

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072722\
 Data File : VN073603.D
 Acq On : 27 Jul 2022 13:07
 Operator : JC\MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: Jul 27 13:29:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 27 13:25:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.587	128	67734	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.904	114	372461	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.687	117	362970	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.369	65	168244	26.245	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	87.467%#		
60) 4-Bromofluorobenzene	12.669	95	198615	28.916	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	96.400%		
63) Toluene-d8	10.381	98	583563	29.311	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	97.700%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	649414	126.634	ug/l	99
3) Chloromethane	2.264	50	797829	149.901	ug/l	97
4) Vinyl Chloride	2.405	62	1002889	196.550	ug/l	99
5) Bromomethane	2.775	94	274047	137.126	ug/l	100
6) Chloroethane	2.934	64	657102	202.999	ug/l	98
7) Trichlorofluoromethane	3.299	101	1027620	127.558	ug/l	99
8) Diethyl Ether	3.758	74	425522	131.049	ug/l	100
10) 1,1-Dichloroethene	4.105	96	616798	135.616	ug/l	98
11) Methyl Iodide	4.346	142	823604	181.745	ug/l	90
12) Methyl Acetate	4.769	43	1018803	110.620	ug/l	98
13) Acrolein	3.975	56	959795	932.398	ug/l	96
14) Acrylonitrile	5.475	53	2395273	659.947	ug/l	99
15) Acetone	4.216	58	633801	639.033	ug/l	90
16) Carbon Disulfide	4.452	76	1706315	140.269	ug/l	99
17) Allyl chloride	4.758	41	1021019	120.191	ug/l	88
18) Methylene Chloride	5.010	84	736865	133.974	ug/l	98
19) trans-1,2-Dichloroethene	5.510	96	680927	140.218	ug/l	98
20) Diisopropyl ether	6.410	45	2186685	121.605	ug/l	95
21) 1,1-Dichloroethane	6.299	63	1264951	131.453	ug/l	98
22) cis-1,2-Dichloroethene	7.246	96	831864	144.192	ug/l	94
23) tert-Butyl Alcohol	5.293	59	894220	618.318	ug/l #	100
24) Methyl tert-Butyl Ether	5.528	73	2221992	132.557	ug/l	92
25) Chloroform	7.746	83	1304731	134.969	ug/l	99
26) Cyclohexane	8.022	56	1118696	133.648	ug/l #	97
29) 1,1-Dichloropropene	8.151	75	985415	144.745	ug/l	98
30) 2-Butanone	7.257	43	3300395	645.172	ug/l	99
31) 2,2-Dichloropropane	7.246	77	997926	246.376	ug/l	98
32) 1,1,1-Trichloroethane	7.940	97	1129571	136.334	ug/l	99
33) Carbon Tetrachloride	8.134	117	984227	140.878	ug/l	97
34) Benzene	8.393	78	3075542	144.357	ug/l	96
35) Methacrylonitrile	7.563	41	458211	100.489	ug/l	96
36) 1,2-Dichloroethane	8.463	62	988829	127.536	ug/l #	95
37) Trichloroethene	9.151	130	800110	151.278	ug/l	98
38) Methylcyclohexane	9.393	83	1260171	156.369	ug/l	98
39) 1,2-Dichloropropane	9.428	63	764600	138.893	ug/l	97
40) Dibromomethane	9.510	93	531543	143.019	ug/l	87
41) Bromodichloromethane	9.698	83	1047548	140.130	ug/l	96
42) Vinyl Acetate	6.346	43	9971164	637.320	ug/l	96
43) Ethyl Acetate	7.340	43	1234127	131.156	ug/l	96

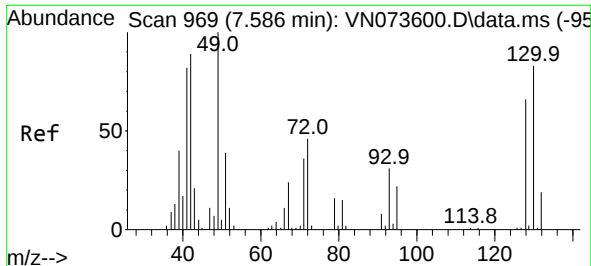
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072722\
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Isopropyl Acetate	8.493	43	1842187	125.423	ug/l	97
45) 1,4-Dioxane	9.504	88	427987	3097.126	ug/l	97
46) Methyl methacrylate	9.498	41	835381	125.269	ug/l	85
47) n-amyl Acetate	12.328	43	1592034	135.694	ug/l	99
48) t-1,3-Dichloropropene	10.657	75	1193581	169.538	ug/l	100
49) cis-1,3-Dichloropropene	10.128	75	1276301	165.662	ug/l #	88
50) 1,1,2-Trichloroethane	10.839	97	798561	148.047	ug/l	99
51) Ethyl methacrylate	10.704	69	1332932	149.924	ug/l	86
52) 1,3-Dichloropropane	10.987	76	1347650	145.272	ug/l	99
53) Dibromochloromethane	11.181	129	871047	154.954	ug/l	100
54) 1,2-Dibromoethane	11.287	107	853103	151.228	ug/l	96
55) 2-Chloroethyl vinyl ether	9.981	63	3126001	818.009	ug/l	99
56) Bromoform	12.398	173	728162	175.900	ug/l #	99
58) 4-Methyl-2-Pentanone	10.269	43	6556900	634.287	ug/l	94
59) 2-Hexanone	11.028	43	5071497	641.640	ug/l	92
61) Tetrachloroethene	10.916	164	771504	157.976	ug/l	91
62) Toluene	10.445	91	3466441	142.421	ug/l	98
64) Chlorobenzene	11.710	112	2160185	148.292	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.781	131	814250	147.592	ug/l	99
66) Ethyl Benzene	11.787	91	3959321	148.707	ug/l	97
67) m/p-Xylenes	11.892	106	3054525	304.620	ug/l	97
68) o-Xylene	12.222	106	1519932	151.376	ug/l	97
69) Styrene	12.234	104	2573161	158.569	ug/l	96
70) Isopropylbenzene	12.522	105	3916399	151.888	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.769	83	1255901	139.746	ug/l	99
72) 1,2,3-Trichloropropane	12.822	75	1684053	238.794	ug/l	49
73) Bromobenzene	12.798	156	977552	160.874	ug/l	95
74) n-propylbenzene	12.863	91	4542932	154.089	ug/l	98
75) 2-Chlorotoluene	12.945	91	2653016	145.043	ug/l	99
76) 1,3,5-Trimethylbenzene	12.998	105	3244782	150.422	ug/l	94
77) t-1,4-Dichloro-2-butene	12.569	75	451921	198.670	ug/l	87
78) 4-Chlorotoluene	13.045	91	2617538	149.013	ug/l	99
79) tert-butylbenzene	13.263	119	2884722	152.972	ug/l	94
80) 1,2,4-Trimethylbenzene	13.439	105	4158367	196.595	ug/l	100
81) sec-Butylbenzene	13.439	105	4158367	161.325	ug/l	97
82) p-Isopropyltoluene	13.557	119	3549006	169.730	ug/l	96
83) 1,3-Dichlorobenzene	13.557	146	1819478	169.037	ug/l	97
84) 1,4-Dichlorobenzene	13.633	146	1775077	165.735	ug/l	97
85) n-Butylbenzene	13.880	91	3008312	176.394	ug/l	95
86) Hexachloroethane	14.151	117	628453	154.222	ug/l	78
87) 1,2-Dichlorobenzene	13.928	146	1801387	159.796	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.539	75	307926	138.743	ug/l #	73
89) 1,2,4-Trichlorobenzene	15.198	180	1141028	194.045	ug/l	97
90) Hexachlorobutadiene	15.304	225	541162	214.774	ug/l	98
91) Naphthalene	15.433	128	3754947	168.792	ug/l	99
92) 1,2,3-Trichlorobenzene	15.627	180	1135165	188.166	ug/l	98

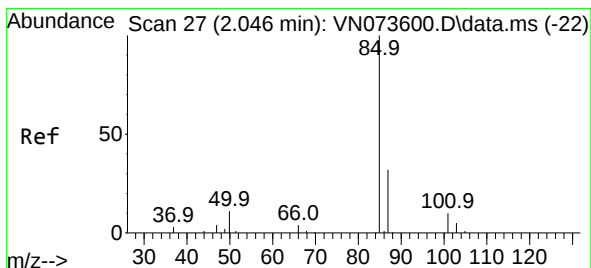
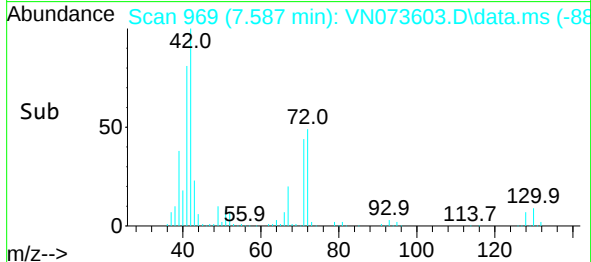
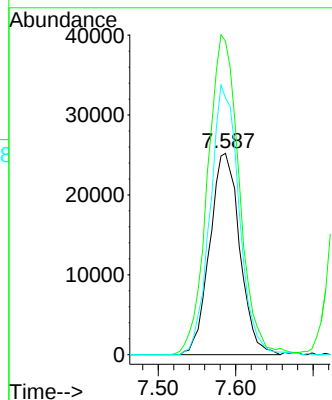
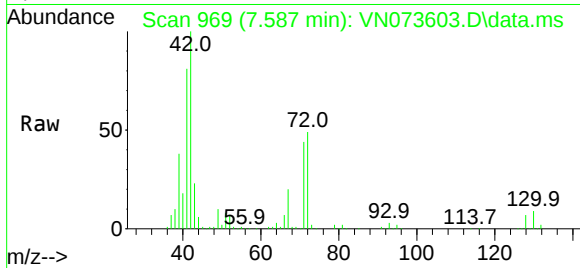
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.587 min Scan# 969
Delta R.T. 0.001 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

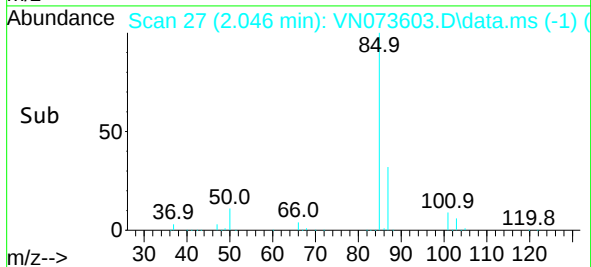
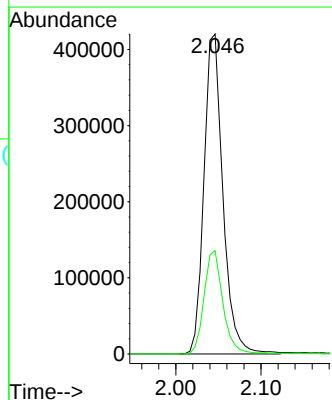
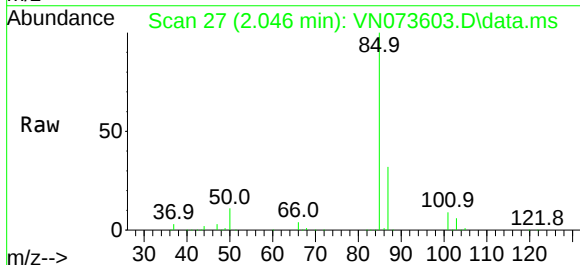
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

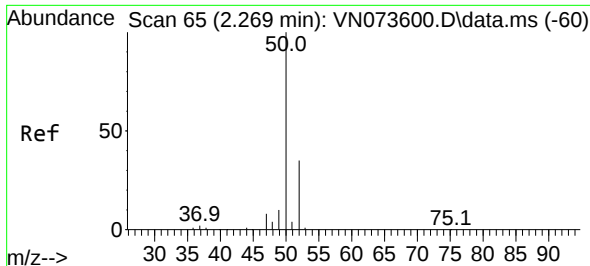
Tgt Ion:128 Resp: 67734
Ion Ratio Lower Upper
128 100
49 166.8 0.0 392.3
130 129.9 0.0 320.2



#2
Dichlorodifluoromethane
Concen: 126.634 ug/l
RT: 2.046 min Scan# 27
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

Tgt Ion: 85 Resp: 649414
Ion Ratio Lower Upper
85 100
87 32.3 16.6 49.7

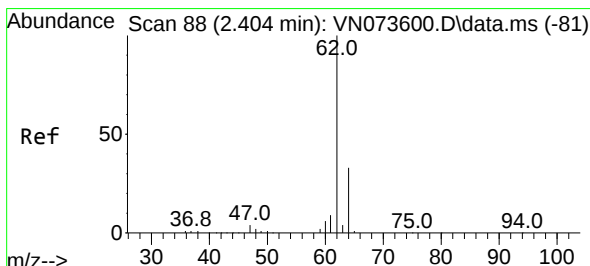
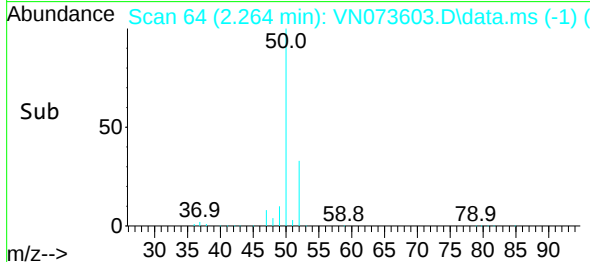
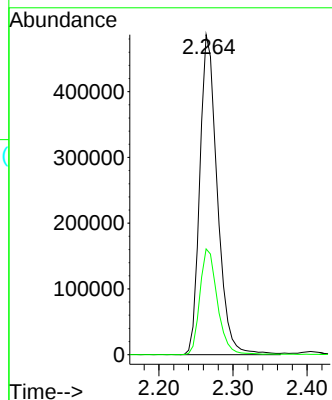
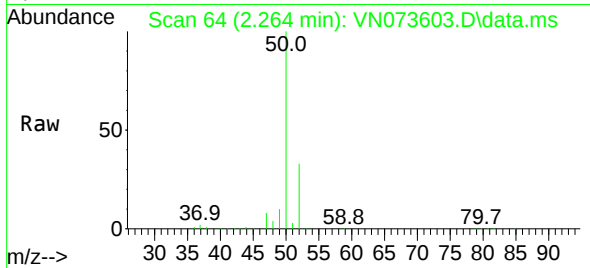




#3
Chloromethane
Concen: 149.901 ug/l
RT: 2.264 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

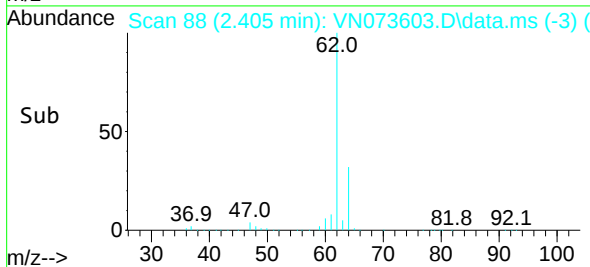
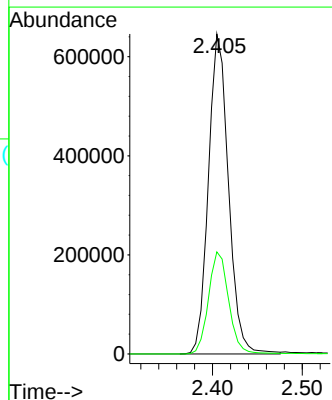
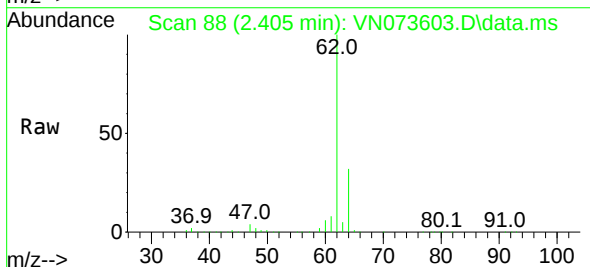
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

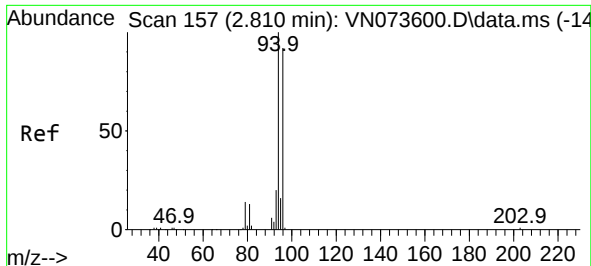
Tgt Ion: 50 Resp: 797829
Ion Ratio Lower Upper
50 100
52 33.0 27.8 41.6



#4
Vinyl Chloride
Concen: 196.550 ug/l
RT: 2.405 min Scan# 88
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

Tgt Ion: 62 Resp: 1002889
Ion Ratio Lower Upper
62 100
64 31.9 25.1 37.7

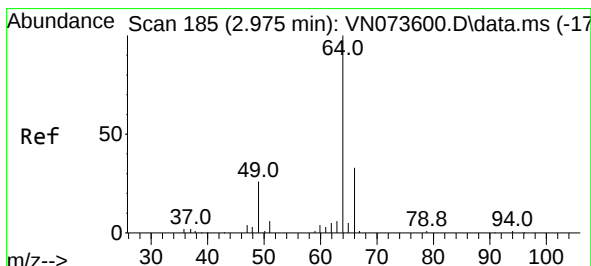
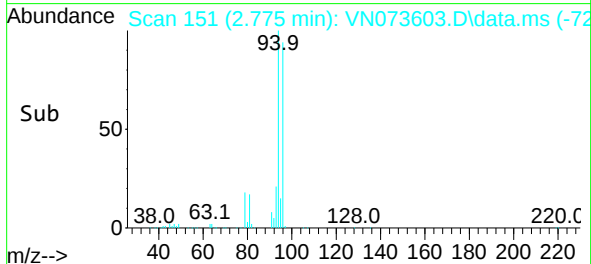
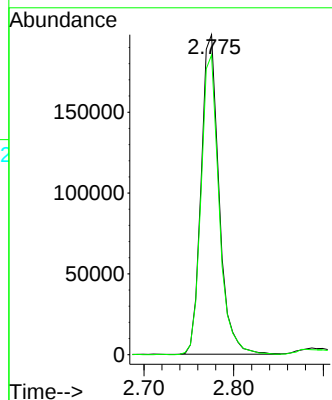
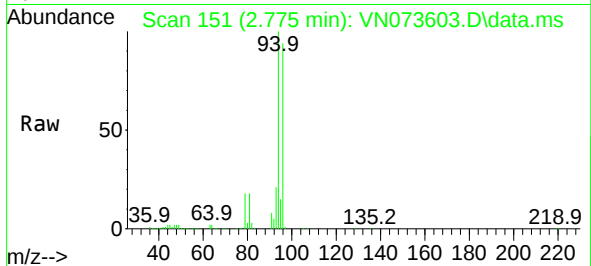




#5
Bromomethane
Concen: 137.126 ug/l
RT: 2.775 min Scan# 11
Delta R.T. -0.035 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

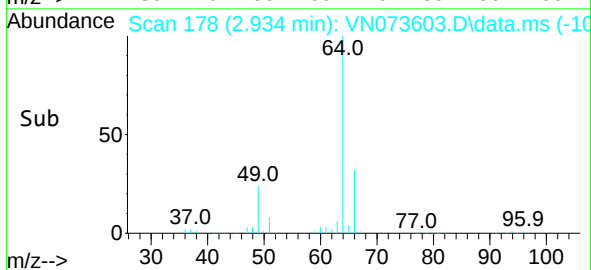
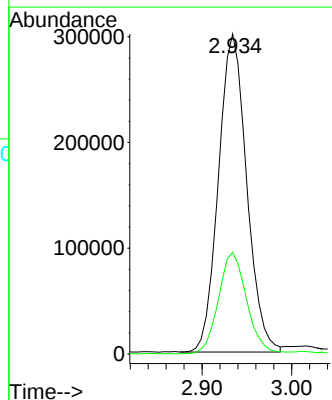
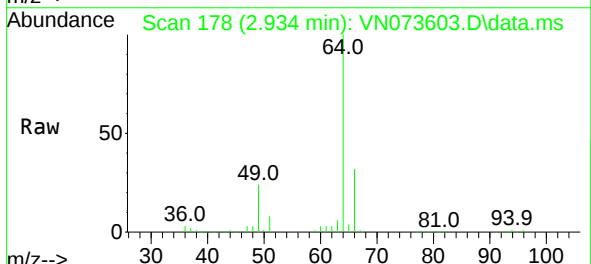
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ClientSampleId :
VSTDIC150

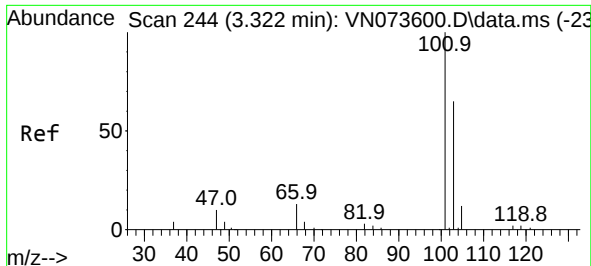
Tgt Ion: 94 Resp: 274047
Ion Ratio Lower Upper
94 100
96 93.7 75.2 112.8



#6
Chloroethane
Concen: 202.999 ug/l
RT: 2.934 min Scan# 178
Delta R.T. -0.041 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

Tgt Ion: 64 Resp: 657102
Ion Ratio Lower Upper
64 100
66 31.9 24.6 36.8

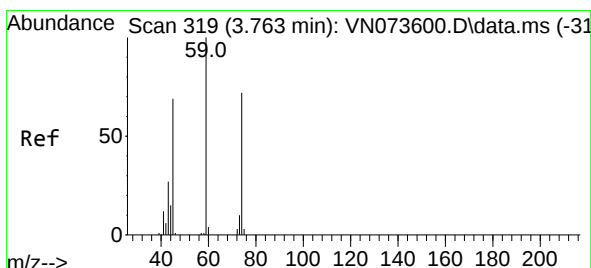
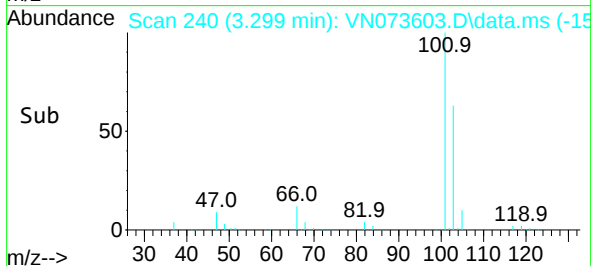
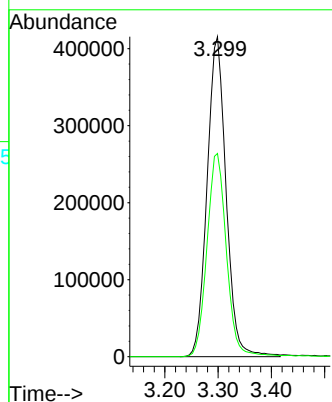
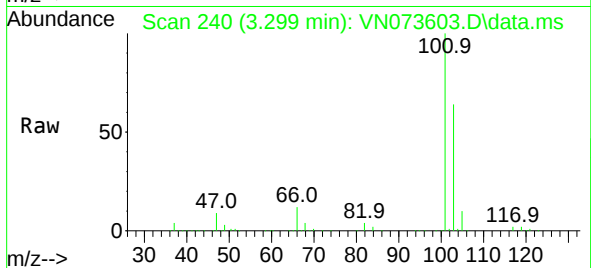




#7
 Trichlorofluoromethane
 Concen: 127.558 ug/l
 RT: 3.299 min Scan# 244
 Delta R.T. -0.023 min
 Lab File: VN073603.D
 Acq: 27 Jul 2022 13:07

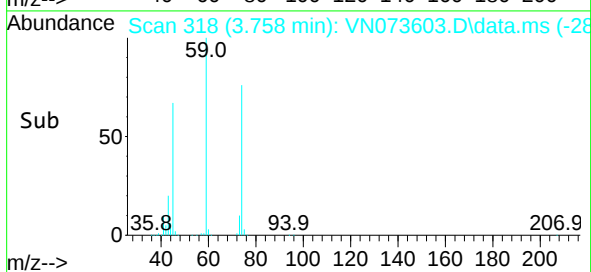
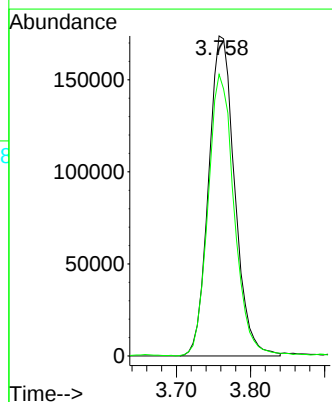
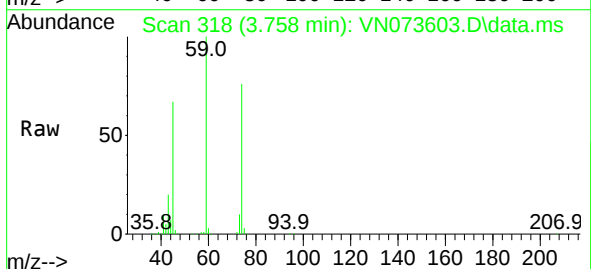
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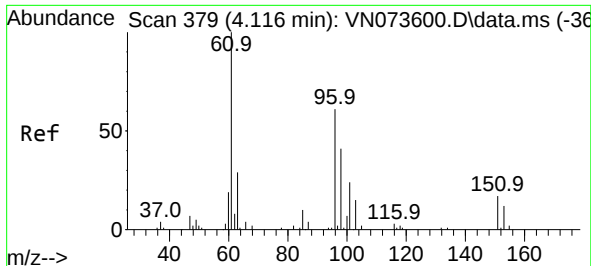
Tgt Ion:101 Resp: 1027620
 Ion Ratio Lower Upper
 101 100
 103 63.5 50.1 75.1



#8
 Diethyl Ether
 Concen: 131.049 ug/l
 RT: 3.758 min Scan# 318
 Delta R.T. -0.006 min
 Lab File: VN073603.D
 Acq: 27 Jul 2022 13:07

