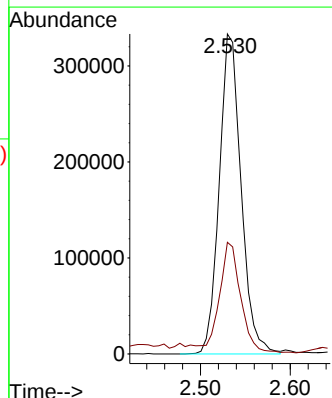
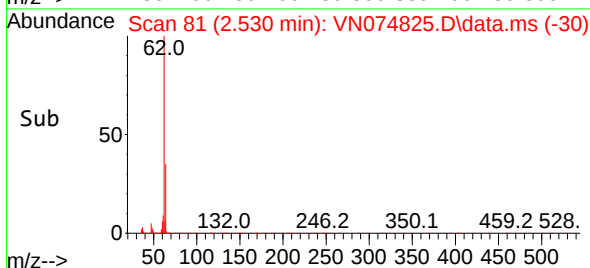
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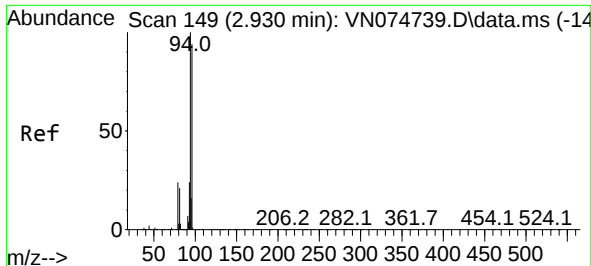


#4
Vinyl Chloride
Concen: 53.140 ug/l
RT: 2.530 min Scan# 81
Delta R.T. -0.000 min
Lab File: VN074825.D
Acq: 10 Oct 2022 11:52



Tgt Ion: 62 Resp: 563869
Ion Ratio Lower Upper
62 100
64 34.4 27.4 41.2





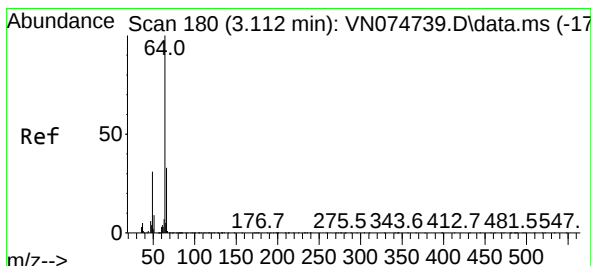
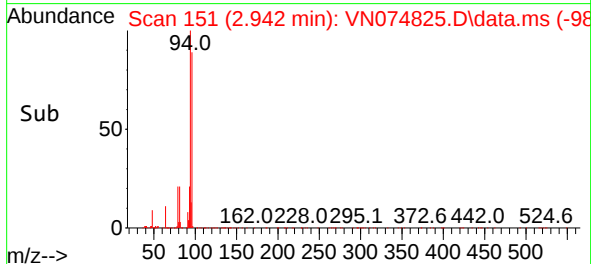
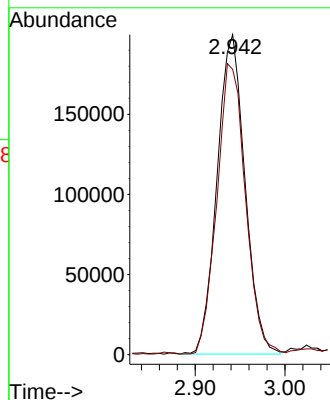
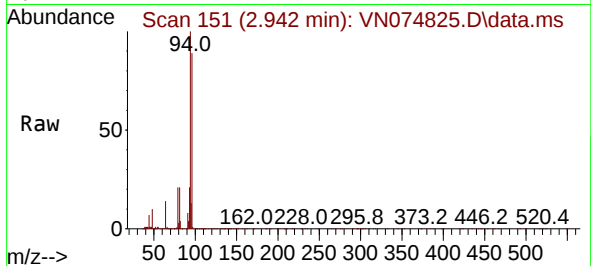
#5
Bromomethane
Concen: 57.605 ug/l
RT: 2.942 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN074825.D
Acq: 10 Oct 2022 11:52

Instrument :
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VSTDCCC050

Tgt Ion: 94 Resp: 43102
Ion Ratio Lower Upper
94 100
96 89.0 75.0 112.6

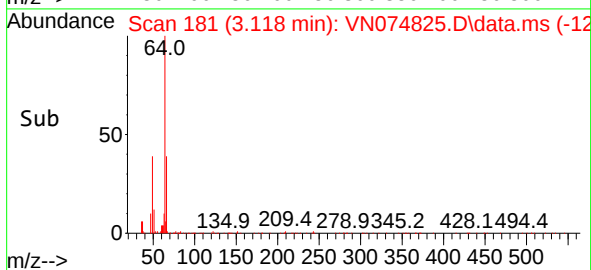
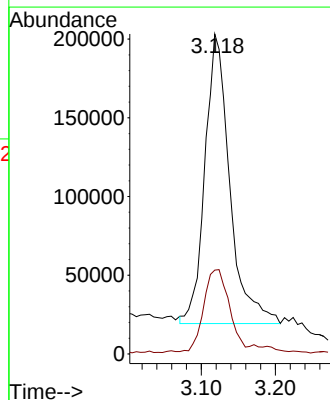
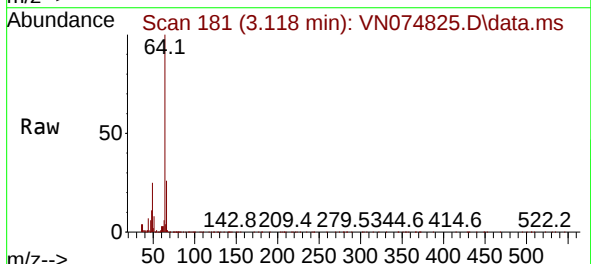
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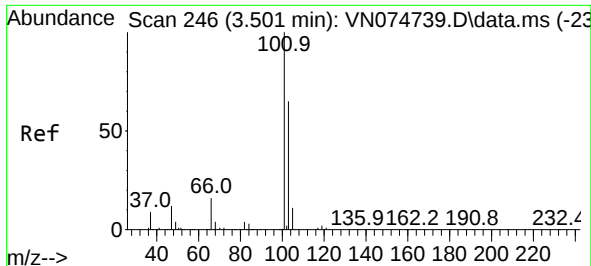
Reviewed By :John Carlone 10/11/2022
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#6
Chloroethane
Concen: 54.785 ug/l
RT: 3.118 min Scan# 181
Delta R.T. 0.006 min
Lab File: VN074825.D
Acq: 10 Oct 2022 11:52

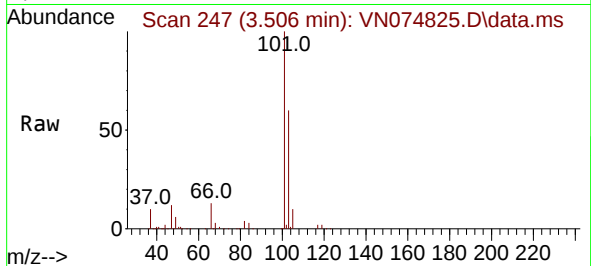
Tgt Ion: 64 Resp: 430116
Ion Ratio Lower Upper
64 100
66 28.1 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 51.355 ug/l
 RT: 3.506 min Scan# 246
 Delta R.T. 0.006 min
 Lab File: VN074825.D
 Acq: 10 Oct 2022 11:52

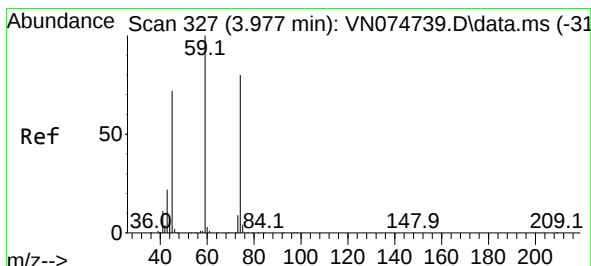
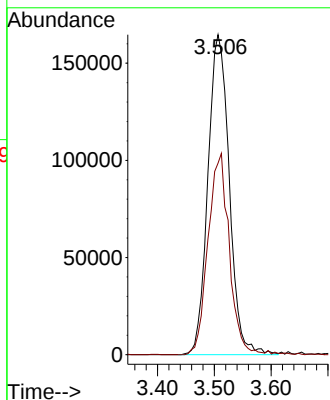
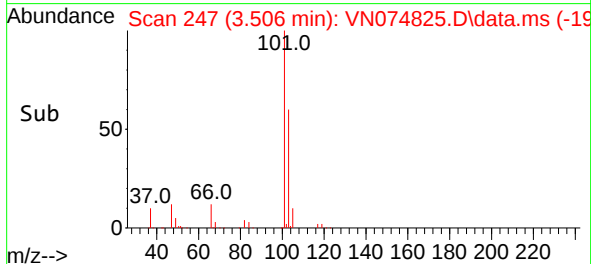
Instrument :
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Tgt Ion:101 Resp: 429468
 Ion Ratio Lower Upper
 101 100
 103 59.8 52.0 78.0

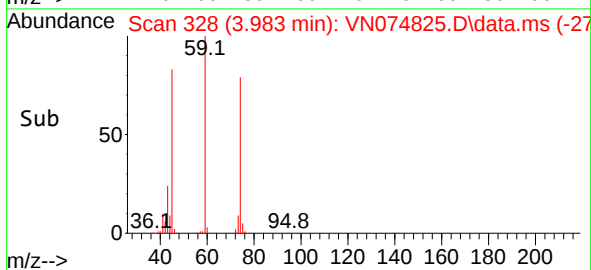
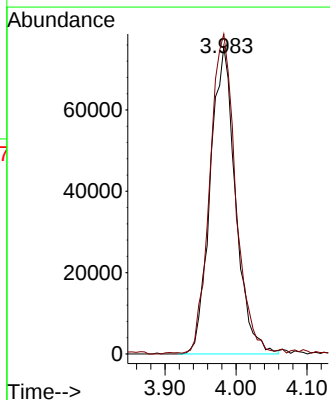
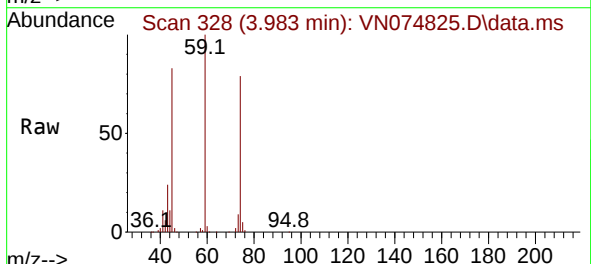
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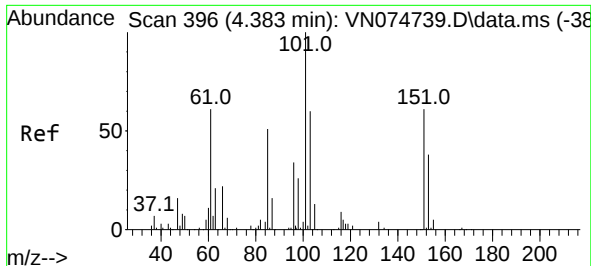
Reviewed By :John Carlone 10/11/2022
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#8
 Diethyl Ether
 Concen: 42.696 ug/l
 RT: 3.983 min Scan# 328
 Delta R.T. 0.006 min
 Lab File: VN074825.D
 Acq: 10 Oct 2022 11:52

Tgt Ion: 74 Resp: 186267
 Ion Ratio Lower Upper
 74 100
 45 105.8 48.2 144.6





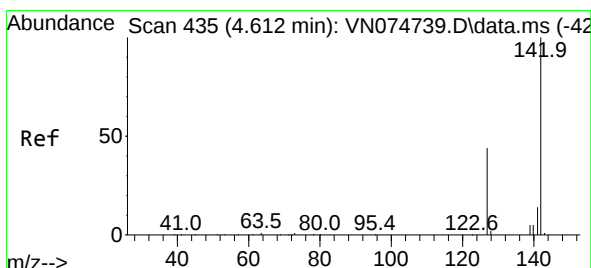
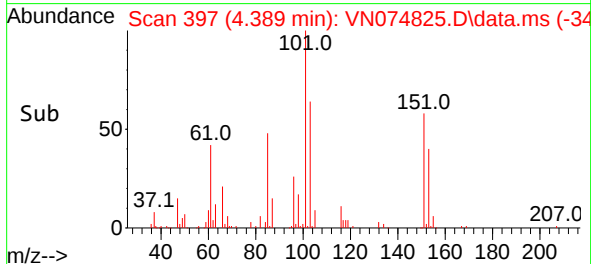
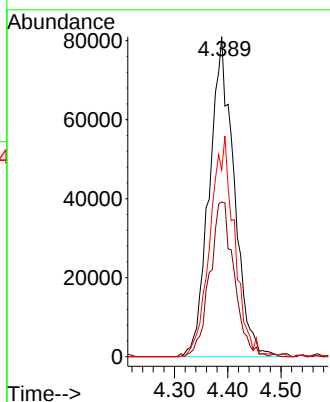
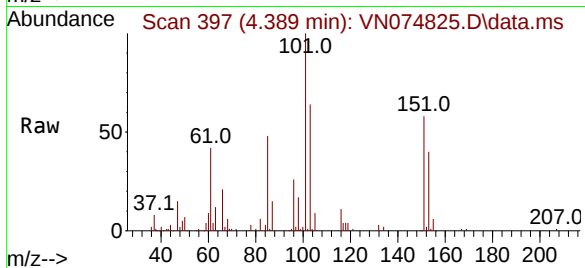
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.023 ug/l
RT: 4.389 min Scan# 396
Delta R.T. 0.006 min
Lab File: VN074825.D
Acq: 10 Oct 2022 11:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 261400
Ion Ratio Lower Upper
101 100
85 47.4 37.4 56.0
151 67.6 55.0 82.4

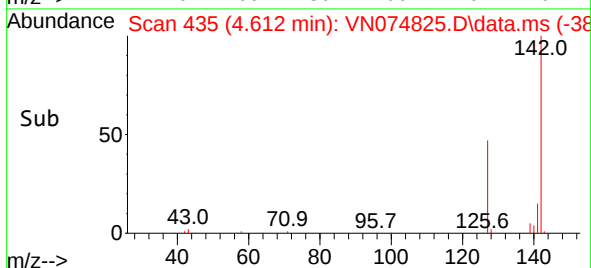
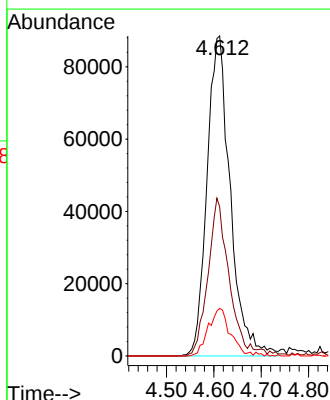
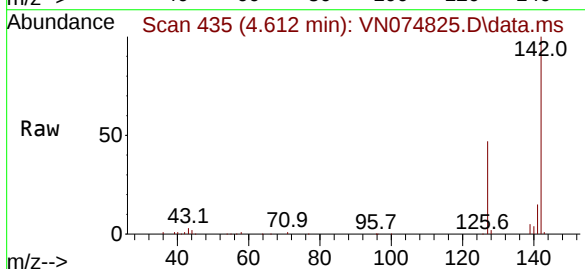
Manual Integrations
APPROVED

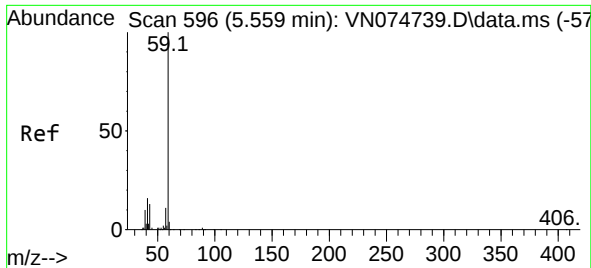
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#10
Methyl Iodide
Concen: 48.749 ug/l
RT: 4.612 min Scan# 435
Delta R.T. -0.000 min
Lab File: VN074825.D
Acq: 10 Oct 2022 11:52

Tgt Ion:142 Resp: 302012
Ion Ratio Lower Upper
142 100
127 44.3 34.4 51.6
141 14.0 11.0 16.6





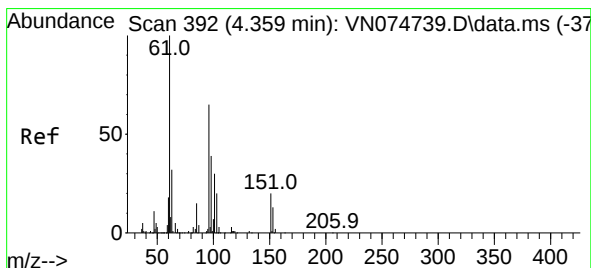
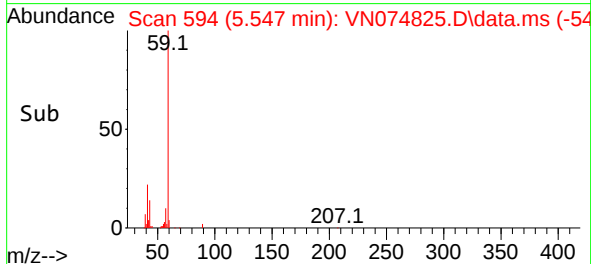
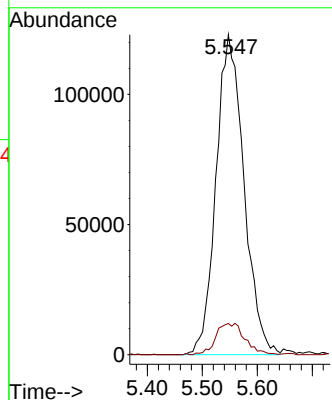
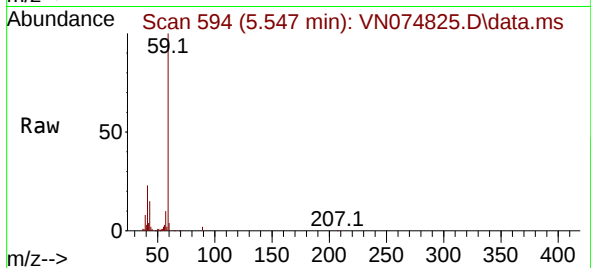
#11
Tert butyl alcohol
Concen: 194.212 ug/l
RT: 5.547 min Scan# 594
Delta R.T. -0.012 min
Lab File: VN074825.D
Acq: 10 Oct 2022 11:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 433072
Ion Ratio Lower Upper
59 100
57 10.2 7.7 11.5

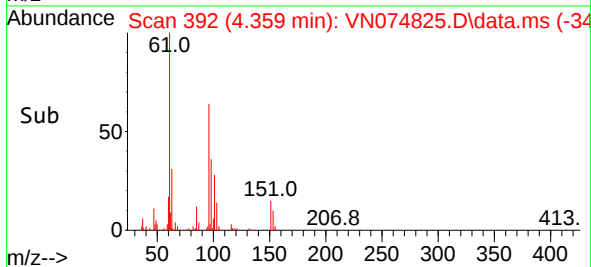
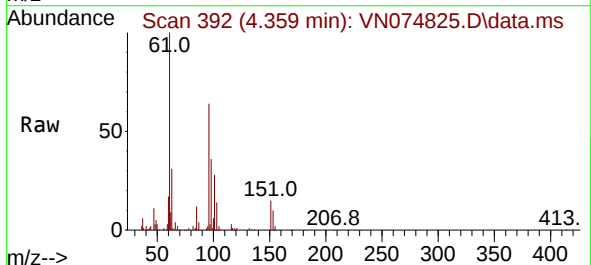
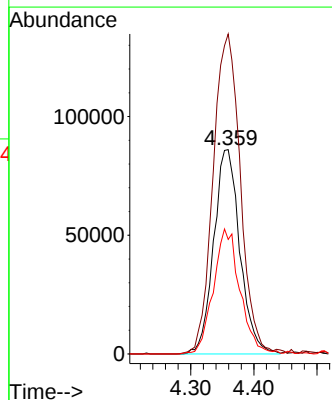
Manual Integrations
APPROVED

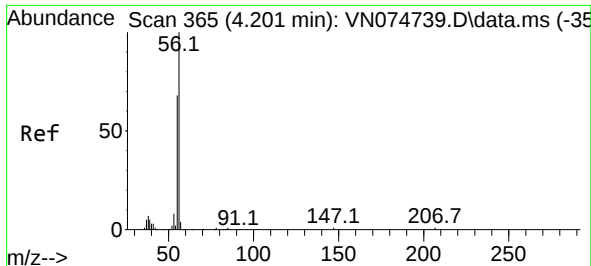
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#12
1,1-Dichloroethene
Concen: 45.358 ug/l
RT: 4.359 min Scan# 392
Delta R.T. -0.000 min
Lab File: VN074825.D
Acq: 10 Oct 2022 11:52

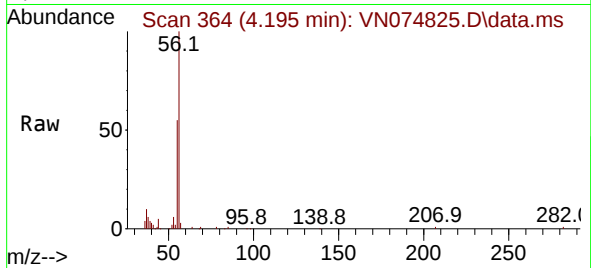
Tgt Ion: 96 Resp: 247361
Ion Ratio Lower Upper
96 100
61 156.5 123.9 185.9
98 56.1 48.8 73.2





#13
Acrolein
Concen: 249.978 ug/l
RT: 4.195 min Scan# 30
Delta R.T. -0.006 min
Lab File: VN074825.D
Acq: 10 Oct 2022 11:52

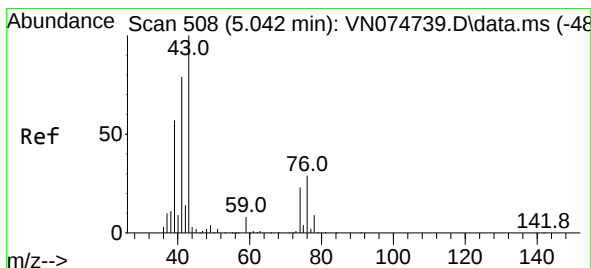
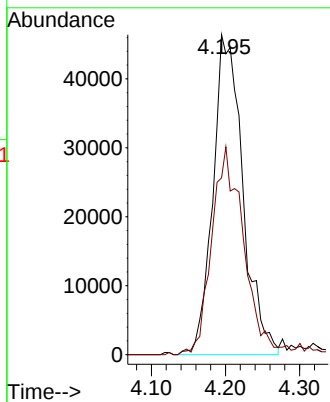
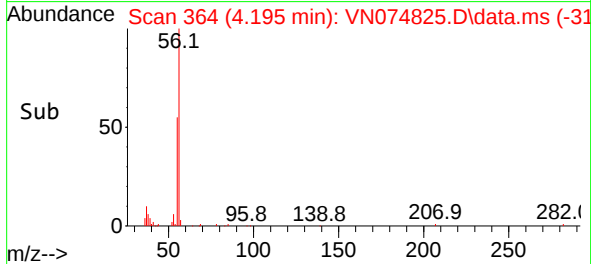
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 129712
Ion Ratio Lower Upper
56 100
55 69.2 54.9 82.3

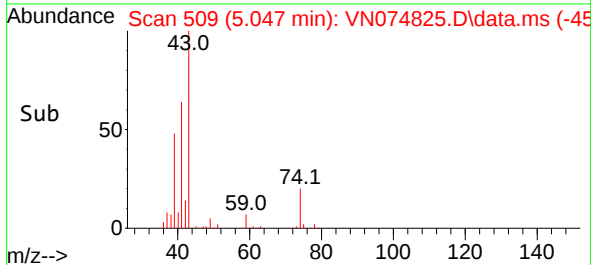
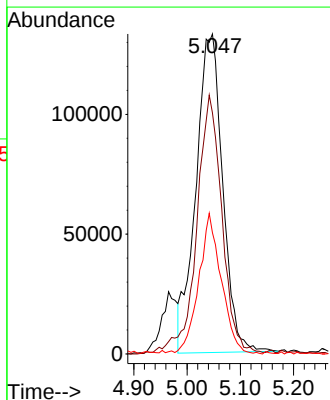
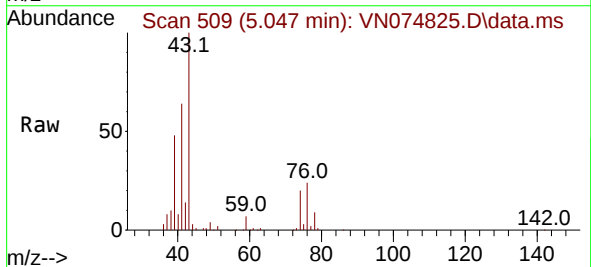
Manual Integrations
APPROVED

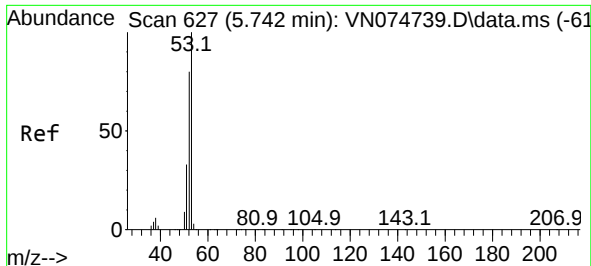
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#14
Allyl chloride
Concen: 41.518 ug/l
RT: 5.047 min Scan# 509
Delta R.T. 0.006 min
Lab File: VN074825.D
Acq: 10 Oct 2022 11:52

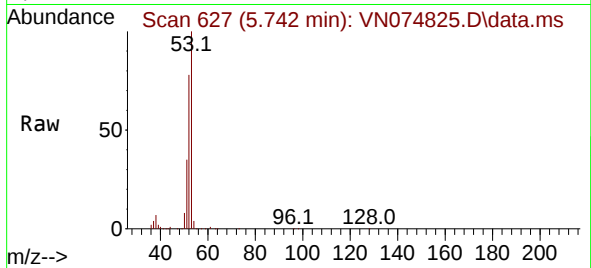
Tgt Ion: 41 Resp: 465347
Ion Ratio Lower Upper
41 100
39 76.7 50.2 75.2#
76 37.3 25.6 38.4





#15
Acrylonitrile
Concen: 239.318 ug/l
RT: 5.742 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN074825.D
Acq: 10 Oct 2022 11:52

