

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090922\
 Data File : VN074378.D
 Acq On : 09 Sep 2022 16:59
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 10 06:14:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 06:10:29 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/12/2022
 Supervised By : Mahesh Dadoda 09/12/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	280279	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	534378	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	520381	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	258697	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	262571	54.147	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.300%			
35) Dibromofluoromethane	7.945	113	186691	51.750	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.500%			
50) Toluene-d8	10.381	98	691249	49.175	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.360%			
62) 4-Bromofluorobenzene	12.675	95	270557	53.014	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.020%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	150725	41.496	ug/l	100
3) Chloromethane	2.263	50	235578	54.267	ug/l	95
4) Vinyl Chloride	2.405	62	288975	47.621	ug/l	97
5) Bromomethane	2.775	94	244444	57.646	ug/l	96
6) Chloroethane	2.952	64	210430m	56.611	ug/l	
7) Trichlorofluoromethane	3.305	101	264996	44.227	ug/l	99
8) Diethyl Ether	3.757	74	139511	55.181	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.140	101	157402	43.838	ug/l	99
10) Methyl Iodide	4.340	142	220120	53.033	ug/l	98
11) Tert butyl alcohol	5.287	59	342496	270.025	ug/l	99
12) 1,1-Dichloroethene	4.104	96	155581	44.529	ug/l	99
13) Acrolein	3.975	56	215745	256.067	ug/l	96
14) Allyl chloride	4.757	41	386814	50.472	ug/l	99
15) Acrylonitrile	5.469	53	829663	285.907	ug/l	98
16) Acetone	4.216	43	716916	273.844	ug/l	99
17) Carbon Disulfide	4.452	76	444016	46.760	ug/l	99
18) Methyl Acetate	4.769	43	409021	52.999	ug/l	97
19) Methyl tert-butyl Ether	5.522	73	771885	54.889	ug/l	99
20) Methylene Chloride	5.004	84	221239	57.832	ug/l	95
21) trans-1,2-Dichloroethene	5.504	96	188790	48.221	ug/l	94
22) Diisopropyl ether	6.410	45	862490	55.894	ug/l	98
23) Vinyl Acetate	6.346	43	4036441	293.106	ug/l	99
24) 1,1-Dichloroethane	6.304	63	404470	51.012	ug/l	97
25) 2-Butanone	7.251	43	1263410	287.491	ug/l	99
26) 2,2-Dichloropropane	7.240	77	312005	43.497	ug/l	100
27) cis-1,2-Dichloroethene	7.245	96	241726	50.115	ug/l	98
28) Bromochloromethane	7.581	49	135196	57.004	ug/l	99
29) Tetrahydrofuran	7.604	42	850491	292.766	ug/l	99
30) Chloroform	7.745	83	433038	54.715	ug/l	97
31) Cyclohexane	8.022	56	345306	44.774	ug/l	95
32) 1,1,1-Trichloroethane	7.940	97	344458	48.515	ug/l	97
36) 1,1-Dichloropropene	8.145	75	279430	47.016	ug/l	99
37) Ethyl Acetate	7.334	43	503110	58.356	ug/l	98
38) Carbon Tetrachloride	8.134	117	288766	47.063	ug/l	99
39) Methylcyclohexane	9.392	83	337185	44.764	ug/l	95
40) Benzene	8.387	78	943008	51.822	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.557	41	237935	55.619	ug/l	91
42) 1,2-Dichloroethane	8.457	62	372245	53.510	ug/l	99
43) Isopropyl Acetate	8.492	43	788100	55.896	ug/l	99
44) Trichloroethene	9.145	130	206313	50.573	ug/l	97
45) 1,2-Dichloropropane	9.428	63	259780	53.779	ug/l	99
46) Dibromomethane	9.510	93	181509	54.879	ug/l	97
47) Bromodichloromethane	9.698	83	352288	53.437	ug/l	96
48) Methyl methacrylate	9.492	41	338933	54.546	ug/l	97
49) 1,4-Dioxane	9.504	88	137710	1051.661	ug/l	96
51) 4-Methyl-2-Pentanone	10.269	43	2656907	288.152	ug/l	100
52) Toluene	10.445	92	596894	53.041	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	406849	55.942	ug/l	94
54) cis-1,3-Dichloropropene	10.128	75	404513	52.174	ug/l	97
55) 1,1,2-Trichloroethane	10.839	97	255126	55.000	ug/l	98
56) Ethyl methacrylate	10.704	69	460385	58.412	ug/l	98
57) 1,3-Dichloropropane	10.986	76	456169	56.261	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.981	63	1005399	274.216	ug/l	99
59) 2-Hexanone	11.028	43	2074257	291.514	ug/l	99
60) Dibromochloromethane	11.180	129	270372	57.569	ug/l	100
61) 1,2-Dibromoethane	11.286	107	270302	56.640	ug/l	99
64) Tetrachloroethene	10.916	164	159816	45.303	ug/l	92
65) Chlorobenzene	11.710	112	623128	49.660	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.786	131	240871	49.143	ug/l	98
67) Ethyl Benzene	11.786	91	1158322	48.874	ug/l	99
68) m/p-Xylenes	11.892	106	887061	99.562	ug/l	100
69) o-Xylene	12.222	106	447540	49.972	ug/l	98
70) Styrene	12.233	104	772497	54.254	ug/l	99
71) Bromoform	12.398	173	207034	56.392	ug/l #	100
73) Isopropylbenzene	12.522	105	1128768	45.415	ug/l	99
74) N-amyl acetate	12.333	43	717545	56.936	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.769	83	459307	49.173	ug/l	99
76) 1,2,3-Trichloropropane	12.822	75	358093m	52.951	ug/l	
77) Bromobenzene	12.804	156	258086	48.369	ug/l	98
78) n-propylbenzene	12.863	91	1369762	48.106	ug/l	99
79) 2-Chlorotoluene	12.951	91	827785	47.684	ug/l	100
80) 1,3,5-Trimethylbenzene	13.004	105	979707	47.511	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.569	75	156291	51.513	ug/l	97
82) 4-Chlorotoluene	13.045	91	830679	49.593	ug/l	100
83) tert-Butylbenzene	13.263	119	840089	45.252	ug/l	98
84) 1,2,4-Trimethylbenzene	13.310	105	994906	48.679	ug/l	100
85) sec-Butylbenzene	13.445	105	1187920	47.021	ug/l	98
86) p-Isopropyltoluene	13.557	119	985690	48.744	ug/l	99
87) 1,3-Dichlorobenzene	13.557	146	494499	50.126	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	482079	48.374	ug/l	98
89) n-Butylbenzene	13.886	91	863174	50.162	ug/l	99
90) Hexachloroethane	14.151	117	194243	45.469	ug/l	97
91) 1,2-Dichlorobenzene	13.933	146	501212	48.311	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.545	75	111498	52.986	ug/l	95
93) 1,2,4-Trichlorobenzene	15.198	180	257323	49.774	ug/l	97
94) Hexachlorobutadiene	15.304	225	107328	45.805	ug/l	97
95) Naphthalene	15.439	128	1103324	54.550	ug/l	99
96) 1,2,3-Trichlorobenzene	15.633	180	273988	51.214	ug/l	99

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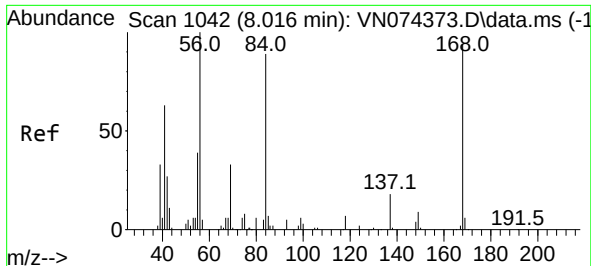
Manual Integrations
APPROVED

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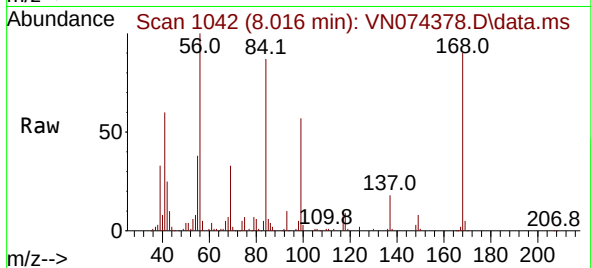
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
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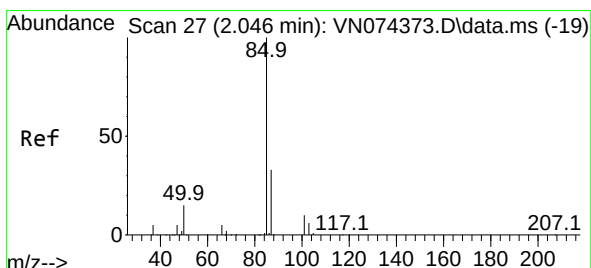
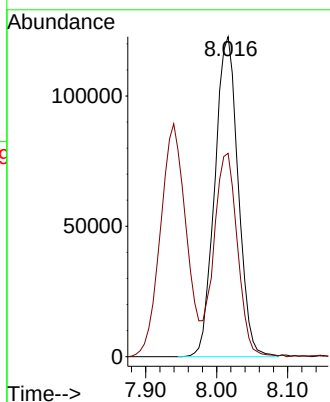
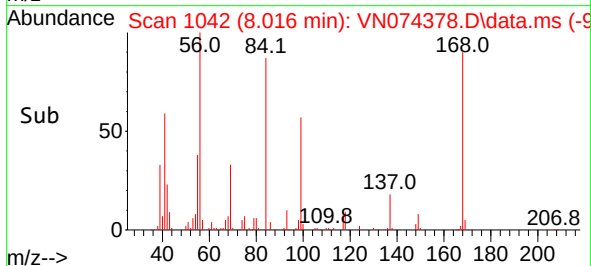
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 168 Resp: 280279
Ion Ratio Lower Upper
168 100
99 63.3 52.8 79.2

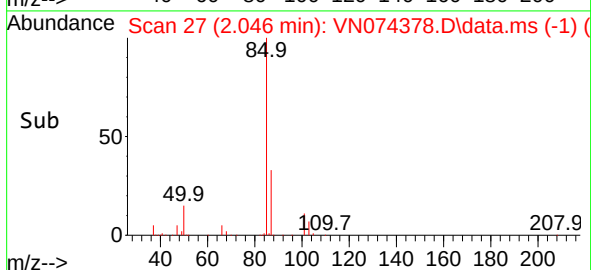
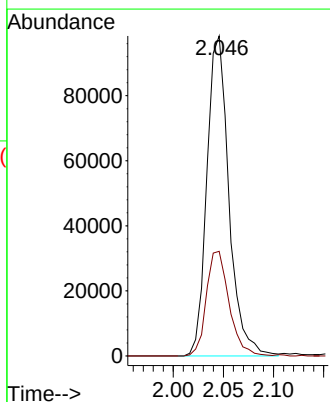
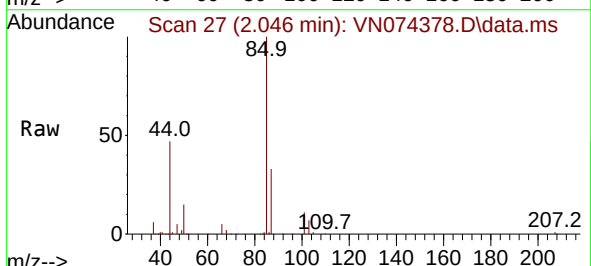
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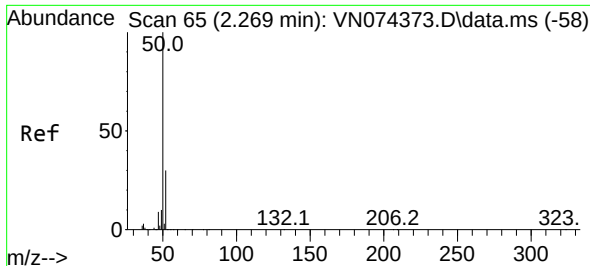
Reviewed By :John Carlone 09/12/2022
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#2
Dichlorodifluoromethane
Concen: 41.496 ug/l
RT: 2.046 min Scan# 27
Delta R.T. 0.000 min
Lab File: VN074378.D
Acq: 09 Sep 2022 16:59

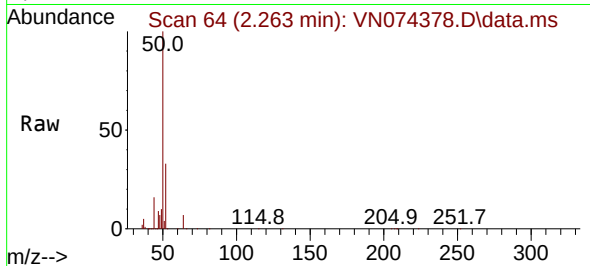
Tgt Ion: 85 Resp: 150725
Ion Ratio Lower Upper
85 100
87 32.7 16.4 49.2





#3
Chloromethane
Concen: 54.267 ug/l
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN074378.D
Acq: 09 Sep 2022 16:59

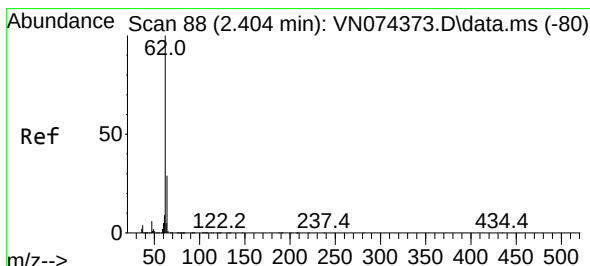
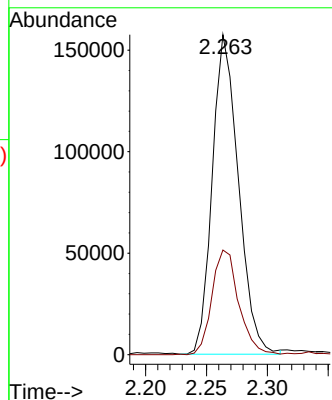
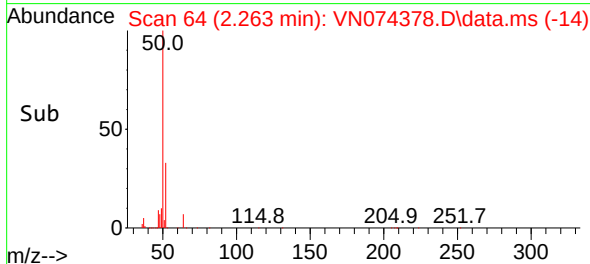
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Tgt Ion: 50 Resp: 235578
Ion Ratio Lower Upper
50 100
52 32.6 24.1 36.1

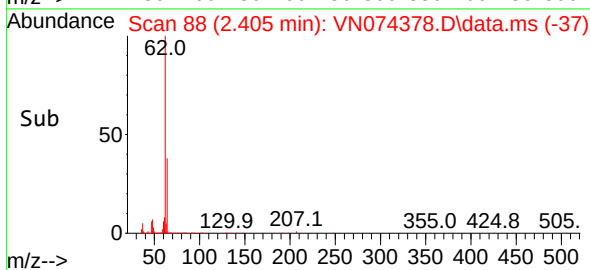
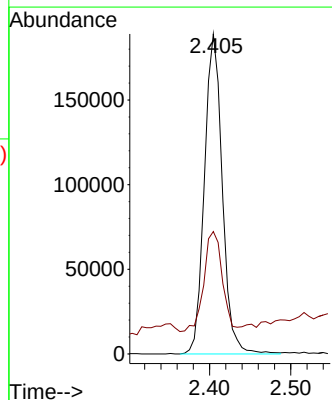
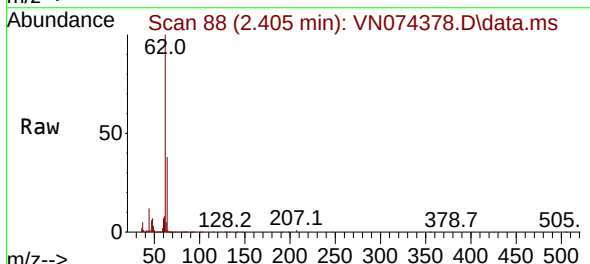
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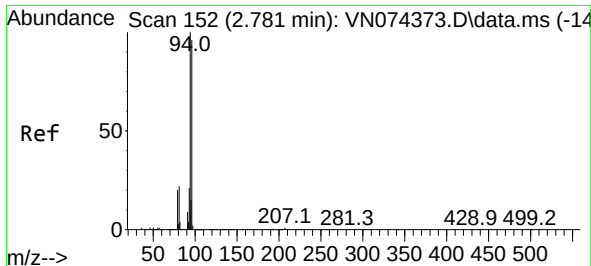
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#4
Vinyl Chloride
Concen: 47.621 ug/l
RT: 2.405 min Scan# 88
Delta R.T. 0.000 min
Lab File: VN074378.D
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Tgt Ion: 62 Resp: 288975
Ion Ratio Lower Upper
62 100
64 31.2 23.5 35.3





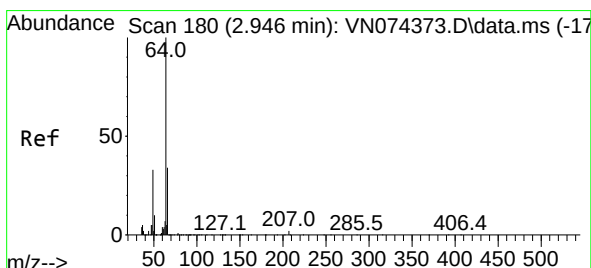
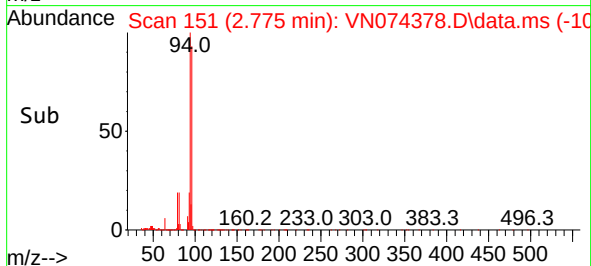
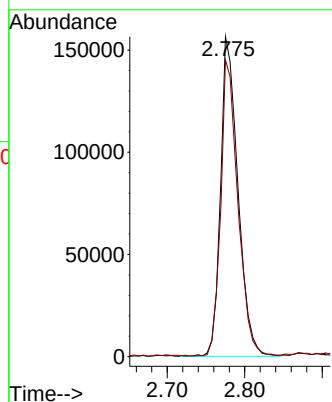
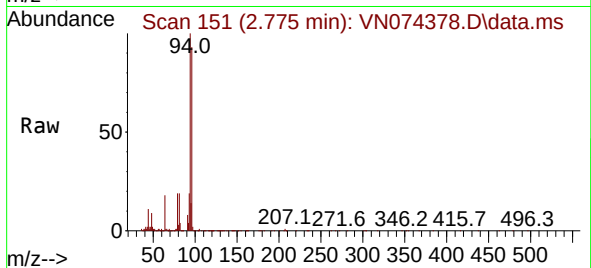
#5
Bromomethane
Concen: 57.646 ug/l
RT: 2.775 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN074378.D
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Instrument :
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Tgt Ion: 94 Resp: 244444
Ion Ratio Lower Upper
94 100
96 92.4 76.7 115.1

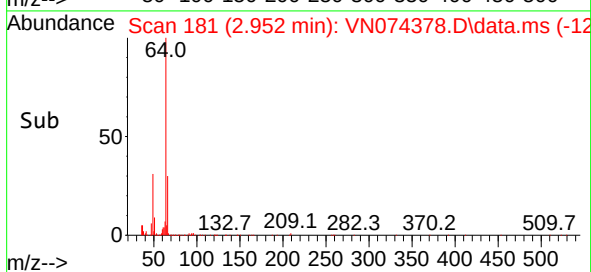
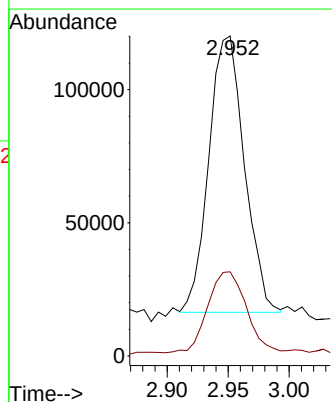
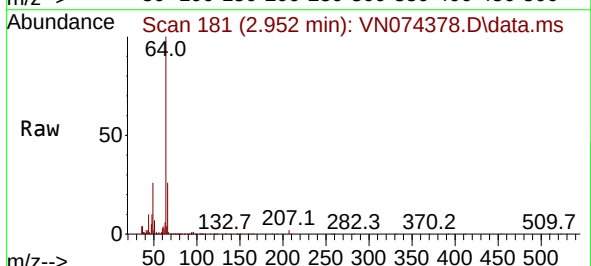
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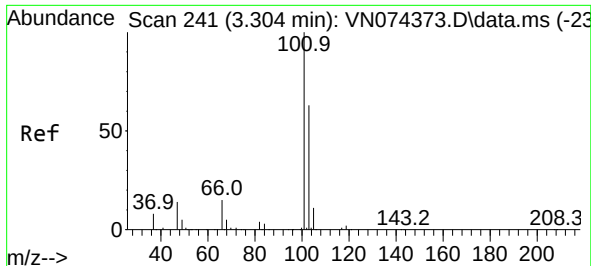
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#6
Chloroethane
Concen: 56.611 ug/l m
RT: 2.952 min Scan# 181
Delta R.T. 0.006 min
Lab File: VN074378.D
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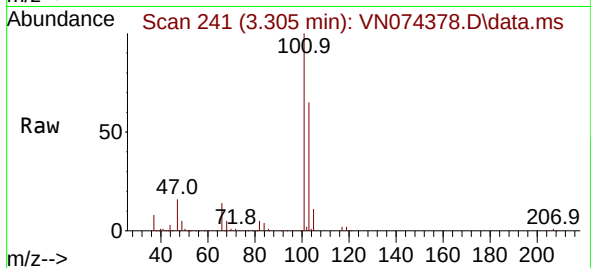
Tgt Ion: 64 Resp: 210430
Ion Ratio Lower Upper
64 100
66 26.3 26.5 39.7#





#7
 Trichlorofluoromethane
 Concen: 44.227 ug/l
 RT: 3.305 min Scan# 241
 Delta R.T. 0.000 min
 Lab File: VN074378.D
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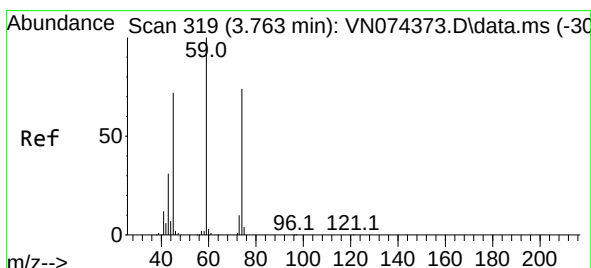
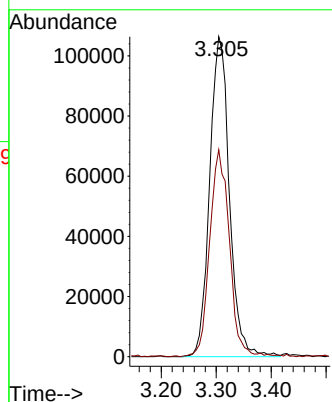
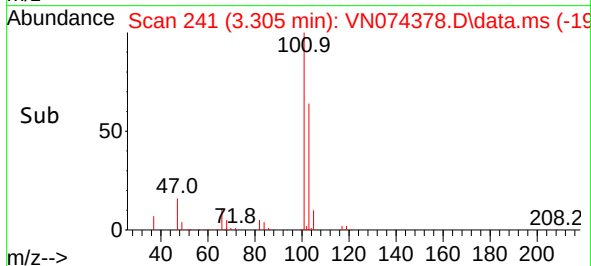
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 101 Resp: 264990
 Ion Ratio Lower Upper
 101 100
 103 64.6 50.8 76.2

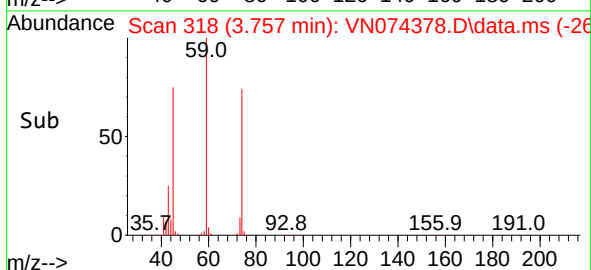
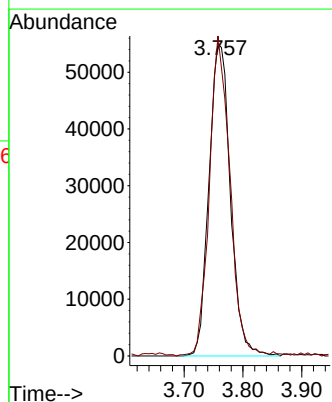
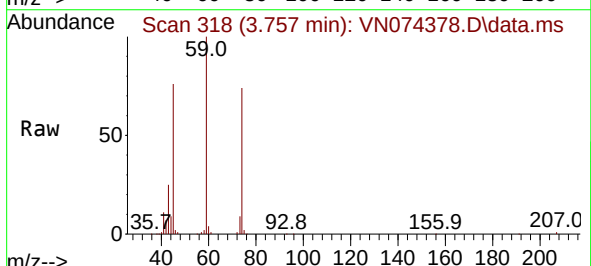
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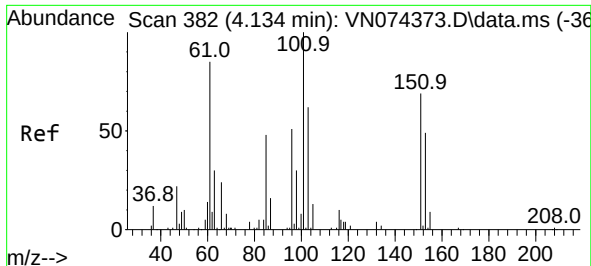
Reviewed By : John Carlone 09/12/2022
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#8
 Diethyl Ether
 Concen: 55.181 ug/l
 RT: 3.757 min Scan# 318
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 139511
 Ion Ratio Lower Upper
 74 100
 45 98.0 52.4 157.3





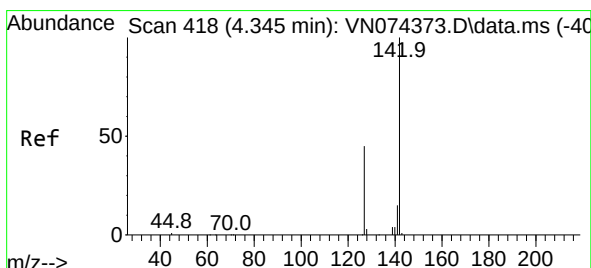
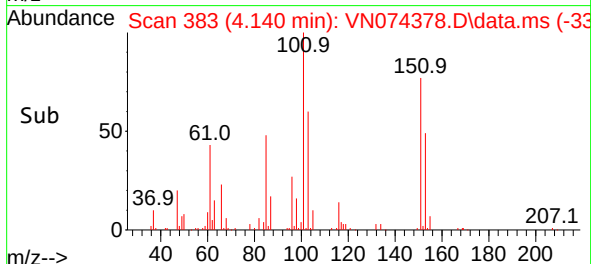
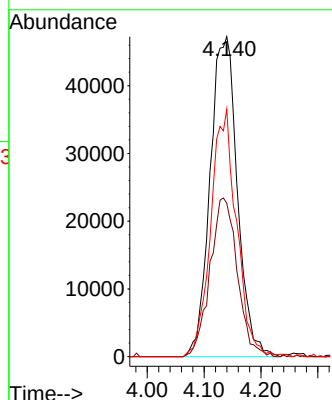
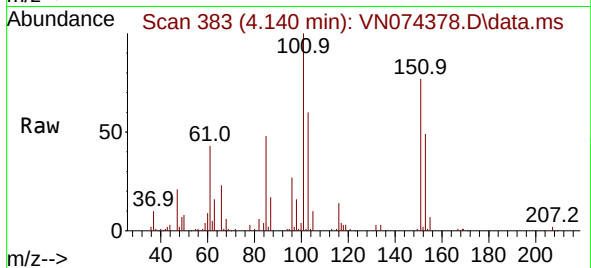
#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.838 ug/l
RT: 4.140 min Scan# 382
Delta R.T. 0.006 min
Lab File: VN074378.D
Acq: 09 Sep 2022 16:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 15740
Ion Ratio Lower Upper
101 100
85 49.6 39.5 59.3
151 73.0 57.8 86.6