Tgt Ion: 74 Resp: 425522
 Ion Ratio Lower Upper
 74 100
 45 88.1 17.6 158.8





#10

1,1-Dichloroethene

Concen: 135.616 ug/l

RT: 4.105 min Scan# 31

Delta R.T. -0.011 min

Lab File: VN073603.D

Acq: 27 Jul 2022 13:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

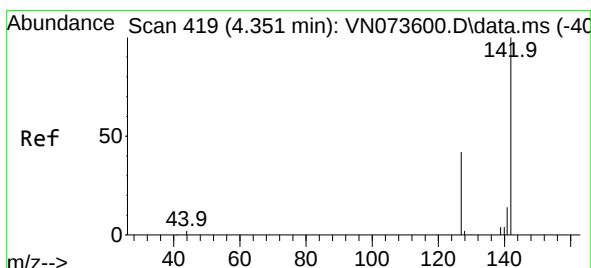
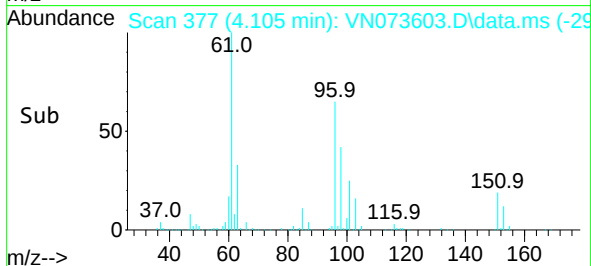
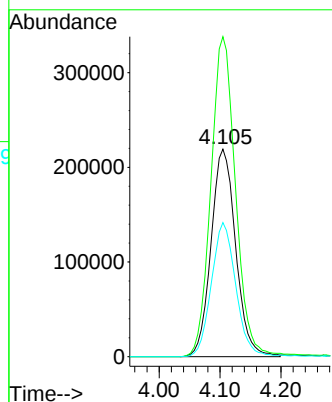
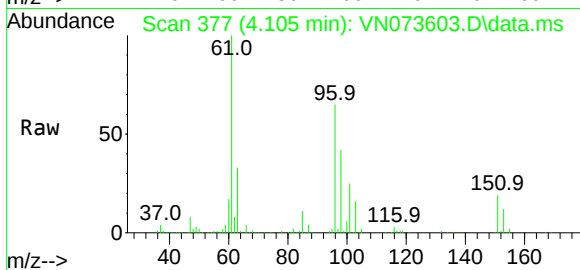
Tgt Ion: 96 Resp: 616798

Ion Ratio Lower Upper

96 100

61 154.2 126.2 189.4

98 64.6 50.9 76.3



#11

Methyl Iodide

Concen: 181.745 ug/l

RT: 4.346 min Scan# 418

Delta R.T. -0.006 min

Lab File: VN073603.D

Acq: 27 Jul 2022 13:07

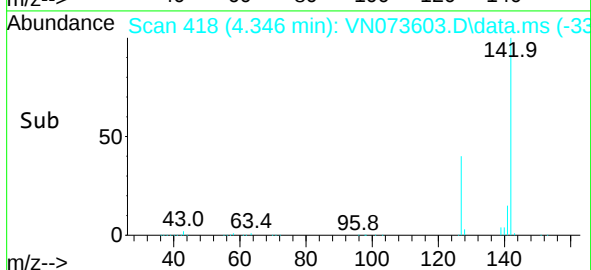
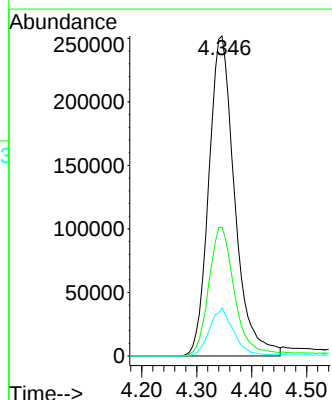
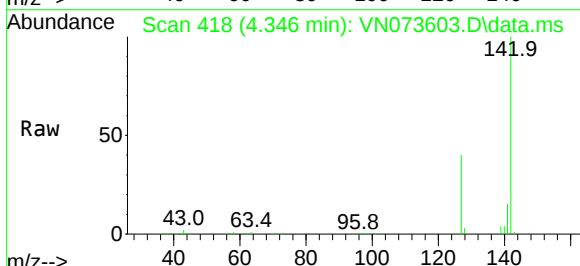
Tgt Ion: 142 Resp: 823604

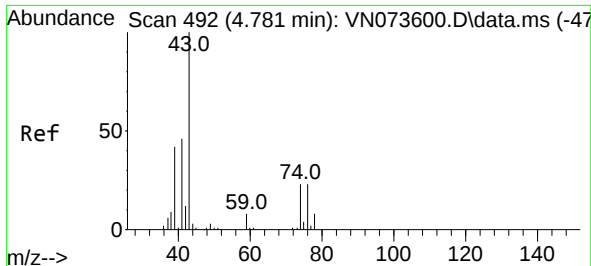
Ion Ratio Lower Upper

142 100

127 40.2 24.0 72.0

141 15.0 8.4 25.2

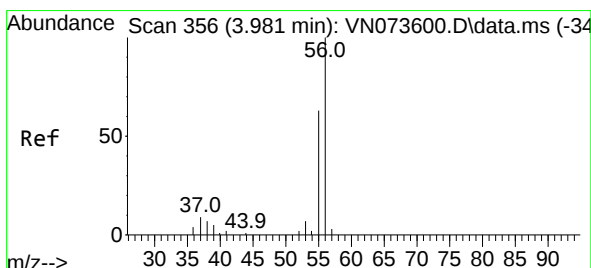
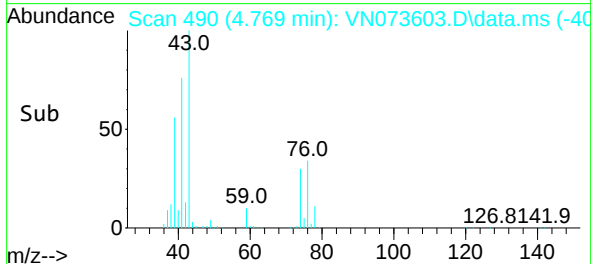
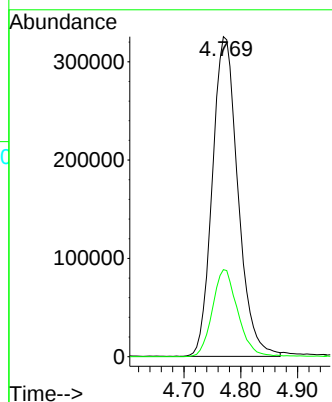
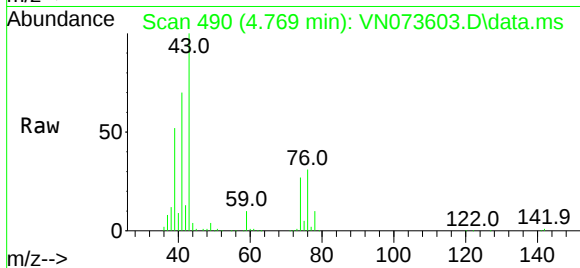




#12
Methyl Acetate
Concen: 110.620 ug/l
RT: 4.769 min Scan# 492
Delta R.T. -0.011 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

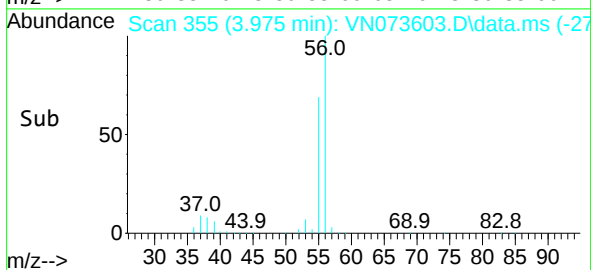
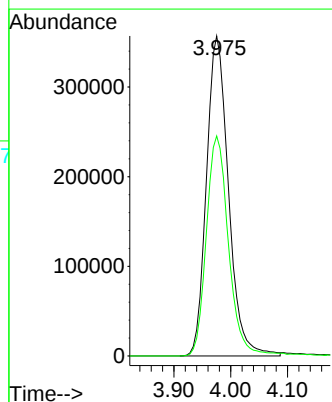
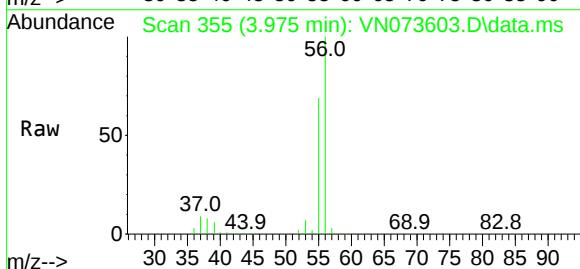
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

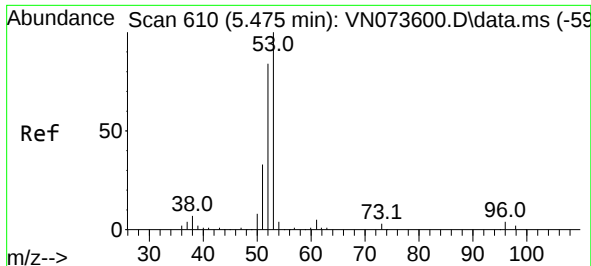
Tgt Ion: 43 Resp: 1018803
Ion Ratio Lower Upper
43 100
74 27.2 20.8 31.2



#13
Acrolein
Concen: 932.398 ug/l
RT: 3.975 min Scan# 355
Delta R.T. -0.006 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

Tgt Ion: 56 Resp: 959795
Ion Ratio Lower Upper
56 100
55 68.9 57.6 86.4



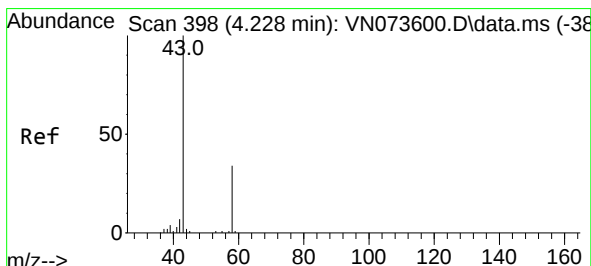
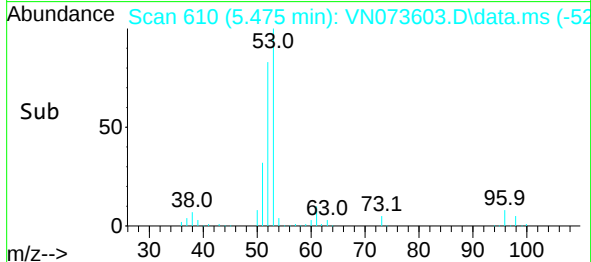
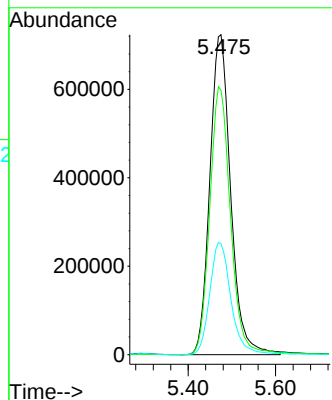
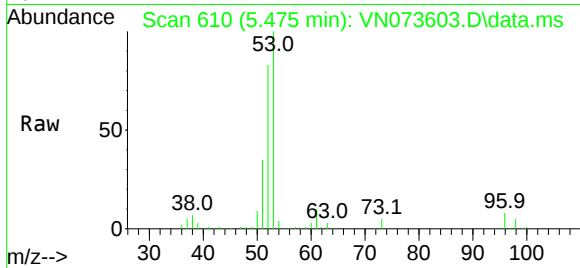


#14
Acrylonitrile
Concen: 659.947 ug/l
RT: 5.475 min Scan# 610
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 53 Resp: 2395273

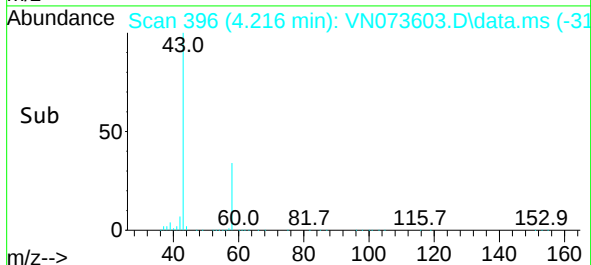
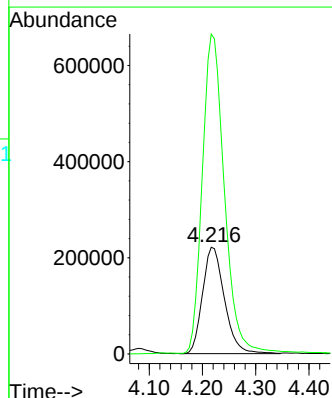
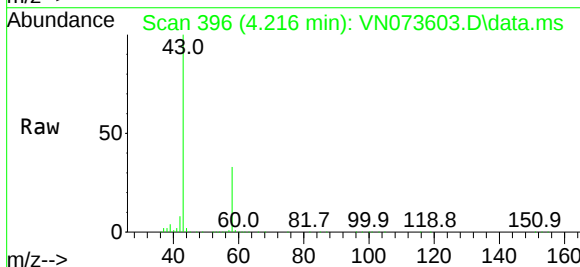
Ion	Ratio	Lower	Upper
53	100		
52	83.2	41.8	125.4
51	35.9	19.0	57.0

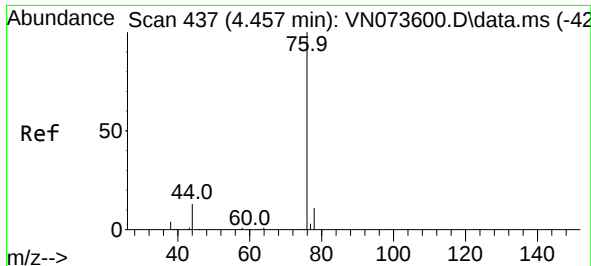


#15
Acetone
Concen: 639.033 ug/l
RT: 4.216 min Scan# 396
Delta R.T. -0.011 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

Tgt Ion: 58 Resp: 633801

Ion	Ratio	Lower	Upper
58	100		
43	299.8	256.6	384.8

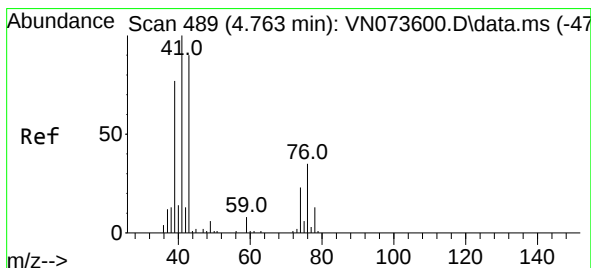
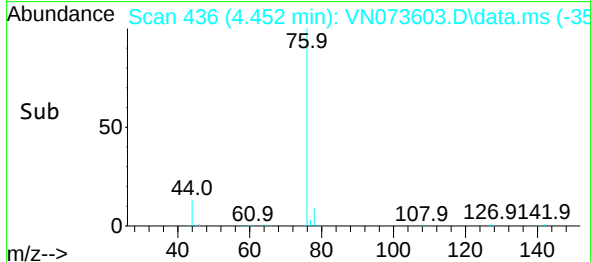
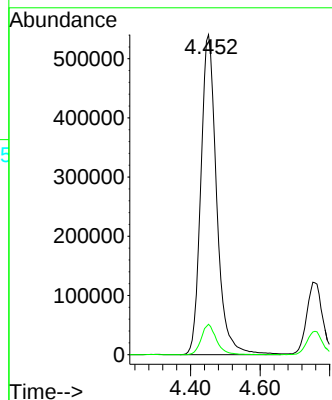
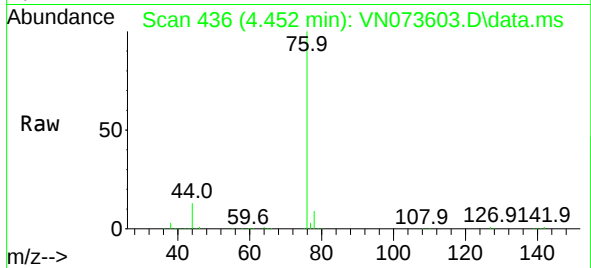




#16
Carbon Disulfide
Concen: 140.269 ug/l
RT: 4.452 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

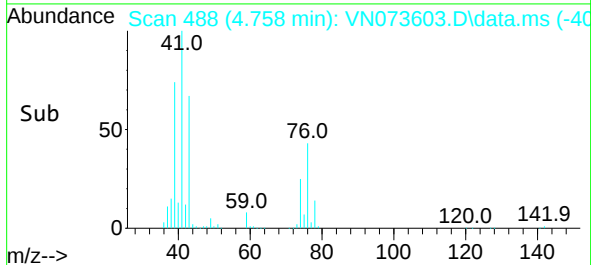
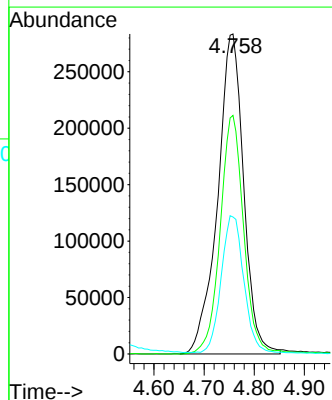
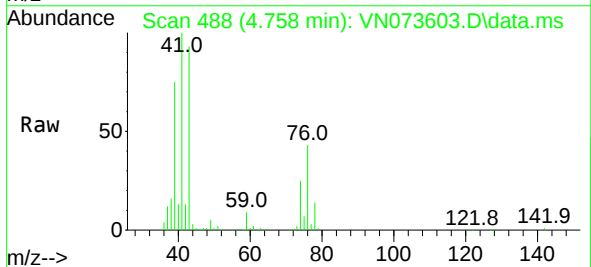
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

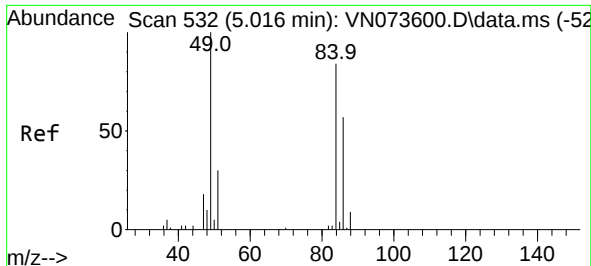
Tgt Ion: 76 Resp: 1706315
Ion Ratio Lower Upper
76 100
78 9.5 7.8 11.8



#17
Allyl chloride
Concen: 120.191 ug/l
RT: 4.758 min Scan# 488
Delta R.T. -0.006 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

Tgt Ion: 41 Resp: 1021019
Ion Ratio Lower Upper
41 100
39 74.6 44.6 134.0
76 42.2 19.6 58.7





#18

Methylene Chloride

Concen: 133.974 ug/l

RT: 5.010 min Scan# 51

Delta R.T. -0.006 min

Lab File: VN073603.D

Acq: 27 Jul 2022 13:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion: 84 Resp: 736865

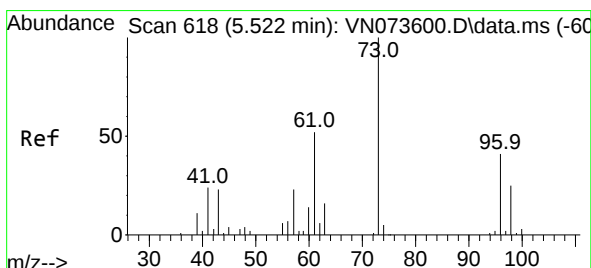
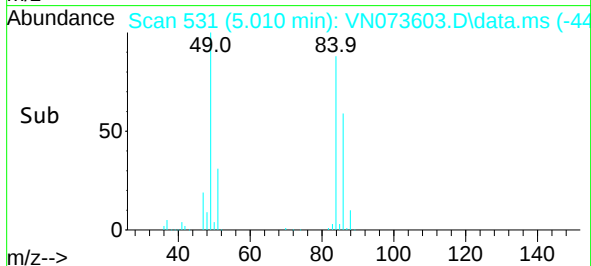
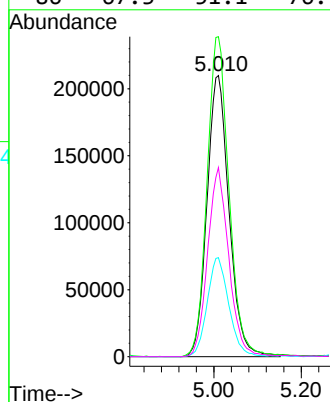
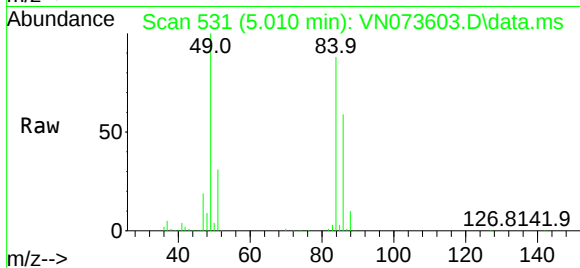
Ion Ratio Lower Upper

84 100

49 113.8 91.4 137.0

51 35.2 29.4 44.0

86 67.3 51.1 76.7



#19

trans-1,2-Dichloroethene

Concen: 140.218 ug/l

RT: 5.510 min Scan# 616

Delta R.T. -0.011 min

Lab File: VN073603.D

Acq: 27 Jul 2022 13:07

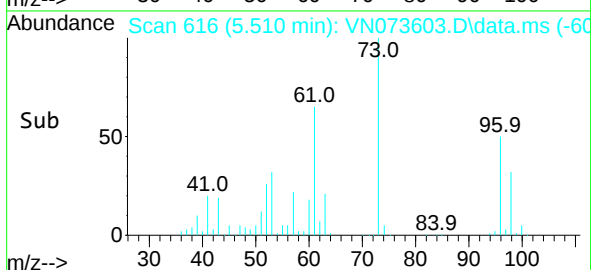
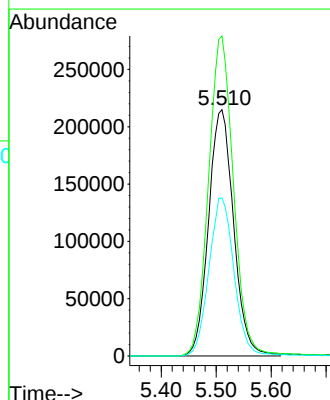
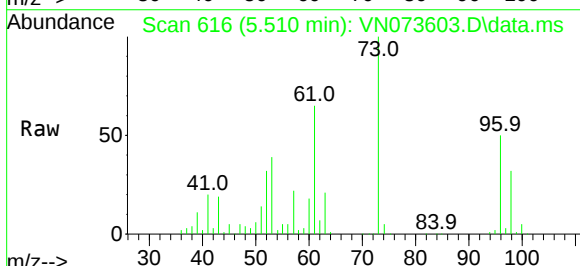
Tgt Ion: 96 Resp: 680927

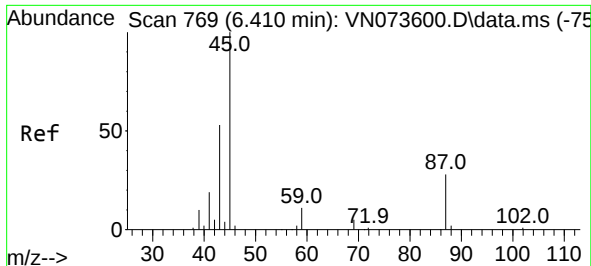
Ion Ratio Lower Upper

96 100

61 129.9 102.8 154.2

98 64.2 49.3 73.9



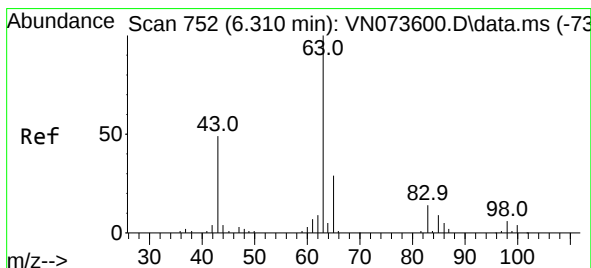
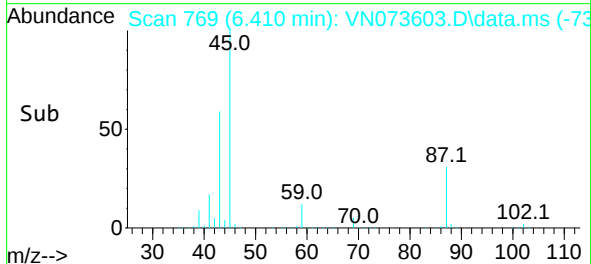
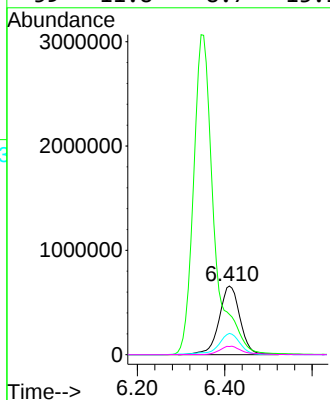
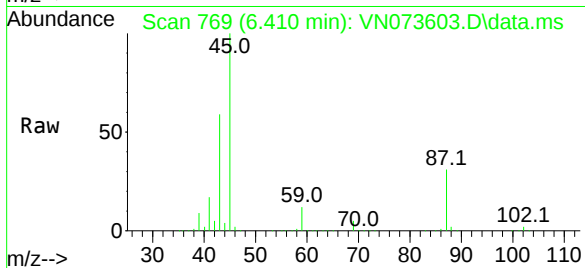


#20
Diisopropyl ether
Concen: 121.605 ug/l
RT: 6.410 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 45 Resp: 2186685

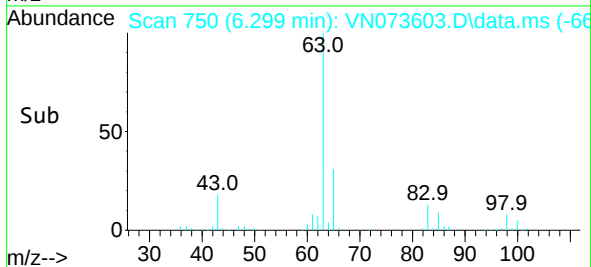
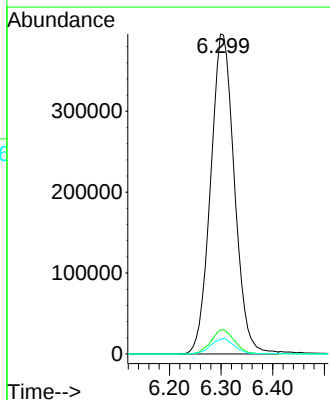
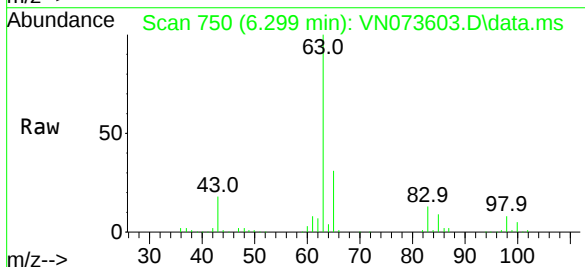
Ion	Ratio	Lower	Upper
45	100		
43	57.3	51.0	76.4
87	30.9	25.0	37.4
59	11.8	8.7	13.1