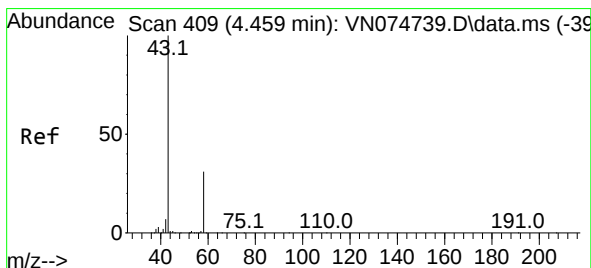
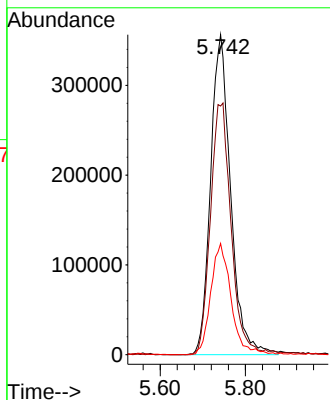
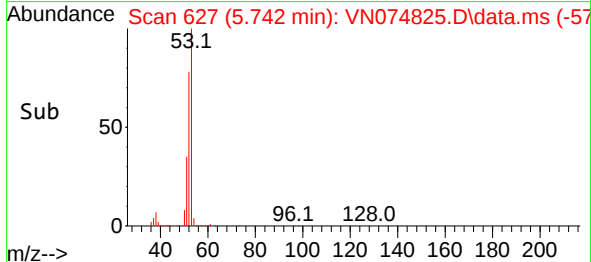
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



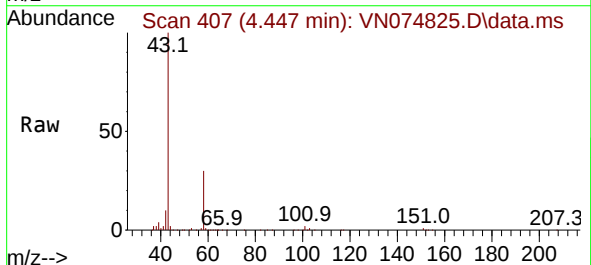
Tgt Ion: 53 Resp: 116396
Ion Ratio Lower Upper
53 100
52 80.6 64.3 96.5
51 35.3 27.5 41.3

Manual Integrations
APPROVED

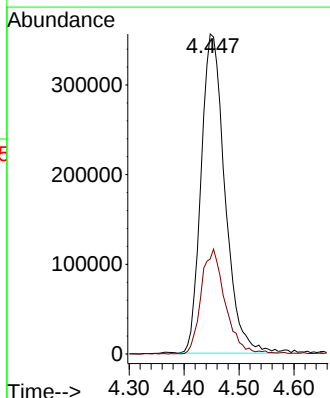
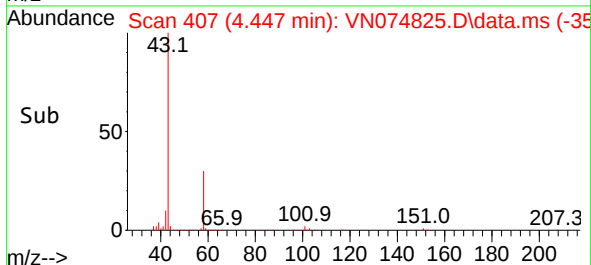
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022

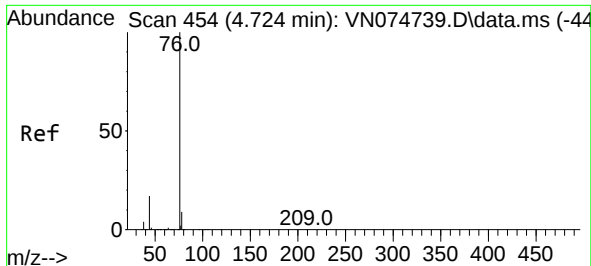


#16
Acetone
Concen: 285.050 ug/l
RT: 4.447 min Scan# 407
Delta R.T. -0.012 min
Lab File: VN074825.D
Acq: 10 Oct 2022 11:52



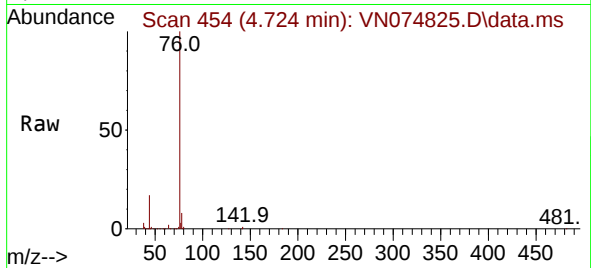
Tgt Ion: 43 Resp: 1075528
Ion Ratio Lower Upper
43 100
58 29.7 24.9 37.3





#17
Carbon Disulfide
Concen: 43.359 ug/l
RT: 4.724 min Scan# 454
Delta R.T. -0.000 min
Lab File: VN074825.D
Acq: 10 Oct 2022 11:52

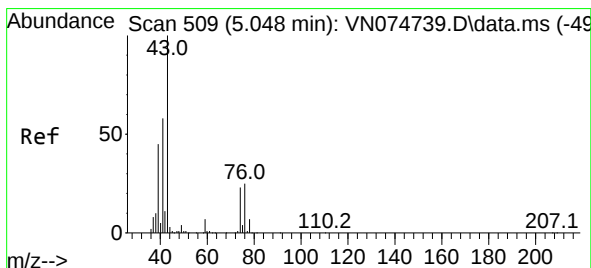
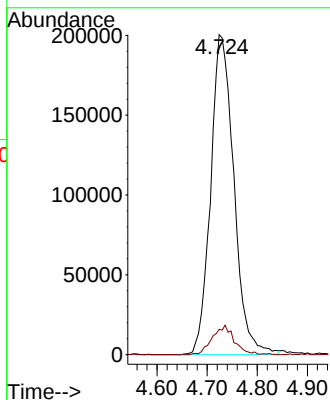
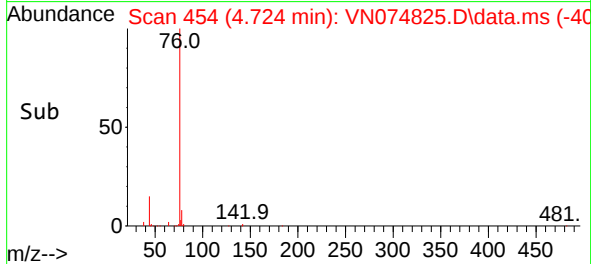
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 646190
Ion Ratio Lower Upper
76 100
78 7.9 7.5 11.3

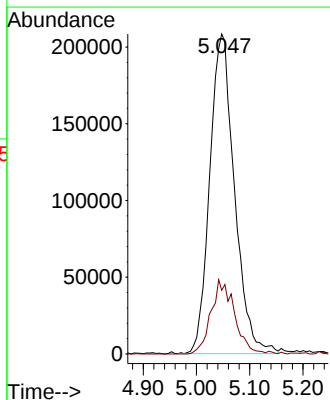
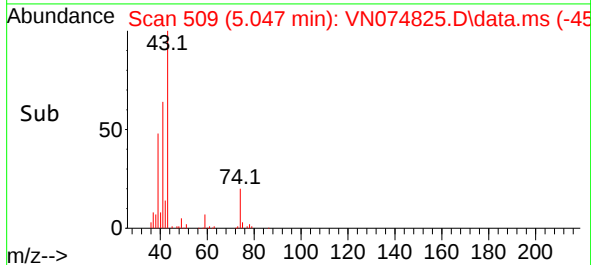
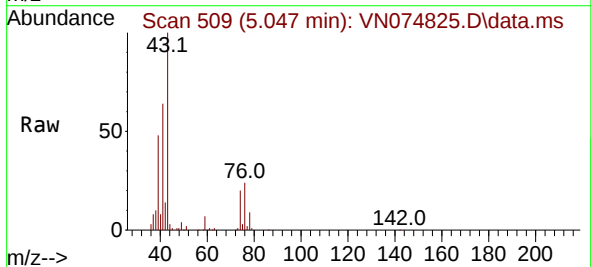
Manual Integrations
APPROVED

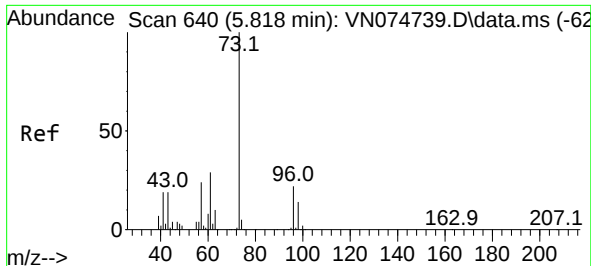
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#18
Methyl Acetate
Concen: 48.089 ug/l
RT: 5.047 min Scan# 509
Delta R.T. -0.000 min
Lab File: VN074825.D
Acq: 10 Oct 2022 11:52

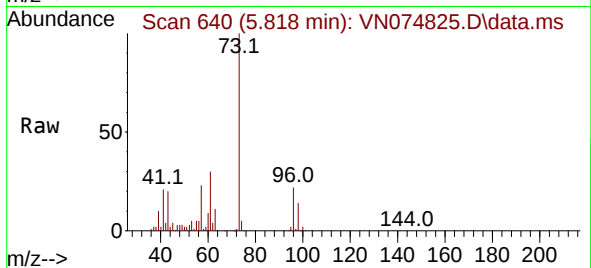
Tgt Ion: 43 Resp: 671774
Ion Ratio Lower Upper
43 100
74 21.9 18.5 27.7





#19
Methyl tert-butyl Ether
Concen: 47.992 ug/l
RT: 5.818 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN074825.D
Acq: 10 Oct 2022 11:52

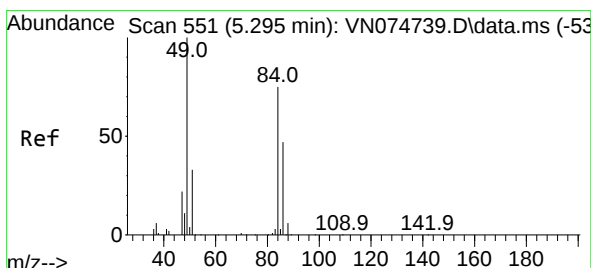
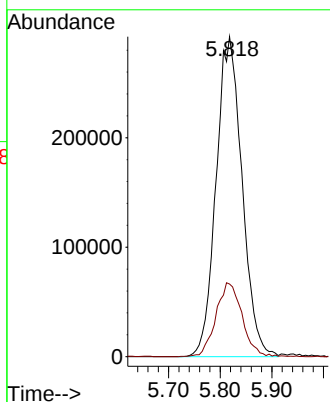
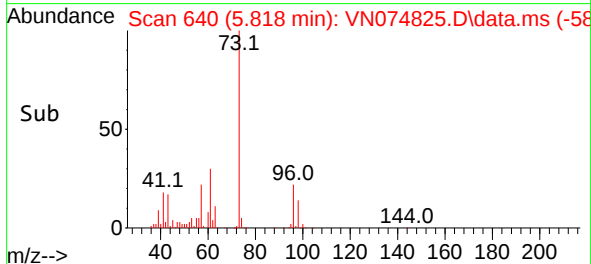
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 1018240
Ion Ratio Lower Upper
73 100
57 22.7 19.0 28.4

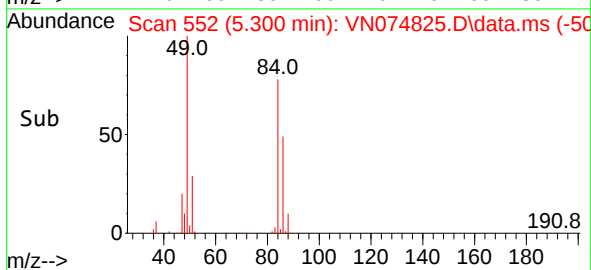
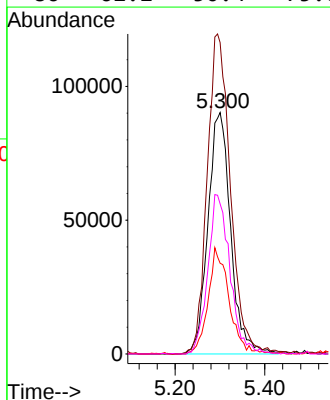
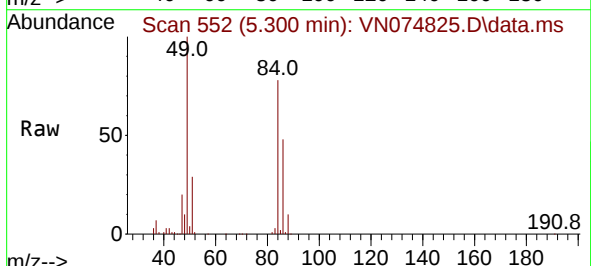
Manual Integrations
APPROVED

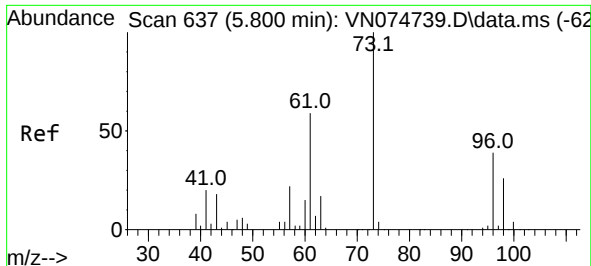
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#20
Methylene Chloride
Concen: 52.941 ug/l
RT: 5.300 min Scan# 552
Delta R.T. 0.005 min
Lab File: VN074825.D
Acq: 10 Oct 2022 11:52

Tgt Ion: 84 Resp: 317035
Ion Ratio Lower Upper
84 100
49 129.0 107.4 161.0
51 37.6 35.1 52.7
86 62.2 50.4 75.6





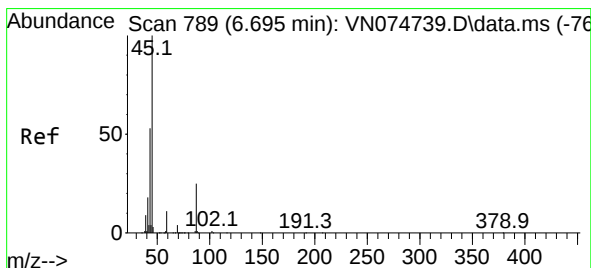
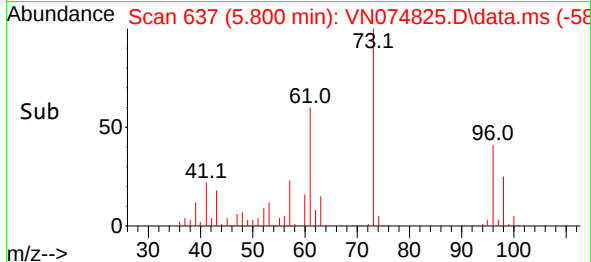
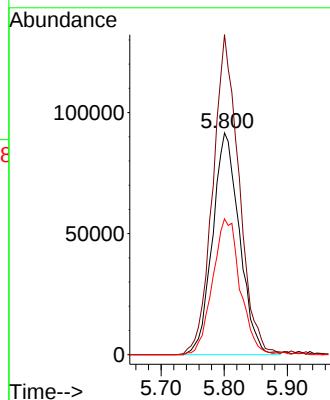
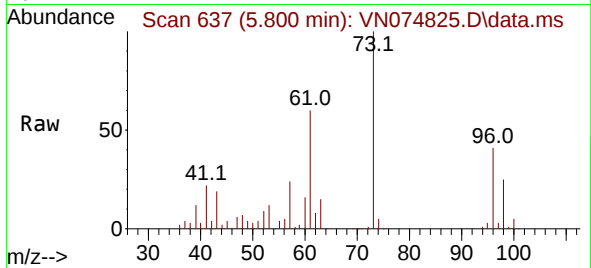
#21
trans-1,2-Dichloroethene
Concen: 46.469 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN074825.D
Acq: 10 Oct 2022 11:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 271079
Ion Ratio Lower Upper
96 100
61 144.1 121.5 182.3
98 61.2 53.8 80.8

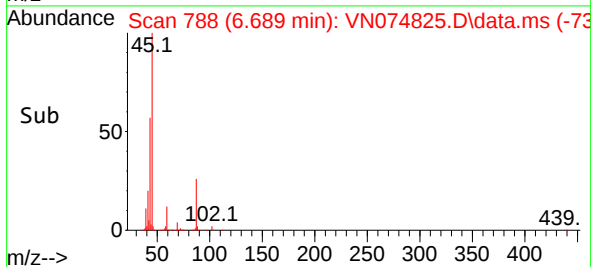
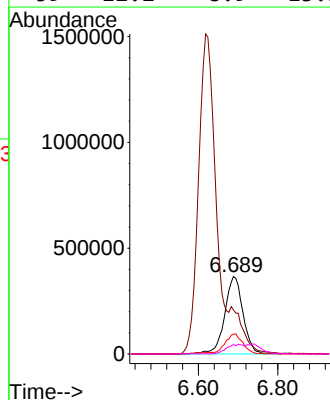
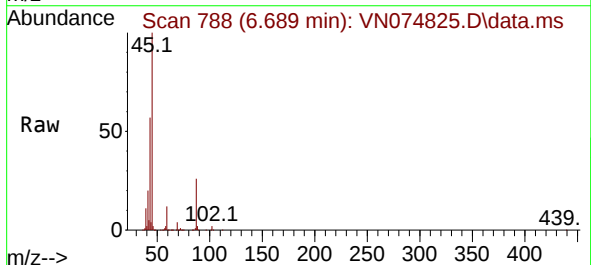
Manual Integrations
APPROVED

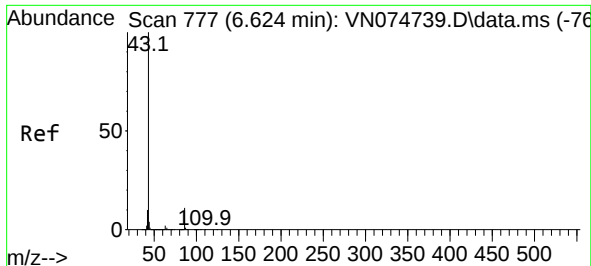
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#22
Diisopropyl ether
Concen: 49.227 ug/l
RT: 6.689 min Scan# 788
Delta R.T. -0.006 min
Lab File: VN074825.D
Acq: 10 Oct 2022 11:52

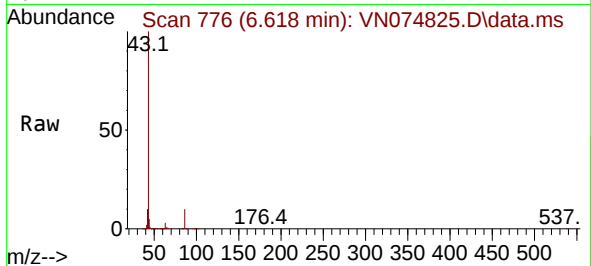
Tgt Ion: 45 Resp: 1171867
Ion Ratio Lower Upper
45 100
43 56.4 42.7 64.1
87 25.6 19.6 29.4
59 12.2 8.9 13.3





#23
 Vinyl Acetate
 Concen: 231.264 ug/l
 RT: 6.618 min Scan# 776
 Delta R.T. -0.006 min
 Lab File: VN074825.D
 Acq: 10 Oct 2022 11:52

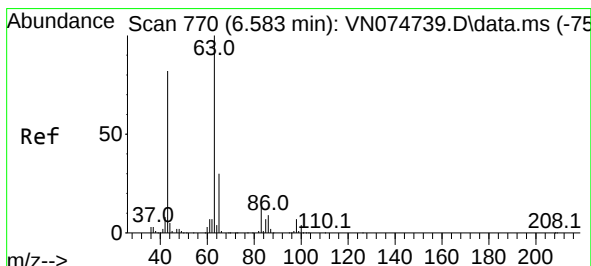
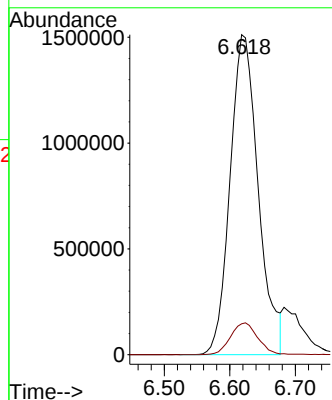
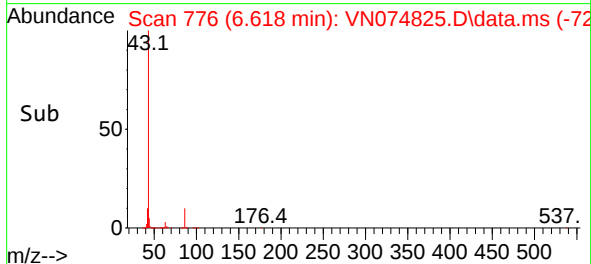
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 43 Resp: 452228
 Ion Ratio Lower Upper
 43 100
 86 9.6 8.4 12.6

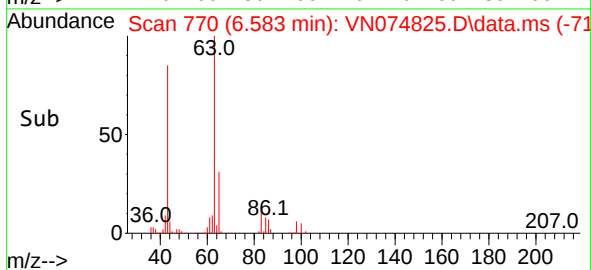
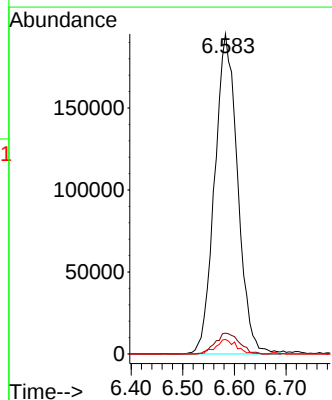
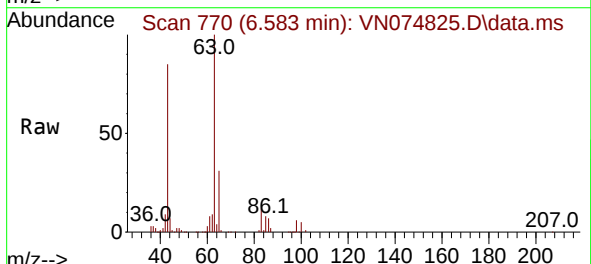
Manual Integrations
 APPROVED

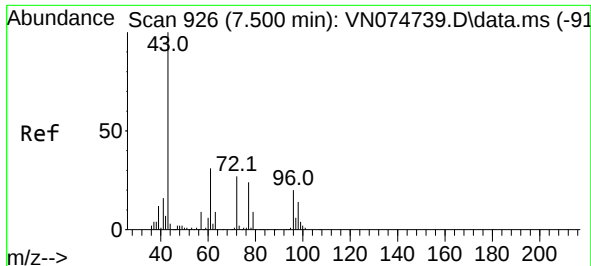
Reviewed By :John Carlone 10/11/2022
 Supervised By :Mahesh Dadoda 10/11/2022



#24
 1,1-Dichloroethane
 Concen: 49.086 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. -0.000 min
 Lab File: VN074825.D
 Acq: 10 Oct 2022 11:52

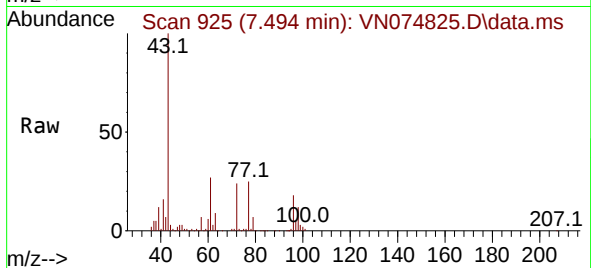
Tgt Ion: 63 Resp: 602456
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.5 10.4
 100 4.6 1.8 5.5





#25
2-Butanone
Concen: 253.465 ug/l
RT: 7.494 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN074825.D
Acq: 10 Oct 2022 11:52

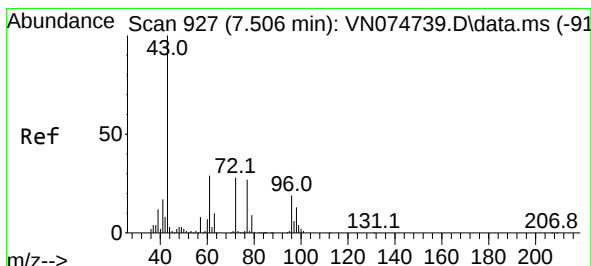
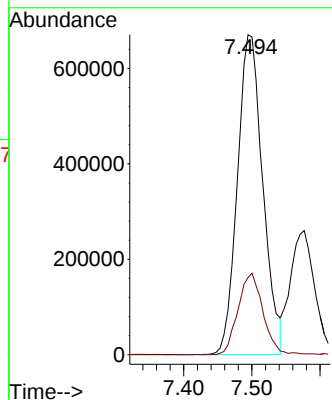
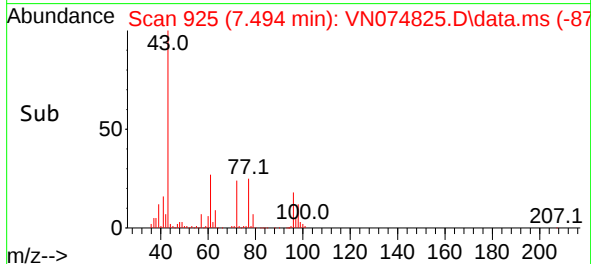
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 173564
Ion Ratio Lower Upper
43 100
72 24.1 21.4 32.0

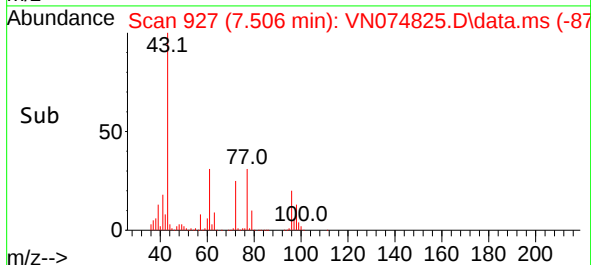
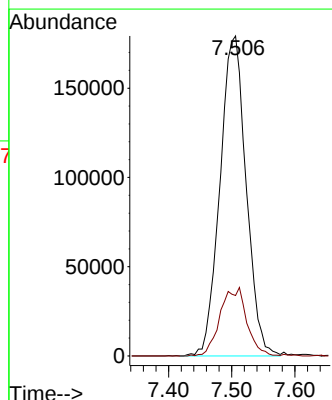
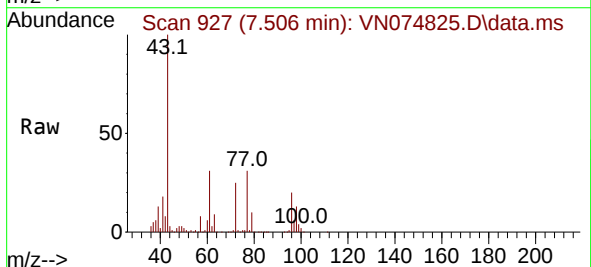
Manual Integrations
APPROVED

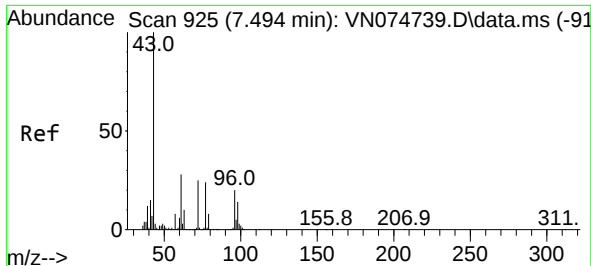
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#26
2,2-Dichloropropane
Concen: 51.013 ug/l
RT: 7.506 min Scan# 927
Delta R.T. -0.000 min
Lab File: VN074825.D
Acq: 10 Oct 2022 11:52

