

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090822\
 Data File : VN074354.D
 Acq On : 08 Sep 2022 13:12
 Operator : JC\MD
 Sample : VSTDIC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Quant Time: Sep 08 13:45:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090822W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Sep 08 13:42:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.575	128	71868	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.904	114	426743	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.686	117	402316	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.369	65	228195	34.874	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 116.233%#	
60) 4-Bromofluorobenzene	12.674	95	246576	33.695	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 112.333%#	
63) Toluene-d8	10.380	98	678505	30.100	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 100.333%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	248003	49.739	ug/l	99
3) Chloromethane	2.263	50	332462	50.176	ug/l	99
4) Vinyl Chloride	2.404	62	380746	48.170	ug/l	99
5) Bromomethane	2.775	94	217835	51.782	ug/l	96
6) Chloroethane	2.946	64	255413	47.722	ug/l	98
7) Trichlorofluoromethane	3.304	101	417987	51.865	ug/l	100
8) Diethyl Ether	3.757	74	175936	53.045	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.140	101	248934	51.744	ug/l	74
10) 1,1-Dichloroethene	4.110	96	235091	50.426	ug/l	83
11) Methyl Iodide	4.345	142	304209	55.257	ug/l	95
12) Methyl Acetate	4.769	43	507481	61.540	ug/l	94
13) Acrolein	3.975	56	368614	271.598	ug/l	98
14) Acrylonitrile	5.469	53	1029148	281.638	ug/l	98
15) Acetone	4.222	58	266429	263.252	ug/l	98
16) Carbon Disulfide	4.451	76	680239	53.117	ug/l	96
17) Allyl chloride	4.757	41	524625	63.870	ug/l	94
18) Methylene Chloride	5.004	84	292382	50.101	ug/l	90
19) trans-1,2-Dichloroethene	5.510	96	274643	53.720	ug/l	96
20) Diisopropyl ether	6.410	45	1087213	61.640	ug/l	97
21) 1,1-Dichloroethane	6.298	63	560243	55.520	ug/l	99
22) cis-1,2-Dichloroethene	7.245	96	332812	53.177	ug/l	96
23) tert-Butyl Alcohol	5.287	59	457579	330.859	ug/l #	100
24) Methyl tert-Butyl Ether	5.528	73	1016637	59.605	ug/l	99
25) Chloroform	7.745	83	578823	55.966	ug/l	99
26) Cyclohexane	8.022	56	516610	57.889	ug/l #	95
29) 1,1-Dichloropropene	8.145	75	434465	53.512	ug/l	95
30) 2-Butanone	7.257	43	1524666	269.821	ug/l	95
31) 2,2-Dichloropropane	7.245	77	509097	57.510	ug/l	98
32) 1,1,1-Trichloroethane	7.939	97	523621	55.330	ug/l	97
33) Carbon Tetrachloride	8.133	117	455297	55.956	ug/l	99
34) Benzene	8.392	78	1309884	50.551	ug/l	99
35) Methacrylonitrile	7.569	41	321408	70.817	ug/l	91
36) 1,2-Dichloroethane	8.463	62	470426	54.028	ug/l	99
37) Trichloroethene	9.151	130	299395	47.445	ug/l	89
38) Methylcyclohexane	9.392	83	543270	53.744	ug/l	96
39) 1,2-Dichloropropane	9.428	63	332240	50.575	ug/l	95
40) Dibromomethane	9.516	93	232211	52.076	ug/l	98
41) Bromodichloromethane	9.698	83	463603	52.678	ug/l #	97
42) Vinyl Acetate	6.345	43	5004170	298.526	ug/l	99

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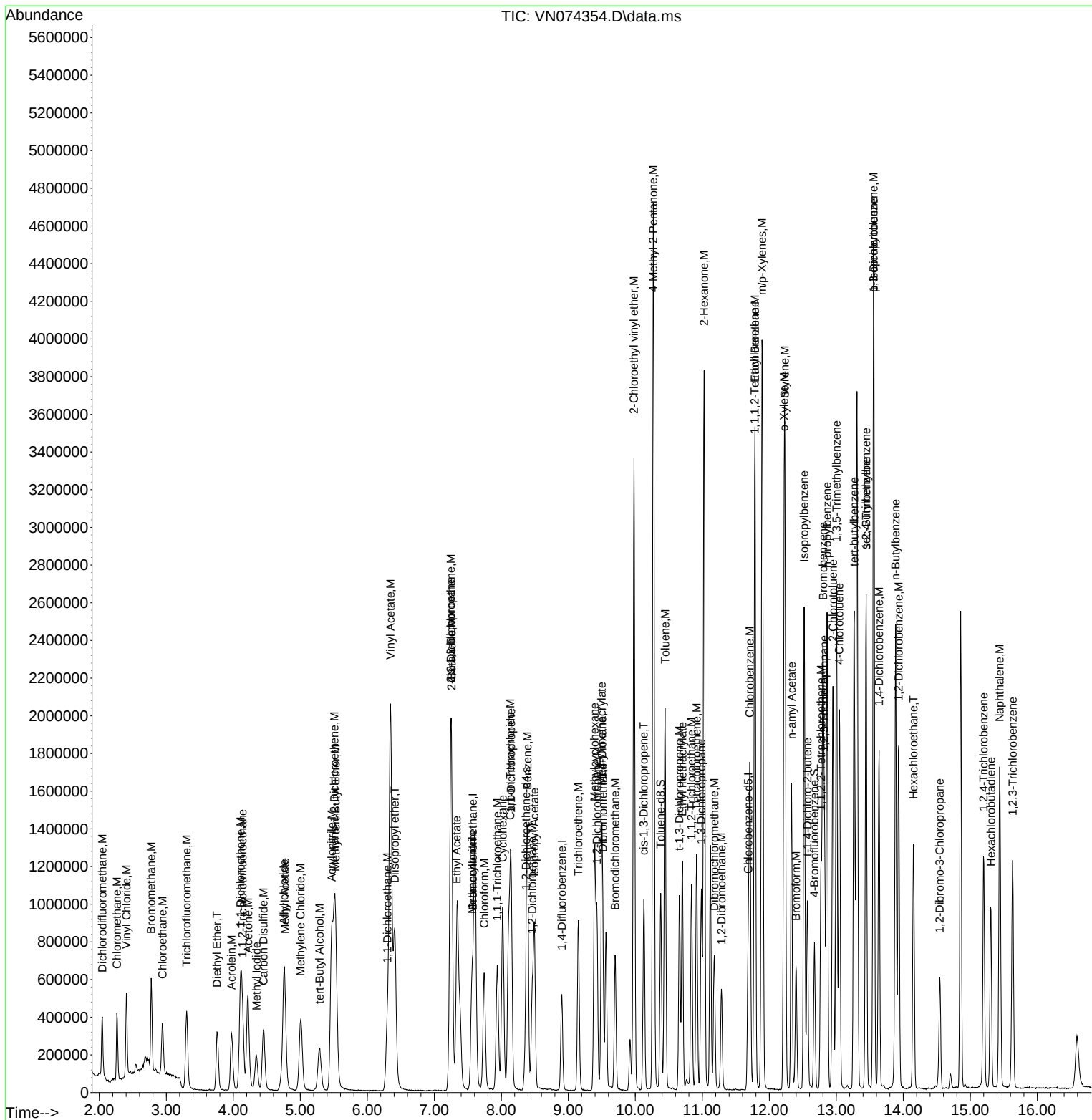
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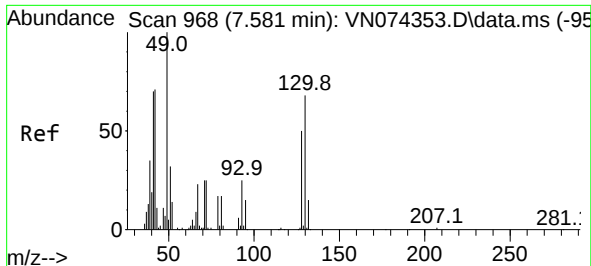
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.334	43	618555	56.210	ug/l	98
44) Isopropyl Acetate	8.492	43	955180	61.551	ug/l	98
45) 1,4-Dioxane	9.504	88	178187	1018.469	ug/l	92
46) Methyl methacrylate	9.498	41	400973	58.376	ug/l	92
47) n-amyl Acetate	12.333	43	876784	68.091	ug/l	95
48) t-1,3-Dichloropropene	10.657	75	549905	58.588	ug/l	98
49) cis-1,3-Dichloropropene	10.127	75	566071	55.658	ug/l	95
50) 1,1,2-Trichloroethane	10.839	97	327482	49.419	ug/l	93
51) Ethyl methacrylate	10.704	69	595787	57.083	ug/l	95
52) 1,3-Dichloropropane	10.986	76	582789	51.491	ug/l	99
53) Dibromochloromethane	11.180	129	360794	52.831	ug/l	99
54) 1,2-Dibromoethane	11.286	107	350492	51.401	ug/l	98
55) 2-Chloroethyl vinyl ether	9.980	63	1417655	301.319	ug/l	98
56) Bromoform	12.398	173	275572	51.709	ug/l #	99
58) 4-Methyl-2-Pentanone	10.269	43	3150113	290.165	ug/l	98
59) 2-Hexanone	11.027	43	2472672	294.804	ug/l	99
61) Tetrachloroethene	10.916	164	247770	41.929	ug/l	97
62) Toluene	10.445	91	1460198	51.763	ug/l	99
64) Chlorobenzene	11.710	112	862662	51.084	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.780	131	323279	51.073	ug/l	98
66) Ethyl Benzene	11.786	91	1645512	53.775	ug/l	98
67) m/p-Xylenes	11.892	106	1248041	106.854	ug/l	98
68) o-Xylene	12.221	106	631972	54.212	ug/l	99
69) Styrene	12.233	104	1054079	55.279	ug/l	98
70) Isopropylbenzene	12.521	105	1656308	55.505	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.774	83	574177	55.053	ug/l	99
72) 1,2,3-Trichloropropane	12.821	75	770326	84.267	ug/l	47
73) Bromobenzene	12.804	156	360281	50.120	ug/l	85
74) n-propylbenzene	12.863	91	1969301	56.866	ug/l	99
75) 2-Chlorotoluene	12.951	91	1169312	56.496	ug/l	97
76) 1,3,5-Trimethylbenzene	13.004	105	1421288	57.181	ug/l	97
77) t-1,4-Dichloro-2-butene	12.568	75	216244	64.425	ug/l	95
78) 4-Chlorotoluene	13.045	91	1173858	58.808	ug/l	95
79) tert-butylbenzene	13.268	119	1259974	57.799	ug/l	98
80) 1,2,4-Trimethylbenzene	13.445	105	1799290	72.665	ug/l	100
81) sec-Butylbenzene	13.445	105	1798570	58.269	ug/l	100
82) p-Isopropyltoluene	13.557	119	1478825	58.264	ug/l	99
83) 1,3-Dichlorobenzene	13.557	146	704848	53.396	ug/l	100
84) 1,4-Dichlorobenzene	13.639	146	703409	55.100	ug/l	99
85) n-Butylbenzene	13.886	91	1290052	61.226	ug/l	98
86) Hexachloroethane	14.151	117	277616	58.387	ug/l	96
87) 1,2-Dichlorobenzene	13.933	146	714536	53.546	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.545	75	142750	60.580	ug/l	97
89) 1,2,4-Trichlorobenzene	15.198	180	357726	48.321	ug/l	100
90) Hexachlorobutadiene	15.309	225	157828	43.517	ug/l	98
91) Naphthalene	15.439	128	1490681	59.027	ug/l	99
92) 1,2,3-Trichlorobenzene	15.633	180	370444	49.382	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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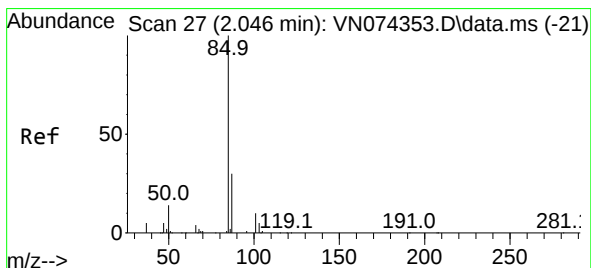
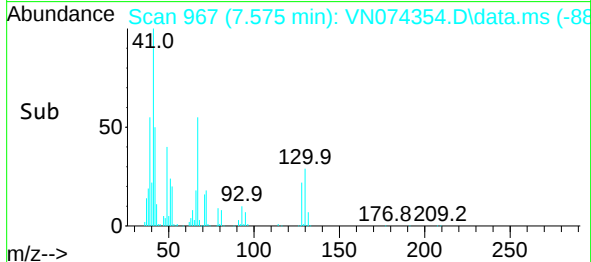
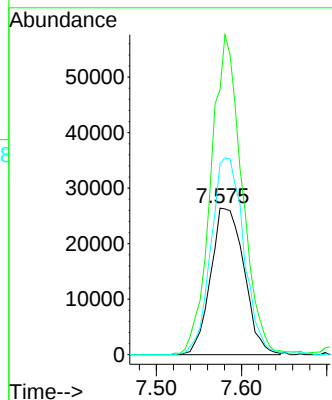
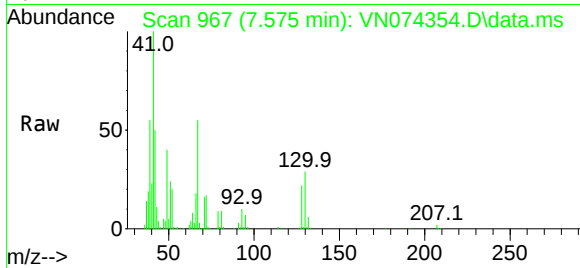




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.575 min Scan# 9
Delta R.T. -0.006 min
Lab File: VN074354.D
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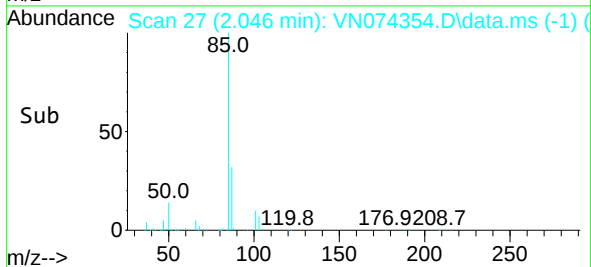
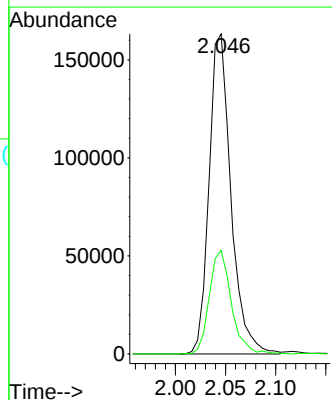
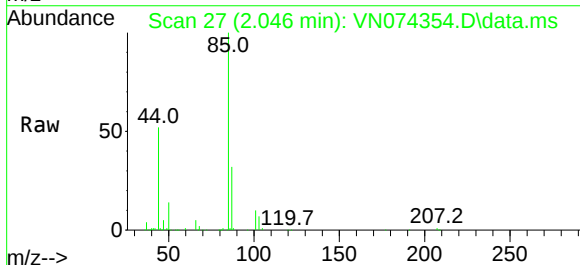
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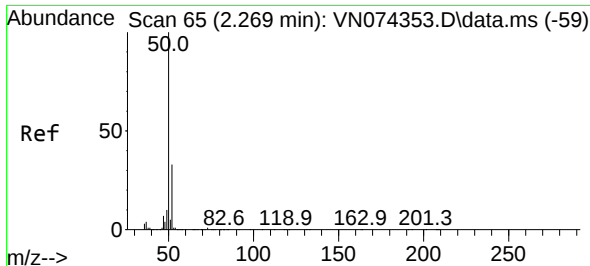
Tgt Ion:128 Resp: 71868
Ion Ratio Lower Upper
128 100
49 204.1 0.0 392.3
130 132.5 0.0 320.2



#2
Dichlorodifluoromethane
Concen: 49.739 ug/l
RT: 2.046 min Scan# 27
Delta R.T. 0.000 min
Lab File: VN074354.D
Acq: 08 Sep 2022 13:12

Tgt Ion: 85 Resp: 248003
Ion Ratio Lower Upper
85 100
87 32.4 16.6 49.7

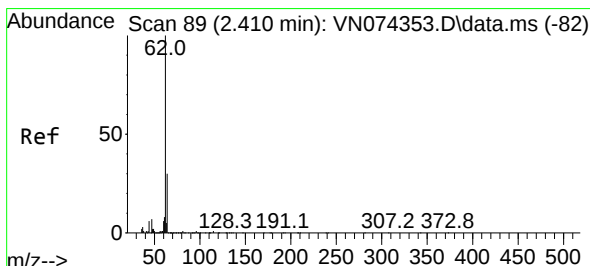
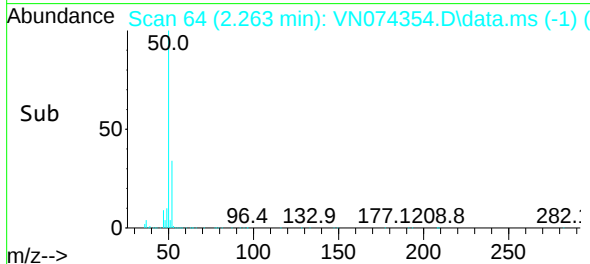
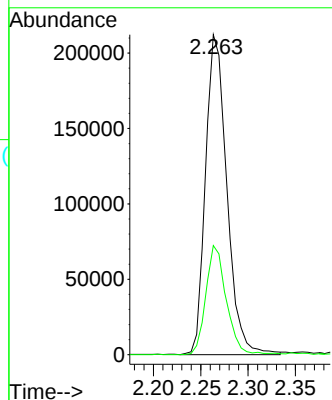
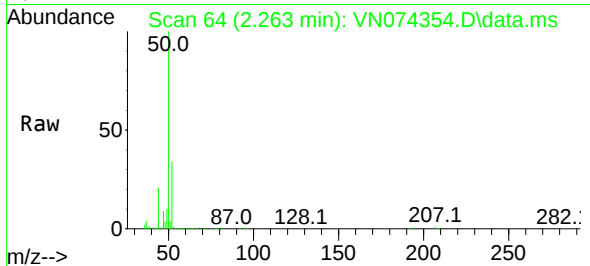




#3
Chloromethane
Concen: 50.176 ug/l
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN074354.D
Acq: 08 Sep 2022 13:12

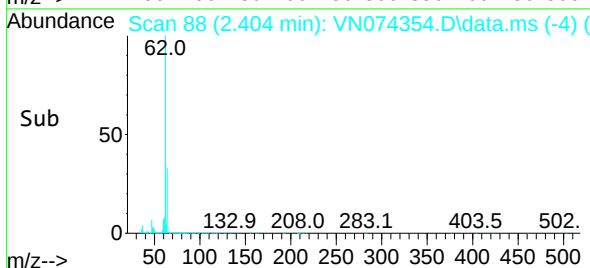
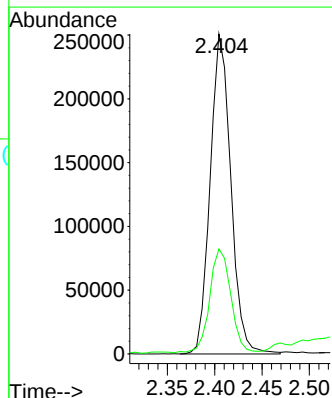
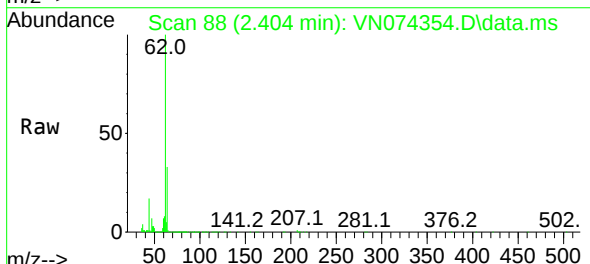
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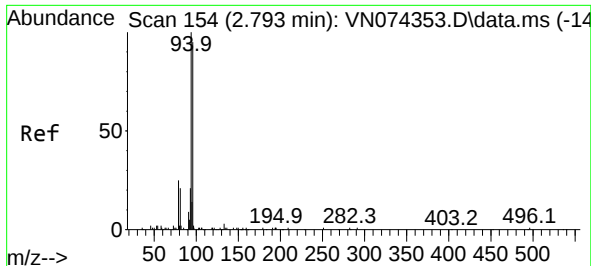
Tgt Ion: 50 Resp: 332462
Ion Ratio Lower Upper
50 100
52 34.1 27.8 41.6



#4
Vinyl Chloride
Concen: 48.170 ug/l
RT: 2.404 min Scan# 88
Delta R.T. -0.006 min
Lab File: VN074354.D
Acq: 08 Sep 2022 13:12

Tgt Ion: 62 Resp: 380746
Ion Ratio Lower Upper
62 100
64 32.1 25.1 37.7

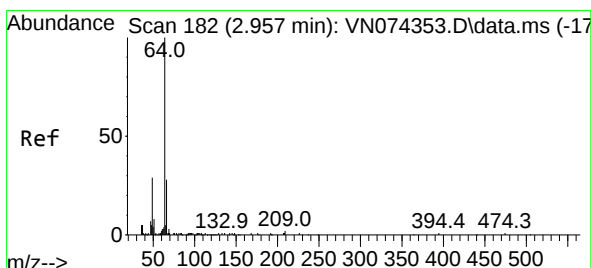
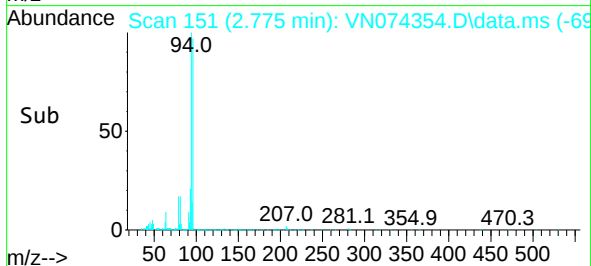
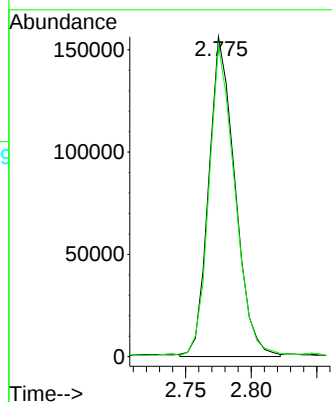
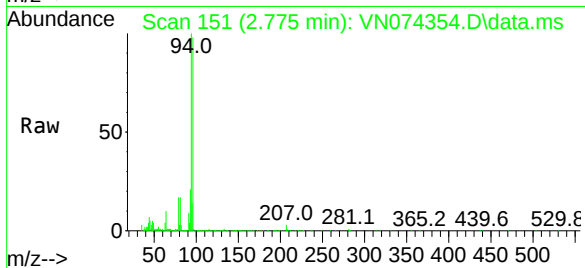




#5
Bromomethane
Concen: 51.782 ug/l
RT: 2.775 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN074354.D
Acq: 08 Sep 2022 13:12

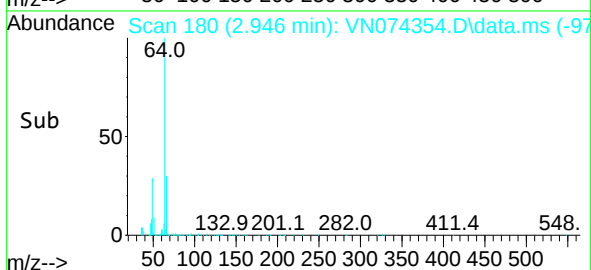
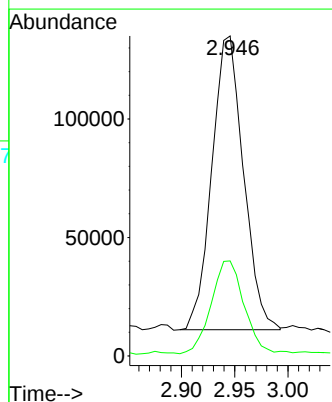
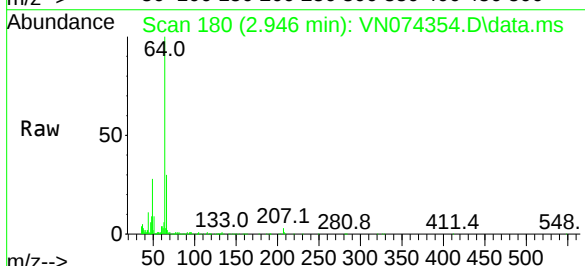
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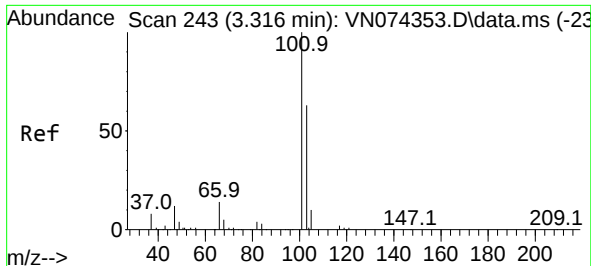
Tgt Ion: 94 Resp: 217835
Ion Ratio Lower Upper
94 100
96 97.8 75.2 112.8



#6
Chloroethane
Concen: 47.722 ug/l
RT: 2.946 min Scan# 180
Delta R.T. -0.012 min
Lab File: VN074354.D
Acq: 08 Sep 2022 13:12

Tgt Ion: 64 Resp: 255413
Ion Ratio Lower Upper
64 100
66 31.5 24.6 36.8

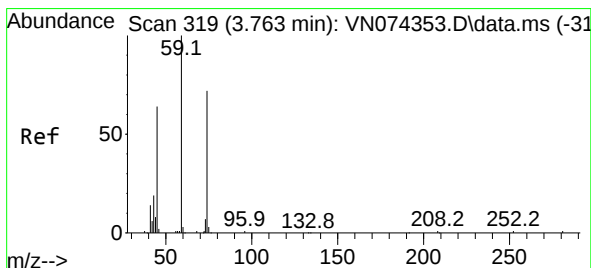
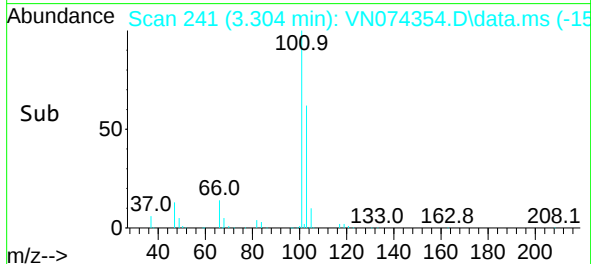
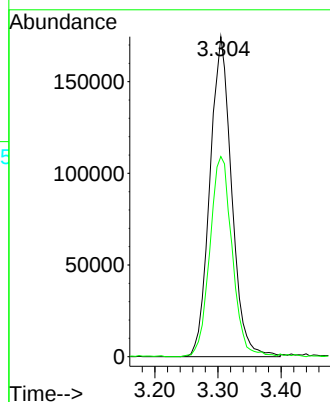
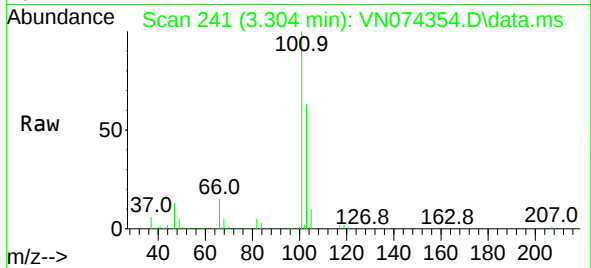