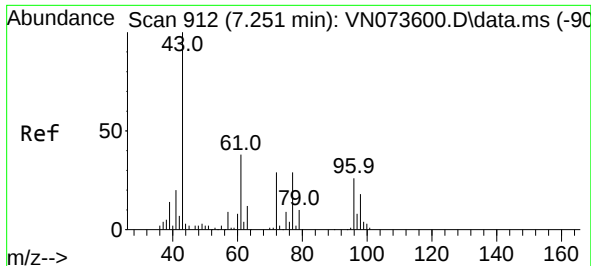


#21
1,1-Dichloroethane
Concen: 131.453 ug/l
RT: 6.299 min Scan# 750
Delta R.T. -0.011 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

Tgt Ion: 63 Resp: 1264951

Ion	Ratio	Lower	Upper
63	100		
98	7.5	3.2	9.6
100	4.5	2.1	6.2

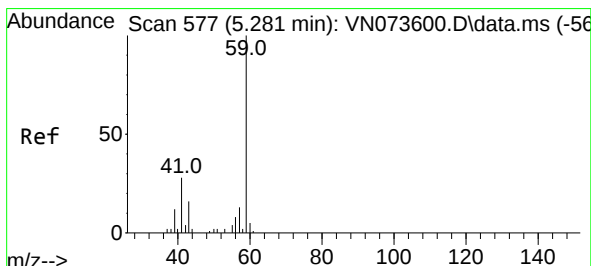
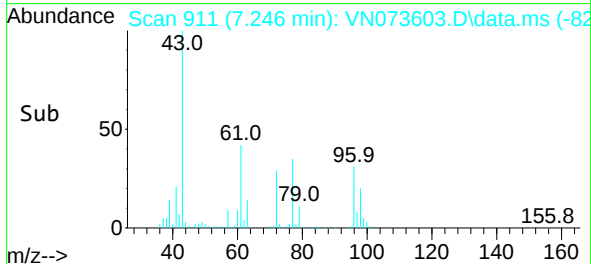
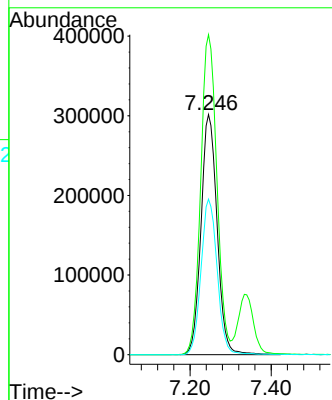
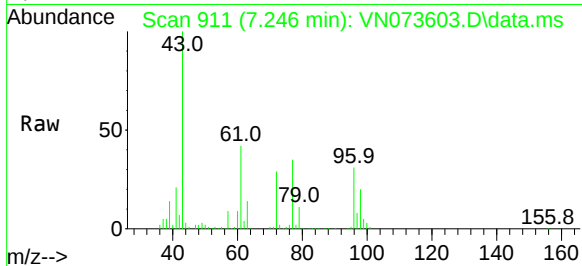




#22
 cis-1,2-Dichloroethene
 Concen: 144.192 ug/l
 RT: 7.246 min Scan# 912
 Delta R.T. -0.006 min
 Lab File: VN073603.D
 Acq: 27 Jul 2022 13:07

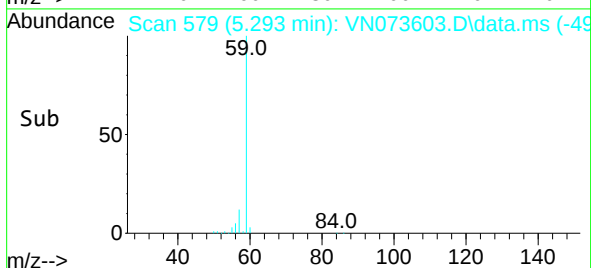
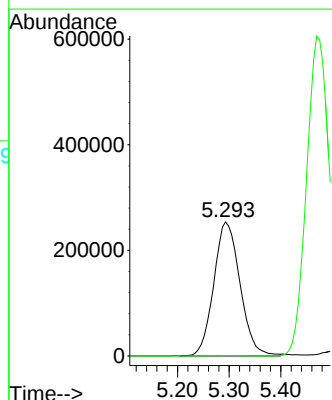
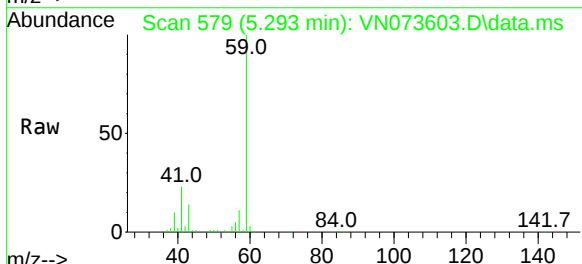
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

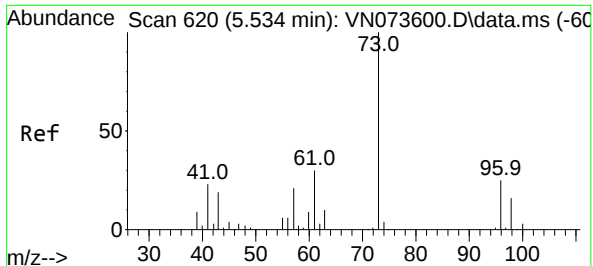
Tgt Ion: 96 Resp: 831864
 Ion Ratio Lower Upper
 96 100
 61 133.4 115.7 173.5
 98 64.8 51.6 77.4



#23
 tert-Butyl Alcohol
 Concen: 618.318 ug/l
 RT: 5.293 min Scan# 579
 Delta R.T. 0.012 min
 Lab File: VN073603.D
 Acq: 27 Jul 2022 13:07

Tgt Ion: 59 Resp: 894220
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.0 0.0#

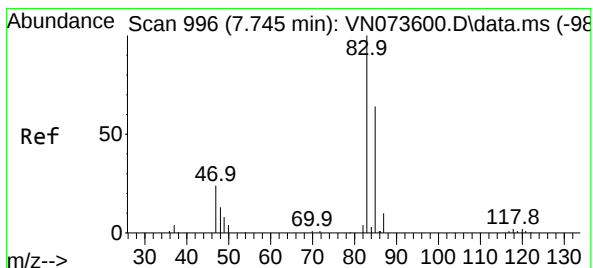
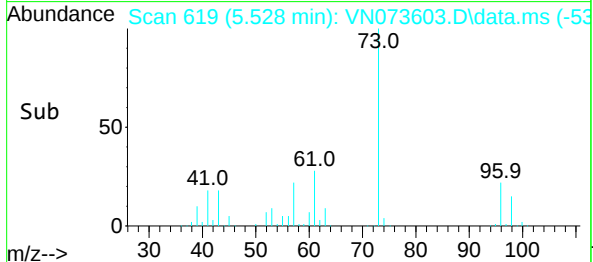
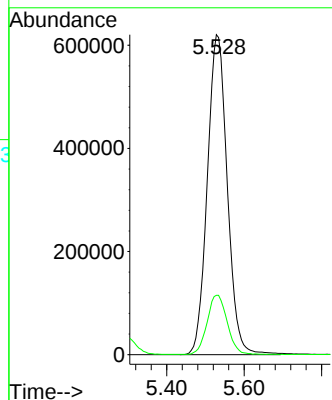
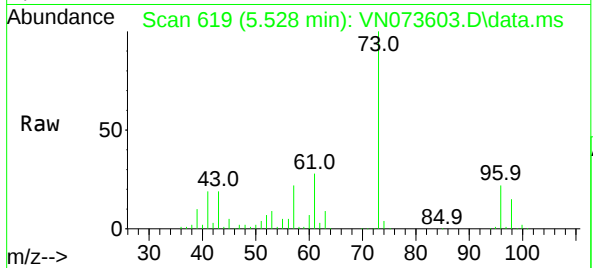




#24
Methyl tert-Butyl Ether
Concen: 132.557 ug/l
RT: 5.528 min Scan# 619
Delta R.T. -0.006 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

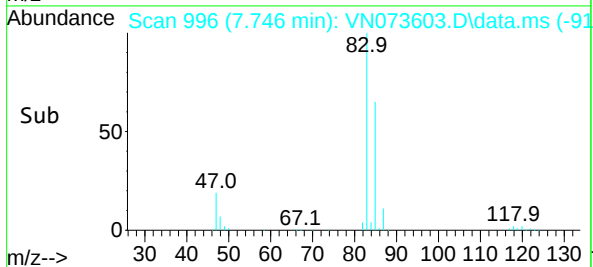
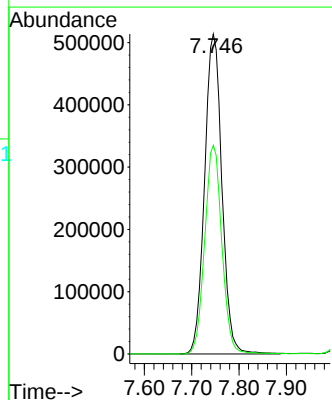
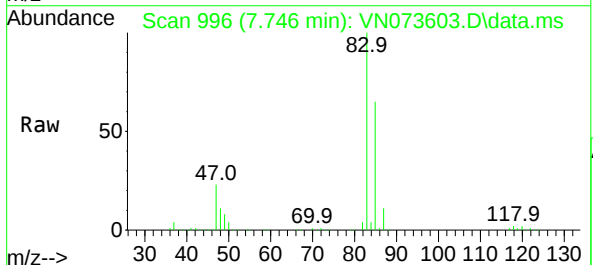
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

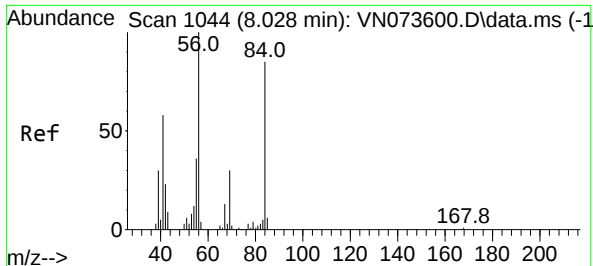
Tgt Ion: 73 Resp: 2221992
Ion Ratio Lower Upper
73 100
43 18.5 18.1 27.1



#25
Chloroform
Concen: 134.969 ug/l
RT: 7.746 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

Tgt Ion: 83 Resp: 1304731
Ion Ratio Lower Upper
83 100
85 65.2 51.3 76.9

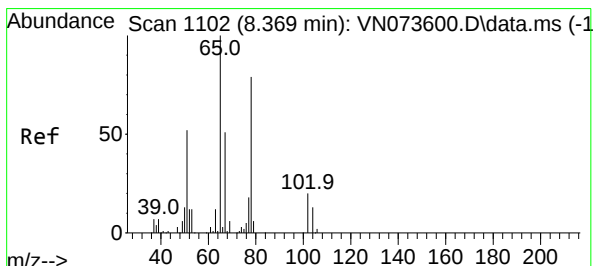
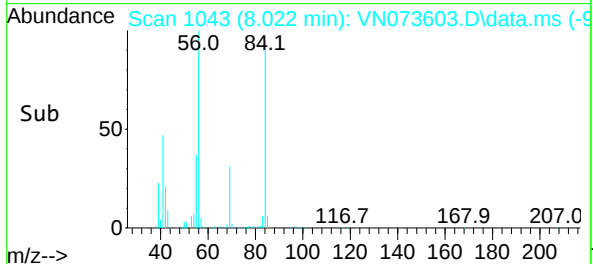
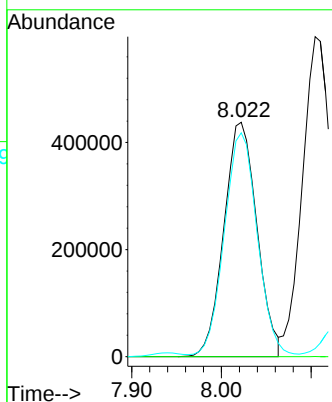
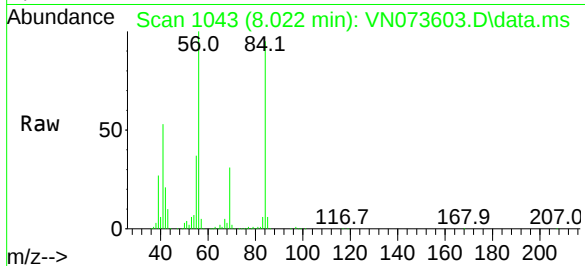




#26
Cyclohexane
Concen: 133.648 ug/l
RT: 8.022 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

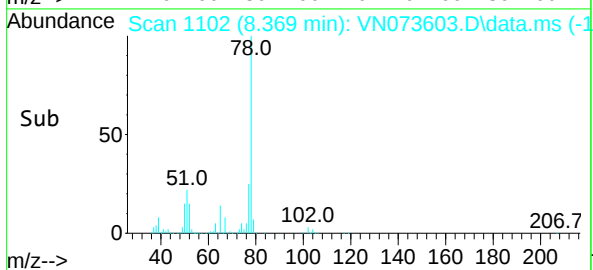
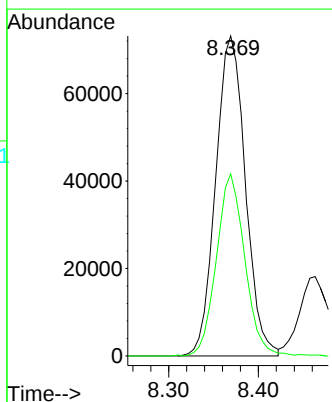
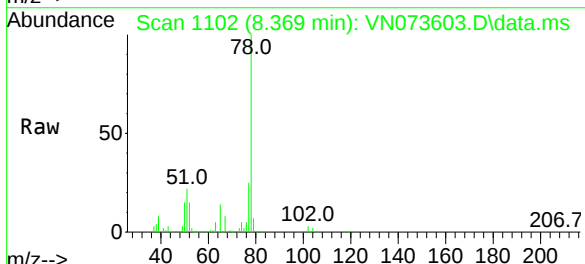
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

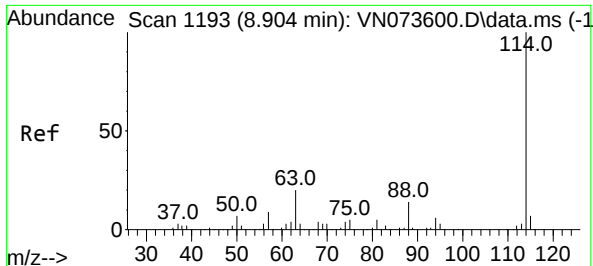
Tgt Ion: 56 Resp: 1118696
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 95.9 74.6 111.8



#27
1,2-Dichloroethane-d4
Concen: 26.245 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

Tgt Ion: 65 Resp: 168244
Ion Ratio Lower Upper
65 100
67 54.2 40.2 60.2

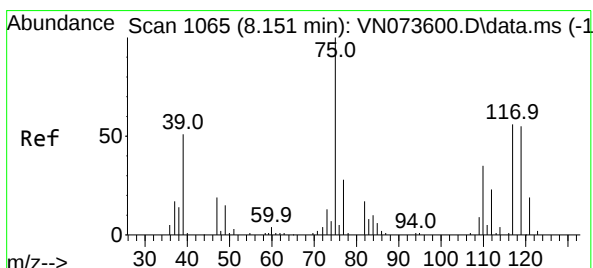
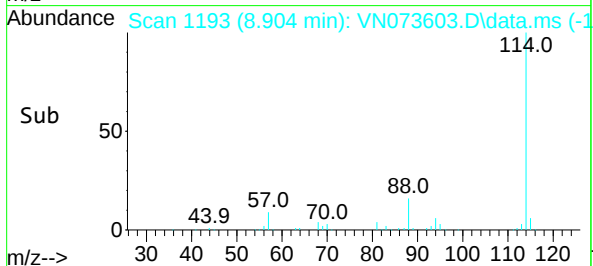
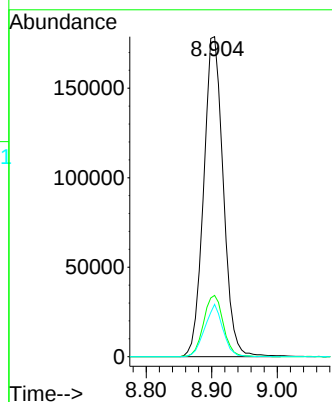
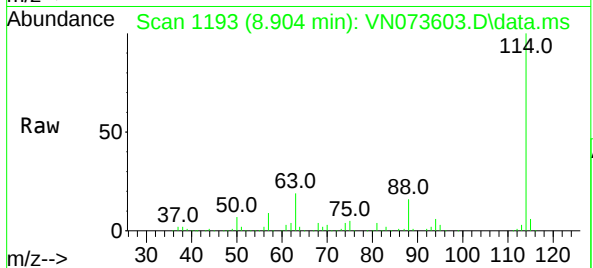




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

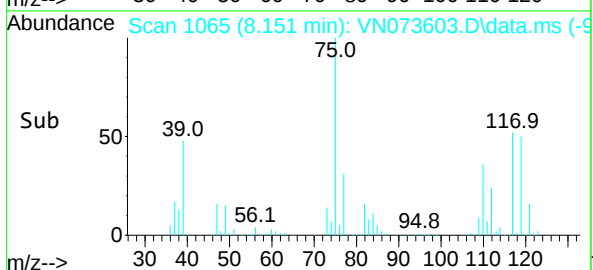
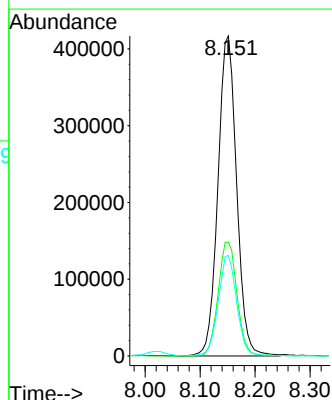
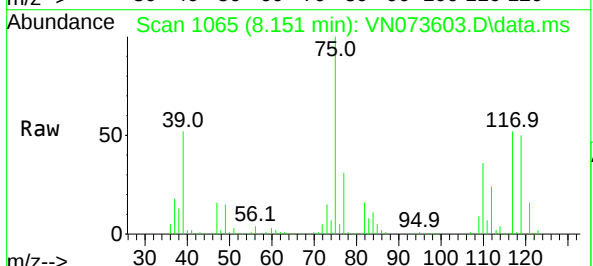
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

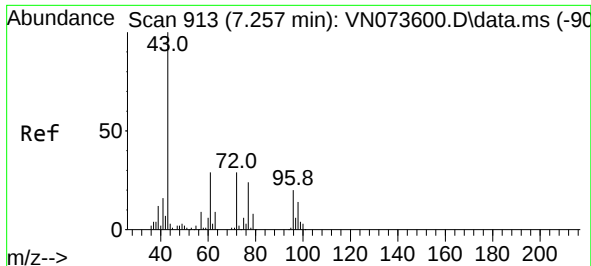
Tgt Ion:114 Resp: 372461
Ion Ratio Lower Upper
114 100
63 19.2 15.8 23.6
88 15.1 11.6 17.4



#29
1,1-Dichloropropene
Concen: 144.745 ug/l
RT: 8.151 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

Tgt Ion: 75 Resp: 985415
Ion Ratio Lower Upper
75 100
110 35.9 0.0 74.2
77 31.1 0.0 63.2

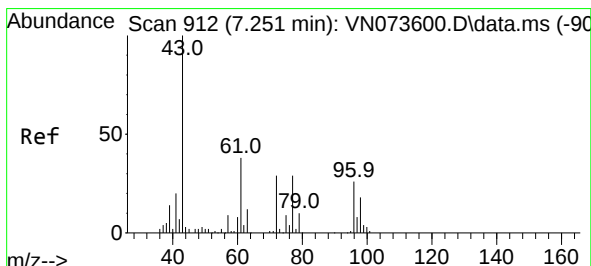
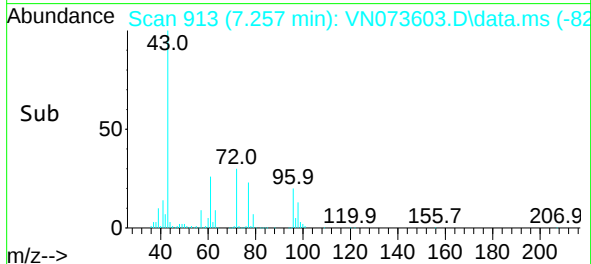
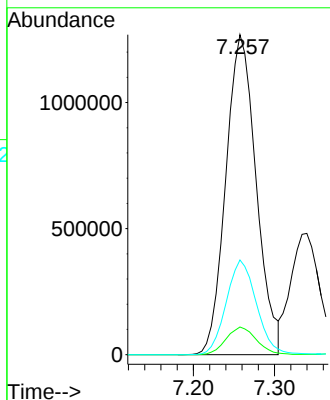
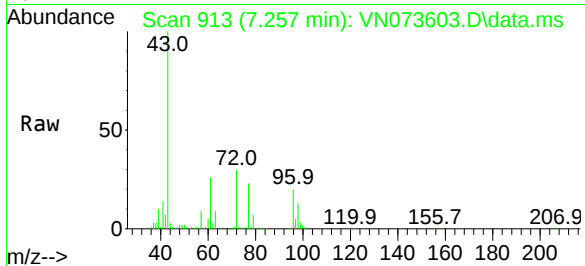




#30
2-Butanone
Concen: 645.172 ug/l
RT: 7.257 min Scan# 913
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

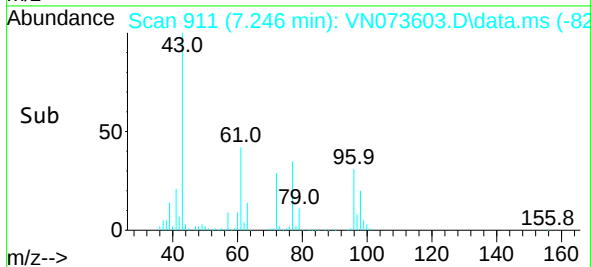
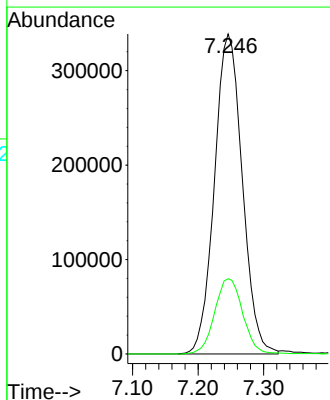
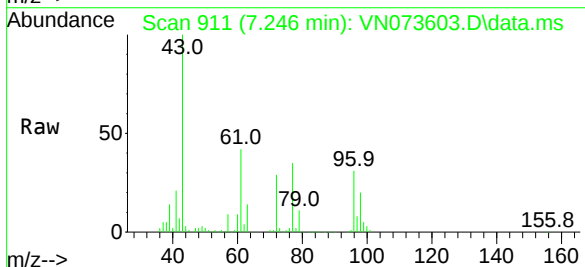
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

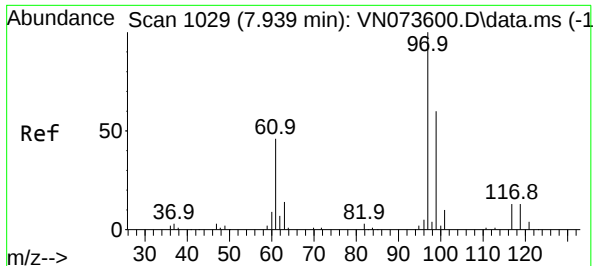
Tgt Ion: 43 Resp: 3300395
Ion Ratio Lower Upper
43 100
57 8.7 6.7 10.1
72 29.7 23.2 34.8



#31
2,2-Dichloropropane
Concen: 246.376 ug/l
RT: 7.246 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

Tgt Ion: 77 Resp: 997926
Ion Ratio Lower Upper
77 100
97 23.7 18.3 27.5





#32

1,1,1-Trichloroethane

Concen: 136.334 ug/l

RT: 7.940 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN073603.D

Acq: 27 Jul 2022 13:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

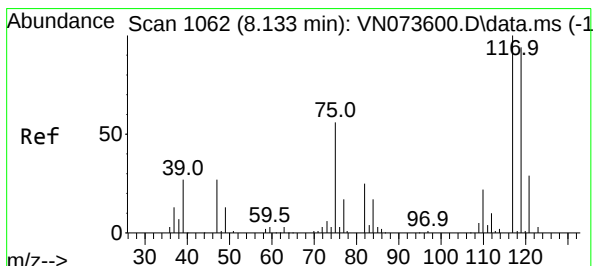
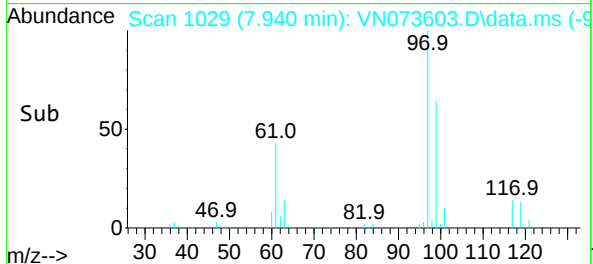
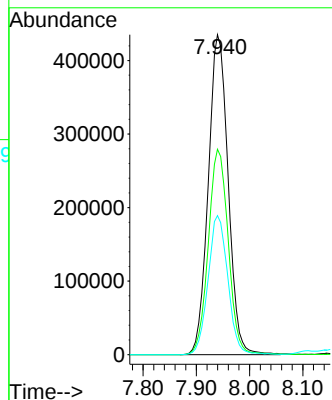
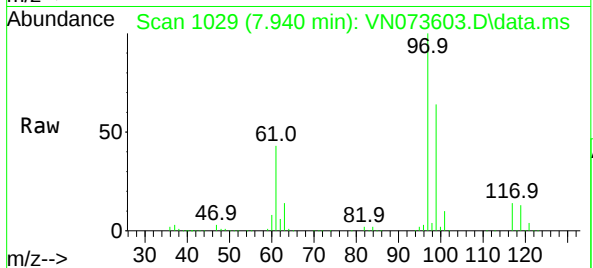
Tgt Ion: 97 Resp: 1129571