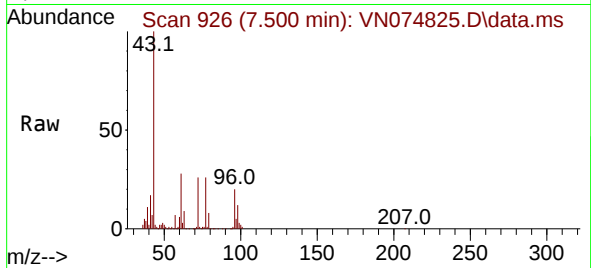
Tgt Ion: 77 Resp: 516417
Ion Ratio Lower Upper
77 100
97 21.7 11.8 35.3





#27
 cis-1,2-Dichloroethene
 Concen: 49.585 ug/l
 RT: 7.500 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN074825.D
 Acq: 10 Oct 2022 11:52

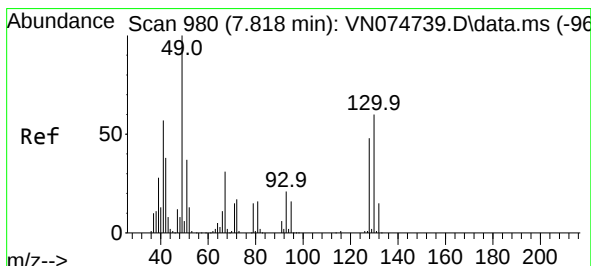
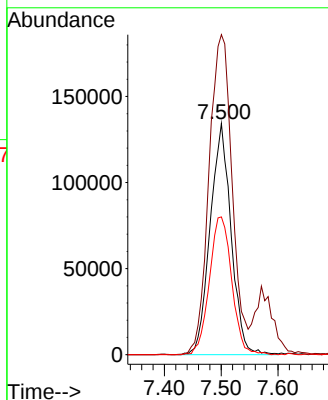
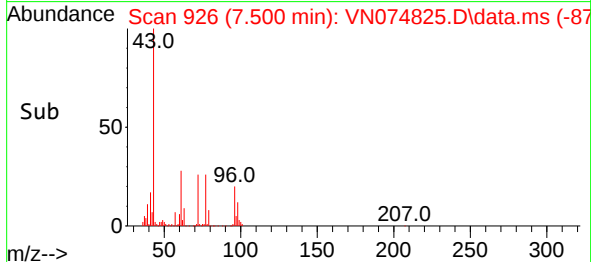
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 34434
 Ion Ratio Lower Upper
 96 100
 61 152.1 0.0 303.2
 98 63.5 0.0 131.0

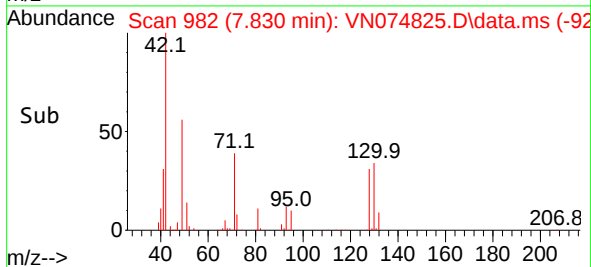
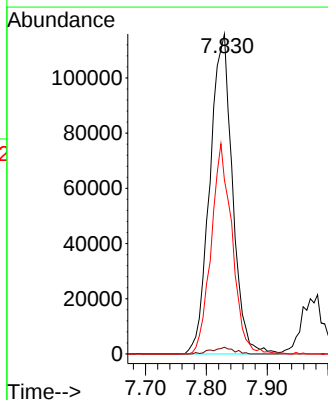
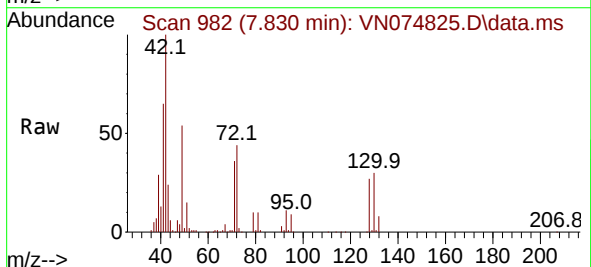
Manual Integrations
 APPROVED

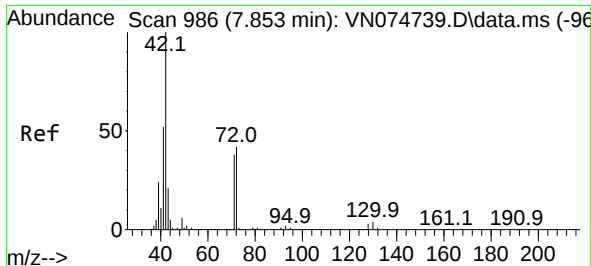
Reviewed By :John Carlone 10/11/2022
 Supervised By :Mahesh Dadoda 10/11/2022



#28
 Bromochloromethane
 Concen: 54.032 ug/l
 RT: 7.830 min Scan# 982
 Delta R.T. 0.012 min
 Lab File: VN074825.D
 Acq: 10 Oct 2022 11:52

Tgt Ion: 49 Resp: 299218
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.4
 130 60.8 49.0 73.4





#29

Tetrahydrofuran

Concen: 243.335 ug/l

RT: 7.847 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN074825.D

Acq: 10 Oct 2022 11:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 116132

Ion Ratio Lower Upper

42 100

72 40.2 33.0 49.6

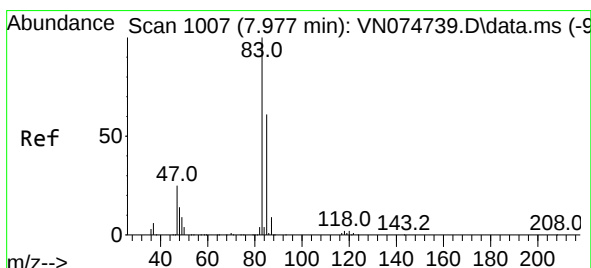
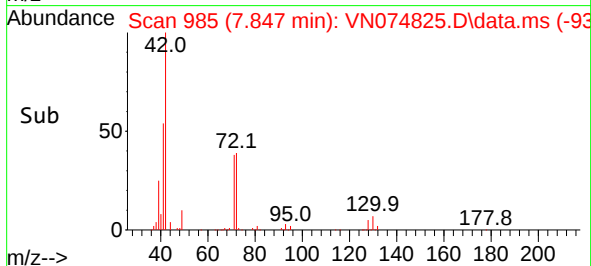
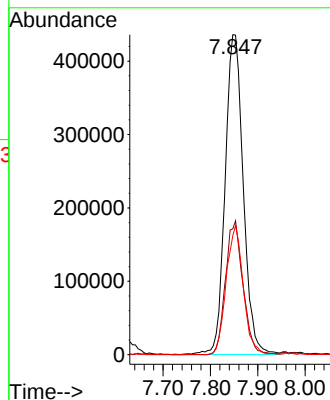
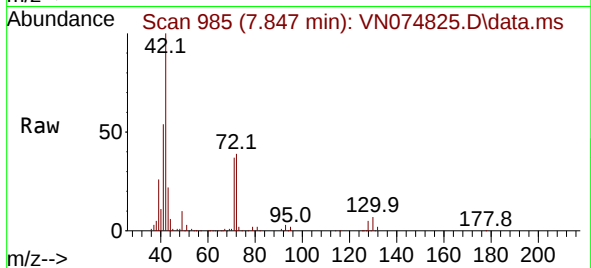
71 38.0 30.4 45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2022

Supervised By :Mahesh Dadoda 10/11/2022



#30

Chloroform

Concen: 53.261 ug/l

RT: 7.977 min Scan# 1007

Delta R.T. -0.000 min

Lab File: VN074825.D

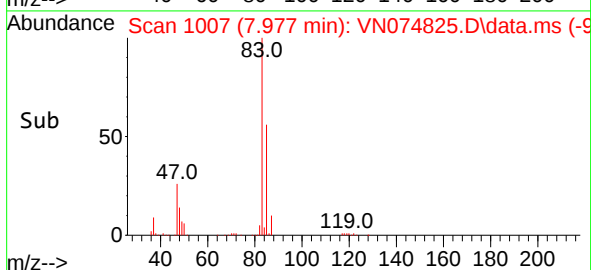
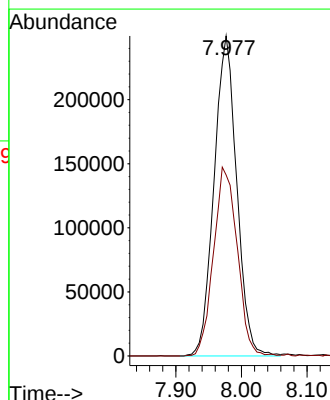
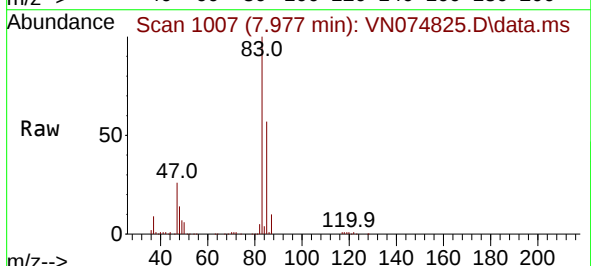
Acq: 10 Oct 2022 11:52

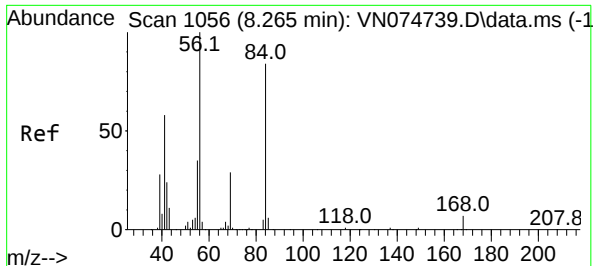
Tgt Ion: 83 Resp: 598746

Ion Ratio Lower Upper

83 100

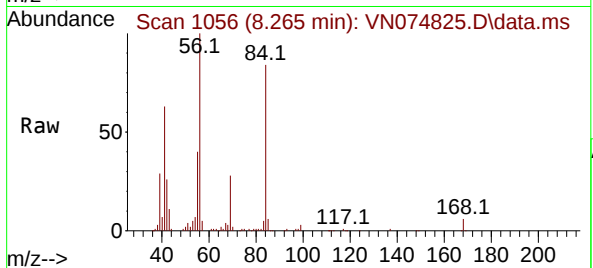
85 56.6 49.0 73.4





#31
Cyclohexane
Concen: 47.625 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN074825.D
Acq: 10 Oct 2022 11:52

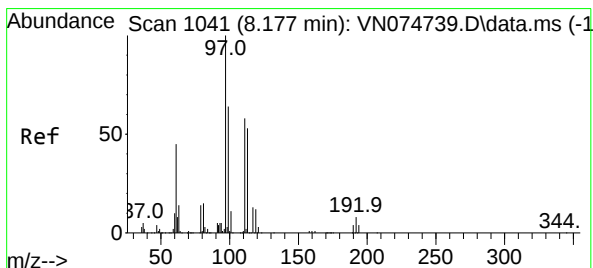
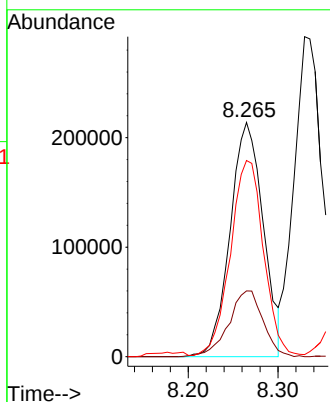
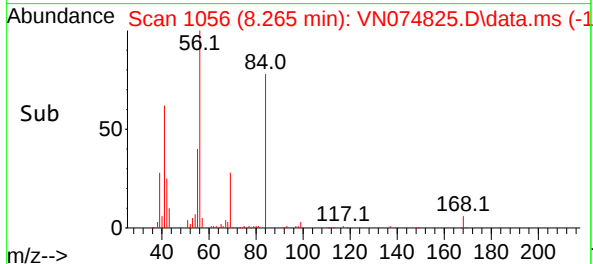
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



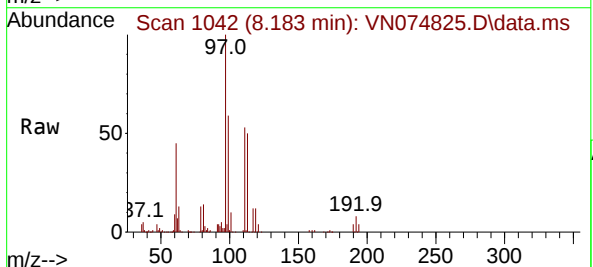
Tgt Ion: 56 Resp: 54804
Ion Ratio Lower Upper
56 100
69 28.1 23.1 34.7
84 82.1 67.1 100.7

Manual Integrations
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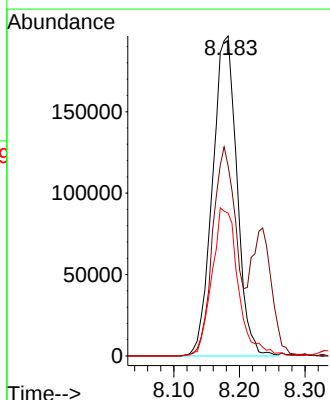
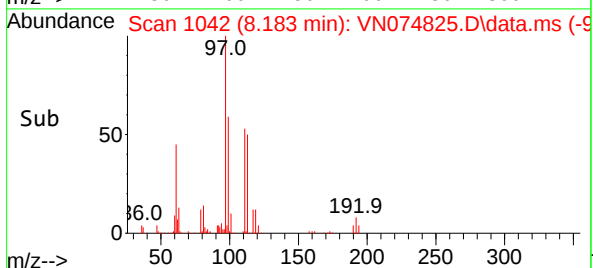
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022

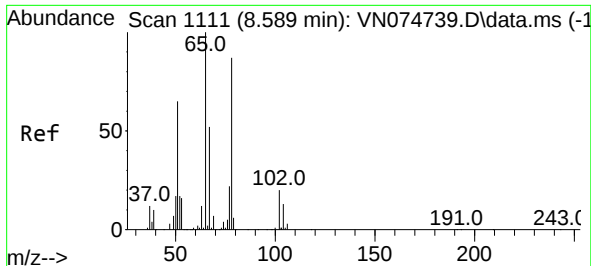


#32
1,1,1-Trichloroethane
Concen: 53.052 ug/l
RT: 8.183 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VN074825.D
Acq: 10 Oct 2022 11:52



Tgt Ion: 97 Resp: 508350
Ion Ratio Lower Upper
97 100
99 62.5 50.7 76.1
61 49.6 39.9 59.9





#33

1,2-Dichloroethane-d4

Concen: 51.450 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. -0.000 min

Lab File: VN074825.D

Acq: 10 Oct 2022 11:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 34255

Ion Ratio Lower Upper

65 100

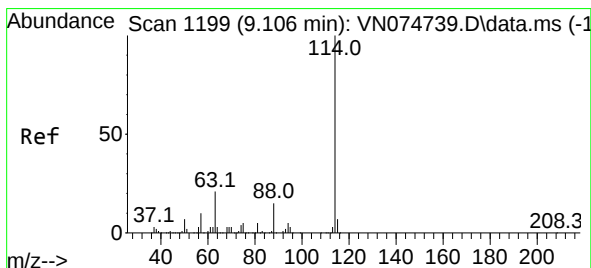
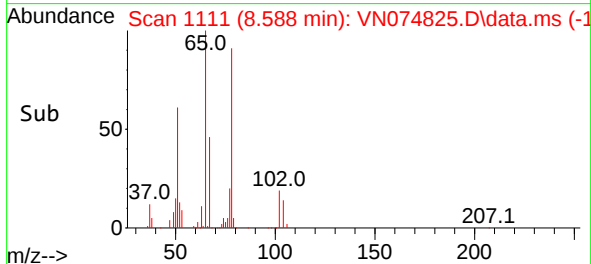
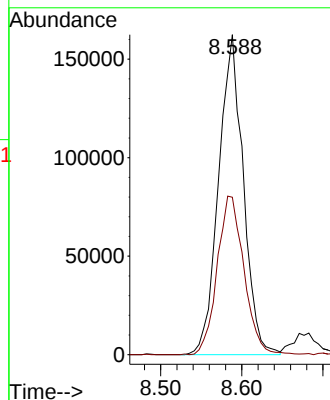
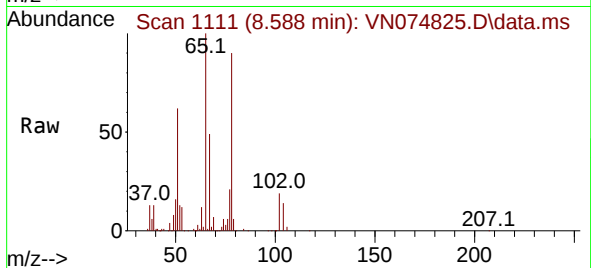
67 54.0 0.0 109.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2022

Supervised By :Mahesh Dadoda 10/11/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN074825.D

Acq: 10 Oct 2022 11:52

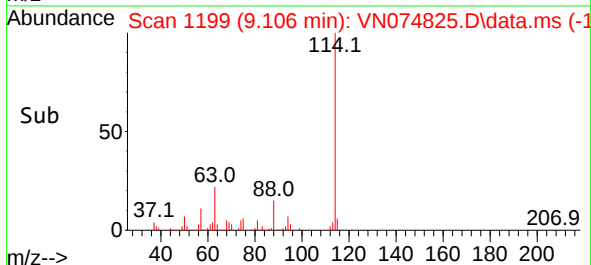
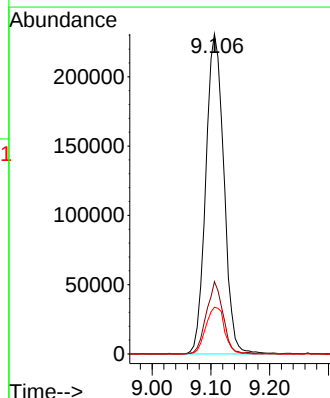
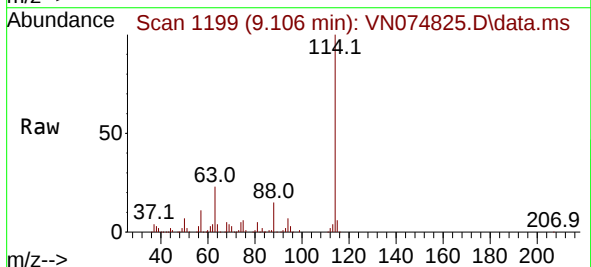
Tgt Ion:114 Resp: 492633

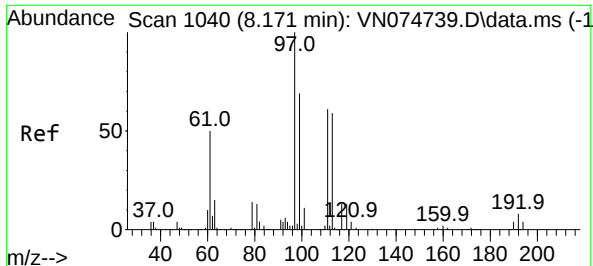
Ion Ratio Lower Upper

114 100

63 22.6 0.0 41.2

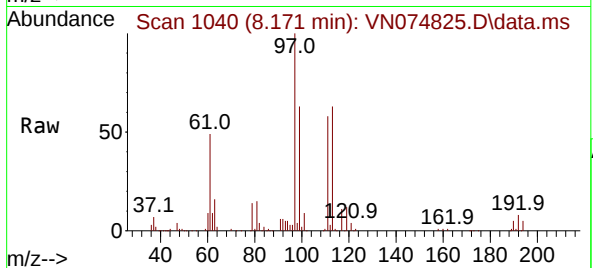
88 14.6 0.0 30.2





#35
Dibromofluoromethane
Concen: 55.617 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN074825.D
Acq: 10 Oct 2022 11:52

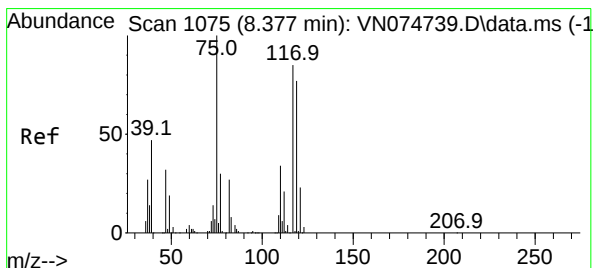
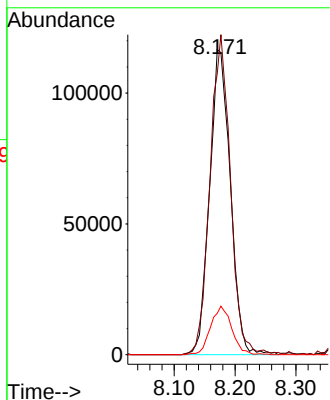
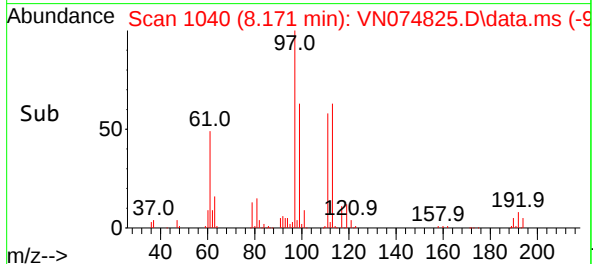
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 113 Resp: 276825
Ion Ratio Lower Upper
113 100
111 103.1 83.0 124.6
192 16.1 12.6 18.8

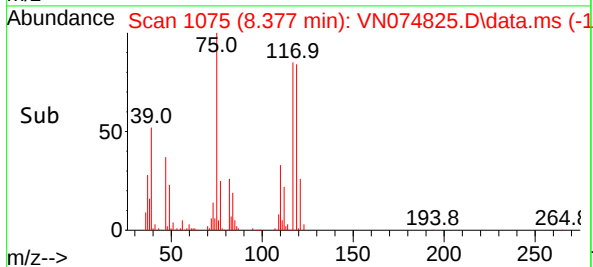
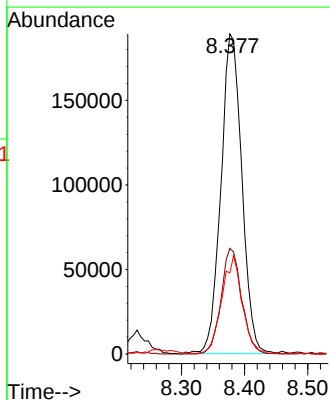
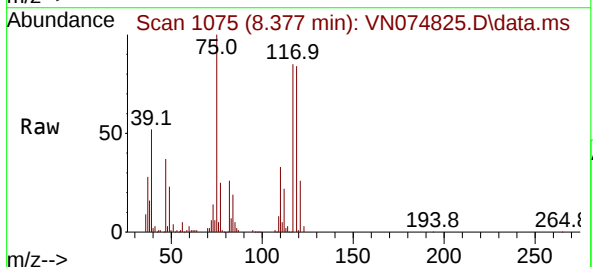
Manual Integrations
APPROVED

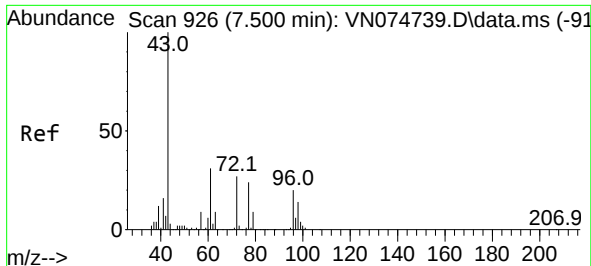
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#36
1,1-Dichloropropene
Concen: 54.210 ug/l
RT: 8.377 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN074825.D
Acq: 10 Oct 2022 11:52

Tgt Ion: 75 Resp: 436730
Ion Ratio Lower Upper
75 100
110 32.4 17.2 51.5
77 30.1 24.3 36.5





#37

Ethyl Acetate

Concen: 53.712 ug/l

RT: 7.494 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN074825.D

Acq: 10 Oct 2022 11:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 173564

Ion Ratio Lower Upper

43 100

61 30.2 4.3 6.5

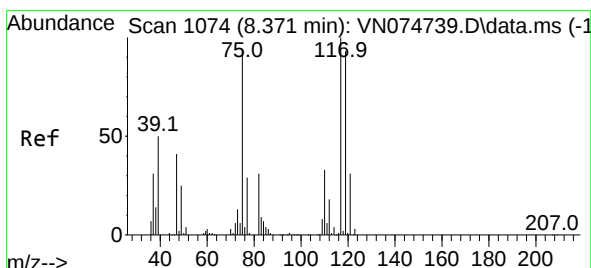
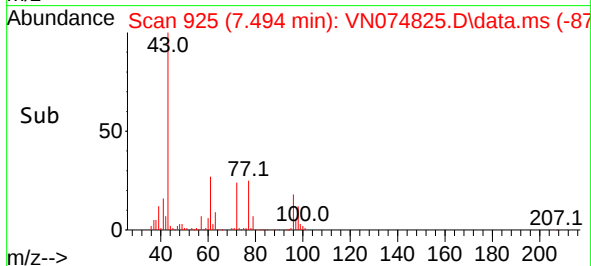
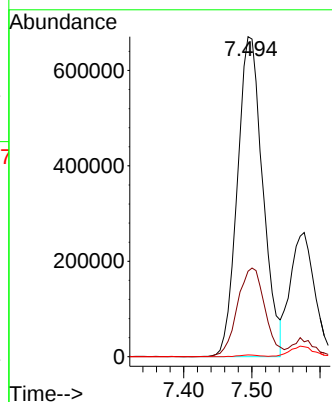
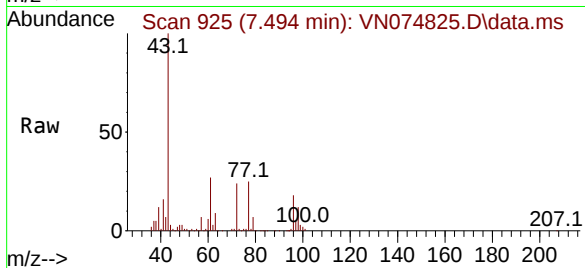
70 0.4 3.0 4.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2022

Supervised By :Mahesh Dadoda 10/11/2022



#38

Carbon Tetrachloride

Concen: 54.742 ug/l

RT: 8.371 min Scan# 1074

Delta R.T. -0.000 min

Lab File: VN074825.D

Acq: 10 Oct 2022 11:52

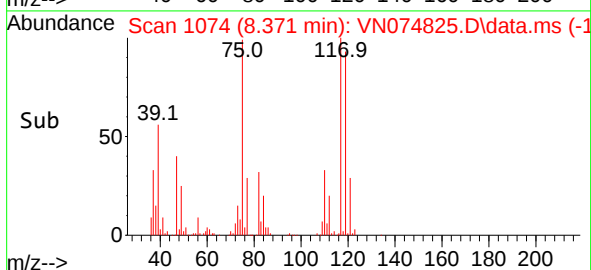
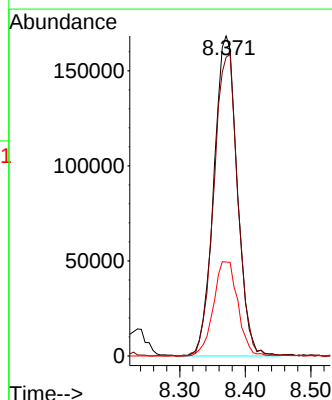
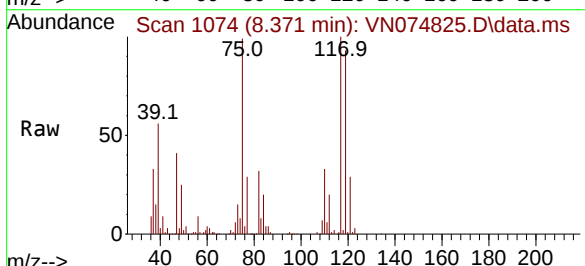
Tgt Ion:117 Resp: 415894