#7
 Trichlorofluoromethane
 Concen: 51.865 ug/l
 RT: 3.304 min Scan# 243
 Delta R.T. -0.012 min
 Lab File: VN074354.D
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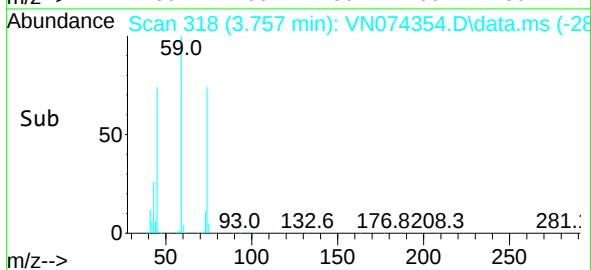
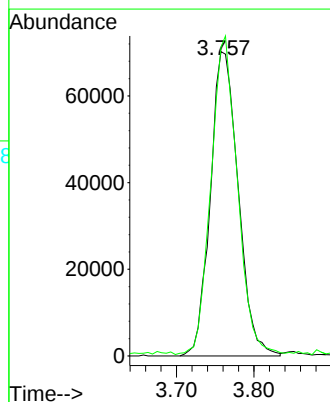
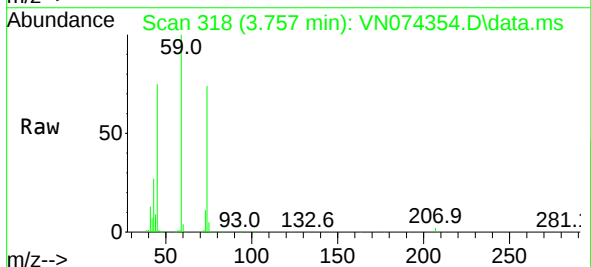
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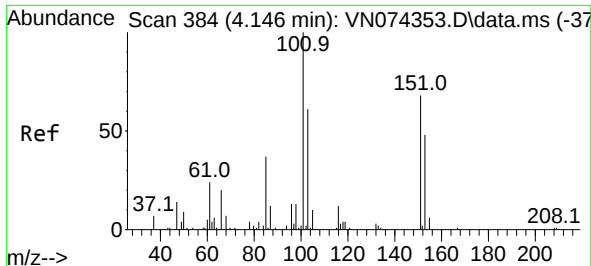
Tgt Ion:101 Resp: 417987
 Ion Ratio Lower Upper
 101 100
 103 62.6 50.1 75.1



#8
 Diethyl Ether
 Concen: 53.045 ug/l
 RT: 3.757 min Scan# 318
 Delta R.T. -0.006 min
 Lab File: VN074354.D
 Acq: 08 Sep 2022 13:12

Tgt Ion: 74 Resp: 175936
 Ion Ratio Lower Upper
 74 100
 45 99.1 17.6 158.8

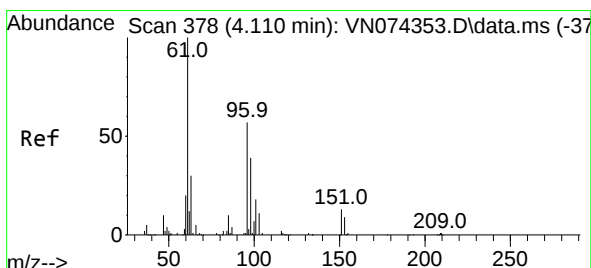
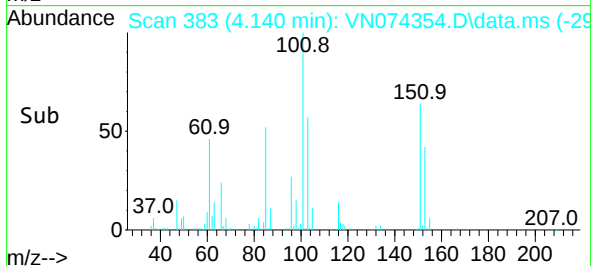
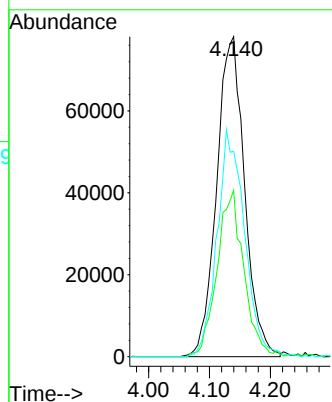
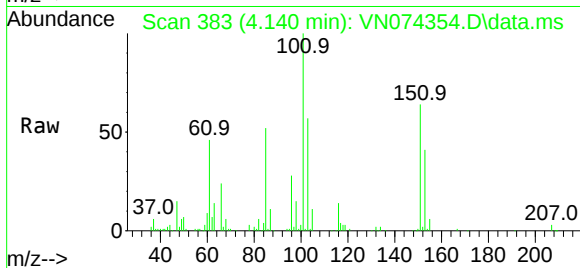




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.744 ug/l
RT: 4.140 min Scan# 384
Delta R.T. -0.006 min
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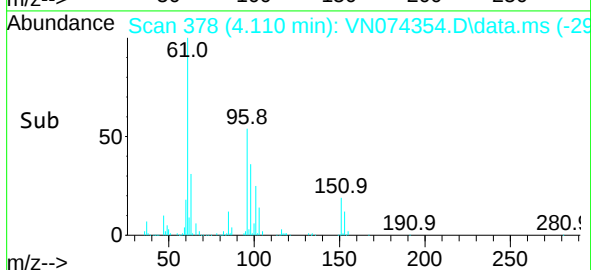
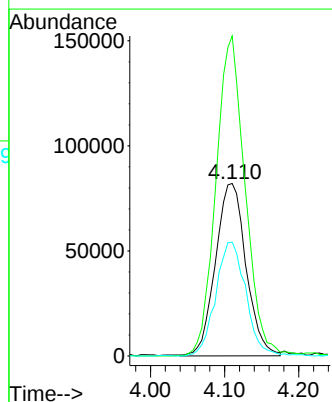
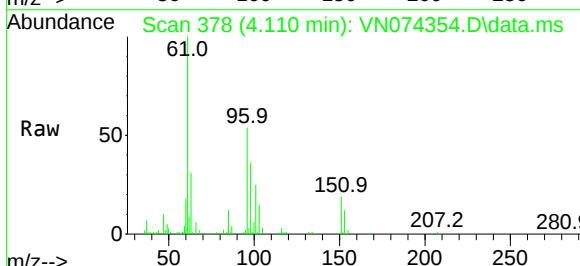
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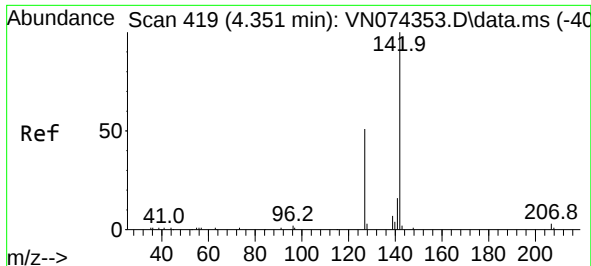
Tgt Ion:101 Resp: 248934
Ion Ratio Lower Upper
101 100
85 49.4 0.0 94.0
151 69.7 0.0 74.6



#10
1,1-Dichloroethene
Concen: 50.426 ug/l
RT: 4.110 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN074354.D
Acq: 08 Sep 2022 13:12

Tgt Ion: 96 Resp: 235091
Ion Ratio Lower Upper
96 100
61 186.2 126.2 189.4
98 66.3 50.9 76.3

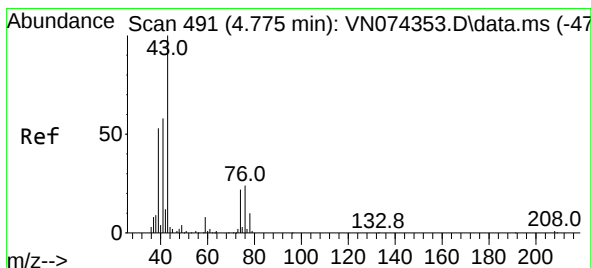
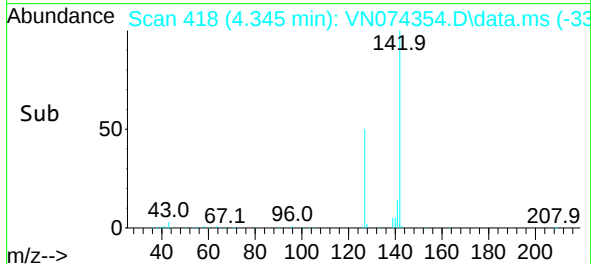
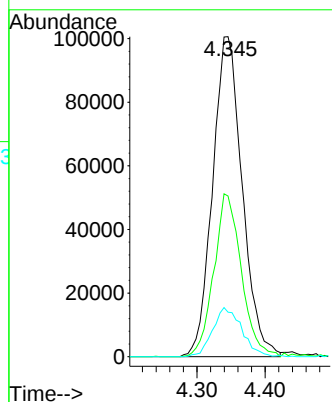
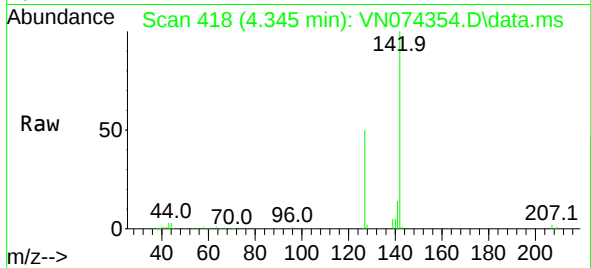




#11
Methyl Iodide
Concen: 55.257 ug/l
RT: 4.345 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN074354.D
Acq: 08 Sep 2022 13:12

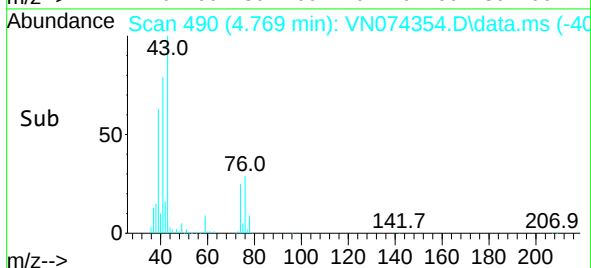
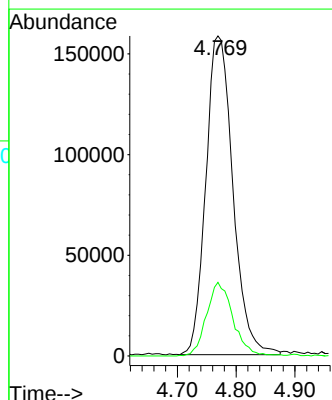
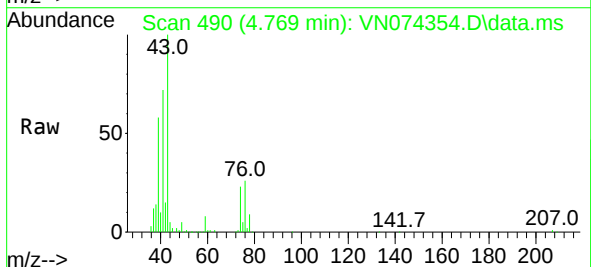
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

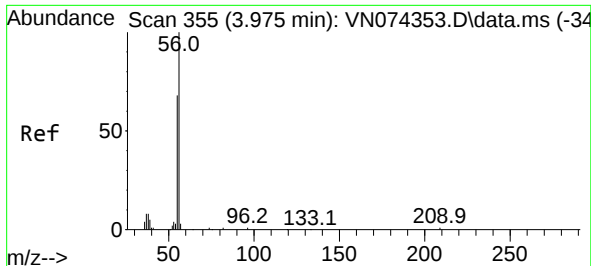
Tgt Ion:142 Resp: 304209
Ion Ratio Lower Upper
142 100
127 50.6 24.0 72.0
141 13.8 8.4 25.2



#12
Methyl Acetate
Concen: 61.540 ug/l
RT: 4.769 min Scan# 490
Delta R.T. -0.006 min
Lab File: VN074354.D
Acq: 08 Sep 2022 13:12

Tgt Ion: 43 Resp: 507481
Ion Ratio Lower Upper
43 100
74 22.9 20.8 31.2

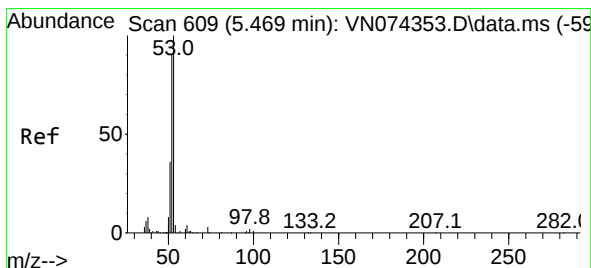
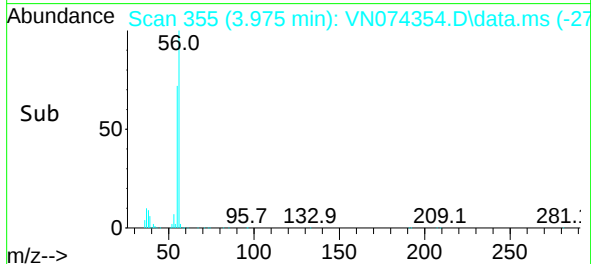
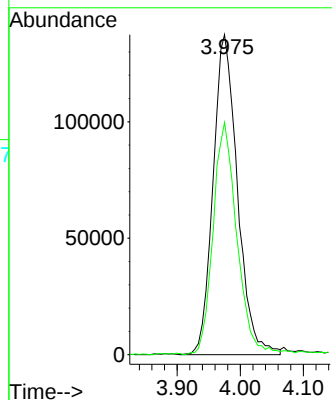
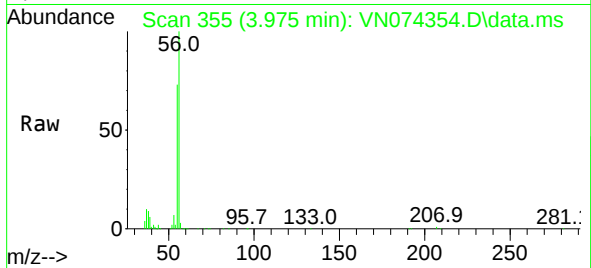




#13
Acrolein
Concen: 271.598 ug/l
RT: 3.975 min Scan# 355
Delta R.T. 0.000 min
Lab File: VN074354.D
Acq: 08 Sep 2022 13:12

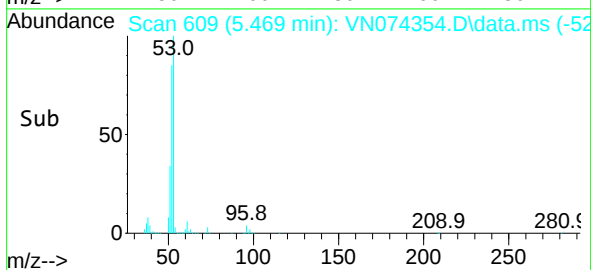
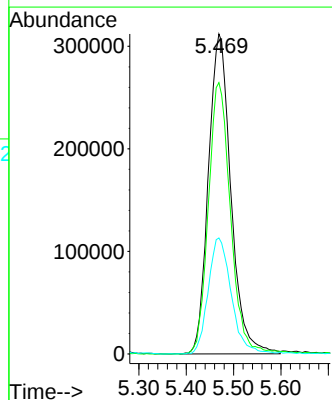
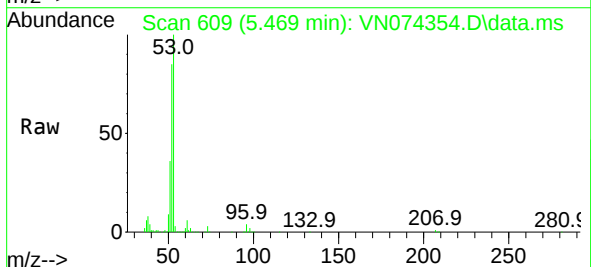
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

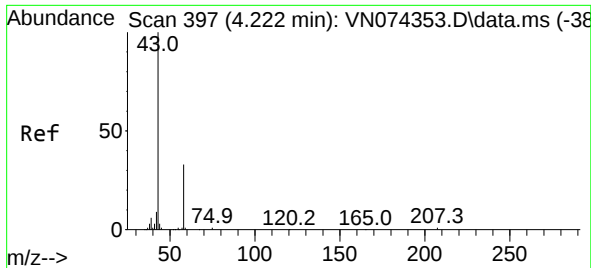
Tgt Ion: 56 Resp: 368614
Ion Ratio Lower Upper
56 100
55 70.3 57.6 86.4



#14
Acrylonitrile
Concen: 281.638 ug/l
RT: 5.469 min Scan# 609
Delta R.T. 0.000 min
Lab File: VN074354.D
Acq: 08 Sep 2022 13:12

Tgt Ion: 53 Resp: 1029148
Ion Ratio Lower Upper
53 100
52 82.0 41.8 125.4
51 37.1 19.0 57.0

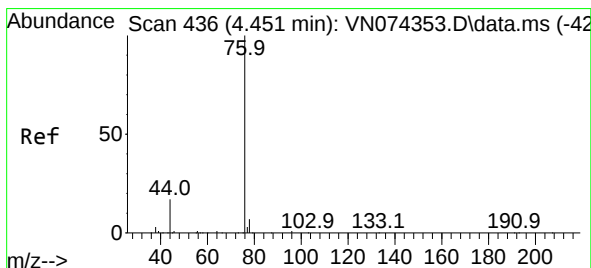
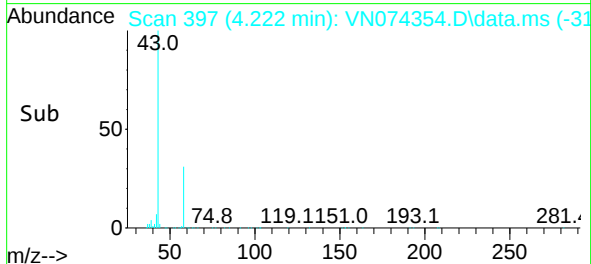
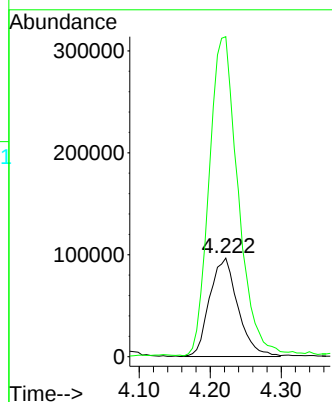
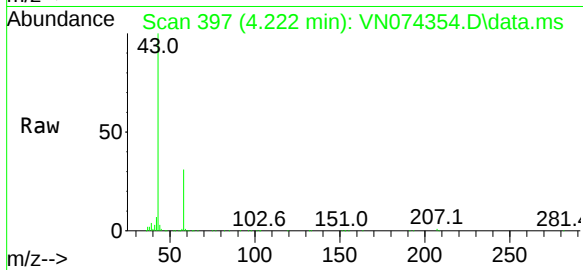




#15
Acetone
Concen: 263.252 ug/l
RT: 4.222 min Scan# 397
Delta R.T. 0.000 min
Lab File: VN074354.D
Acq: 08 Sep 2022 13:12

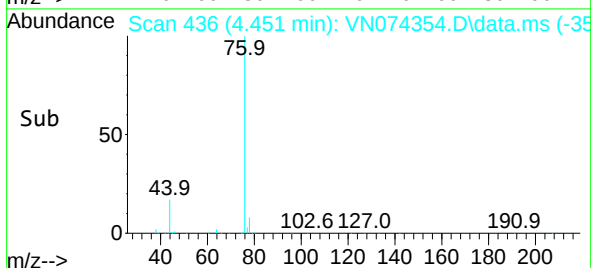
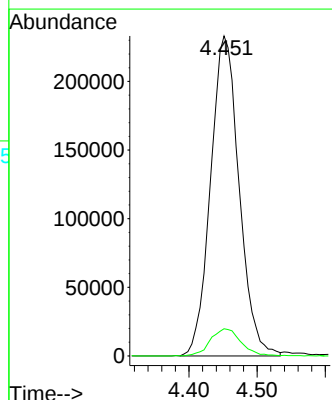
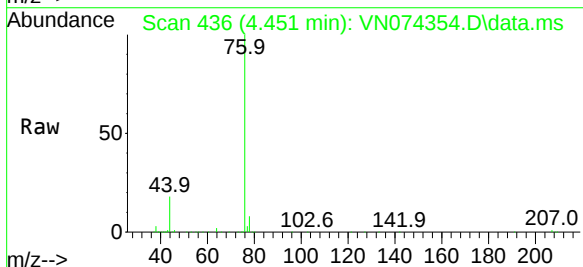
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

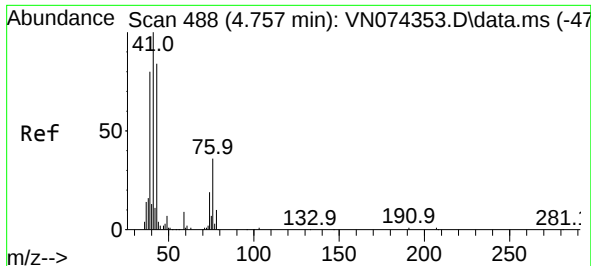
Tgt Ion: 58 Resp: 266429
Ion Ratio Lower Upper
58 100
43 324.1 256.6 384.8



#16
Carbon Disulfide
Concen: 53.117 ug/l
RT: 4.451 min Scan# 436
Delta R.T. 0.000 min
Lab File: VN074354.D
Acq: 08 Sep 2022 13:12

Tgt Ion: 76 Resp: 680239
Ion Ratio Lower Upper
76 100
78 8.4 7.8 11.8

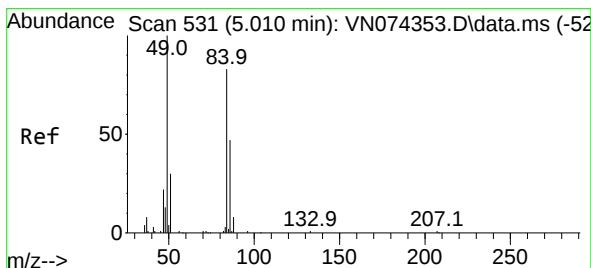
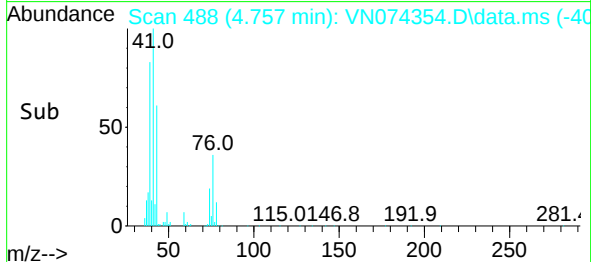
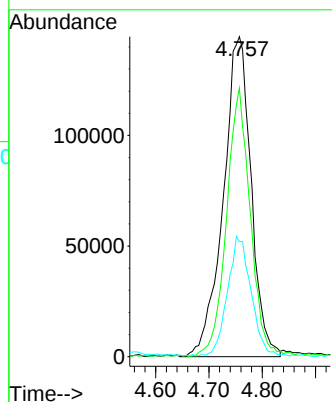
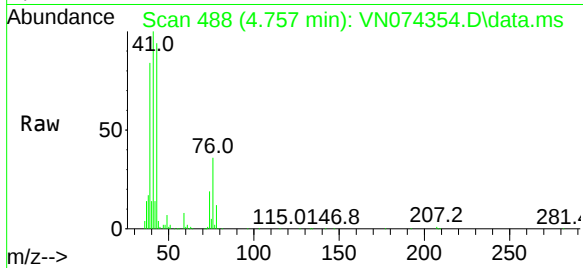




#17
 Allyl chloride
 Concen: 63.870 ug/l
 RT: 4.757 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VN074354.D
 Acq: 08 Sep 2022 13:12

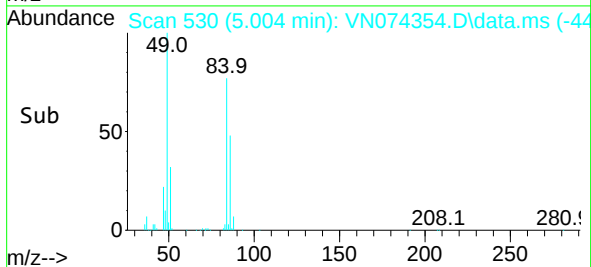
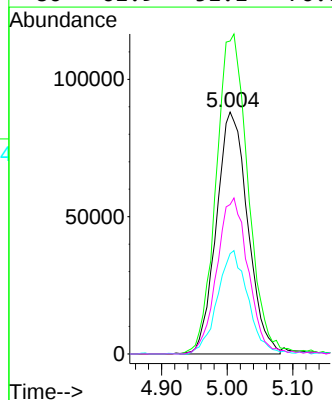
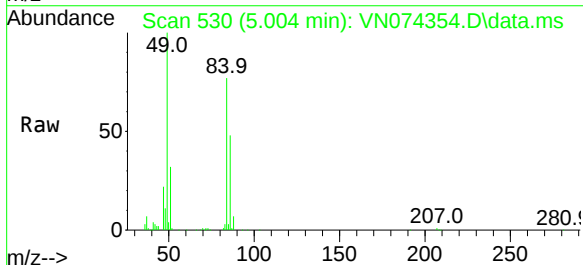
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

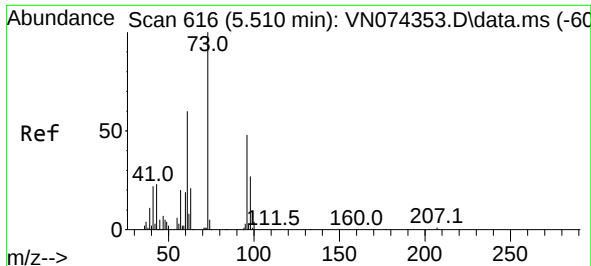
Tgt Ion: 41 Resp: 524625
 Ion Ratio Lower Upper
 41 100
 39 83.4 44.6 134.0
 76 35.5 19.6 58.7



#18
 Methylene Chloride
 Concen: 50.101 ug/l
 RT: 5.004 min Scan# 530
 Delta R.T. -0.006 min
 Lab File: VN074354.D
 Acq: 08 Sep 2022 13:12

Tgt Ion: 84 Resp: 292382
 Ion Ratio Lower Upper
 84 100
 49 129.6 91.4 137.0
 51 41.5 29.4 44.0
 86 61.9 51.1 76.7





#19

trans-1,2-Dichloroethene

Concen: 53.720 ug/l

RT: 5.510 min Scan# 616

Delta R.T. 0.000 min

Lab File: VN074354.D

Acq: 08 Sep 2022 13:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

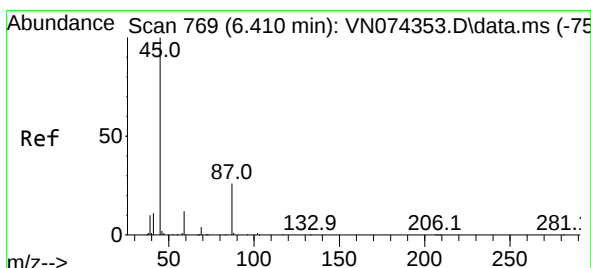
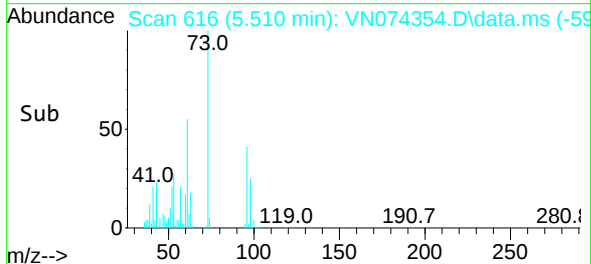
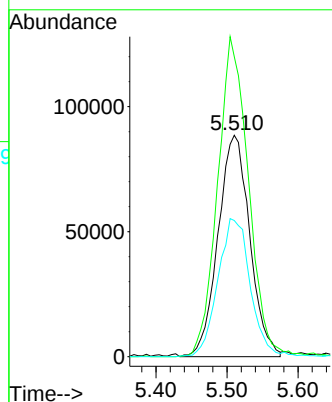
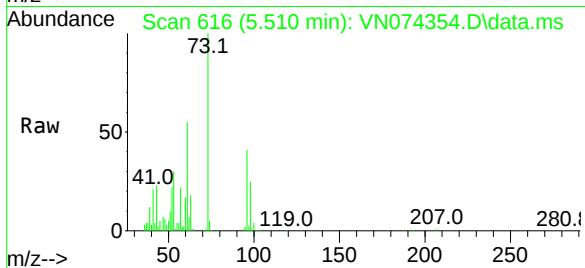
Tgt Ion: 96 Resp: 274643