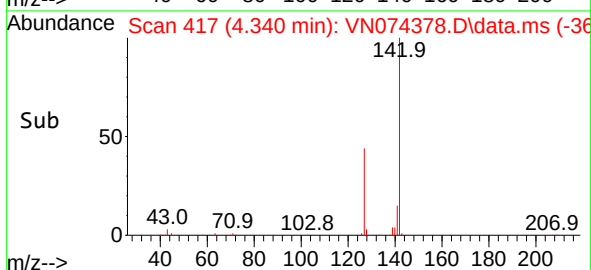
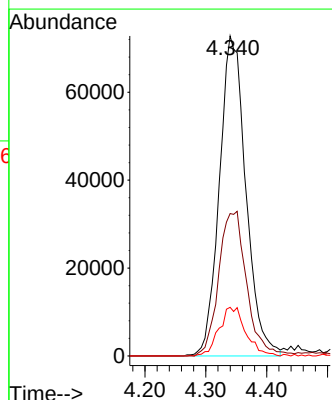
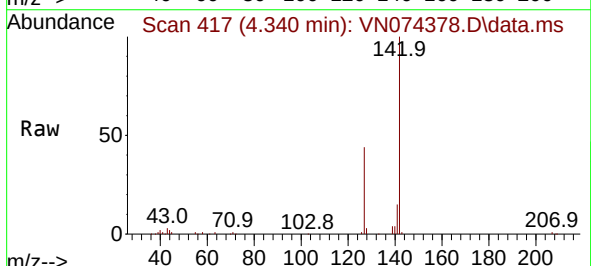
Manual Integrations
APPROVED

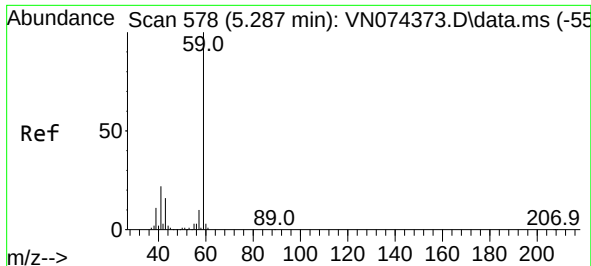
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#10
Methyl Iodide
Concen: 53.033 ug/l
RT: 4.340 min Scan# 417
Delta R.T. -0.006 min
Lab File: VN074378.D
Acq: 09 Sep 2022 16:59

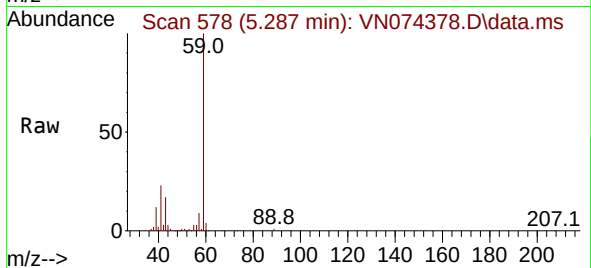
Tgt Ion:142 Resp: 220120
Ion Ratio Lower Upper
142 100
127 47.6 37.4 56.2
141 15.3 11.2 16.8





#11
Tert butyl alcohol
Concen: 270.025 ug/l
RT: 5.287 min Scan# 511
Delta R.T. 0.000 min
Lab File: VN074378.D
Acq: 09 Sep 2022 16:59

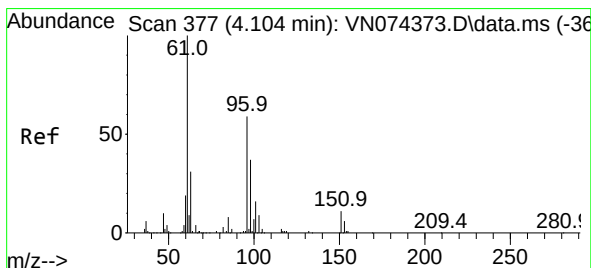
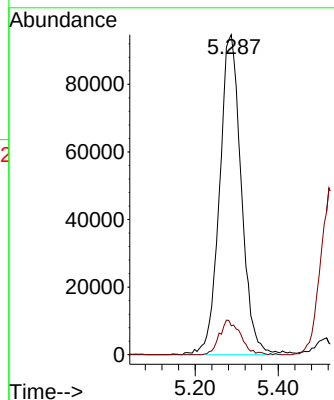
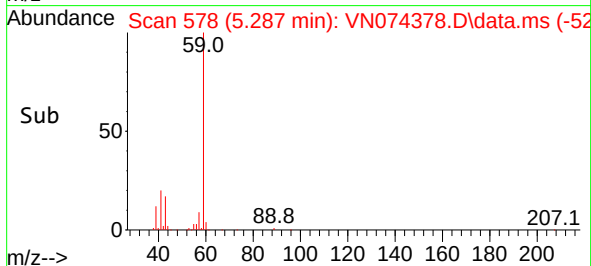
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



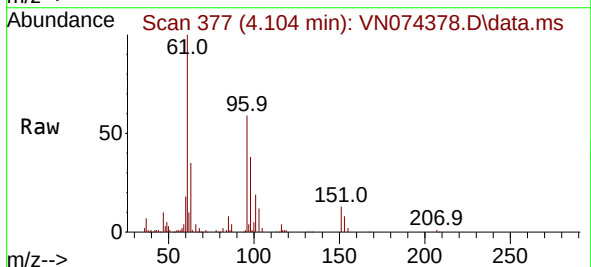
Tgt Ion: 59 Resp: 342490
Ion Ratio Lower Upper
59 100
57 10.5 8.8 13.2

Manual Integrations
APPROVED

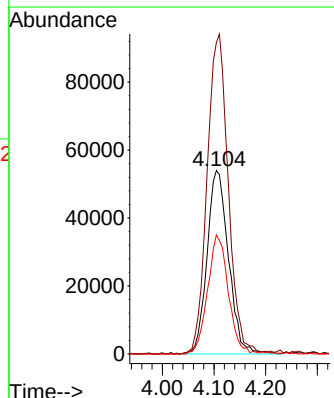
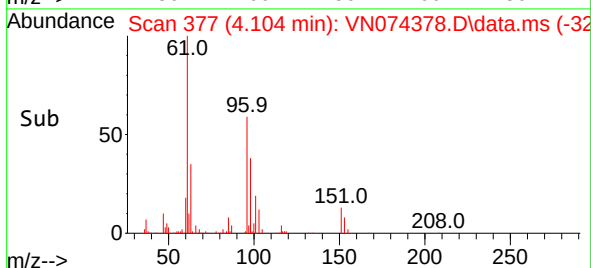
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022

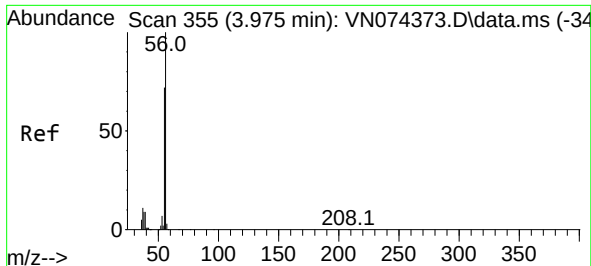


#12
1,1-Dichloroethene
Concen: 44.529 ug/l
RT: 4.104 min Scan# 377
Delta R.T. 0.000 min
Lab File: VN074378.D
Acq: 09 Sep 2022 16:59



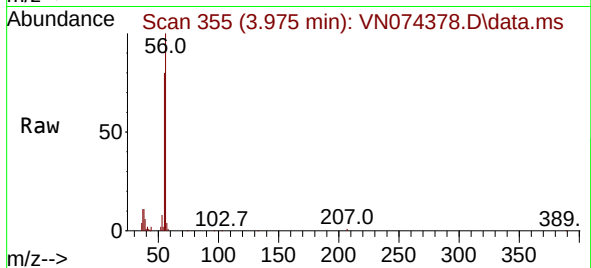
Tgt Ion: 96 Resp: 155581
Ion Ratio Lower Upper
96 100
61 169.7 134.7 202.1
98 64.9 50.2 75.4





#13
Acrolein
Concen: 256.067 ug/l
RT: 3.975 min Scan# 355
Delta R.T. 0.000 min
Lab File: VN074378.D
Acq: 09 Sep 2022 16:59

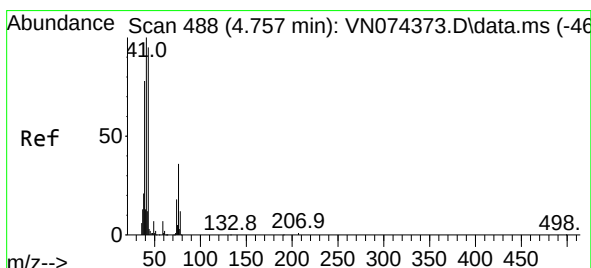
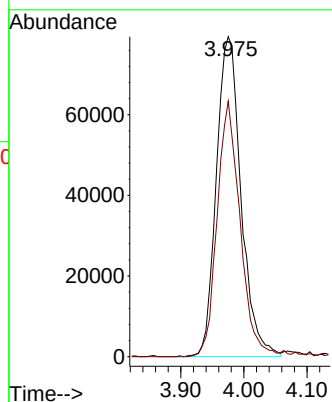
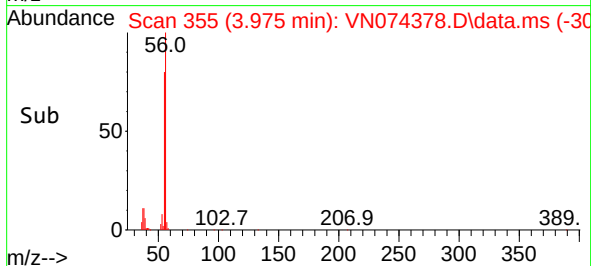
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



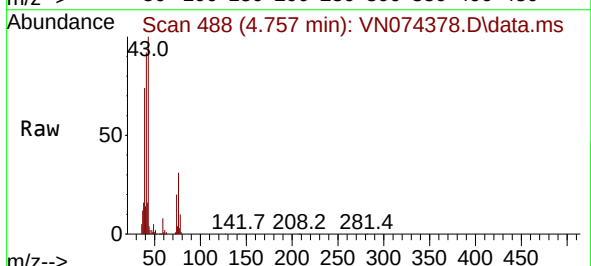
Tgt Ion: 56 Resp: 21574
Ion Ratio Lower Upper
56 100
55 74.0 56.2 84.4

Manual Integrations
APPROVED

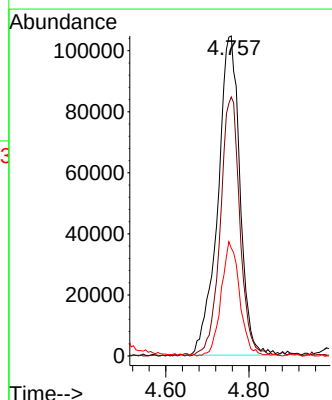
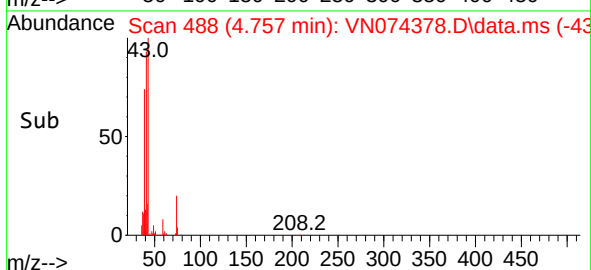
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022

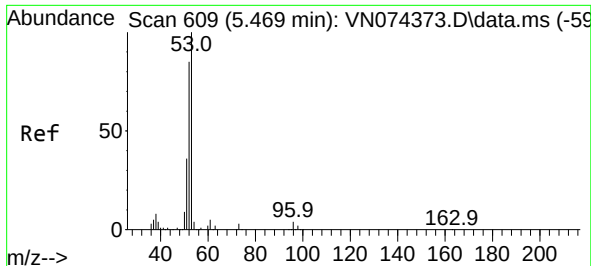


#14
Allyl chloride
Concen: 50.472 ug/l
RT: 4.757 min Scan# 488
Delta R.T. 0.000 min
Lab File: VN074378.D
Acq: 09 Sep 2022 16:59



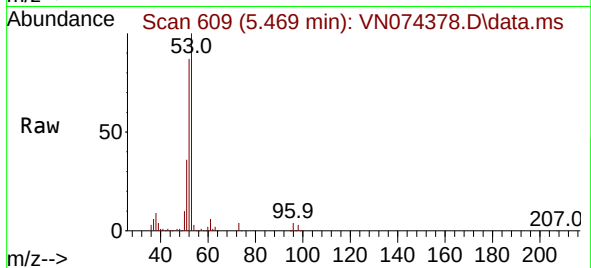
Tgt Ion: 41 Resp: 386814
Ion Ratio Lower Upper
41 100
39 72.2 58.5 87.7
76 29.8 24.2 36.4





#15
Acrylonitrile
Concen: 285.907 ug/l
RT: 5.469 min Scan# 609
Delta R.T. 0.000 min
Lab File: VN074378.D
Acq: 09 Sep 2022 16:59

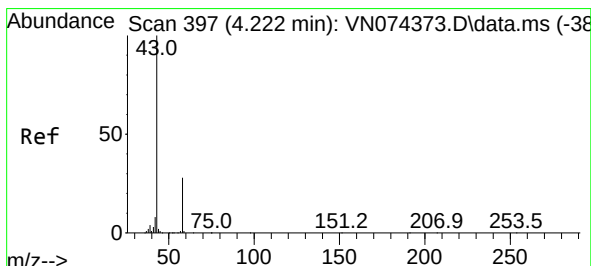
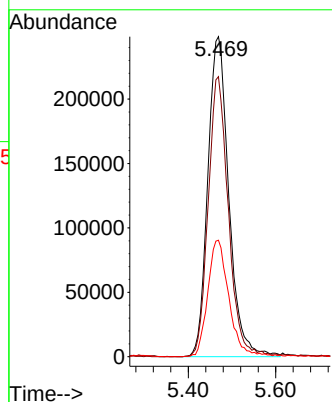
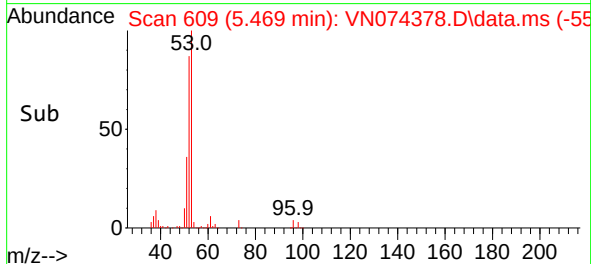
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



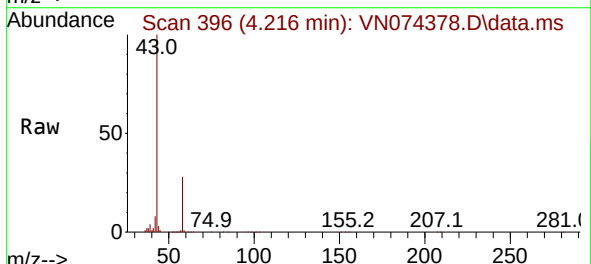
Tgt Ion: 53 Resp: 82966
Ion Ratio Lower Upper
53 100
52 84.5 65.9 98.9
51 36.6 29.4 44.2

Manual Integrations
APPROVED

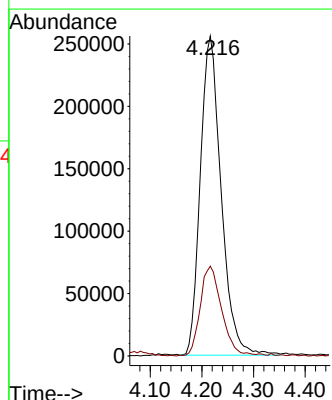
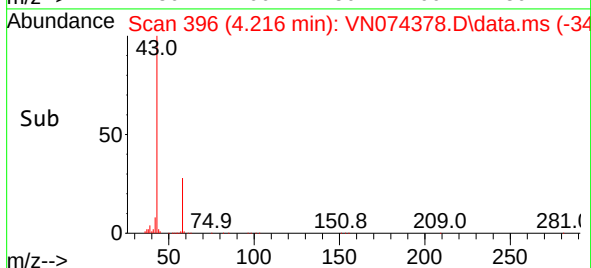
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022

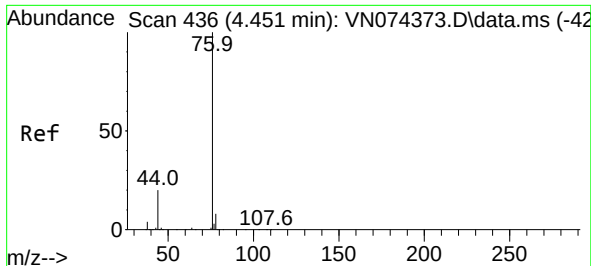


#16
Acetone
Concen: 273.844 ug/l
RT: 4.216 min Scan# 396
Delta R.T. -0.006 min
Lab File: VN074378.D
Acq: 09 Sep 2022 16:59



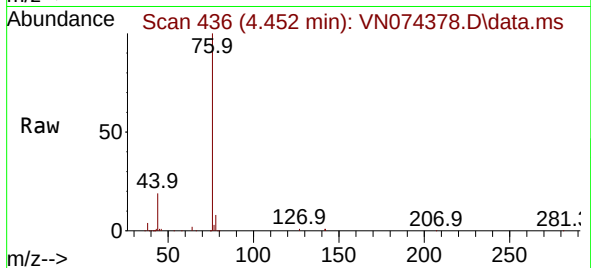
Tgt Ion: 43 Resp: 716916
Ion Ratio Lower Upper
43 100
58 27.9 22.7 34.1





#17
Carbon Disulfide
Concen: 46.760 ug/l
RT: 4.452 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN074378.D
Acq: 09 Sep 2022 16:59

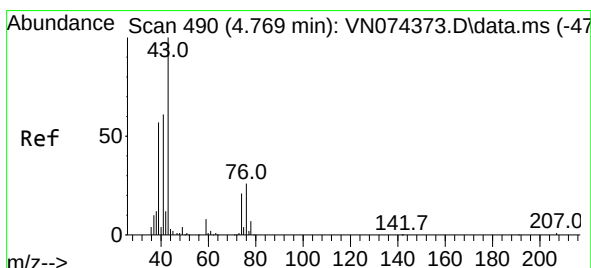
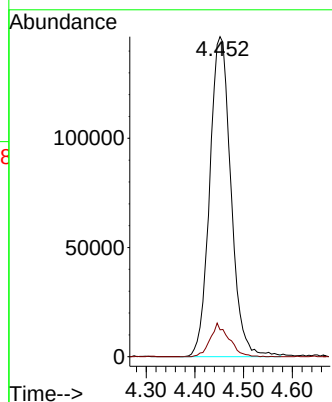
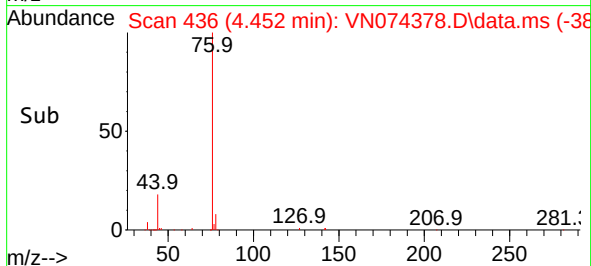
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



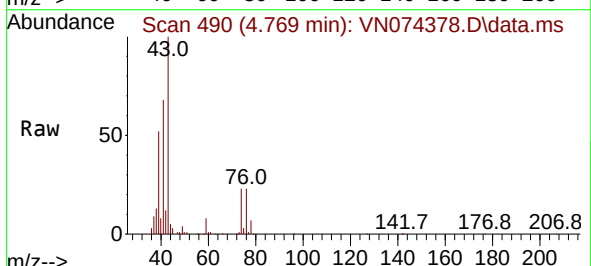
Tgt Ion: 76 Resp: 444010
Ion Ratio Lower Upper
76 100
78 8.4 6.5 9.7

Manual Integrations
APPROVED

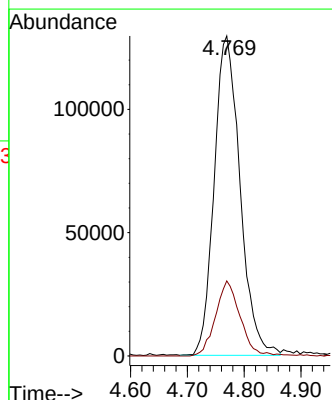
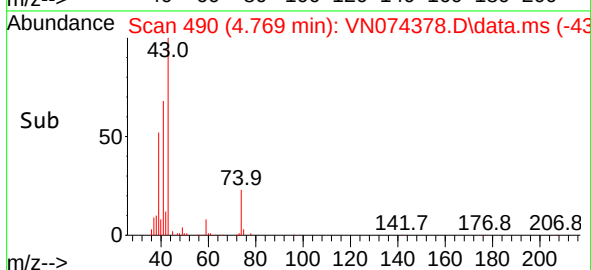
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022

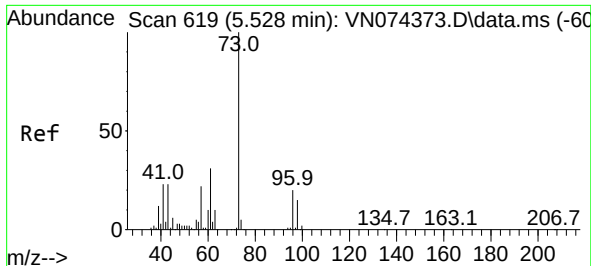


#18
Methyl Acetate
Concen: 52.999 ug/l
RT: 4.769 min Scan# 490
Delta R.T. 0.000 min
Lab File: VN074378.D
Acq: 09 Sep 2022 16:59



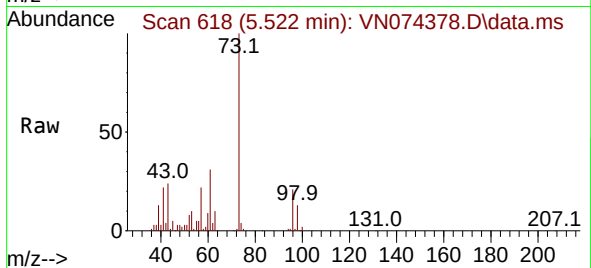
Tgt Ion: 43 Resp: 409021
Ion Ratio Lower Upper
43 100
74 22.5 16.7 25.1





#19
Methyl tert-butyl Ether
Concen: 54.889 ug/l
RT: 5.522 min Scan# 619
Delta R.T. -0.006 min
Lab File: VN074378.D
Acq: 09 Sep 2022 16:59

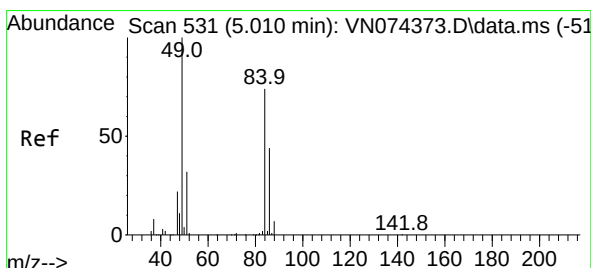
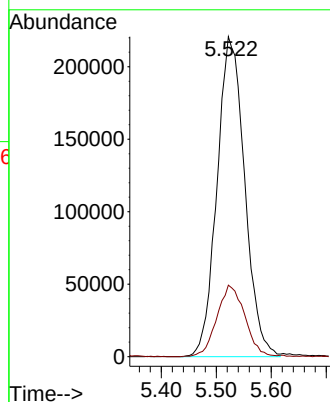
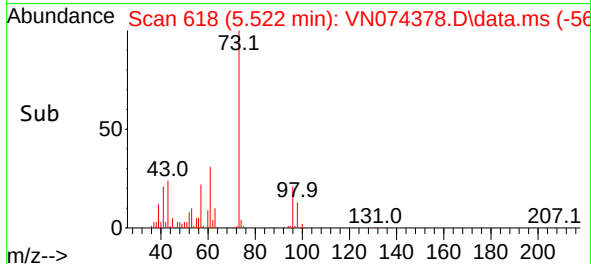
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 77188
Ion Ratio Lower Upper
73 100
57 22.4 17.7 26.5

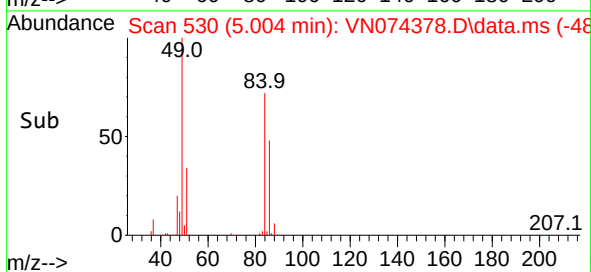
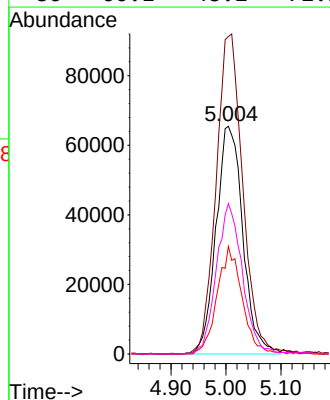
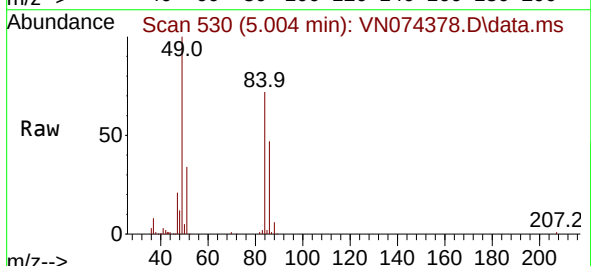
Manual Integrations
APPROVED

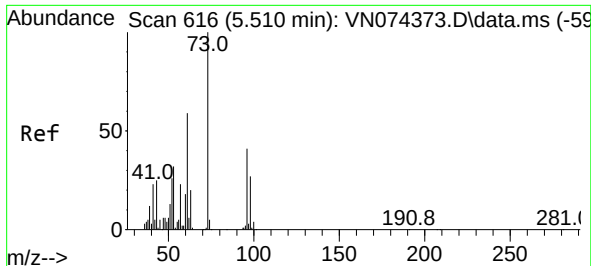
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#20
Methylene Chloride
Concen: 57.832 ug/l
RT: 5.004 min Scan# 530
Delta R.T. -0.006 min
Lab File: VN074378.D
Acq: 09 Sep 2022 16:59

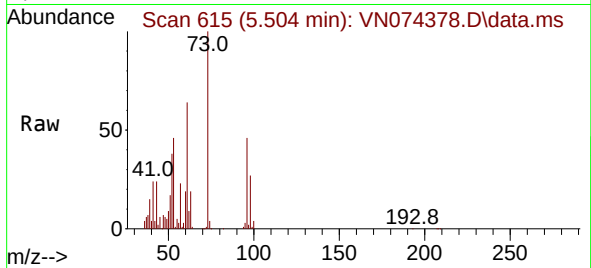
Tgt Ion: 84 Resp: 221239
Ion Ratio Lower Upper
84 100
49 139.4 108.2 162.4
51 47.2 34.3 51.5
86 66.1 48.2 72.2





#21
trans-1,2-Dichloroethene
Concen: 48.221 ug/l
RT: 5.504 min Scan# 615
Delta R.T. -0.006 min
Lab File: VN074378.D
Acq: 09 Sep 2022 16:59

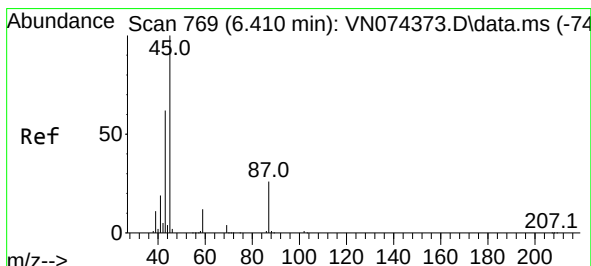
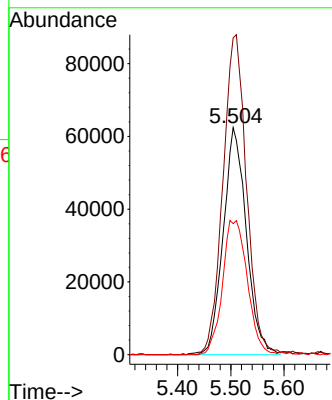
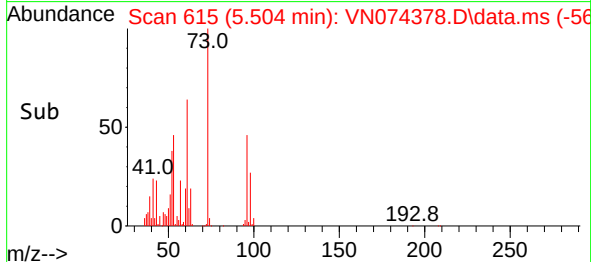
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 188790
Ion Ratio Lower Upper
96 100
61 139.5 115.3 172.9
98 57.7 53.4 80.0

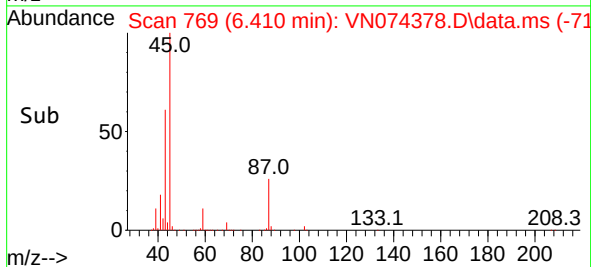
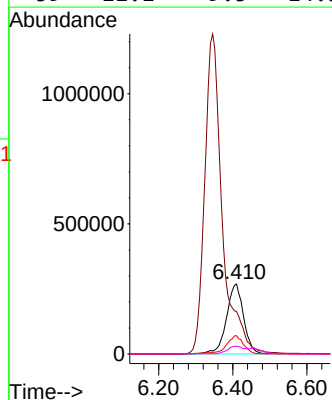
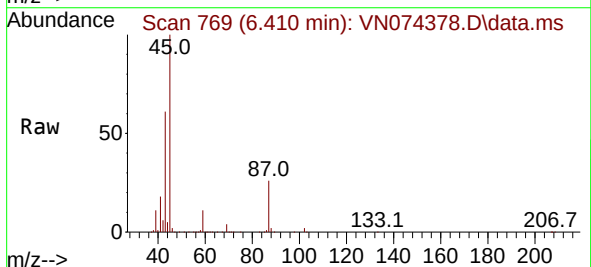
Manual Integrations
APPROVED