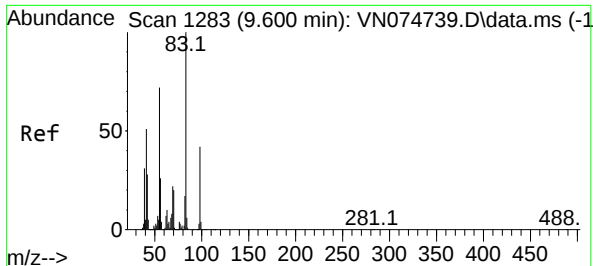
Ion Ratio Lower Upper

117 100

119 93.3 74.3 111.5

121 29.4 25.0 37.4





#39

Methylcyclohexane

Concen: 52.595 ug/l

RT: 9.606 min Scan# 11284

Delta R.T. 0.006 min

Lab File: VN074825.D

Acq: 10 Oct 2022 11:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

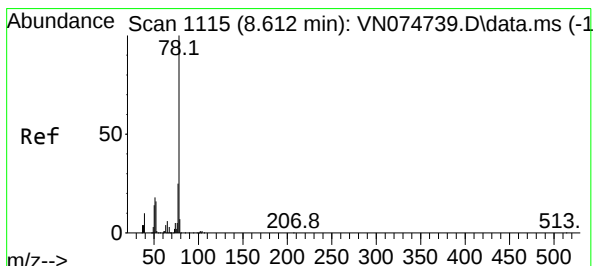
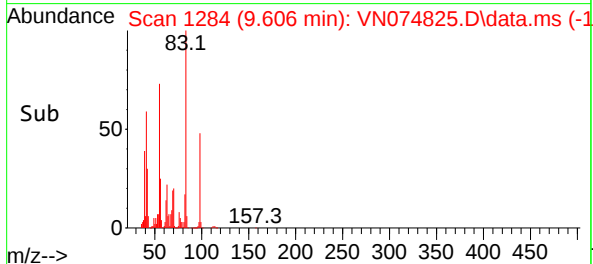
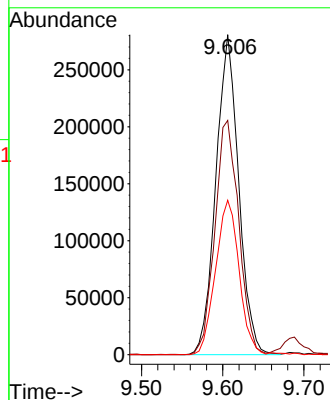
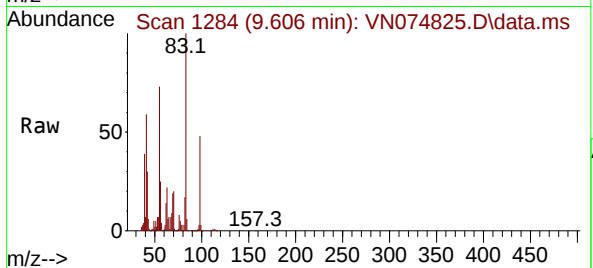
Tgt Ion:	83	Resp:	54890
Ion Ratio	Lower	Upper	
83	100		
55	73.1	57.3	85.9
98	48.3	33.4	50.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2022

Supervised By :Mahesh Dadoda 10/11/2022



#40

Benzene

Concen: 53.147 ug/l

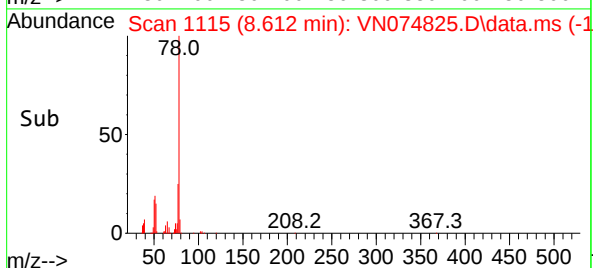
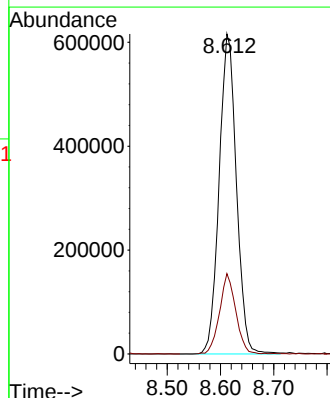
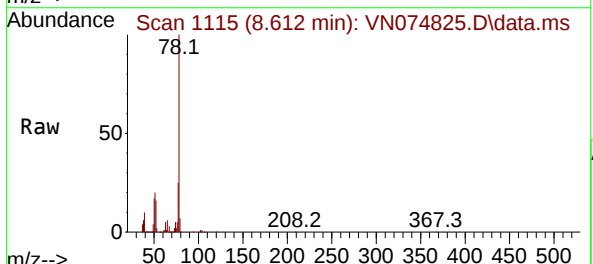
RT: 8.612 min Scan# 1115

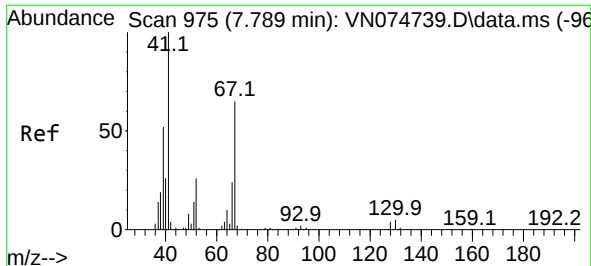
Delta R.T. -0.000 min

Lab File: VN074825.D

Acq: 10 Oct 2022 11:52

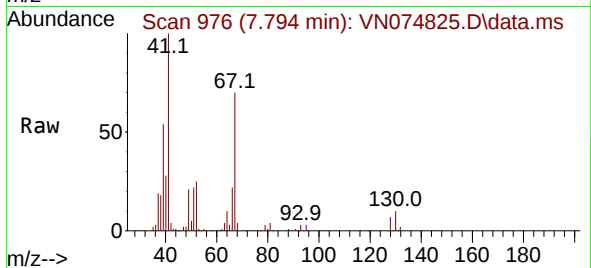
Tgt Ion:	78	Resp:	1386120
Ion Ratio	Lower	Upper	
78	100		
77	25.1	20.1	30.1





#41
Methacrylonitrile
Concen: 48.081 ug/l
RT: 7.794 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN074825.D
Acq: 10 Oct 2022 11:52

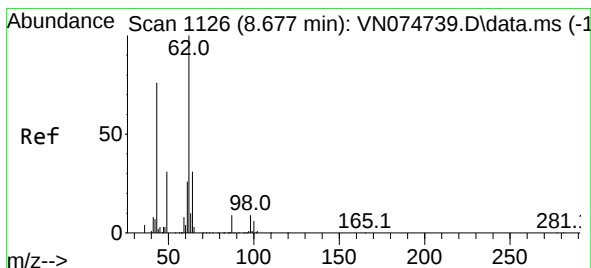
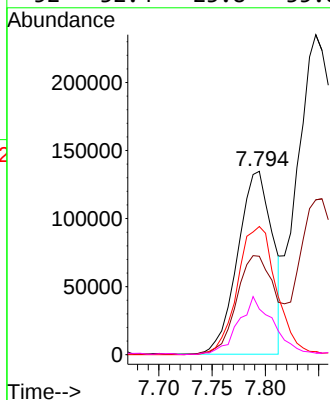
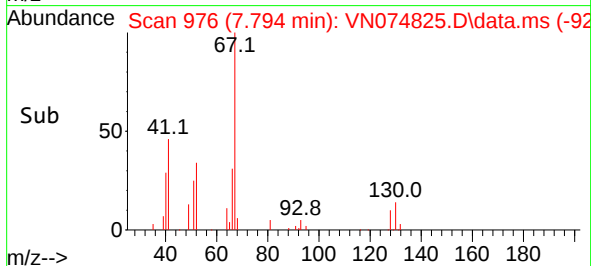
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



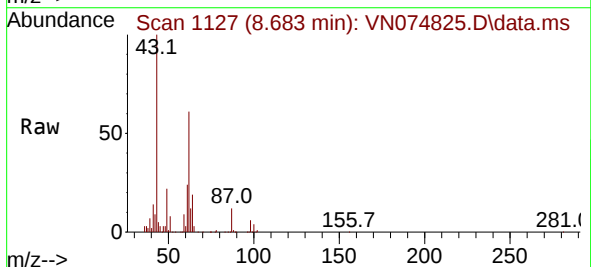
Tgt Ion: 41 Resp: 306085
Ion Ratio Lower Upper
41 100
39 60.3 43.3 64.9
67 78.4 60.2 90.2
52 32.4 23.8 35.8

Manual Integrations
APPROVED

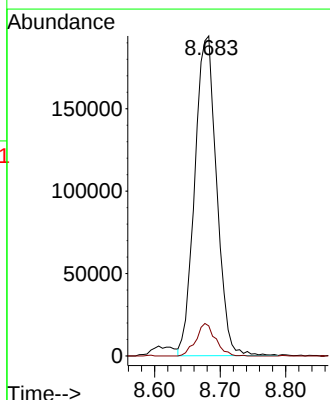
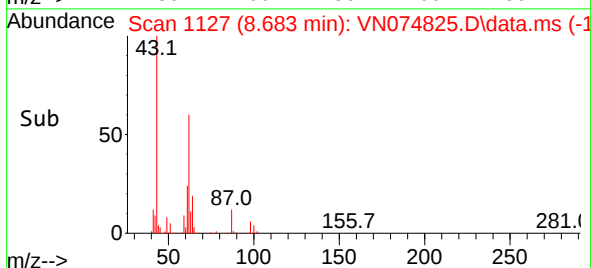
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022

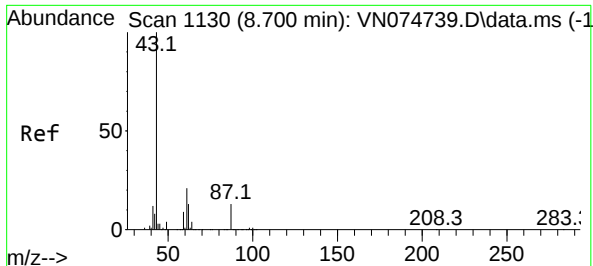


#42
1,2-Dichloroethane
Concen: 55.028 ug/l
RT: 8.683 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN074825.D
Acq: 10 Oct 2022 11:52



Tgt Ion: 62 Resp: 450494
Ion Ratio Lower Upper
62 100
98 9.1 0.0 19.4





#43

Isopropyl Acetate

Concen: 52.507 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VN074825.D

Acq: 10 Oct 2022 11:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 1048552

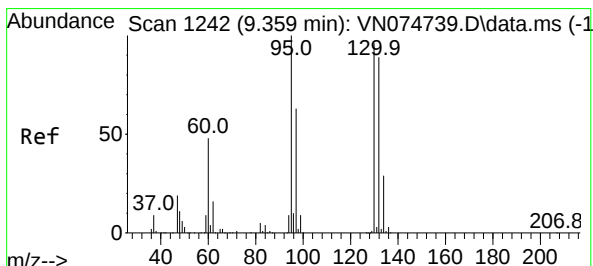
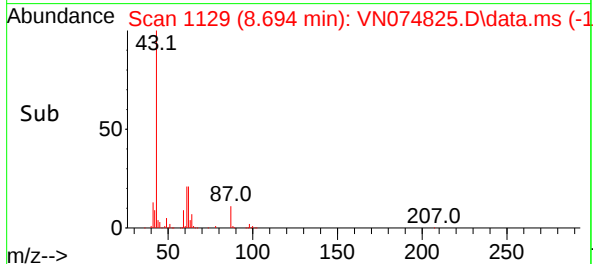
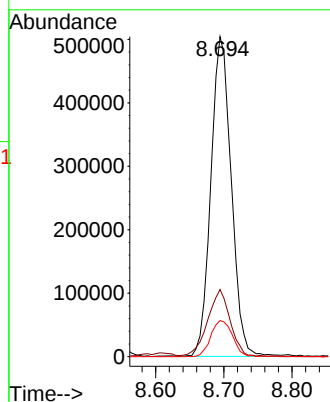
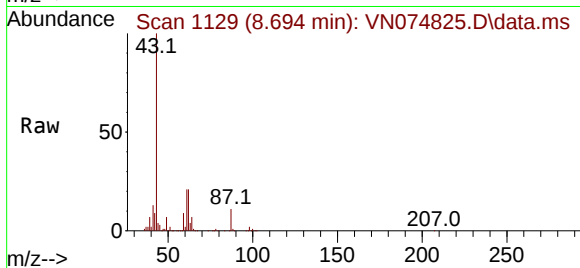
Ion	Ratio	Lower	Upper
43	100		
61	23.0	19.4	29.0
87	12.0	10.1	15.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2022

Supervised By :Mahesh Dadoda 10/11/2022



#44

Trichloroethene

Concen: 53.376 ug/l

RT: 9.359 min Scan# 1242

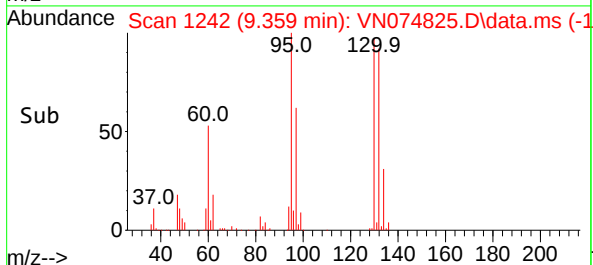
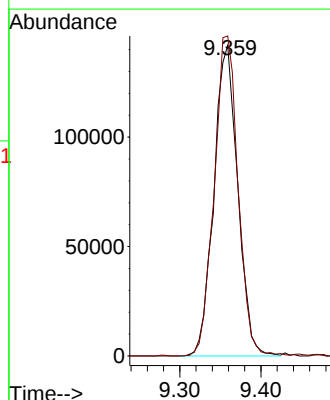
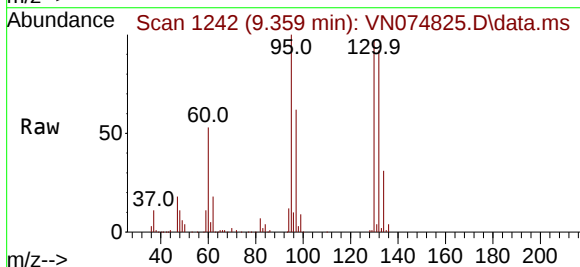
Delta R.T. -0.000 min

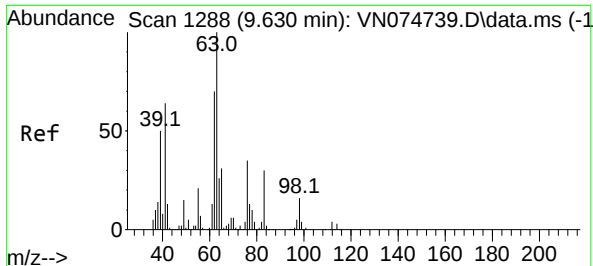
Lab File: VN074825.D

Acq: 10 Oct 2022 11:52

Tgt Ion:130 Resp: 289934

Ion	Ratio	Lower	Upper
130	100		
95	103.0	0.0	207.6





#45

1,2-Dichloropropane

Concen: 52.249 ug/l

RT: 9.630 min Scan# 1288

Delta R.T. -0.000 min

Lab File: VN074825.D

Acq: 10 Oct 2022 11:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 368974

Ion Ratio Lower Upper

63 100

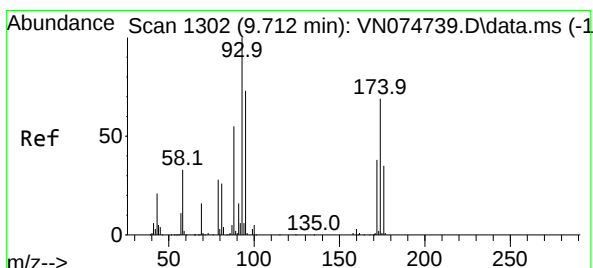
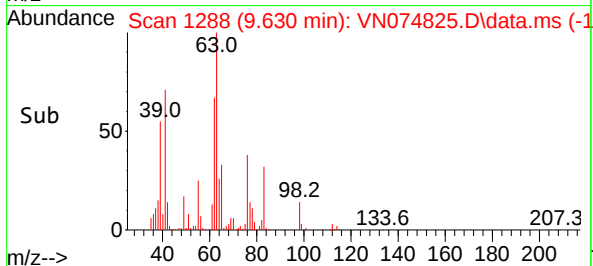
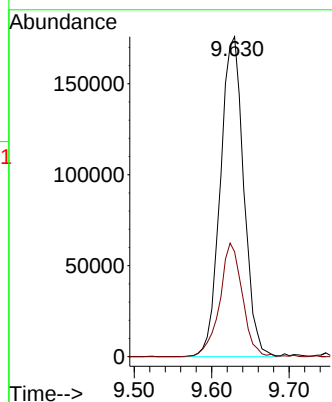
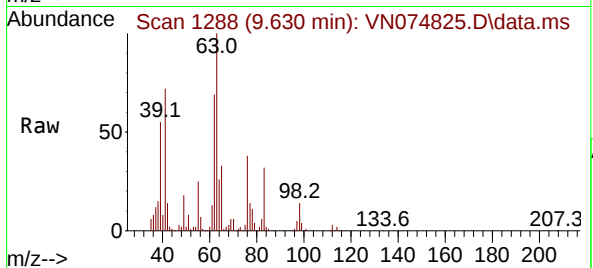
65 32.7 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2022

Supervised By :Mahesh Dadoda 10/11/2022



#46

Dibromomethane

Concen: 55.954 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN074825.D

Acq: 10 Oct 2022 11:52

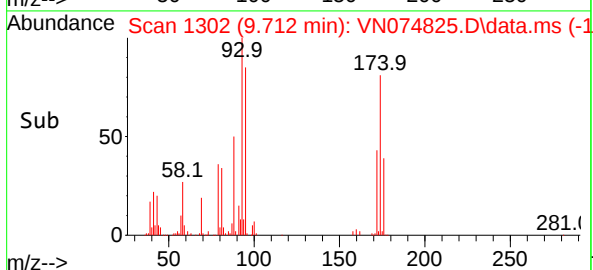
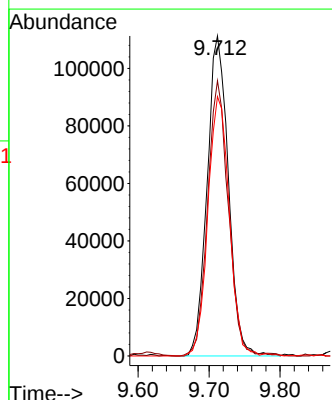
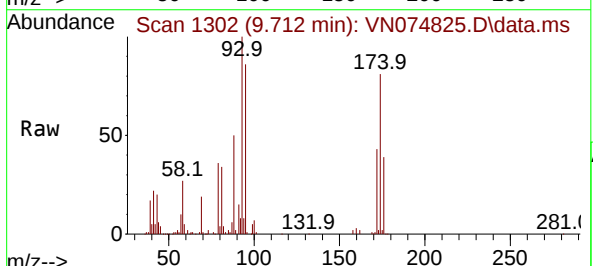
Tgt Ion: 93 Resp: 231864

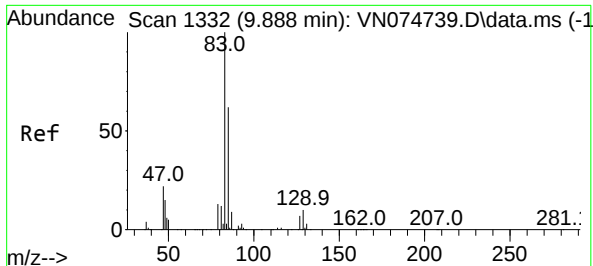
Ion Ratio Lower Upper

93 100

95 83.6 63.4 95.2

174 81.4 60.5 90.7





#47

Bromodichloromethane

Concen: 55.457 ug/l

RT: 9.888 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN074825.D

Acq: 10 Oct 2022 11:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 469509

Ion Ratio Lower Upper

83 100

85 61.9 49.7 74.5

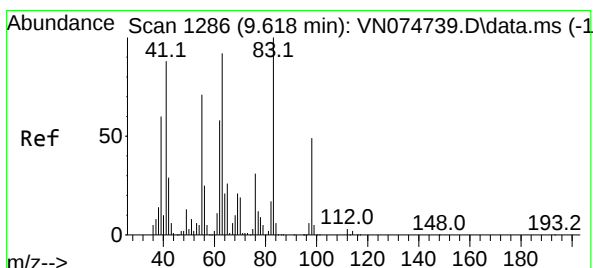
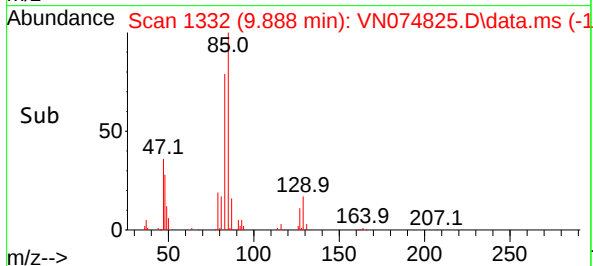
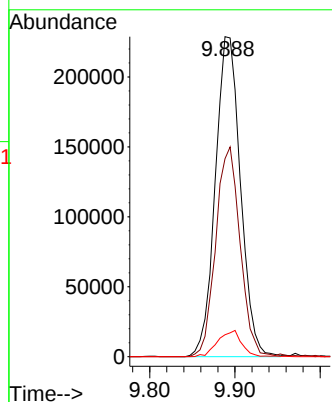
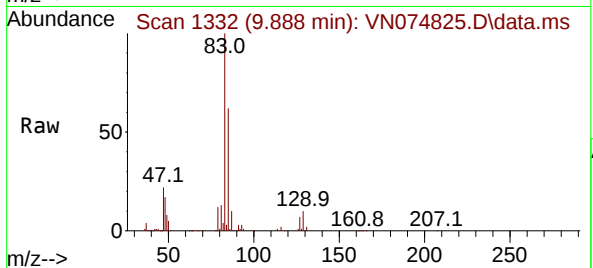
127 6.9 5.8 8.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2022

Supervised By :Mahesh Dadoda 10/11/2022



#48

Methyl methacrylate

Concen: 56.881 ug/l

RT: 9.612 min Scan# 1285

Delta R.T. -0.006 min

Lab File: VN074825.D

Acq: 10 Oct 2022 11:52

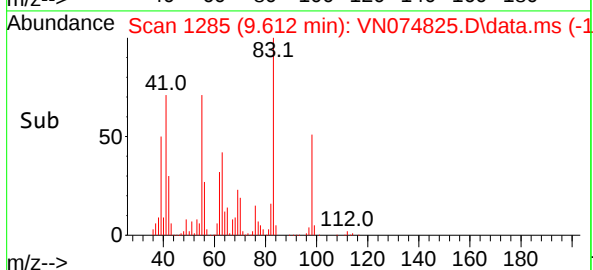
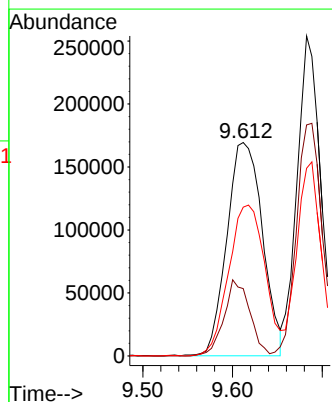
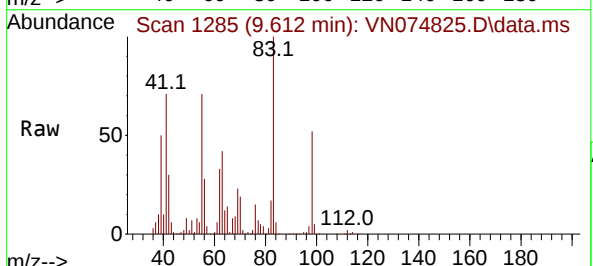
Tgt Ion: 41 Resp: 466344

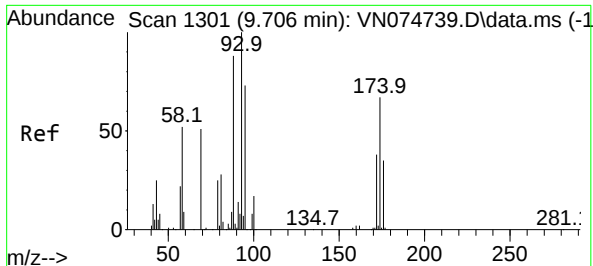
Ion Ratio Lower Upper

41 100

69 25.9 0.0 0.0#

39 72.2 54.4 81.6





#49

1,4-Dioxane

Concen: 912.142 ug/l

RT: 9.700 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN074825.D

Acq: 10 Oct 2022 11:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 16208

Ion Ratio Lower Upper

88 100

43 25.9 23.4 35.2

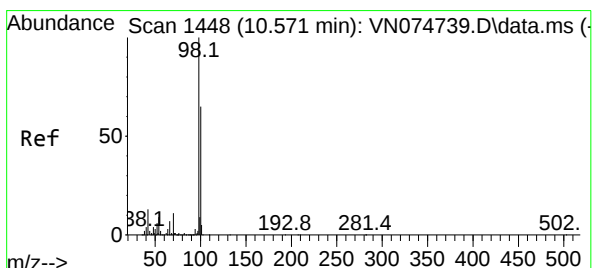
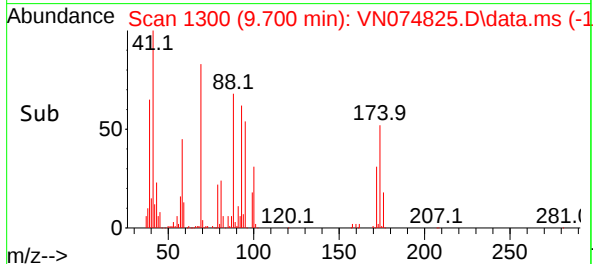
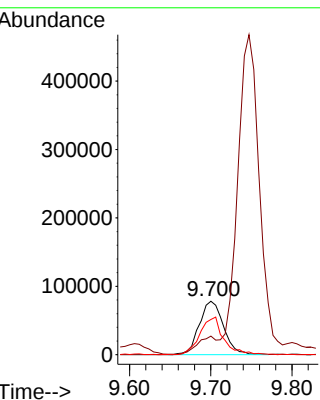
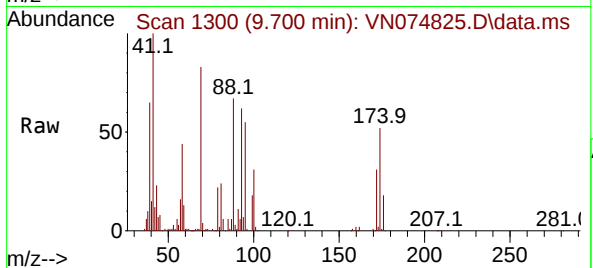
58 68.6 54.9 82.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2022