Ion Ratio Lower Upper

96 100

61 135.2 102.8 154.2

98 61.2 49.3 73.9



#20

Diisopropyl ether

Concen: 61.640 ug/l

RT: 6.410 min Scan# 769

Delta R.T. 0.000 min

Lab File: VN074354.D

Acq: 08 Sep 2022 13:12

Tgt Ion: 45 Resp: 1087213

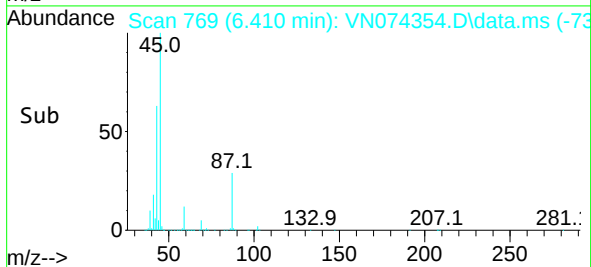
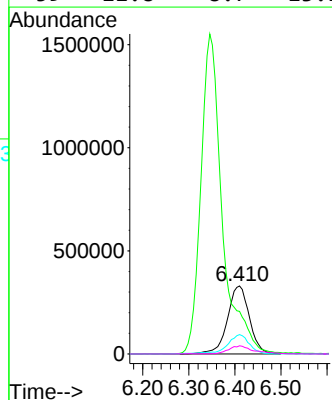
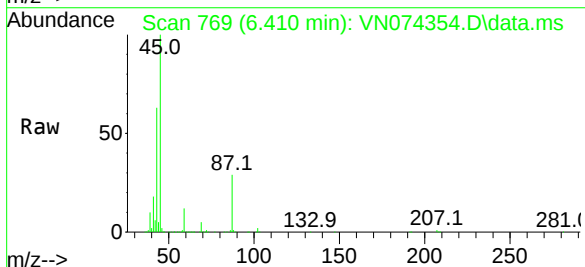
Ion Ratio Lower Upper

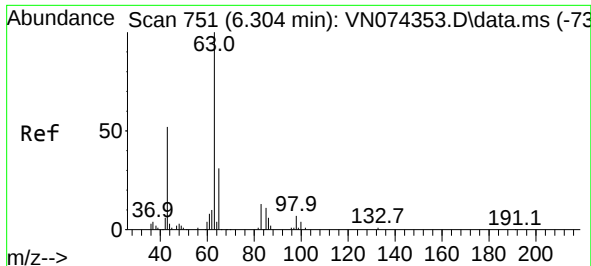
45 100

43 61.5 51.0 76.4

87 28.2 25.0 37.4

59 11.8 8.7 13.1





#21

1,1-Dichloroethane

Concen: 55.520 ug/l

RT: 6.298 min Scan# 750

Delta R.T. -0.006 min

Lab File: VN074354.D

Acq: 08 Sep 2022 13:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

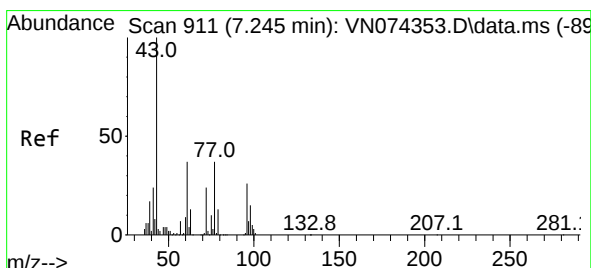
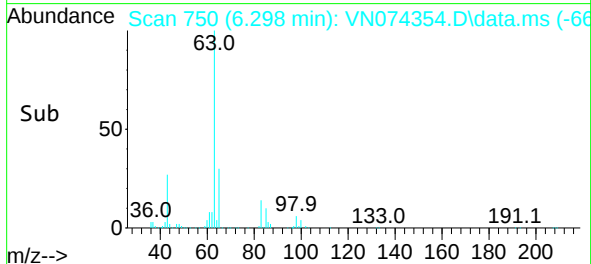
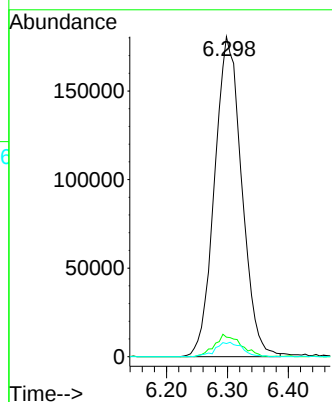
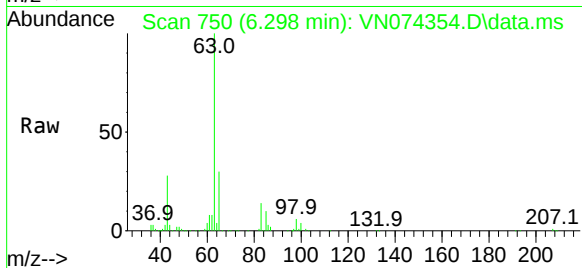
Tgt Ion: 63 Resp: 560243

Ion Ratio Lower Upper

63 100

98 6.1 3.2 9.6

100 4.1 2.1 6.2



#22

cis-1,2-Dichloroethene

Concen: 53.177 ug/l

RT: 7.245 min Scan# 911

Delta R.T. 0.000 min

Lab File: VN074354.D

Acq: 08 Sep 2022 13:12

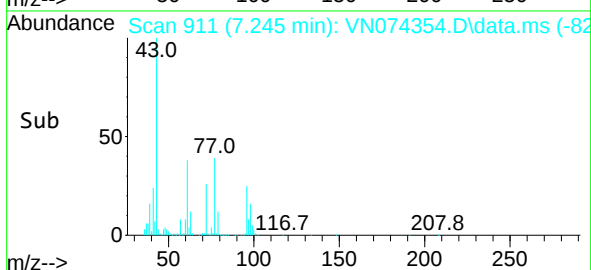
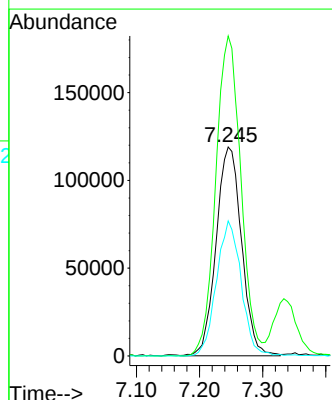
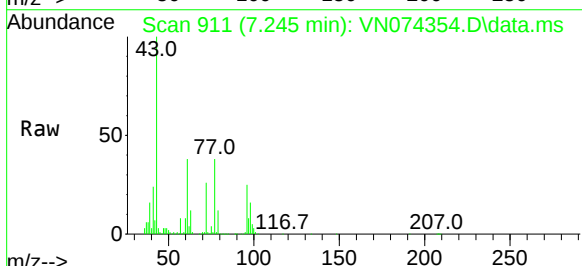
Tgt Ion: 96 Resp: 332812

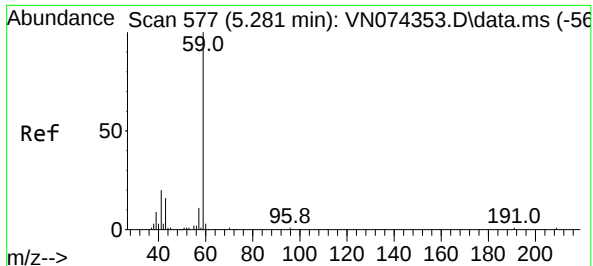
Ion Ratio Lower Upper

96 100

61 150.8 115.7 173.5

98 62.6 51.6 77.4





#23

tert-Butyl Alcohol

Concen: 330.859 ug/l

RT: 5.287 min Scan# 51

Delta R.T. 0.006 min

Lab File: VN074354.D

Acq: 08 Sep 2022 13:12

Instrument :

MSVOA_N

ClientSampleId :

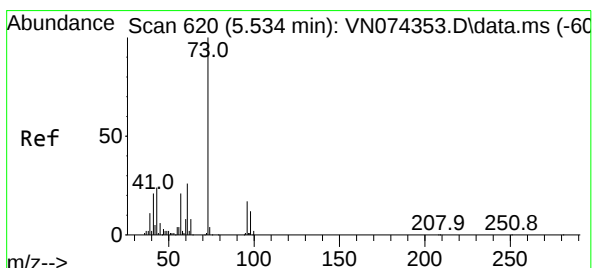
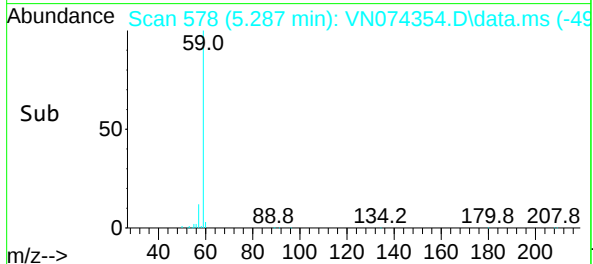
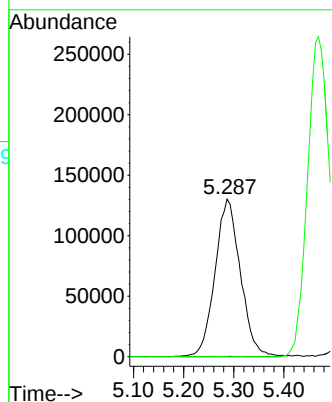
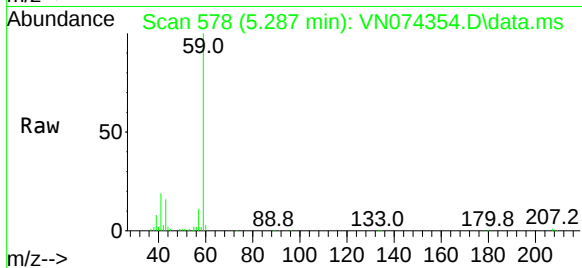
VSTDICC050

Tgt Ion: 59 Resp: 457579

Ion Ratio Lower Upper

59 100

52 0.1 0.0 0.0#



#24

Methyl tert-Butyl Ether

Concen: 59.605 ug/l

RT: 5.528 min Scan# 619

Delta R.T. -0.006 min

Lab File: VN074354.D

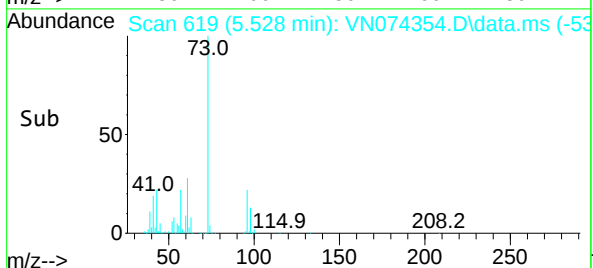
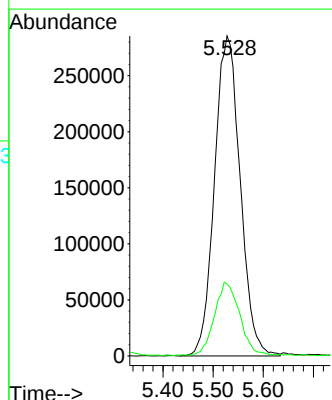
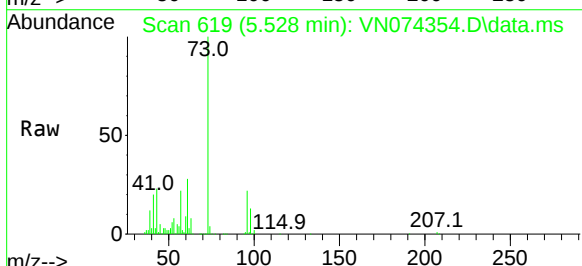
Acq: 08 Sep 2022 13:12

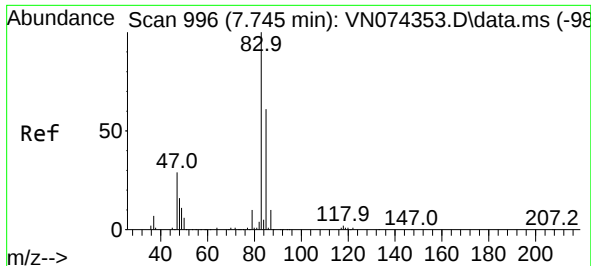
Tgt Ion: 73 Resp: 1016637

Ion Ratio Lower Upper

73 100

43 22.3 18.1 27.1

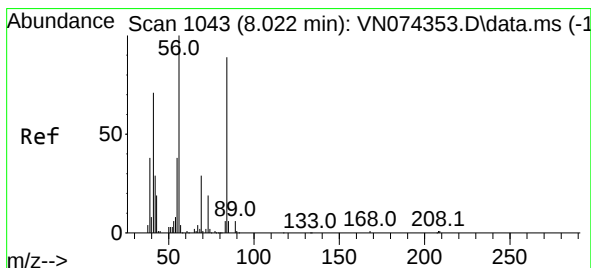
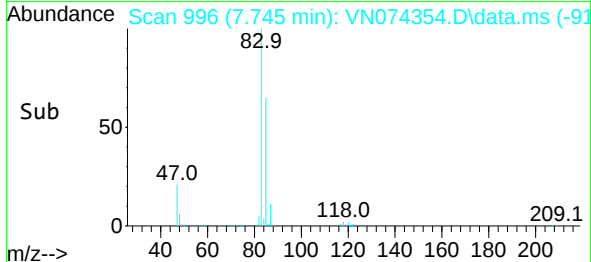
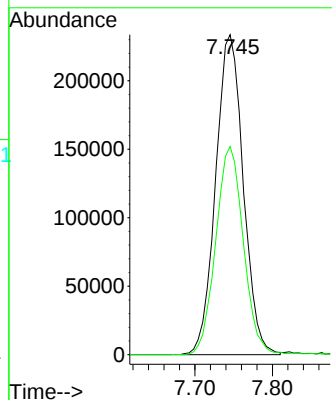
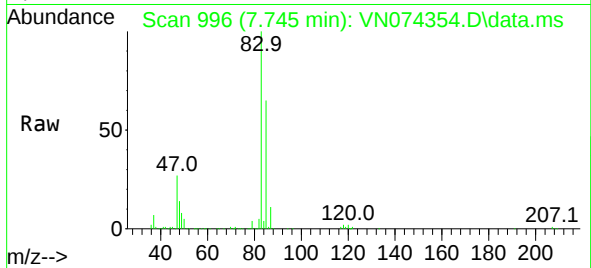




#25
Chloroform
Concen: 55.966 ug/l
RT: 7.745 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN074354.D
Acq: 08 Sep 2022 13:12

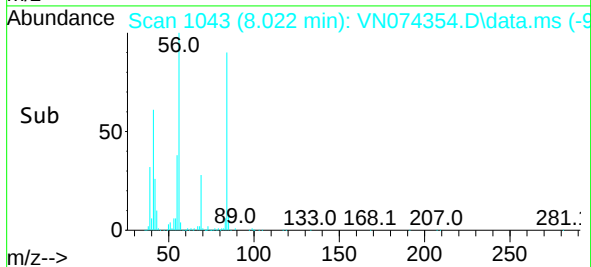
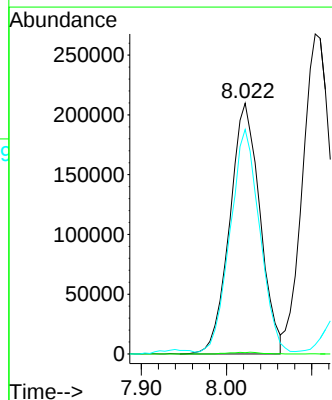
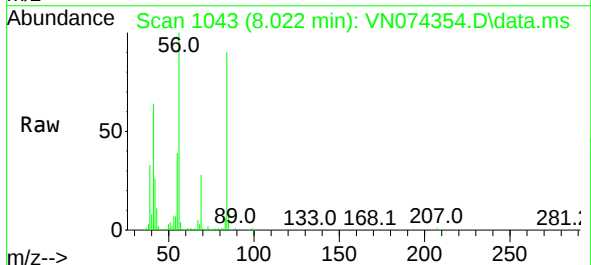
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

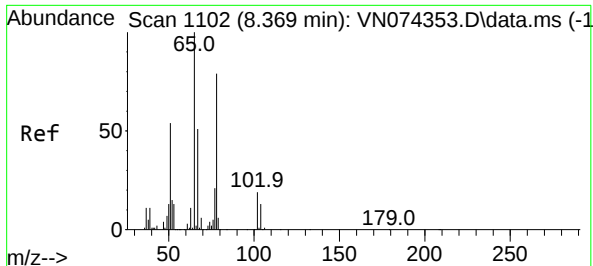
Tgt Ion: 83 Resp: 578823
Ion Ratio Lower Upper
83 100
85 65.0 51.3 76.9



#26
Cyclohexane
Concen: 57.889 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VN074354.D
Acq: 08 Sep 2022 13:12

Tgt Ion: 56 Resp: 516610
Ion Ratio Lower Upper
56 100
89 0.7 0.1 0.1#
84 88.7 74.6 111.8

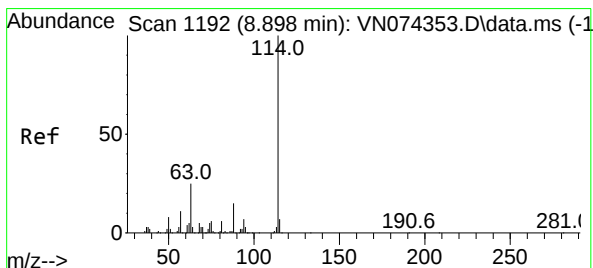
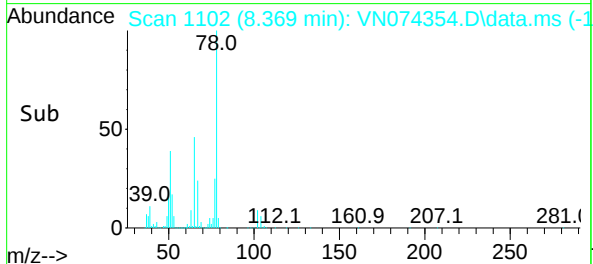
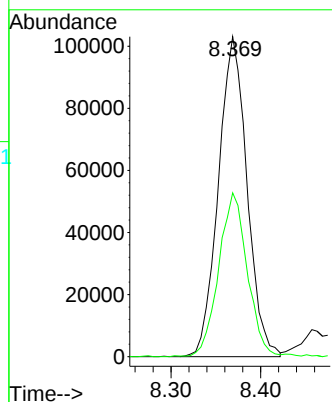
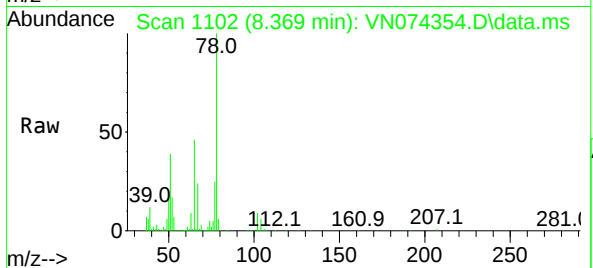




#27
1,2-Dichloroethane-d4
Concen: 34.874 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN074354.D
Acq: 08 Sep 2022 13:12

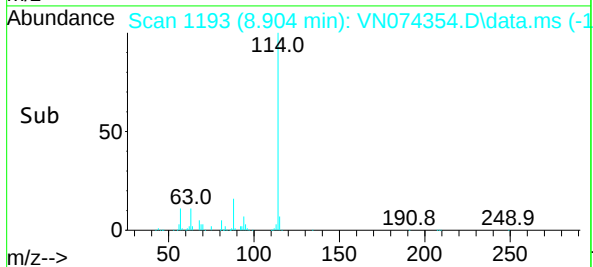
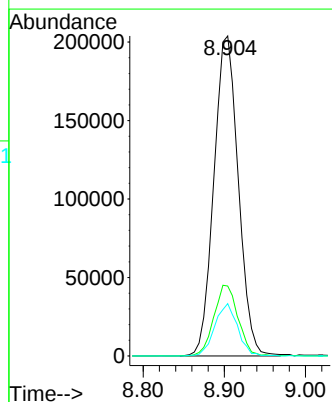
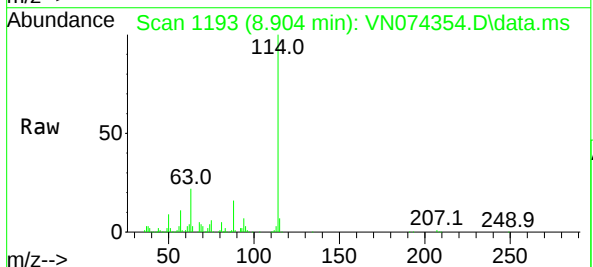
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

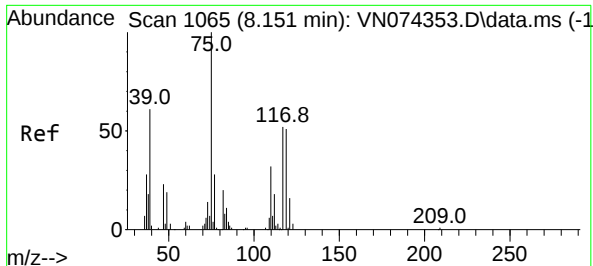
Tgt Ion: 65 Resp: 228195
Ion Ratio Lower Upper
65 100
67 51.0 40.2 60.2



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.006 min
Lab File: VN074354.D
Acq: 08 Sep 2022 13:12

Tgt Ion: 114 Resp: 426743
Ion Ratio Lower Upper
114 100
63 21.9 15.8 23.6
88 15.3 11.6 17.4

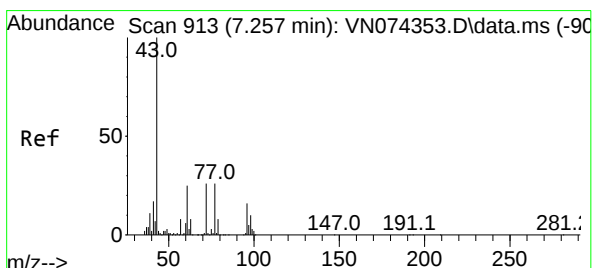
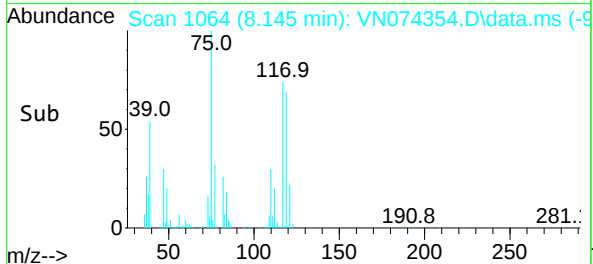
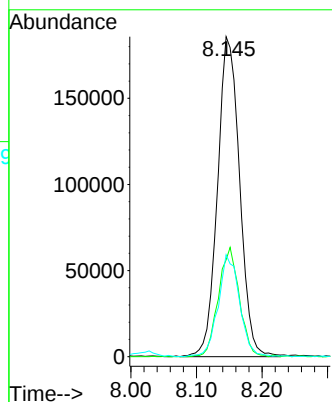
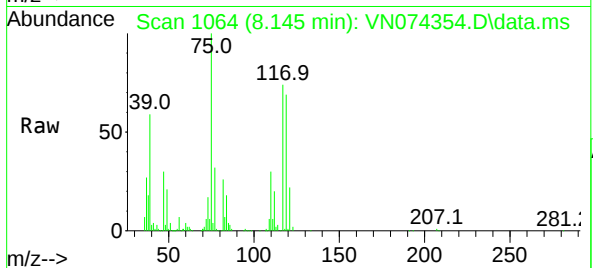




#29
1,1-Dichloropropene
Concen: 53.512 ug/l
RT: 8.145 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN074354.D
Acq: 08 Sep 2022 13:12

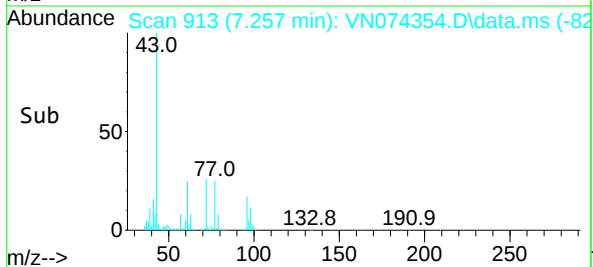
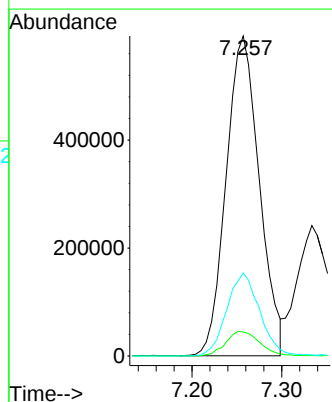
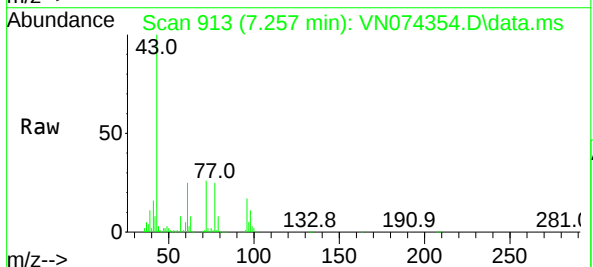
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

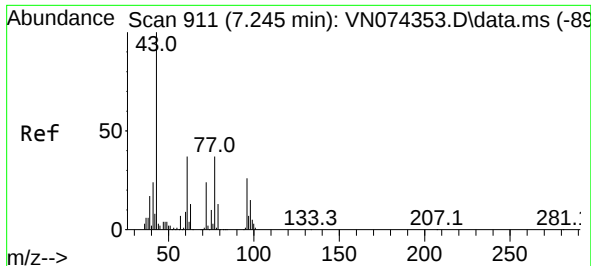
Tgt Ion: 75 Resp: 434465
Ion Ratio Lower Upper
75 100
110 32.3 0.0 74.2
77 30.8 0.0 63.2



#30
2-Butanone
Concen: 269.821 ug/l
RT: 7.257 min Scan# 913
Delta R.T. 0.000 min
Lab File: VN074354.D
Acq: 08 Sep 2022 13:12

Tgt Ion: 43 Resp: 1524666
Ion Ratio Lower Upper
43 100
57 7.9 6.7 10.1
72 25.8 23.2 34.8





#31

2,2-Dichloropropane

Concen: 57.510 ug/l

RT: 7.245 min Scan# 911

Delta R.T. 0.000 min

Lab File: VN074354.D

Acq: 08 Sep 2022 13:12

Instrument :

MSVOA_N

ClientSampleId :

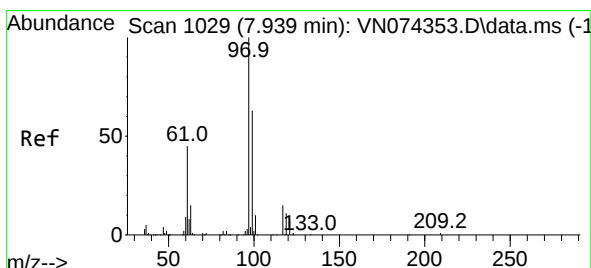
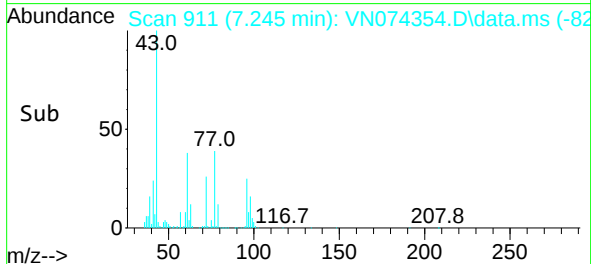
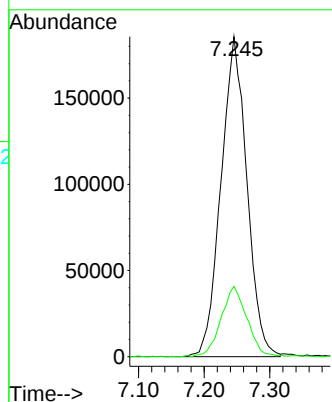
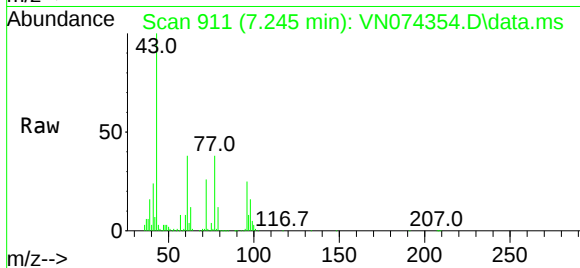
VSTDIC050