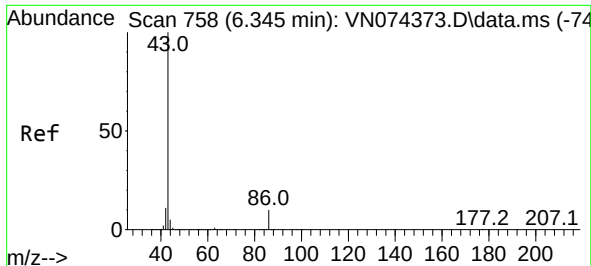
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#22
Diisopropyl ether
Concen: 55.894 ug/l
RT: 6.410 min Scan# 769
Delta R.T. 0.000 min
Lab File: VN074378.D
Acq: 09 Sep 2022 16:59

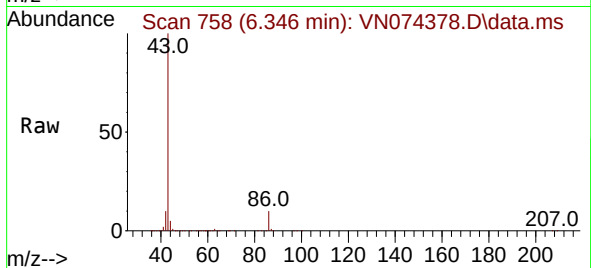
Tgt Ion: 45 Resp: 862490
Ion Ratio Lower Upper
45 100
43 60.5 49.4 74.0
87 26.0 21.3 31.9
59 11.1 9.5 14.3





#23
 Vinyl Acetate
 Concen: 293.106 ug/l
 RT: 6.346 min Scan# 758
 Delta R.T. 0.000 min
 Lab File: VN074378.D
 Acq: 09 Sep 2022 16:59

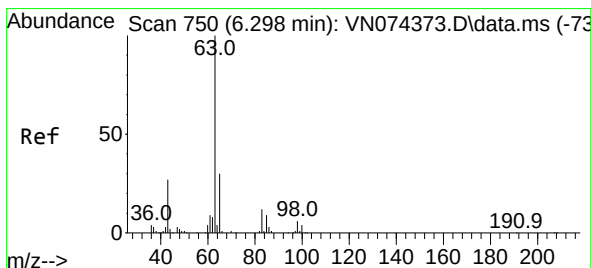
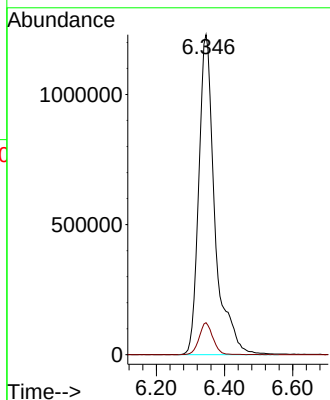
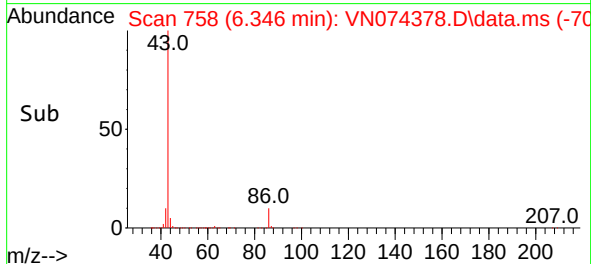
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



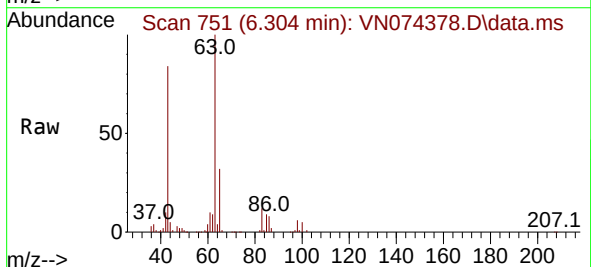
Tgt Ion: 43 Resp: 403644
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.6 11.4

Manual Integrations
 APPROVED

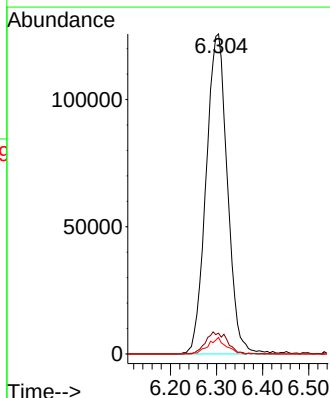
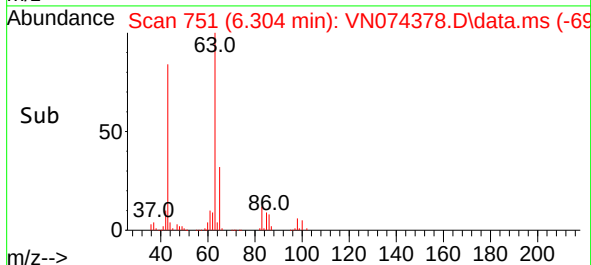
Reviewed By :John Carlone 09/12/2022
 Supervised By :Mahesh Dadoda 09/12/2022

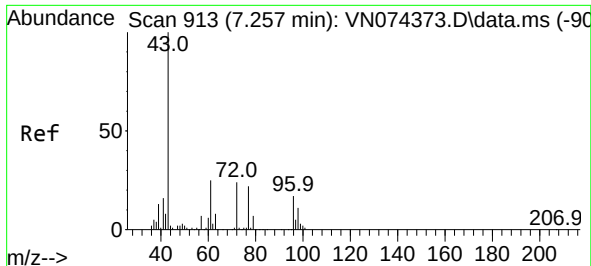


#24
 1,1-Dichloroethane
 Concen: 51.012 ug/l
 RT: 6.304 min Scan# 751
 Delta R.T. 0.006 min
 Lab File: VN074378.D
 Acq: 09 Sep 2022 16:59



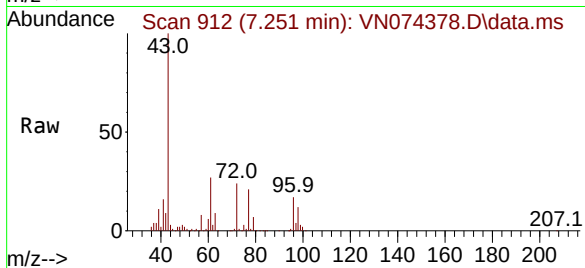
Tgt Ion: 63 Resp: 404470
 Ion Ratio Lower Upper
 63 100
 98 6.5 2.9 8.6
 100 5.1 2.0 5.8





#25
2-Butanone
Concen: 287.491 ug/l
RT: 7.251 min Scan# 912
Delta R.T. -0.006 min
Lab File: VN074378.D
Acq: 09 Sep 2022 16:59

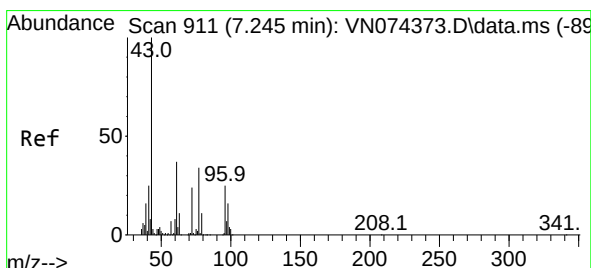
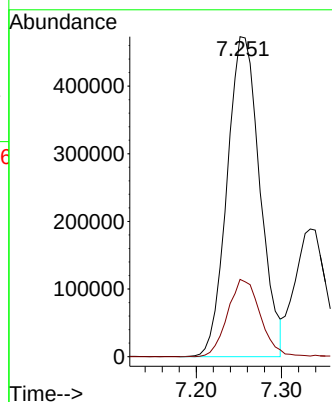
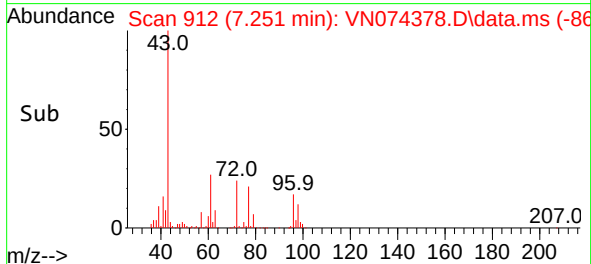
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 1263410
Ion Ratio Lower Upper
43 100
72 24.2 18.9 28.3

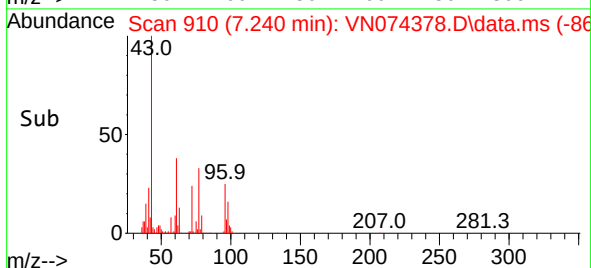
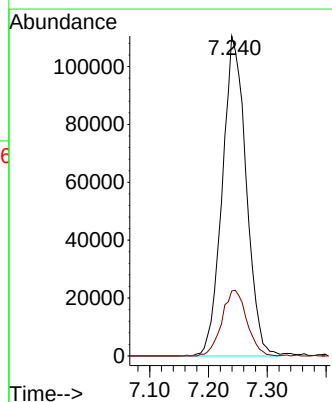
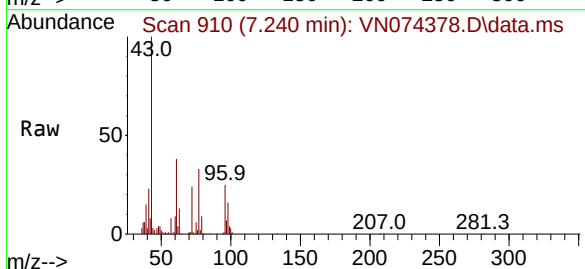
Manual Integrations
APPROVED

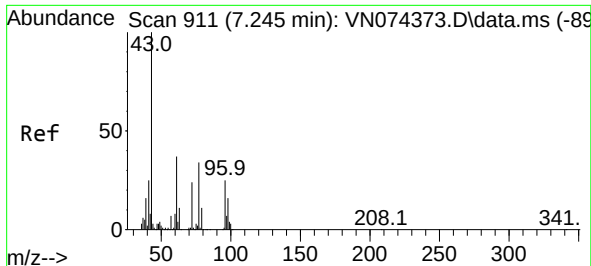
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#26
2,2-Dichloropropane
Concen: 43.497 ug/l
RT: 7.240 min Scan# 910
Delta R.T. -0.006 min
Lab File: VN074378.D
Acq: 09 Sep 2022 16:59

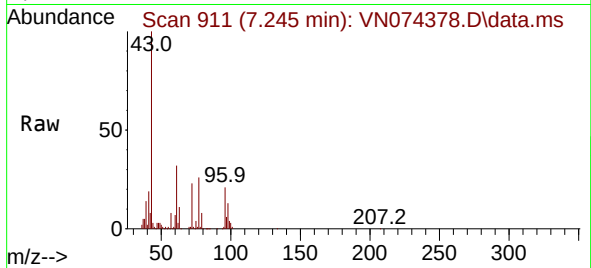
Tgt Ion: 77 Resp: 312005
Ion Ratio Lower Upper
77 100
97 21.5 10.7 32.1





#27
 cis-1,2-Dichloroethene
 Concen: 50.115 ug/l
 RT: 7.245 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VN074378.D
 Acq: 09 Sep 2022 16:59

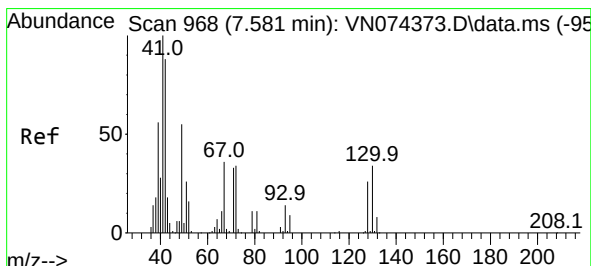
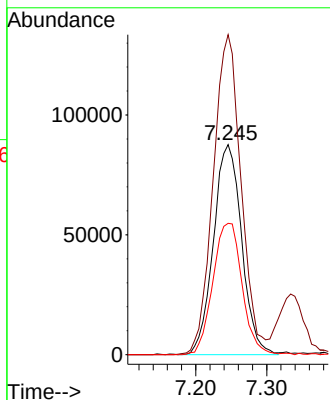
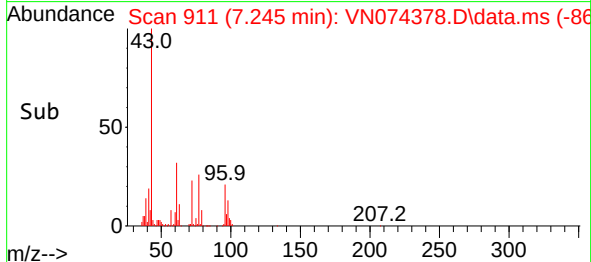
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 241720
 Ion Ratio Lower Upper
 96 100
 61 150.3 0.0 306.2
 98 64.5 0.0 129.8

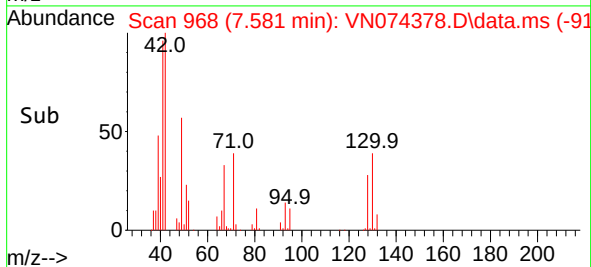
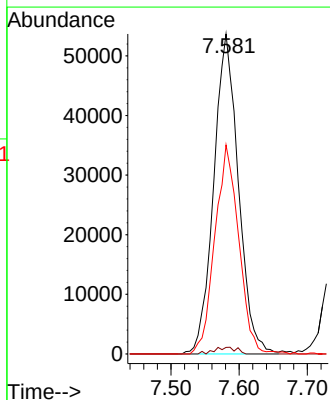
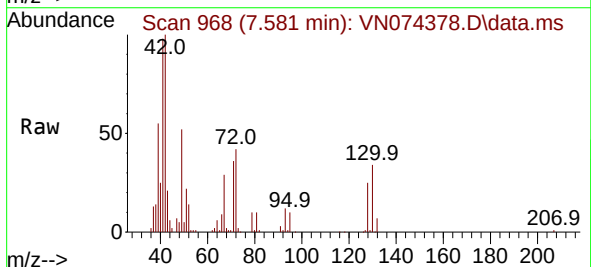
Manual Integrations
 APPROVED

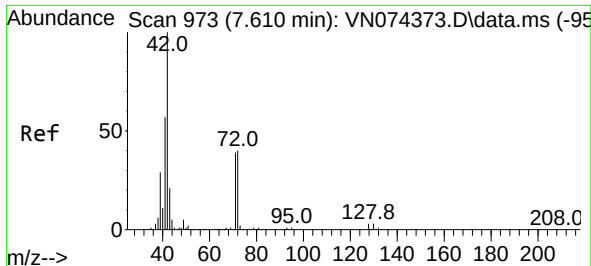
Reviewed By :John Carlone 09/12/2022
 Supervised By :Mahesh Dadoda 09/12/2022



#28
 Bromochloromethane
 Concen: 57.004 ug/l
 RT: 7.581 min Scan# 968
 Delta R.T. -0.000 min
 Lab File: VN074378.D
 Acq: 09 Sep 2022 16:59

Tgt Ion: 49 Resp: 135196
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 2.2
 130 63.3 50.0 75.0





#29

Tetrahydrofuran

Concen: 292.766 ug/l

RT: 7.604 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN074378.D

Acq: 09 Sep 2022 16:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

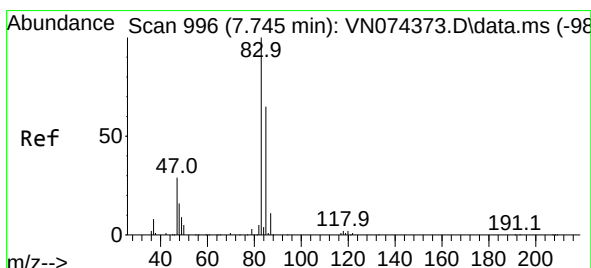
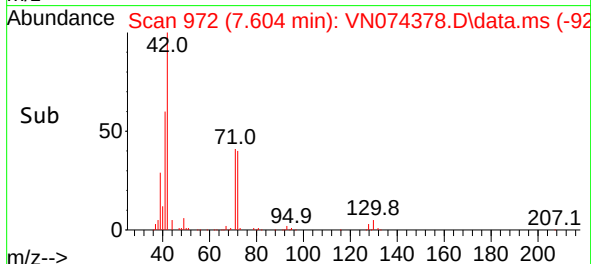
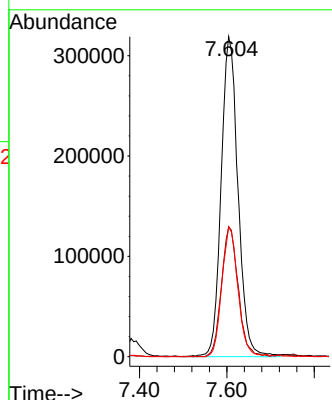
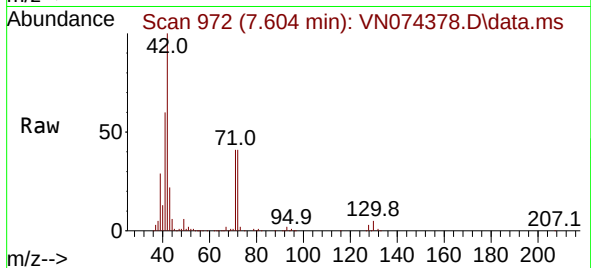
Tgt Ion:	42	Resp:	85049
Ion Ratio	Lower	Upper	
42	100		
72	40.4	32.7	49.1
71	38.4	31.0	46.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2022

Supervised By :Mahesh Dadoda 09/12/2022



#30

Chloroform

Concen: 54.715 ug/l

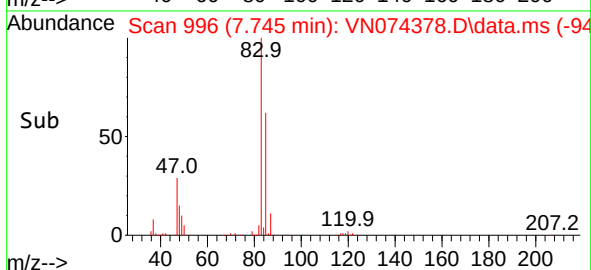
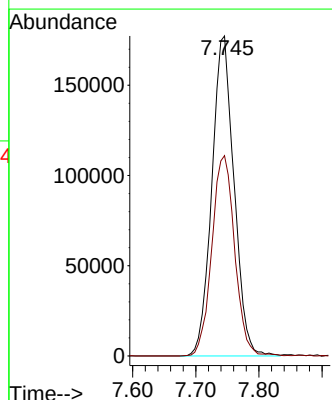
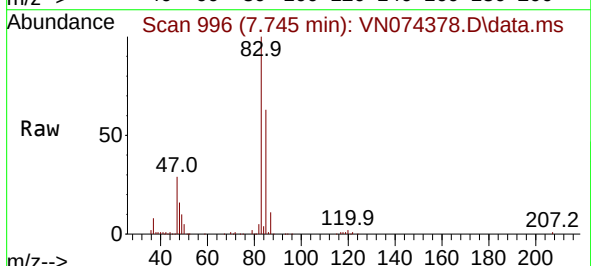
RT: 7.745 min Scan# 996

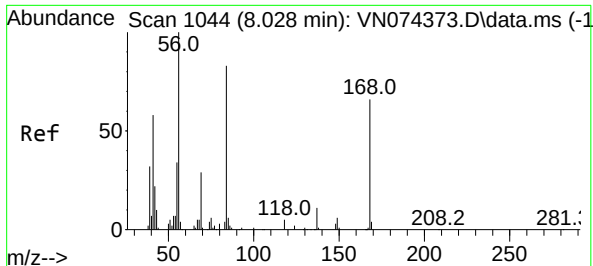
Delta R.T. 0.000 min

Lab File: VN074378.D

Acq: 09 Sep 2022 16:59

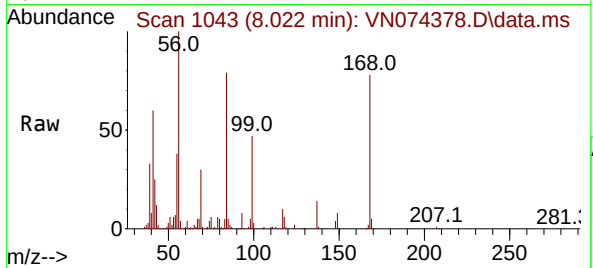
Tgt Ion:	83	Resp:	433038
Ion Ratio	Lower	Upper	
83	100		
85	62.6	51.8	77.6





#31
Cyclohexane
Concen: 44.774 ug/l
RT: 8.022 min Scan# 1044
Delta R.T. -0.006 min
Lab File: VN074378.D
Acq: 09 Sep 2022 16:59

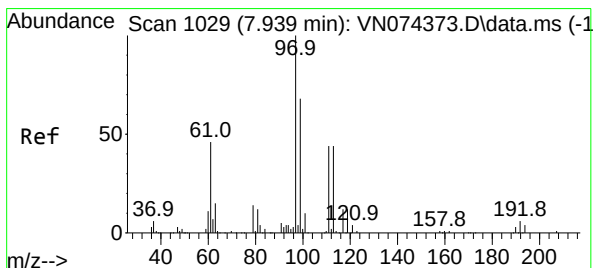
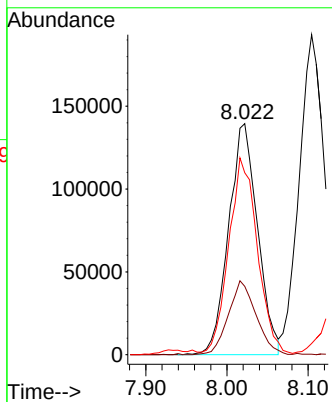
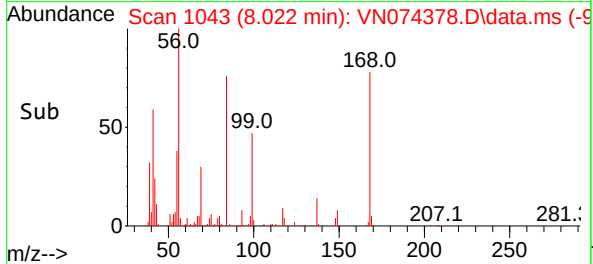
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



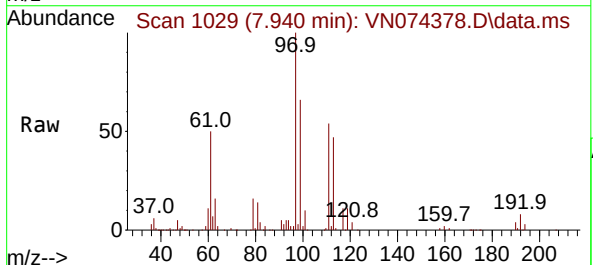
Tgt Ion: 56 Resp: 345300
Ion Ratio Lower Upper
56 100
69 29.1 23.0 34.4
84 76.7 66.3 99.5

Manual Integrations
APPROVED

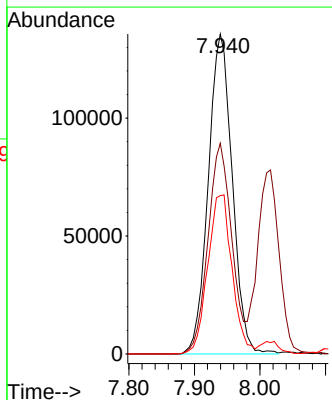
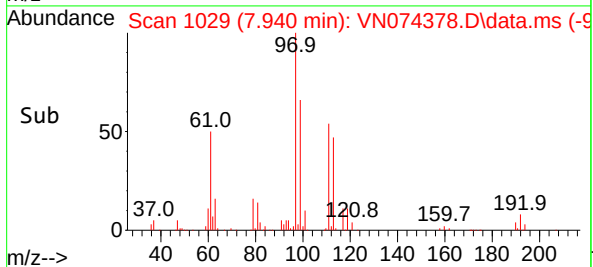
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022

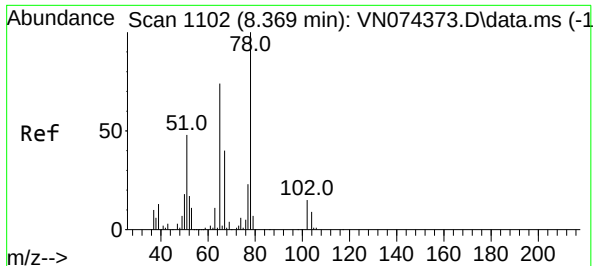


#32
1,1,1-Trichloroethane
Concen: 48.515 ug/l
RT: 7.940 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VN074378.D
Acq: 09 Sep 2022 16:59



Tgt Ion: 97 Resp: 344458
Ion Ratio Lower Upper
97 100
99 64.7 50.2 75.2
61 50.6 38.7 58.1





#33

1,2-Dichloroethane-d4

Concen: 54.147 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN074378.D

Acq: 09 Sep 2022 16:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 26257

Ion Ratio Lower Upper

65 100

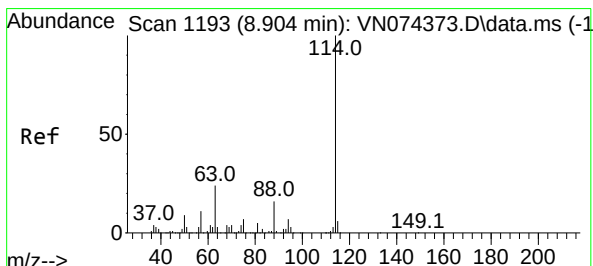
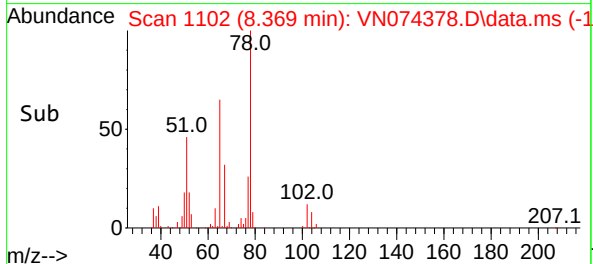
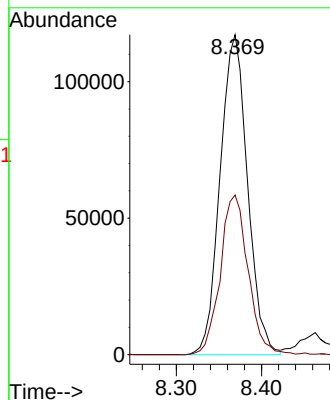
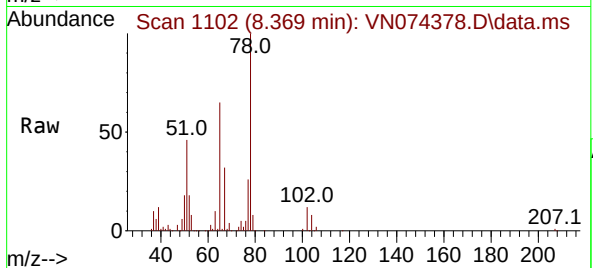
67 50.5 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2022

Supervised By :Mahesh Dadoda 09/12/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074378.D

Acq: 09 Sep 2022 16:59

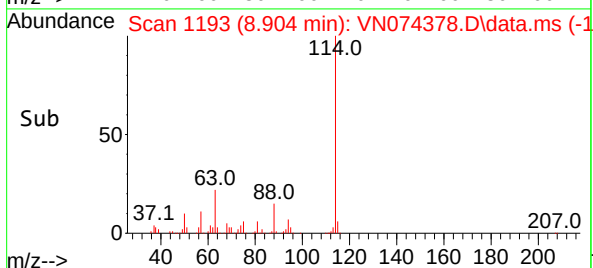
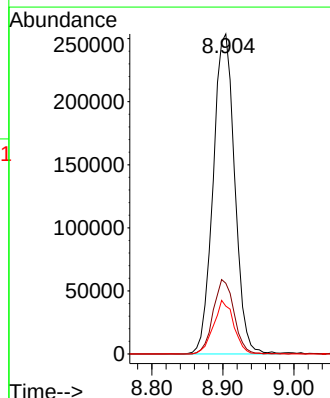
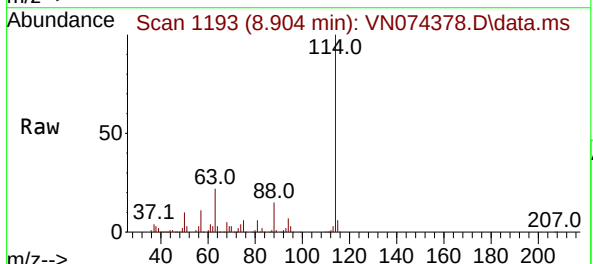
Tgt Ion:114 Resp: 534378