Ion Ratio Lower Upper

97 100

99 64.4 50.4 75.6

61 43.2 34.6 51.8



#33

Carbon Tetrachloride

Concen: 140.878 ug/l

RT: 8.134 min Scan# 1062

Delta R.T. 0.000 min

Lab File: VN073603.D

Acq: 27 Jul 2022 13:07

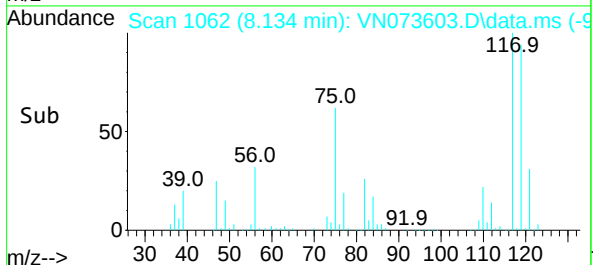
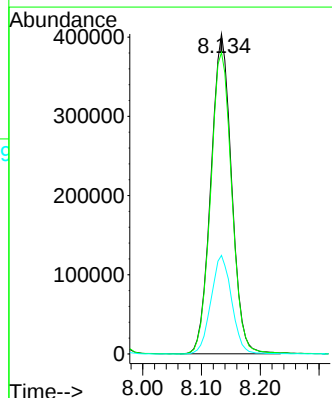
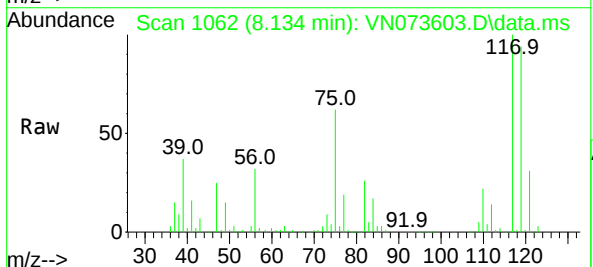
Tgt Ion: 117 Resp: 984227

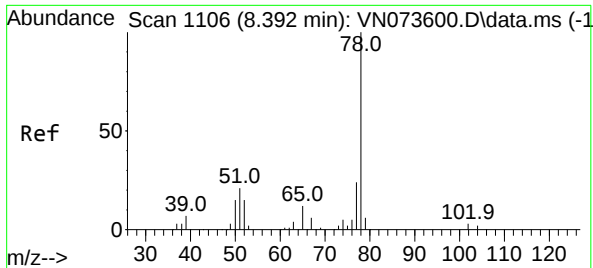
Ion Ratio Lower Upper

117 100

119 94.2 77.5 116.3

121 30.8 23.5 35.3

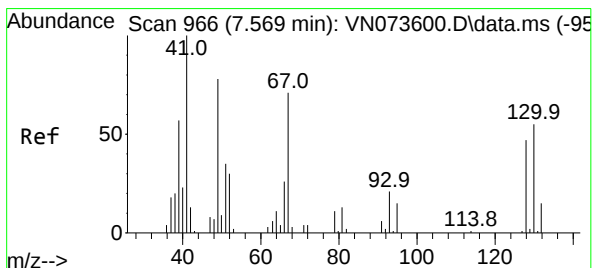
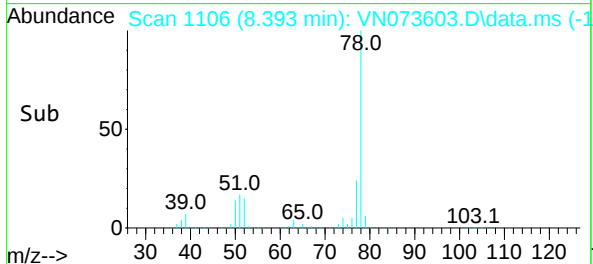
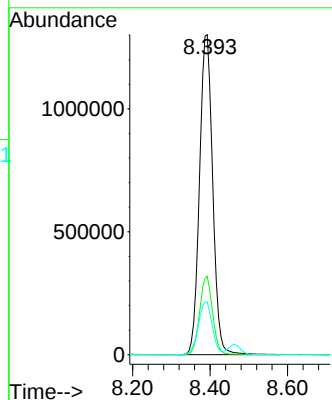
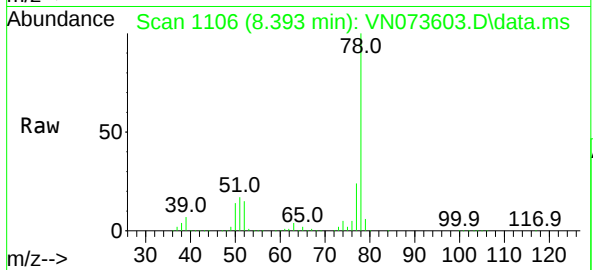




#34
Benzene
Concen: 144.357 ug/l
RT: 8.393 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

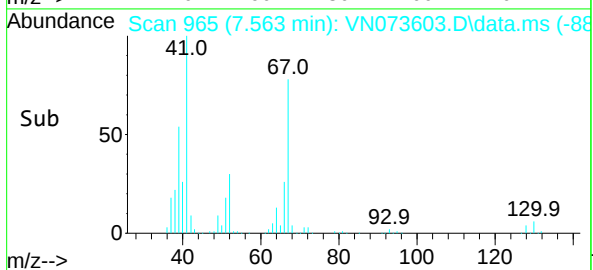
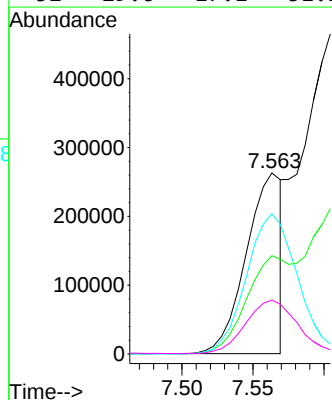
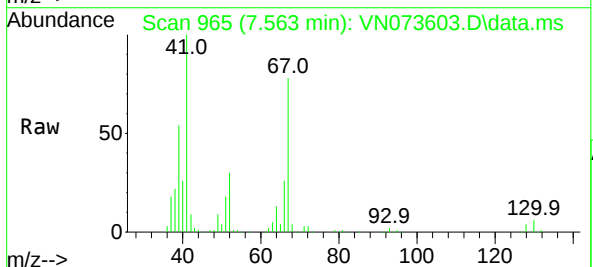
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

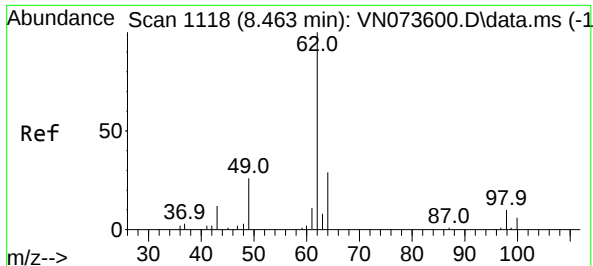
Tgt Ion: 78 Resp: 3075542
Ion Ratio Lower Upper
78 100
77 24.5 19.1 28.7
51 16.5 16.0 24.0



#35
Methacrylonitrile
Concen: 100.489 ug/l
RT: 7.563 min Scan# 965
Delta R.T. -0.006 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

Tgt Ion: 41 Resp: 458211
Ion Ratio Lower Upper
41 100
39 54.3 28.0 83.9
67 77.7 37.7 113.1
52 29.6 17.1 51.2





#36

1,2-Dichloroethane

Concen: 127.536 ug/l

RT: 8.463 min Scan# 1118

Delta R.T. 0.000 min

Lab File: VN073603.D

Acq: 27 Jul 2022 13:07

Instrument :

MSVOA_N

ClientSampleId :

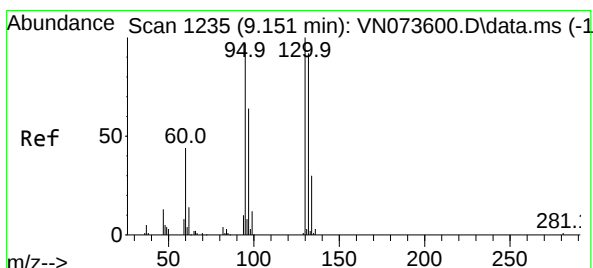
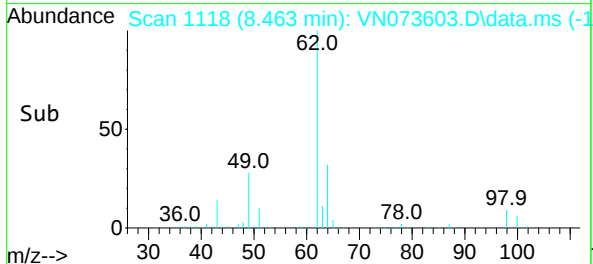
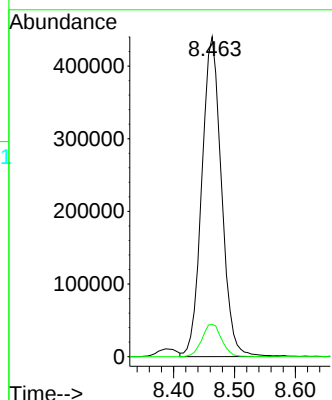
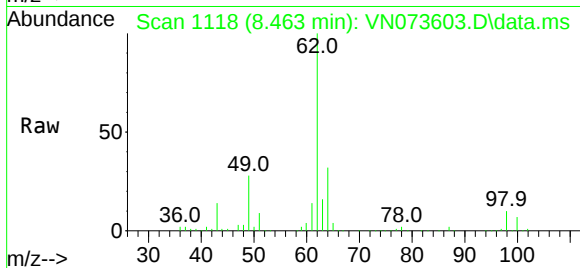
VSTDIC150

Tgt Ion: 62 Resp: 988829

Ion Ratio Lower Upper

62 100

98 10.2 6.6 10.0#



#37

Trichloroethene

Concen: 151.278 ug/l

RT: 9.151 min Scan# 1235

Delta R.T. 0.000 min

Lab File: VN073603.D

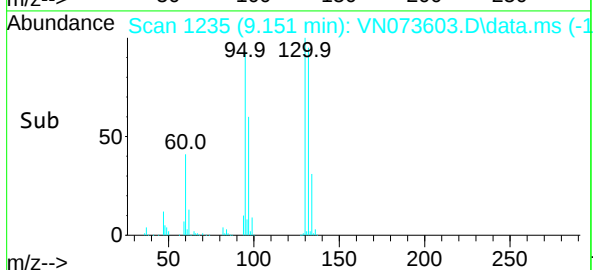
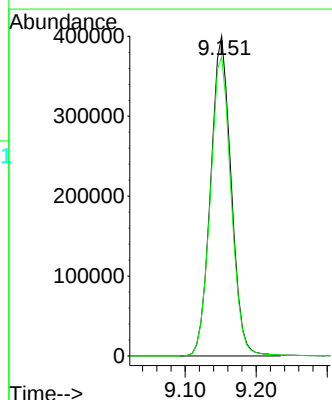
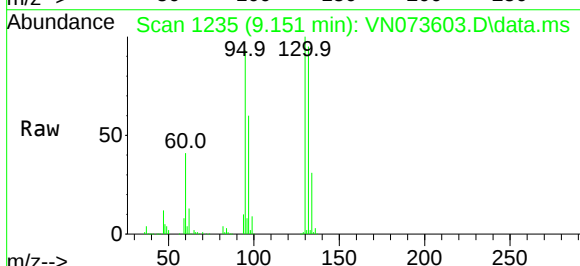
Acq: 27 Jul 2022 13:07

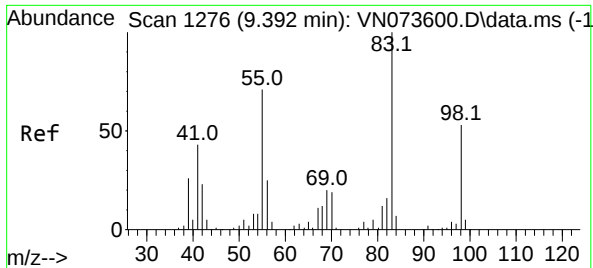
Tgt Ion:130 Resp: 800110

Ion Ratio Lower Upper

130 100

95 93.4 76.6 115.0

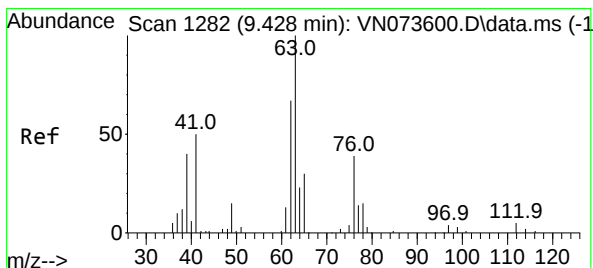
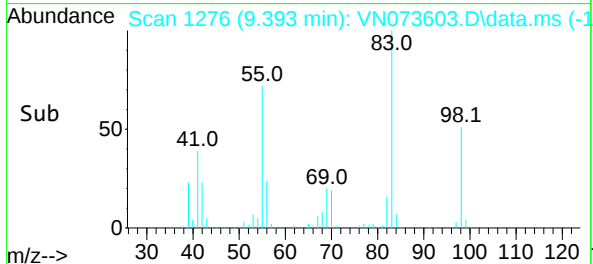
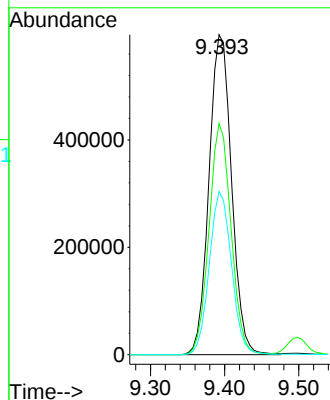
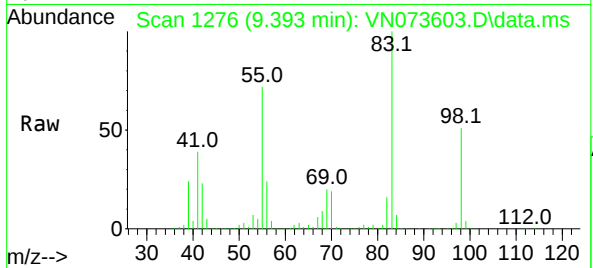




#38
Methylcyclohexane
Concen: 156.369 ug/l
RT: 9.393 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

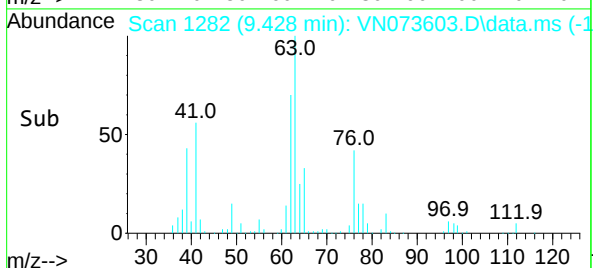
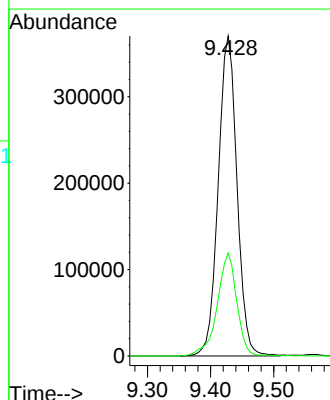
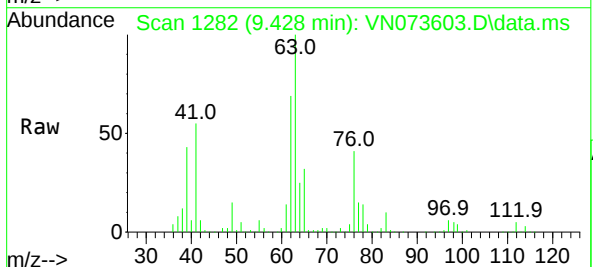
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

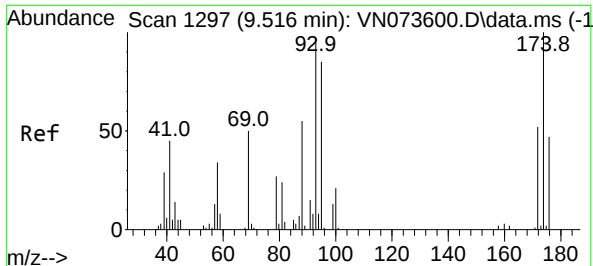
Tgt Ion: 83 Resp: 1260171
Ion Ratio Lower Upper
83 100
55 70.5 35.1 105.3
98 50.2 23.4 70.2



#39
1,2-Dichloropropane
Concen: 138.893 ug/l
RT: 9.428 min Scan# 1282
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

Tgt Ion: 63 Resp: 764600
Ion Ratio Lower Upper
63 100
65 32.1 24.2 36.4

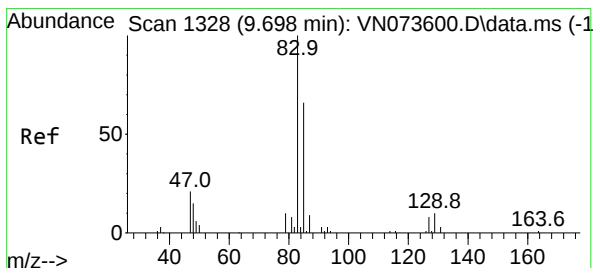
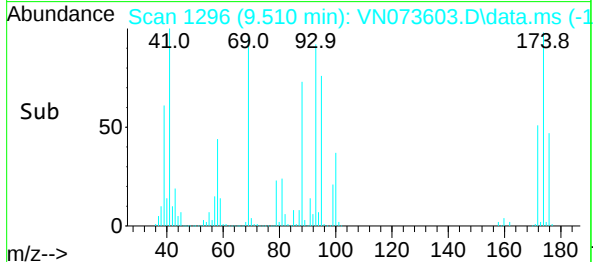
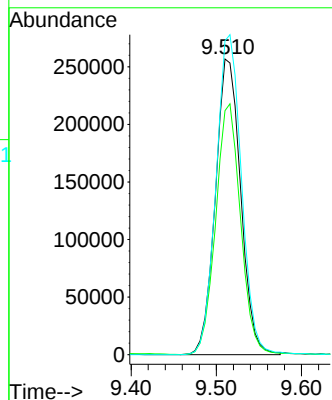
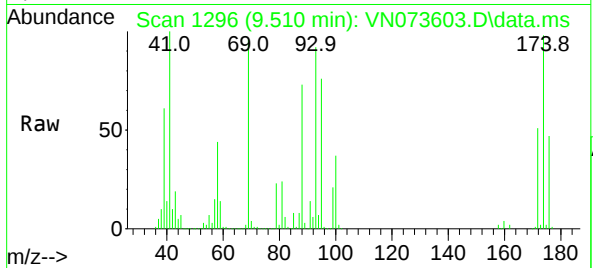




#40
Dibromomethane
Concen: 143.019 ug/l
RT: 9.510 min Scan# 1296
Delta R.T. -0.006 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

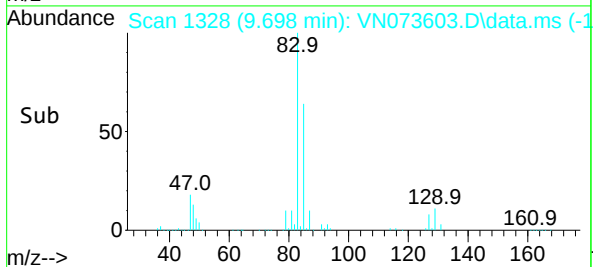
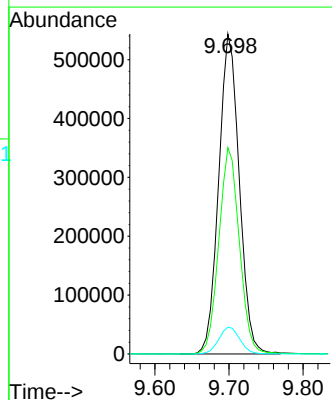
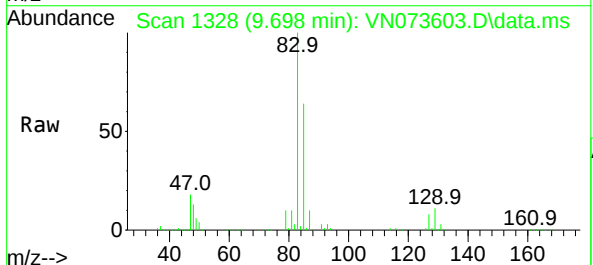
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

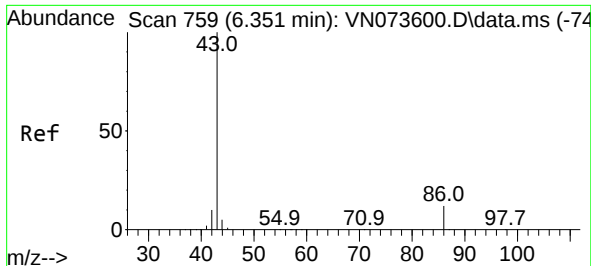
Tgt Ion: 93 Resp: 531543
Ion Ratio Lower Upper
93 100
95 83.1 0.0 168.8
174 108.6 0.0 173.6



#41
Bromodichloromethane
Concen: 140.130 ug/l
RT: 9.698 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

Tgt Ion: 83 Resp: 1047548
Ion Ratio Lower Upper
83 100
85 64.4 54.1 81.1
127 8.4 7.6 11.4

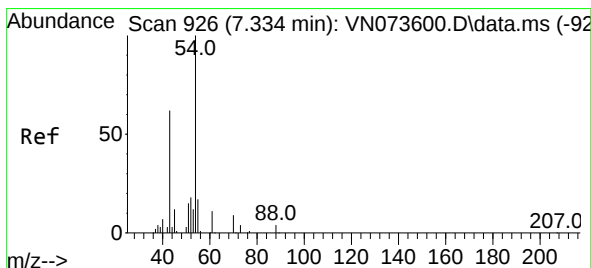
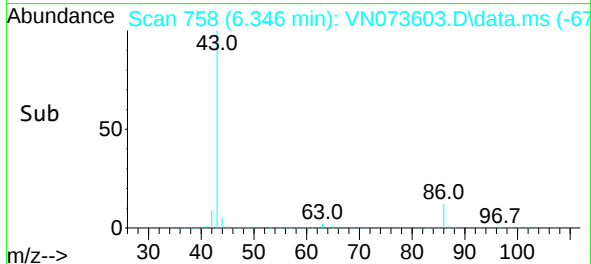
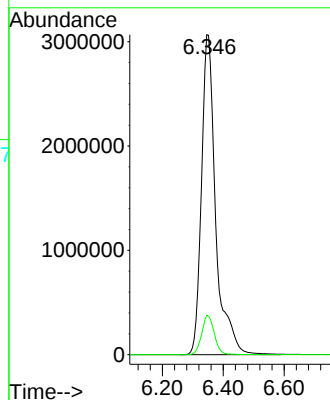
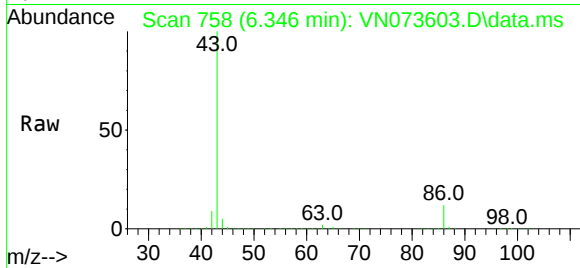




#42
 Vinyl Acetate
 Concen: 637.320 ug/l
 RT: 6.346 min Scan# 759
 Delta R.T. -0.006 min
 Lab File: VN073603.D
 Acq: 27 Jul 2022 13:07

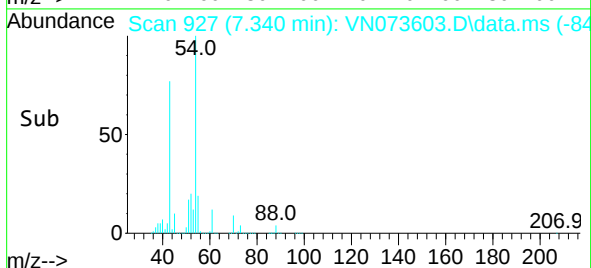
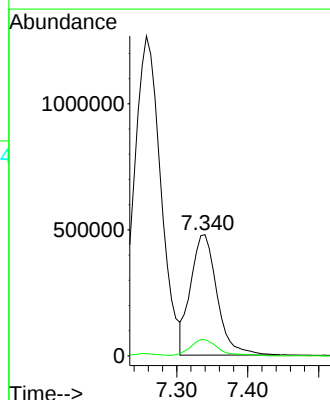
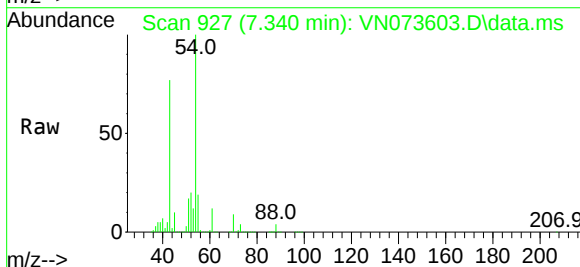
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

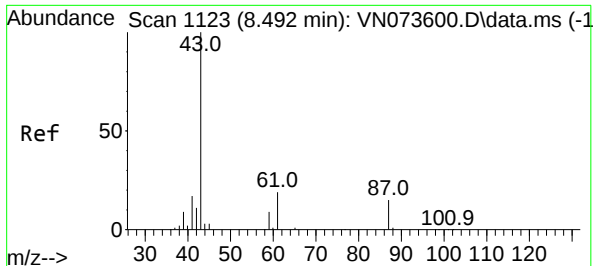
Tgt Ion: 43 Resp: 9971164
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.5 11.3



#43
 Ethyl Acetate
 Concen: 131.156 ug/l
 RT: 7.340 min Scan# 927
 Delta R.T. 0.006 min
 Lab File: VN073603.D
 Acq: 27 Jul 2022 13:07