Tgt Ion: 77 Resp: 509097

Ion Ratio Lower Upper

77 100

97 21.9 18.3 27.5



#32

1,1,1-Trichloroethane

Concen: 55.330 ug/l

RT: 7.939 min Scan# 1029

Delta R.T. 0.000 min

Lab File: VN074354.D

Acq: 08 Sep 2022 13:12

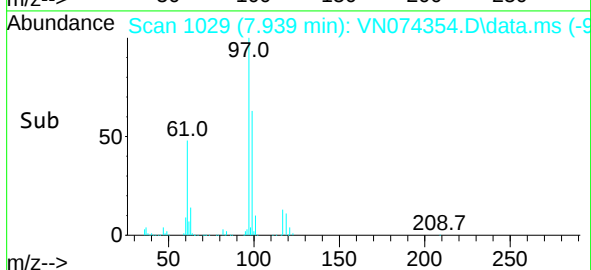
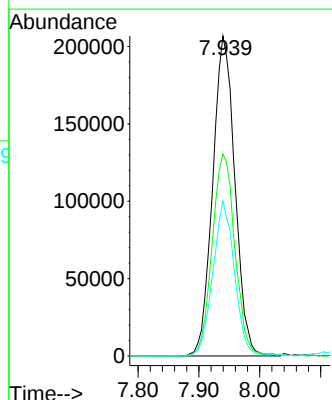
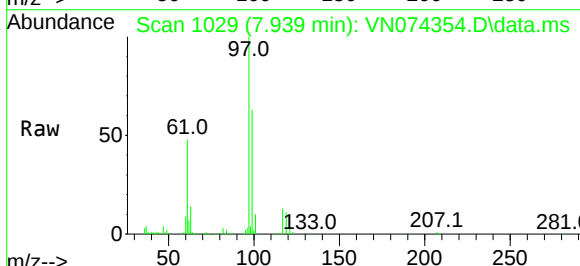
Tgt Ion: 97 Resp: 523621

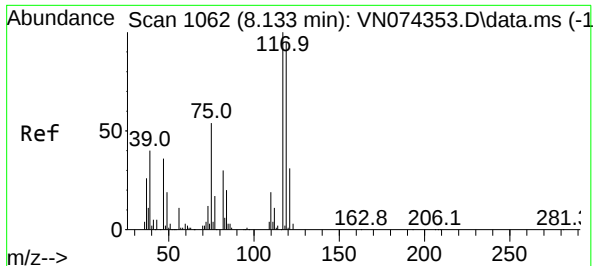
Ion Ratio Lower Upper

97 100

99 64.5 50.4 75.6

61 46.9 34.6 51.8

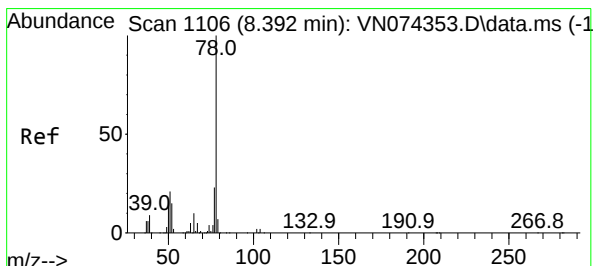
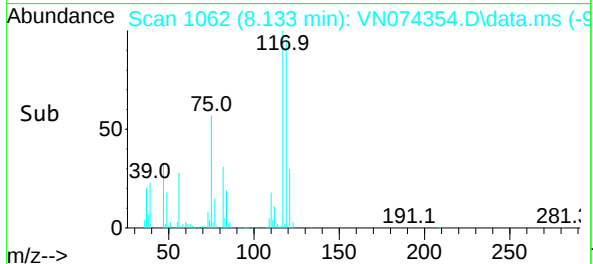
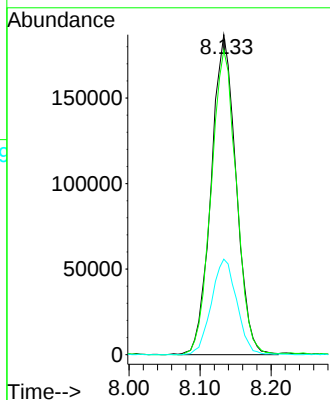
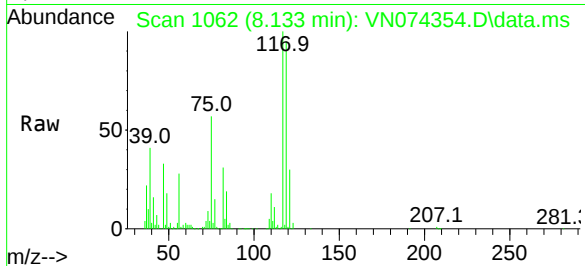




#33
Carbon Tetrachloride
Concen: 55.956 ug/l
RT: 8.133 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VN074354.D
Acq: 08 Sep 2022 13:12

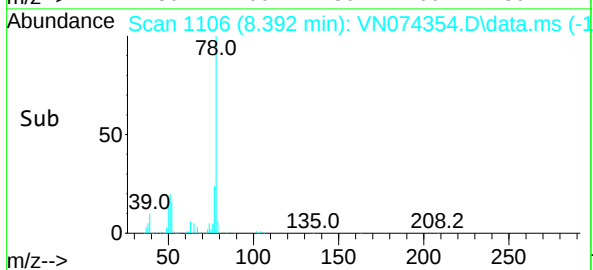
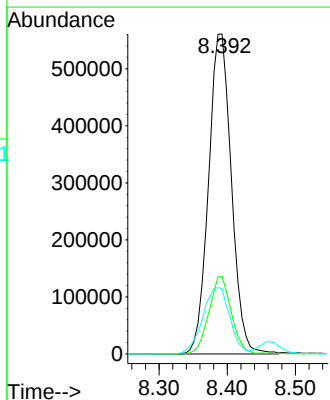
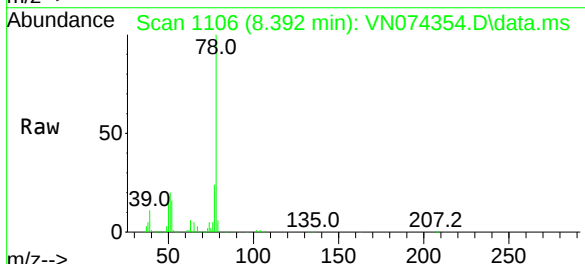
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

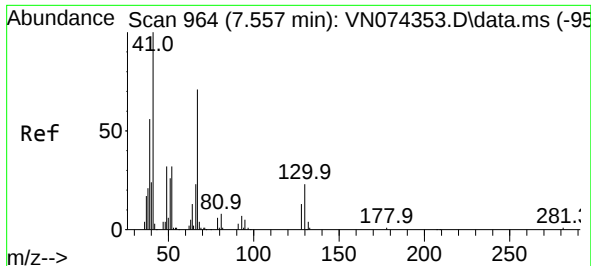
Tgt Ion:117 Resp: 455297
Ion Ratio Lower Upper
117 100
119 95.3 77.5 116.3
121 29.9 23.5 35.3



#34
Benzene
Concen: 50.551 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VN074354.D
Acq: 08 Sep 2022 13:12

Tgt Ion: 78 Resp: 1309884
Ion Ratio Lower Upper
78 100
77 24.2 19.1 28.7
51 20.3 16.0 24.0

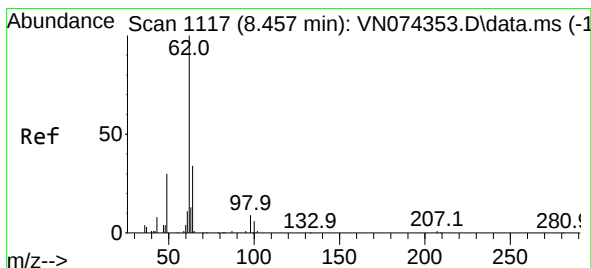
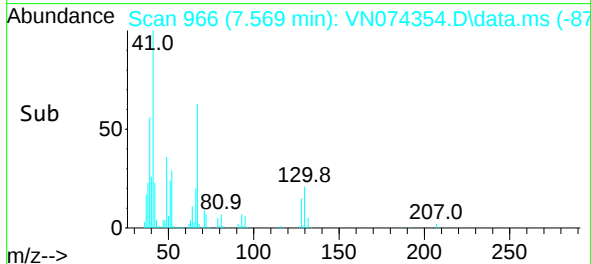
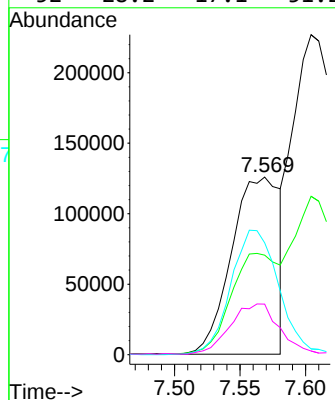
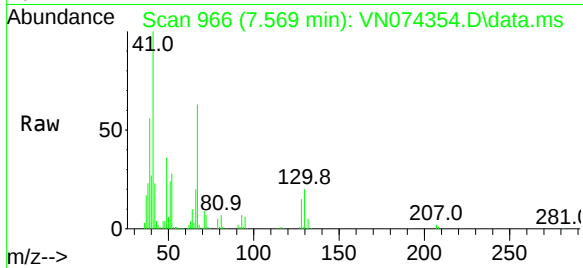




#35
Methacrylonitrile
Concen: 70.817 ug/l
RT: 7.569 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN074354.D
Acq: 08 Sep 2022 13:12

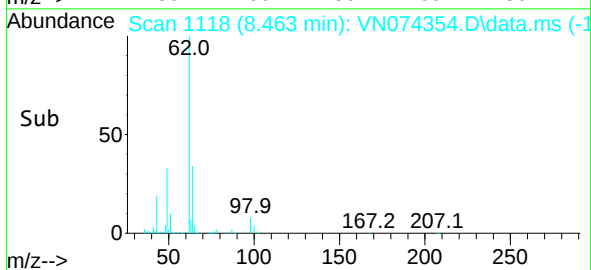
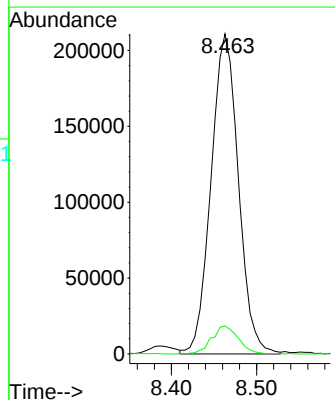
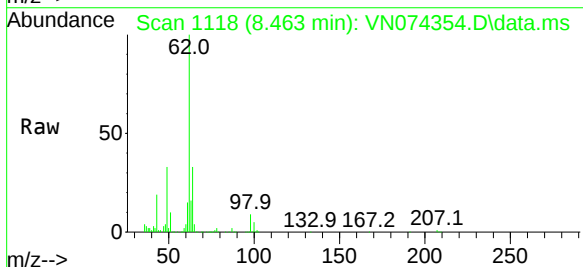
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

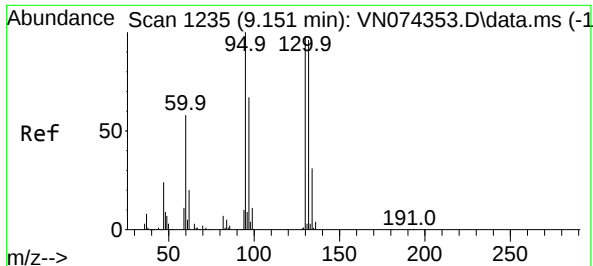
Tgt Ion: 41 Resp: 321408
Ion Ratio Lower Upper
41 100
39 55.5 28.0 83.9
67 62.9 37.7 113.1
52 28.2 17.1 51.2



#36
1,2-Dichloroethane
Concen: 54.028 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. 0.006 min
Lab File: VN074354.D
Acq: 08 Sep 2022 13:12

Tgt Ion: 62 Resp: 470426
Ion Ratio Lower Upper
62 100
98 8.6 6.6 10.0





#37

Trichloroethene

Concen: 47.445 ug/l

RT: 9.151 min Scan# 1235

Delta R.T. 0.000 min

Lab File: VN074354.D

Acq: 08 Sep 2022 13:12

Instrument :

MSVOA_N

ClientSampleId :

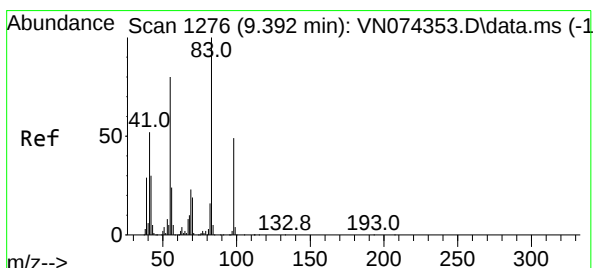
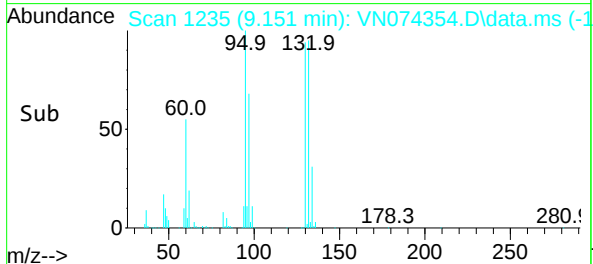
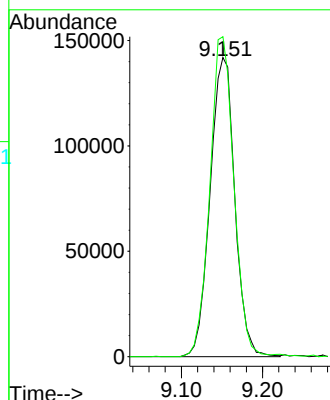
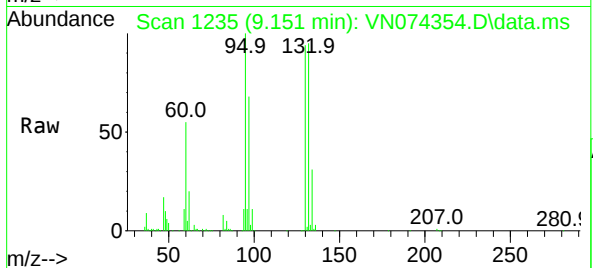
VSTDIC050

Tgt Ion:130 Resp: 299395

Ion Ratio Lower Upper

130 100

95 106.9 76.6 115.0



#38

Methylcyclohexane

Concen: 53.744 ug/l

RT: 9.392 min Scan# 1276

Delta R.T. 0.000 min

Lab File: VN074354.D

Acq: 08 Sep 2022 13:12

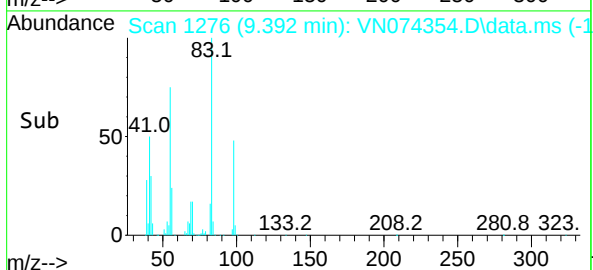
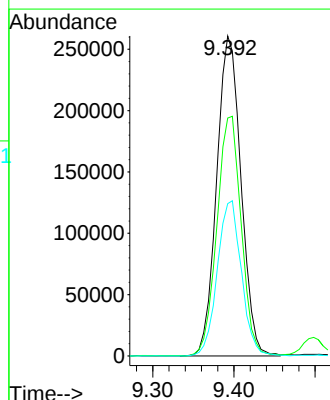
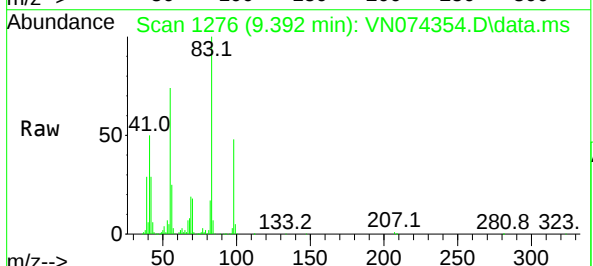
Tgt Ion: 83 Resp: 543270

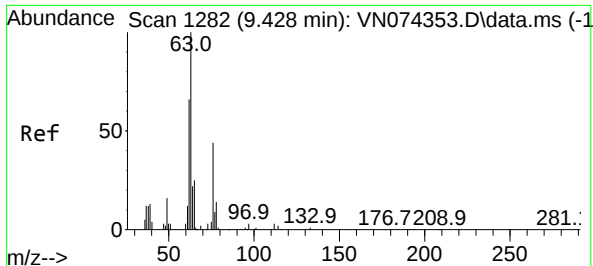
Ion Ratio Lower Upper

83 100

55 74.9 35.1 105.3

98 48.1 23.4 70.2





#39

1,2-Dichloropropane

Concen: 50.575 ug/l

RT: 9.428 min Scan# 1282

Delta R.T. 0.000 min

Lab File: VN074354.D

Acq: 08 Sep 2022 13:12

Instrument :

MSVOA_N

ClientSampleId :

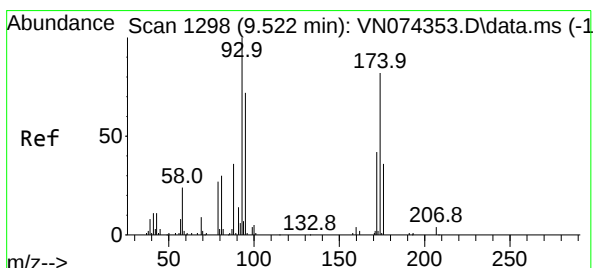
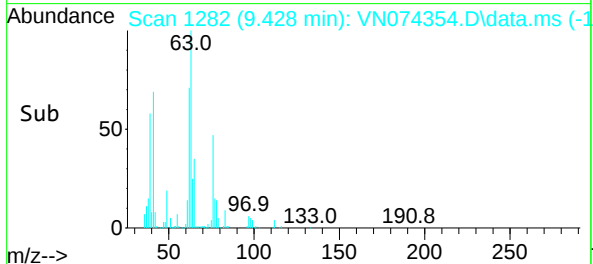
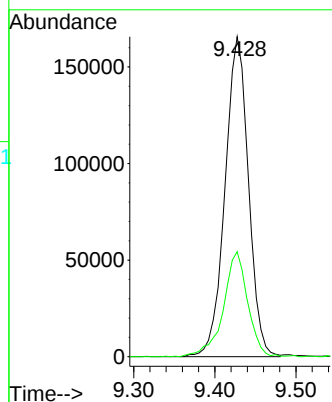
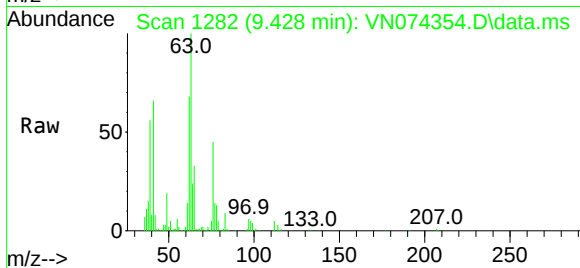
VSTDICC050

Tgt Ion: 63 Resp: 332240

Ion Ratio Lower Upper

63 100

65 32.8 24.2 36.4



#40

Dibromomethane

Concen: 52.076 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. -0.006 min

Lab File: VN074354.D

Acq: 08 Sep 2022 13:12

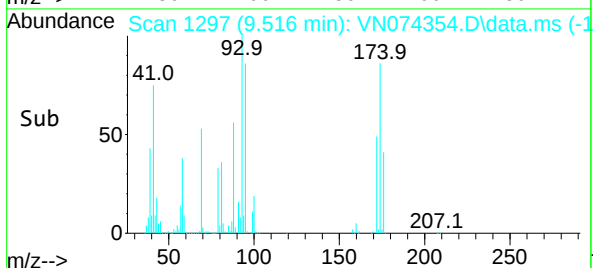
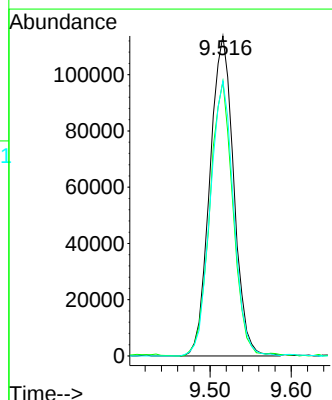
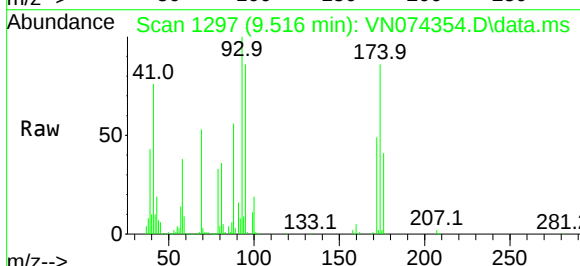
Tgt Ion: 93 Resp: 232211

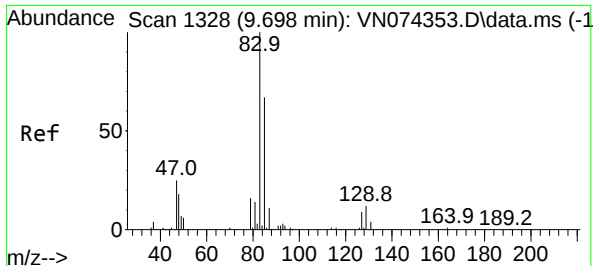
Ion Ratio Lower Upper

93 100

95 82.7 0.0 168.8

174 84.3 0.0 173.6

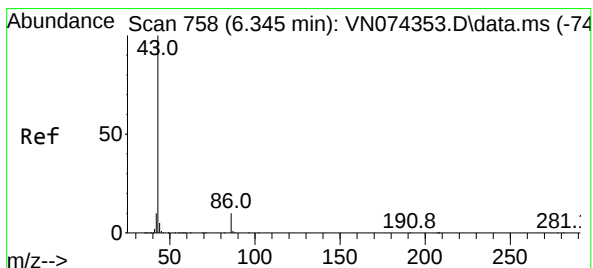
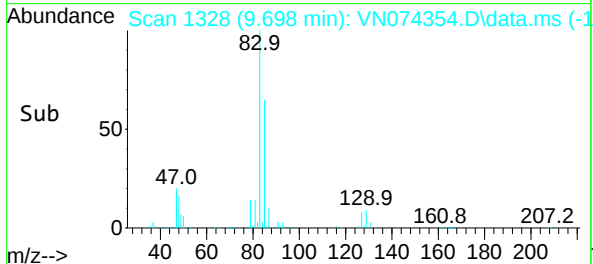
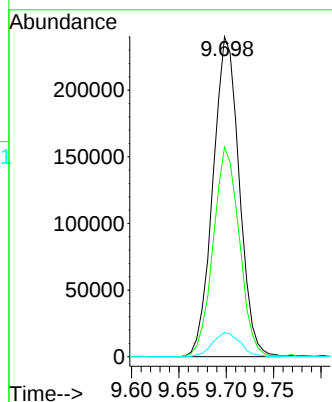
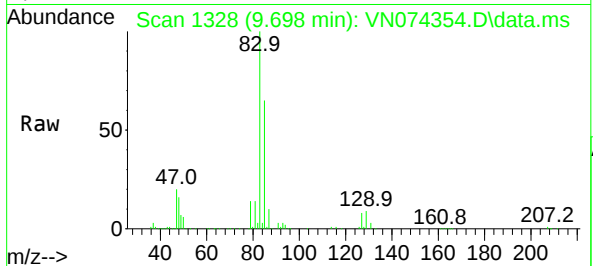




#41
Bromodichloromethane
Concen: 52.678 ug/l
RT: 9.698 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074354.D
Acq: 08 Sep 2022 13:12

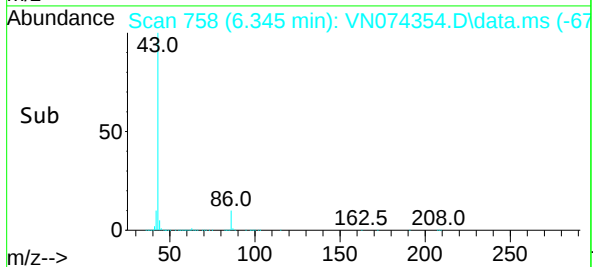
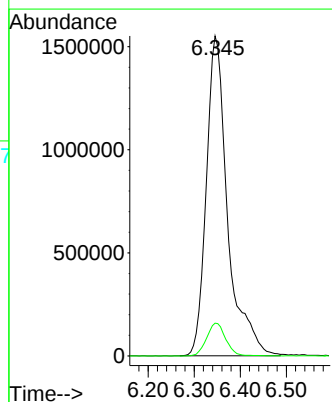
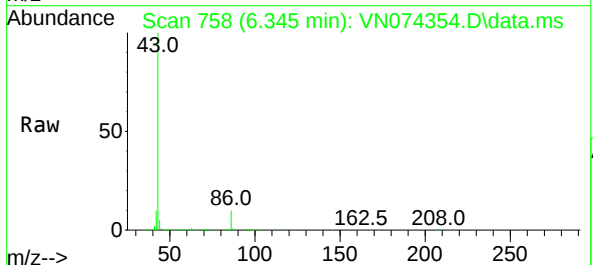
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

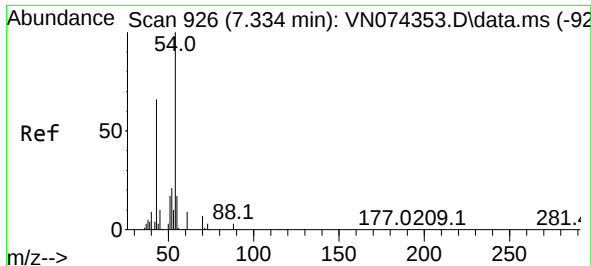
Tgt Ion: 83 Resp: 463603
Ion Ratio Lower Upper
83 100
85 65.5 54.1 81.1
127 7.6 7.6 11.4#



#42
Vinyl Acetate
Concen: 298.526 ug/l
RT: 6.345 min Scan# 758
Delta R.T. 0.000 min
Lab File: VN074354.D
Acq: 08 Sep 2022 13:12

Tgt Ion: 43 Resp: 5004170
Ion Ratio Lower Upper
43 100
86 9.1 7.5 11.3

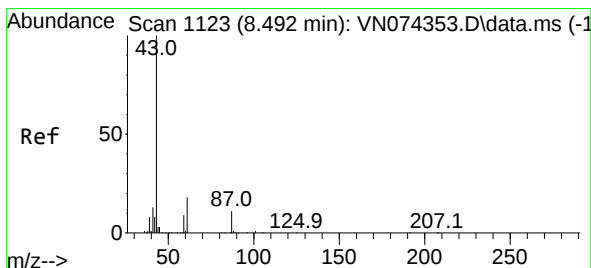
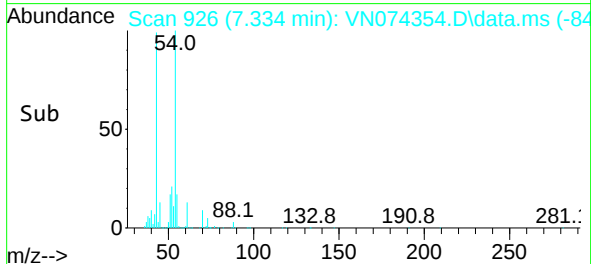
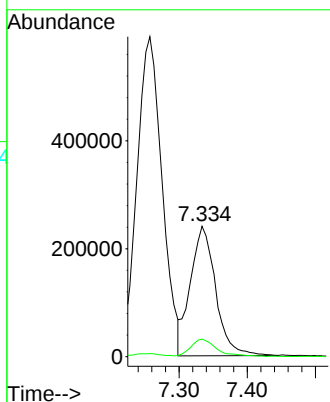
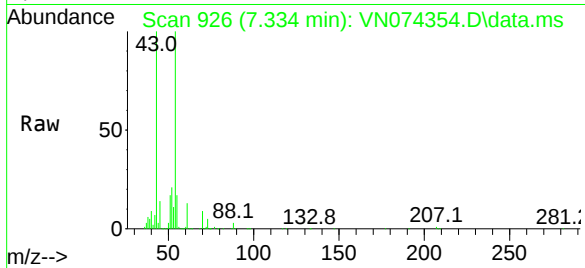




#43
Ethyl Acetate
Concen: 56.210 ug/l
RT: 7.334 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN074354.D
Acq: 08 Sep 2022 13:12