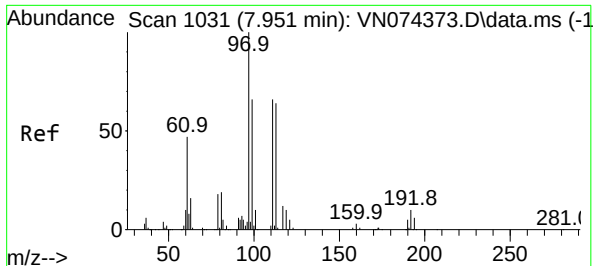
Ion Ratio Lower Upper

114 100

63 22.1 0.0 47.6

88 14.9 0.0 31.4





#35

Dibromofluoromethane

Concen: 51.750 ug/l

RT: 7.945 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VN074378.D

Acq: 09 Sep 2022 16:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 113 Resp: 18669

Ion Ratio Lower Upper

113 100

111 102.9 83.0 124.4

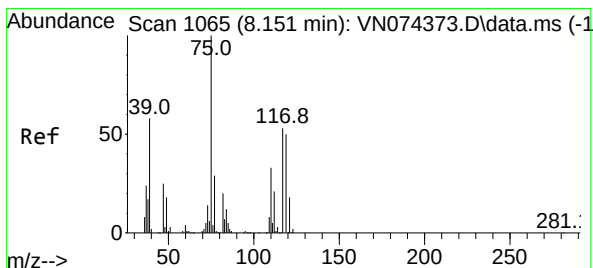
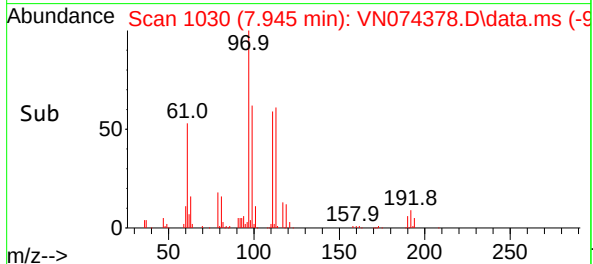
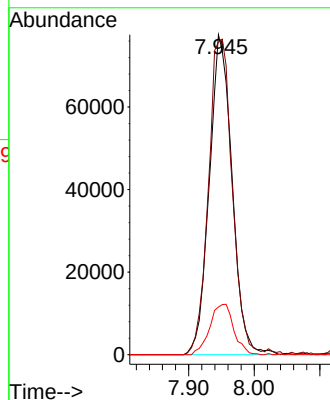
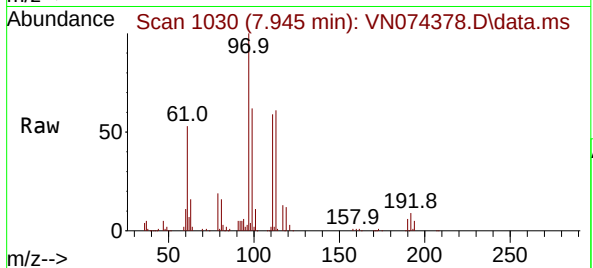
192 16.6 13.7 20.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2022

Supervised By :Mahesh Dadoda 09/12/2022



#36

1,1-Dichloropropene

Concen: 47.016 ug/l

RT: 8.145 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VN074378.D

Acq: 09 Sep 2022 16:59

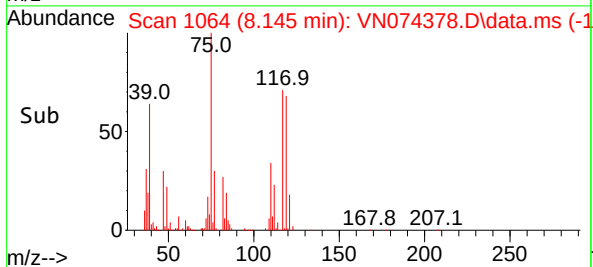
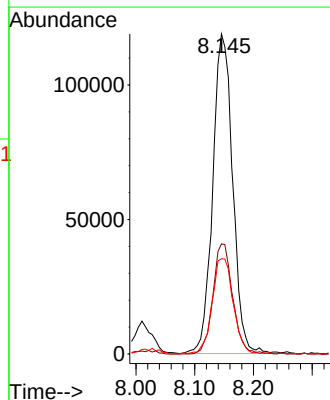
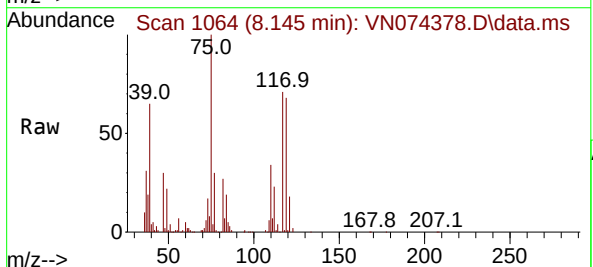
Tgt Ion: 75 Resp: 279430

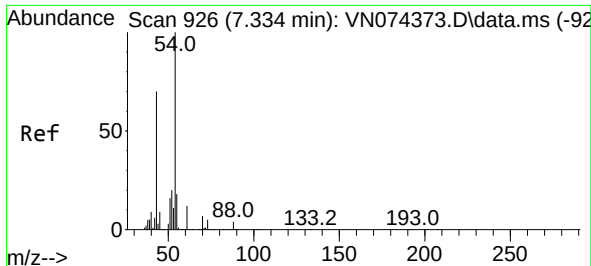
Ion Ratio Lower Upper

75 100

110 34.1 16.4 49.1

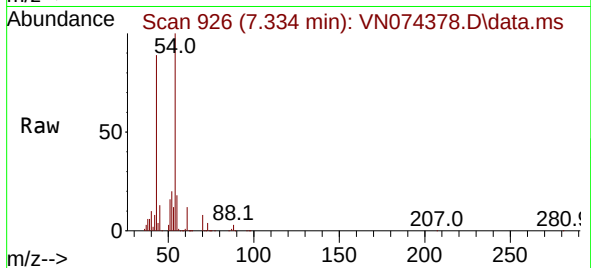
77 31.7 25.4 38.2





#37
Ethyl Acetate
Concen: 58.356 ug/l
RT: 7.334 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN074378.D
Acq: 09 Sep 2022 16:59

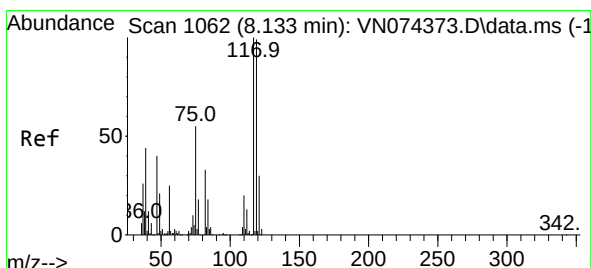
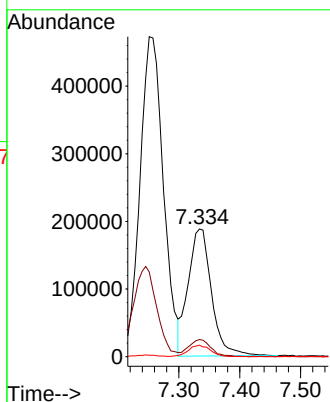
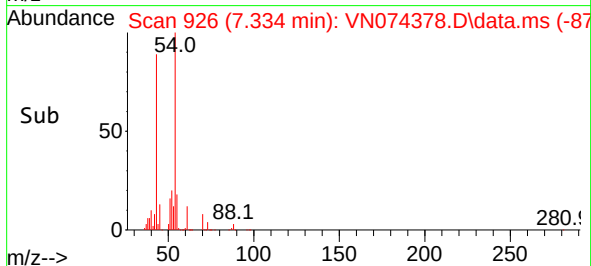
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 503110
Ion Ratio Lower Upper
43 100
61 13.0 11.1 16.7
70 8.6 7.2 10.8

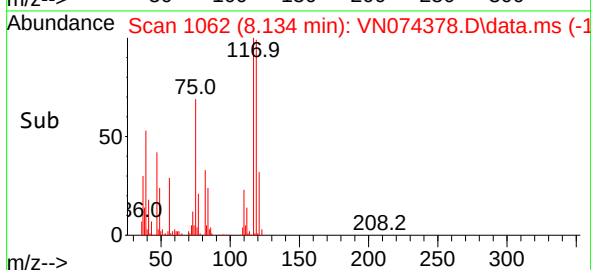
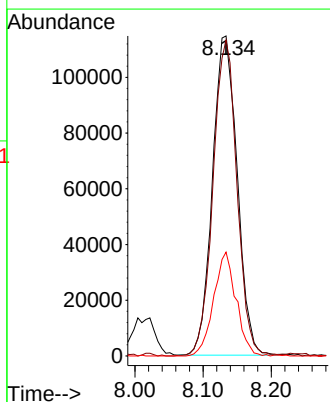
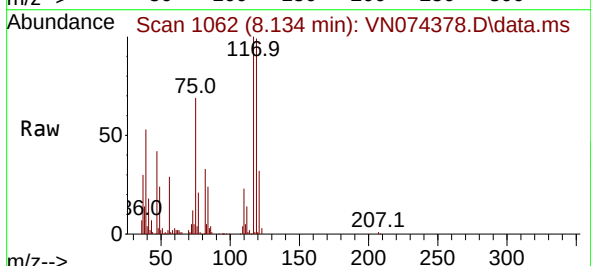
Manual Integrations
APPROVED

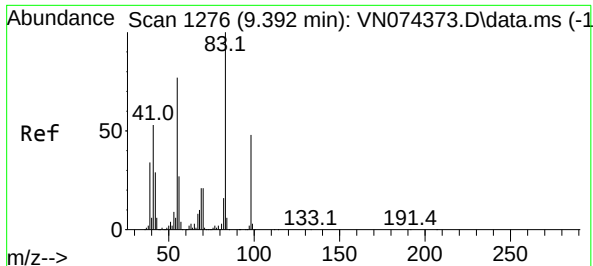
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#38
Carbon Tetrachloride
Concen: 47.063 ug/l
RT: 8.134 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VN074378.D
Acq: 09 Sep 2022 16:59

Tgt Ion:117 Resp: 288766
Ion Ratio Lower Upper
117 100
119 98.7 78.8 118.2
121 32.5 24.1 36.1





#39

Methylcyclohexane

Concen: 44.764 ug/l

RT: 9.392 min Scan# 1276

Delta R.T. 0.000 min

Lab File: VN074378.D

Acq: 09 Sep 2022 16:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 33718

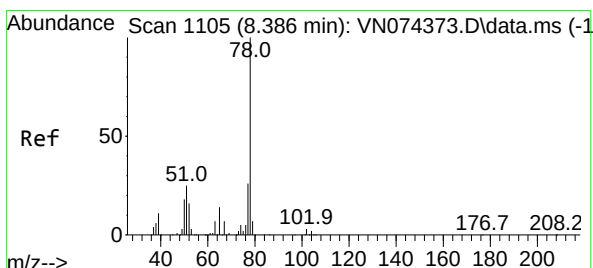
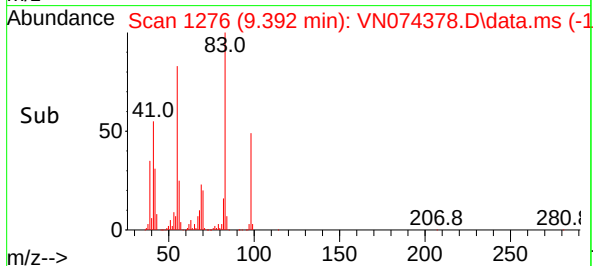
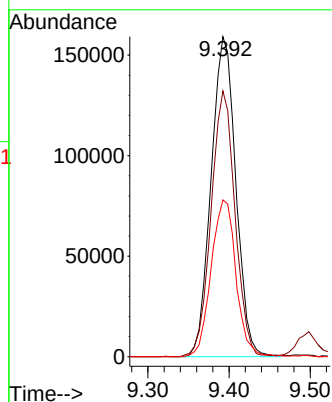
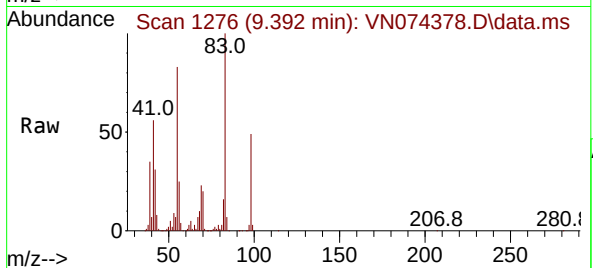
Ion	Ratio	Lower	Upper
83	100		
55	83.1	61.2	91.8
98	49.0	38.5	57.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2022

Supervised By :Mahesh Dadoda 09/12/2022



#40

Benzene

Concen: 51.822 ug/l

RT: 8.387 min Scan# 1105

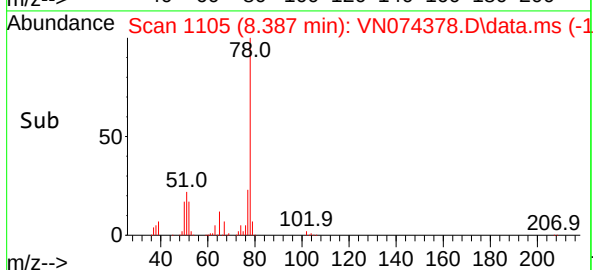
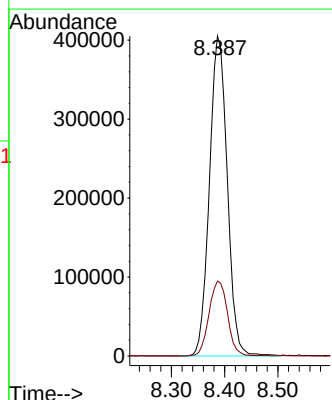
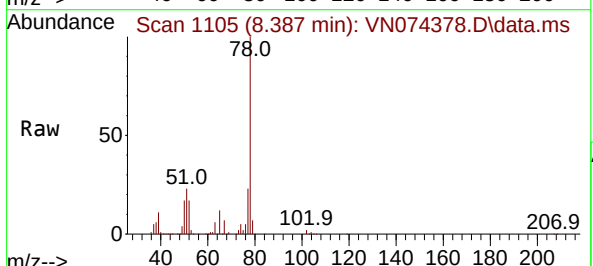
Delta R.T. 0.000 min

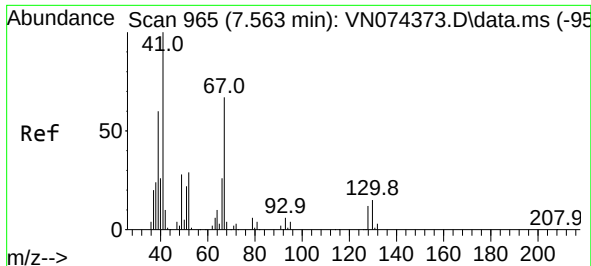
Lab File: VN074378.D

Acq: 09 Sep 2022 16:59

Tgt Ion: 78 Resp: 943008

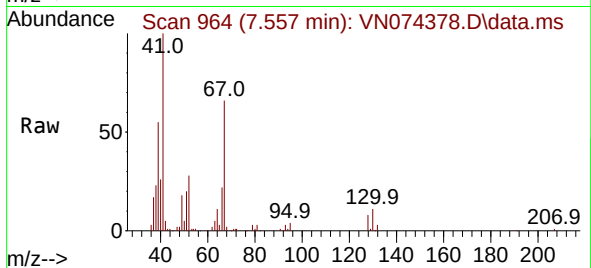
Ion	Ratio	Lower	Upper
78	100		
77	23.4	20.6	31.0





#41
Methacrylonitrile
Concen: 55.619 ug/l
RT: 7.557 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN074378.D
Acq: 09 Sep 2022 16:59

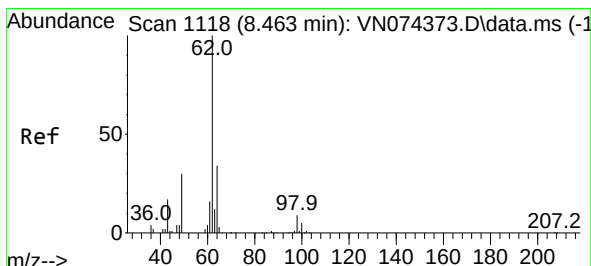
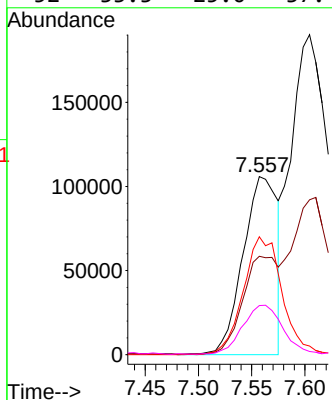
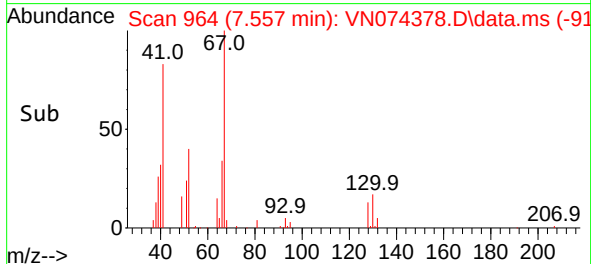
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 237935
Ion Ratio Lower Upper
41 100
39 56.0 39.2 58.8
67 75.3 53.6 80.4
52 33.3 25.0 37.4

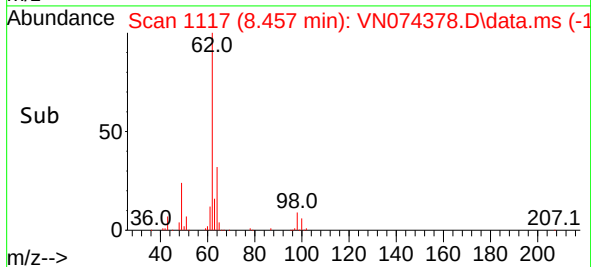
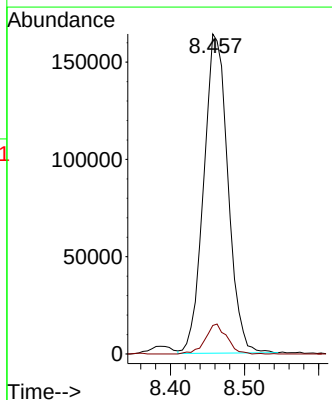
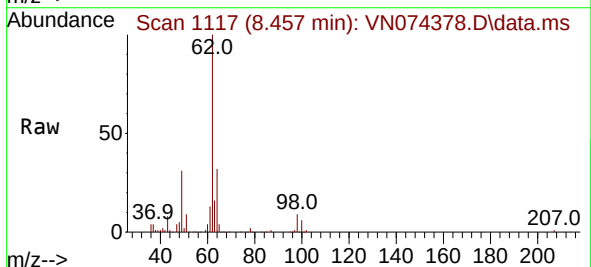
Manual Integrations
APPROVED

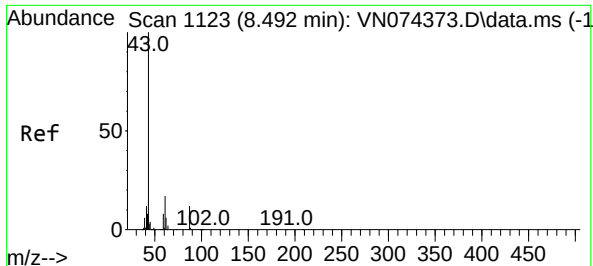
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#42
1,2-Dichloroethane
Concen: 53.510 ug/l
RT: 8.457 min Scan# 1117
Delta R.T. -0.006 min
Lab File: VN074378.D
Acq: 09 Sep 2022 16:59

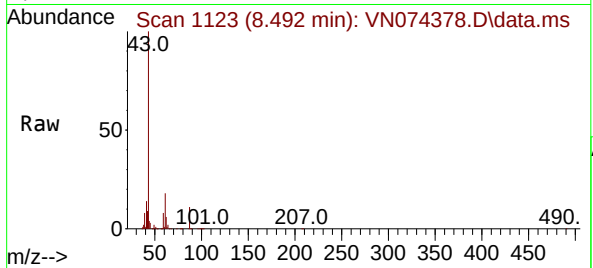
Tgt Ion: 62 Resp: 372245
Ion Ratio Lower Upper
62 100
98 8.4 0.0 17.6





#43
Isopropyl Acetate
Concen: 55.896 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN074378.D
Acq: 09 Sep 2022 16:59

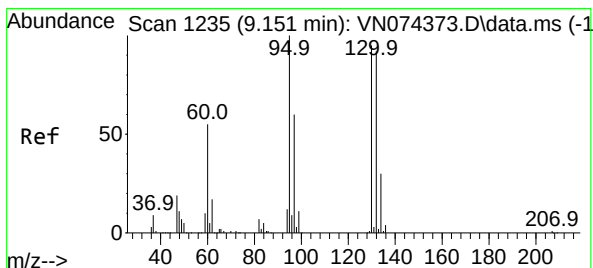
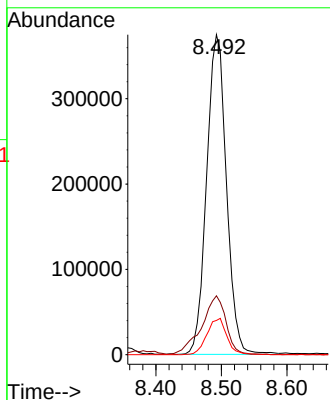
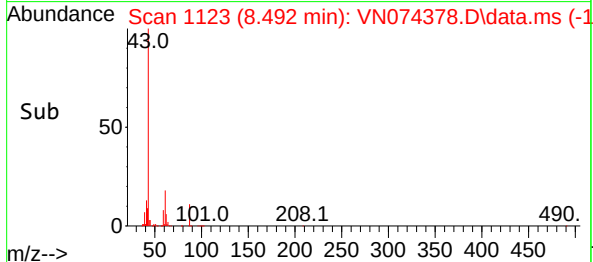
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 788100
Ion Ratio Lower Upper
43 100
61 22.9 18.6 27.8
87 11.4 9.4 14.2

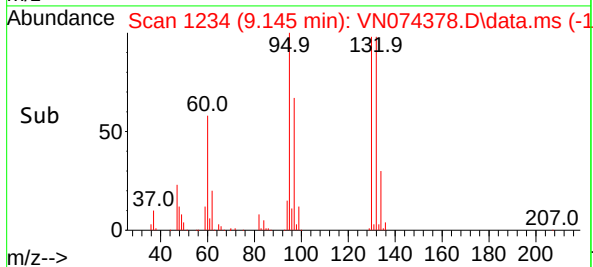
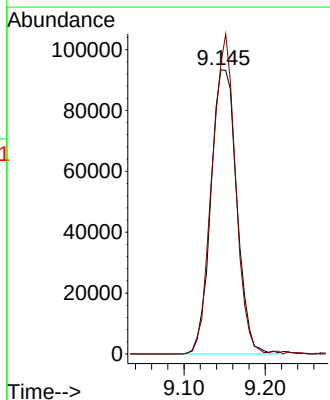
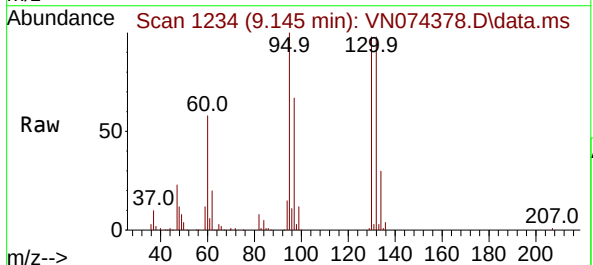
Manual Integrations
APPROVED

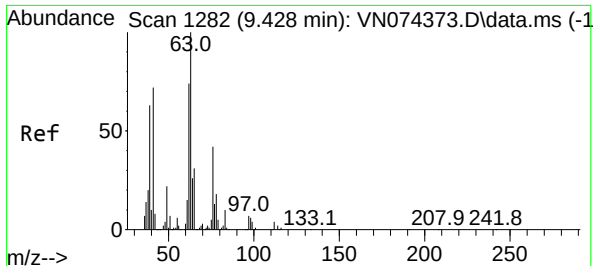
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#44
Trichloroethene
Concen: 50.573 ug/l
RT: 9.145 min Scan# 1234
Delta R.T. -0.006 min
Lab File: VN074378.D
Acq: 09 Sep 2022 16:59

Tgt Ion:130 Resp: 206313
Ion Ratio Lower Upper
130 100
95 102.1 0.0 210.0





#45

1,2-Dichloropropane

Concen: 53.779 ug/l

RT: 9.428 min Scan# 1282

Delta R.T. 0.000 min

Lab File: VN074378.D

Acq: 09 Sep 2022 16:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 259780

Ion Ratio Lower Upper

63 100

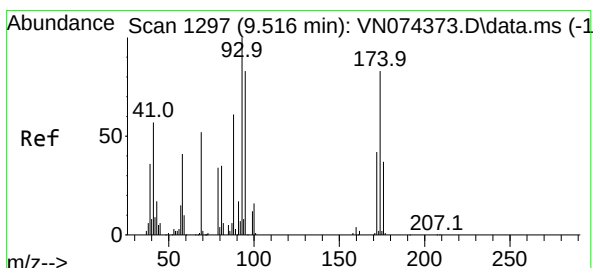
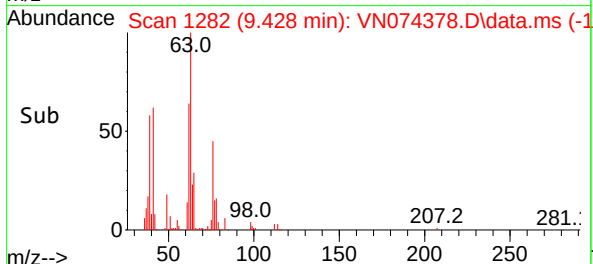
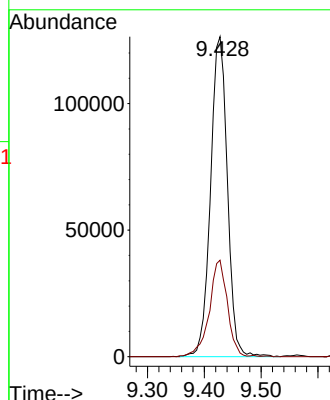
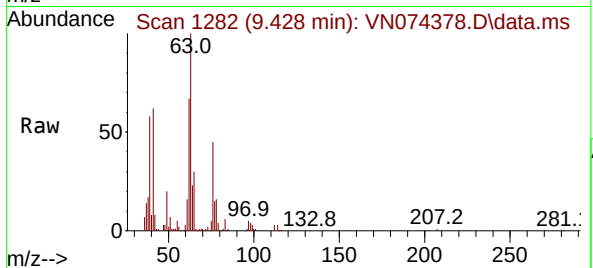
65 30.1 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2022

Supervised By :Mahesh Dadoda 09/12/2022



#46

Dibromomethane

Concen: 54.879 ug/l

RT: 9.510 min Scan# 1296

Delta R.T. -0.006 min

Lab File: VN074378.D

Acq: 09 Sep 2022 16:59

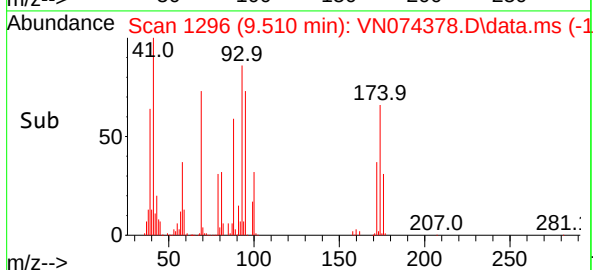
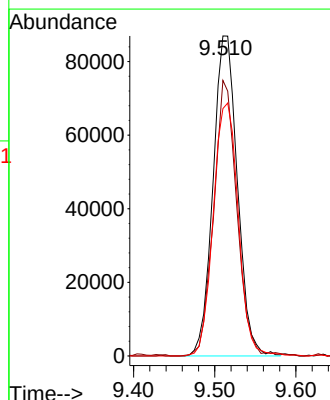
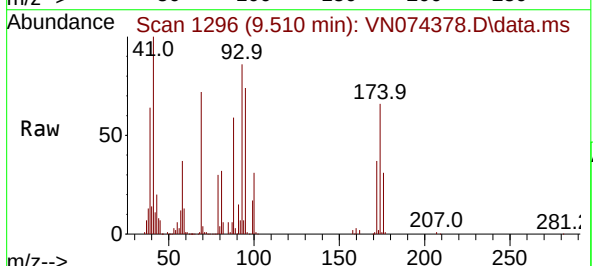
Tgt Ion: 93 Resp: 181509