Supervised By :Mahesh Dadoda 10/11/2022



#50

Toluene-d8

Concen: 54.468 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN074825.D

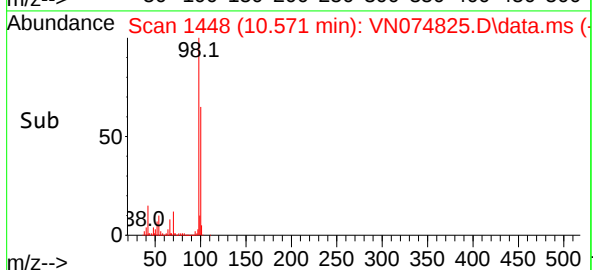
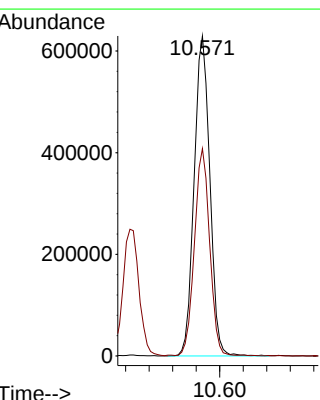
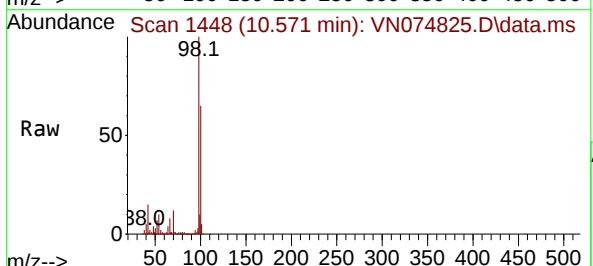
Acq: 10 Oct 2022 11:52

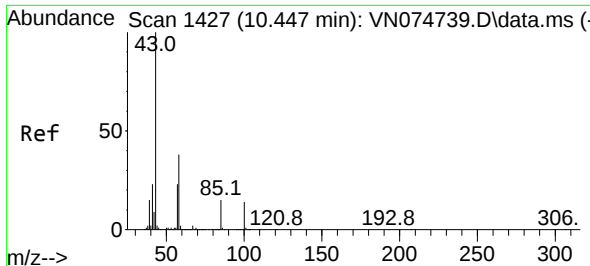
Tgt Ion: 98 Resp: 1163286

Ion Ratio Lower Upper

98 100

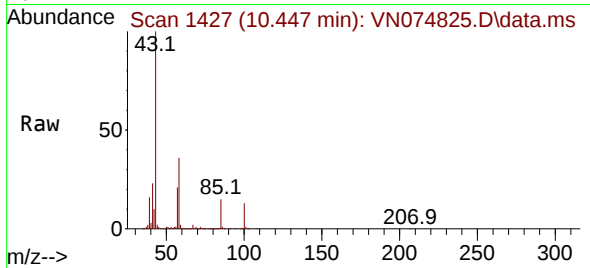
100 62.6 50.7 76.1





#51
4-Methyl-2-Pentanone
Concen: 271.668 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN074825.D
Acq: 10 Oct 2022 11:52

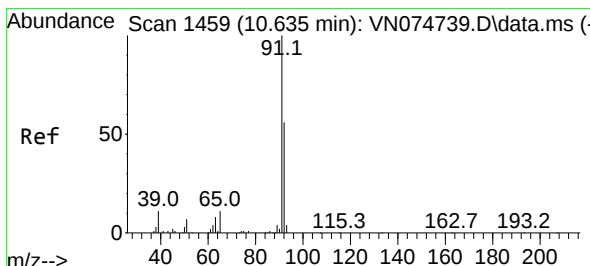
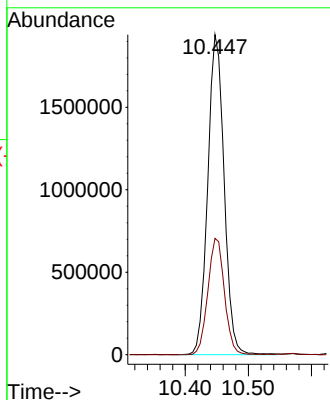
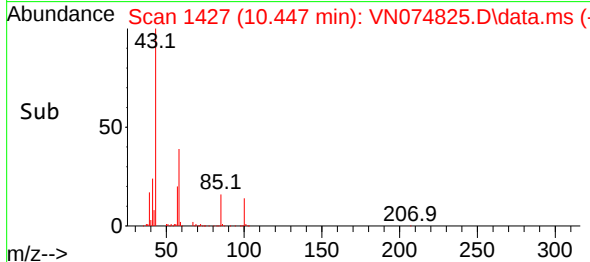
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 349353
Ion Ratio Lower Upper
43 100
58 36.8 30.6 45.8

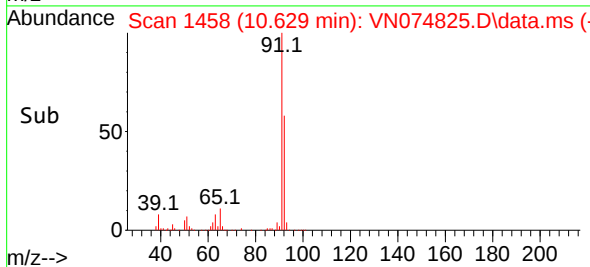
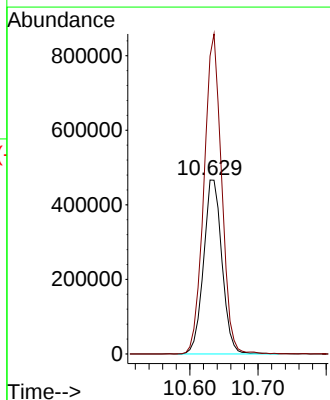
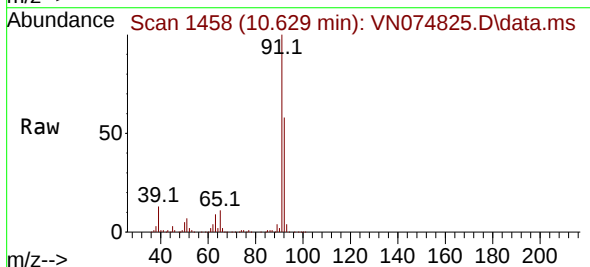
Manual Integrations
APPROVED

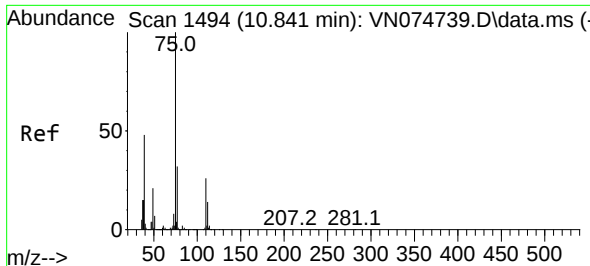
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#52
Toluene
Concen: 55.960 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN074825.D
Acq: 10 Oct 2022 11:52

Tgt Ion: 92 Resp: 876764
Ion Ratio Lower Upper
92 100
91 176.4 140.2 210.4





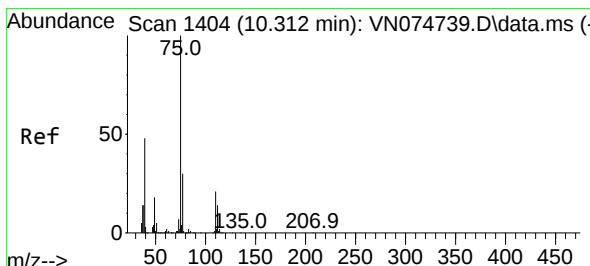
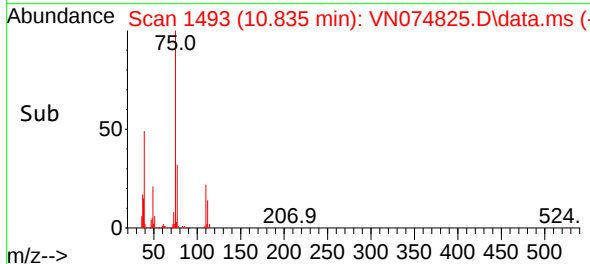
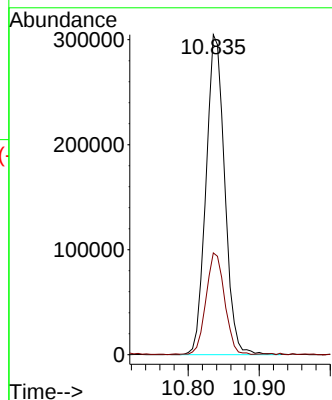
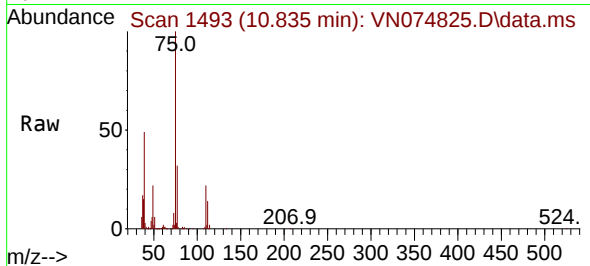
#53
t-1,3-Dichloropropene
Concen: 55.149 ug/l
RT: 10.835 min Scan# 1405
Delta R.T. -0.006 min
Lab File: VN074825.D
Acq: 10 Oct 2022 11:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 55631
Ion Ratio Lower Upper
75 100
77 31.6 26.0 39.0

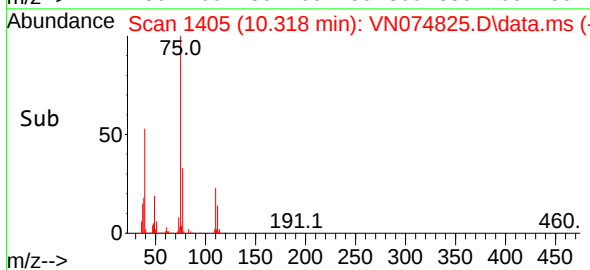
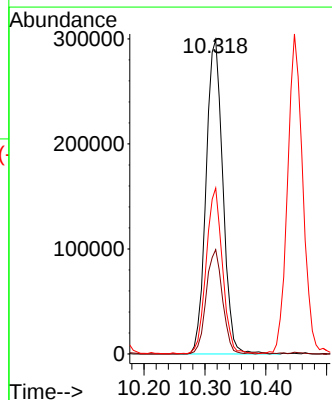
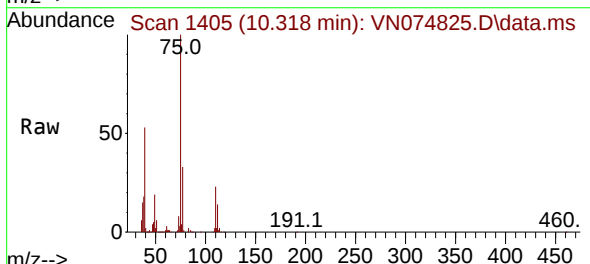
Manual Integrations
APPROVED

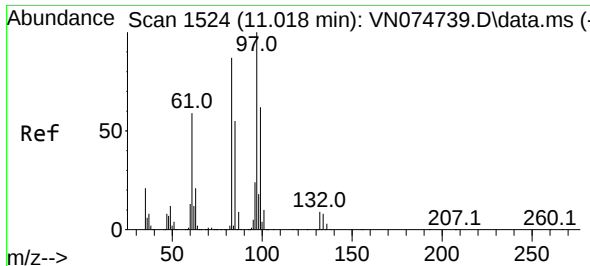
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#54
cis-1,3-Dichloropropene
Concen: 52.677 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. 0.006 min
Lab File: VN074825.D
Acq: 10 Oct 2022 11:52

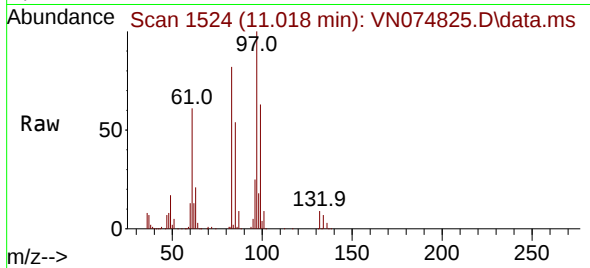
Tgt Ion: 75 Resp: 573690
Ion Ratio Lower Upper
75 100
77 33.1 24.4 36.6
39 52.7 38.6 57.8





#55
1,1,2-Trichloroethane
Concen: 56.562 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN074825.D
Acq: 10 Oct 2022 11:52

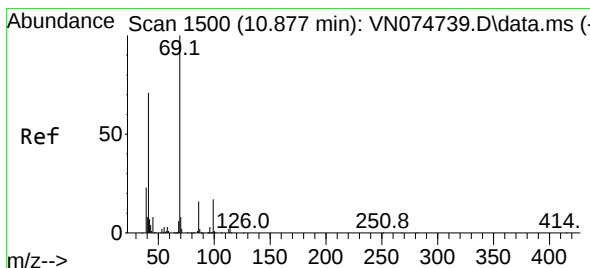
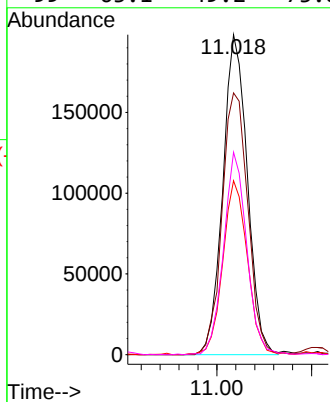
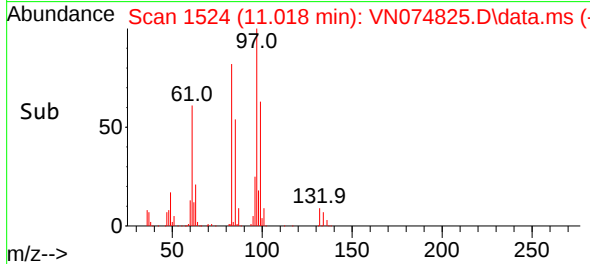
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



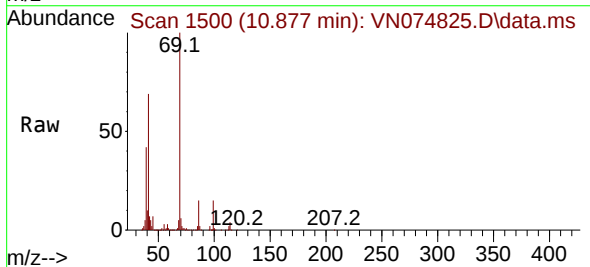
Tgt Ion: 97 Resp: 356332
Ion Ratio Lower Upper
97 100
83 81.8 69.7 104.5
85 54.3 43.8 65.6
99 63.1 49.2 73.8

Manual Integrations
APPROVED

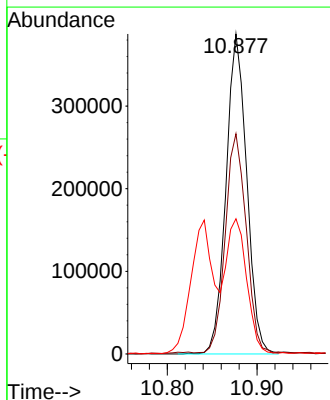
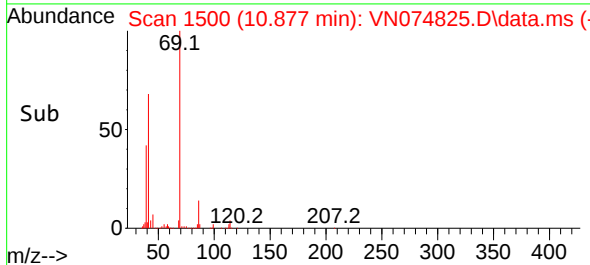
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022

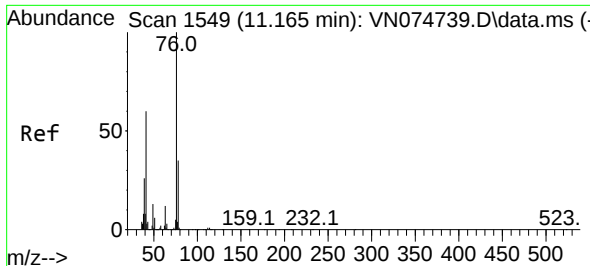


#56
Ethyl methacrylate
Concen: 54.074 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN074825.D
Acq: 10 Oct 2022 11:52



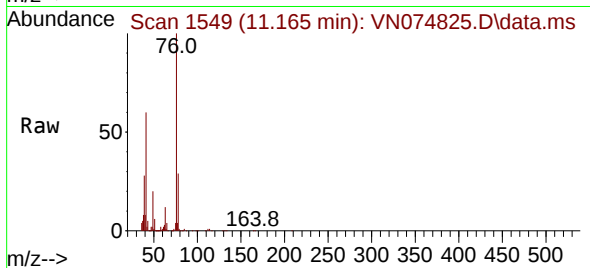
Tgt Ion: 69 Resp: 620428
Ion Ratio Lower Upper
69 100
41 69.0 54.9 82.3
39 41.2 31.5 47.3





#57
1,3-Dichloropropane
Concen: 54.722 ug/l
RT: 11.165 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074825.D
Acq: 10 Oct 2022 11:52

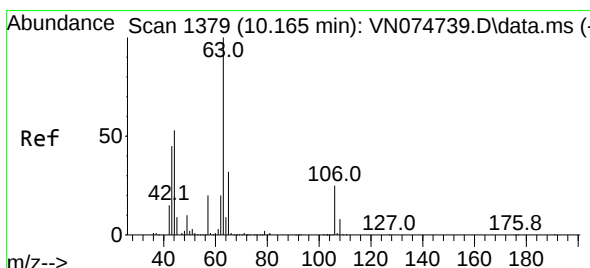
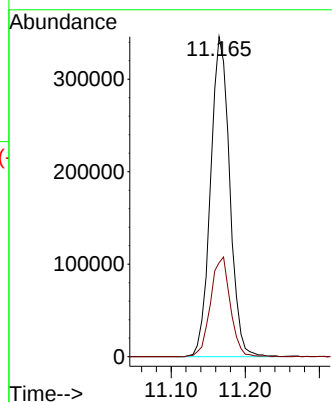
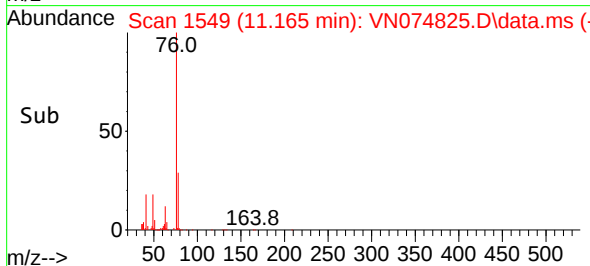
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



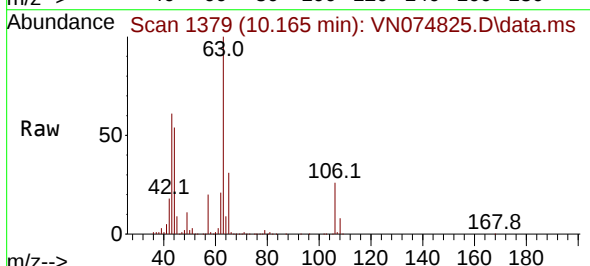
Tgt Ion: 76 Resp: 621330
Ion Ratio Lower Upper
76 100
78 32.2 26.2 39.2

Manual Integrations
APPROVED

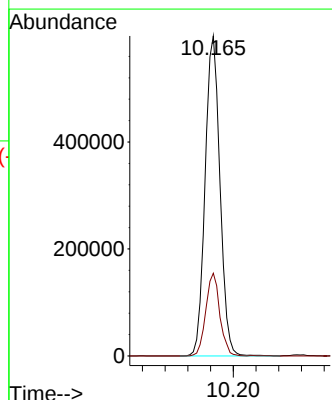
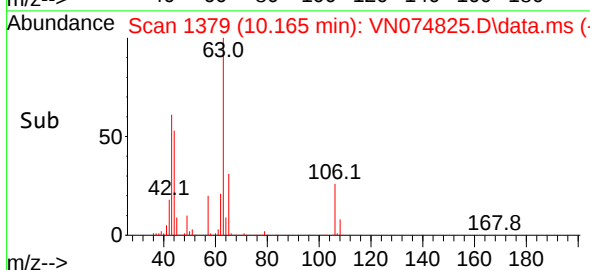
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022

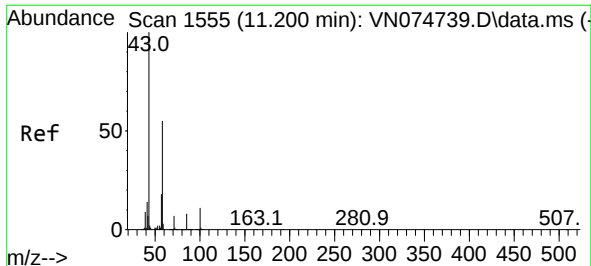


#58
2-Chloroethyl Vinyl ether
Concen: 261.234 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VN074825.D
Acq: 10 Oct 2022 11:52



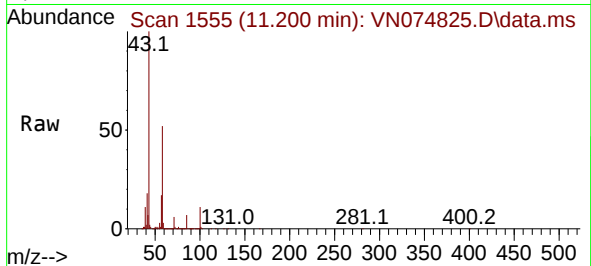
Tgt Ion: 63 Resp: 1081103
Ion Ratio Lower Upper
63 100
106 24.4 20.0 30.0





#59
2-Hexanone
Concen: 277.729 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN074825.D
Acq: 10 Oct 2022 11:52

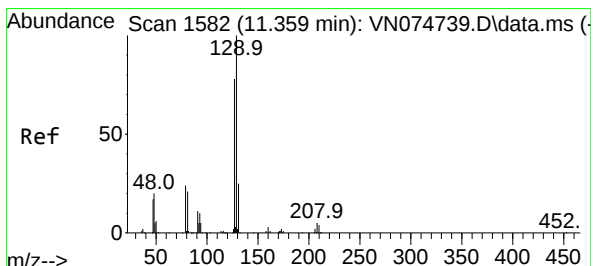
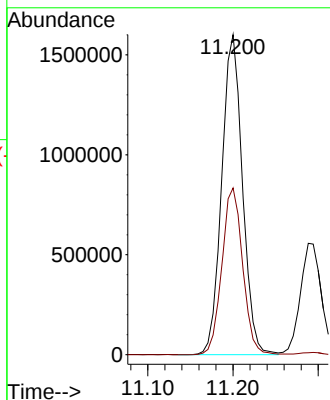
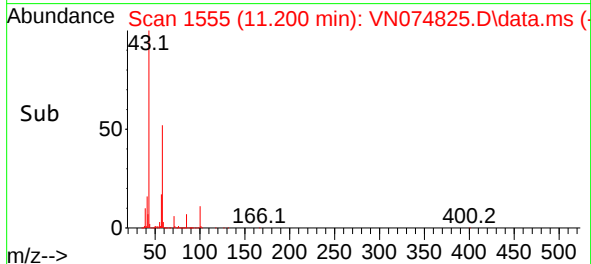
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 270143
Ion Ratio Lower Upper
43 100
58 52.3 27.3 81.9

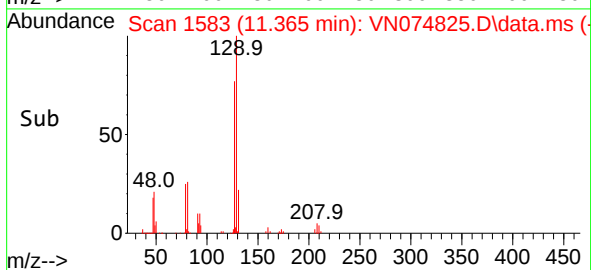
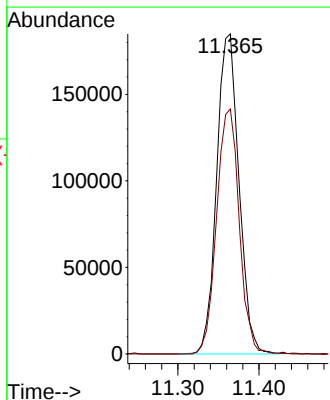
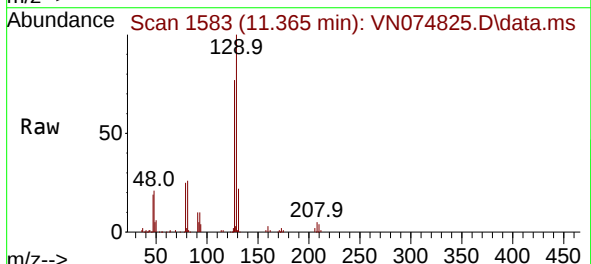
Manual Integrations
APPROVED

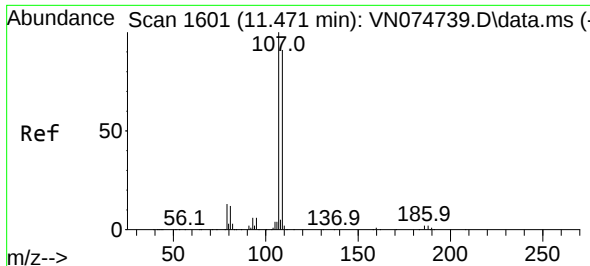
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#60
Dibromochloromethane
Concen: 56.871 ug/l
RT: 11.365 min Scan# 1583
Delta R.T. 0.006 min
Lab File: VN074825.D
Acq: 10 Oct 2022 11:52

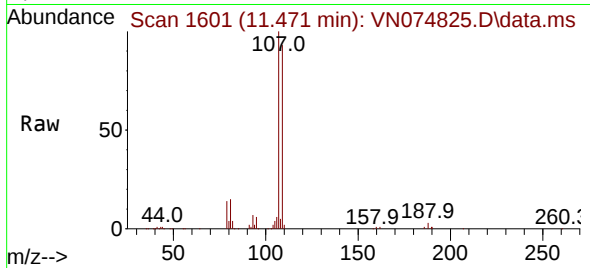
Tgt Ion:129 Resp: 352941
Ion Ratio Lower Upper
129 100
127 77.6 39.5 118.3





#61
1,2-Dibromoethane
Concen: 55.010 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN074825.D
Acq: 10 Oct 2022 11:52