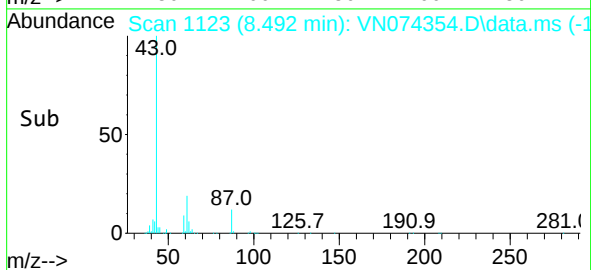
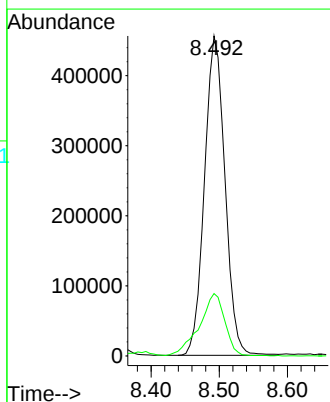
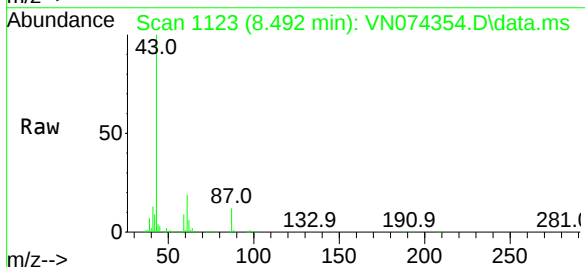
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

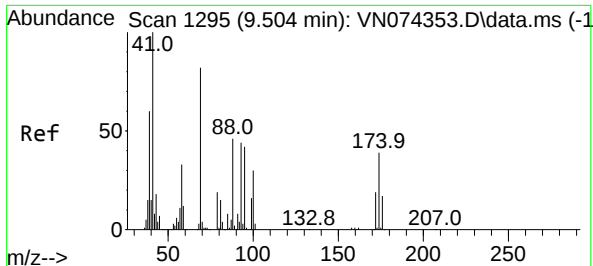
Tgt Ion: 43 Resp: 618555
Ion Ratio Lower Upper
43 100
45 14.2 10.6 16.0



#44
Isopropyl Acetate
Concen: 61.551 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN074354.D
Acq: 08 Sep 2022 13:12

Tgt Ion: 43 Resp: 955180
Ion Ratio Lower Upper
43 100
61 24.0 20.1 30.1

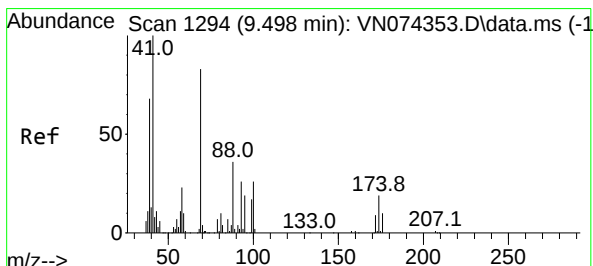
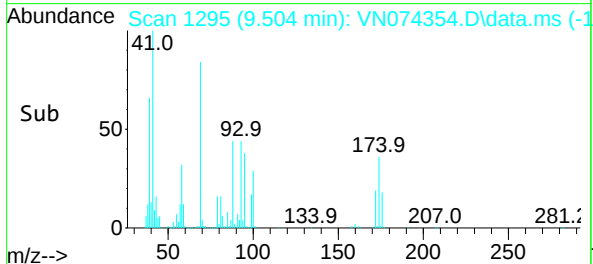
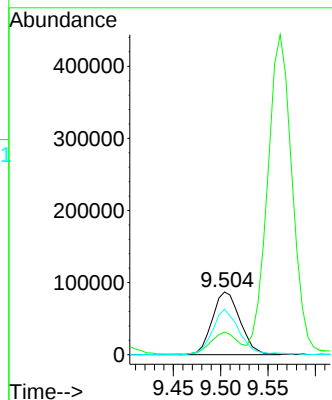
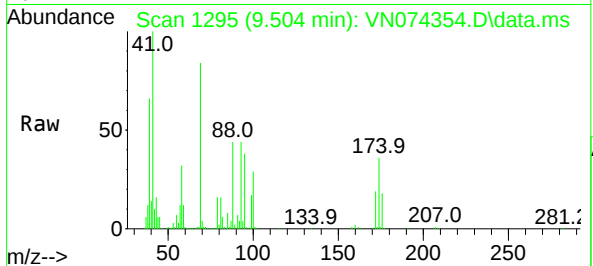




#45
1,4-Dioxane
Concen: 1018.469 ug/l
RT: 9.504 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VN074354.D
Acq: 08 Sep 2022 13:12

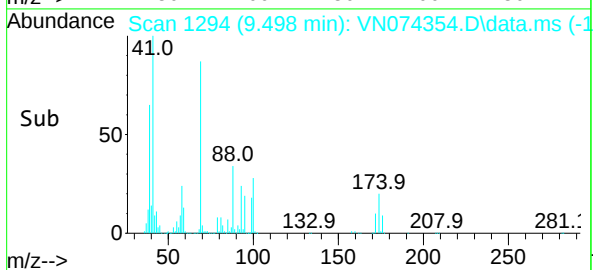
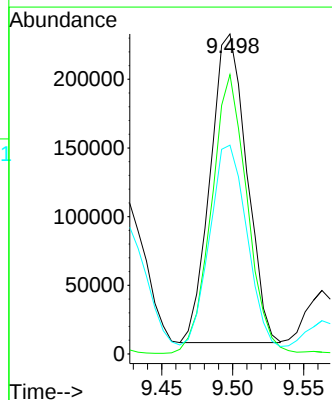
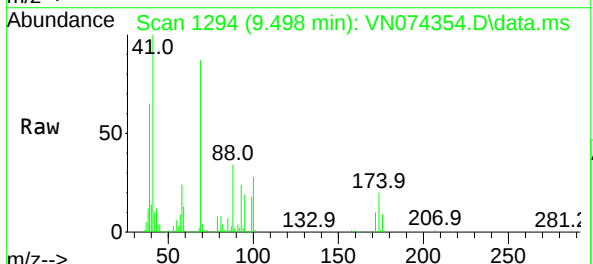
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

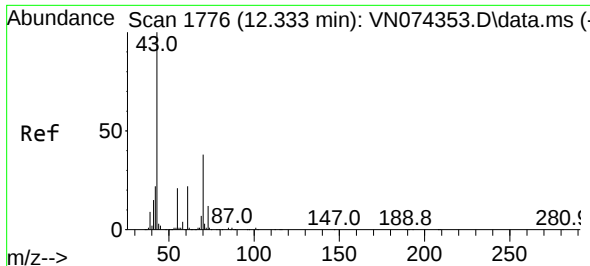
Tgt Ion: 88 Resp: 178187
Ion Ratio Lower Upper
88 100
43 34.1 25.0 37.6
58 68.5 49.4 74.2



#46
Methyl methacrylate
Concen: 58.376 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VN074354.D
Acq: 08 Sep 2022 13:12

Tgt Ion: 41 Resp: 400973
Ion Ratio Lower Upper
41 100
69 89.0 44.4 133.2
39 65.2 39.9 119.6

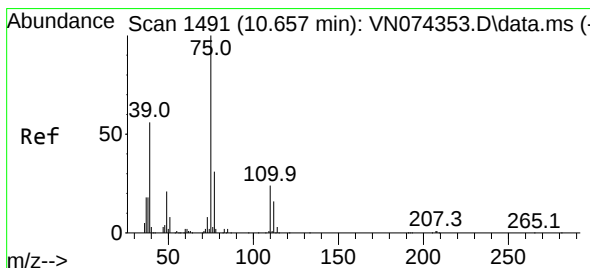
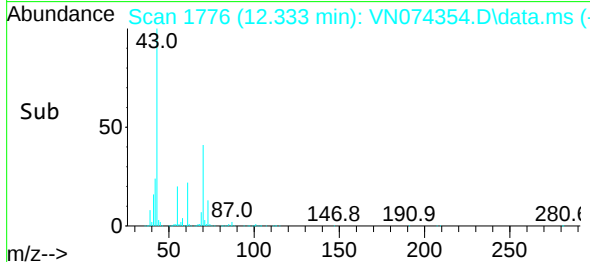
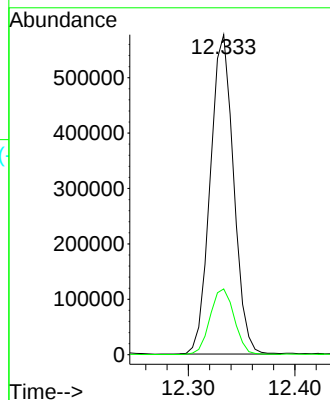
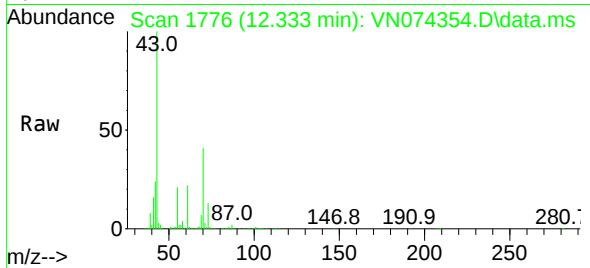




#47
n-amyl acetate
Concen: 68.091 ug/l
RT: 12.333 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074354.D
Acq: 08 Sep 2022 13:12

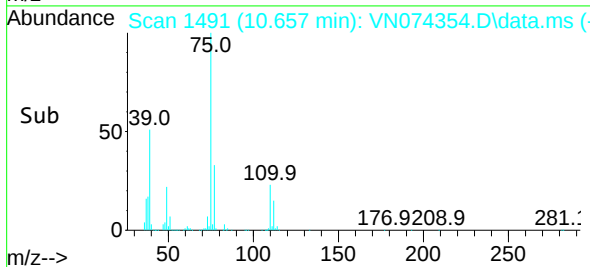
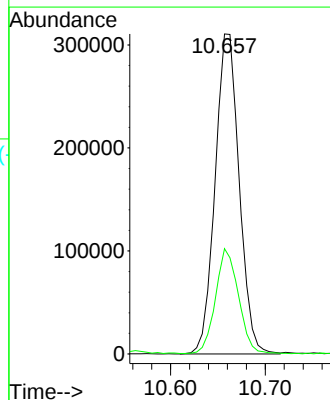
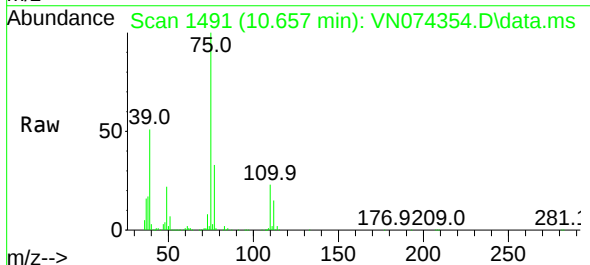
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

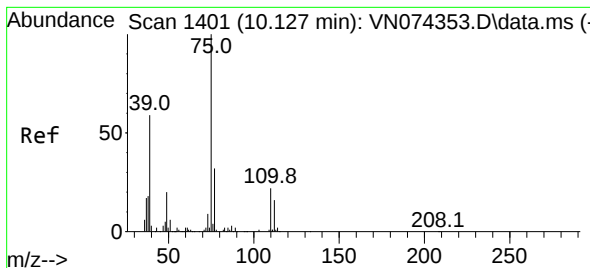
Tgt Ion: 43 Resp: 876784
Ion Ratio Lower Upper
43 100
55 21.3 19.0 28.6



#48
t-1,3-Dichloropropene
Concen: 58.588 ug/l
RT: 10.657 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN074354.D
Acq: 08 Sep 2022 13:12

Tgt Ion: 75 Resp: 549905
Ion Ratio Lower Upper
75 100
77 32.8 25.3 37.9

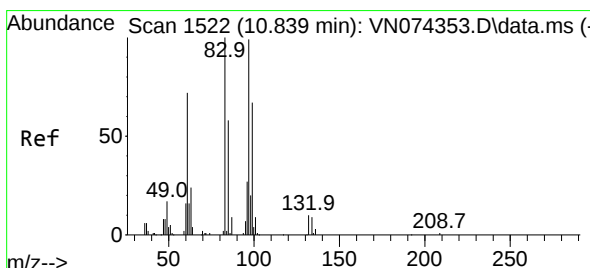
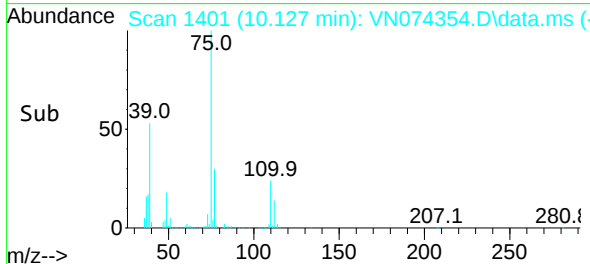
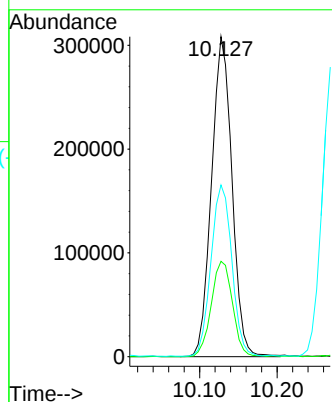
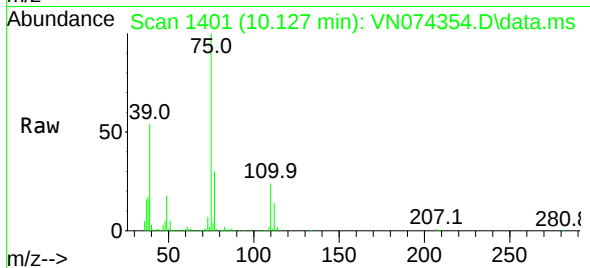




#49
 cis-1,3-Dichloropropene
 Concen: 55.658 ug/l
 RT: 10.127 min Scan# 1401
 Delta R.T. 0.000 min
 Lab File: VN074354.D
 Acq: 08 Sep 2022 13:12

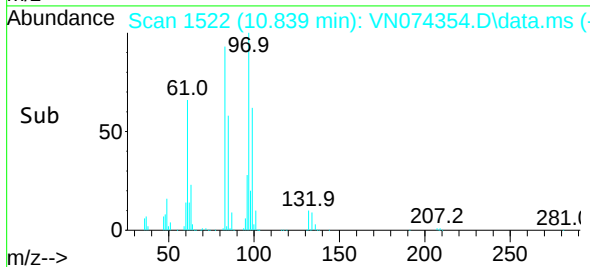
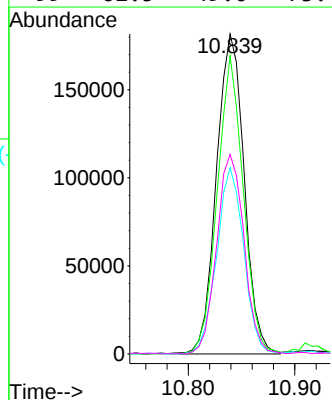
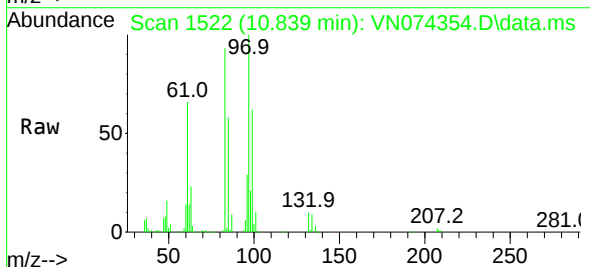
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

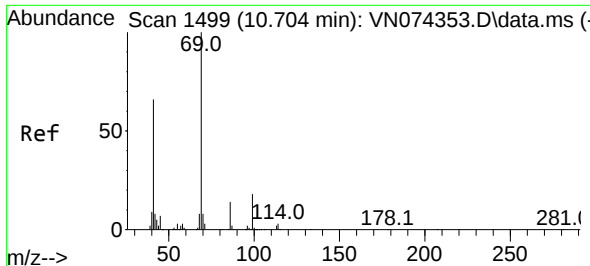
Tgt Ion: 75 Resp: 566071
 Ion Ratio Lower Upper
 75 100
 77 29.8 25.3 37.9
 39 53.5 46.2 69.4



#50
 1,1,2-Trichloroethane
 Concen: 49.419 ug/l
 RT: 10.839 min Scan# 1522
 Delta R.T. 0.000 min
 Lab File: VN074354.D
 Acq: 08 Sep 2022 13:12

Tgt Ion: 97 Resp: 327482
 Ion Ratio Lower Upper
 97 100
 83 93.5 67.2 100.8
 85 58.4 43.0 64.4
 99 62.5 49.0 73.4

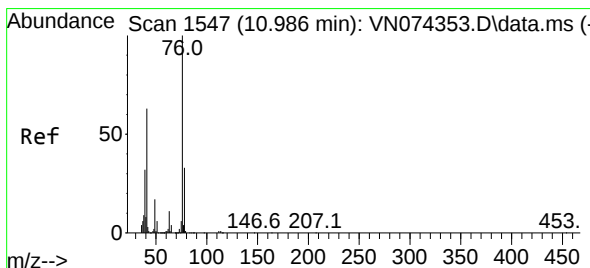
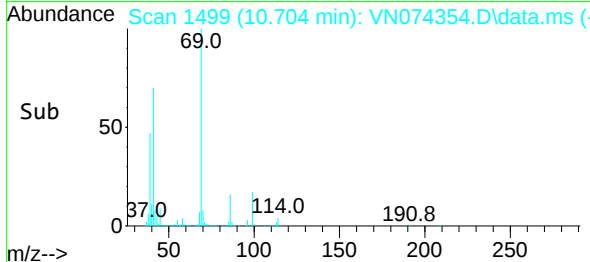
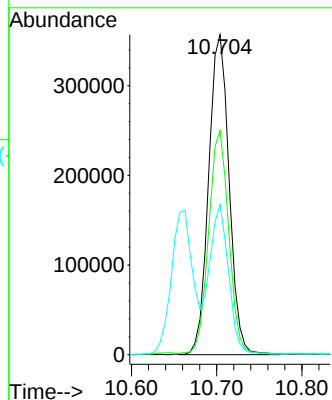
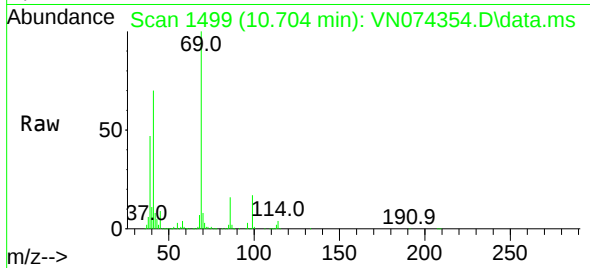




#51
Ethyl methacrylate
Concen: 57.083 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. 0.000 min
Lab File: VN074354.D
Acq: 08 Sep 2022 13:12

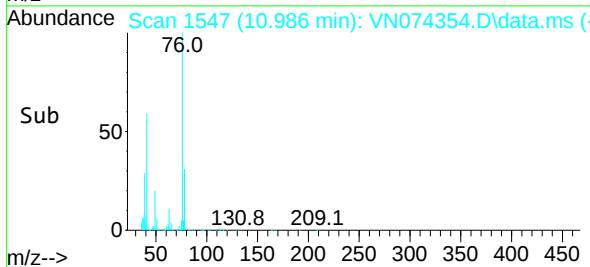
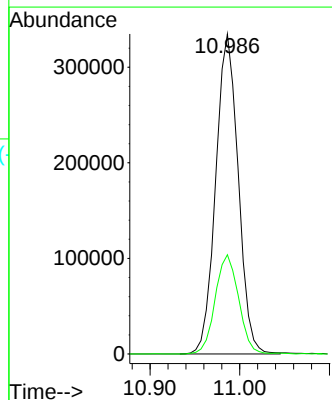
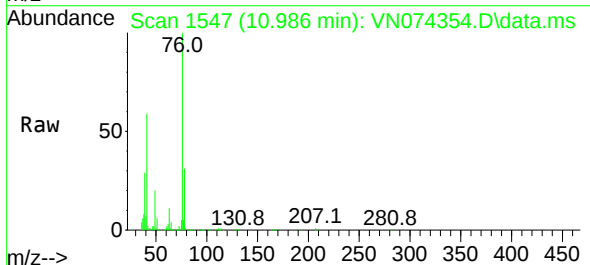
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

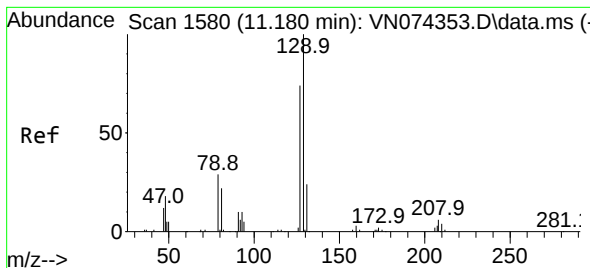
Tgt Ion: 69 Resp: 595787
Ion Ratio Lower Upper
69 100
41 69.8 33.0 98.9
39 46.7 25.4 76.4



#52
1,3-Dichloropropane
Concen: 51.491 ug/l
RT: 10.986 min Scan# 1547
Delta R.T. 0.000 min
Lab File: VN074354.D
Acq: 08 Sep 2022 13:12

Tgt Ion: 76 Resp: 582789
Ion Ratio Lower Upper
76 100
78 32.2 0.0 65.4





#53

Dibromochloromethane

Concen: 52.831 ug/l

RT: 11.180 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VN074354.D

Acq: 08 Sep 2022 13:12

Instrument :

MSVOA_N

ClientSampleId :

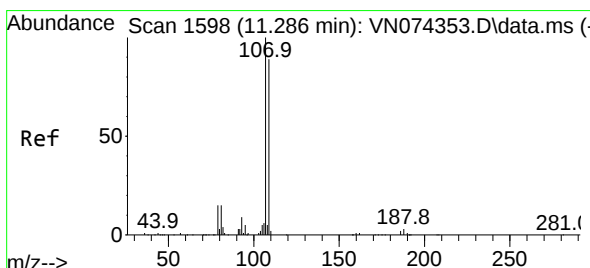
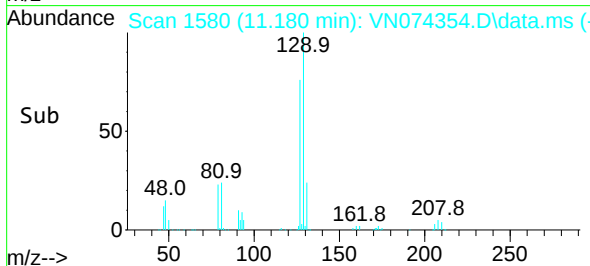
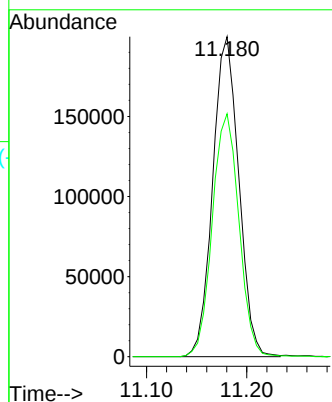
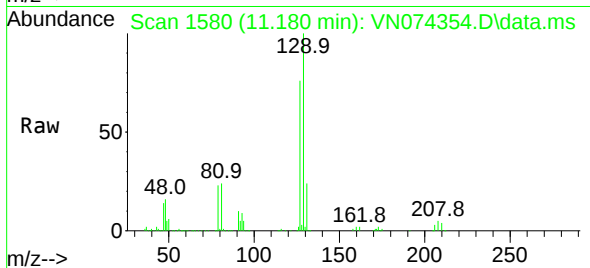
VSTDIC050

Tgt Ion:129 Resp: 360794

Ion Ratio Lower Upper

129 100

127 77.5 39.0 117.0



#54

1,2-Dibromoethane

Concen: 51.401 ug/l

RT: 11.286 min Scan# 1598

Delta R.T. 0.000 min

Lab File: VN074354.D

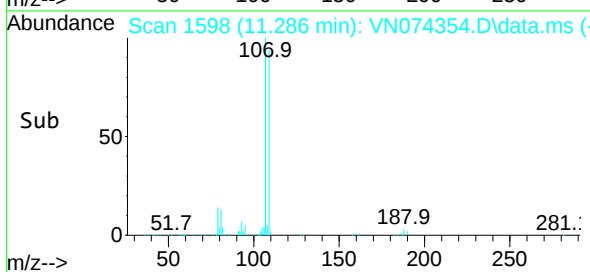
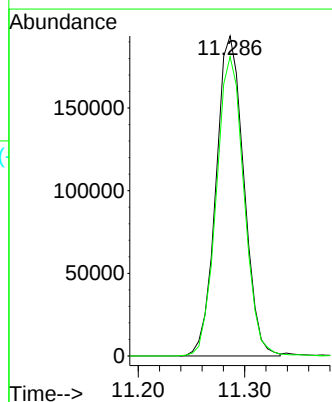
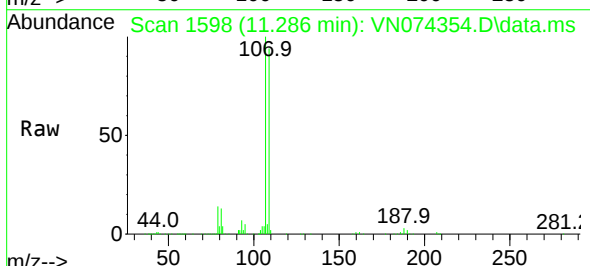
Acq: 08 Sep 2022 13:12

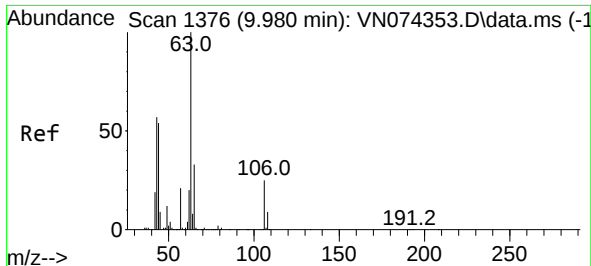
Tgt Ion:107 Resp: 350492

Ion Ratio Lower Upper

107 100

109 93.2 72.8 109.2





#55

2-Chloroethyl vinyl ether

Concen: 301.319 ug/l

RT: 9.980 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VN074354.D

Acq: 08 Sep 2022 13:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

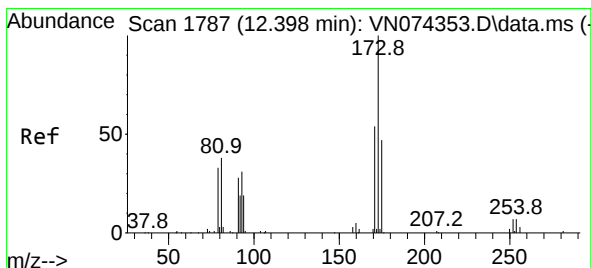
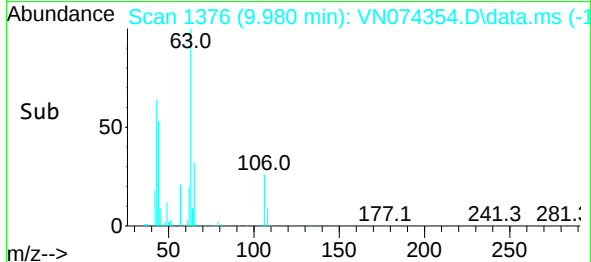
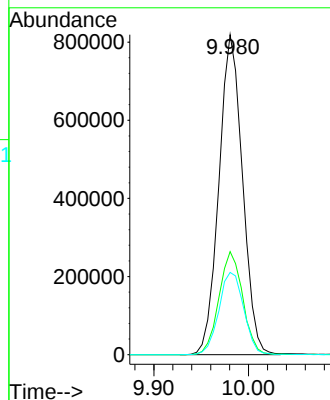
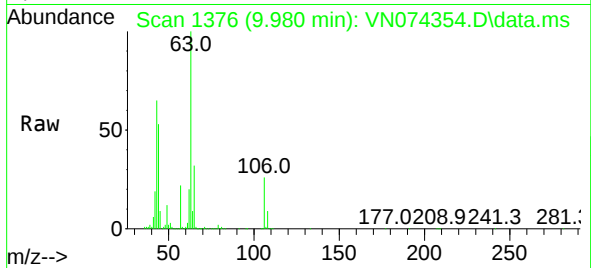
Tgt Ion: 63 Resp: 1417655