Tgt Ion: 43 Resp: 1234127
 Ion Ratio Lower Upper
 43 100
 45 14.7 10.6 16.0

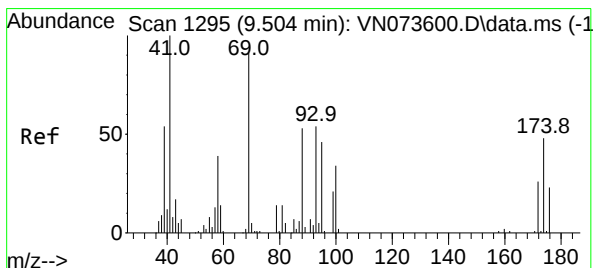
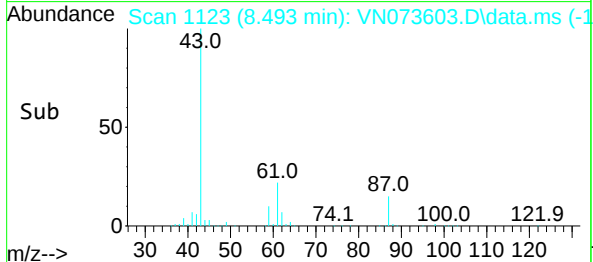
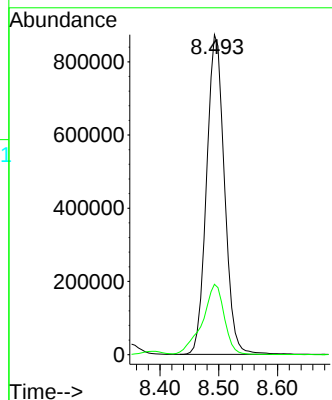
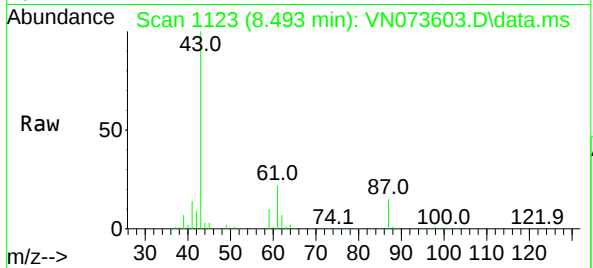




#44
Isopropyl Acetate
Concen: 125.423 ug/l
RT: 8.493 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

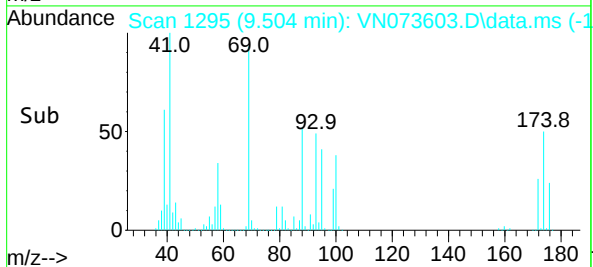
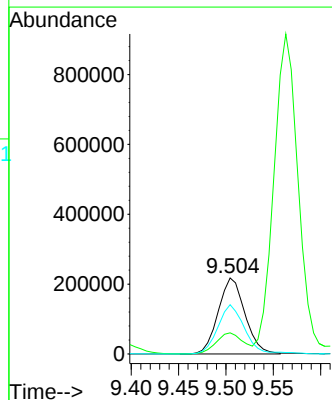
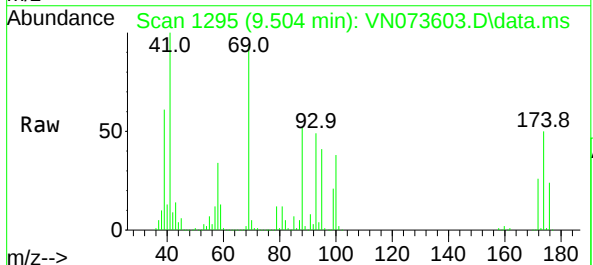
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

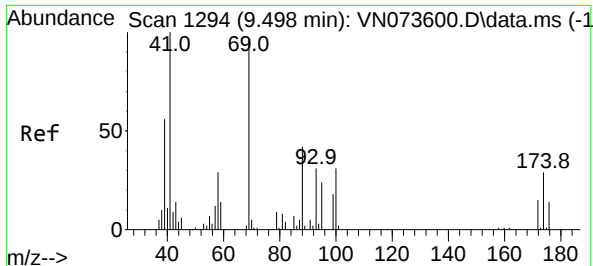
Tgt Ion: 43 Resp: 1842187
Ion Ratio Lower Upper
43 100
61 26.7 20.1 30.1



#45
1,4-Dioxane
Concen: 3097.126 ug/l
RT: 9.504 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

Tgt Ion: 88 Resp: 427987
Ion Ratio Lower Upper
88 100
43 28.0 25.0 37.6
58 63.4 49.4 74.2

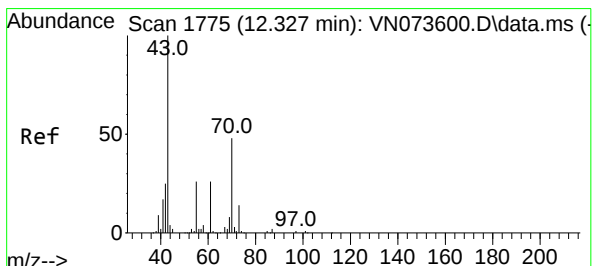
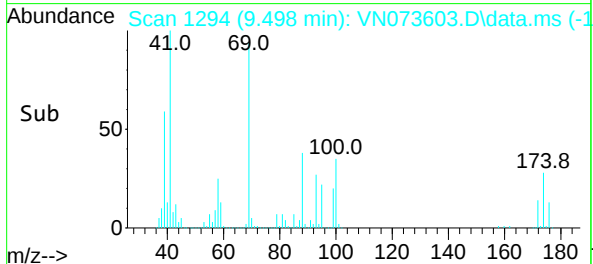
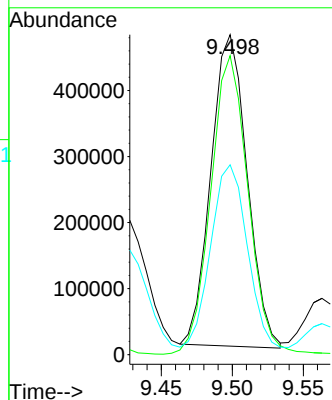
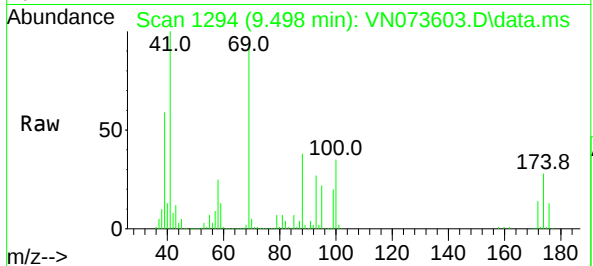




#46
Methyl methacrylate
Concen: 125.269 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

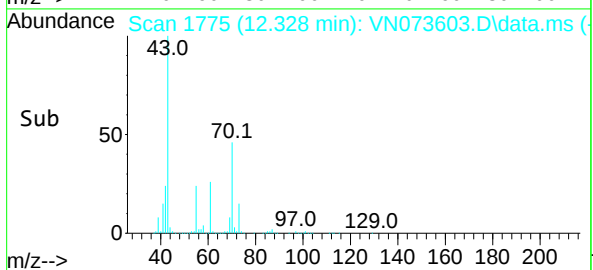
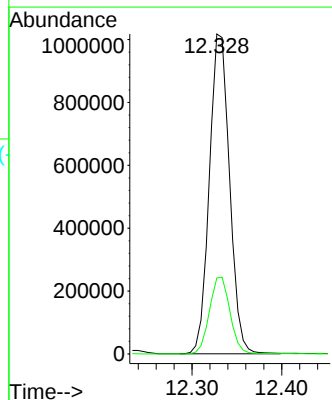
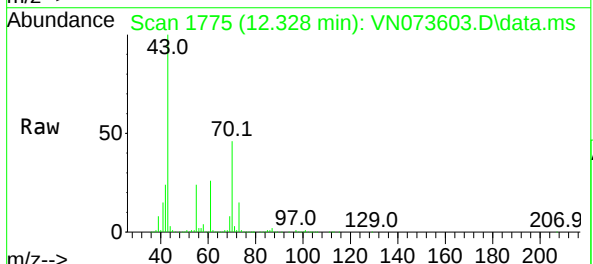
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

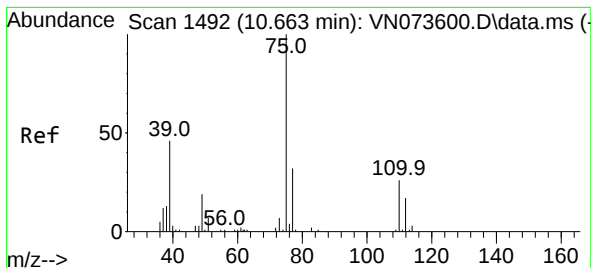
Tgt Ion: 41 Resp: 835381
Ion Ratio Lower Upper
41 100
69 95.2 44.4 133.2
39 59.0 39.9 119.6



#47
n-amy1 Acetate
Concen: 135.694 ug/l
RT: 12.328 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

Tgt Ion: 43 Resp: 1592034
Ion Ratio Lower Upper
43 100
55 24.4 19.0 28.6





#48

t-1,3-Dichloropropene

Concen: 169.538 ug/l

RT: 10.657 min Scan# 1491

Delta R.T. -0.006 min

Lab File: VN073603.D

Acq: 27 Jul 2022 13:07

Instrument :

MSVOA_N

ClientSampleId :

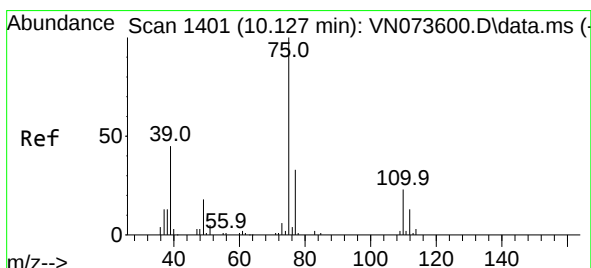
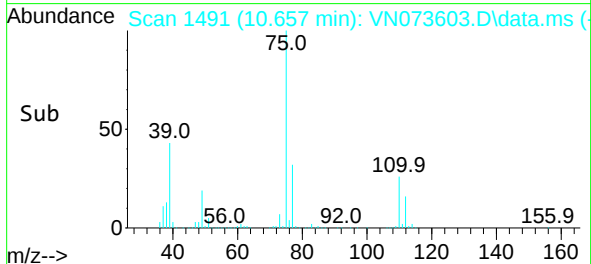
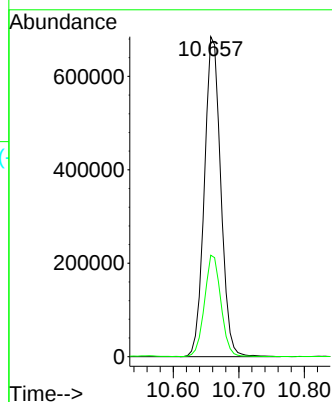
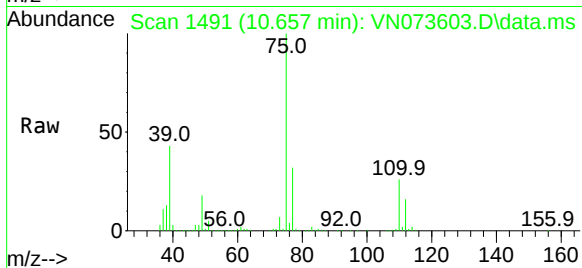
VSTDIC150

Tgt Ion: 75 Resp: 1193581

Ion Ratio Lower Upper

75 100

77 31.7 25.3 37.9



#49

cis-1,3-Dichloropropene

Concen: 165.662 ug/l

RT: 10.128 min Scan# 1401

Delta R.T. 0.000 min

Lab File: VN073603.D

Acq: 27 Jul 2022 13:07

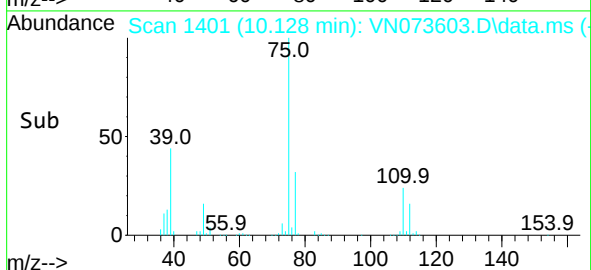
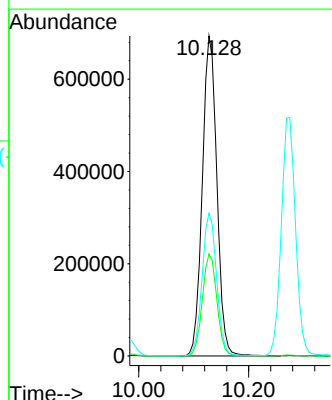
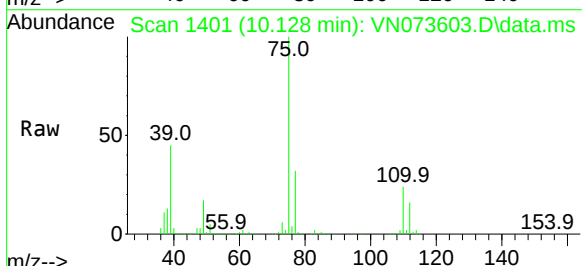
Tgt Ion: 75 Resp: 1276301

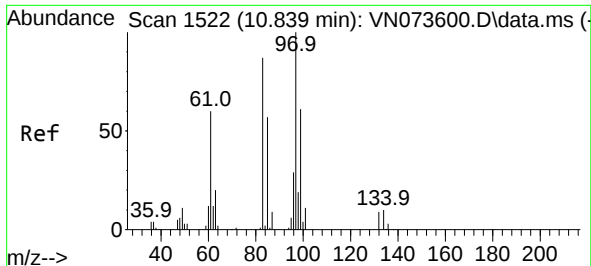
Ion Ratio Lower Upper

75 100

77 31.9 25.3 37.9

39 44.6 46.2 69.4#



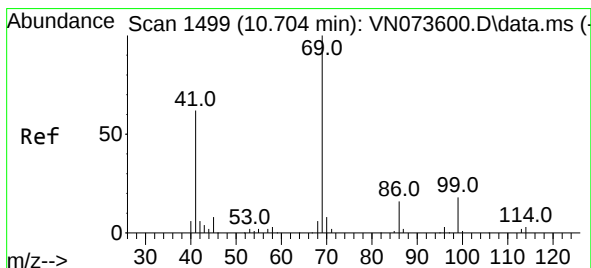
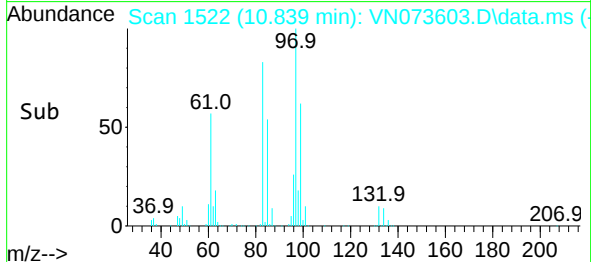
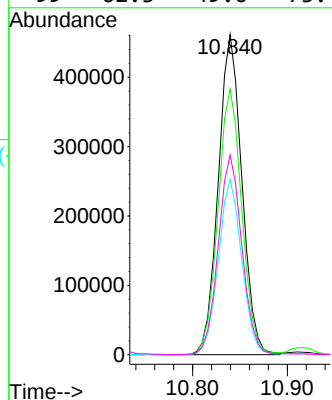
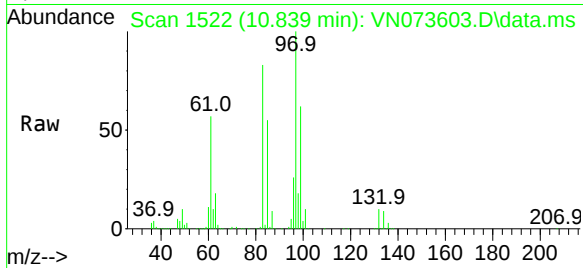


#50
1,1,2-Trichloroethane
Concen: 148.047 ug/l
RT: 10.839 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 97 Resp: 798561

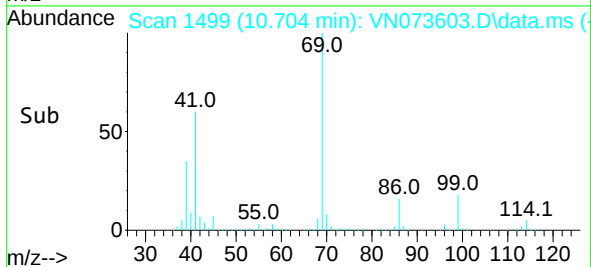
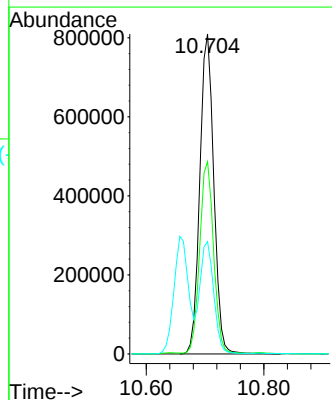
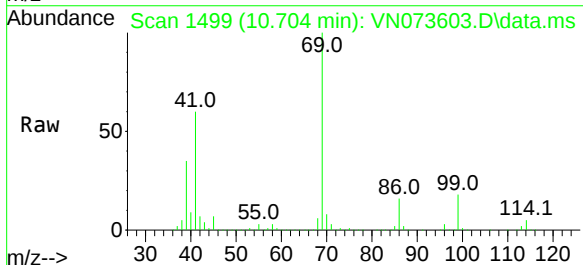
Ion	Ratio	Lower	Upper
97	100		
83	83.1	67.2	100.8
85	54.7	43.0	64.4
99	62.3	49.0	73.4

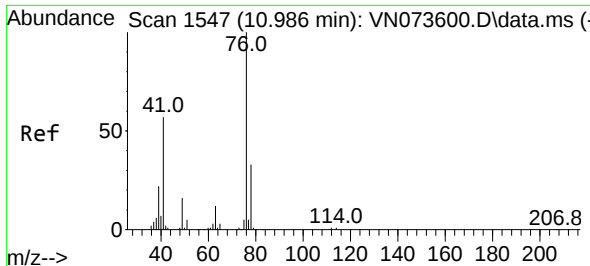


#51
Ethyl methacrylate
Concen: 149.924 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

Tgt Ion: 69 Resp: 1332932

Ion	Ratio	Lower	Upper
69	100		
41	60.0	33.0	98.9
39	34.9	25.4	76.4

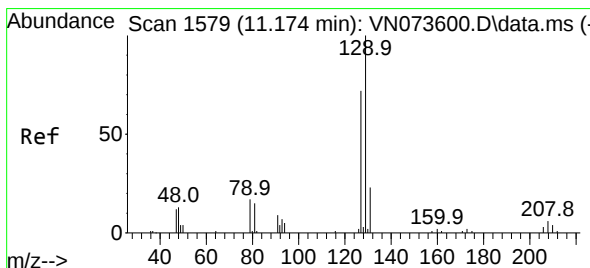
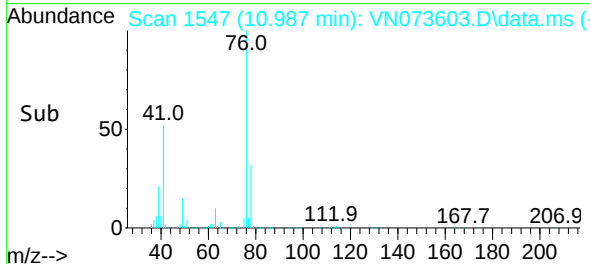
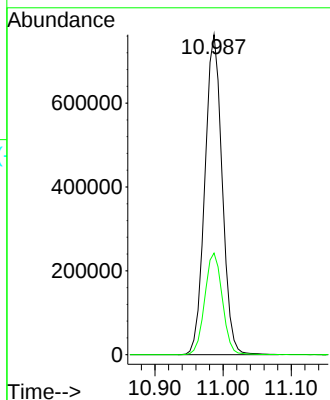
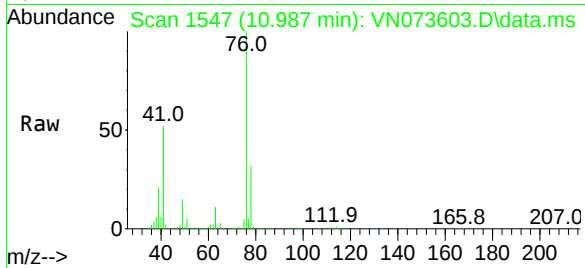




#52
1,3-Dichloropropane
Concen: 145.272 ug/l
RT: 10.987 min Scan# 1547
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

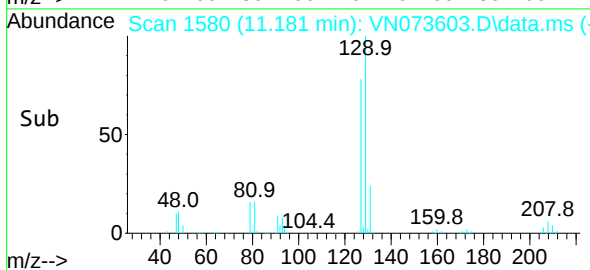
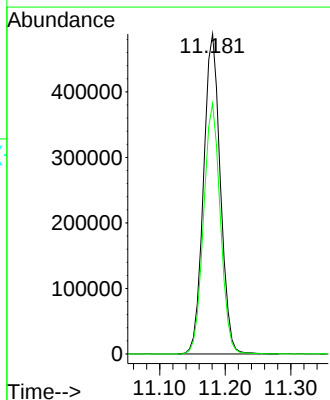
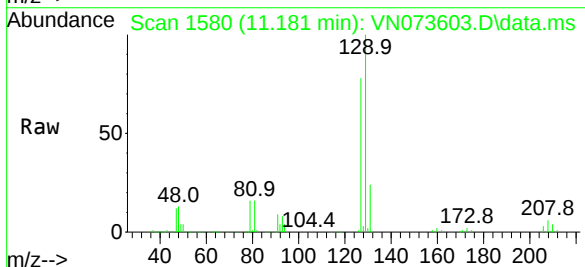
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

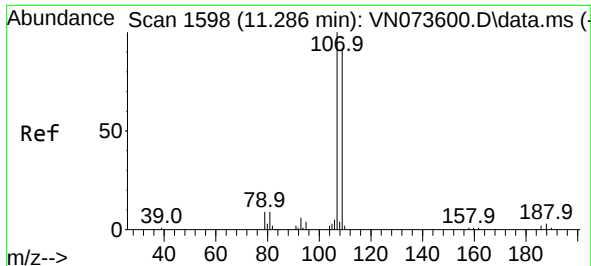
Tgt Ion: 76 Resp: 1347650
Ion Ratio Lower Upper
76 100
78 32.3 0.0 65.4



#53
Dibromochloromethane
Concen: 154.954 ug/l
RT: 11.181 min Scan# 1580
Delta R.T. 0.006 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

Tgt Ion: 129 Resp: 871047
Ion Ratio Lower Upper
129 100
127 78.1 39.0 117.0

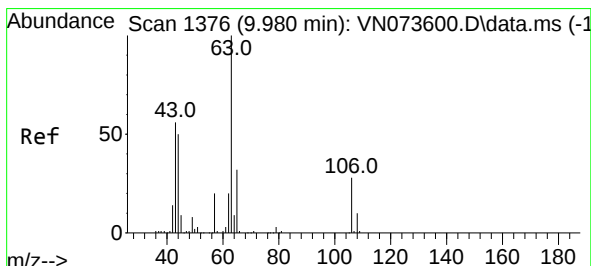
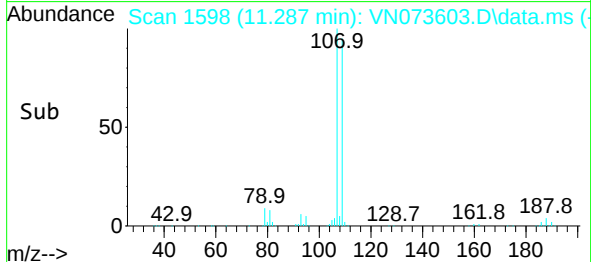
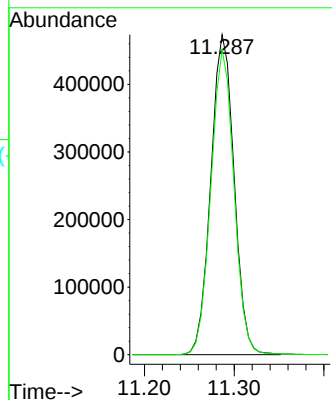
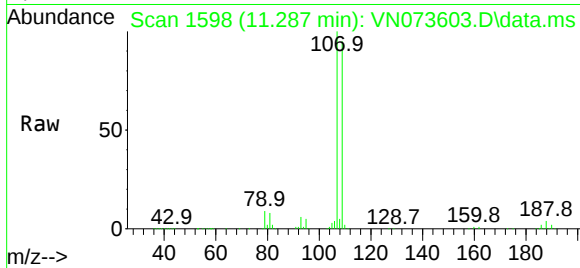




#54
1,2-Dibromoethane
Concen: 151.228 ug/l
RT: 11.287 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

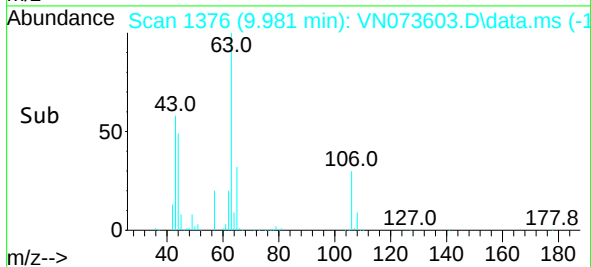
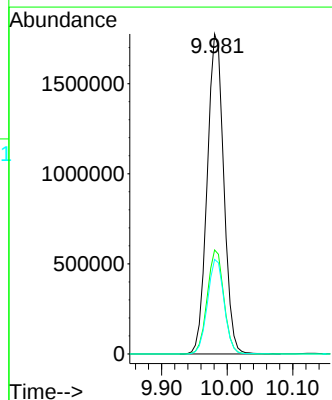
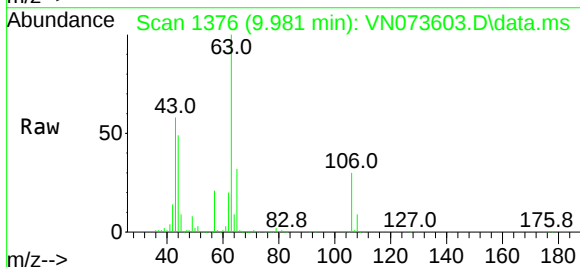
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