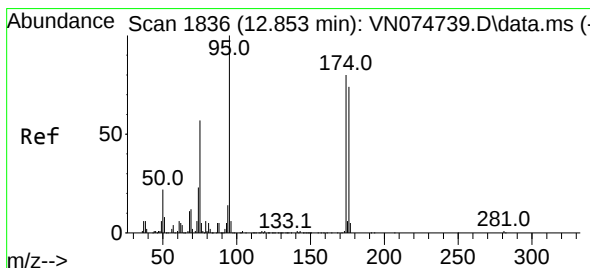
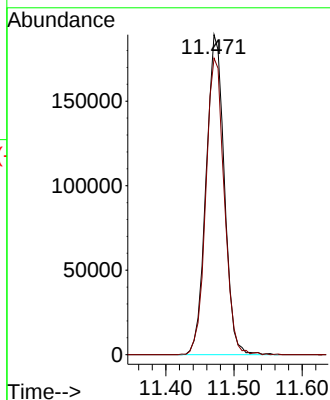
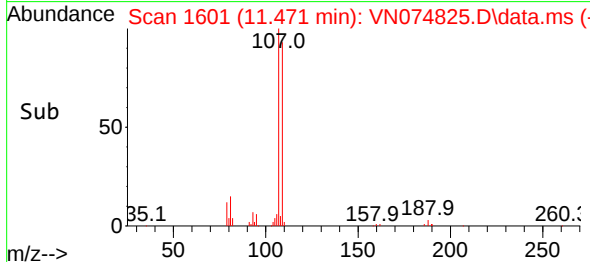
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 35238
Ion Ratio Lower Upper
107 100
109 93.6 74.2 111.2

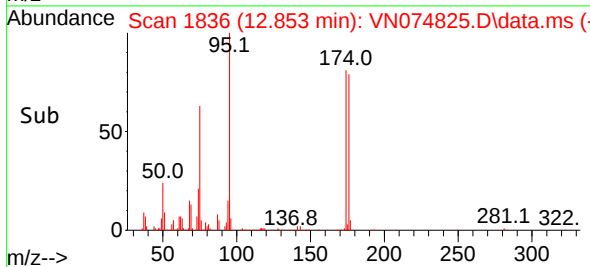
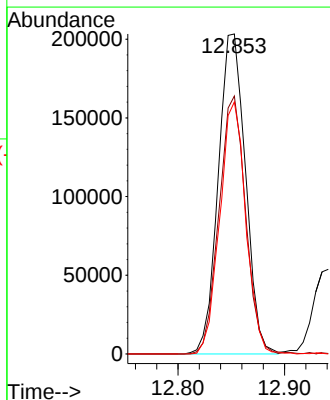
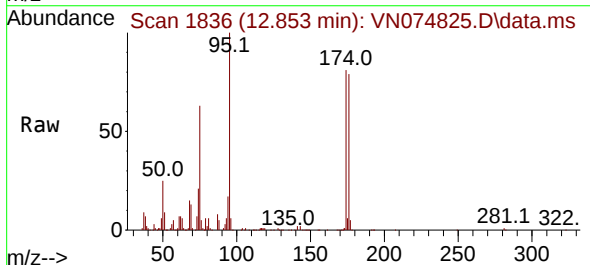
Manual Integrations
APPROVED

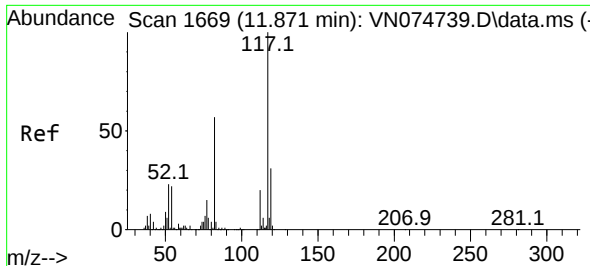
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#62
4-Bromofluorobenzene
Concen: 55.597 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN074825.D
Acq: 10 Oct 2022 11:52

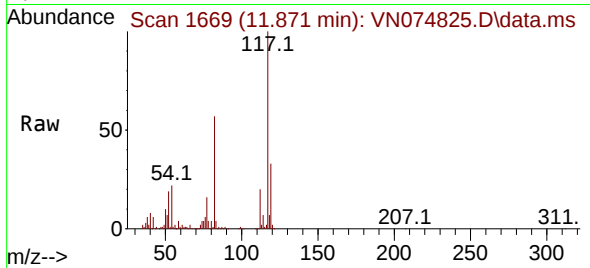
Tgt Ion: 95 Resp: 360952
Ion Ratio Lower Upper
95 100
174 78.6 0.0 149.4
176 75.3 0.0 142.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VN074825.D
Acq: 10 Oct 2022 11:52

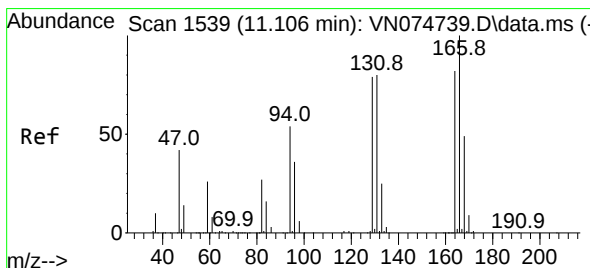
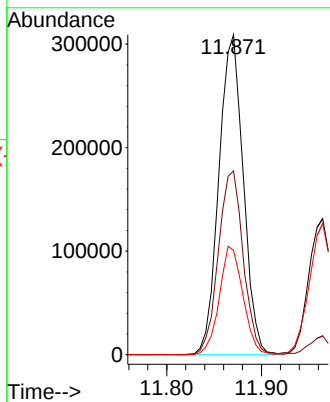
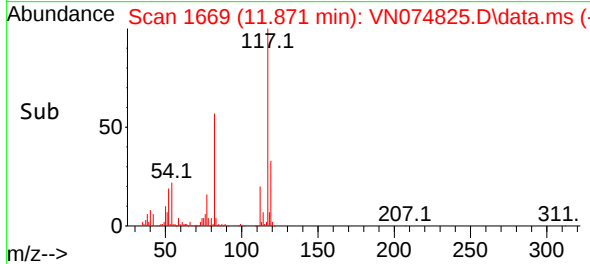
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



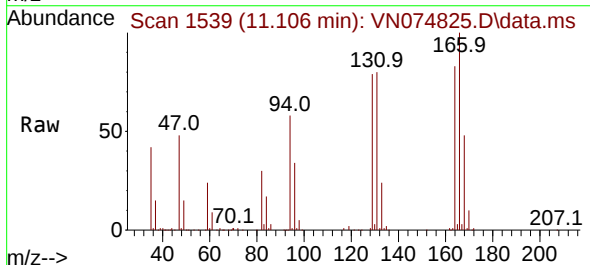
Tgt Ion:117 Resp: 553128
Ion Ratio Lower Upper
117 100
82 57.5 45.4 68.2
119 32.6 25.1 37.7

Manual Integrations
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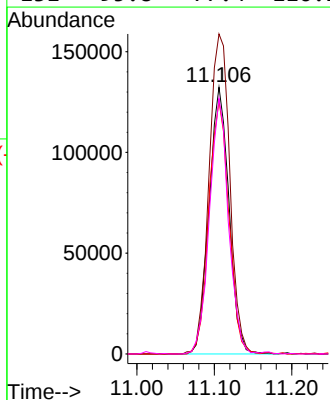
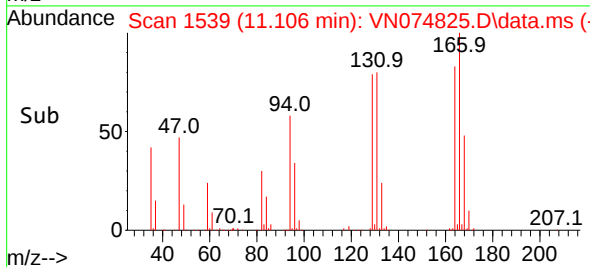
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022

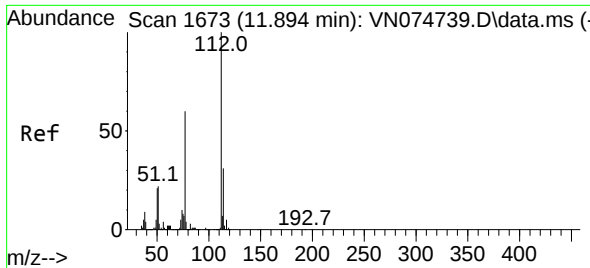


#64
Tetrachloroethene
Concen: 52.652 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN074825.D
Acq: 10 Oct 2022 11:52



Tgt Ion:164 Resp: 236422
Ion Ratio Lower Upper
164 100
166 120.0 97.0 145.6
129 94.7 77.0 115.6
131 95.8 77.4 116.2





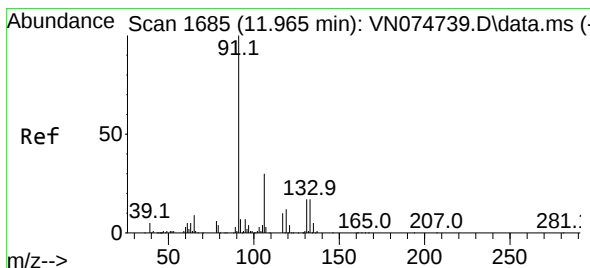
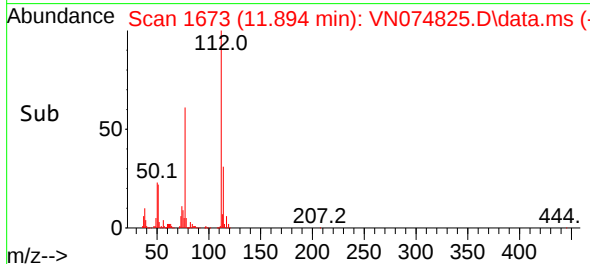
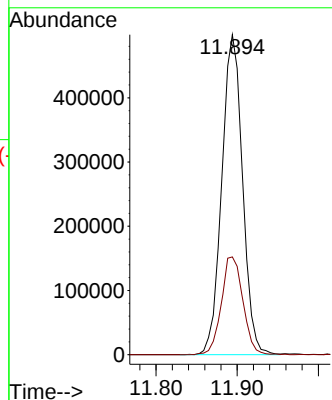
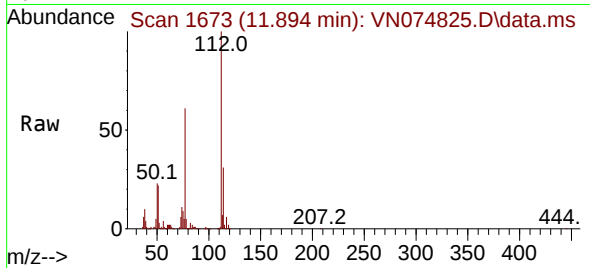
#65
Chlorobenzene
Concen: 52.216 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN074825.D
Acq: 10 Oct 2022 11:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 884809
Ion Ratio Lower Upper
112 100
114 30.5 25.0 37.4

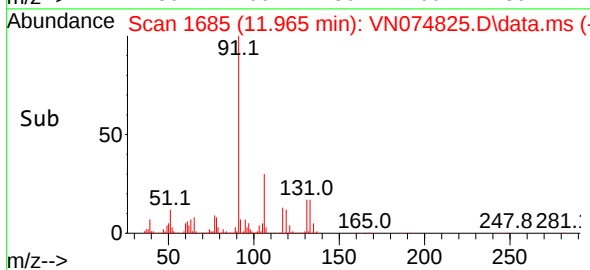
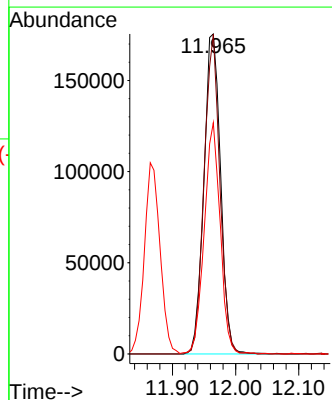
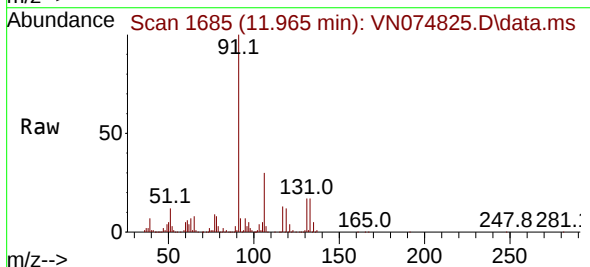
Manual Integrations
APPROVED

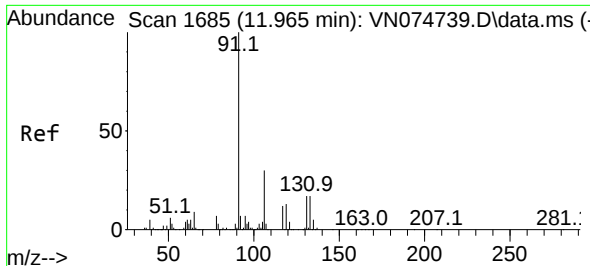
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 52.041 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN074825.D
Acq: 10 Oct 2022 11:52

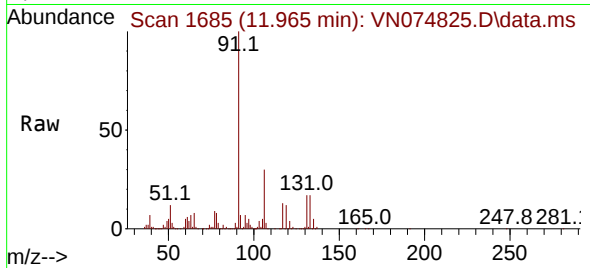
Tgt Ion:131 Resp: 321995
Ion Ratio Lower Upper
131 100
133 94.7 47.6 142.9
119 68.4 34.8 104.3





#67
Ethyl Benzene
Concen: 54.962 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN074825.D
Acq: 10 Oct 2022 11:52

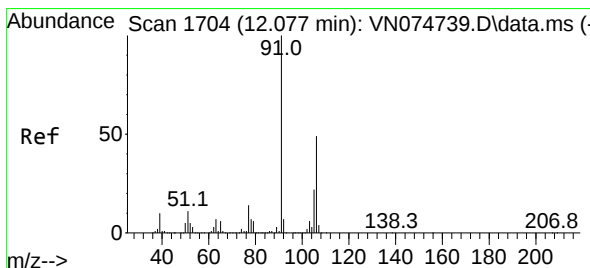
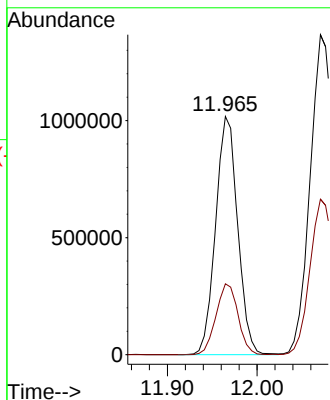
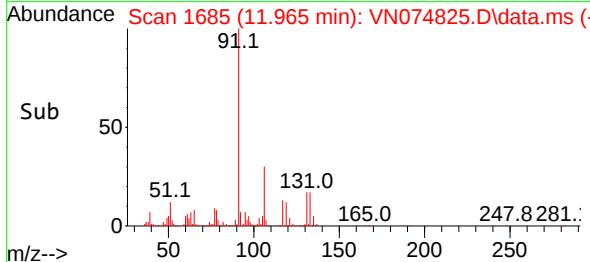
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



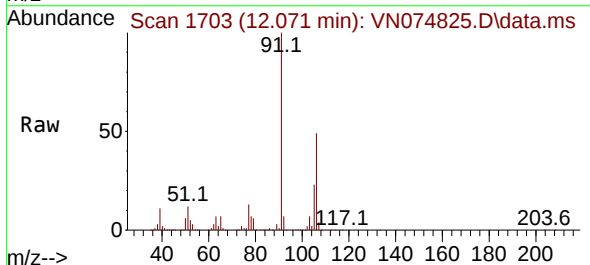
Tgt Ion: 91 Resp: 173595
Ion Ratio Lower Upper
91 100
106 29.7 24.1 36.1

Manual Integrations
APPROVED

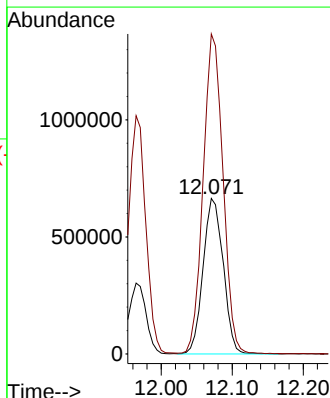
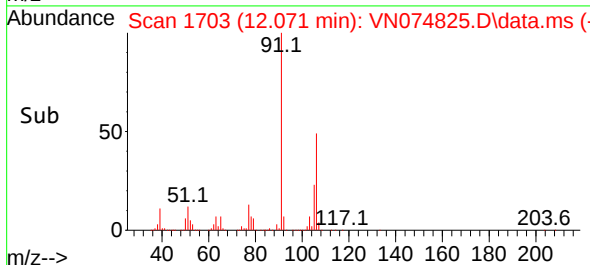
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022

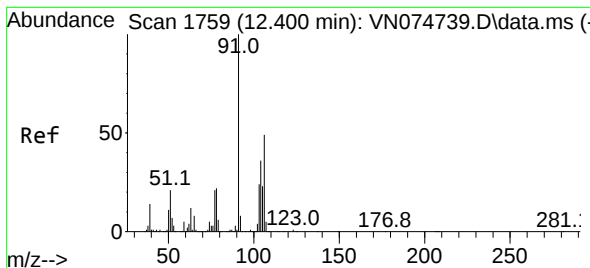


#68
m/p-Xylenes
Concen: 110.452 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN074825.D
Acq: 10 Oct 2022 11:52



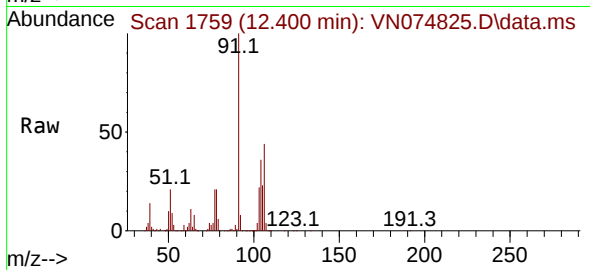
Tgt Ion:106 Resp: 1309581
Ion Ratio Lower Upper
106 100
91 202.7 164.2 246.4





#69
o-Xylene
Concen: 53.461 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN074825.D
Acq: 10 Oct 2022 11:52

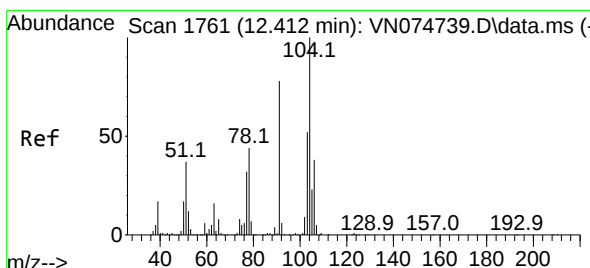
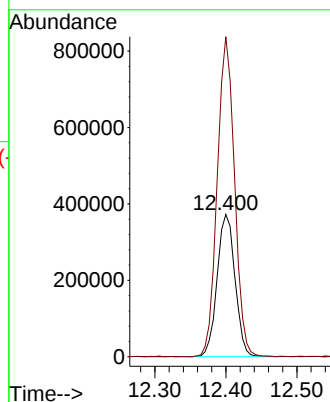
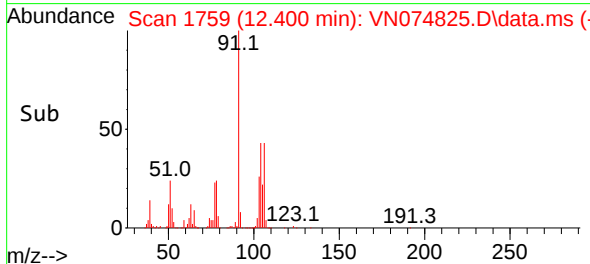
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



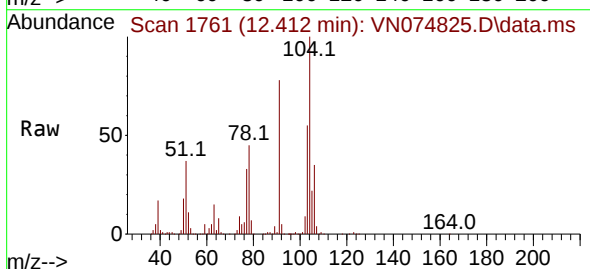
Tgt Ion:106 Resp: 650310
Ion Ratio Lower Upper
106 100
91 217.2 105.4 316.1

Manual Integrations
APPROVED

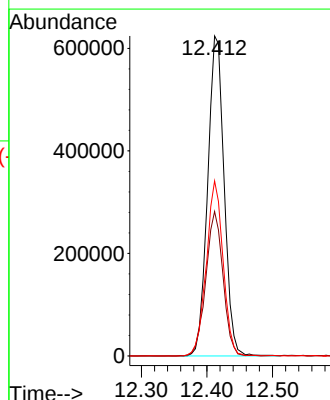
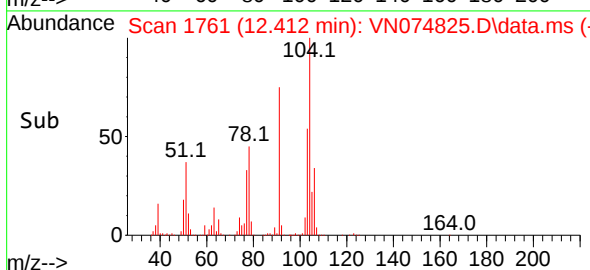
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022

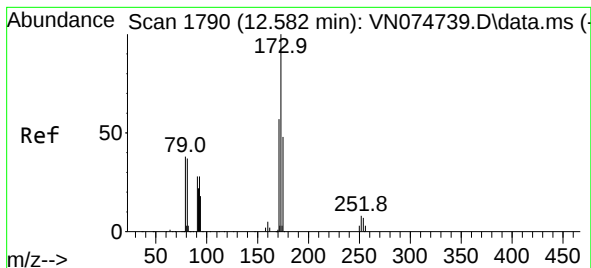


#70
Styrene
Concen: 56.925 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN074825.D
Acq: 10 Oct 2022 11:52



Tgt Ion:104 Resp: 1091627
Ion Ratio Lower Upper
104 100
78 47.1 39.7 59.5
103 55.8 44.7 67.1





#71

Bromoform

Concen: 54.397 ug/l

RT: 12.576 min Scan# 1790

Delta R.T. -0.006 min

Lab File: VN074825.D

Acq: 10 Oct 2022 11:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 256738

Ion Ratio Lower Upper

173 100

175 48.8 23.9 71.7

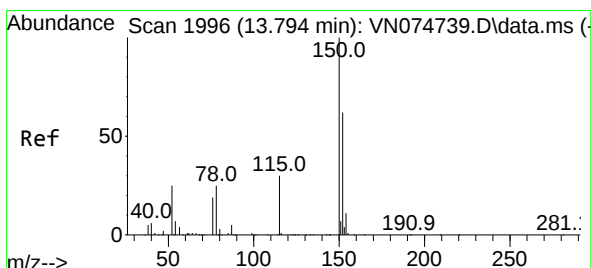
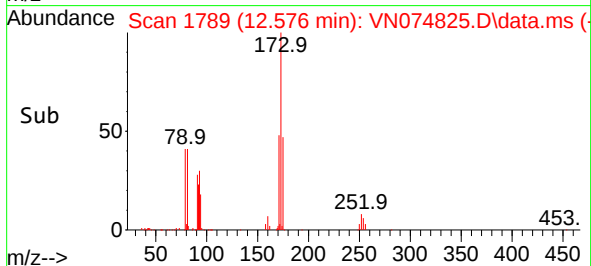
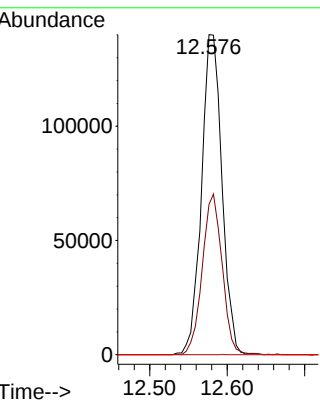
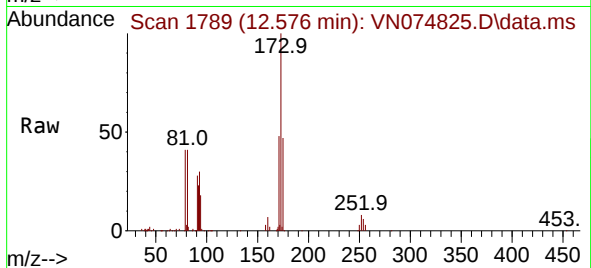
254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2022

Supervised By :Mahesh Dadoda 10/11/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VN074825.D

Acq: 10 Oct 2022 11:52

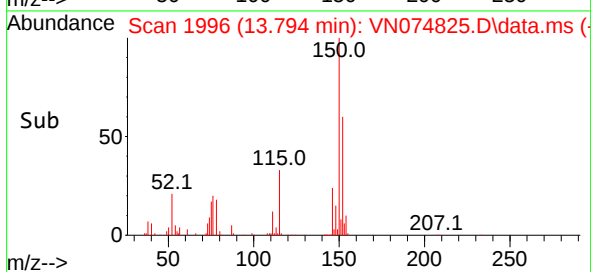
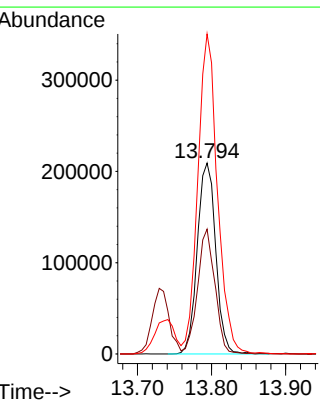
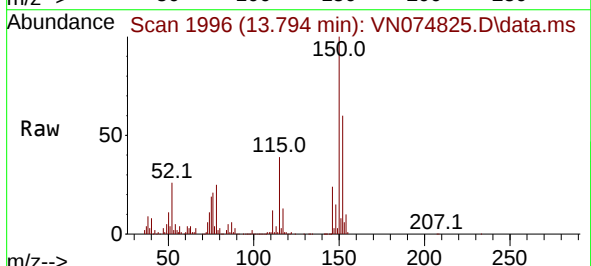
Tgt Ion:152 Resp: 361773

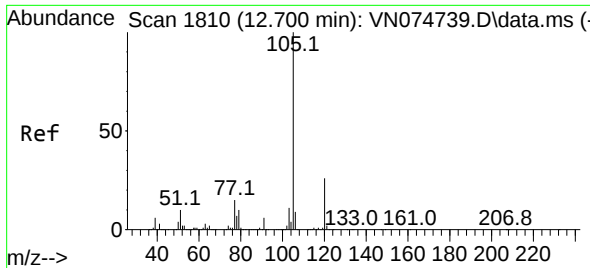
Ion Ratio Lower Upper

152 100

115 61.7 30.0 90.0

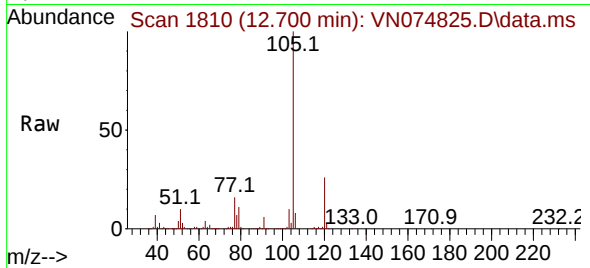
150 176.7 0.0 356.4





#73
Isopropylbenzene
Concen: 48.698 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN074825.D
Acq: 10 Oct 2022 11:52