Ion Ratio Lower Upper

63 100

65 32.5 25.4 38.0

106 27.2 23.2 34.8



#56

Bromoform

Concen: 51.709 ug/l

RT: 12.398 min Scan# 1787

Delta R.T. 0.000 min

Lab File: VN074354.D

Acq: 08 Sep 2022 13:12

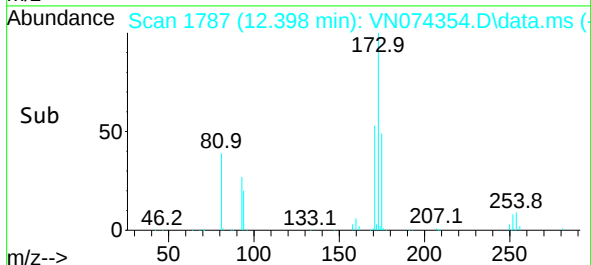
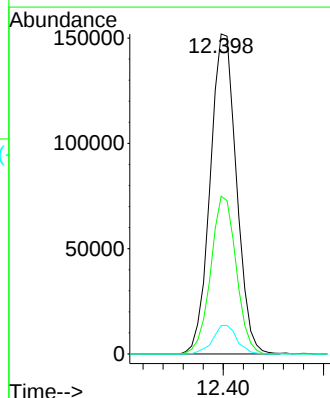
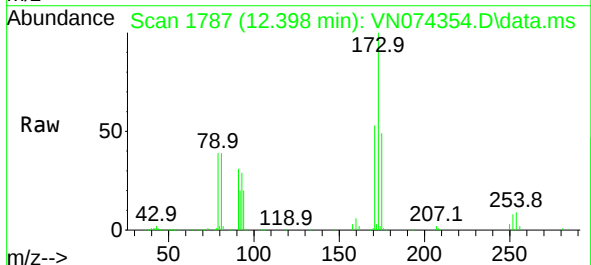
Tgt Ion: 173 Resp: 275572

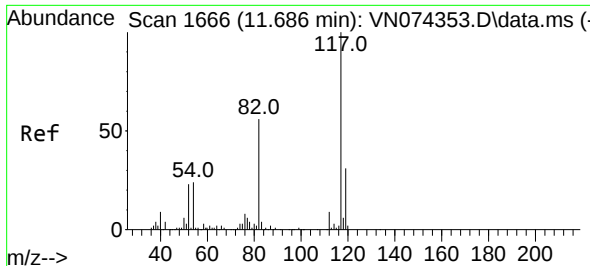
Ion Ratio Lower Upper

173 100

175 47.9 38.6 58.0

254 8.3 0.0 0.0#

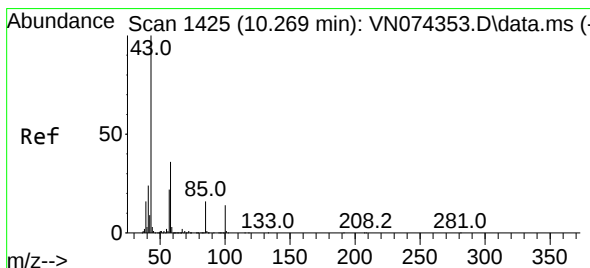
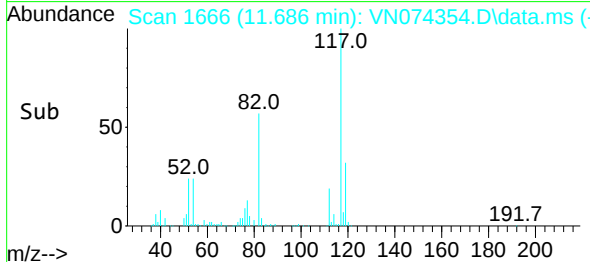
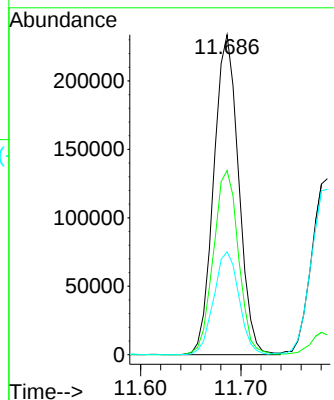
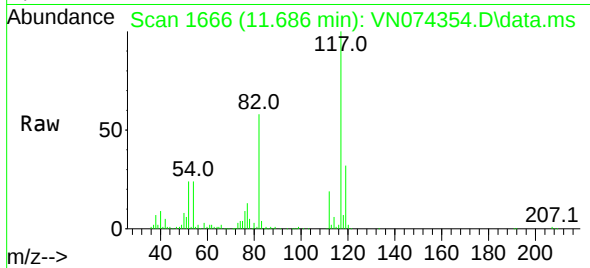




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.686 min Scan# 1166
Delta R.T. 0.000 min
Lab File: VN074354.D
Acq: 08 Sep 2022 13:12

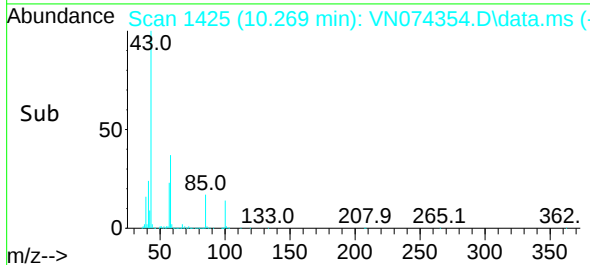
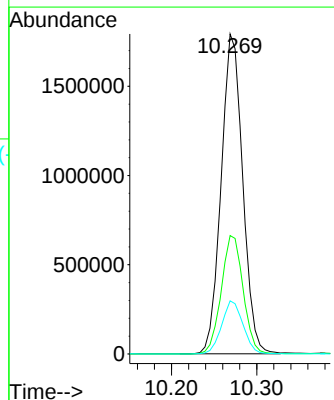
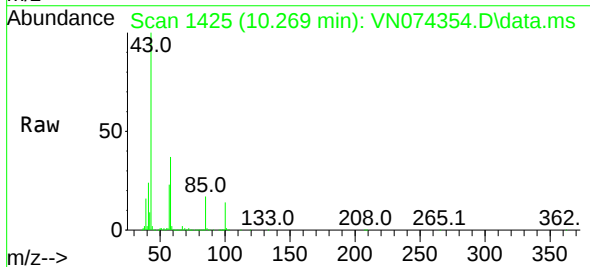
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

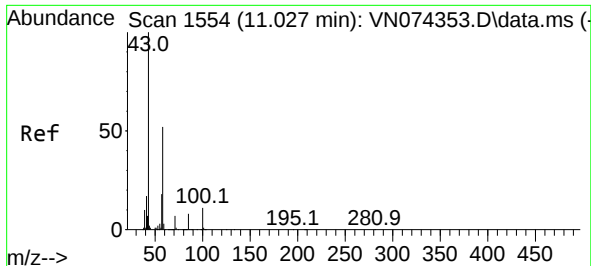
Tgt Ion:117 Resp: 402316
Ion Ratio Lower Upper
117 100
82 58.0 43.6 65.4
119 32.7 25.8 38.6



#58
4-Methyl-2-Pentanone
Concen: 290.165 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VN074354.D
Acq: 08 Sep 2022 13:12

Tgt Ion: 43 Resp: 3150113
Ion Ratio Lower Upper
43 100
58 37.6 30.0 45.0
85 16.6 15.0 22.6

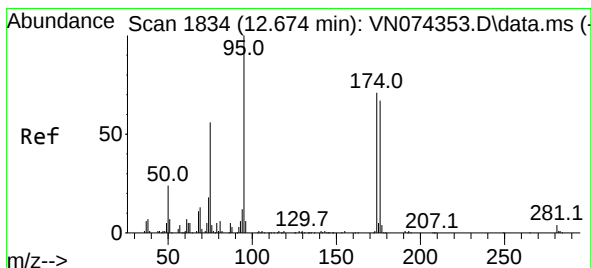
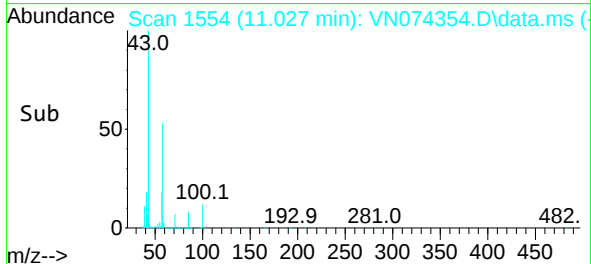
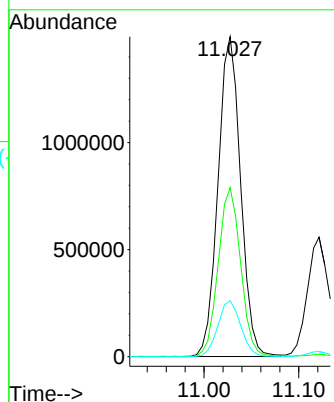
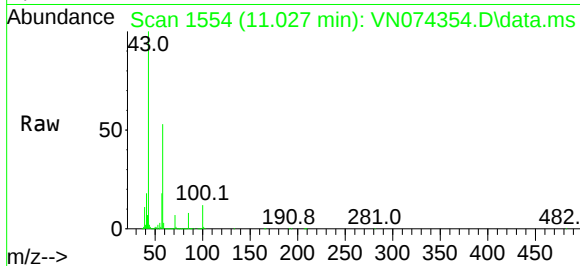




#59
2-Hexanone
Concen: 294.804 ug/l
RT: 11.027 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074354.D
Acq: 08 Sep 2022 13:12

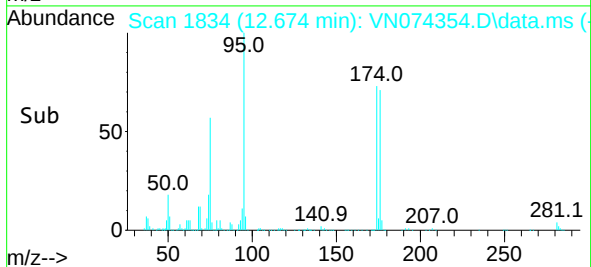
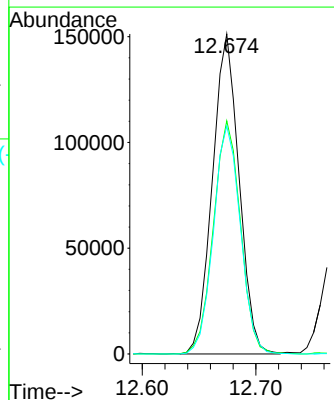
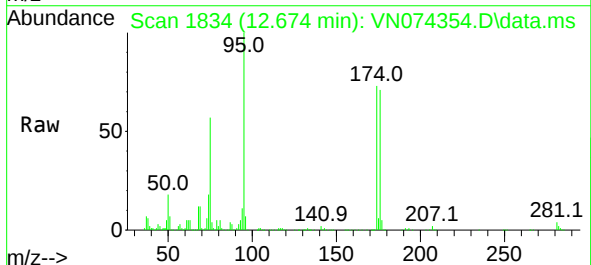
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

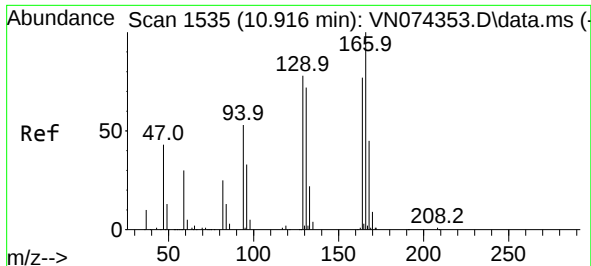
Tgt Ion: 43 Resp: 2472672
Ion Ratio Lower Upper
43 100
58 52.4 42.2 63.2
57 17.9 15.0 22.4



#60
4-Bromofluorobenzene
Concen: 33.695 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074354.D
Acq: 08 Sep 2022 13:12

Tgt Ion: 95 Resp: 246576
Ion Ratio Lower Upper
95 100
174 74.0 62.9 94.3
176 72.0 61.0 91.4

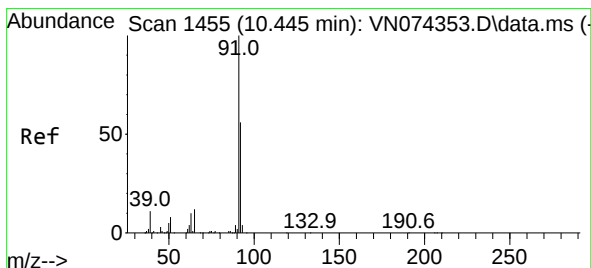
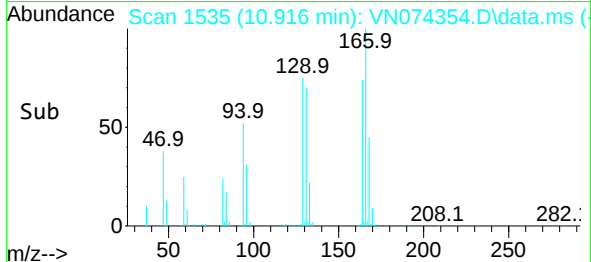
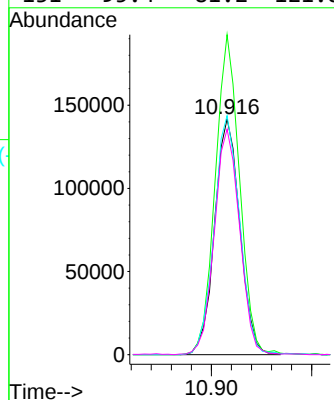
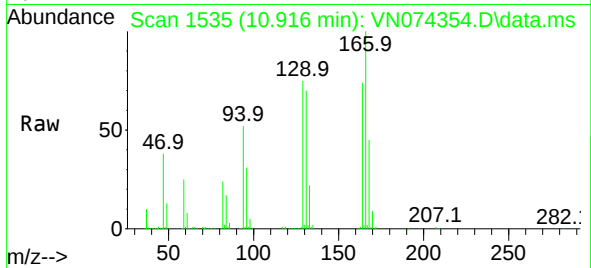




#61
Tetrachloroethene
Concen: 41.929 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. 0.000 min
Lab File: VN074354.D
Acq: 08 Sep 2022 13:12

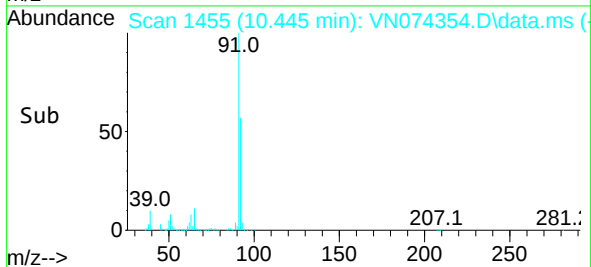
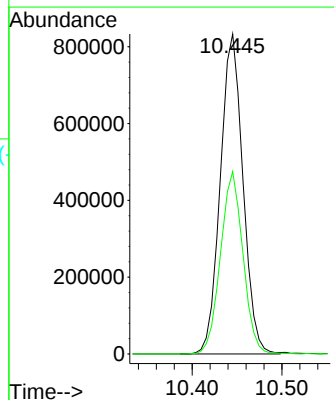
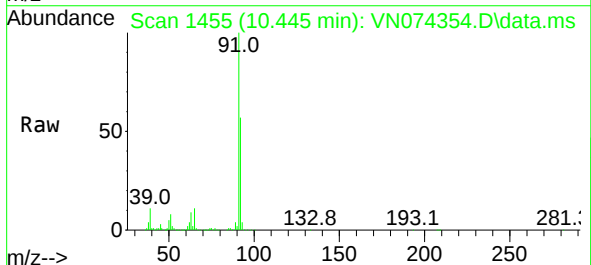
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

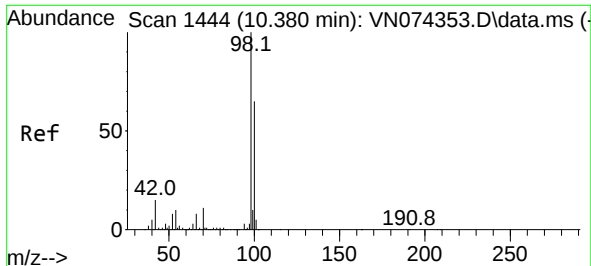
Tgt Ion:164 Resp: 247770
Ion Ratio Lower Upper
164 100
166 135.8 105.8 158.8
129 101.4 82.5 123.7
131 95.4 81.2 121.8



#62
Toluene
Concen: 51.763 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN074354.D
Acq: 08 Sep 2022 13:12

Tgt Ion: 91 Resp: 1460198
Ion Ratio Lower Upper
91 100
92 56.5 44.6 67.0

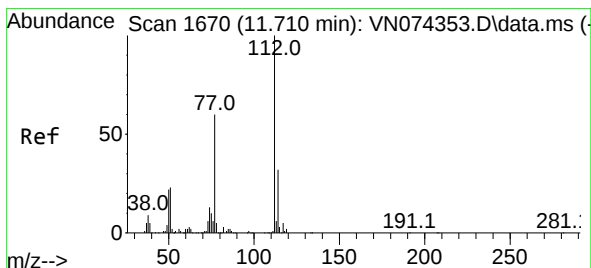
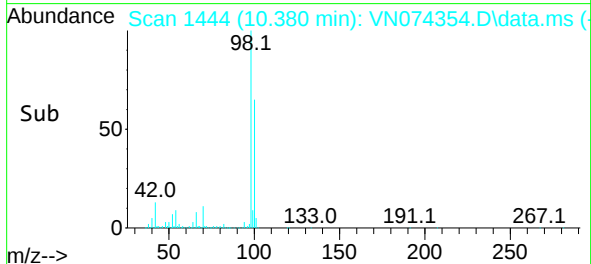
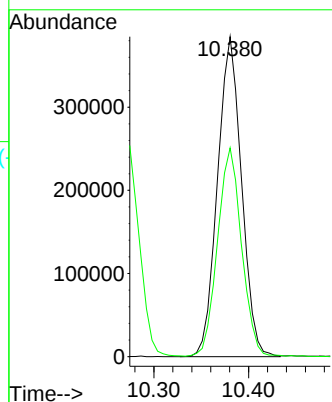
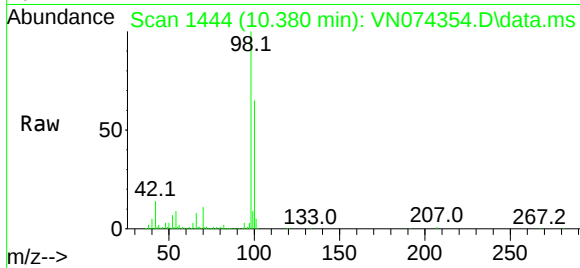




#63
Toluene-d8
Concen: 30.100 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074354.D
Acq: 08 Sep 2022 13:12

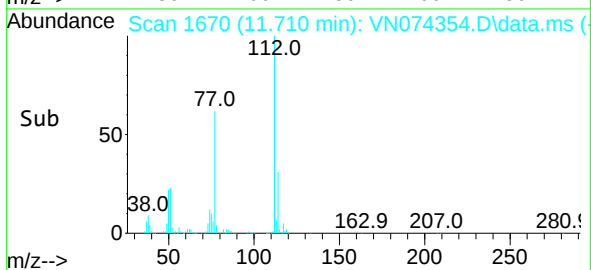
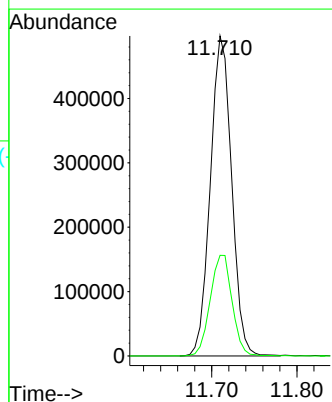
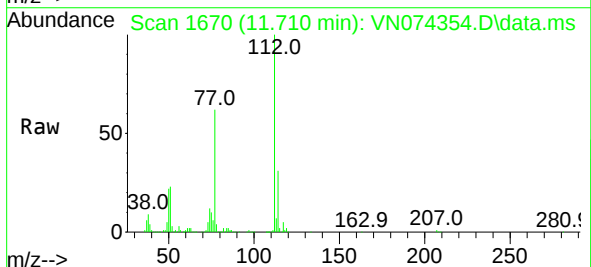
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MSVOA_N
ClientSampleId :
VSTDICC050

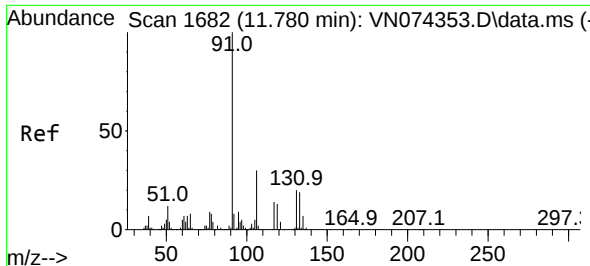
Tgt Ion: 98 Resp: 678505
Ion Ratio Lower Upper
98 100
100 65.0 50.6 76.0



#64
Chlorobenzene
Concen: 51.084 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VN074354.D
Acq: 08 Sep 2022 13:12

Tgt Ion: 112 Resp: 862662
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.6

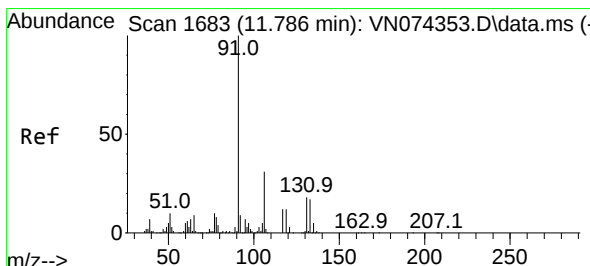
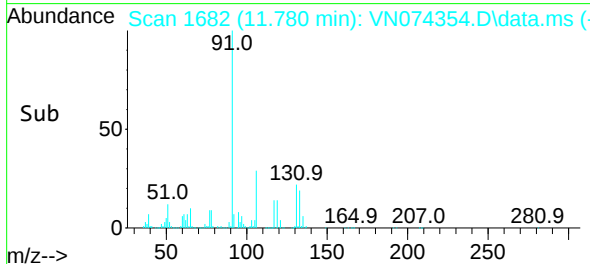
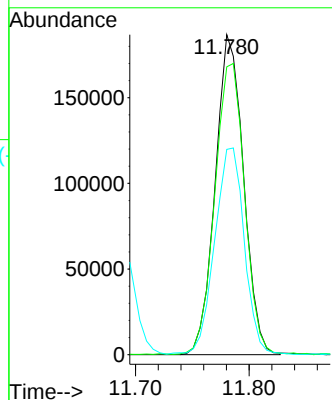
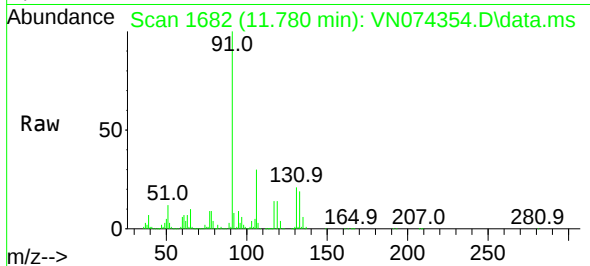




#65
1,1,1,2-Tetrachloroethane
Concen: 51.073 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN074354.D
Acq: 08 Sep 2022 13:12

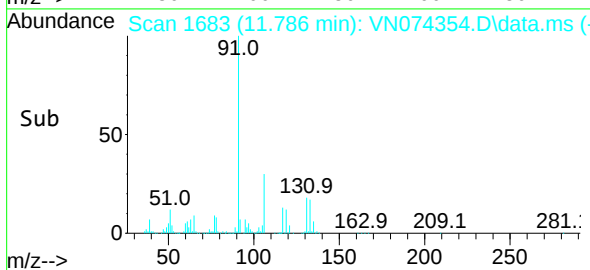
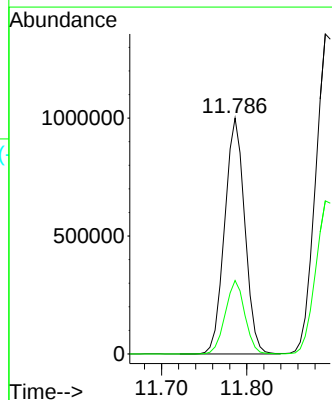
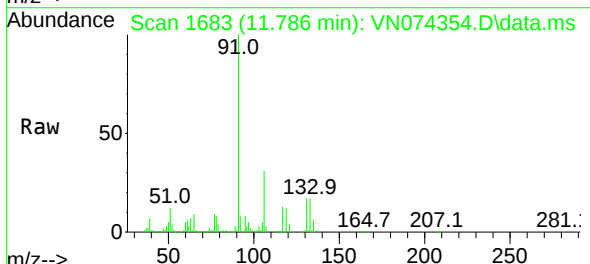
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

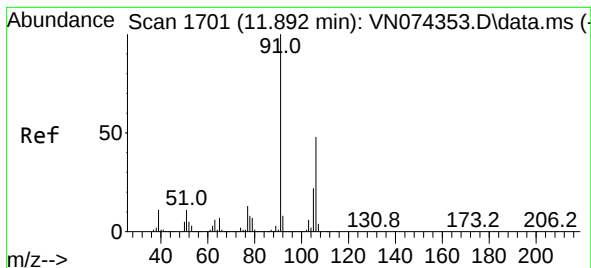
Tgt Ion:131 Resp: 323279
Ion Ratio Lower Upper
131 100
133 95.6 0.0 191.2
119 67.4 0.0 128.8



#66
Ethyl Benzene
Concen: 53.775 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN074354.D
Acq: 08 Sep 2022 13:12

Tgt Ion: 91 Resp: 1645512
Ion Ratio Lower Upper
91 100
106 31.1 24.0 36.0

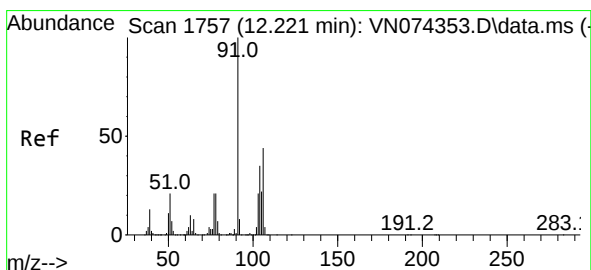
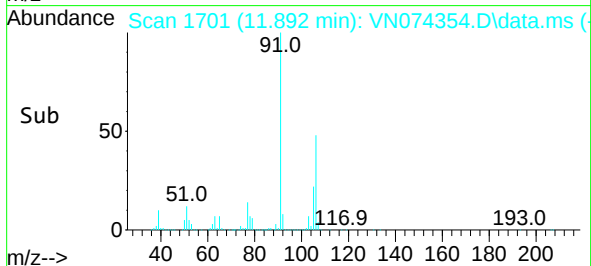
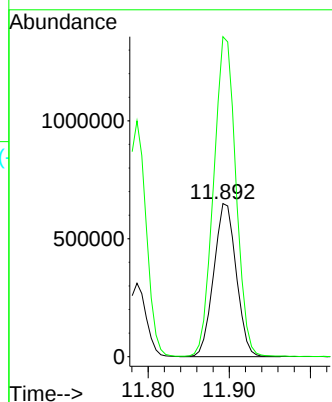
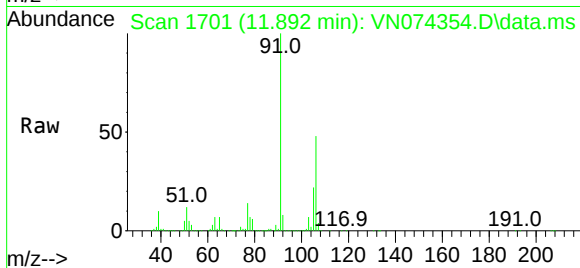




#67
m/p-Xylenes
Concen: 106.854 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN074354.D
Acq: 08 Sep 2022 13:12