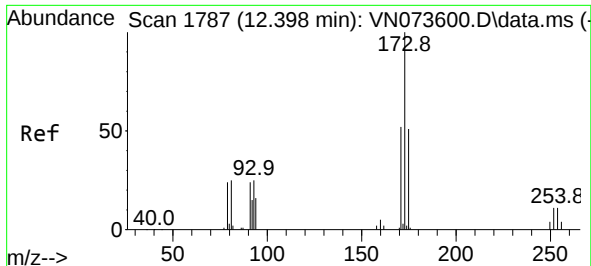
Tgt Ion:107 Resp: 853103
Ion Ratio Lower Upper
107 100
109 94.3 72.8 109.2



#55
2-Chloroethyl vinyl ether
Concen: 818.009 ug/l
RT: 9.981 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

Tgt Ion: 63 Resp: 3126001
Ion Ratio Lower Upper
63 100
65 32.3 25.4 38.0
106 29.5 23.2 34.8

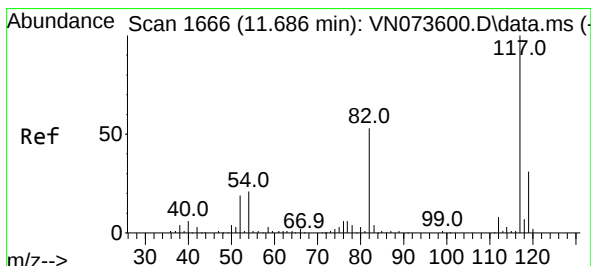
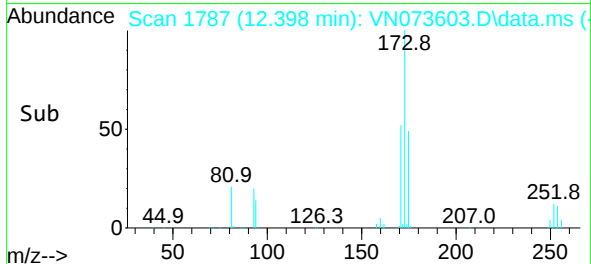
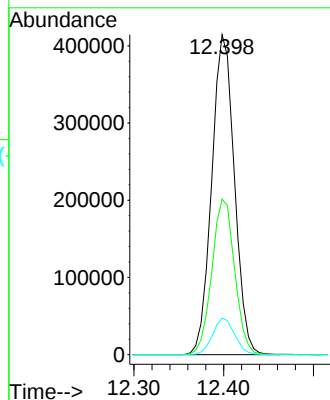
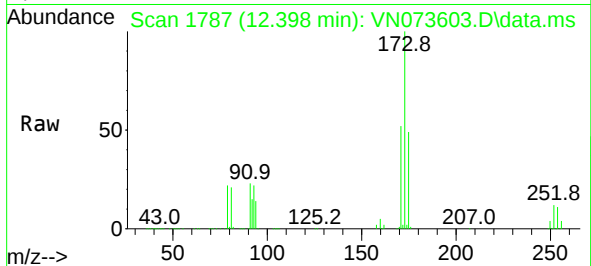




#56
Bromoform
Concen: 175.900 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

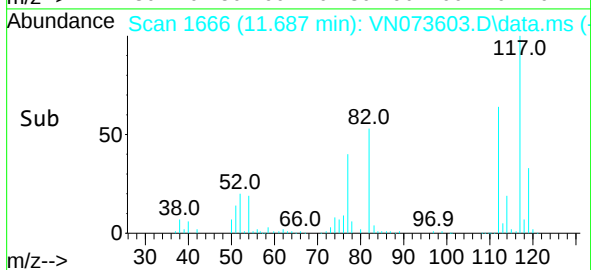
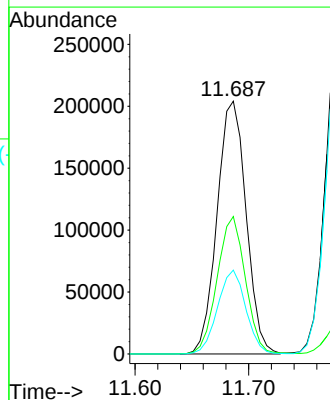
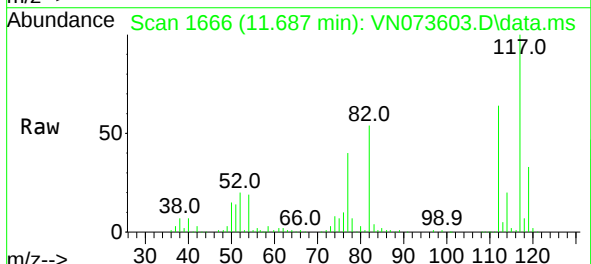
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

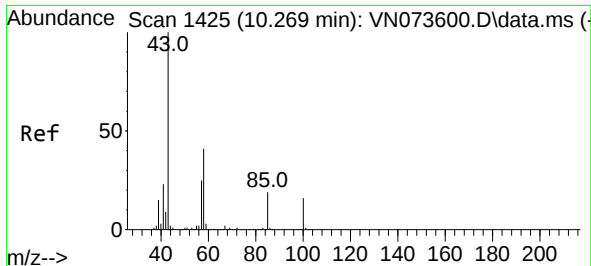
Tgt Ion:173 Resp: 728162
Ion Ratio Lower Upper
173 100
175 48.7 38.6 58.0
254 11.2 0.0 0.0#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.687 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

Tgt Ion:117 Resp: 362970
Ion Ratio Lower Upper
117 100
82 52.8 43.6 65.4
119 32.2 25.8 38.6

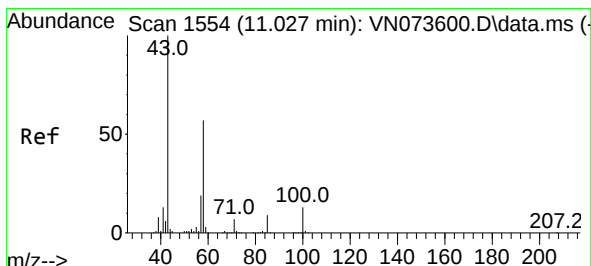
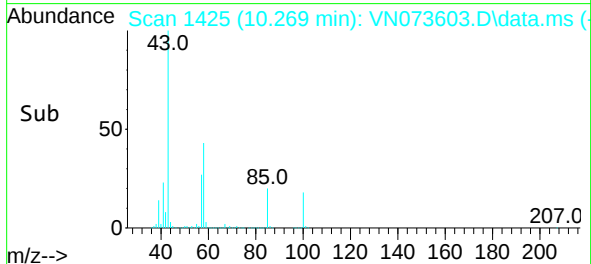
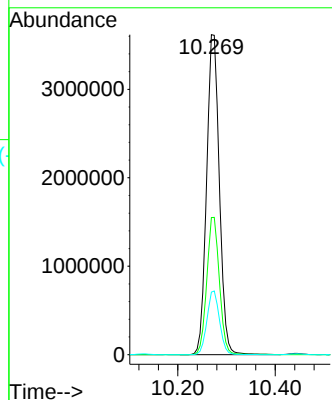
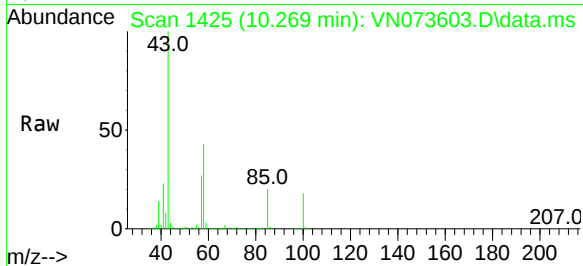




#58
4-Methyl-2-Pentanone
Concen: 634.287 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

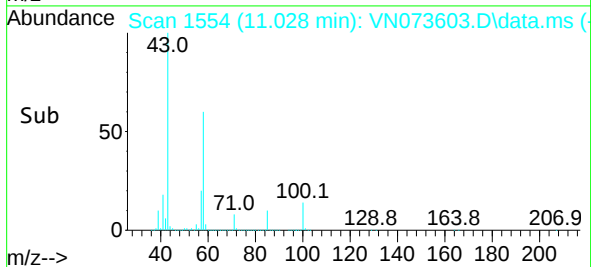
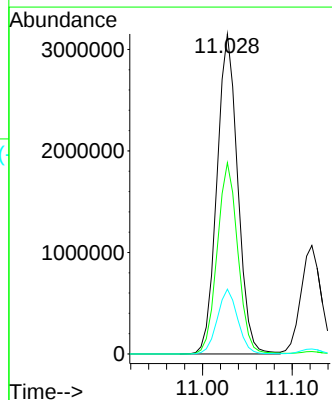
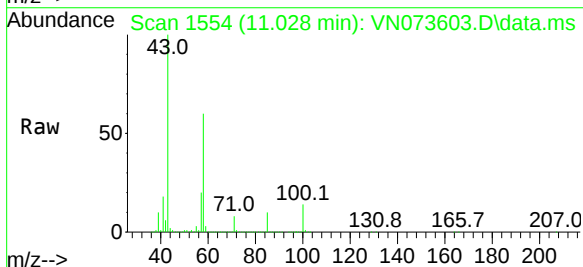
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

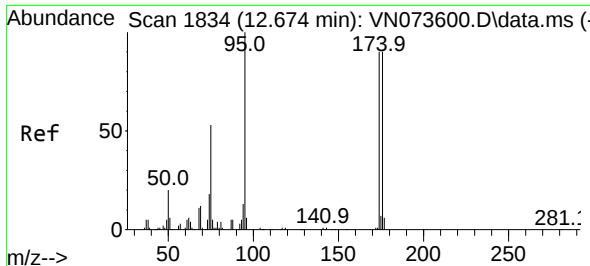
Tgt Ion: 43 Resp: 6556900
Ion Ratio Lower Upper
43 100
58 42.4 30.0 45.0
85 19.6 15.0 22.6



#59
2-Hexanone
Concen: 641.640 ug/l
RT: 11.028 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

Tgt Ion: 43 Resp: 5071497
Ion Ratio Lower Upper
43 100
58 59.3 42.2 63.2
57 19.9 15.0 22.4

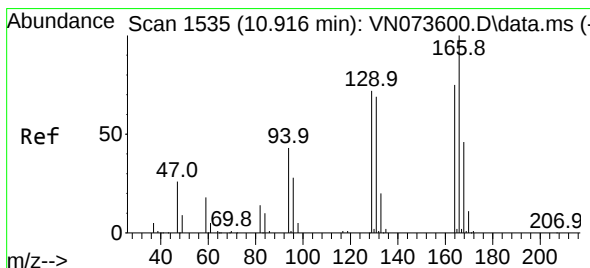
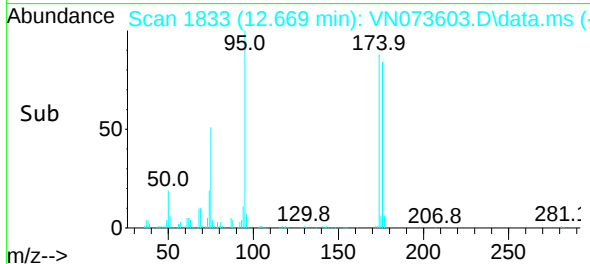
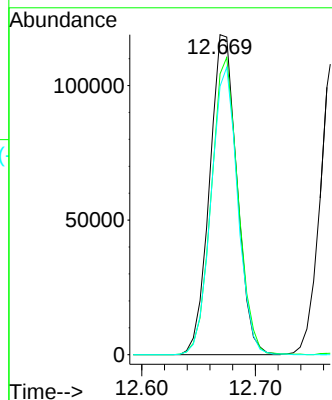
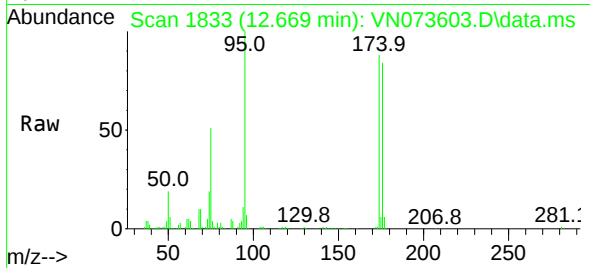




#60
4-Bromofluorobenzene
Concen: 28.916 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

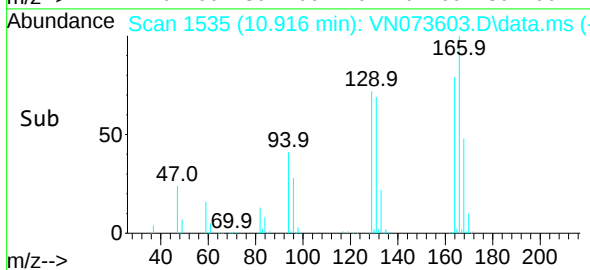
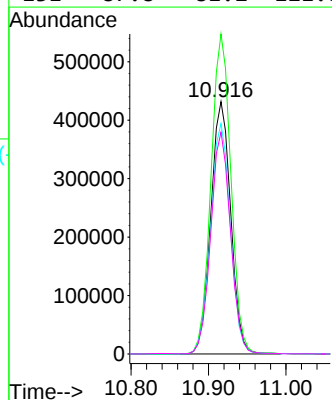
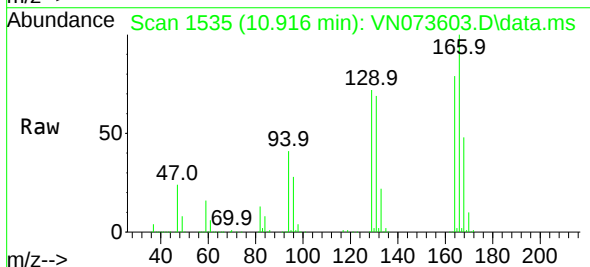
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

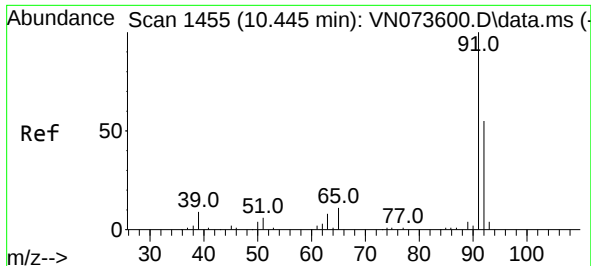
Tgt Ion: 95 Resp: 198615
Ion Ratio Lower Upper
95 100
174 91.0 62.9 94.3
176 87.2 61.0 91.4



#61
Tetrachloroethene
Concen: 157.976 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

Tgt Ion: 164 Resp: 771504
Ion Ratio Lower Upper
164 100
166 126.8 105.8 158.8
129 91.3 82.5 123.7
131 87.8 81.2 121.8

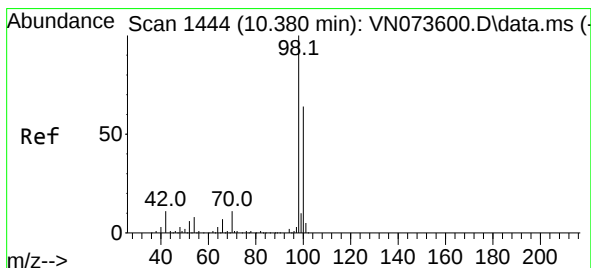
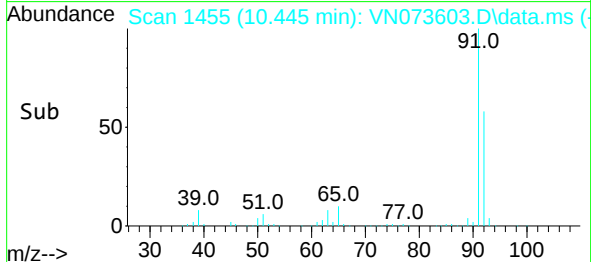
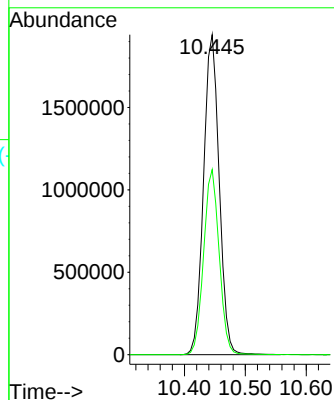
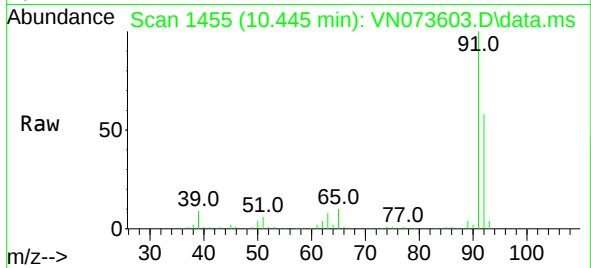




#62
Toluene
Concen: 142.421 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

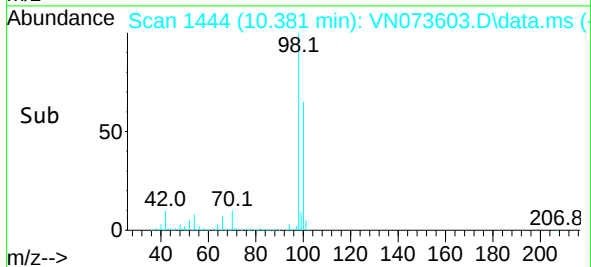
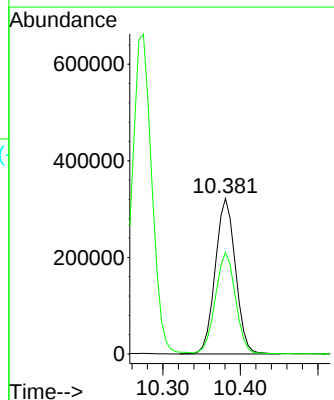
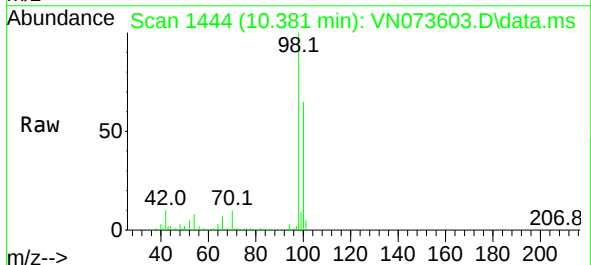
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

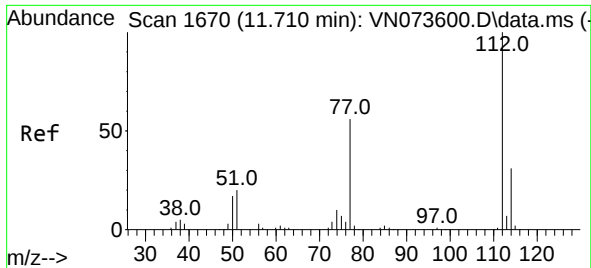
Tgt Ion: 91 Resp: 3466441
Ion Ratio Lower Upper
91 100
92 57.5 44.6 67.0



#63
Toluene-d8
Concen: 29.311 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

Tgt Ion: 98 Resp: 583563
Ion Ratio Lower Upper
98 100
100 65.3 50.6 76.0

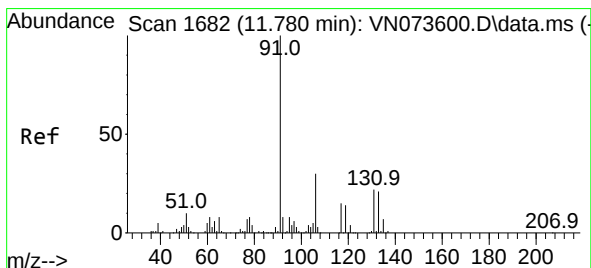
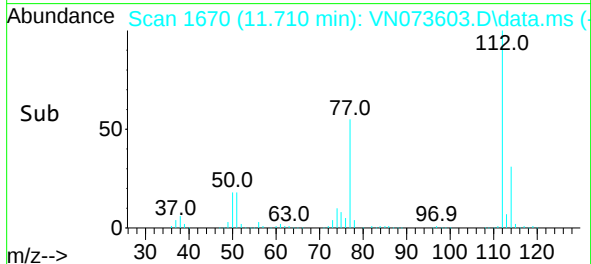
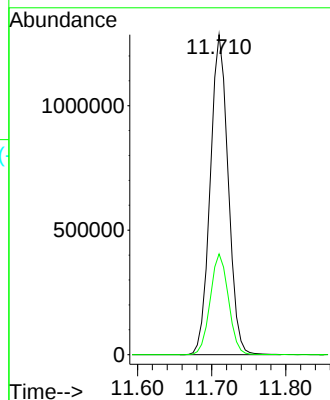
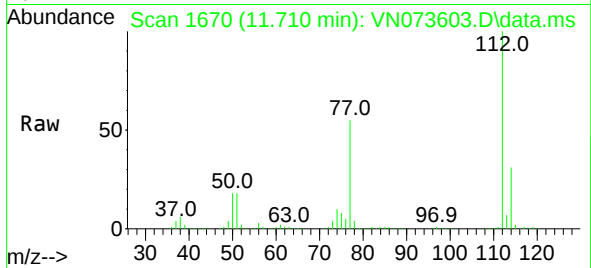




#64
Chlorobenzene
Concen: 148.292 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

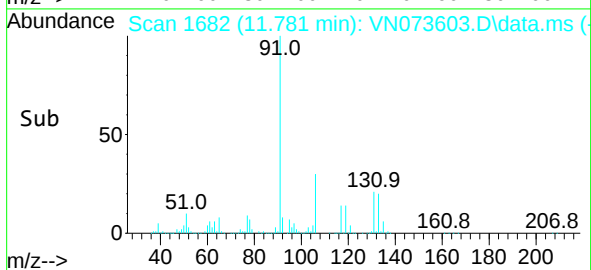
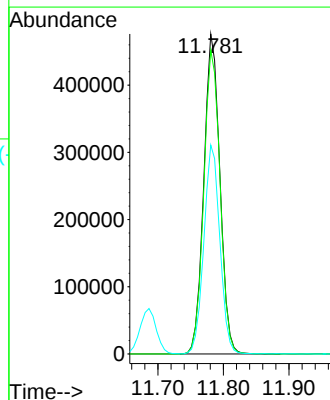
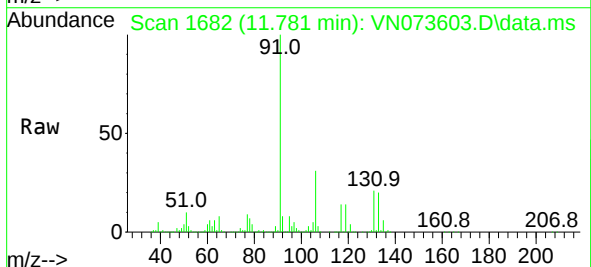
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

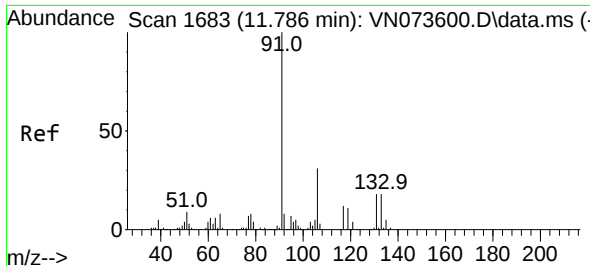
Tgt Ion:112 Resp: 2160185
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.6



#65
1,1,1,2-Tetrachloroethane
Concen: 147.592 ug/l
RT: 11.781 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

Tgt Ion:131 Resp: 814250
Ion Ratio Lower Upper
131 100
133 96.0 0.0 191.2
119 64.9 0.0 128.8

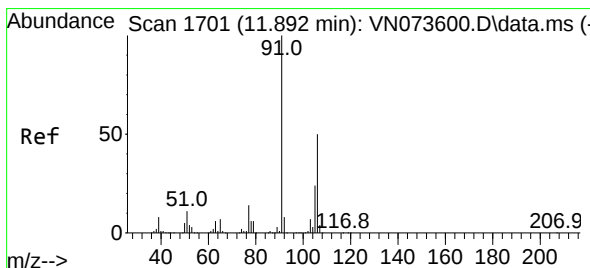
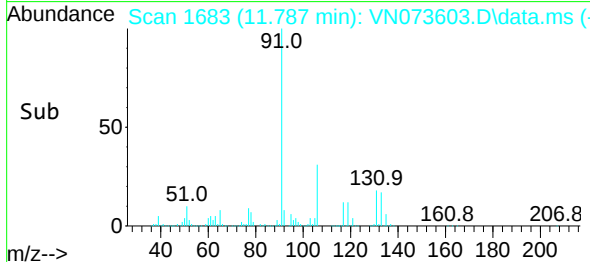
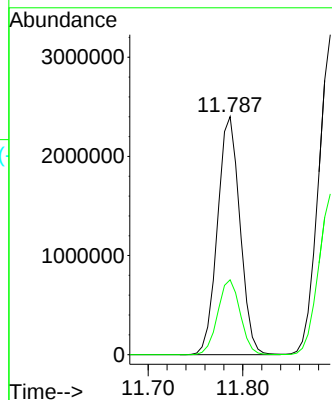
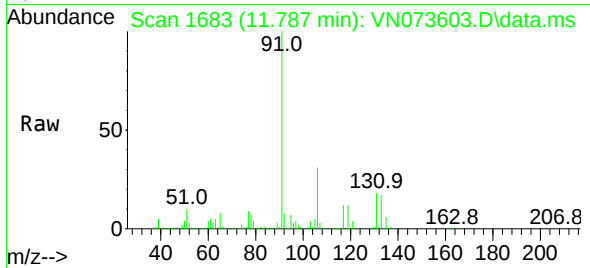




#66
Ethyl Benzene
Concen: 148.707 ug/l
RT: 11.787 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

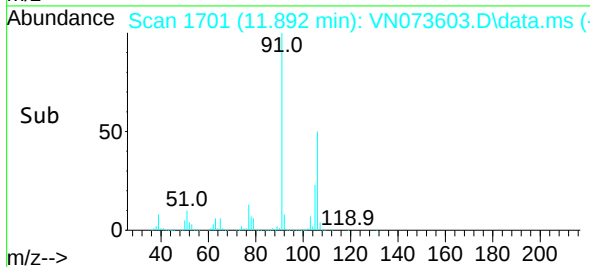
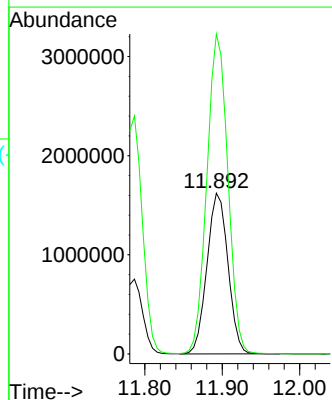
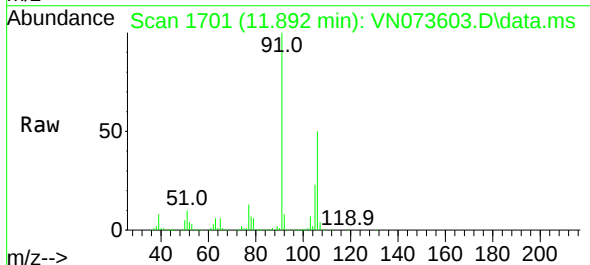
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