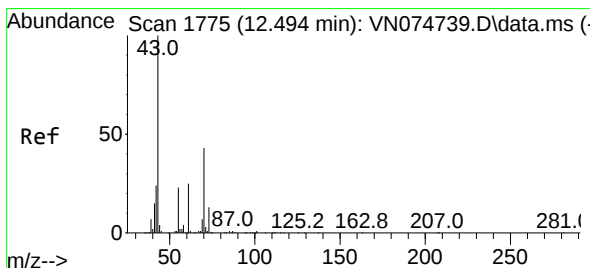
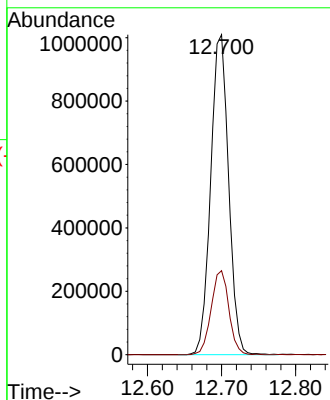
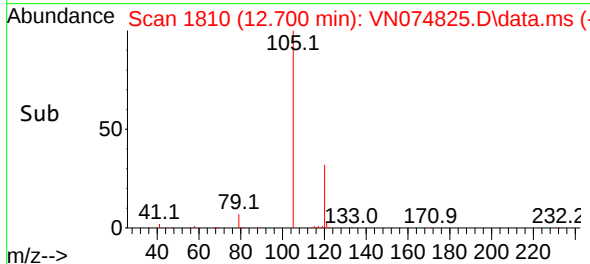
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



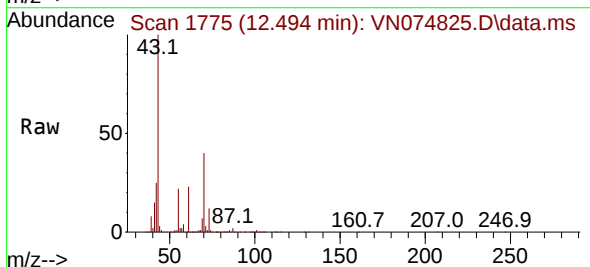
Tgt Ion:105 Resp: 1695334
Ion Ratio Lower Upper
105 100
120 25.9 13.1 39.3

Manual Integrations
APPROVED

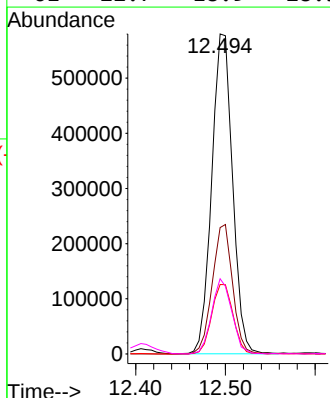
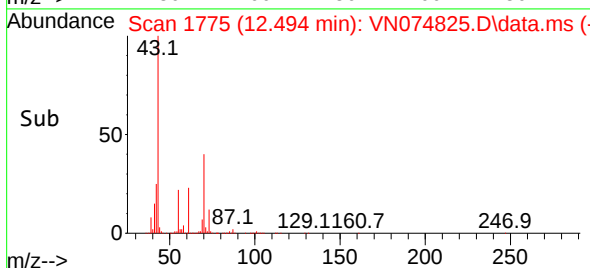
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022

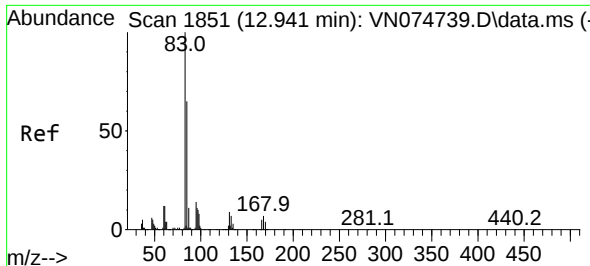


#74
N-ethyl acetate
Concen: 44.493 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN074825.D
Acq: 10 Oct 2022 11:52



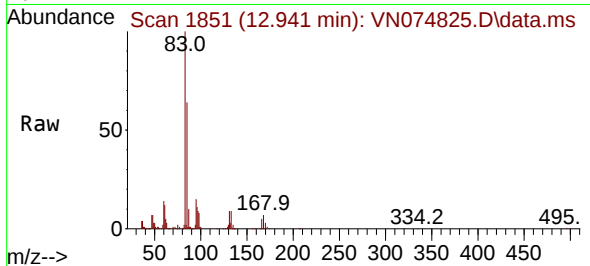
Tgt Ion: 43 Resp: 936513
Ion Ratio Lower Upper
43 100
70 39.5 32.9 49.3
55 22.3 17.8 26.6
61 22.7 18.9 28.3





#75
1,1,2,2-Tetrachloroethane
Concen: 55.090 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN074825.D
Acq: 10 Oct 2022 11:52

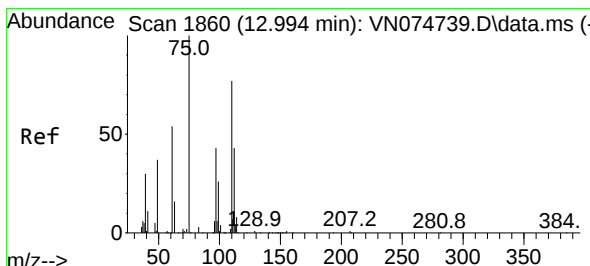
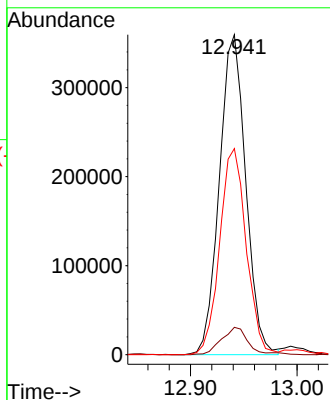
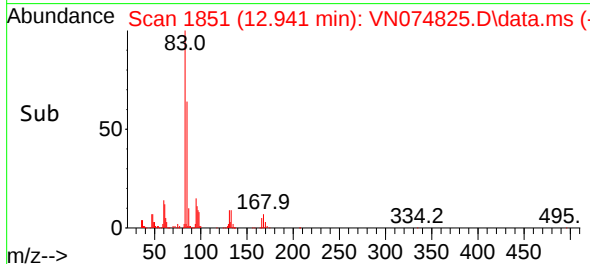
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



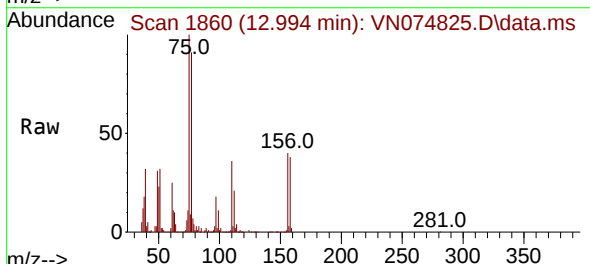
Tgt Ion: 83 Resp: 618120
Ion Ratio Lower Upper
83 100
131 8.7 4.3 12.8
85 64.8 32.9 98.6

Manual Integrations
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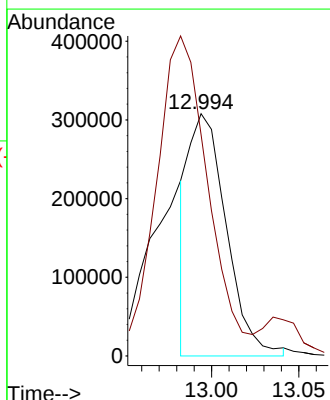
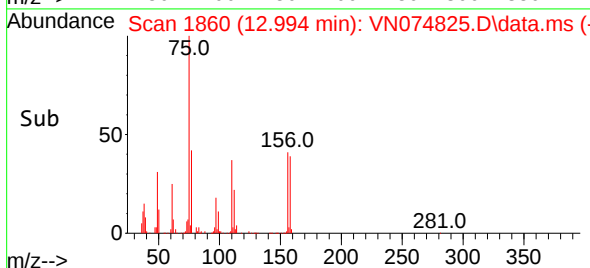
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022

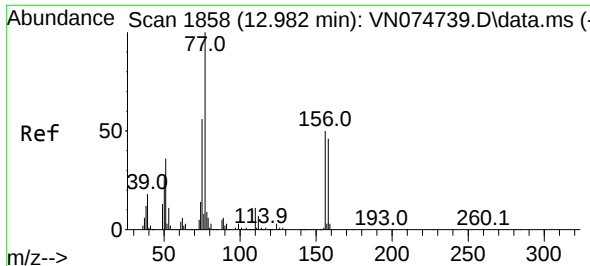


#76
1,2,3-Trichloropropane
Concen: 42.582 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN074825.D
Acq: 10 Oct 2022 11:52



Tgt Ion: 75 Resp: 459800
Ion Ratio Lower Upper
75 100
77 182.3 76.9 230.7





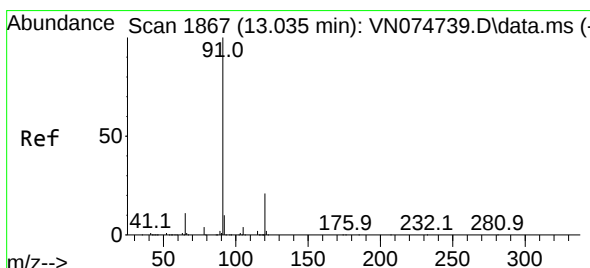
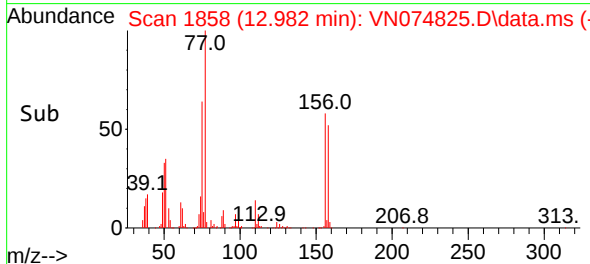
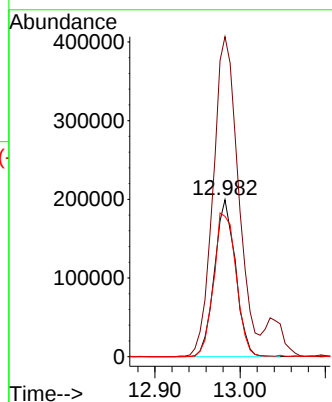
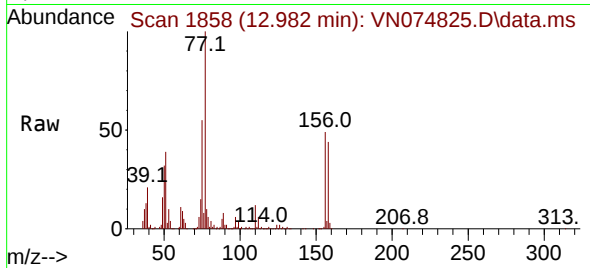
#77
Bromobenzene
Concen: 55.015 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN074825.D
Acq: 10 Oct 2022 11:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 342307
Ion Ratio Lower Upper
156 100
77 244.9 124.7 374.1
158 97.6 48.3 144.9

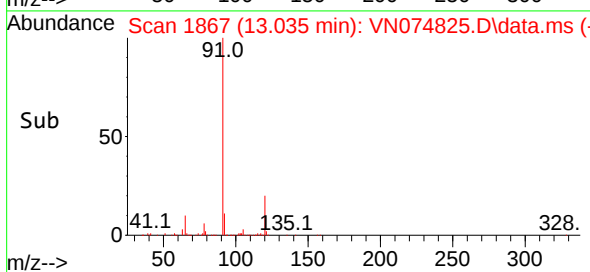
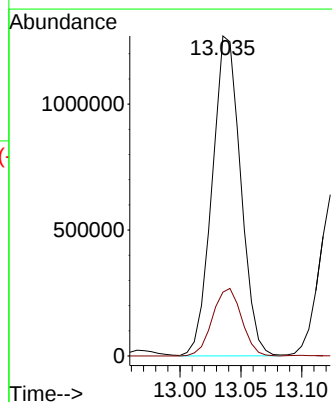
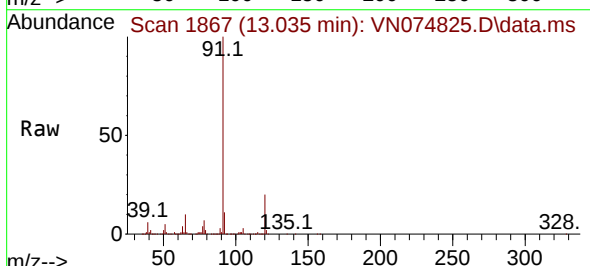
Manual Integrations
APPROVED

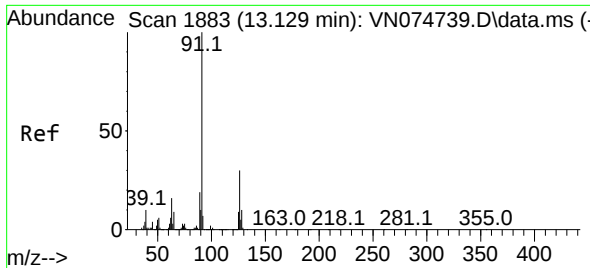
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#78
n-propylbenzene
Concen: 51.770 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN074825.D
Acq: 10 Oct 2022 11:52

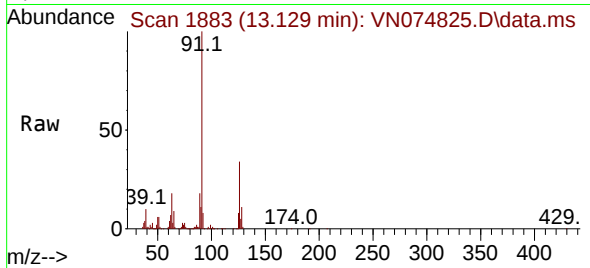
Tgt Ion: 91 Resp: 2076331
Ion Ratio Lower Upper
91 100
120 21.4 10.8 32.4





#79
2-Chlorotoluene
Concen: 47.795 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN074825.D
Acq: 10 Oct 2022 11:52

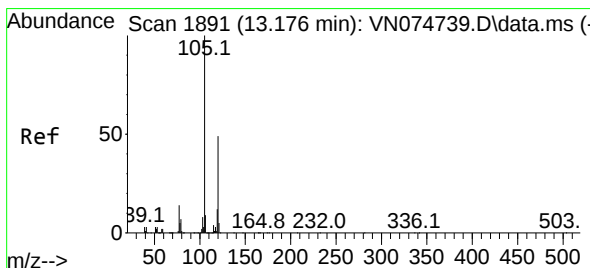
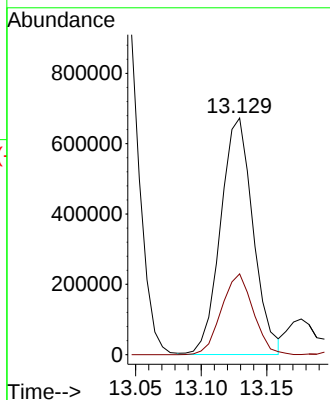
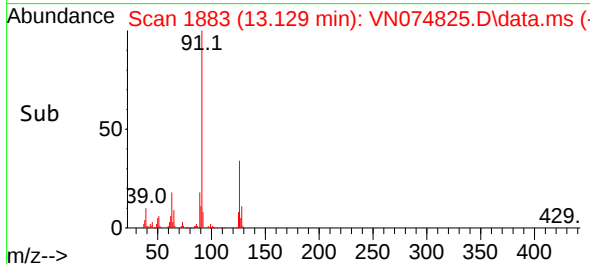
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



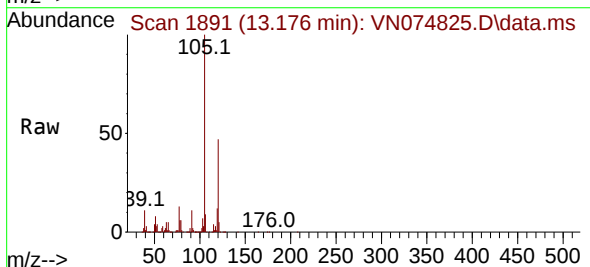
Tgt Ion: 91 Resp: 1162389
Ion Ratio Lower Upper
91 100
126 33.2 15.7 47.0

Manual Integrations
APPROVED

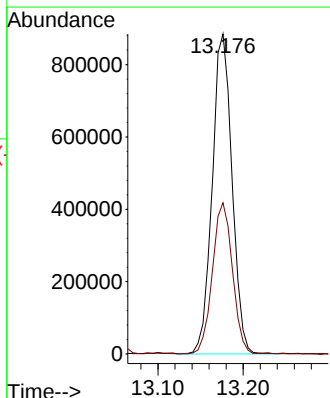
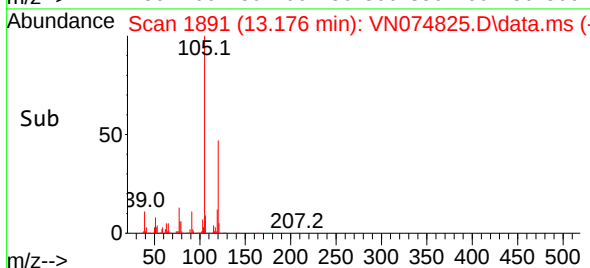
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022

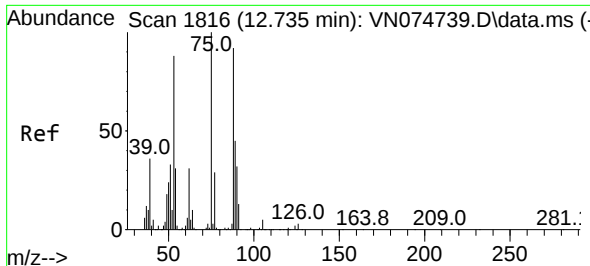


#80
1,3,5-Trimethylbenzene
Concen: 51.546 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN074825.D
Acq: 10 Oct 2022 11:52



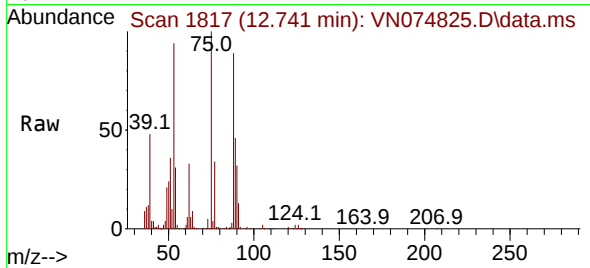
Tgt Ion:105 Resp: 1431144
Ion Ratio Lower Upper
105 100
120 48.0 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 44.660 ug/l
RT: 12.741 min Scan# 1816
Delta R.T. 0.006 min
Lab File: VN074825.D
Acq: 10 Oct 2022 11:52

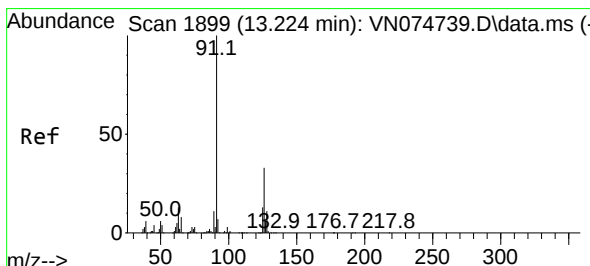
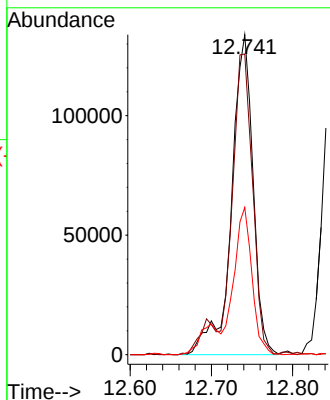
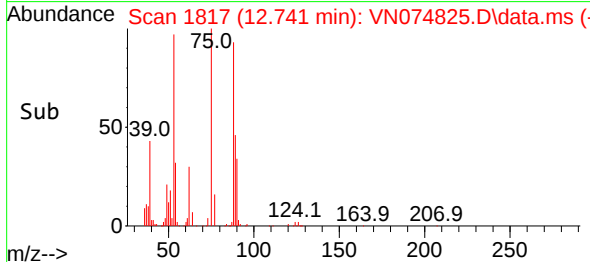
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



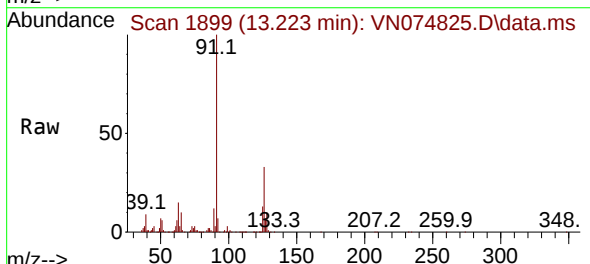
Tgt Ion: 75 Resp: 247510
Ion Ratio Lower Upper
75 100
53 86.7 71.4 107.0
89 38.4 32.1 48.1

Manual Integrations
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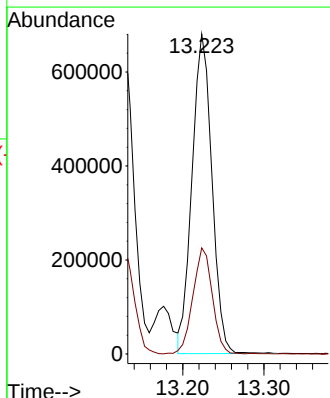
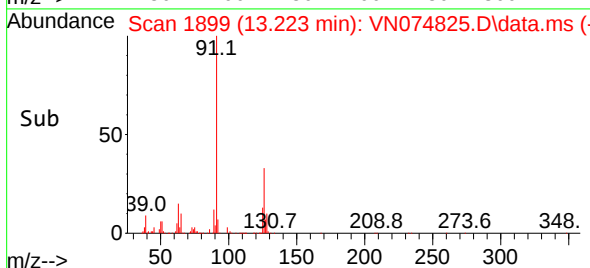
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022

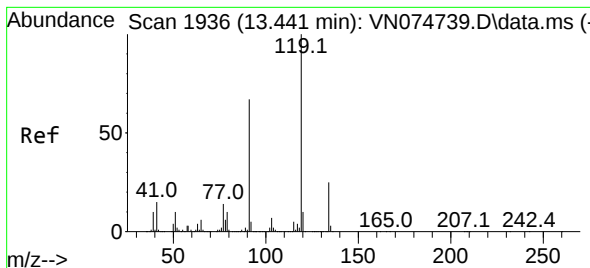


#82
4-Chlorotoluene
Concen: 51.333 ug/l
RT: 13.223 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN074825.D
Acq: 10 Oct 2022 11:52



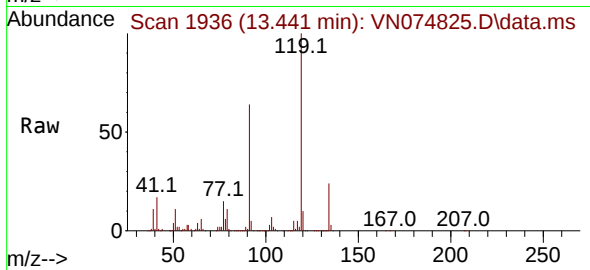
Tgt Ion: 91 Resp: 1157091
Ion Ratio Lower Upper
91 100
126 32.3 16.4 49.2





#83
 tert-Butylbenzene
 Concen: 50.856 ug/l
 RT: 13.441 min Scan# 1936
 Delta R.T. -0.000 min
 Lab File: VN074825.D
 Acq: 10 Oct 2022 11:52

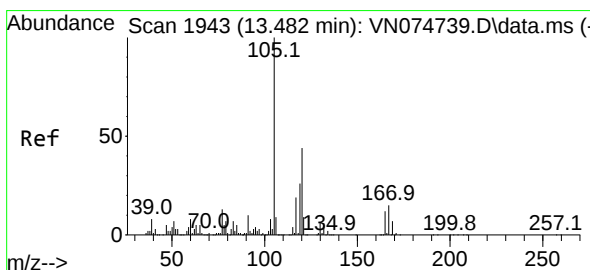
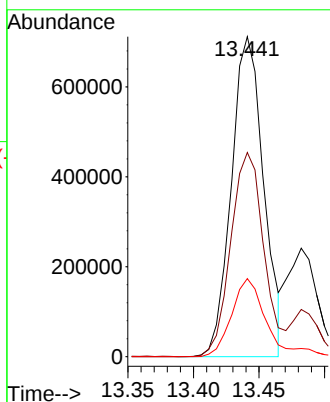
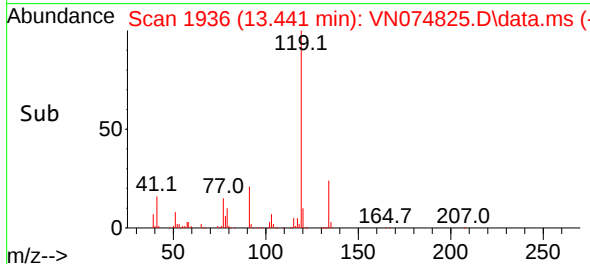
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



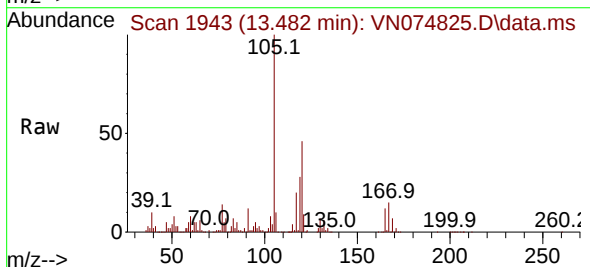
Tgt Ion:119 Resp: 1220170
 Ion Ratio Lower Upper
 119 100
 91 65.8 33.0 98.9
 134 26.4 13.2 39.5

Manual Integrations
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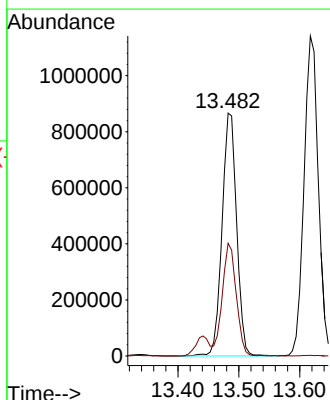
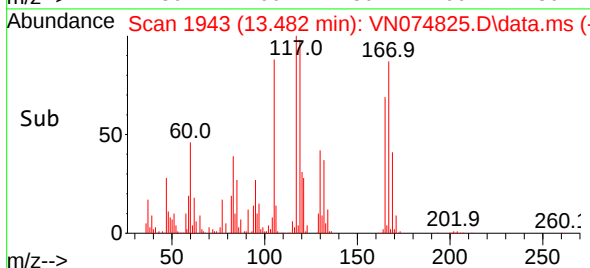
Reviewed By :John Carlone 10/11/2022
 Supervised By :Mahesh Dadoda 10/11/2022