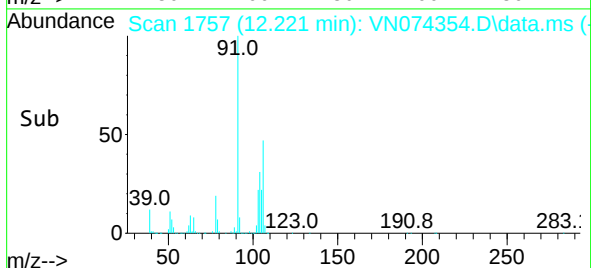
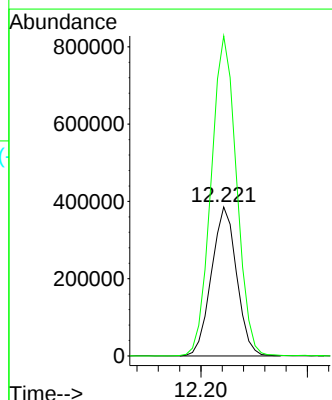
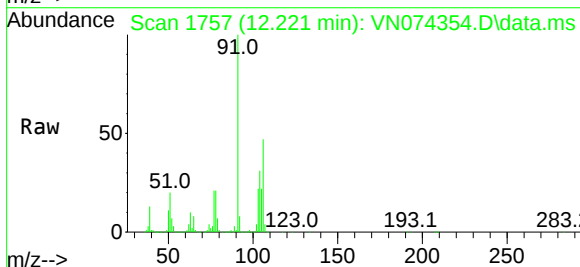
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

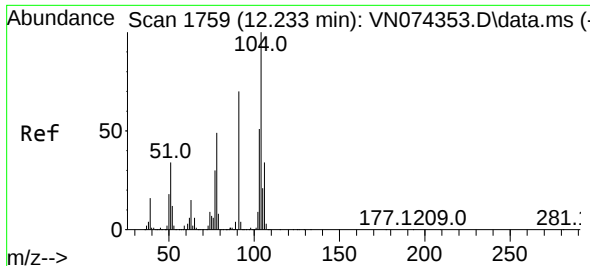
Tgt Ion:106 Resp: 1248041
Ion Ratio Lower Upper
106 100
91 207.2 162.9 244.3



#68
o-Xylene
Concen: 54.212 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN074354.D
Acq: 08 Sep 2022 13:12

Tgt Ion:106 Resp: 631972
Ion Ratio Lower Upper
106 100
91 217.0 107.7 323.1

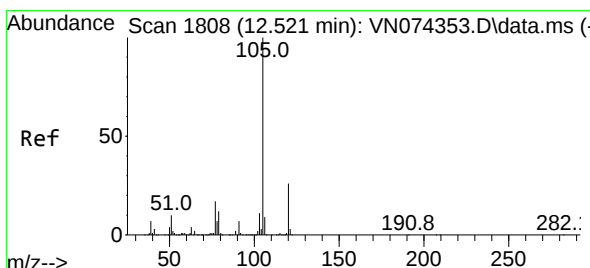
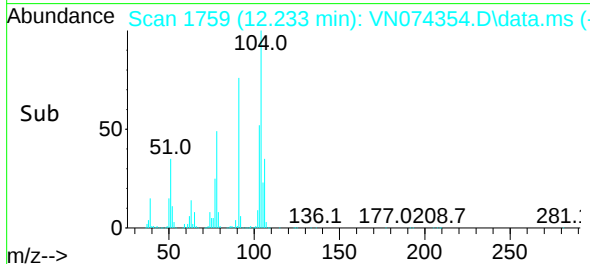
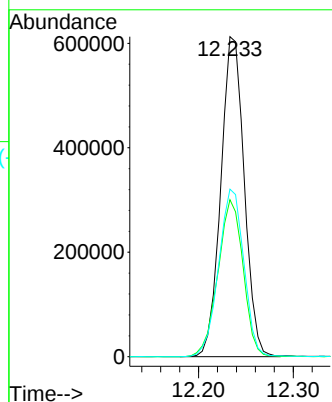
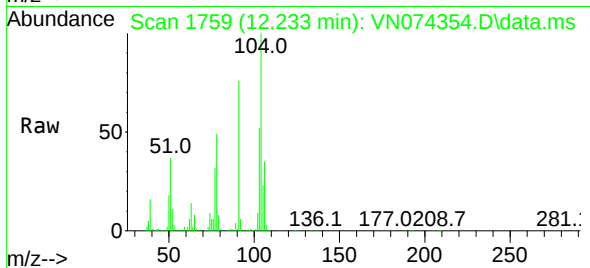




#69
Styrene
Concen: 55.279 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN074354.D
Acq: 08 Sep 2022 13:12

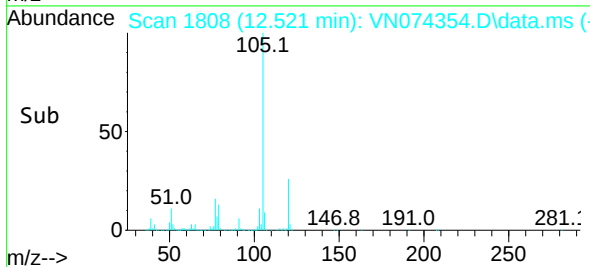
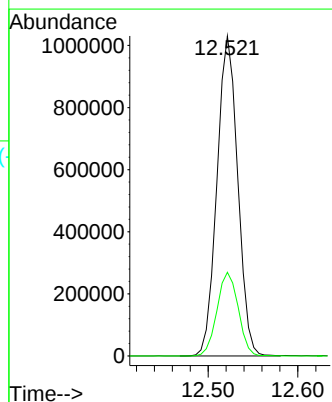
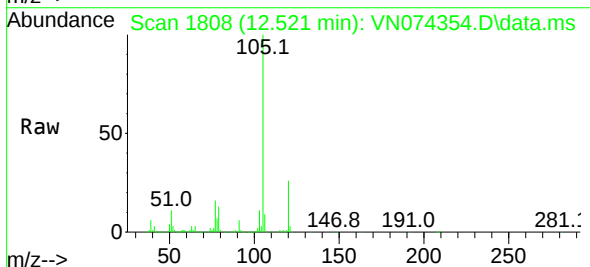
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

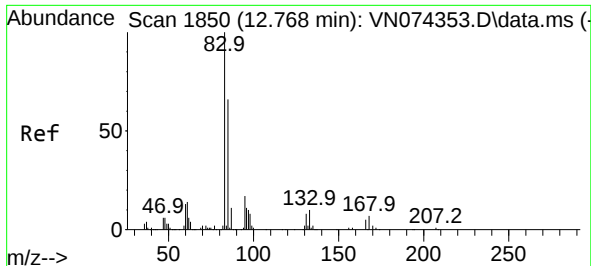
Tgt Ion:104 Resp: 1054079
Ion Ratio Lower Upper
104 100
78 52.6 40.7 61.1
103 56.5 45.8 68.8



#70
Isopropylbenzene
Concen: 55.505 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN074354.D
Acq: 08 Sep 2022 13:12

Tgt Ion:105 Resp: 1656308
Ion Ratio Lower Upper
105 100
120 26.7 18.3 34.1

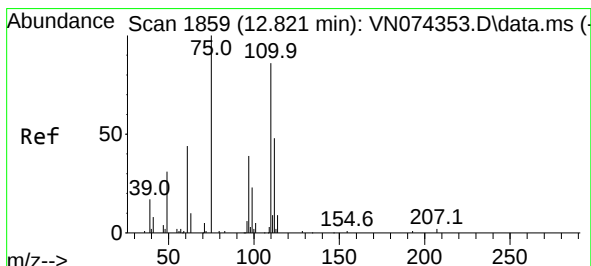
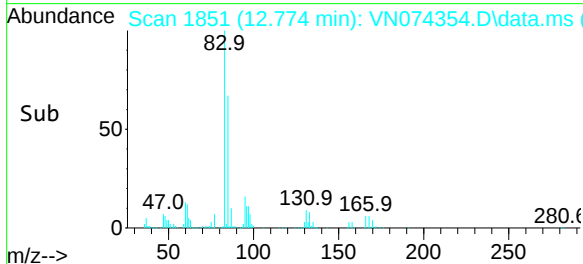
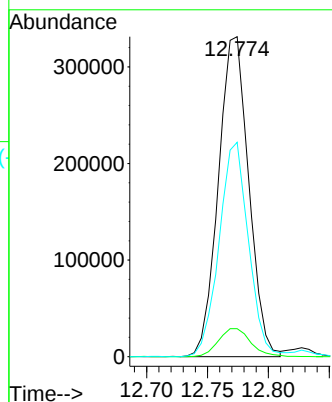
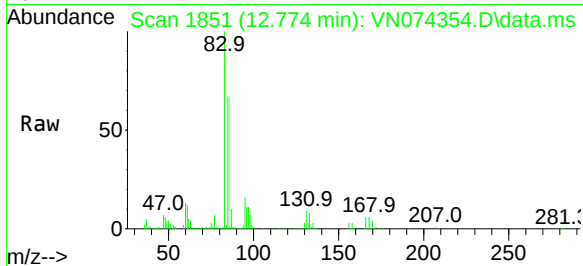




#71
 1,1,2,2-Tetrachloroethane
 Concen: 55.053 ug/l
 RT: 12.774 min Scan# 1851
 Delta R.T. 0.006 min
 Lab File: VN074354.D
 Acq: 08 Sep 2022 13:12

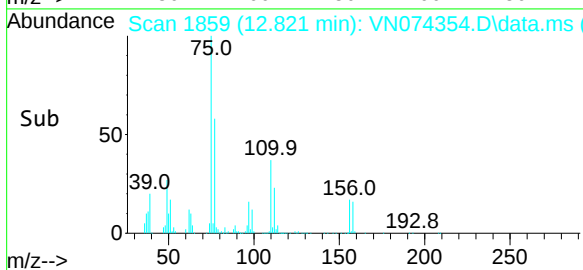
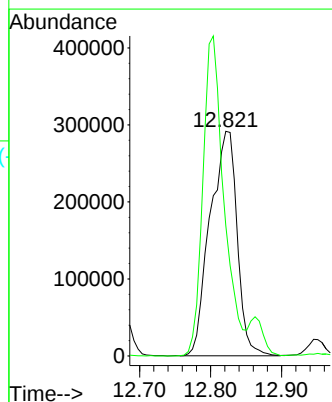
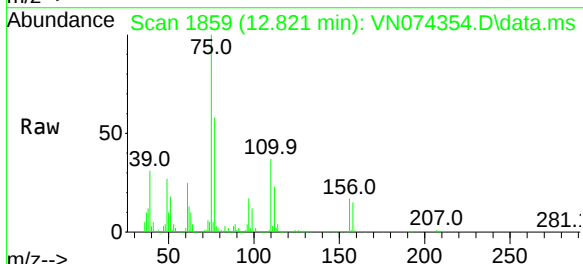
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

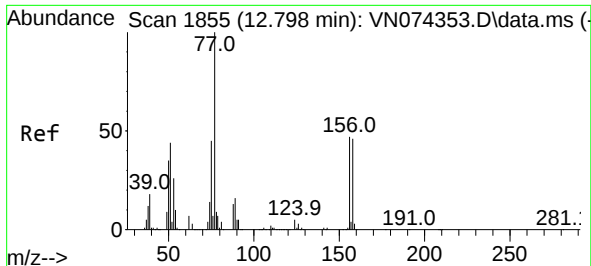
Tgt Ion: 83 Resp: 574177
 Ion Ratio Lower Upper
 83 100
 131 9.4 5.1 15.3
 85 65.0 33.1 99.2



#72
 1,2,3-Trichloropropane
 Concen: 84.267 ug/l
 RT: 12.821 min Scan# 1859
 Delta R.T. 0.000 min
 Lab File: VN074354.D
 Acq: 08 Sep 2022 13:12

Tgt Ion: 75 Resp: 770326
 Ion Ratio Lower Upper
 75 100
 77 112.2 0.0 378.0

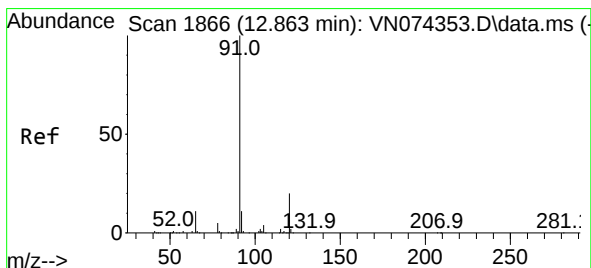
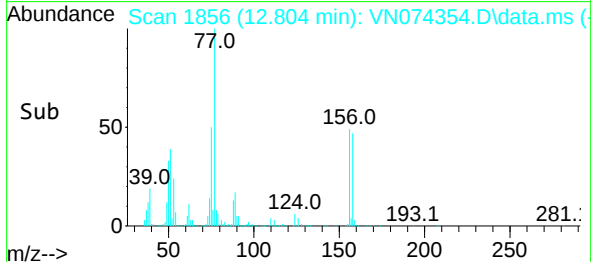
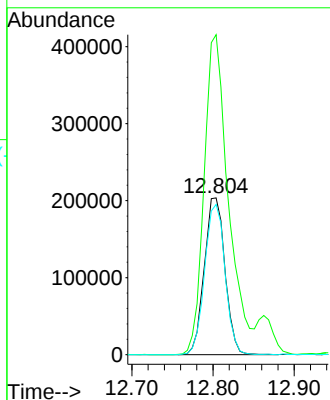
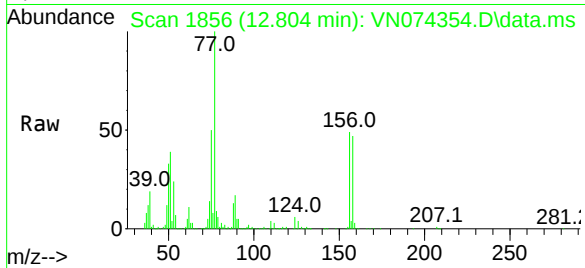




#73
Bromobenzene
Concen: 50.120 ug/l
RT: 12.804 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN074354.D
Acq: 08 Sep 2022 13:12

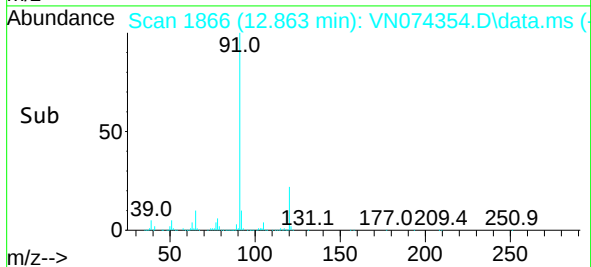
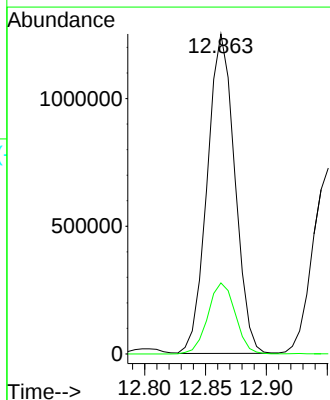
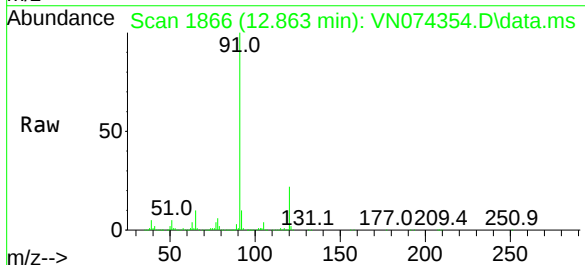
Instrument :
MSVOA_N
ClientSampleId :
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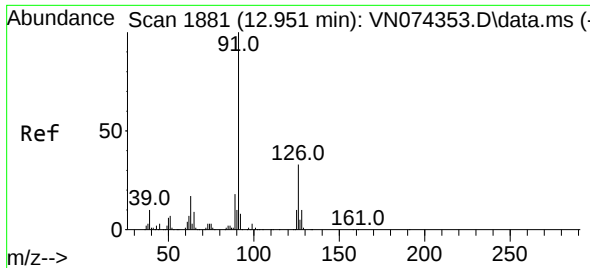
Tgt Ion:156 Resp: 360281
Ion Ratio Lower Upper
156 100
77 239.9 0.0 416.0
158 94.8 0.0 195.4



#74
n-propylbenzene
Concen: 56.866 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VN074354.D
Acq: 08 Sep 2022 13:12

Tgt Ion: 91 Resp: 1969301
Ion Ratio Lower Upper
91 100
120 22.1 0.0 45.0

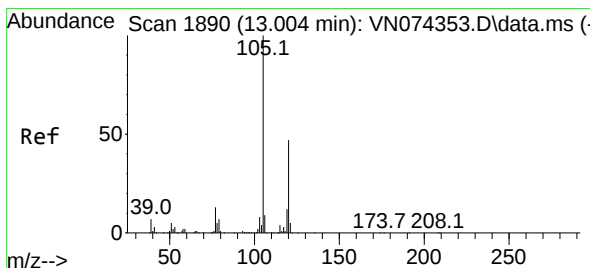
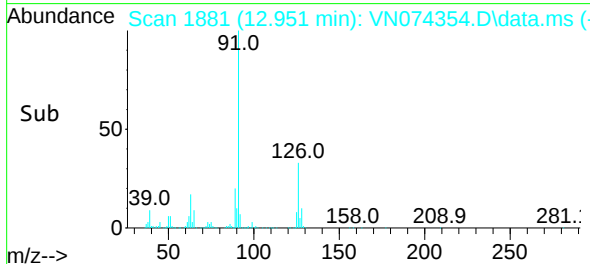
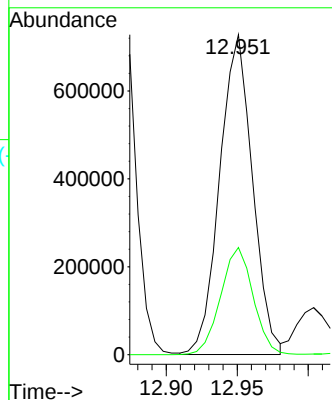
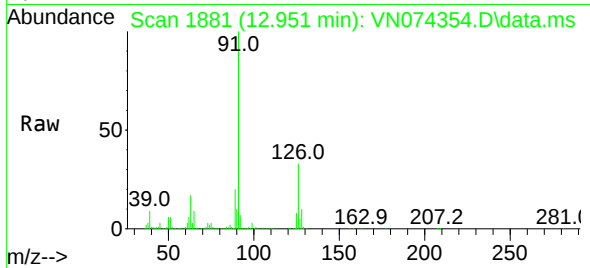




#75
2-Chlorotoluene
Concen: 56.496 ug/l
RT: 12.951 min Scan# 1881
Delta R.T. 0.000 min
Lab File: VN074354.D
Acq: 08 Sep 2022 13:12

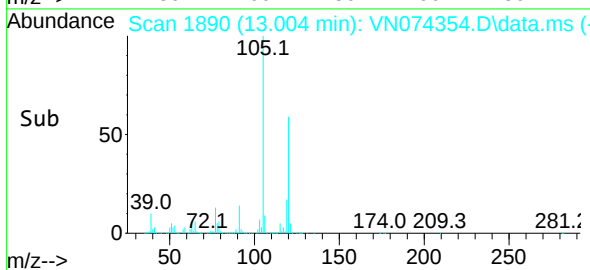
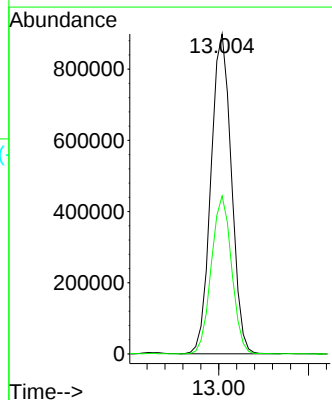
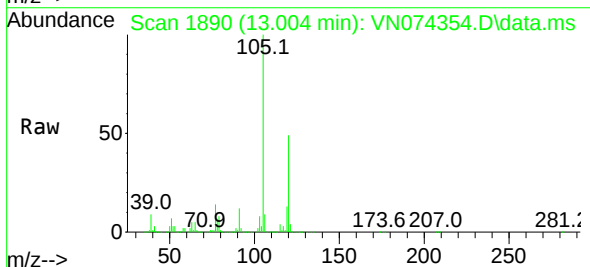
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

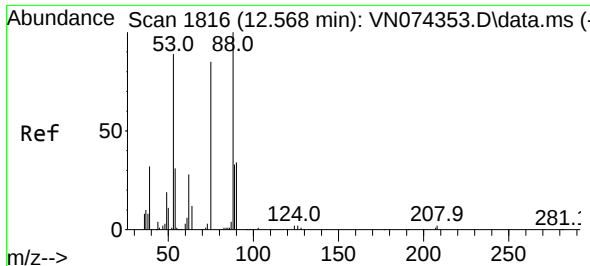
Tgt Ion: 91 Resp: 1169312
Ion Ratio Lower Upper
91 100
126 33.2 0.0 69.8



#76
1,3,5-Trimethylbenzene
Concen: 57.181 ug/l
RT: 13.004 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VN074354.D
Acq: 08 Sep 2022 13:12

Tgt Ion: 105 Resp: 1421288
Ion Ratio Lower Upper
105 100
120 49.0 0.0 93.8

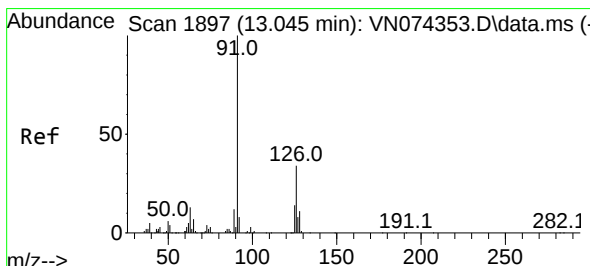
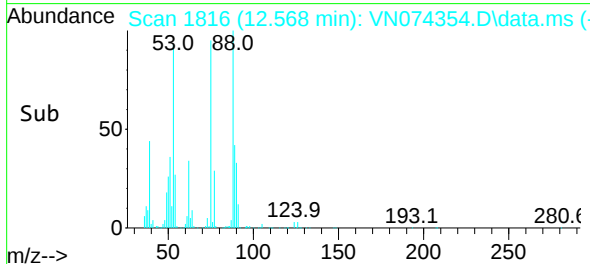
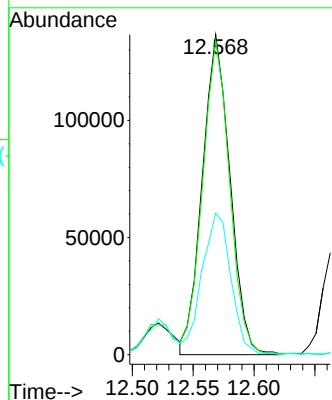
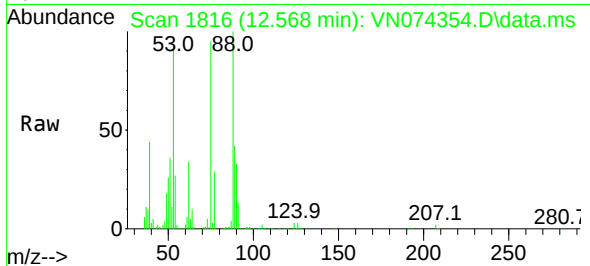




#77
t-1,4-Dichloro-2-butene
Concen: 64.425 ug/l
RT: 12.568 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN074354.D
Acq: 08 Sep 2022 13:12

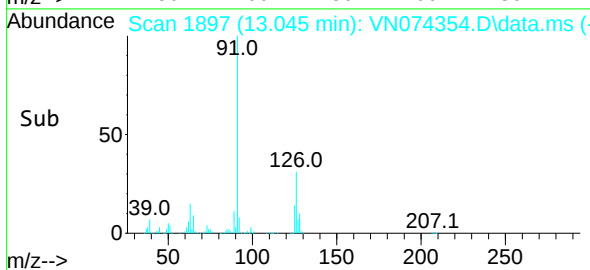
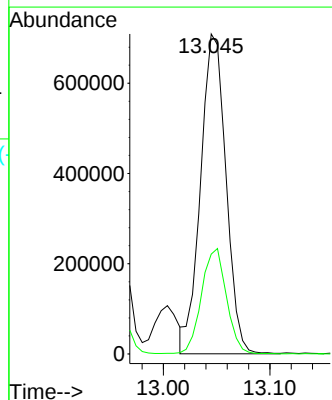
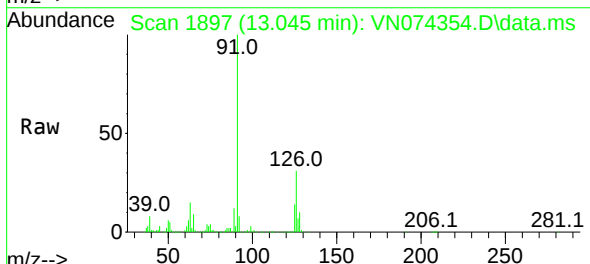
Instrument :
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ClientSampleId :
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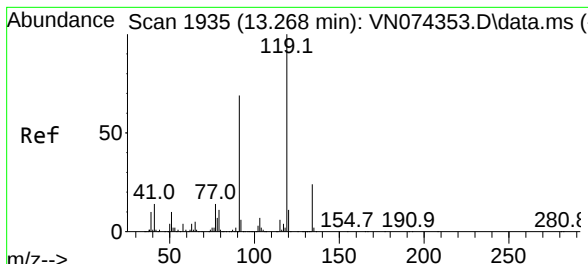
Tgt Ion: 75 Resp: 216244
Ion Ratio Lower Upper
75 100
53 97.9 51.8 155.5
89 44.3 22.9 68.7



#78
4-Chlorotoluene
Concen: 58.808 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VN074354.D
Acq: 08 Sep 2022 13:12

Tgt Ion: 91 Resp: 1173858
Ion Ratio Lower Upper
91 100
126 32.5 0.0 70.6

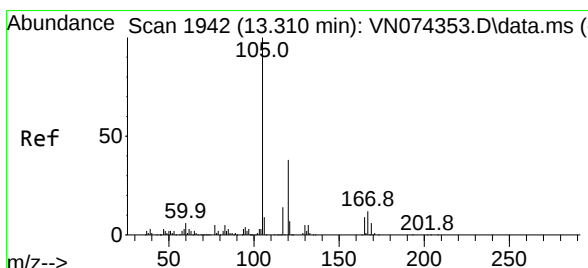
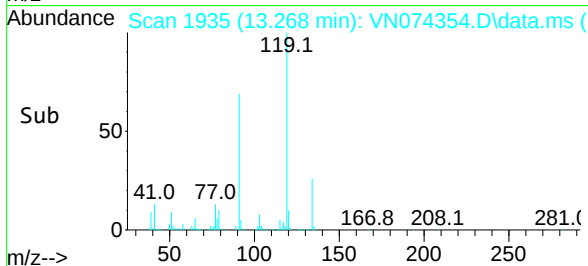
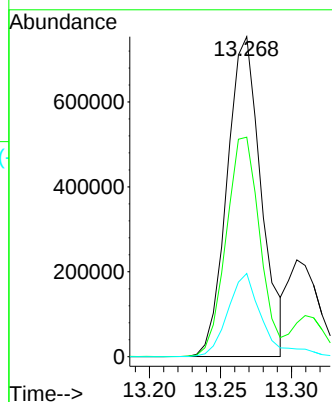
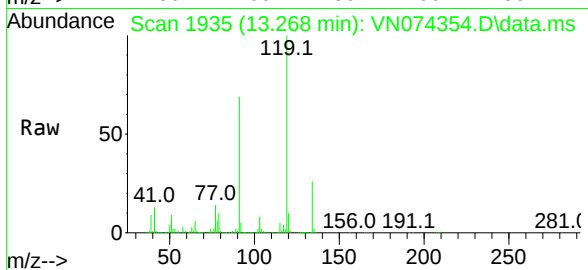




#79
tert-butylbenzene
Concen: 57.799 ug/l
RT: 13.268 min Scan# 1935
Delta R.T. 0.000 min
Lab File: VN074354.D
Acq: 08 Sep 2022 13:12