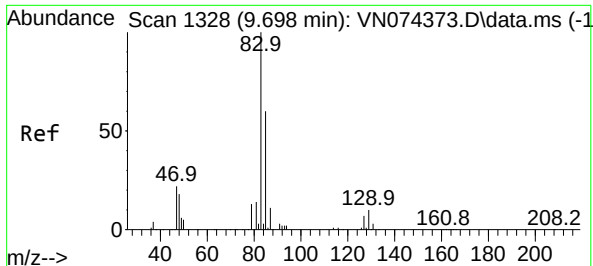
Ion Ratio Lower Upper

93 100

95 81.9 67.5 101.3

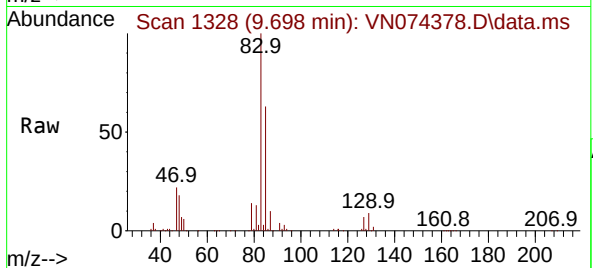
174 81.1 67.2 100.8





#47
Bromodichloromethane
Concen: 53.437 ug/l
RT: 9.698 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VN074378.D
Acq: 09 Sep 2022 16:59

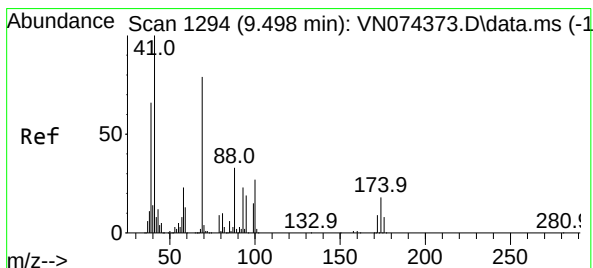
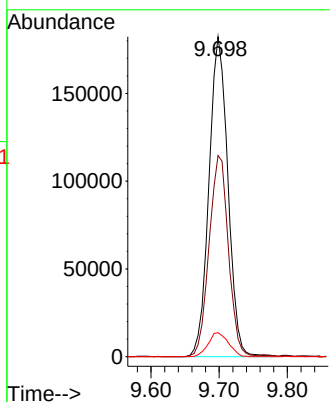
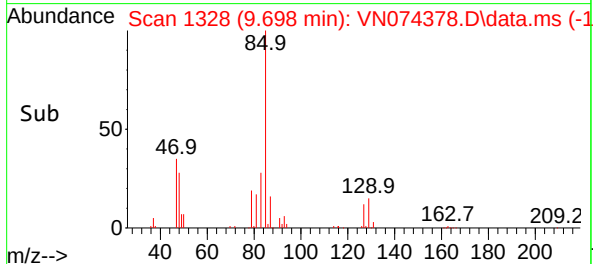
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



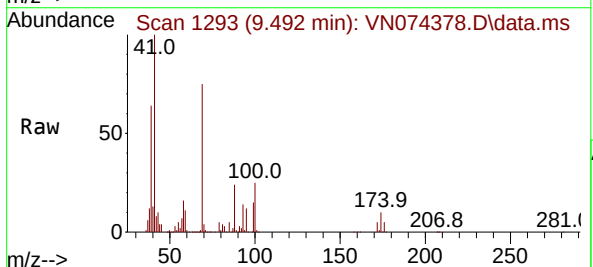
Tgt Ion: 83 Resp: 352288
Ion Ratio Lower Upper
83 100
85 62.9 47.7 71.5
127 7.5 5.4 8.2

Manual Integrations
APPROVED

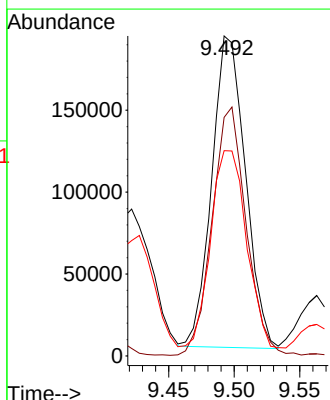
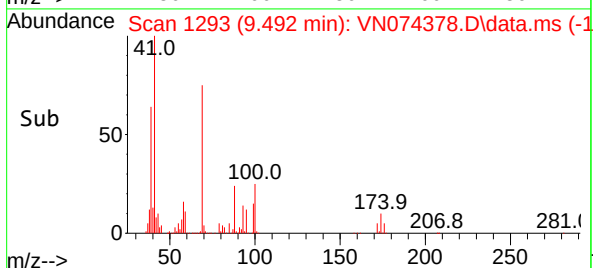
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022

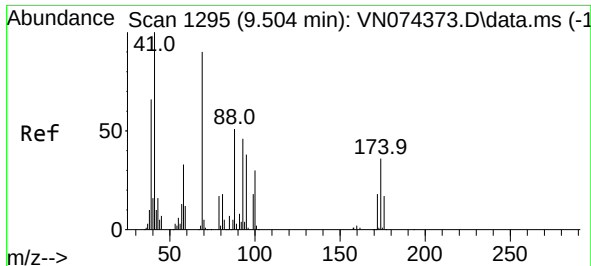


#48
Methyl methacrylate
Concen: 54.546 ug/l
RT: 9.492 min Scan# 1293
Delta R.T. -0.006 min
Lab File: VN074378.D
Acq: 09 Sep 2022 16:59



Tgt Ion: 41 Resp: 338933
Ion Ratio Lower Upper
41 100
69 80.9 67.6 101.4
39 73.8 58.2 87.4





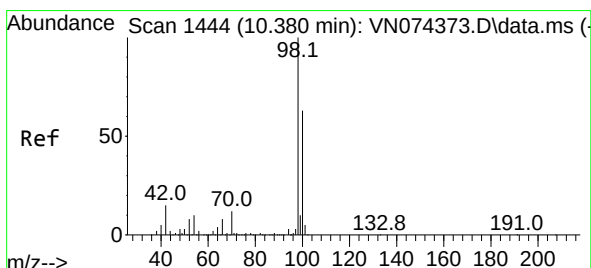
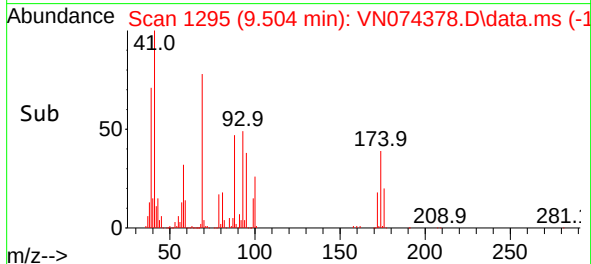
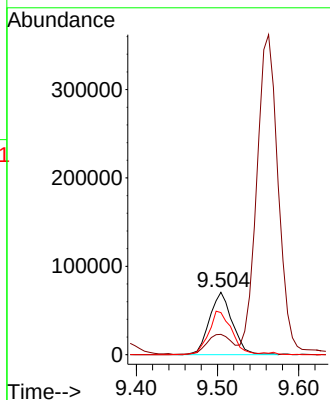
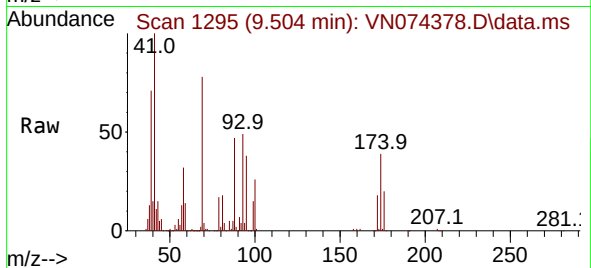
#49
1,4-Dioxane
Concen: 1051.661 ug/l
RT: 9.504 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VN074378.D
Acq: 09 Sep 2022 16:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 137710
Ion Ratio Lower Upper
88 100
43 33.2 26.9 40.3
58 69.9 52.7 79.1

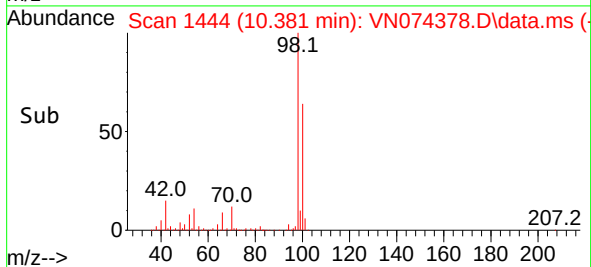
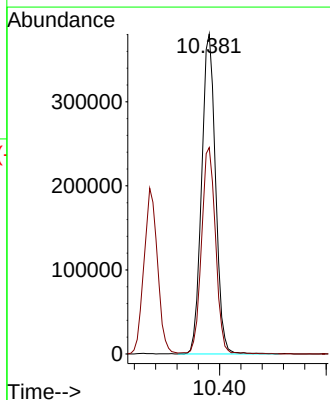
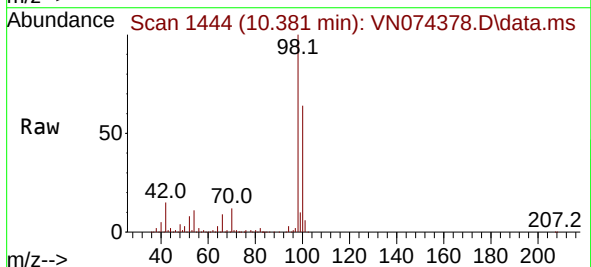
Manual Integrations
APPROVED

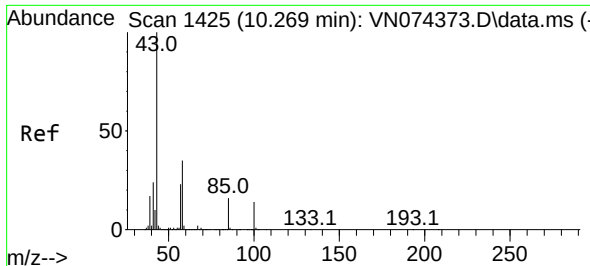
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#50
Toluene-d8
Concen: 49.175 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074378.D
Acq: 09 Sep 2022 16:59

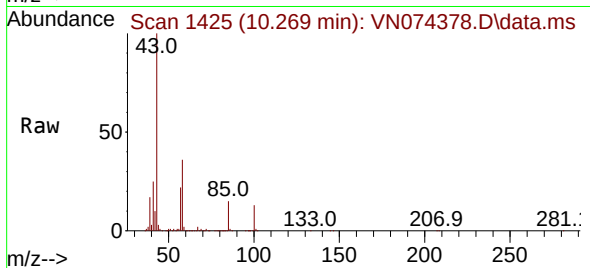
Tgt Ion: 98 Resp: 691249
Ion Ratio Lower Upper
98 100
100 65.2 50.6 76.0





#51
4-Methyl-2-Pentanone
Concen: 288.152 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VN074378.D
Acq: 09 Sep 2022 16:59

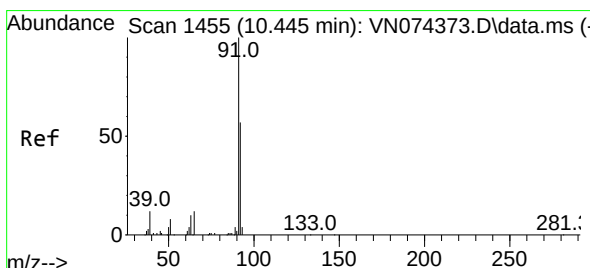
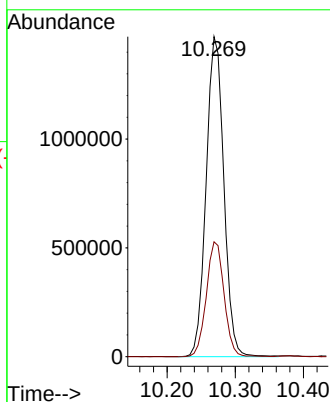
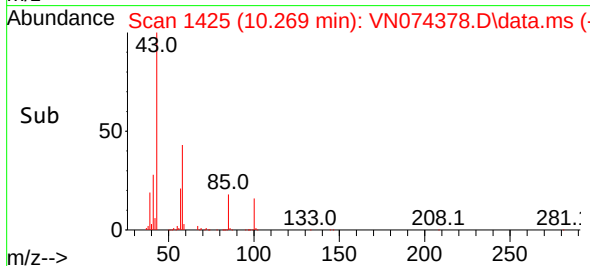
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 2656907
Ion Ratio Lower Upper
43 100
58 36.0 29.0 43.6

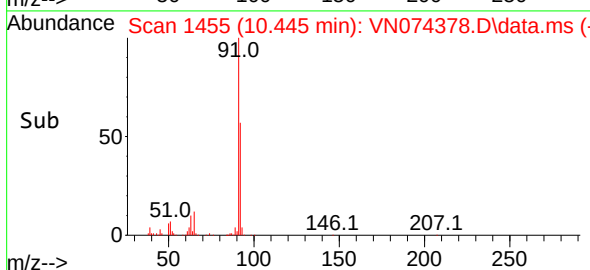
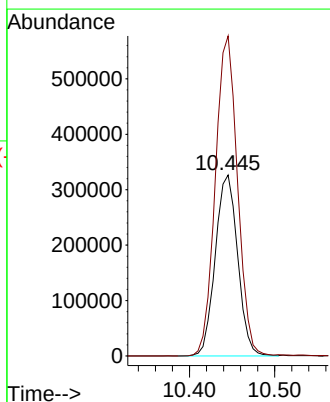
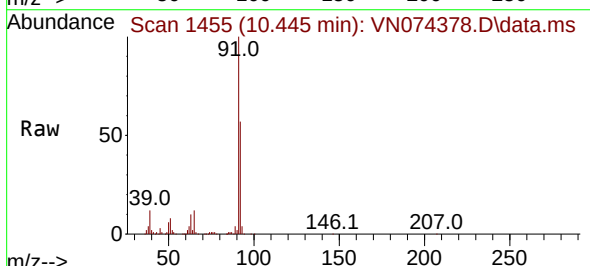
Manual Integrations
APPROVED

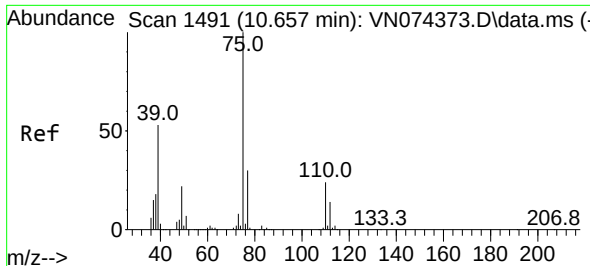
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#52
Toluene
Concen: 53.041 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN074378.D
Acq: 09 Sep 2022 16:59

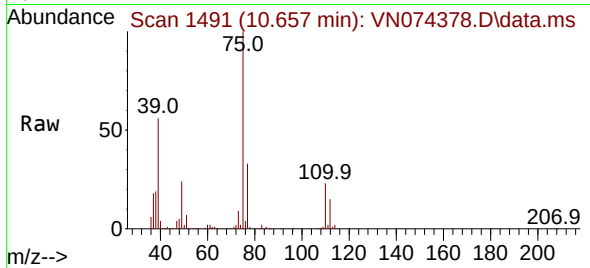
Tgt Ion: 92 Resp: 596894
Ion Ratio Lower Upper
92 100
91 175.5 139.8 209.6





#53
t-1,3-Dichloropropene
Concen: 55.942 ug/l
RT: 10.657 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN074378.D
Acq: 09 Sep 2022 16:59

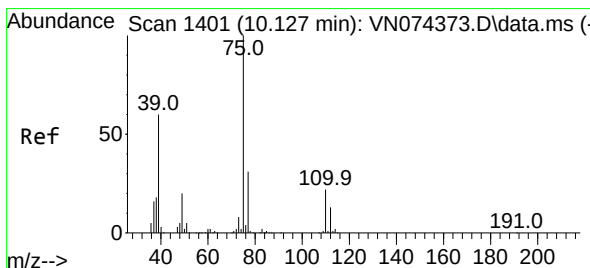
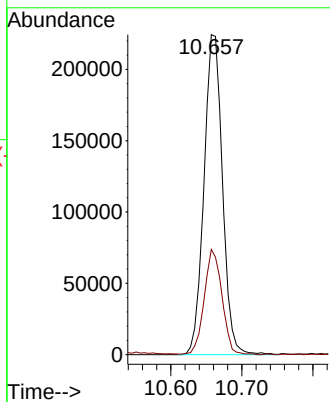
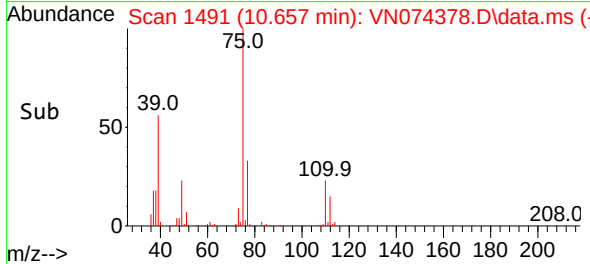
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



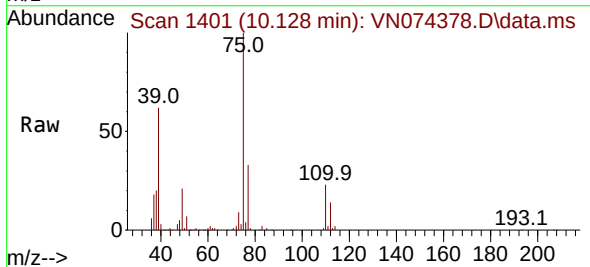
Tgt Ion: 75 Resp: 406849
Ion Ratio Lower Upper
75 100
77 32.9 23.9 35.9

Manual Integrations
APPROVED

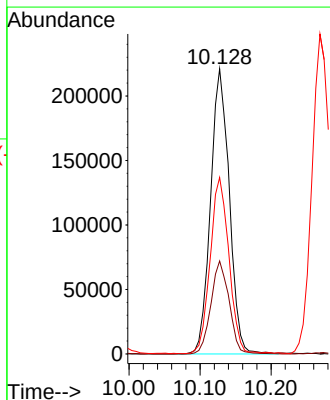
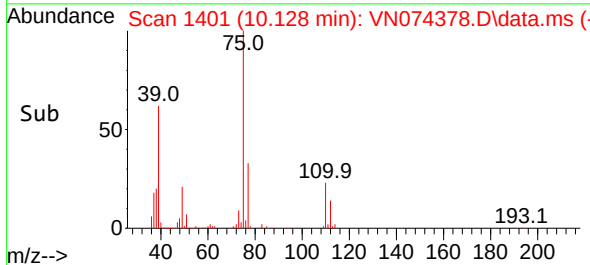
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022

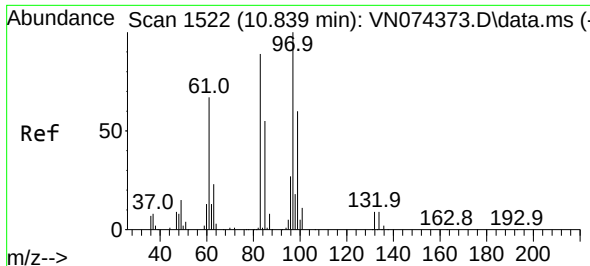


#54
cis-1,3-Dichloropropene
Concen: 52.174 ug/l
RT: 10.128 min Scan# 1401
Delta R.T. 0.000 min
Lab File: VN074378.D
Acq: 09 Sep 2022 16:59



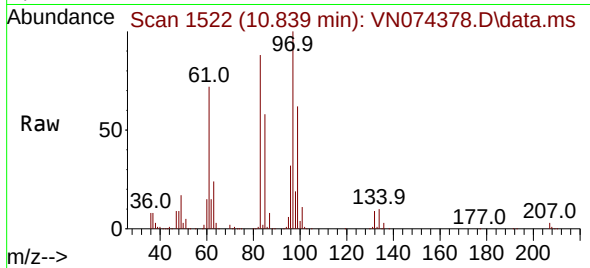
Tgt Ion: 75 Resp: 404513
Ion Ratio Lower Upper
75 100
77 32.5 24.5 36.7
39 61.8 48.0 72.0





#55
1,1,2-Trichloroethane
Concen: 55.000 ug/l
RT: 10.839 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VN074378.D
Acq: 09 Sep 2022 16:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

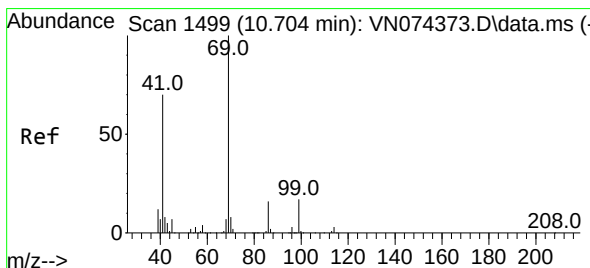
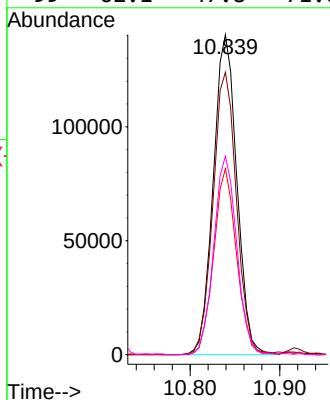
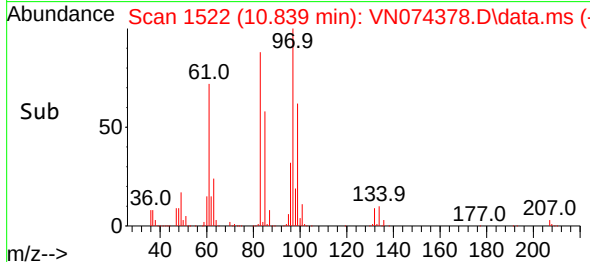


Tgt Ion: 97 Resp: 255120

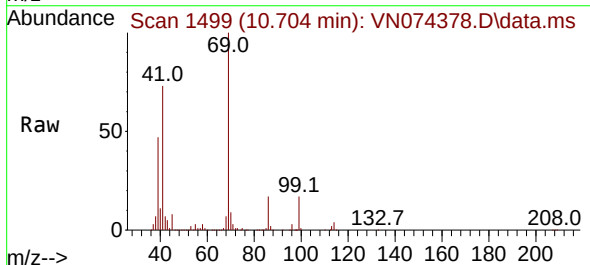
Ion	Ratio	Lower	Upper
97	100		
83	88.3	70.8	106.2
85	58.0	44.1	66.1
99	62.1	47.8	71.6

Manual Integrations
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Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022

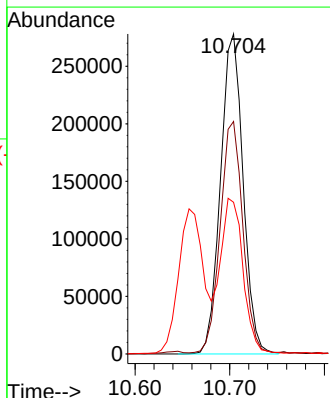
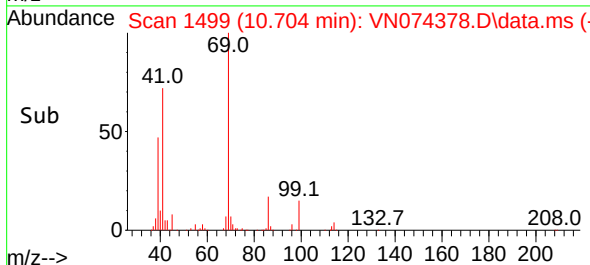


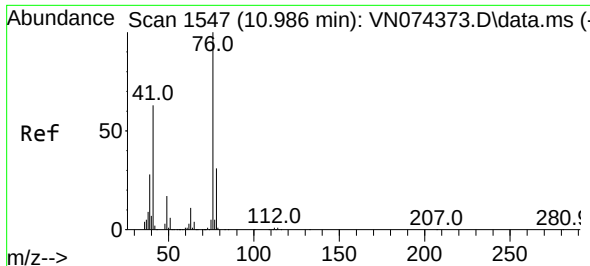
#56
Ethyl methacrylate
Concen: 58.412 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. 0.000 min
Lab File: VN074378.D
Acq: 09 Sep 2022 16:59



Tgt Ion: 69 Resp: 460385

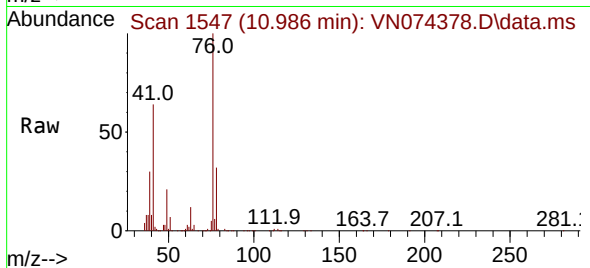
Ion	Ratio	Lower	Upper
69	100		
41	72.6	56.6	85.0
39	48.3	37.4	56.2





#57
1,3-Dichloropropane
Concen: 56.261 ug/l
RT: 10.986 min Scan# 1547
Delta R.T. 0.000 min
Lab File: VN074378.D
Acq: 09 Sep 2022 16:59

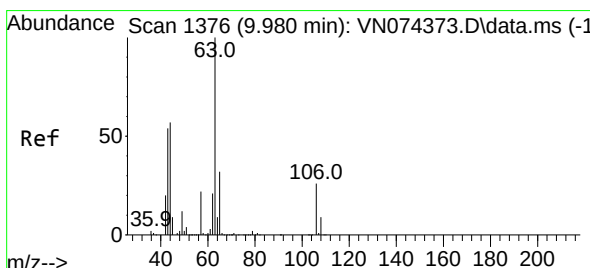
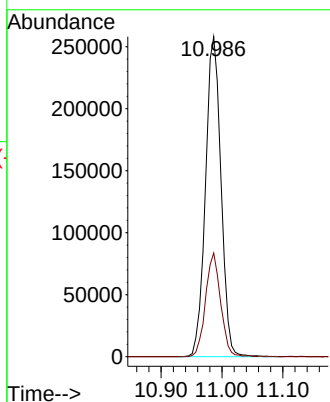
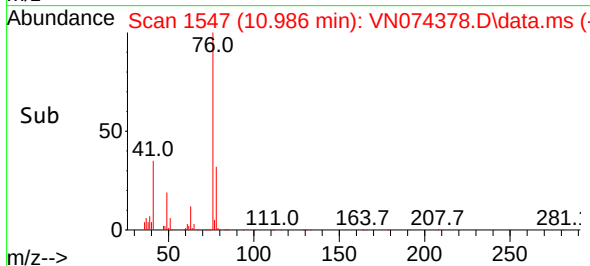
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 456169
Ion Ratio Lower Upper
76 100
78 31.6 25.0 37.4

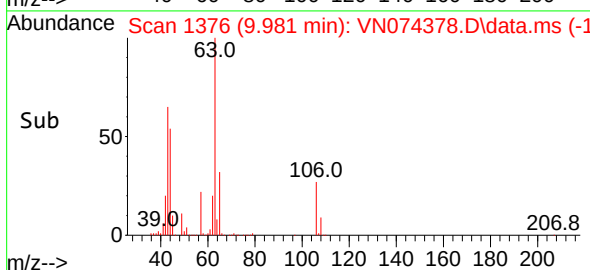
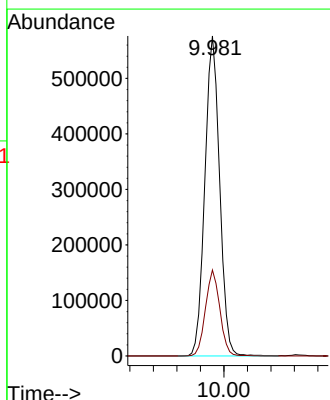
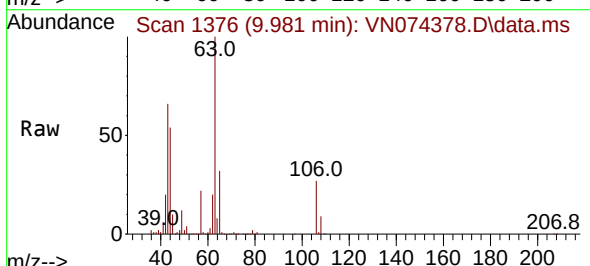
Manual Integrations
APPROVED

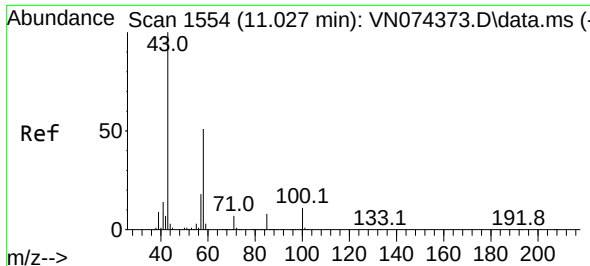
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#58
2-Chloroethyl Vinyl ether
Concen: 274.216 ug/l
RT: 9.981 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VN074378.D
Acq: 09 Sep 2022 16:59