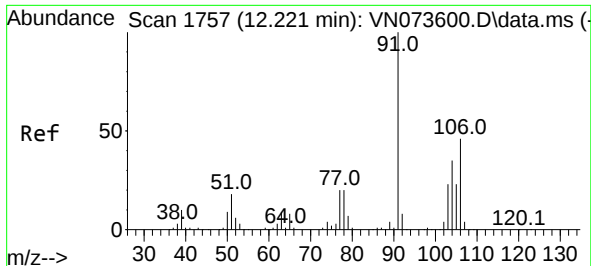
Tgt Ion: 91 Resp: 3959321
Ion Ratio Lower Upper
91 100
106 31.5 24.0 36.0



#67
m/p-Xylenes
Concen: 304.620 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

Tgt Ion:106 Resp: 3054525
Ion Ratio Lower Upper
106 100
91 199.1 162.9 244.3

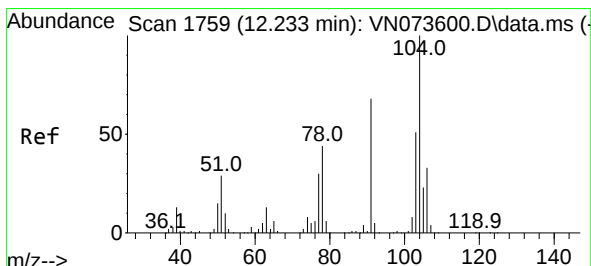
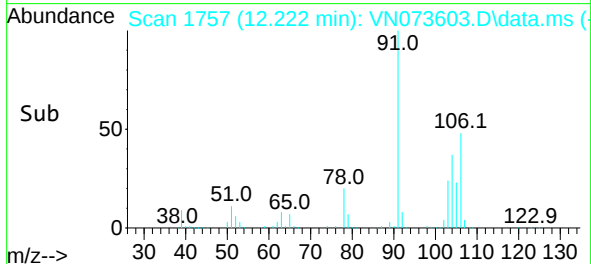
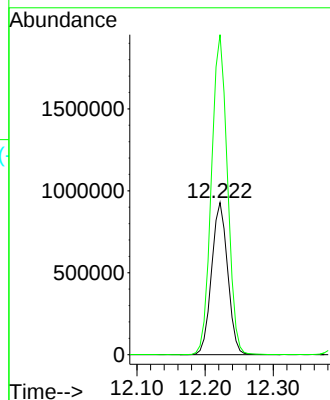
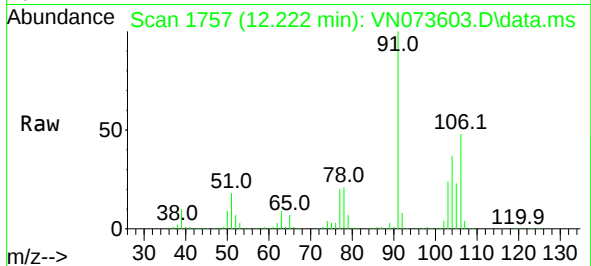




#68
o-Xylene
Concen: 151.376 ug/l
RT: 12.222 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

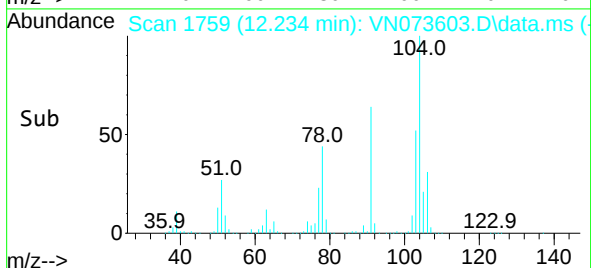
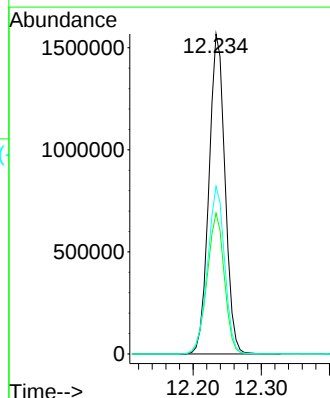
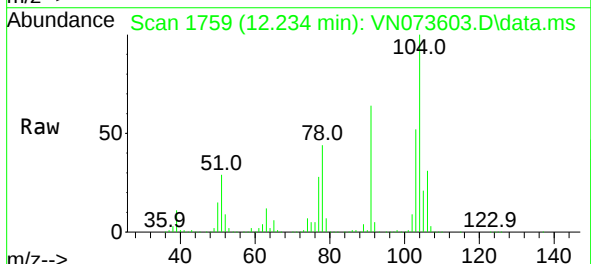
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

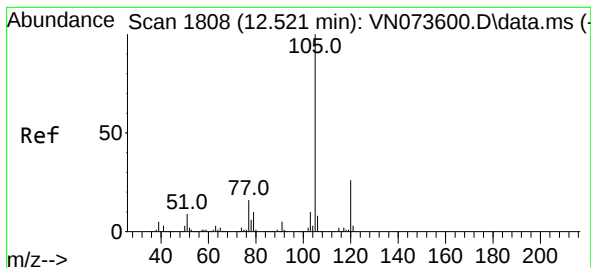
Tgt Ion:106 Resp: 1519932
Ion Ratio Lower Upper
106 100
91 210.3 107.7 323.1



#69
Styrene
Concen: 158.569 ug/l
RT: 12.234 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

Tgt Ion:104 Resp: 2573161
Ion Ratio Lower Upper
104 100
78 47.2 40.7 61.1
103 55.6 45.8 68.8





#70

Isopropylbenzene

Concen: 151.888 ug/l

RT: 12.522 min Scan# 1808

Delta R.T. 0.000 min

Lab File: VN073603.D

Acq: 27 Jul 2022 13:07

Instrument :

MSVOA_N

ClientSampleId :

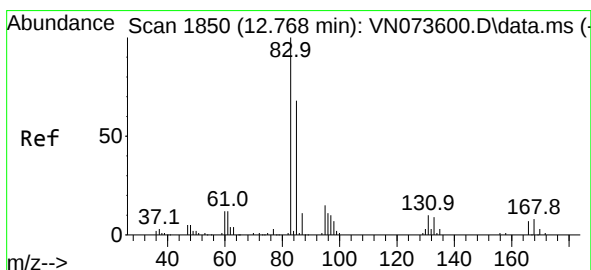
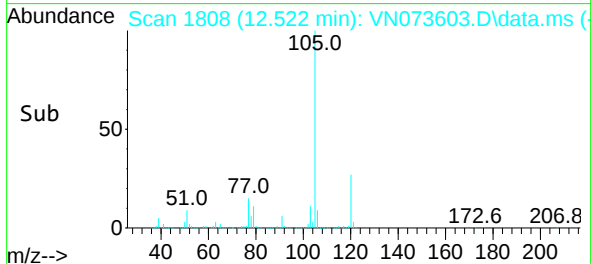
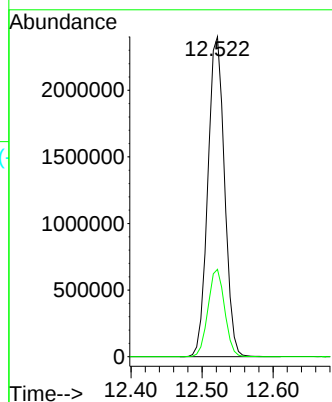
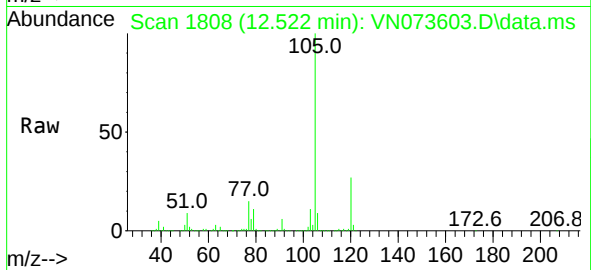
VSTDIC150

Tgt Ion:105 Resp: 3916399

Ion Ratio Lower Upper

105 100

120 27.2 18.3 34.1



#71

1,1,2,2-Tetrachloroethane

Concen: 139.746 ug/l

RT: 12.769 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VN073603.D

Acq: 27 Jul 2022 13:07

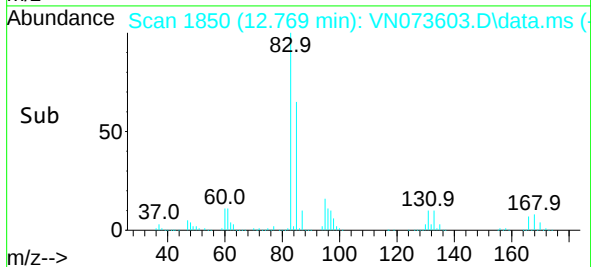
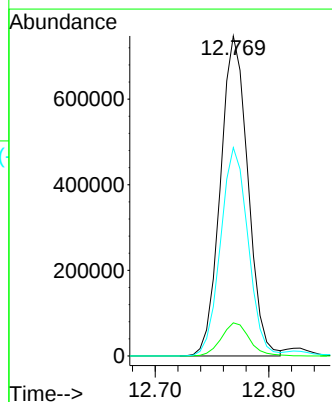
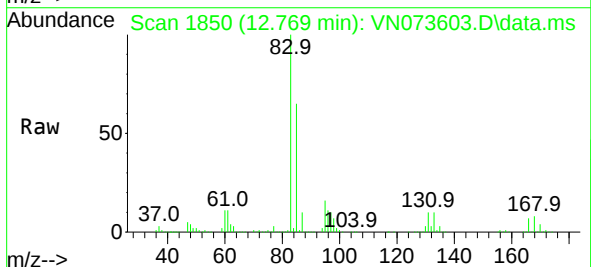
Tgt Ion: 83 Resp: 1255901

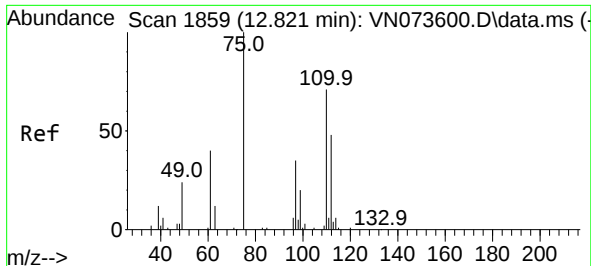
Ion Ratio Lower Upper

83 100

131 10.6 5.1 15.3

85 65.3 33.1 99.2

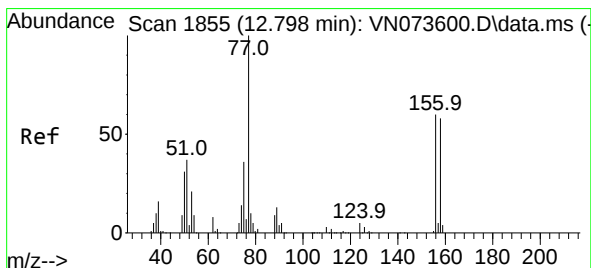
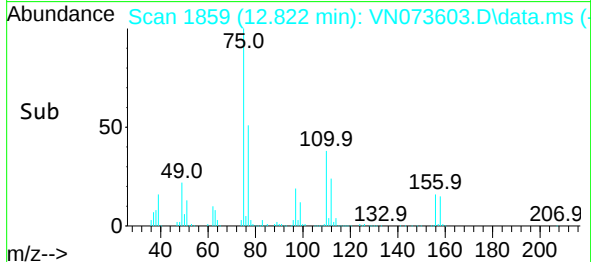
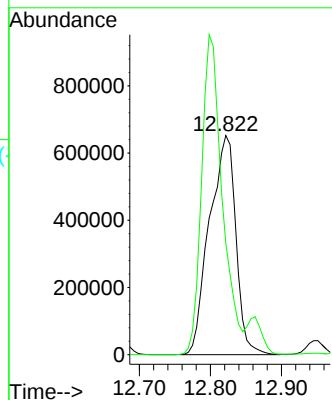
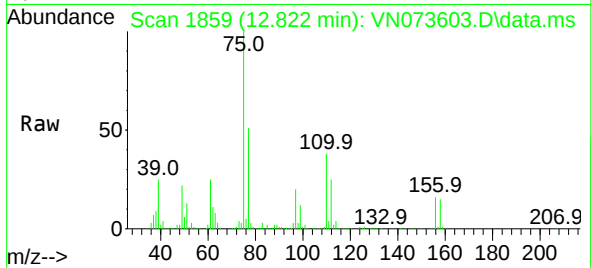




#72
1,2,3-Trichloropropane
Concen: 238.794 ug/l
RT: 12.822 min Scan# 1859
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

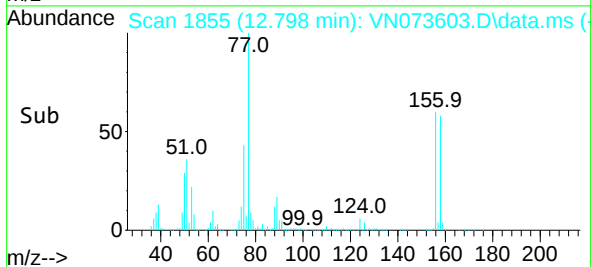
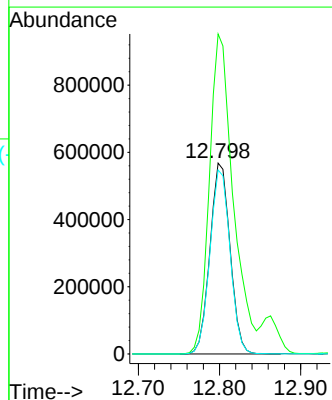
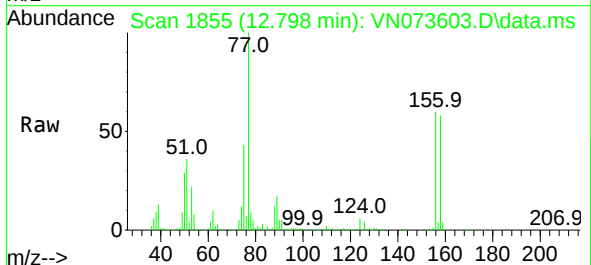
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

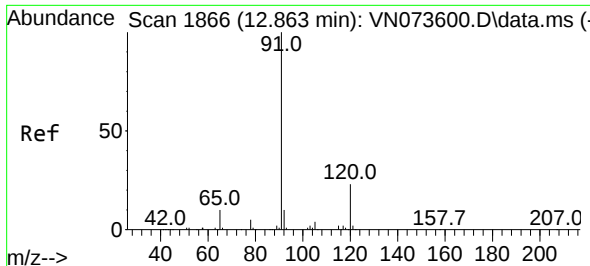
Tgt Ion: 75 Resp: 1684053
Ion Ratio Lower Upper
75 100
77 114.7 0.0 378.0



#73
Bromobenzene
Concen: 160.874 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

Tgt Ion: 156 Resp: 977552
Ion Ratio Lower Upper
156 100
77 197.5 0.0 416.0
158 96.7 0.0 195.4

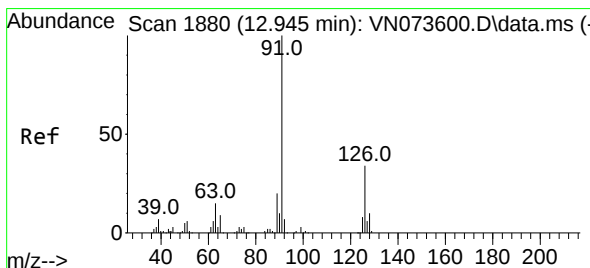
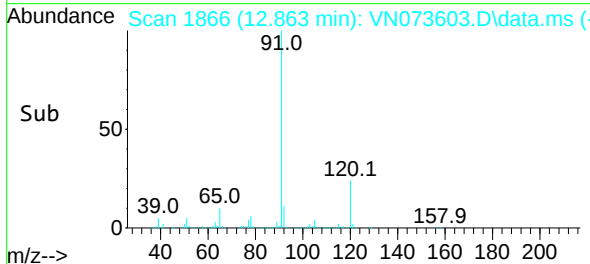
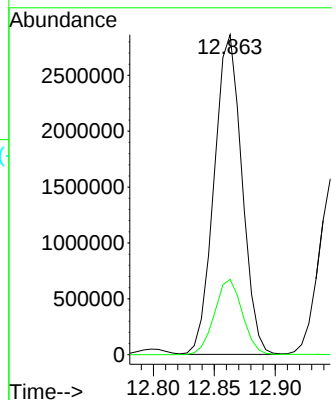
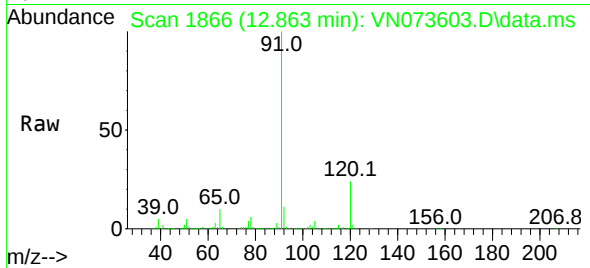




#74
n-propylbenzene
Concen: 154.089 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

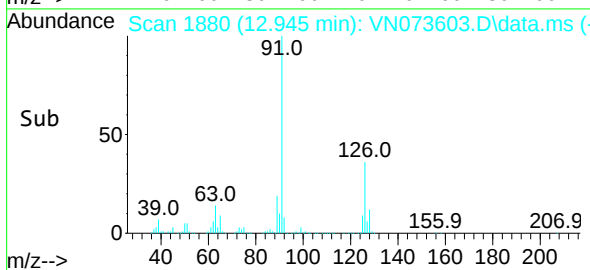
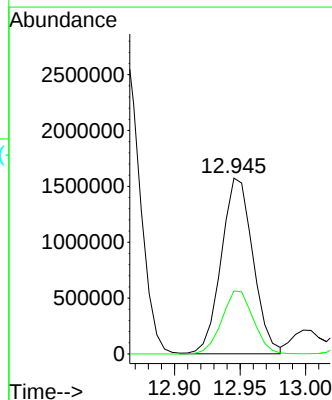
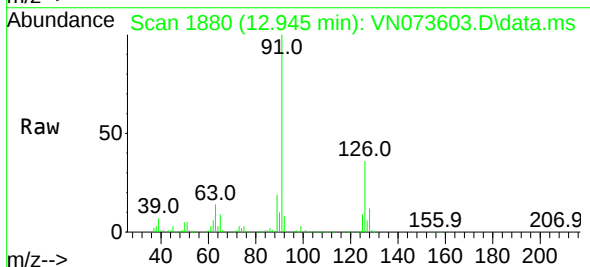
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

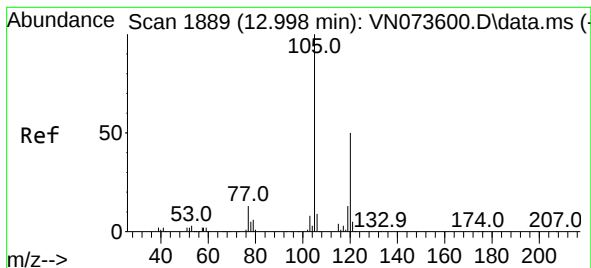
Tgt Ion: 91 Resp: 4542932
Ion Ratio Lower Upper
91 100
120 23.6 0.0 45.0



#75
2-Chlorotoluene
Concen: 145.043 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

Tgt Ion: 91 Resp: 2653016
Ion Ratio Lower Upper
91 100
126 35.5 0.0 69.8





#76

1,3,5-Trimethylbenzene

Concen: 150.422 ug/l

RT: 12.998 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VN073603.D

Acq: 27 Jul 2022 13:07

Instrument :

MSVOA_N

ClientSampleId :

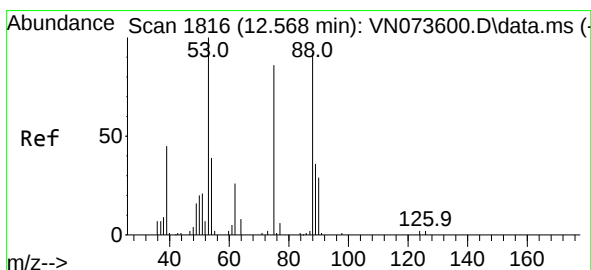
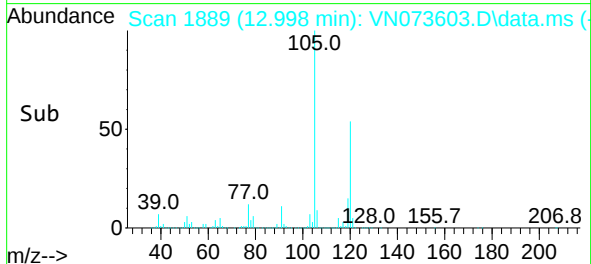
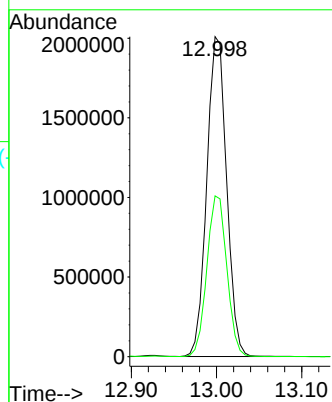
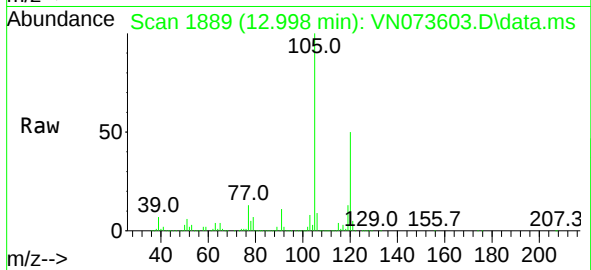
VSTDIC150

Tgt Ion:105 Resp: 3244782

Ion Ratio Lower Upper

105 100

120 50.6 0.0 93.8



#77

t-1,4-Dichloro-2-butene

Concen: 198.670 ug/l

RT: 12.569 min Scan# 1816

Delta R.T. 0.000 min

Lab File: VN073603.D

Acq: 27 Jul 2022 13:07

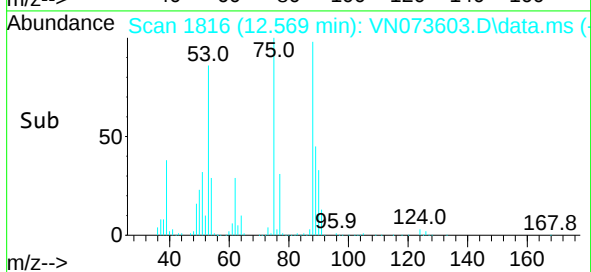
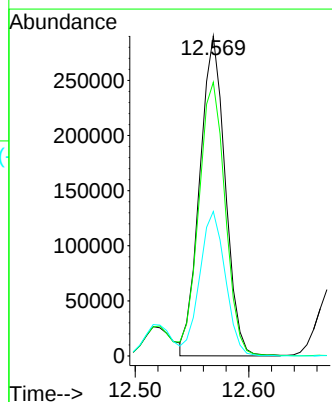
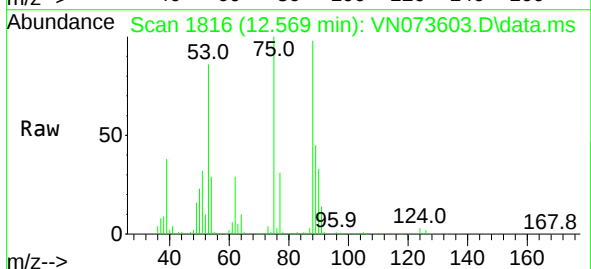
Tgt Ion: 75 Resp: 451921

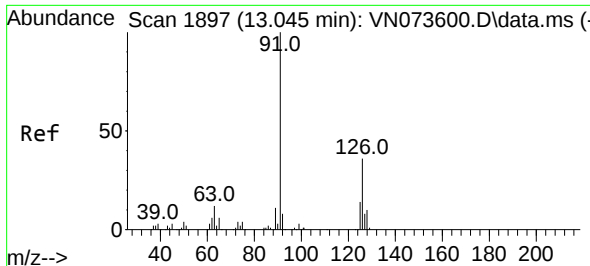
Ion Ratio Lower Upper

75 100

53 85.5 51.8 155.5

89 45.2 22.9 68.7

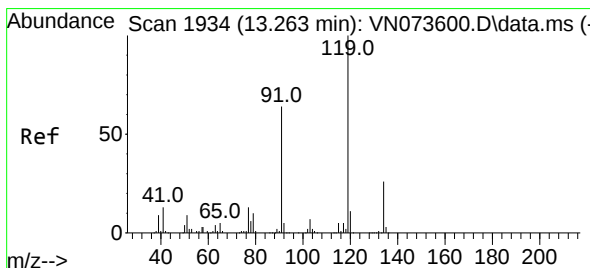
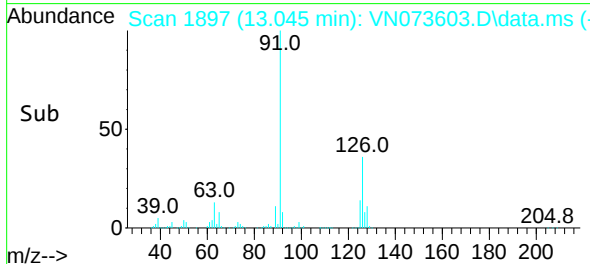
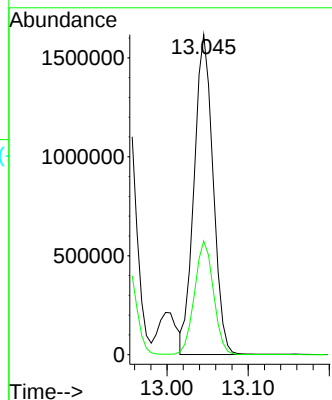
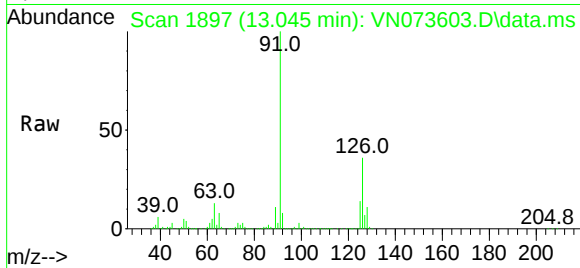