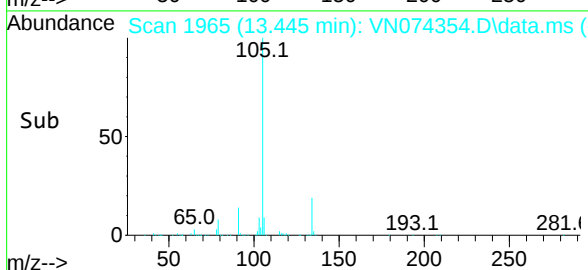
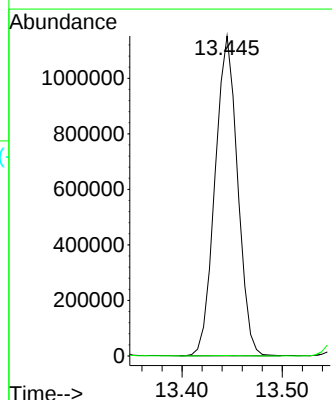
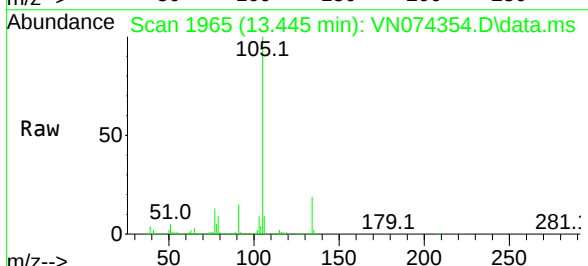
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

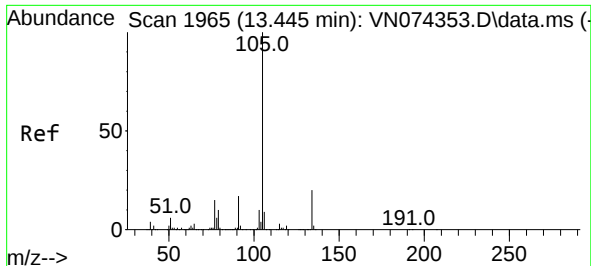
Tgt Ion:119 Resp: 1259974
Ion Ratio Lower Upper
119 100
91 67.7 0.0 137.0
134 26.4 0.0 47.6



#80
1,2,4-Trimethylbenzene
Concen: 72.665 ug/l
RT: 13.445 min Scan# 1965
Delta R.T. 0.135 min
Lab File: VN074354.D
Acq: 08 Sep 2022 13:12

Tgt Ion:105 Resp: 1799290
Ion Ratio Lower Upper
105 100
120 0.1 0.0 0.2

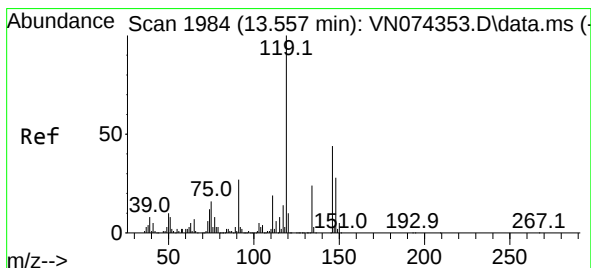
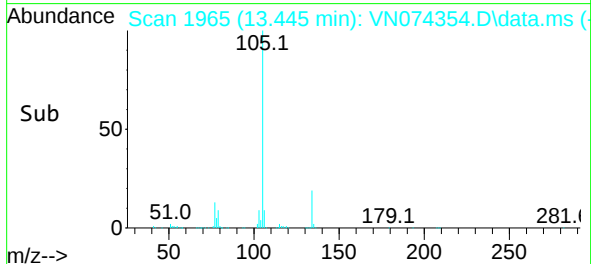
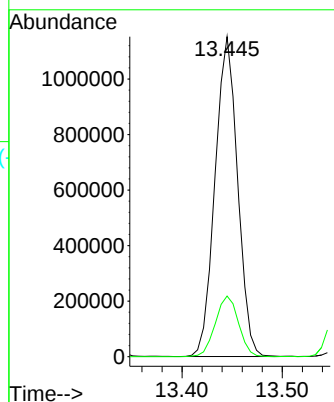
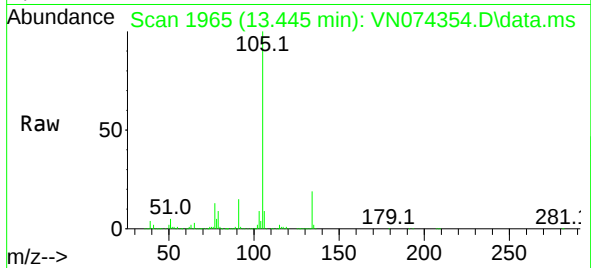




#81
 sec-Butylbenzene
 Concen: 58.269 ug/l
 RT: 13.445 min Scan# 1965
 Delta R.T. 0.000 min
 Lab File: VN074354.D
 Acq: 08 Sep 2022 13:12

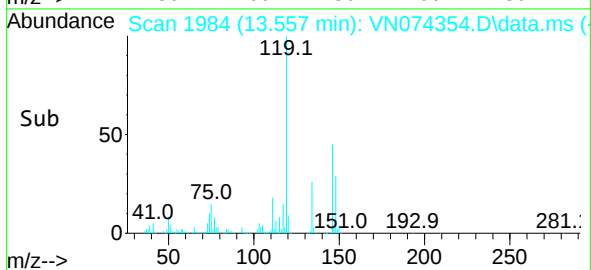
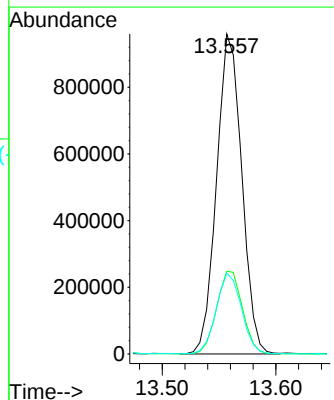
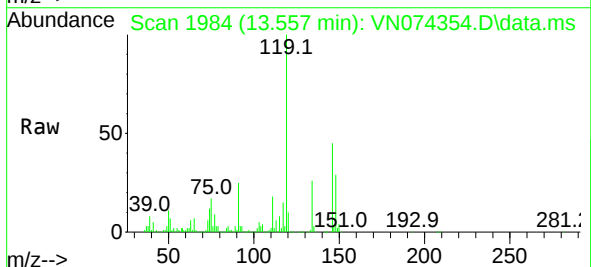
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

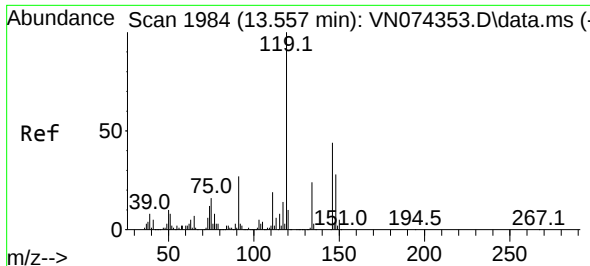
Tgt Ion:105 Resp: 1798570
 Ion Ratio Lower Upper
 105 100
 134 19.5 0.0 39.4



#82
 p-Isopropyltoluene
 Concen: 58.264 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN074354.D
 Acq: 08 Sep 2022 13:12

Tgt Ion:119 Resp: 1478825
 Ion Ratio Lower Upper
 119 100
 134 26.5 0.0 51.8
 91 25.1 0.0 50.4

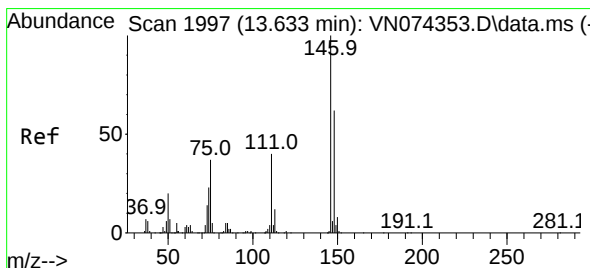
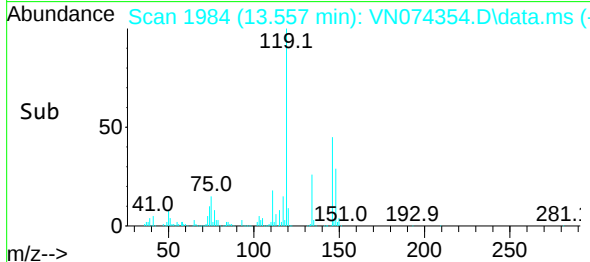
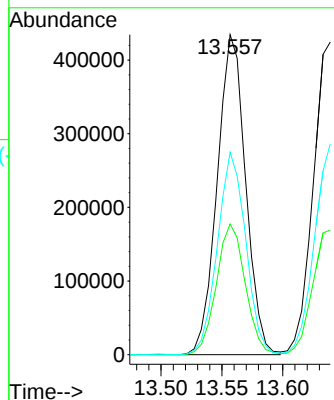
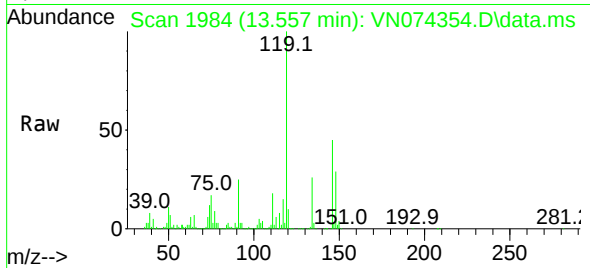




#83
1,3-Dichlorobenzene
Concen: 53.396 ug/l
RT: 13.557 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VN074354.D
Acq: 08 Sep 2022 13:12

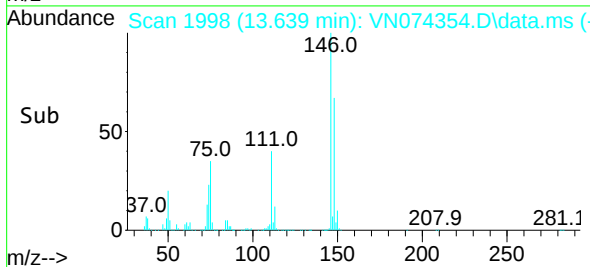
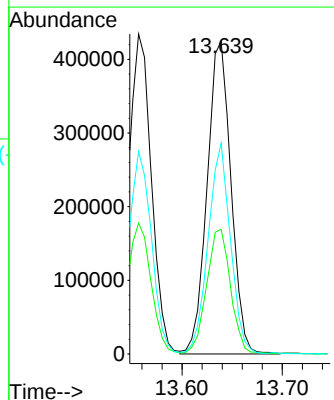
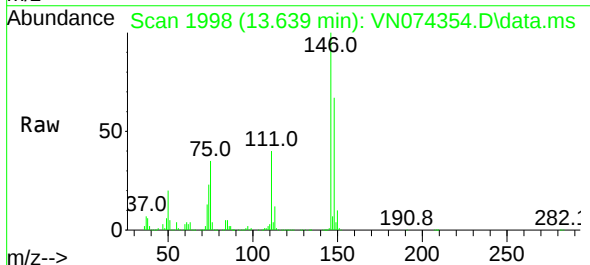
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

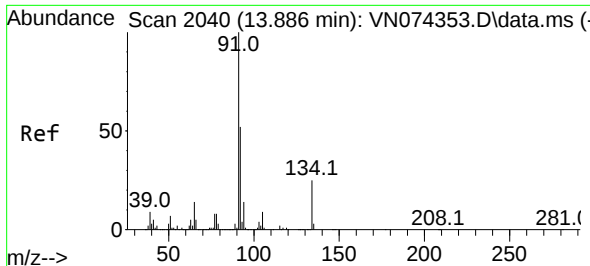
Tgt Ion:146 Resp: 704848
Ion Ratio Lower Upper
146 100
111 41.5 20.8 62.2
148 63.2 31.4 94.3



#84
1,4-Dichlorobenzene
Concen: 55.100 ug/l
RT: 13.639 min Scan# 1998
Delta R.T. 0.006 min
Lab File: VN074354.D
Acq: 08 Sep 2022 13:12

Tgt Ion:146 Resp: 703409
Ion Ratio Lower Upper
146 100
111 40.1 19.5 58.5
148 62.9 31.1 93.5

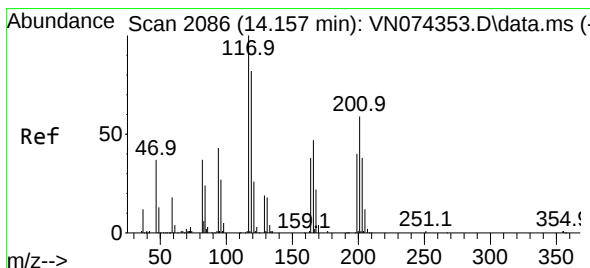
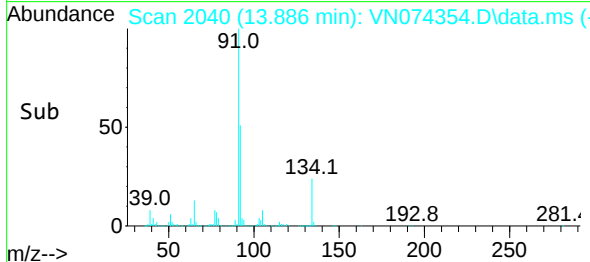
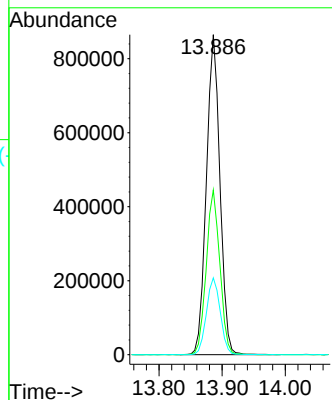
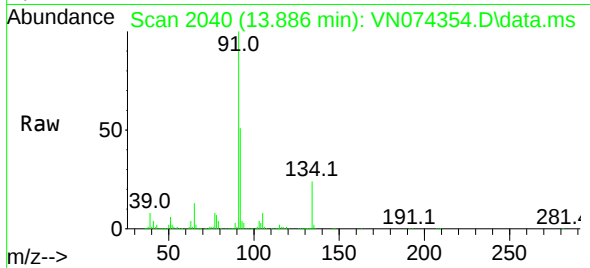




#85
n-Butylbenzene
Concen: 61.226 ug/l
RT: 13.886 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VN074354.D
Acq: 08 Sep 2022 13:12

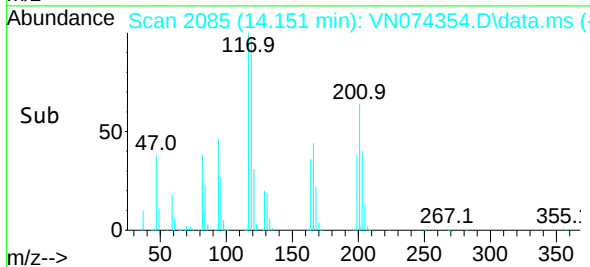
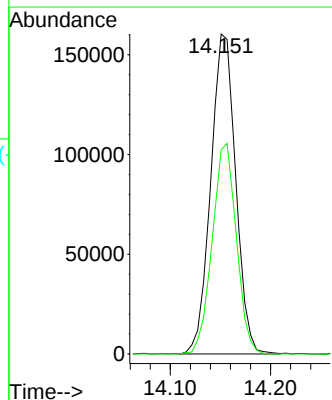
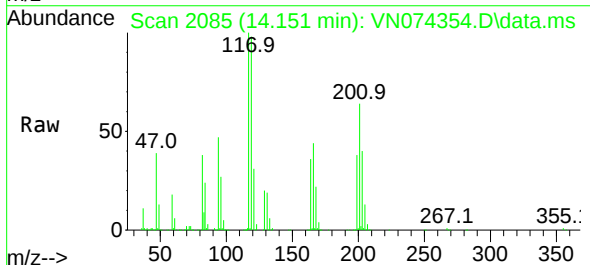
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

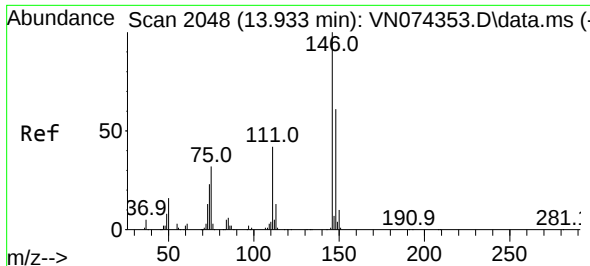
Tgt Ion: 91 Resp: 1290052
Ion Ratio Lower Upper
91 100
92 51.6 0.0 100.6
134 24.5 0.0 50.2



#86
Hexachloroethane
Concen: 58.387 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. -0.006 min
Lab File: VN074354.D
Acq: 08 Sep 2022 13:12

Tgt Ion: 117 Resp: 277616
Ion Ratio Lower Upper
117 100
201 63.6 33.3 99.8





#87

1,2-Dichlorobenzene

Concen: 53.546 ug/l

RT: 13.933 min Scan# 2048

Delta R.T. 0.000 min

Lab File: VN074354.D

Acq: 08 Sep 2022 13:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

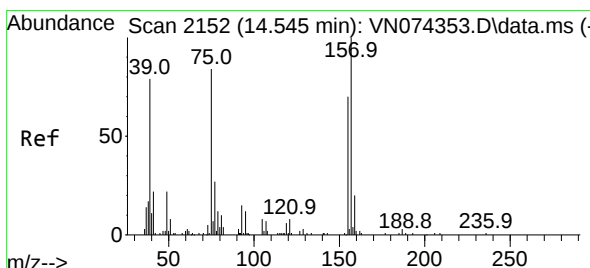
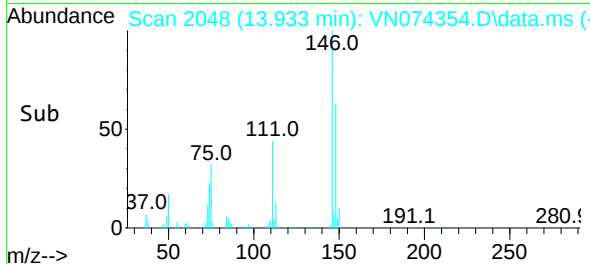
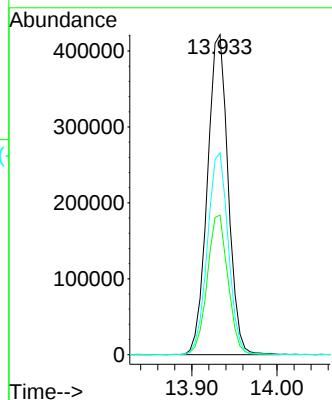
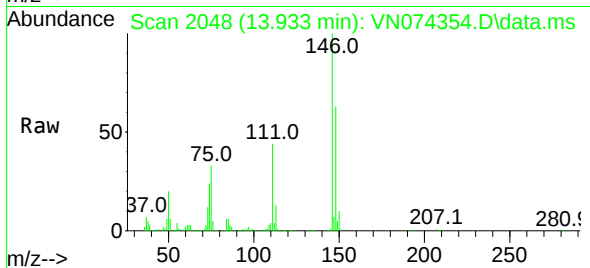
Tgt Ion:146 Resp: 714536

Ion Ratio Lower Upper

146 100

111 43.1 21.4 64.2

148 63.3 32.5 97.4



#88

1,2-Dibromo-3-Chloropropane

Concen: 60.580 ug/l

RT: 14.545 min Scan# 2152

Delta R.T. 0.000 min

Lab File: VN074354.D

Acq: 08 Sep 2022 13:12

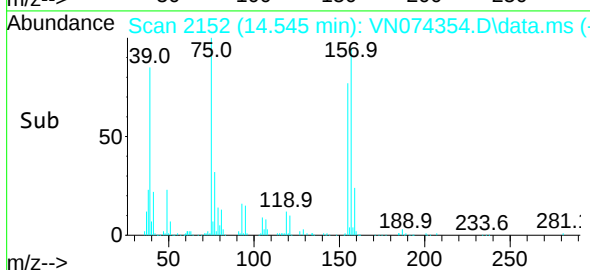
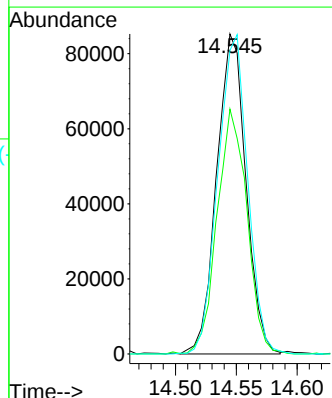
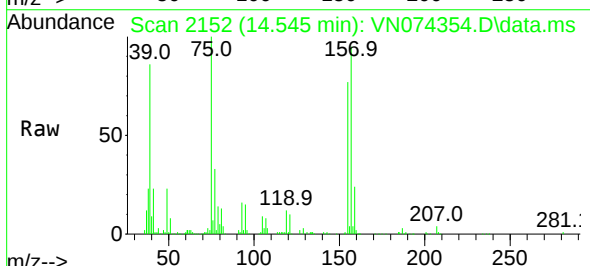
Tgt Ion: 75 Resp: 142750

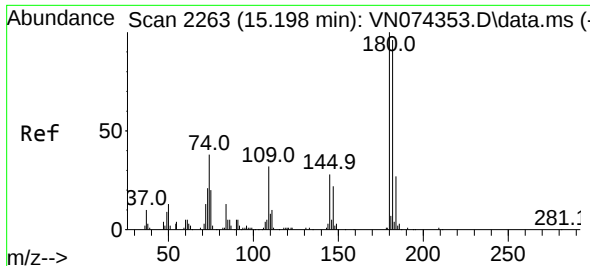
Ion Ratio Lower Upper

75 100

155 77.8 63.8 95.8

157 101.3 77.9 116.9

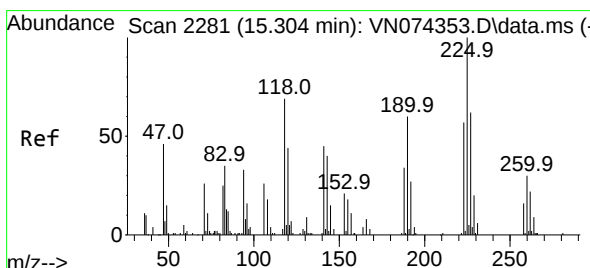
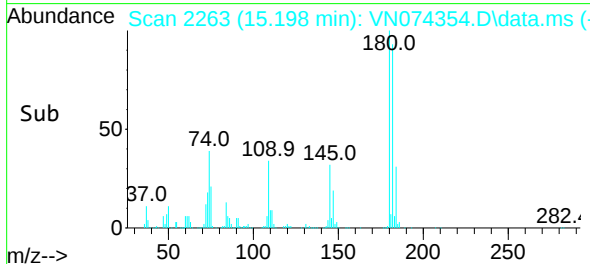
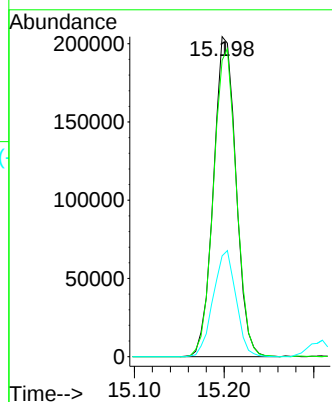
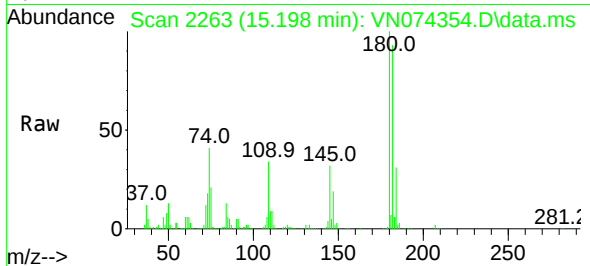




#89
1,2,4-Trichlorobenzene
Concen: 48.321 ug/l
RT: 15.198 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN074354.D
Acq: 08 Sep 2022 13:12

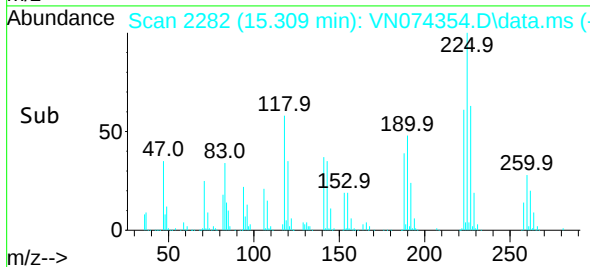
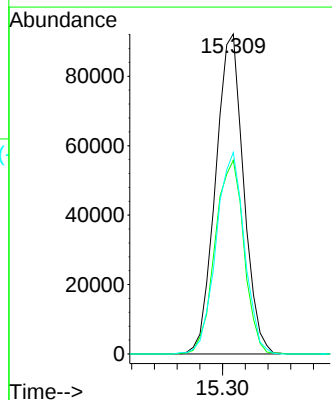
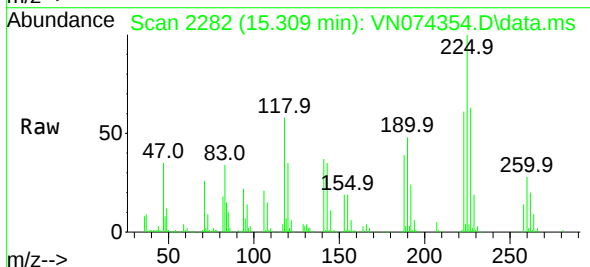
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

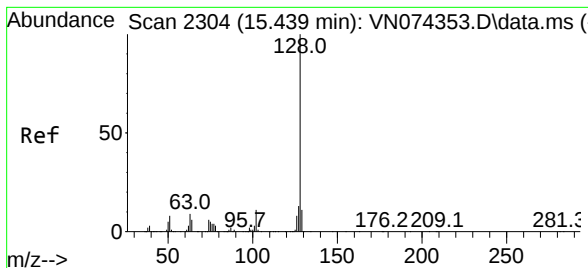
Tgt Ion:180 Resp: 357726
Ion Ratio Lower Upper
180 100
182 97.3 77.7 116.5
145 33.4 26.6 39.8



#90
Hexachlorobutadiene
Concen: 43.517 ug/l
RT: 15.309 min Scan# 2282
Delta R.T. 0.006 min
Lab File: VN074354.D
Acq: 08 Sep 2022 13:12

Tgt Ion:225 Resp: 157828
Ion Ratio Lower Upper
225 100
223 62.2 0.0 126.8
227 63.6 0.0 123.0





#91

Naphthalene

Concen: 59.027 ug/l

RT: 15.439 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN074354.D

Acq: 08 Sep 2022 13:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

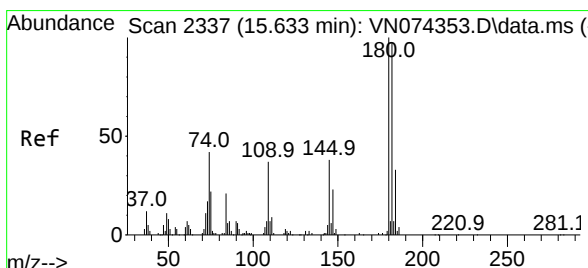
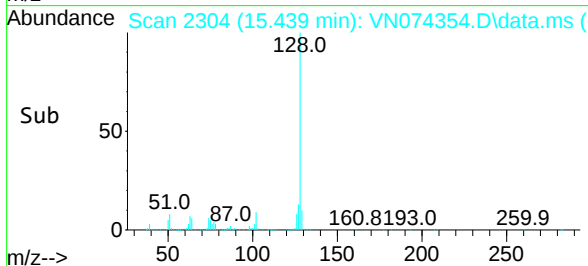
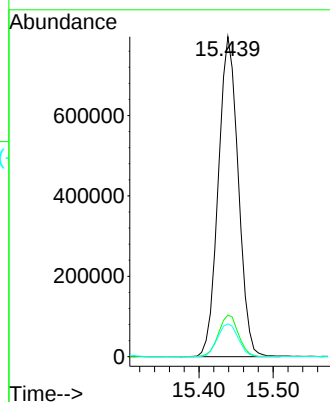
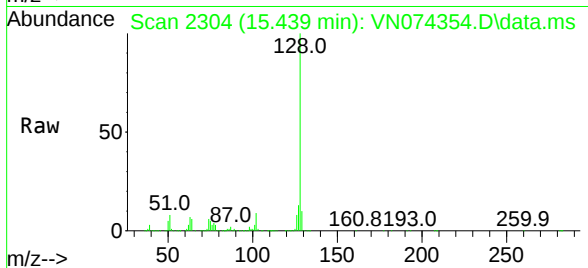
Tgt Ion:128 Resp: 1490681

Ion Ratio Lower Upper

128 100

127 13.1 10.7 16.1

129 10.6 9.0 13.6



#92

1,2,3-Trichlorobenzene

Concen: 49.382 ug/l

RT: 15.633 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VN074354.D

Acq: 08 Sep 2022 13:12

Tgt Ion:180 Resp: 370444

Ion Ratio Lower Upper

180 100

182 96.3 0.0 190.0

145 34.4 0.0 67.8