Tgt Ion: 63 Resp: 1005399
Ion Ratio Lower Upper
63 100
106 26.1 21.1 31.7





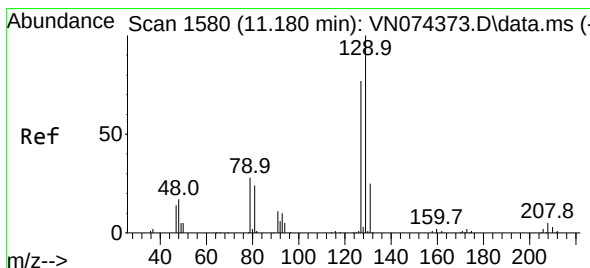
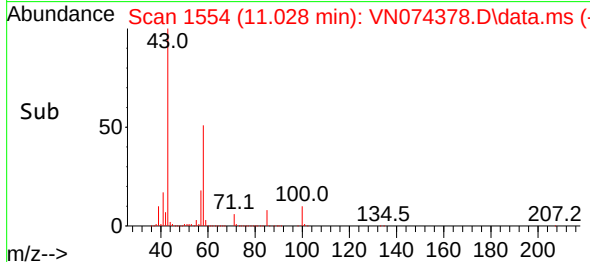
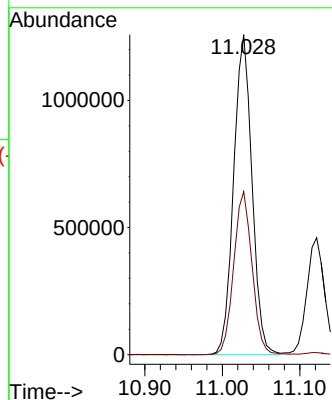
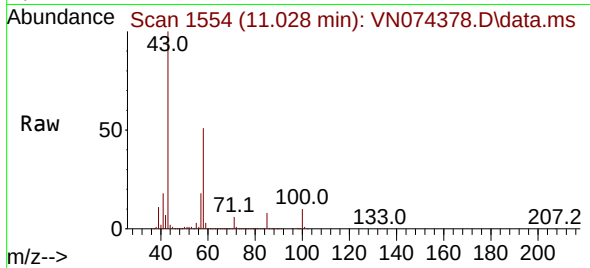
#59
2-Hexanone
Concen: 291.514 ug/l
RT: 11.028 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074378.D
Acq: 09 Sep 2022 16:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 207425
Ion Ratio Lower Upper
43 100
58 50.9 25.8 77.3

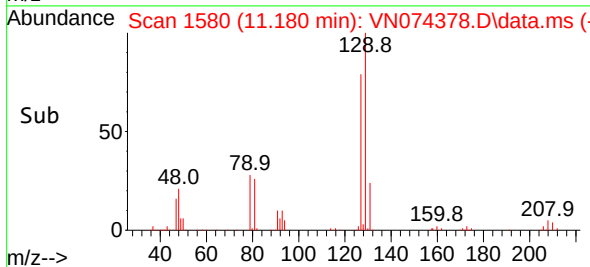
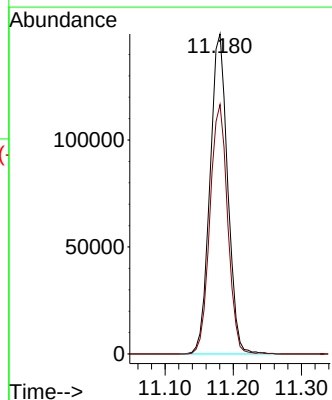
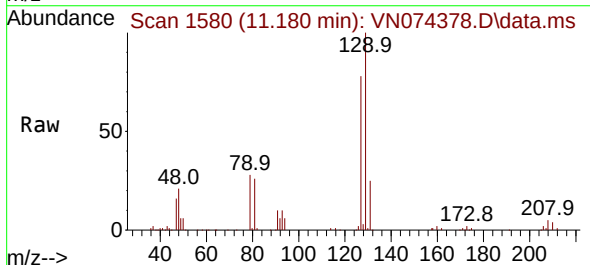
Manual Integrations
APPROVED

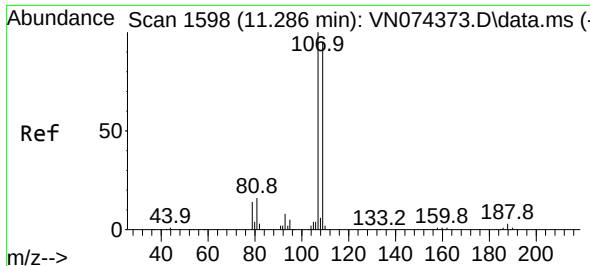
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#60
Dibromochloromethane
Concen: 57.569 ug/l
RT: 11.180 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VN074378.D
Acq: 09 Sep 2022 16:59

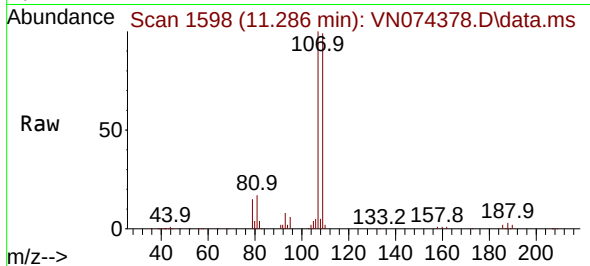
Tgt Ion:129 Resp: 270372
Ion Ratio Lower Upper
129 100
127 77.7 38.8 116.3





#61
1,2-Dibromoethane
Concen: 56.640 ug/l
RT: 11.286 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN074378.D
Acq: 09 Sep 2022 16:59

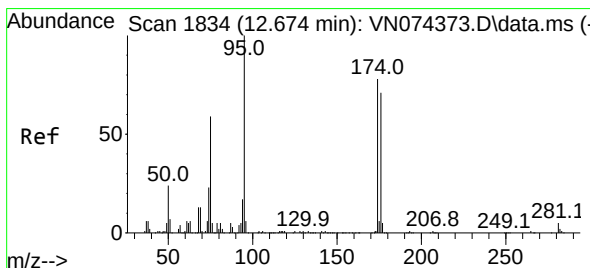
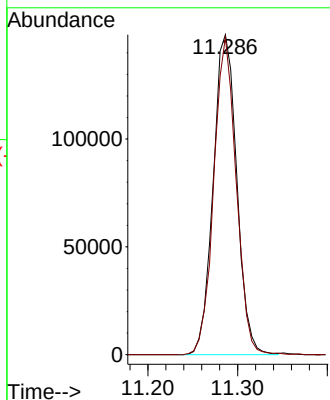
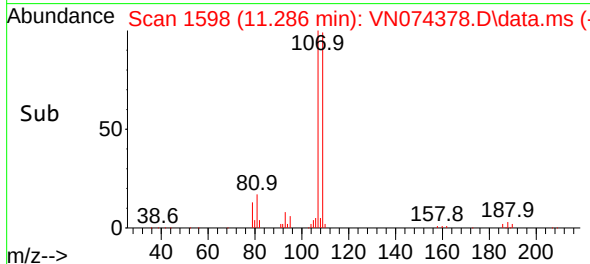
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 270302
Ion Ratio Lower Upper
107 100
109 94.5 75.0 112.4

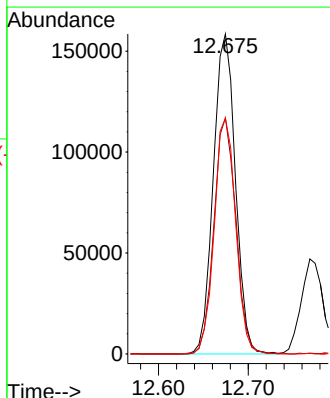
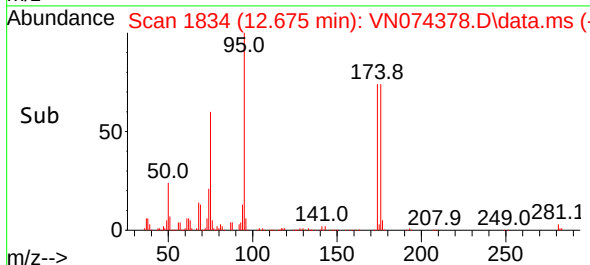
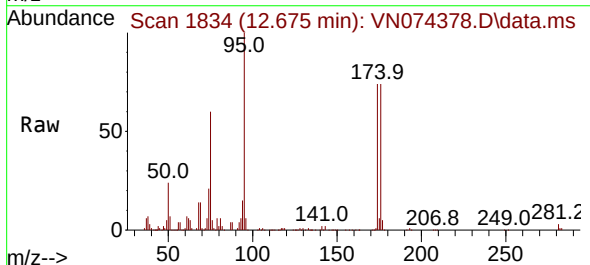
Manual Integrations
APPROVED

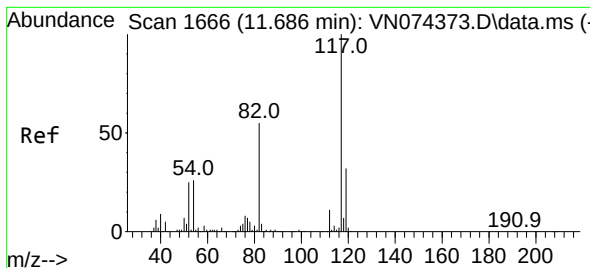
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#62
4-Bromofluorobenzene
Concen: 53.014 ug/l
RT: 12.675 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074378.D
Acq: 09 Sep 2022 16:59

Tgt Ion: 95 Resp: 270557
Ion Ratio Lower Upper
95 100
174 73.3 0.0 150.6
176 71.7 0.0 143.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.686 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN074378.D

Acq: 09 Sep 2022 16:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

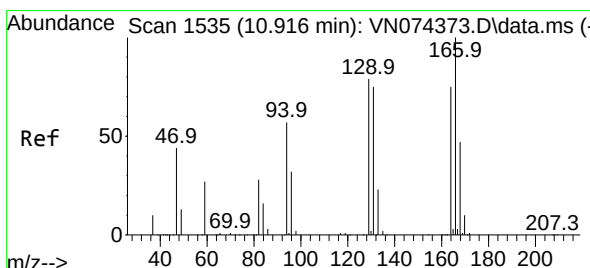
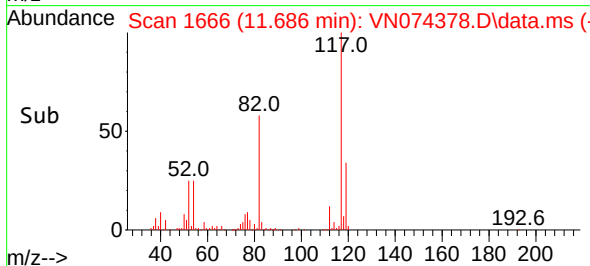
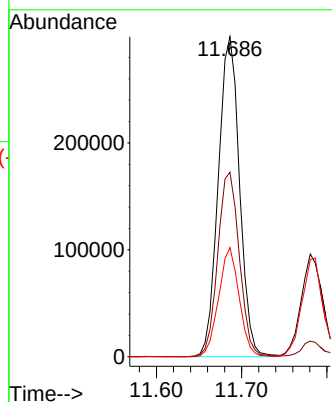
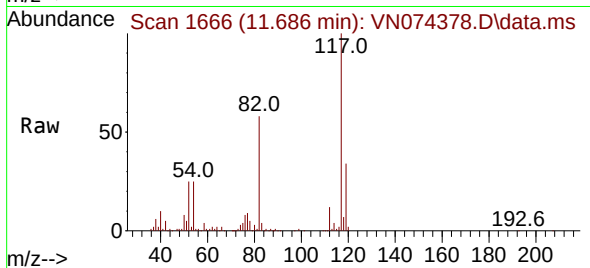
Tgt Ion:	117	Resp:	52038
Ion Ratio	Lower	Upper	
117	100		
82	57.6	44.3	66.5
119	34.1	25.5	38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2022

Supervised By :Mahesh Dadoda 09/12/2022



#64

Tetrachloroethene

Concen: 45.303 ug/l

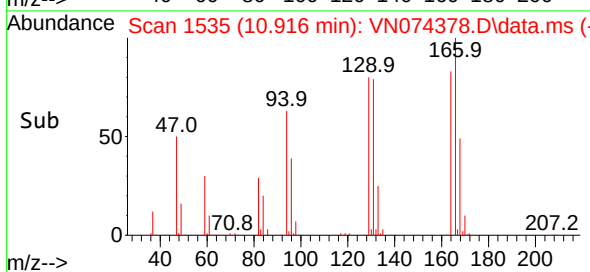
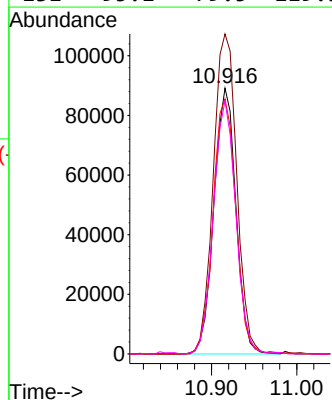
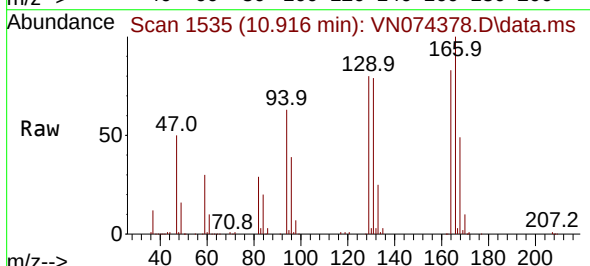
RT: 10.916 min Scan# 1535

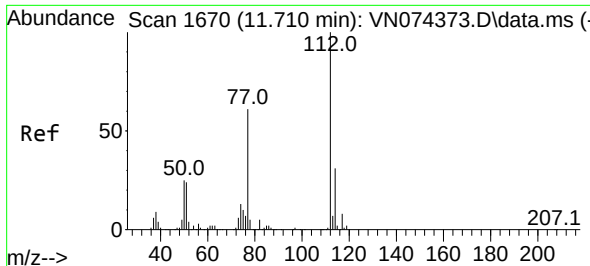
Delta R.T. 0.000 min

Lab File: VN074378.D

Acq: 09 Sep 2022 16:59

Tgt Ion:	164	Resp:	159816
Ion Ratio	Lower	Upper	
164	100		
166	120.4	106.6	160.0
129	96.0	84.0	126.0
131	95.1	79.5	119.3





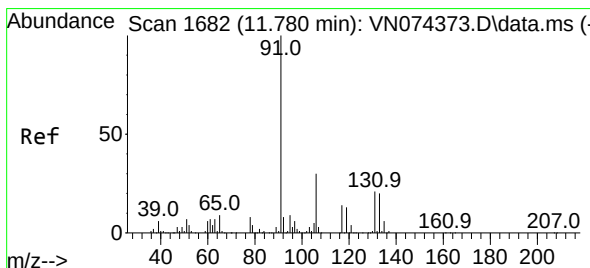
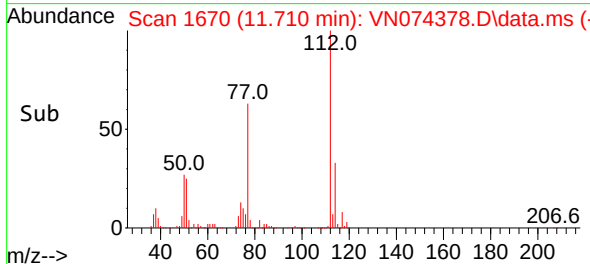
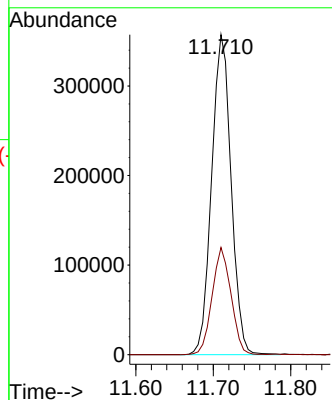
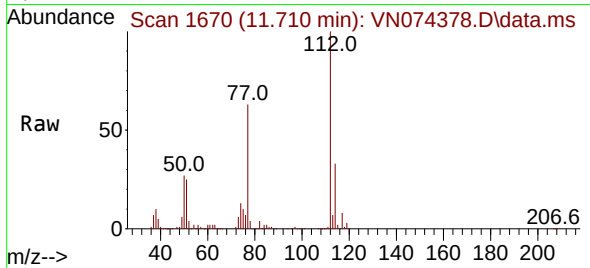
#65
Chlorobenzene
Concen: 49.660 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VN074378.D
Acq: 09 Sep 2022 16:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 623128
Ion Ratio Lower Upper
112 100
114 33.5 25.1 37.7

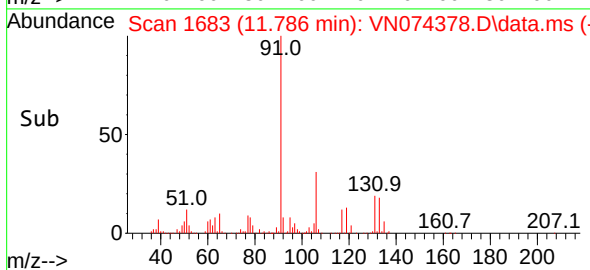
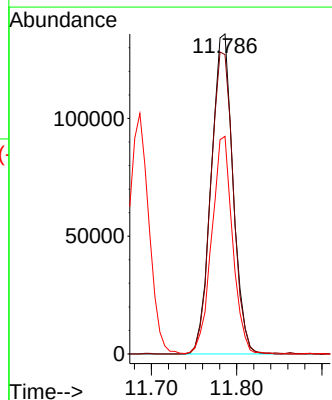
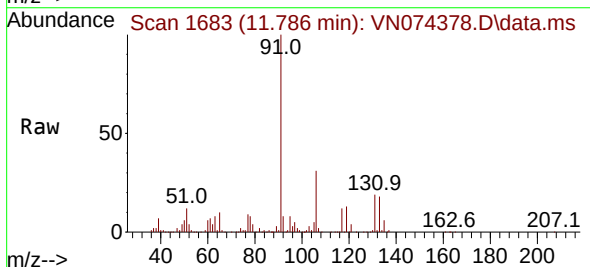
Manual Integrations
APPROVED

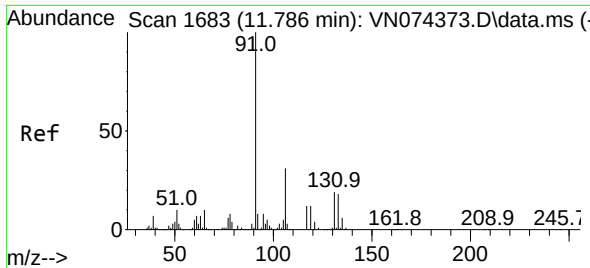
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 49.143 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.006 min
Lab File: VN074378.D
Acq: 09 Sep 2022 16:59

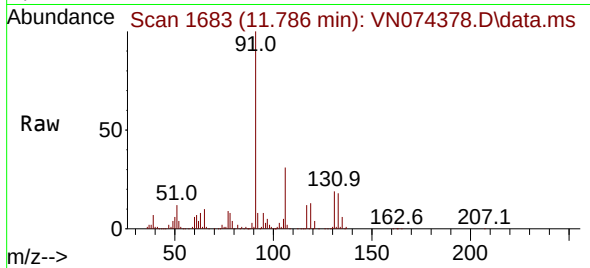
Tgt Ion:131 Resp: 240871
Ion Ratio Lower Upper
131 100
133 97.1 47.3 141.8
119 65.5 33.0 98.9





#67
Ethyl Benzene
Concen: 48.874 ug/l
RT: 11.786 min Scan# 115832
Delta R.T. 0.000 min
Lab File: VN074378.D
Acq: 09 Sep 2022 16:59

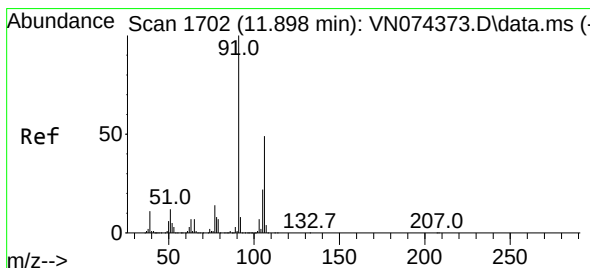
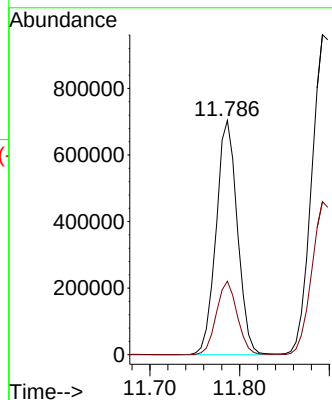
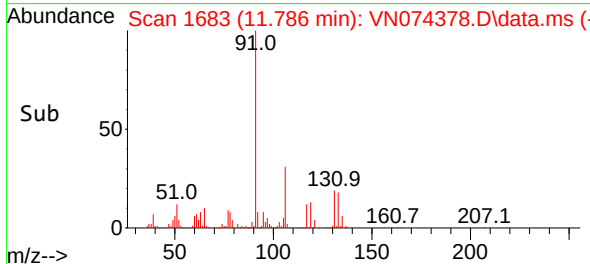
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



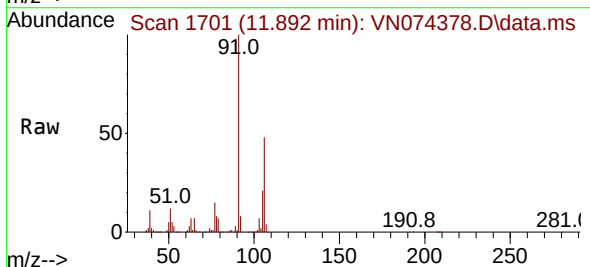
Tgt Ion: 91 Resp: 115832
Ion Ratio Lower Upper
91 100
106 31.4 24.5 36.7

Manual Integrations
APPROVED

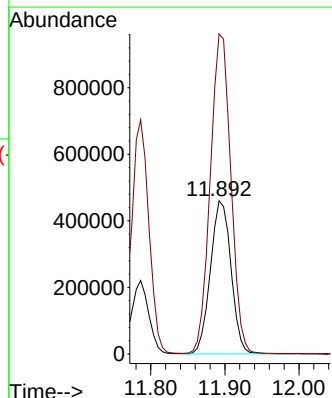
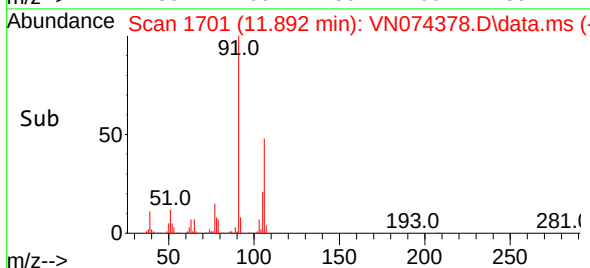
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022

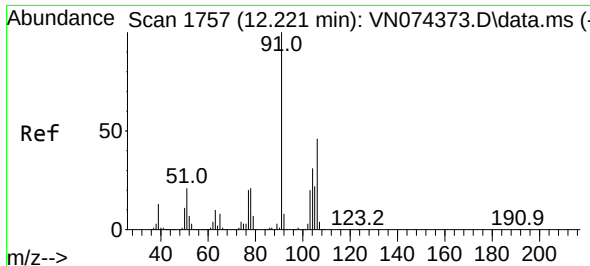


#68
m/p-Xylenes
Concen: 99.562 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN074378.D
Acq: 09 Sep 2022 16:59



Tgt Ion:106 Resp: 887061
Ion Ratio Lower Upper
106 100
91 209.6 167.7 251.5





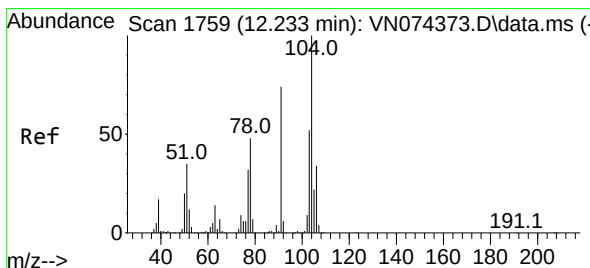
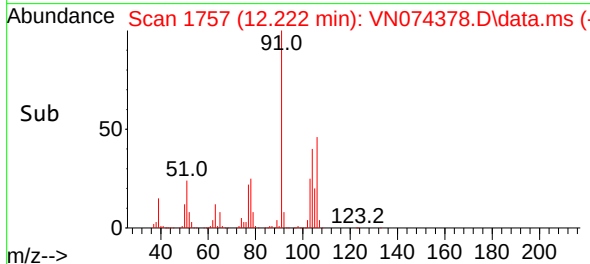
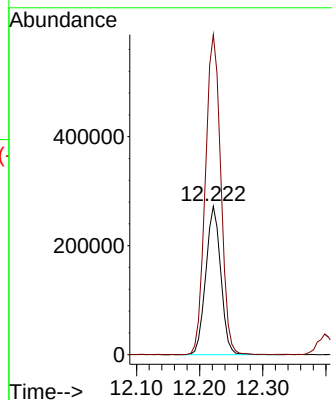
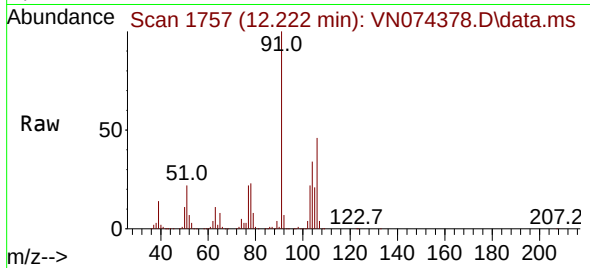
#69
o-Xylene
Concen: 49.972 ug/l
RT: 12.222 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN074378.D
Acq: 09 Sep 2022 16:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 447540
Ion Ratio Lower Upper
106 100
91 222.4 109.4 328.2

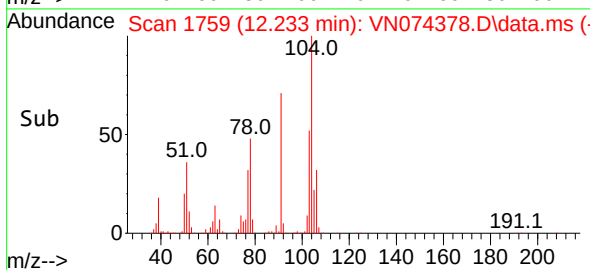
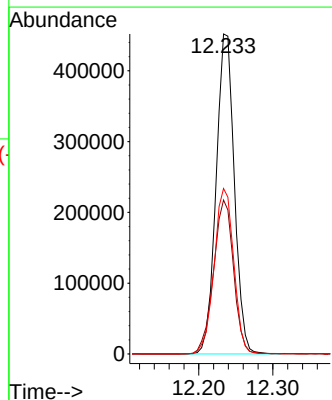
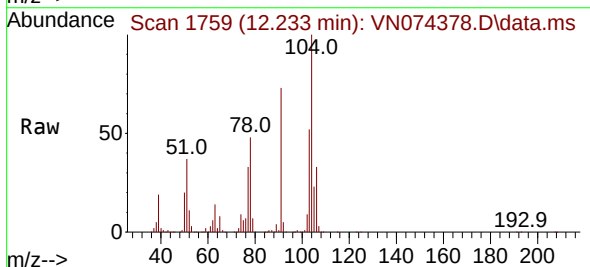
Manual Integrations
APPROVED

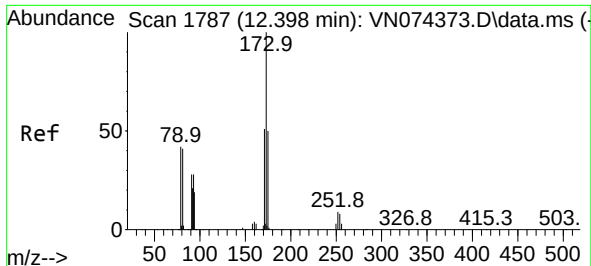
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#70
Styrene
Concen: 54.254 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN074378.D
Acq: 09 Sep 2022 16:59

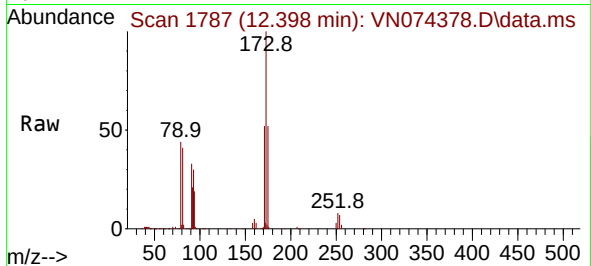
Tgt Ion:104 Resp: 772497
Ion Ratio Lower Upper
104 100
78 52.8 41.8 62.6
103 55.5 43.4 65.2





#71
Bromoform
Concen: 56.392 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. 0.000 min
Lab File: VN074378.D
Acq: 09 Sep 2022 16:59

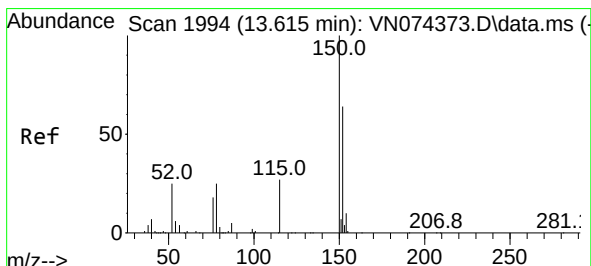
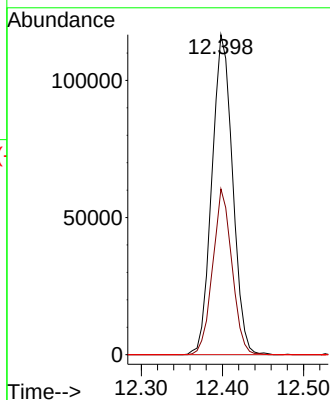
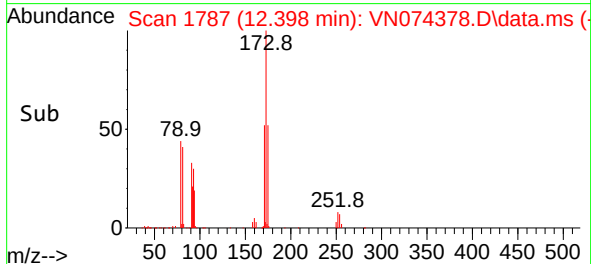
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