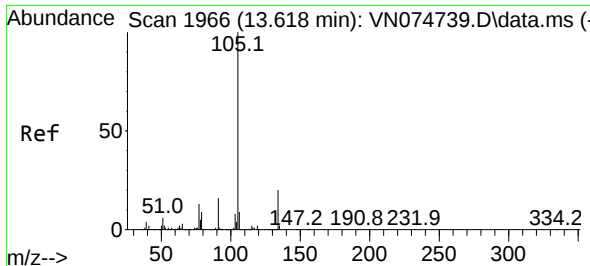


#84
 1,2,4-Trimethylbenzene
 Concen: 51.342 ug/l
 RT: 13.482 min Scan# 1943
 Delta R.T. -0.000 min
 Lab File: VN074825.D
 Acq: 10 Oct 2022 11:52



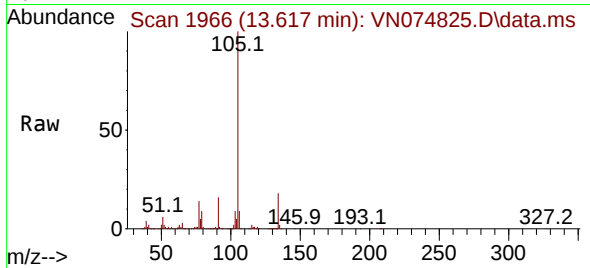
Tgt Ion:105 Resp: 1441394
 Ion Ratio Lower Upper
 105 100
 120 44.7 21.7 65.1





#85
 sec-Butylbenzene
 Concen: 53.412 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN074825.D
 Acq: 10 Oct 2022 11:52

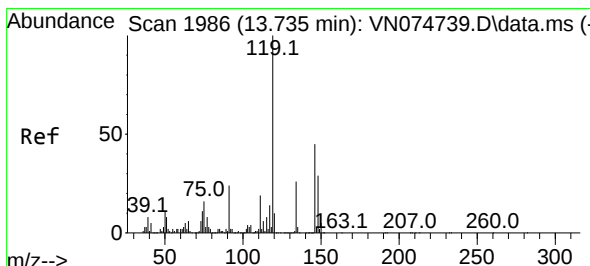
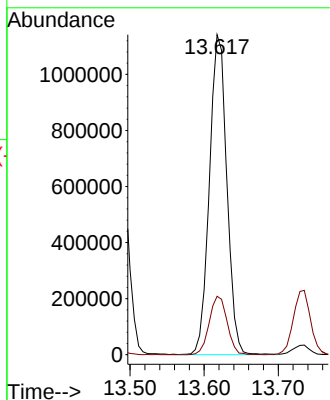
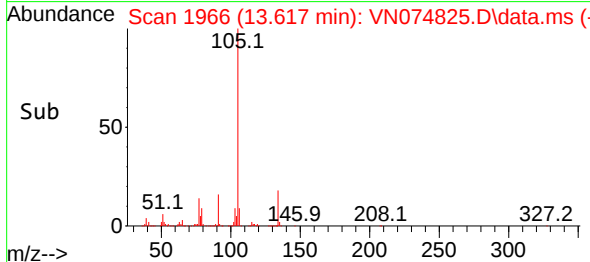
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



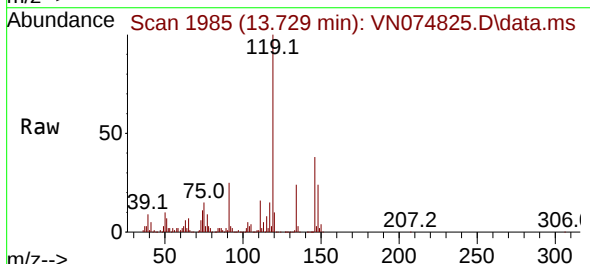
Tgt Ion:105 Resp: 1862225
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.4 28.2

Manual Integrations
 APPROVED

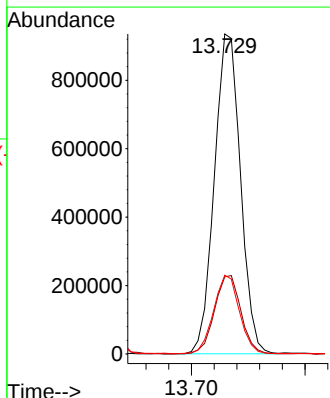
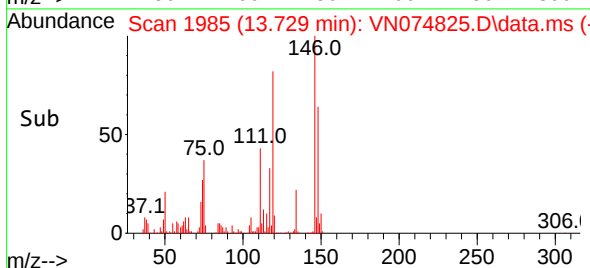
Reviewed By :John Carlone 10/11/2022
 Supervised By :Mahesh Dadoda 10/11/2022

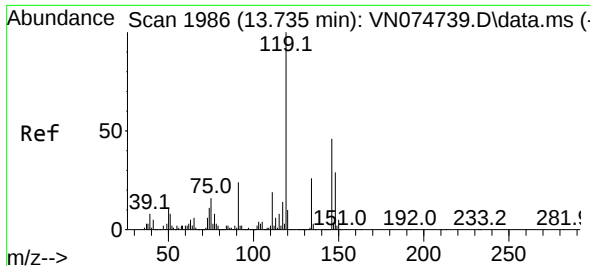


#86
 p-Isopropyltoluene
 Concen: 55.560 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.006 min
 Lab File: VN074825.D
 Acq: 10 Oct 2022 11:52



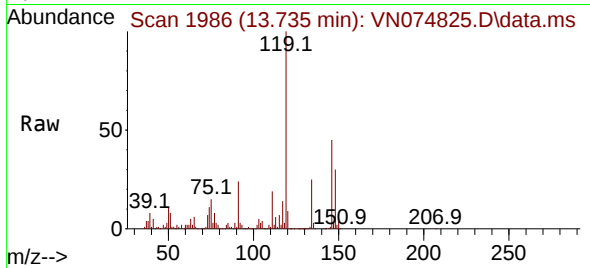
Tgt Ion:119 Resp: 1494890
 Ion Ratio Lower Upper
 119 100
 134 24.8 13.1 39.1
 91 24.2 12.0 36.0





#87
 1,3-Dichlorobenzene
 Concen: 50.576 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN074825.D
 Acq: 10 Oct 2022 11:52

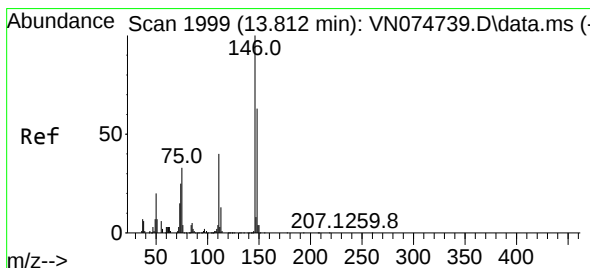
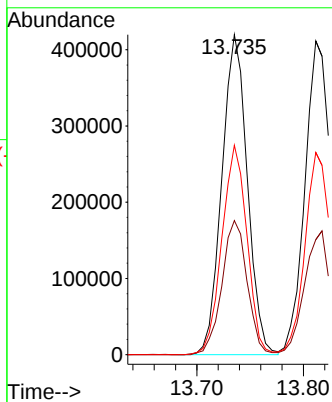
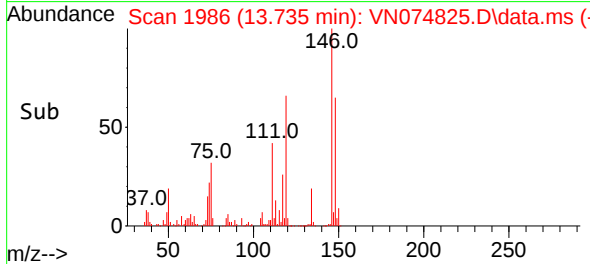
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion:146 Resp: 698285
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.8 62.2
 148 64.3 31.5 94.5

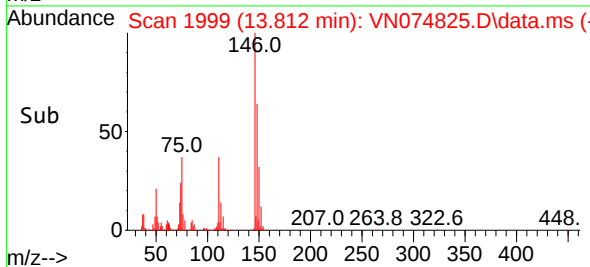
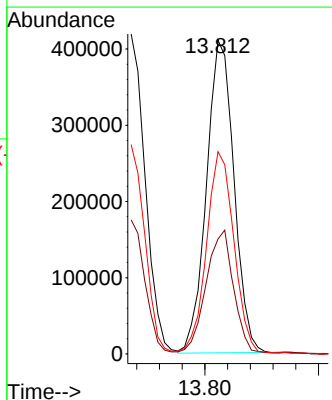
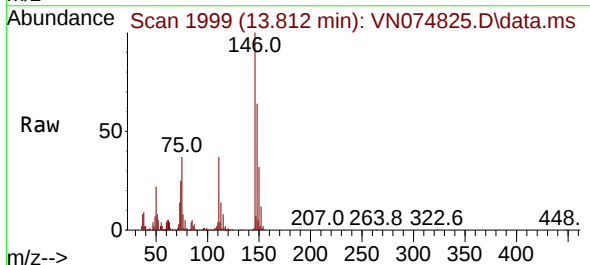
Manual Integrations
 APPROVED

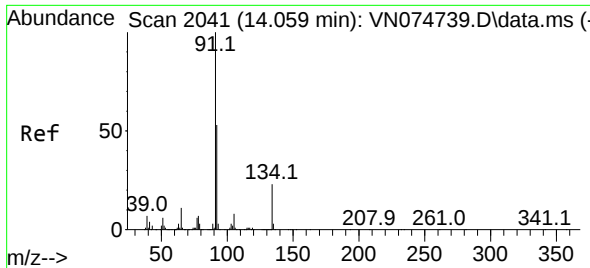
Reviewed By :John Carlone 10/11/2022
 Supervised By :Mahesh Dadoda 10/11/2022



#88
 1,4-Dichlorobenzene
 Concen: 52.921 ug/l
 RT: 13.812 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VN074825.D
 Acq: 10 Oct 2022 11:52

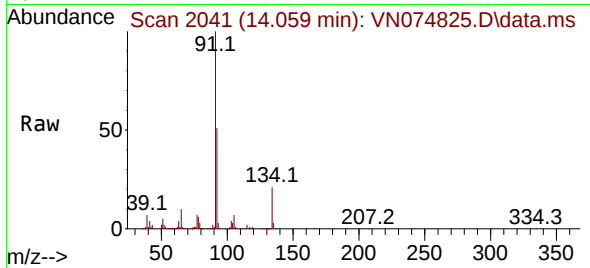
Tgt Ion:146 Resp: 690149
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.9 59.6
 148 65.4 31.8 95.4





#89
n-Butylbenzene
Concen: 57.113 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN074825.D
Acq: 10 Oct 2022 11:52

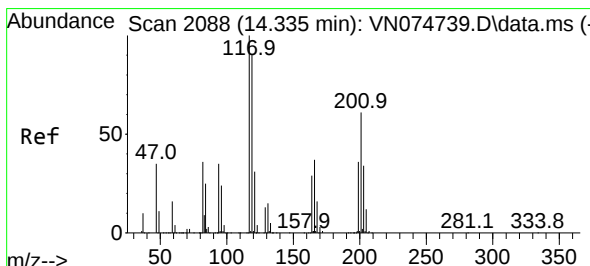
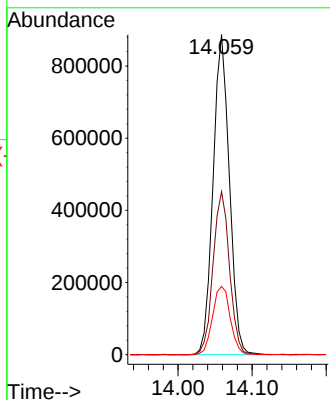
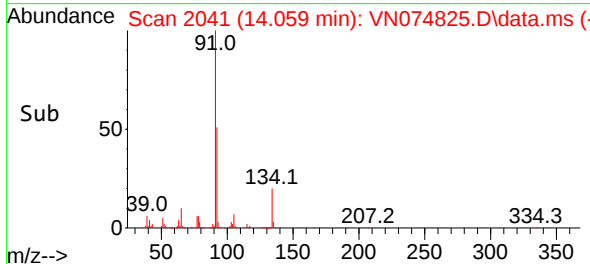
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 135443
Ion Ratio Lower Upper
91 100
92 51.4 26.7 80.0
134 23.2 11.9 35.5

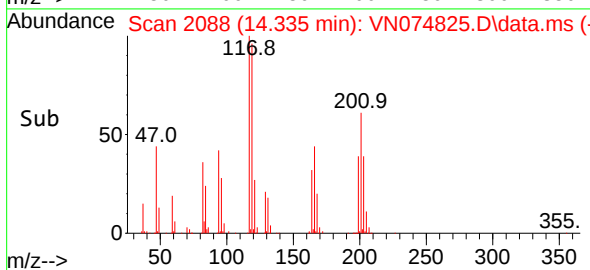
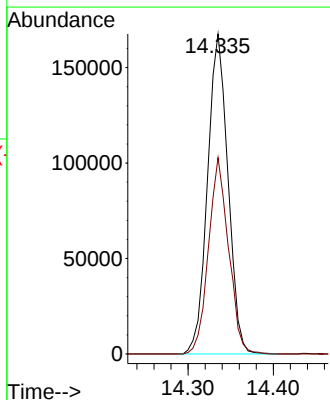
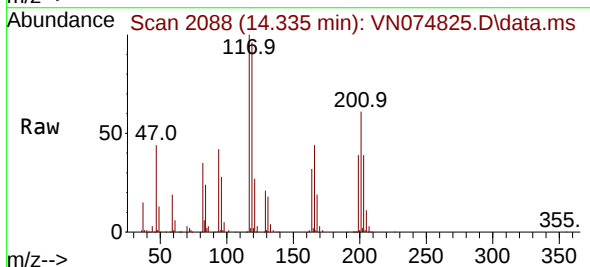
Manual Integrations
APPROVED

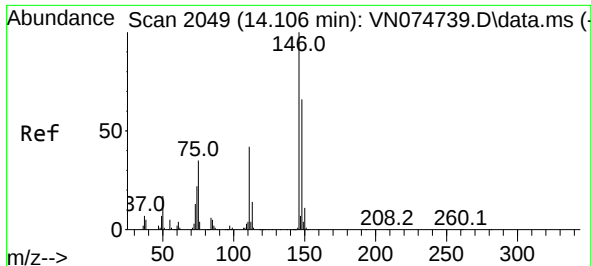
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#90
Hexachloroethane
Concen: 46.409 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN074825.D
Acq: 10 Oct 2022 11:52

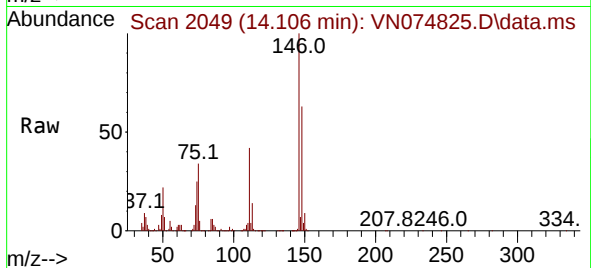
Tgt Ion:117 Resp: 279190
Ion Ratio Lower Upper
117 100
201 60.3 30.3 90.8





#91
1,2-Dichlorobenzene
Concen: 53.548 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN074825.D
Acq: 10 Oct 2022 11:52

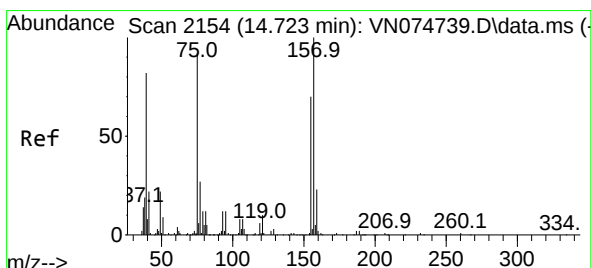
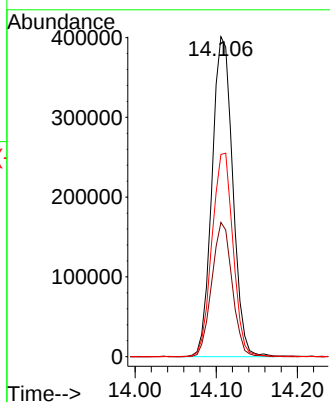
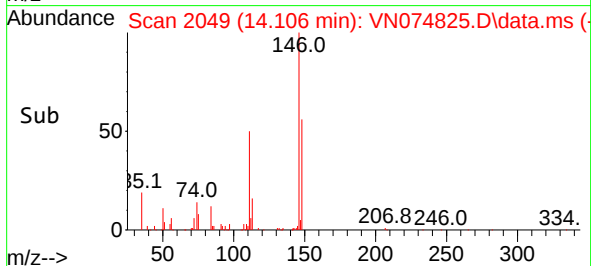
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 71197
Ion Ratio Lower Upper
146 100
111 41.4 21.5 64.5
148 64.9 31.9 95.9

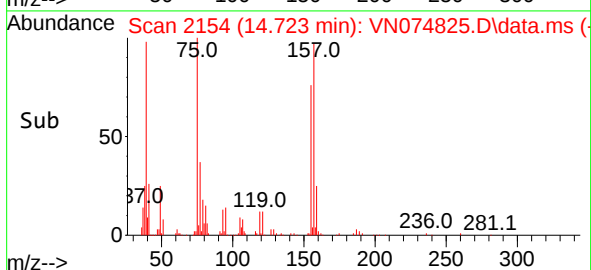
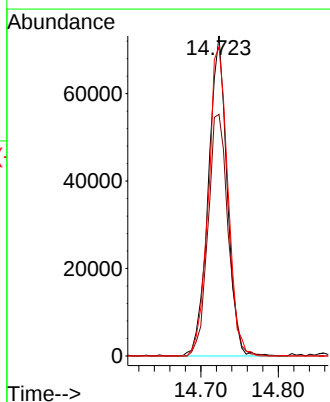
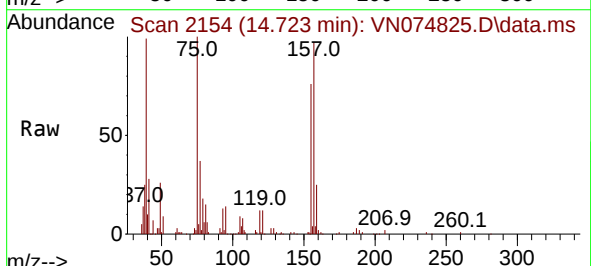
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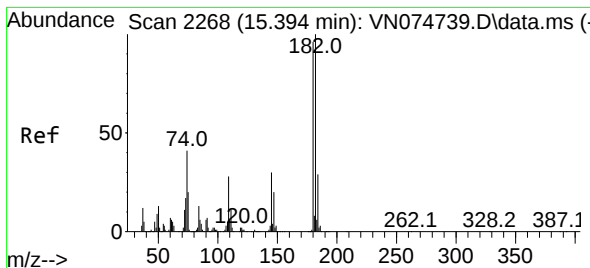
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 42.393 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN074825.D
Acq: 10 Oct 2022 11:52

Tgt Ion: 75 Resp: 122324
Ion Ratio Lower Upper
75 100
155 81.3 40.3 120.8
157 100.9 51.3 153.9





#93

1,2,4-Trichlorobenzene

Concen: 55.616 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN074825.D

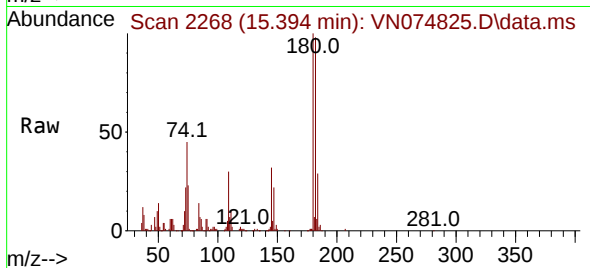
Acq: 10 Oct 2022 11:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion:180 Resp: 323460

Ion Ratio Lower Upper

180 100

182 95.7 48.5 145.5

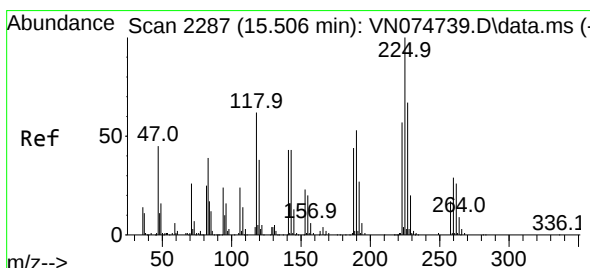
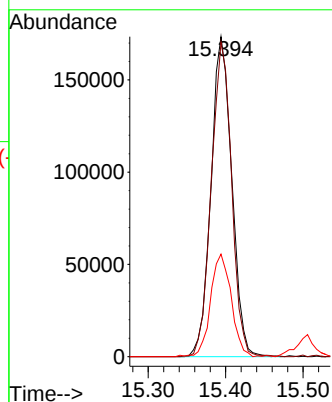
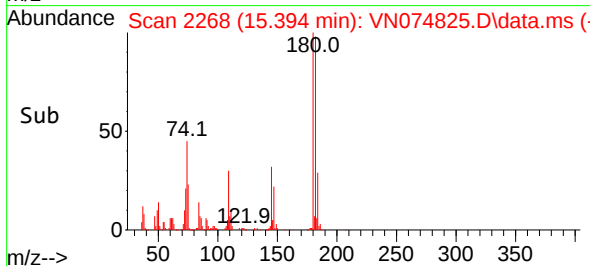
145 31.9 16.1 48.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2022

Supervised By :Mahesh Dadoda 10/11/2022



#94

Hexachlorobutadiene

Concen: 53.591 ug/l

RT: 15.500 min Scan# 2286

Delta R.T. -0.006 min

Lab File: VN074825.D

Acq: 10 Oct 2022 11:52

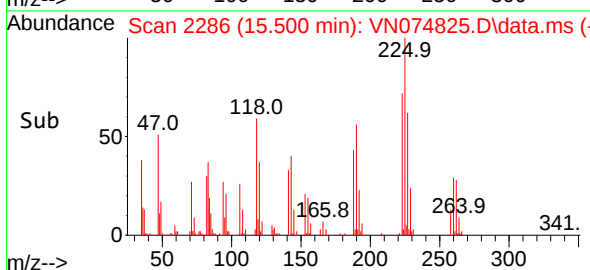
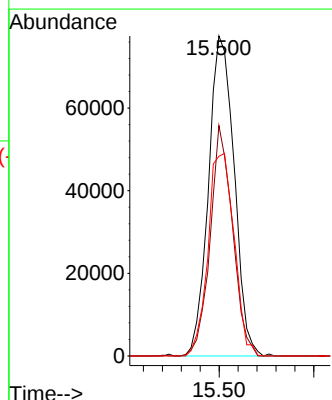
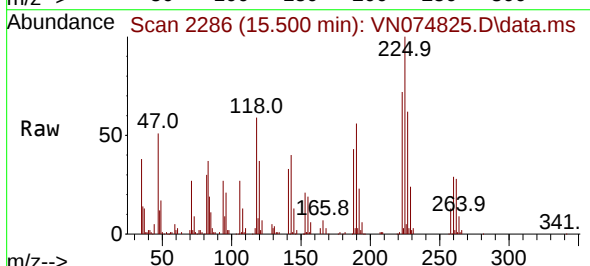
Tgt Ion:225 Resp: 145806

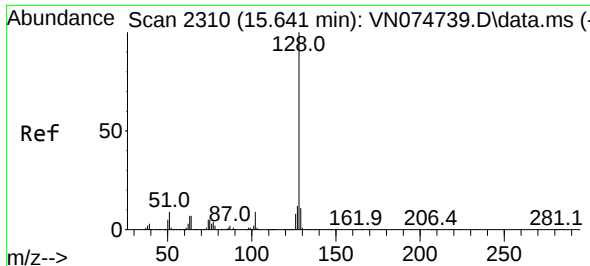
Ion Ratio Lower Upper

225 100

223 62.7 31.7 95.1

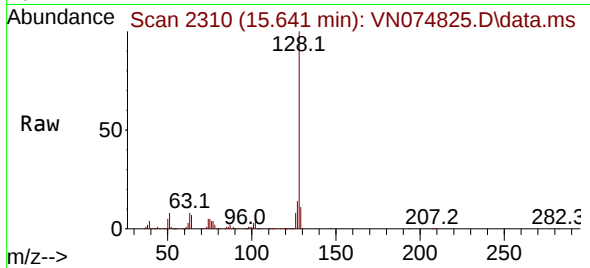
227 64.4 31.2 93.6





#95
Naphthalene
Concen: 51.168 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN074825.D
Acq: 10 Oct 2022 11:52

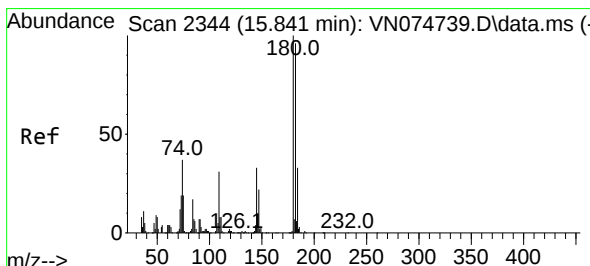
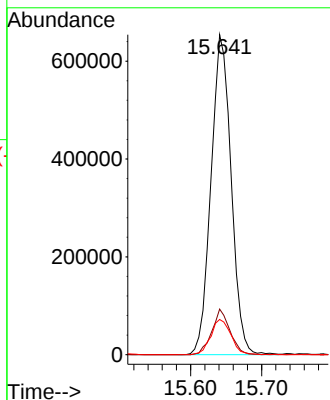
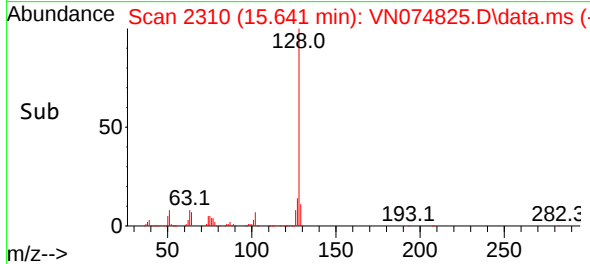
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 128659
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 11.0 9.0 13.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#96
1,2,3-Trichlorobenzene
Concen: 55.358 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN074825.D
Acq: 10 Oct 2022 11:52

Tgt Ion:180 Resp: 317639
Ion Ratio Lower Upper
180 100
182 95.4 47.3 142.0
145 33.1 17.1 51.2