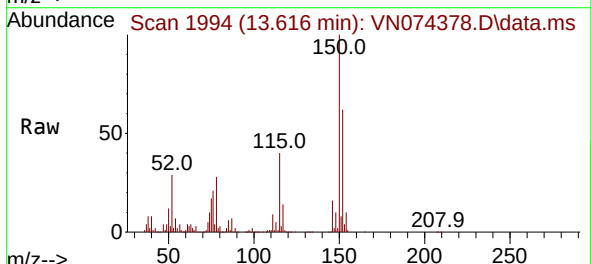
Tgt Ion:173 Resp: 207034
Ion Ratio Lower Upper
173 100
175 48.1 24.1 72.3
254 0.0 0.0 0.0

Manual Integrations
APPROVED

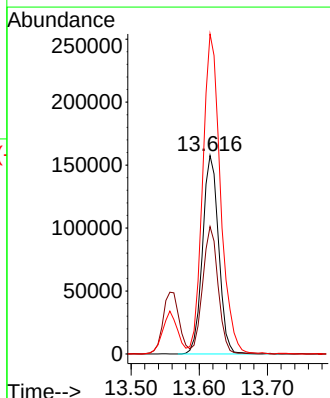
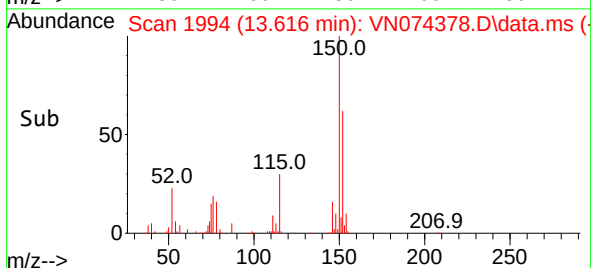
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022

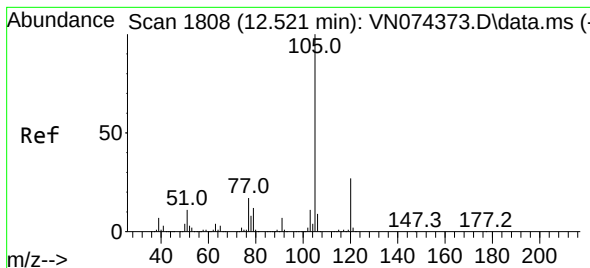


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.001 min
Lab File: VN074378.D
Acq: 09 Sep 2022 16:59



Tgt Ion:152 Resp: 258697
Ion Ratio Lower Upper
152 100
115 61.6 32.0 96.0
150 178.7 0.0 359.6





#73

Isopropylbenzene

Concen: 45.415 ug/l

RT: 12.522 min Scan# 1808

Delta R.T. 0.000 min

Lab File: VN074378.D

Acq: 09 Sep 2022 16:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 112876

Ion Ratio Lower Upper

105 100

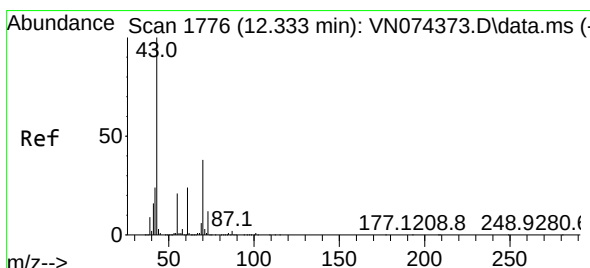
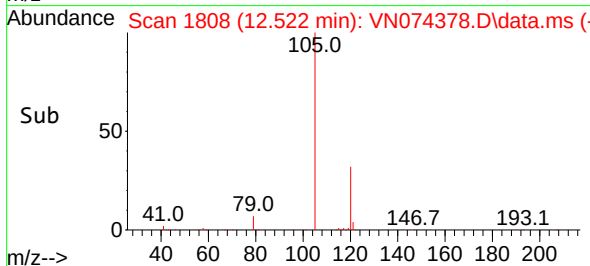
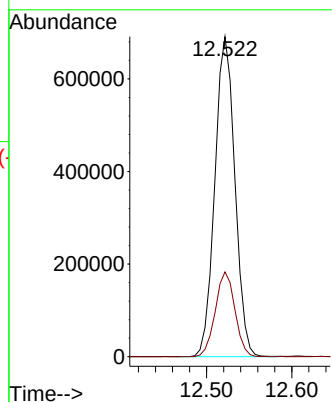
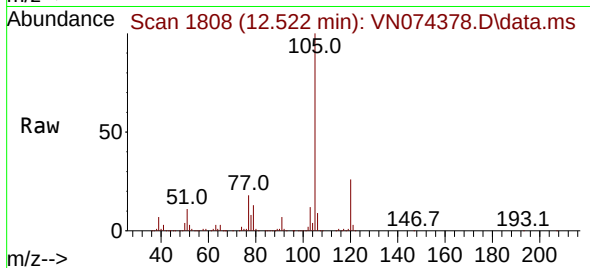
120 25.9 13.4 40.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2022

Supervised By :Mahesh Dadoda 09/12/2022



#74

N-ethyl acetate

Concen: 56.936 ug/l

RT: 12.333 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VN074378.D

Acq: 09 Sep 2022 16:59

Tgt Ion: 43 Resp: 717545

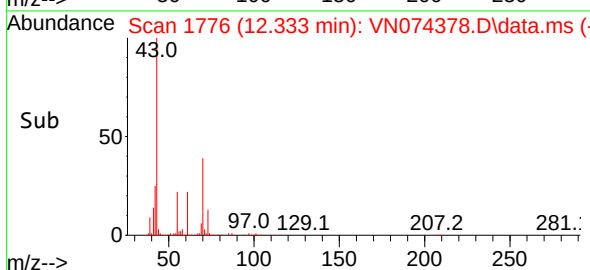
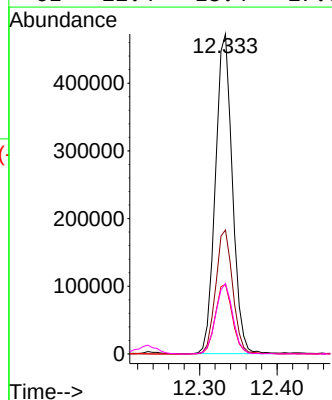
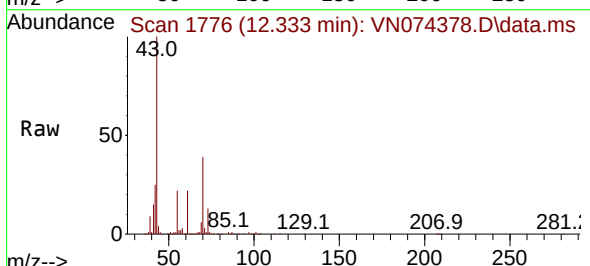
Ion Ratio Lower Upper

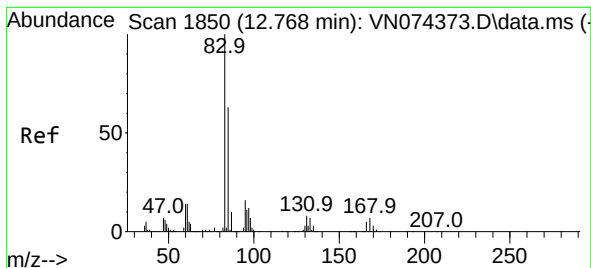
43 100

70 39.0 31.4 47.0

55 22.2 17.0 25.6

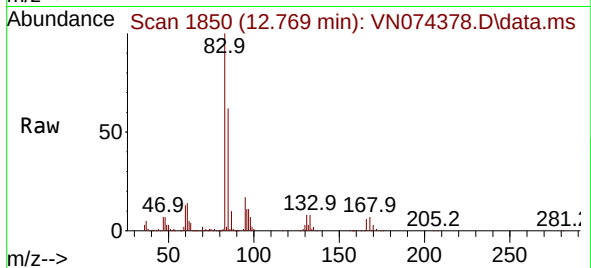
61 22.4 18.4 27.6





#75
1,1,2,2-Tetrachloroethane
Concen: 49.173 ug/l
RT: 12.769 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VN074378.D
Acq: 09 Sep 2022 16:59

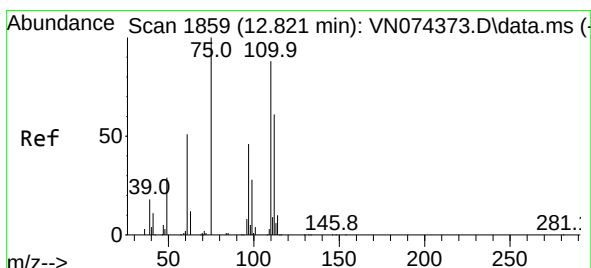
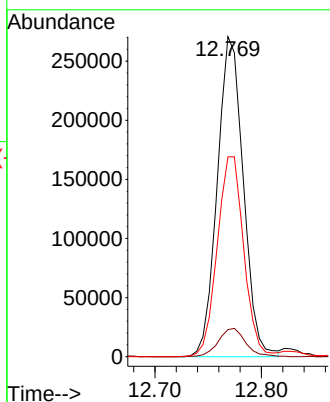
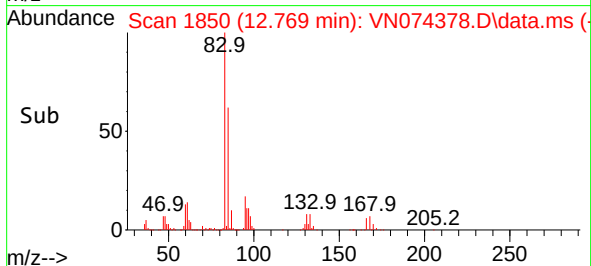
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



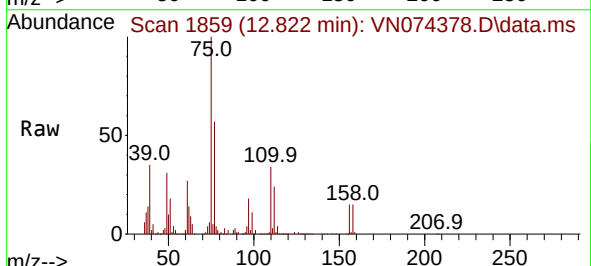
Tgt Ion: 83 Resp: 45930
Ion Ratio Lower Upper
83 100
131 9.3 4.5 13.7
85 63.7 32.3 96.8

Manual Integrations
APPROVED

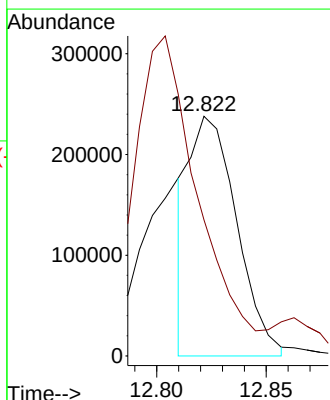
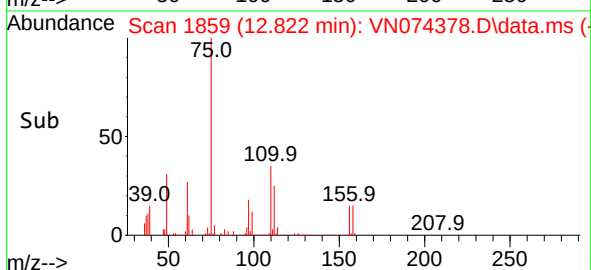
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022

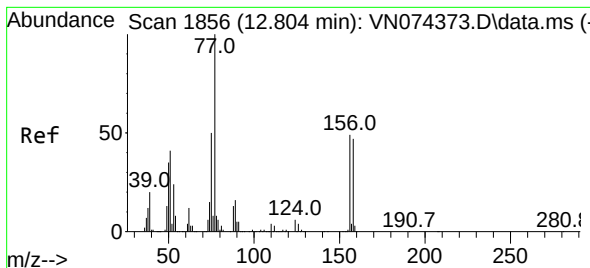


#76
1,2,3-Trichloropropane
Concen: 52.951 ug/l m
RT: 12.822 min Scan# 1859
Delta R.T. 0.000 min
Lab File: VN074378.D
Acq: 09 Sep 2022 16:59



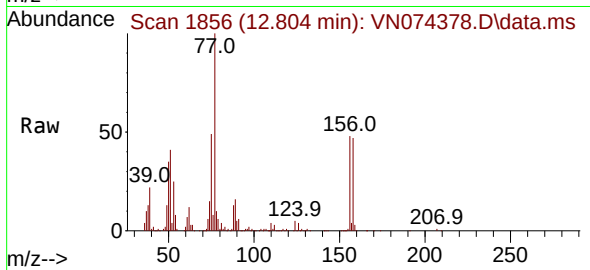
Tgt Ion: 75 Resp: 358093
Ion Ratio Lower Upper
75 100
77 181.2 78.9 236.7





#77
Bromobenzene
Concen: 48.369 ug/l
RT: 12.804 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VN074378.D
Acq: 09 Sep 2022 16:59

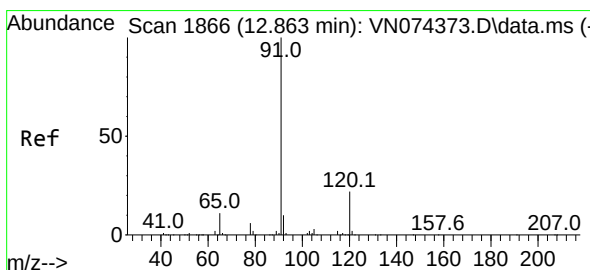
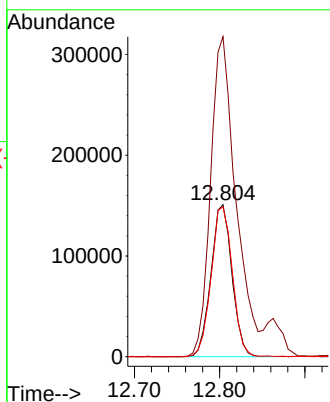
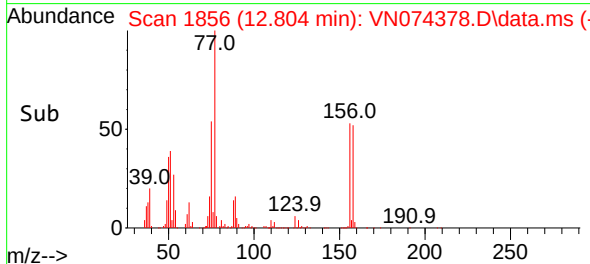
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



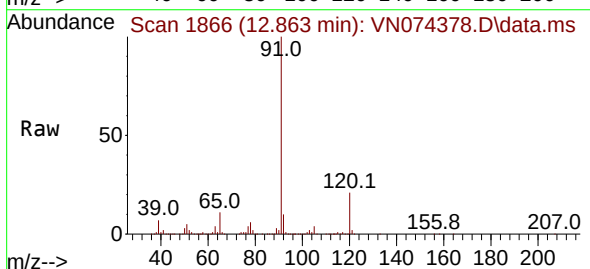
Tgt Ion: 156 Resp: 258080
Ion Ratio Lower Upper
156 100
77 251.5 124.4 373.1
158 99.8 49.2 147.6

Manual Integrations
APPROVED

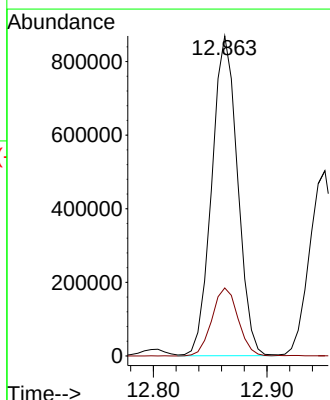
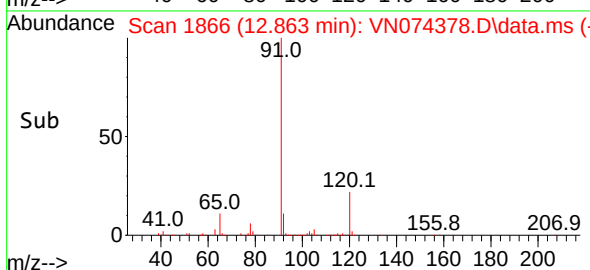
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022

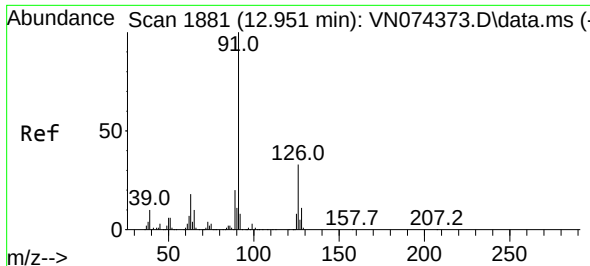


#78
n-propylbenzene
Concen: 48.106 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VN074378.D
Acq: 09 Sep 2022 16:59



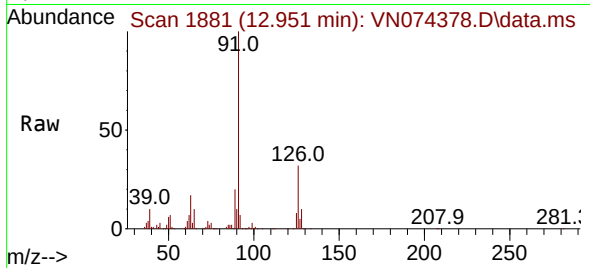
Tgt Ion: 91 Resp: 1369762
Ion Ratio Lower Upper
91 100
120 21.5 11.1 33.1





#79
2-Chlorotoluene
Concen: 47.684 ug/l
RT: 12.951 min Scan# 1881
Delta R.T. 0.000 min
Lab File: VN074378.D
Acq: 09 Sep 2022 16:59

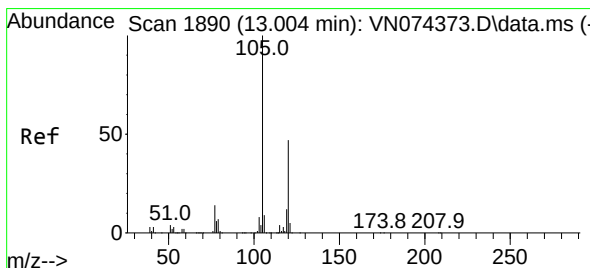
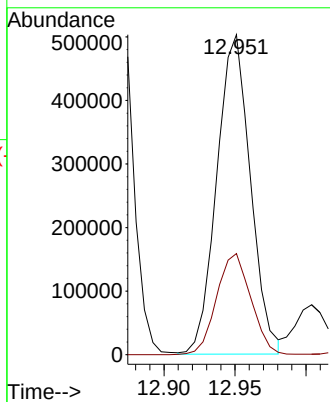
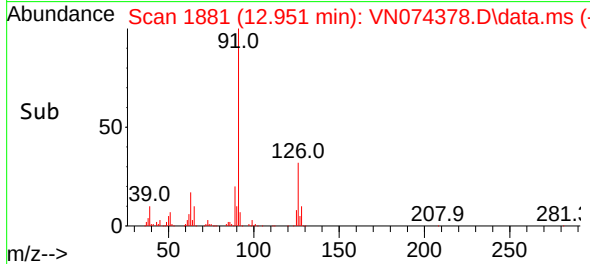
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



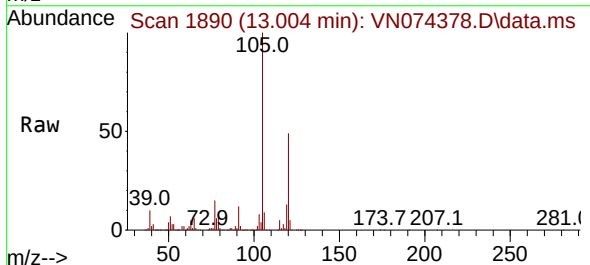
Tgt Ion: 91 Resp: 827785
Ion Ratio Lower Upper
91 100
126 32.3 16.2 48.5

Manual Integrations
APPROVED

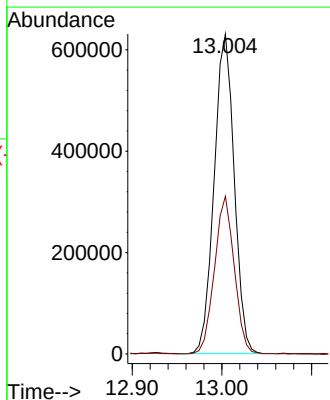
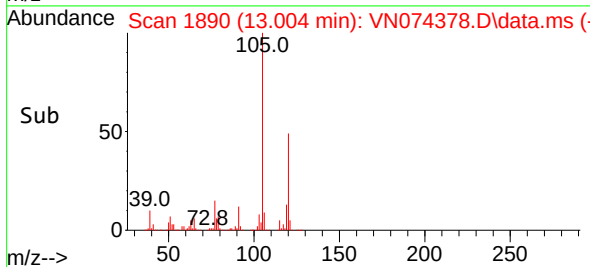
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022

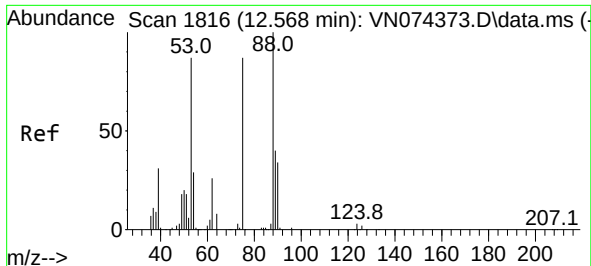


#80
1,3,5-Trimethylbenzene
Concen: 47.511 ug/l
RT: 13.004 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VN074378.D
Acq: 09 Sep 2022 16:59



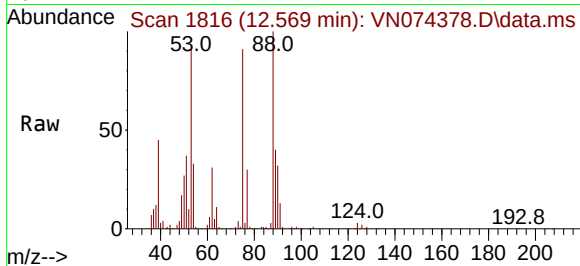
Tgt Ion:105 Resp: 979707
Ion Ratio Lower Upper
105 100
120 48.5 23.8 71.4





#81
trans-1,4-Dichloro-2-butene
Concen: 51.513 ug/l
RT: 12.569 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN074378.D
Acq: 09 Sep 2022 16:59

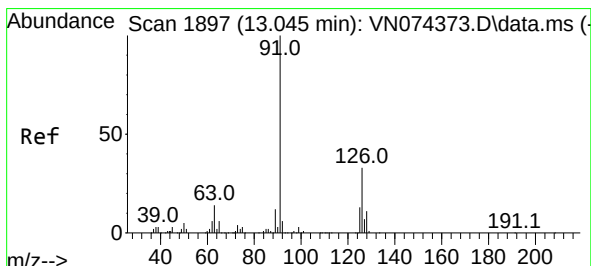
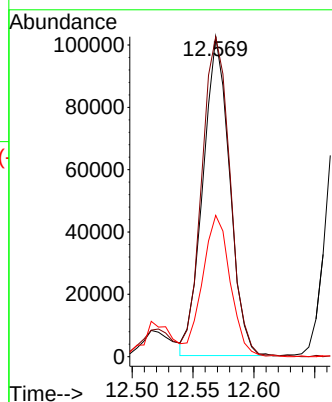
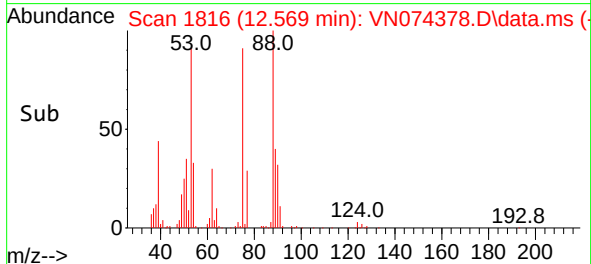
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 15629
Ion Ratio Lower Upper
75 100
53 106.3 82.2 123.2
89 46.5 37.7 56.5

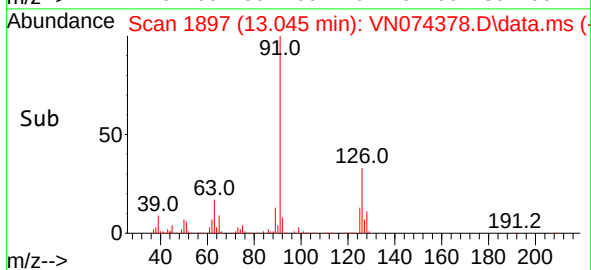
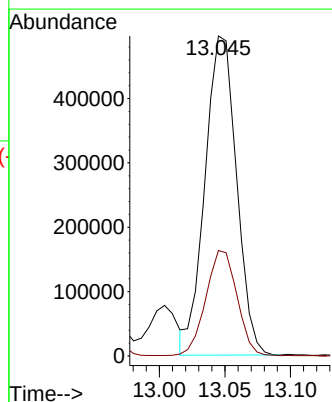
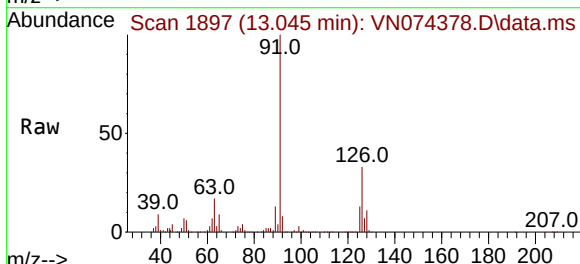
Manual Integrations
APPROVED

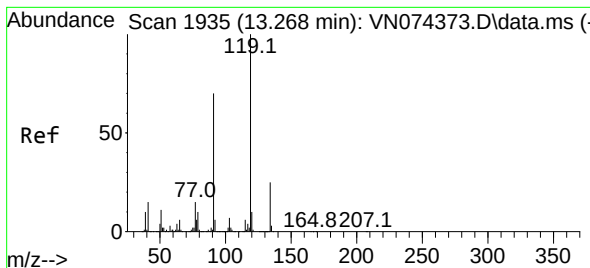
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#82
4-Chlorotoluene
Concen: 49.593 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VN074378.D
Acq: 09 Sep 2022 16:59

Tgt Ion: 91 Resp: 830679
Ion Ratio Lower Upper
91 100
126 32.9 16.4 49.1





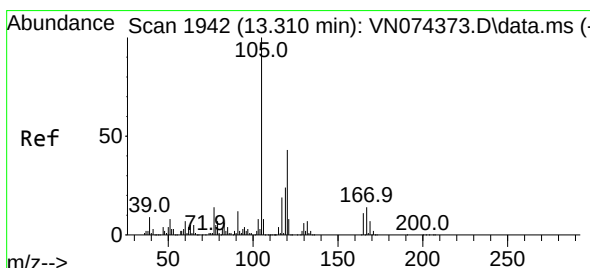
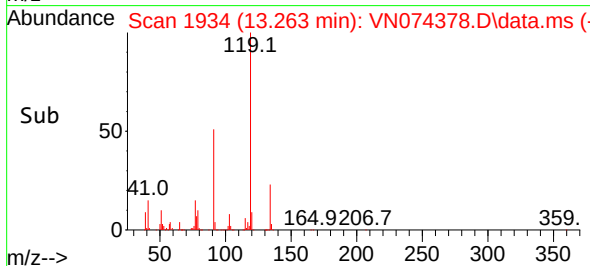
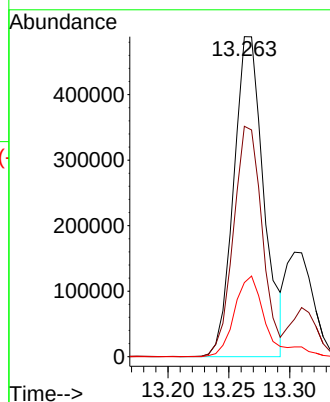
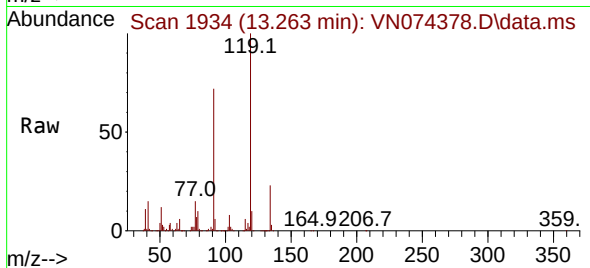
#83
tert-Butylbenzene
Concen: 45.252 ug/l
RT: 13.263 min Scan# 1935
Delta R.T. -0.006 min
Lab File: VN074378.D
Acq: 09 Sep 2022 16:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 840089
Ion Ratio Lower Upper
119 100
91 69.0 33.8 101.3
134 26.5 13.1 39.3

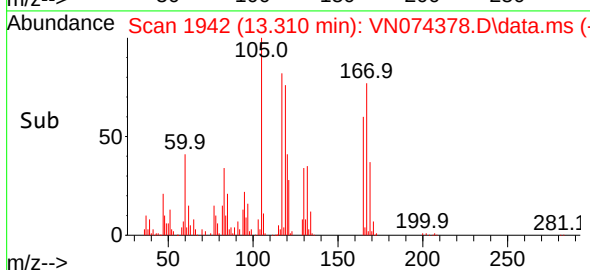
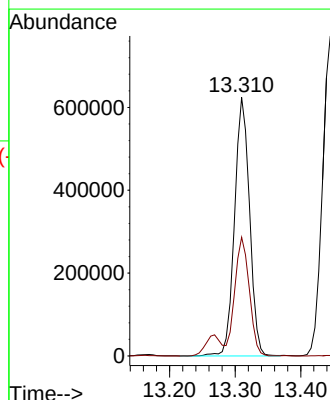
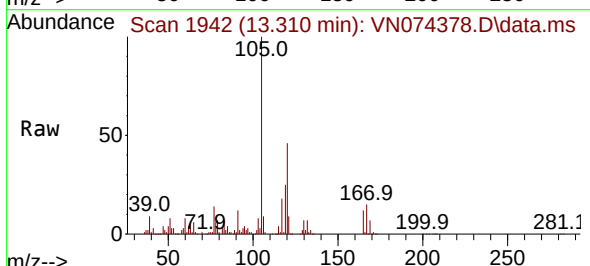
Manual Integrations
APPROVED

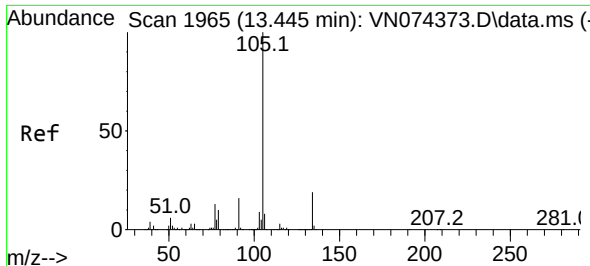
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#84
1,2,4-Trimethylbenzene
Concen: 48.679 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. 0.000 min
Lab File: VN074378.D
Acq: 09 Sep 2022 16:59

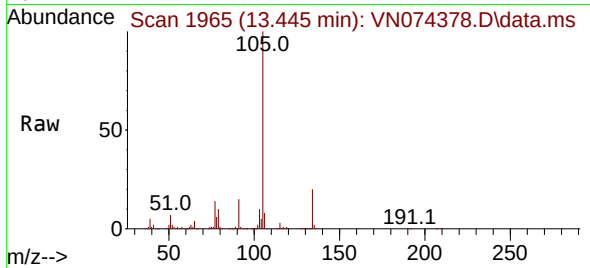
Tgt Ion:105 Resp: 994906
Ion Ratio Lower Upper
105 100
120 43.9 21.9 65.8





#85
 sec-Butylbenzene
 Concen: 47.021 ug/l
 RT: 13.445 min Scan# 1965
 Delta R.T. 0.000 min
 Lab File: VN074378.D
 Acq: 09 Sep 2022 16:59

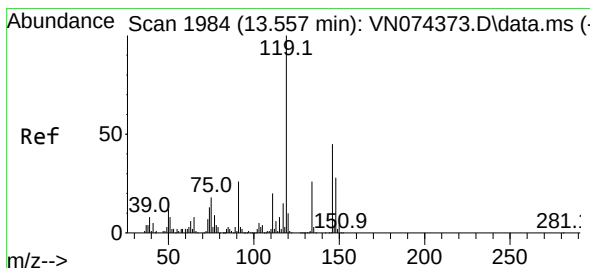
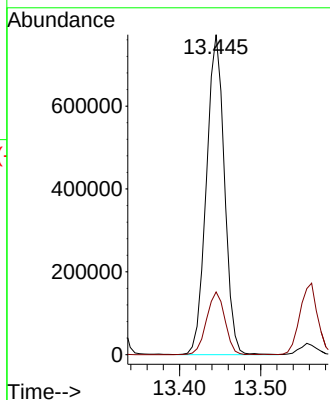
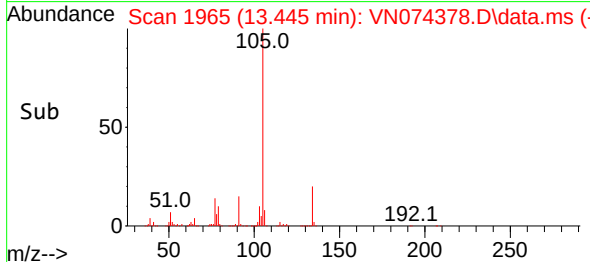
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion:105 Resp: 1187920
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.7 28.9

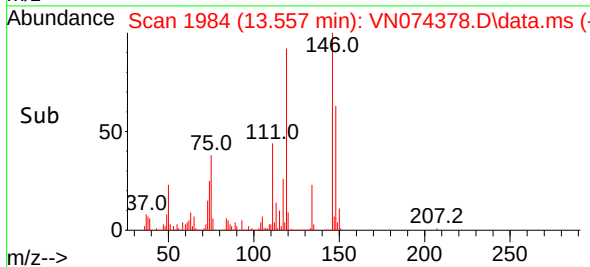
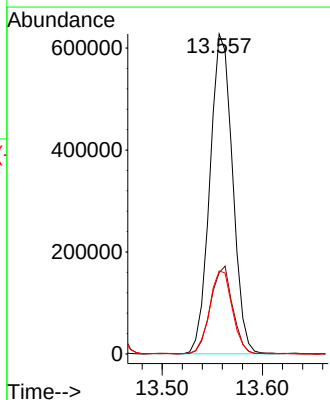
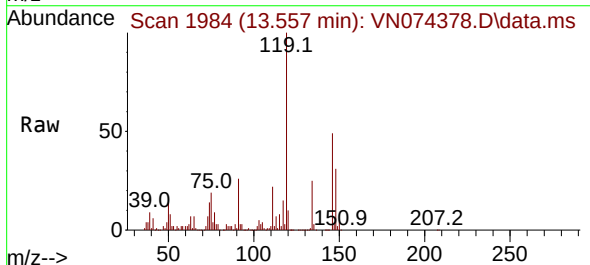
Manual Integrations
 APPROVED

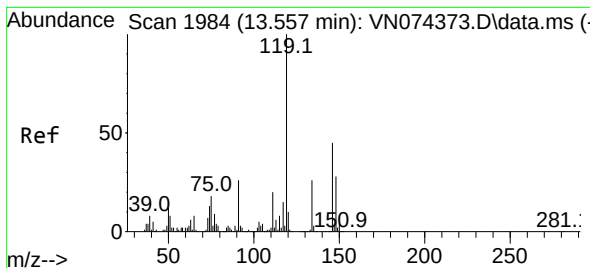
Reviewed By :John Carlone 09/12/2022
 Supervised By :Mahesh Dadoda 09/12/2022



#86
 p-Isopropyltoluene
 Concen: 48.744 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN074378.D
 Acq: 09 Sep 2022 16:59

Tgt Ion:119 Resp: 985690
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.0 38.9
 91 26.1 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 50.126 ug/l

RT: 13.557 min Scan# 1984

Delta R.T. 0.000 min

Lab File: VN074378.D

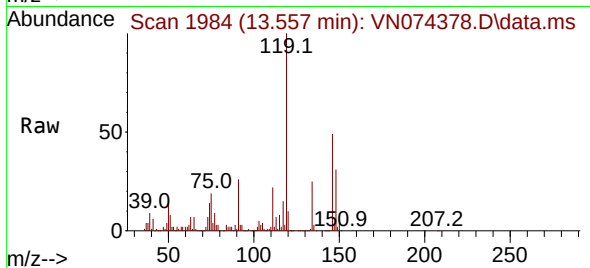
Acq: 09 Sep 2022 16:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion:146 Resp: 494499

Ion Ratio Lower Upper

146 100

111 42.0 21.5 64.5

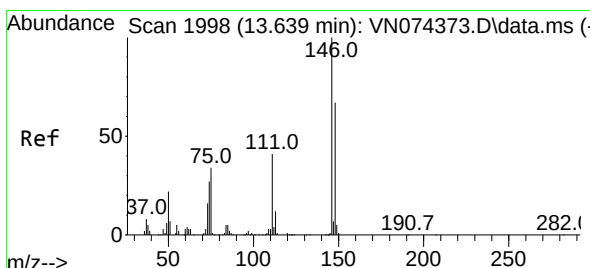
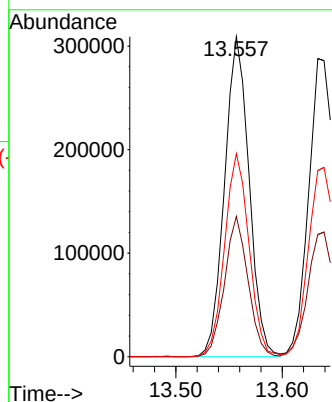
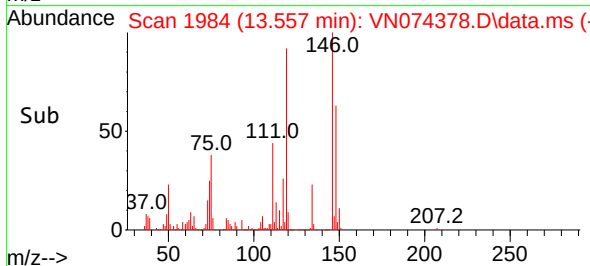
148 63.3 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2022

Supervised By :Mahesh Dadoda 09/12/2022



#88

1,4-Dichlorobenzene

Concen: 48.374 ug/l

RT: 13.633 min Scan# 1997

Delta R.T. -0.006 min

Lab File: VN074378.D

Acq: 09 Sep 2022 16:59

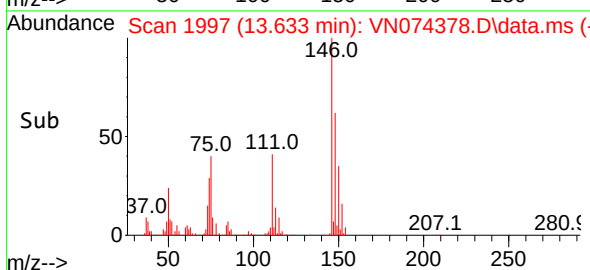
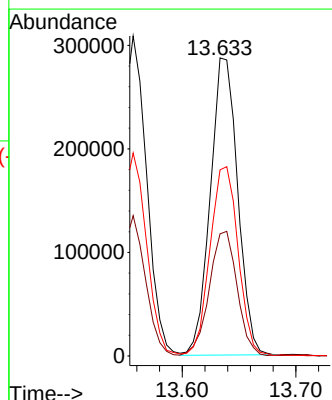
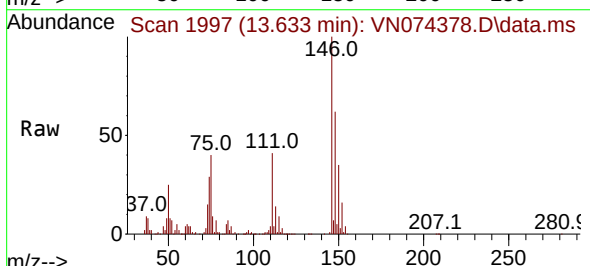
Tgt Ion:146 Resp: 482079

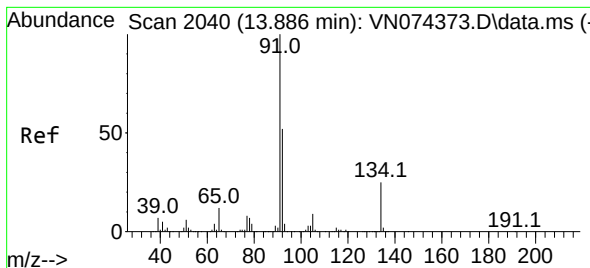
Ion Ratio Lower Upper

146 100

111 42.2 20.8 62.2

148 65.9 32.1 96.5





#89

n-Butylbenzene

Concen: 50.162 ug/l

RT: 13.886 min Scan# 2040

Delta R.T. 0.000 min

Lab File: VN074378.D

Acq: 09 Sep 2022 16:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

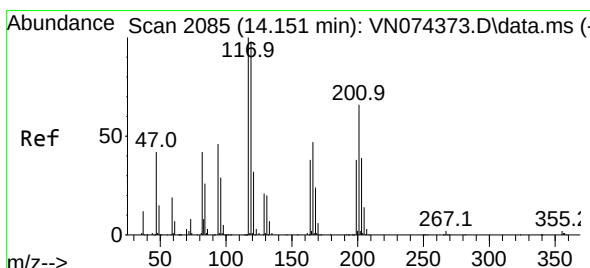
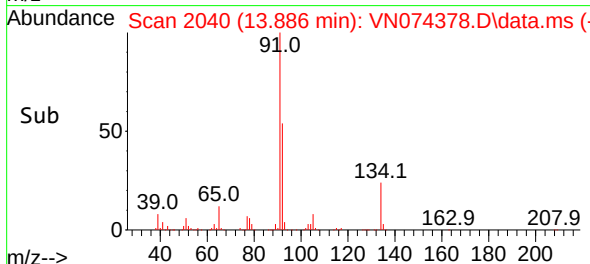
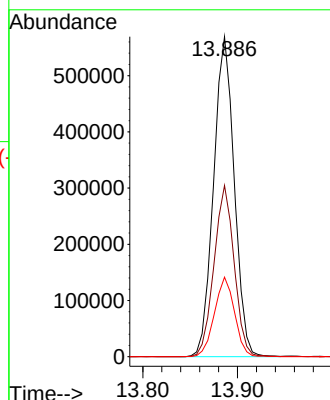
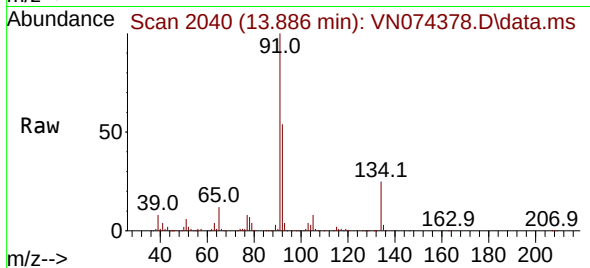
Tgt Ion:	91	Resp:	863174
Ion Ratio	Lower	Upper	
91	100		
92	52.1	25.8	77.4
134	24.2	12.4	37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2022

Supervised By :Mahesh Dadoda 09/12/2022



#90

Hexachloroethane

Concen: 45.469 ug/l

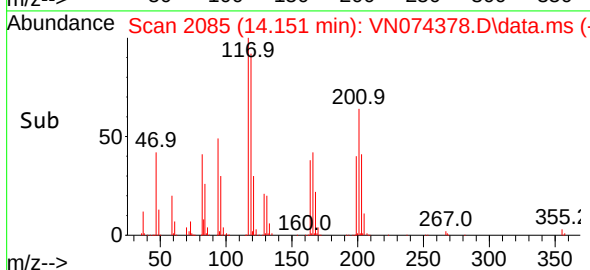
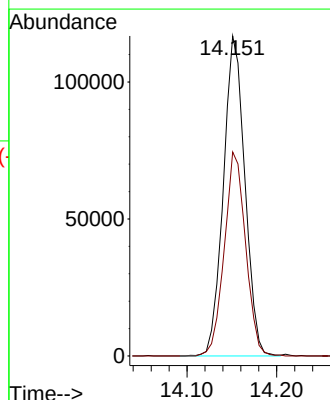
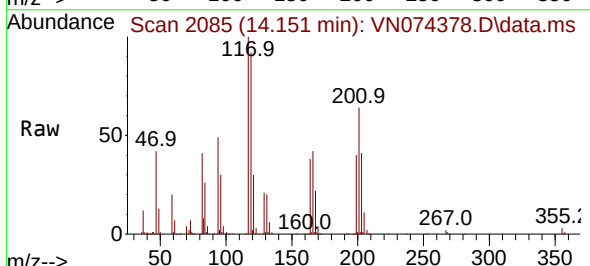
RT: 14.151 min Scan# 2085

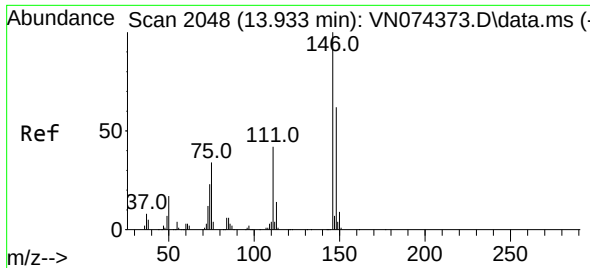
Delta R.T. 0.000 min

Lab File: VN074378.D

Acq: 09 Sep 2022 16:59

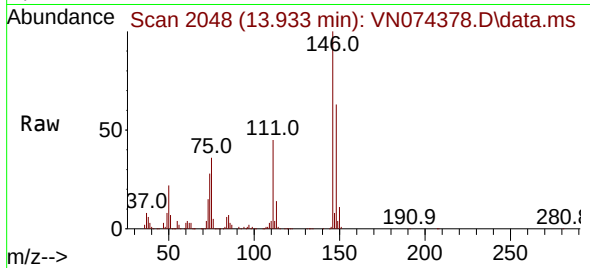
Tgt Ion:	117	Resp:	194243
Ion Ratio	Lower	Upper	
117	100		
201	63.2	32.6	98.0





#91
1,2-Dichlorobenzene
Concen: 48.311 ug/l
RT: 13.933 min Scan# 2048
Delta R.T. 0.000 min
Lab File: VN074378.D
Acq: 09 Sep 2022 16:59

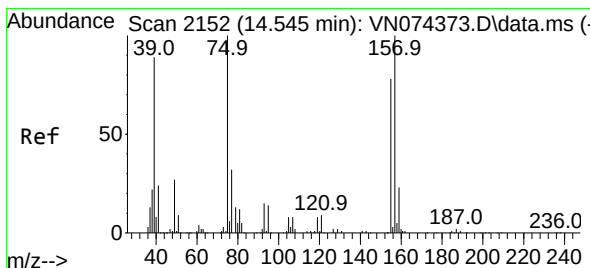
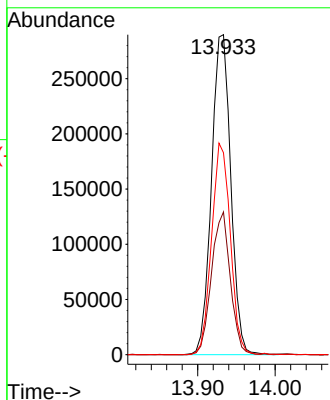
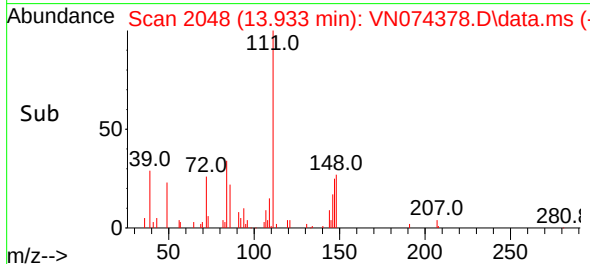
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 50121
Ion Ratio Lower Upper
146 100
111 43.6 21.9 65.7
148 64.1 31.4 94.2

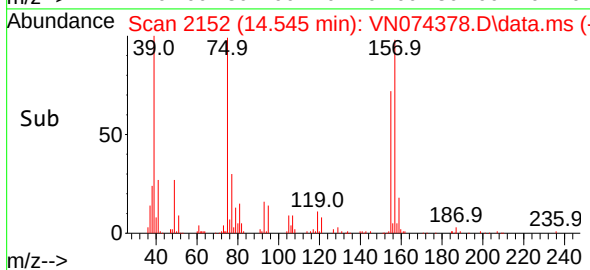
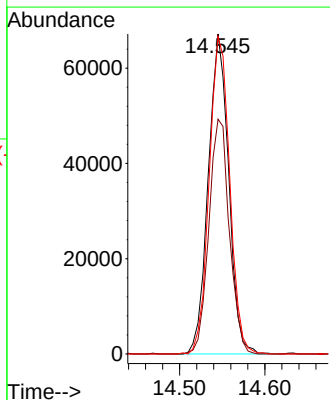
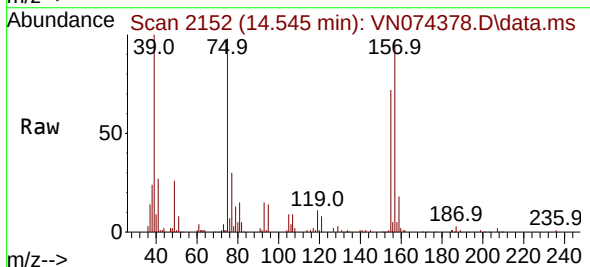
Manual Integrations
APPROVED

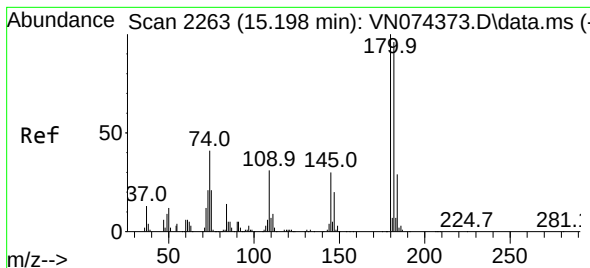
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.986 ug/l
RT: 14.545 min Scan# 2152
Delta R.T. -0.000 min
Lab File: VN074378.D
Acq: 09 Sep 2022 16:59

Tgt Ion: 75 Resp: 111498
Ion Ratio Lower Upper
75 100
155 73.9 36.6 109.9
157 99.9 46.2 138.5





#93

1,2,4-Trichlorobenzene

Concen: 49.774 ug/l

RT: 15.198 min Scan# 2263

Delta R.T. 0.000 min

Lab File: VN074378.D

Acq: 09 Sep 2022 16:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 25732

Ion Ratio Lower Upper

180 100

182 98.7 47.4 142.2

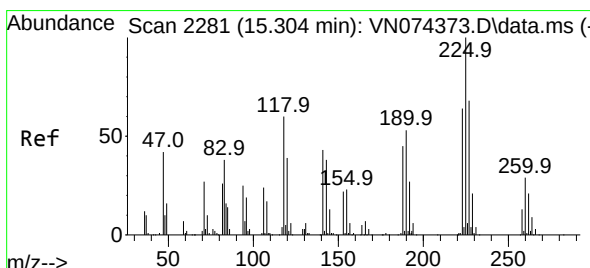
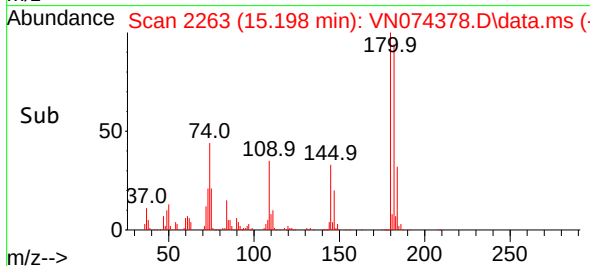
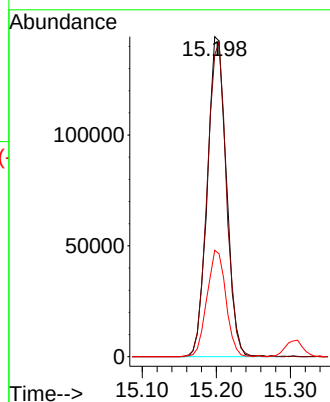
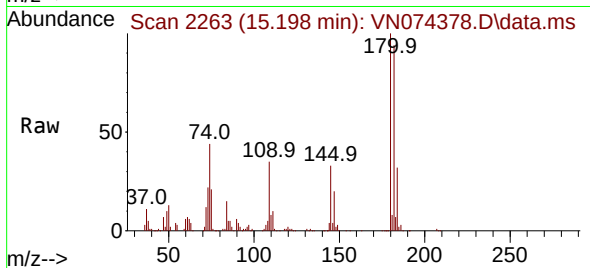
145 33.1 16.1 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2022

Supervised By :Mahesh Dadoda 09/12/2022



#94

Hexachlorobutadiene

Concen: 45.805 ug/l

RT: 15.304 min Scan# 2281

Delta R.T. 0.000 min

Lab File: VN074378.D

Acq: 09 Sep 2022 16:59

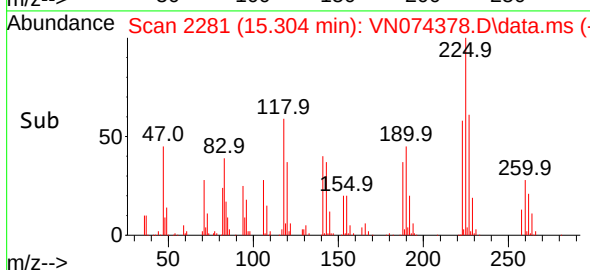
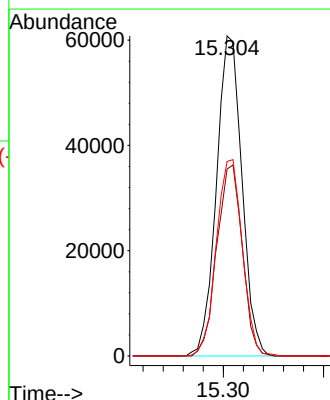
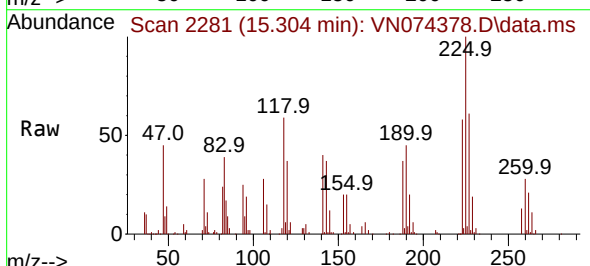
Tgt Ion:225 Resp: 107328

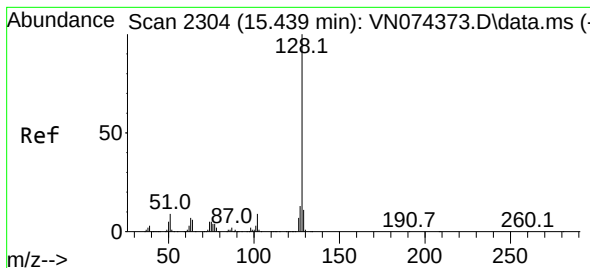
Ion Ratio Lower Upper

225 100

223 59.5 31.6 94.8

227 62.4 31.8 95.4





#95

Naphthalene

Concen: 54.550 ug/l

RT: 15.439 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN074378.D

Acq: 09 Sep 2022 16:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 1103324

Ion Ratio Lower Upper

128 100

127 13.4 10.6 16.0

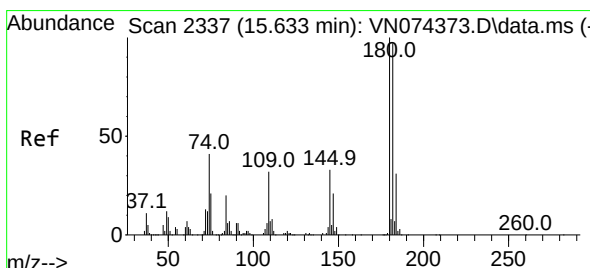
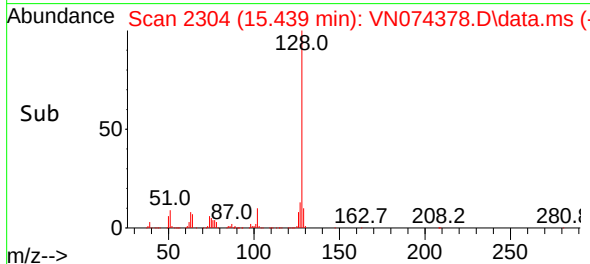
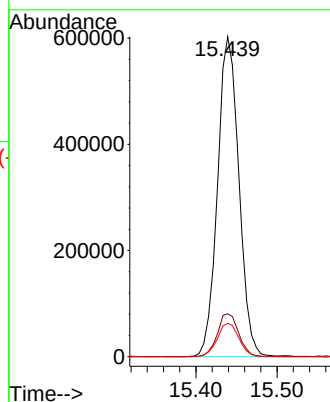
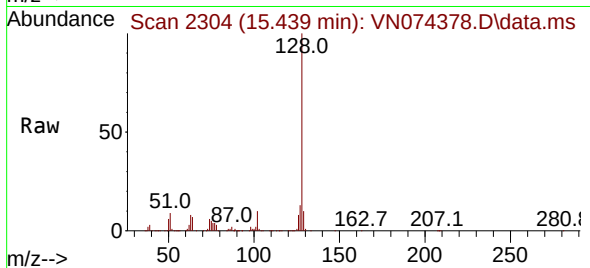
129 10.6 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2022

Supervised By :Mahesh Dadoda 09/12/2022



#96

1,2,3-Trichlorobenzene

Concen: 51.214 ug/l

RT: 15.633 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VN074378.D

Acq: 09 Sep 2022 16:59

Tgt Ion:180 Resp: 273988

Ion Ratio Lower Upper

180 100

182 93.9 47.6 142.8

145 34.3 17.3 52.0