#78
4-Chlorotoluene
Concen: 149.013 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

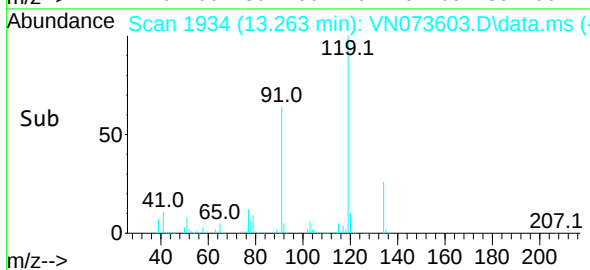
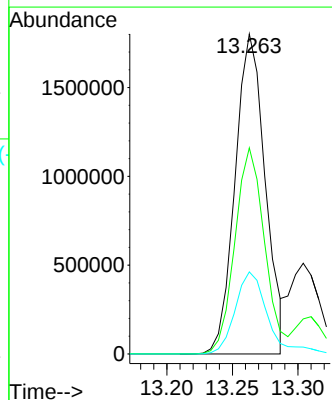
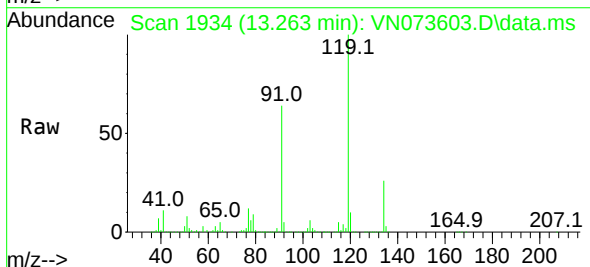
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

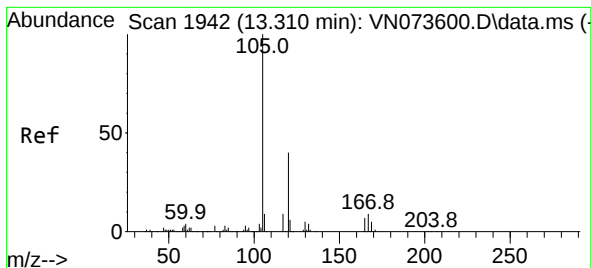
Tgt Ion: 91 Resp: 2617538
Ion Ratio Lower Upper
91 100
126 35.6 0.0 70.6



#79
tert-butylbenzene
Concen: 152.972 ug/l
RT: 13.263 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

Tgt Ion: 119 Resp: 2884722
Ion Ratio Lower Upper
119 100
91 63.6 0.0 137.0
134 26.4 0.0 47.6





#80

1,2,4-Trimethylbenzene

Concen: 196.595 ug/l

RT: 13.439 min Scan# 1942

Delta R.T. 0.130 min

Lab File: VN073603.D

Acq: 27 Jul 2022 13:07

Instrument :

MSVOA_N

ClientSampleId :

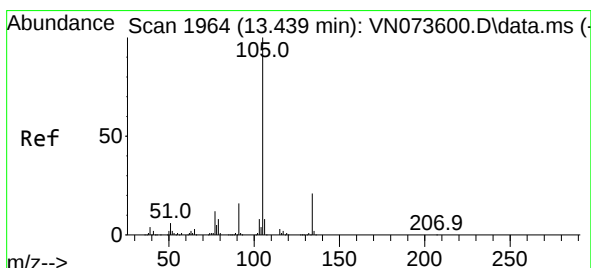
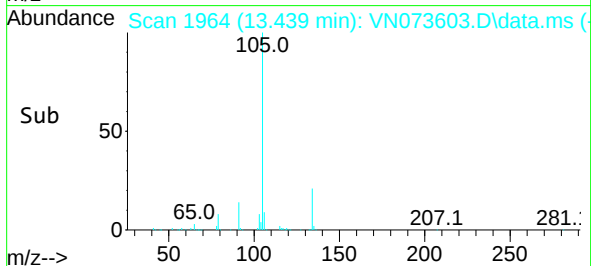
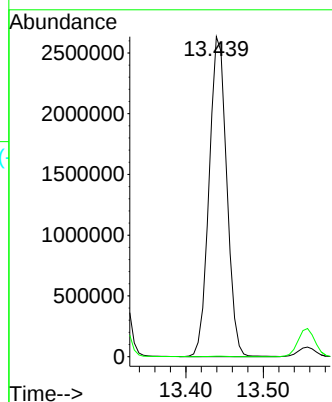
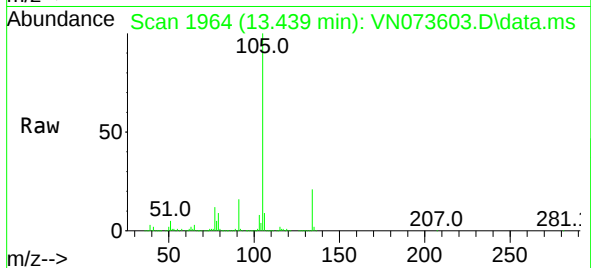
VSTDIC150

Tgt Ion:105 Resp: 4158367

Ion Ratio Lower Upper

105 100

120 0.2 0.0 0.2



#81

sec-Butylbenzene

Concen: 161.325 ug/l

RT: 13.439 min Scan# 1964

Delta R.T. 0.000 min

Lab File: VN073603.D

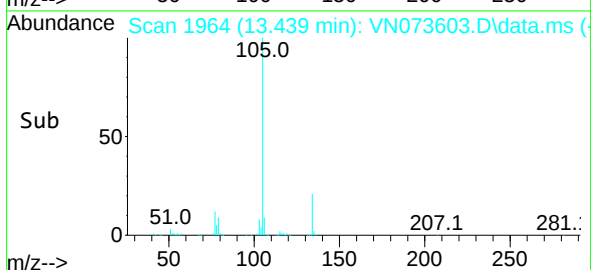
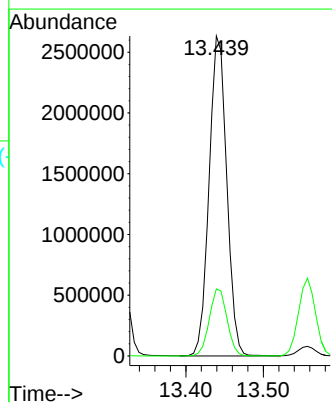
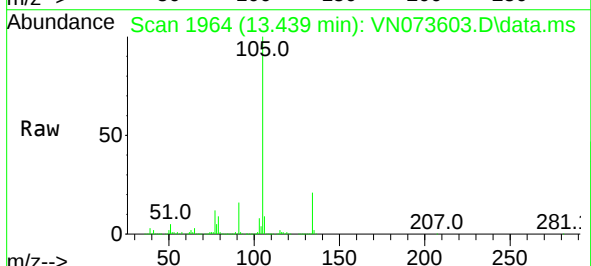
Acq: 27 Jul 2022 13:07

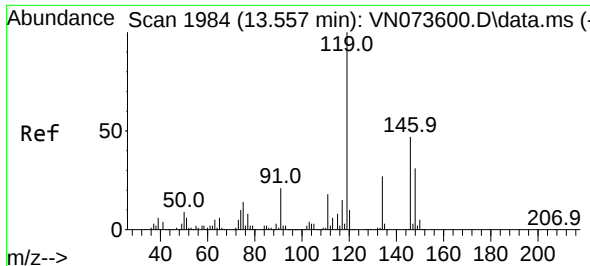
Tgt Ion:105 Resp: 4158367

Ion Ratio Lower Upper

105 100

134 21.0 0.0 39.4

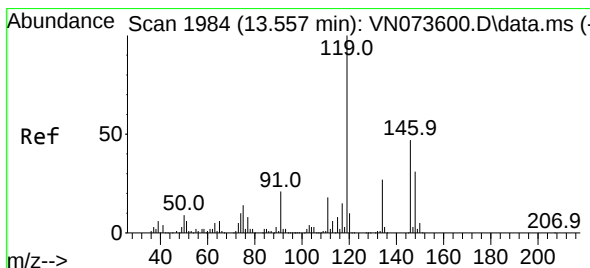
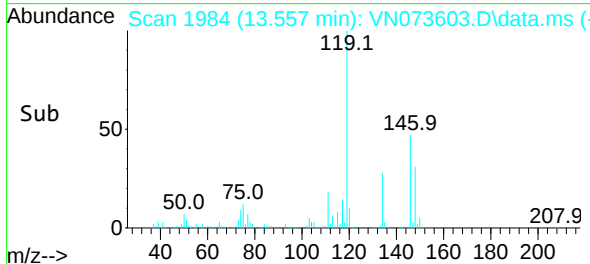
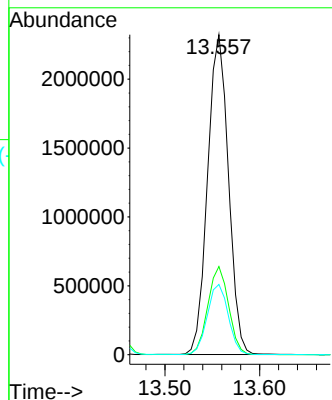
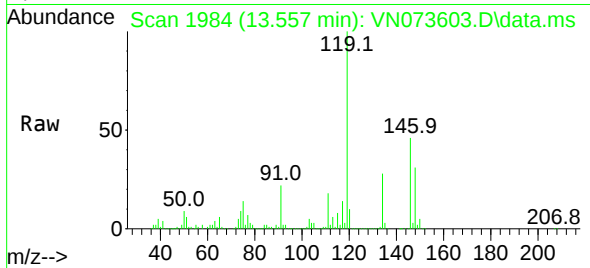




#82
p-Isopropyltoluene
Concen: 169.730 ug/l
RT: 13.557 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

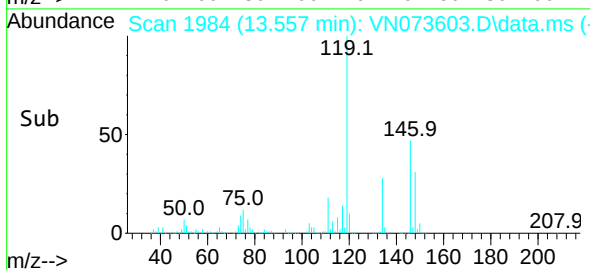
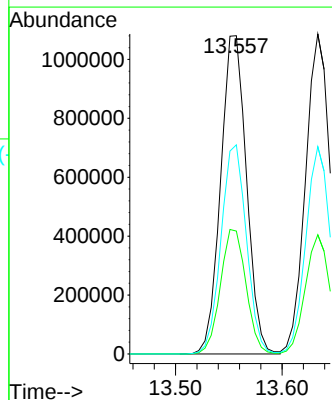
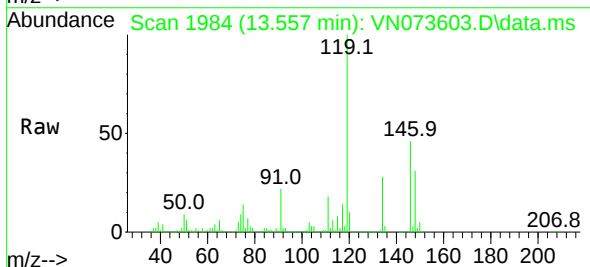
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

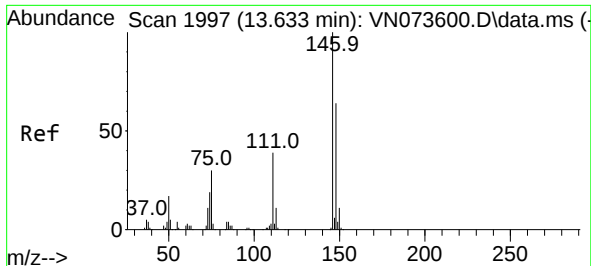
Tgt Ion:119 Resp: 3549006
Ion Ratio Lower Upper
119 100
134 27.3 0.0 51.8
91 22.2 0.0 50.4



#83
1,3-Dichlorobenzene
Concen: 169.037 ug/l
RT: 13.557 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

Tgt Ion:146 Resp: 1819478
Ion Ratio Lower Upper
146 100
111 38.7 20.8 62.2
148 64.5 31.4 94.3

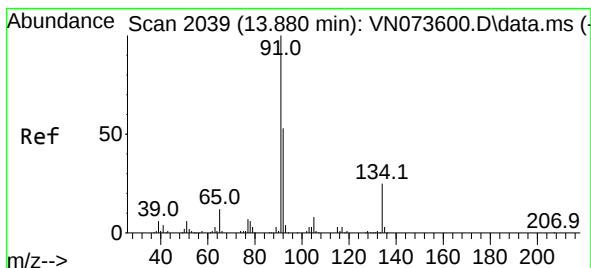
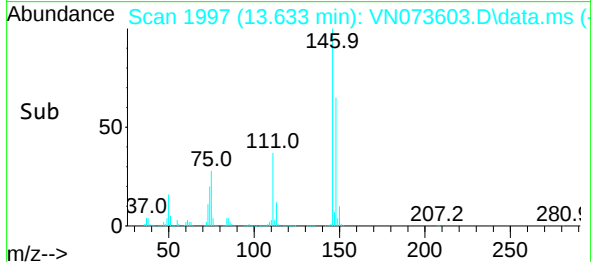
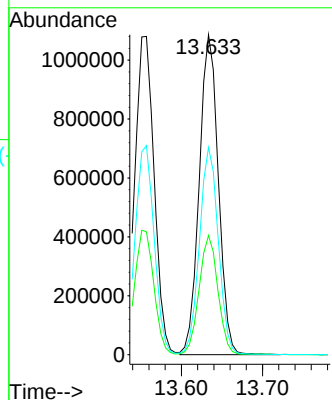
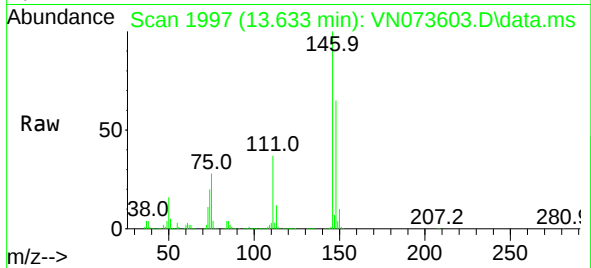




#84
1,4-Dichlorobenzene
Concen: 165.735 ug/l
RT: 13.633 min Scan# 1997
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

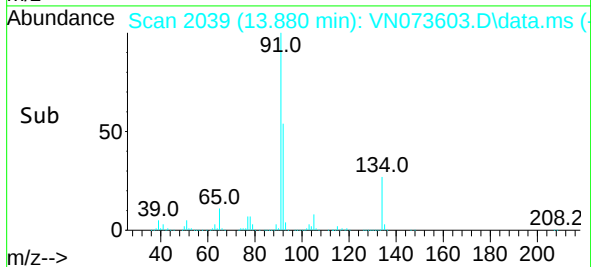
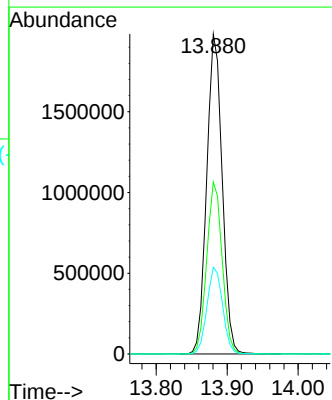
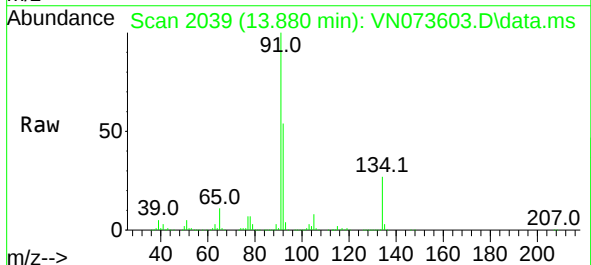
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

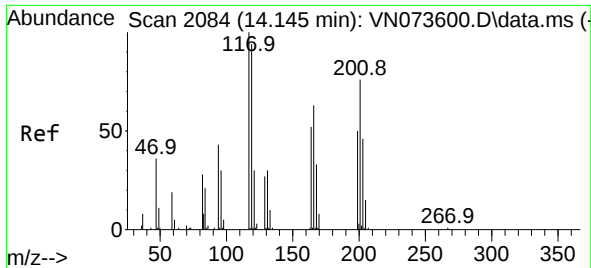
Tgt Ion:146 Resp: 1775077
Ion Ratio Lower Upper
146 100
111 36.3 19.5 58.5
148 63.7 31.1 93.5



#85
n-Butylbenzene
Concen: 176.394 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

Tgt Ion: 91 Resp: 3008312
Ion Ratio Lower Upper
91 100
92 53.6 0.0 100.6
134 27.4 0.0 50.2

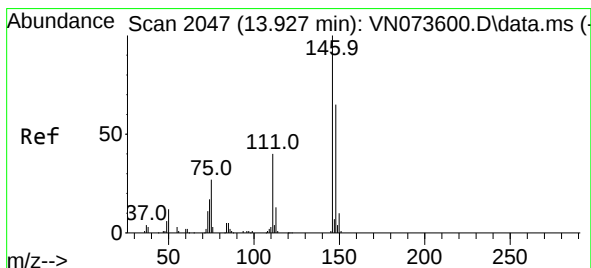
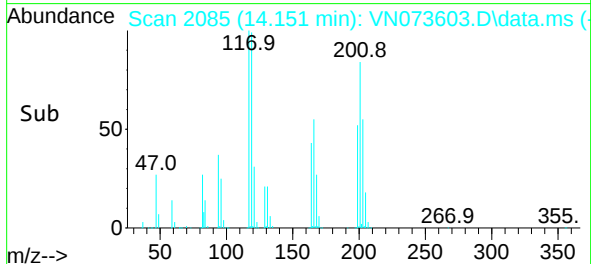
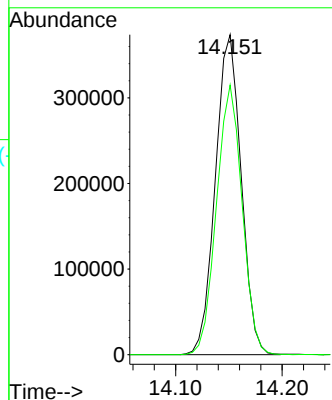
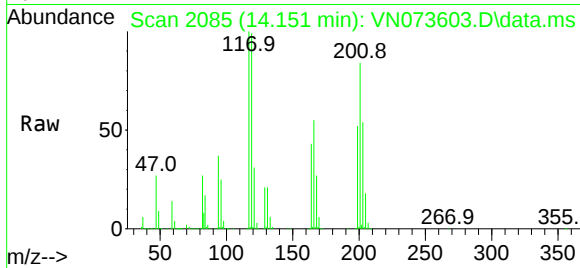




#86
Hexachloroethane
Concen: 154.222 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. 0.006 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

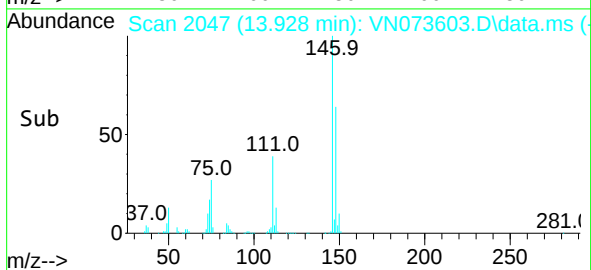
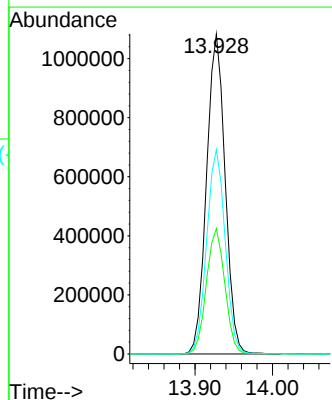
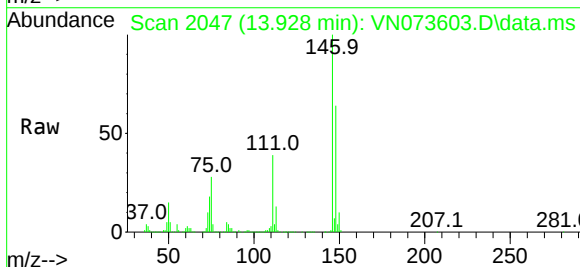
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

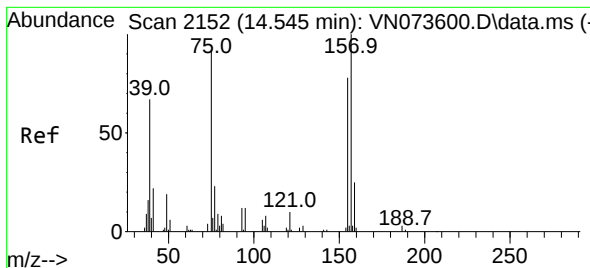
Tgt Ion:117 Resp: 628453
Ion Ratio Lower Upper
117 100
201 83.8 33.3 99.8



#87
1,2-Dichlorobenzene
Concen: 159.796 ug/l
RT: 13.928 min Scan# 2047
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

Tgt Ion:146 Resp: 1801387
Ion Ratio Lower Upper
146 100
111 39.0 21.4 64.2
148 64.0 32.5 97.4





#88

1,2-Dibromo-3-Chloropropane

Concen: 138.743 ug/l

RT: 14.539 min Scan# 2151

Delta R.T. -0.006 min

Lab File: VN073603.D

Acq: 27 Jul 2022 13:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

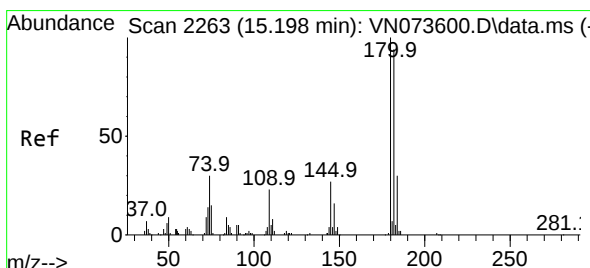
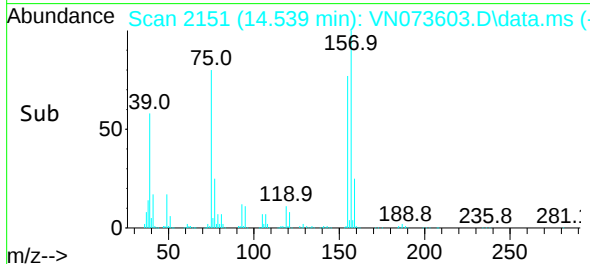
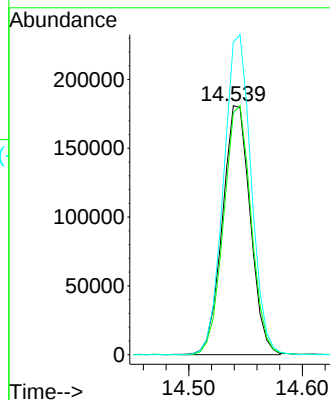
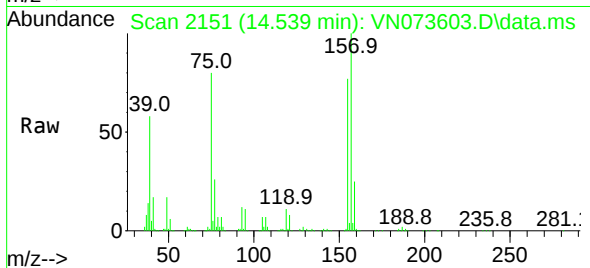
Tgt Ion: 75 Resp: 307926

Ion Ratio Lower Upper

75 100

155 98.9 63.8 95.8#

157 127.8 77.9 116.9#



#89

1,2,4-Trichlorobenzene

Concen: 194.045 ug/l

RT: 15.198 min Scan# 2263

Delta R.T. 0.000 min

Lab File: VN073603.D

Acq: 27 Jul 2022 13:07

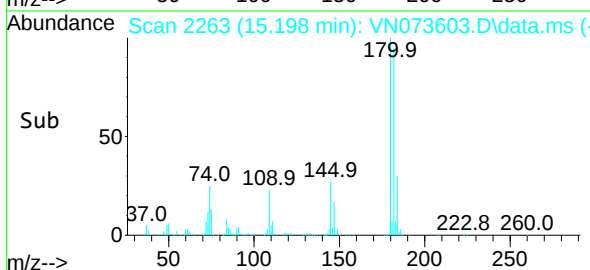
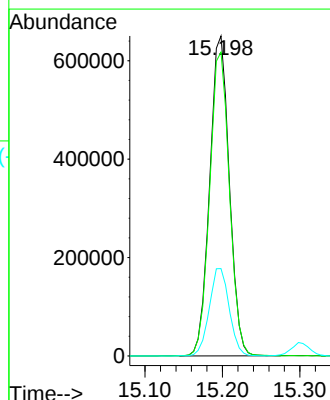
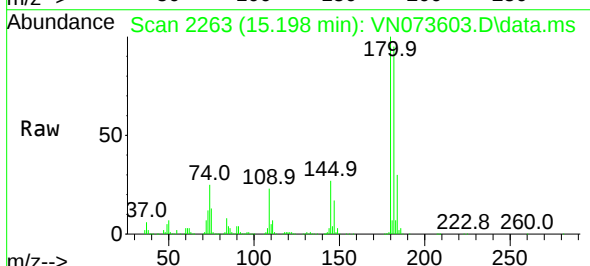
Tgt Ion: 180 Resp: 1141028

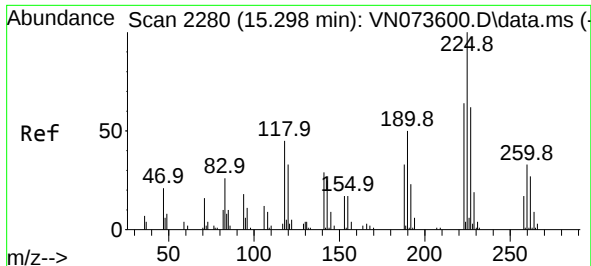
Ion Ratio Lower Upper

180 100

182 96.0 77.7 116.5

145 27.9 26.6 39.8

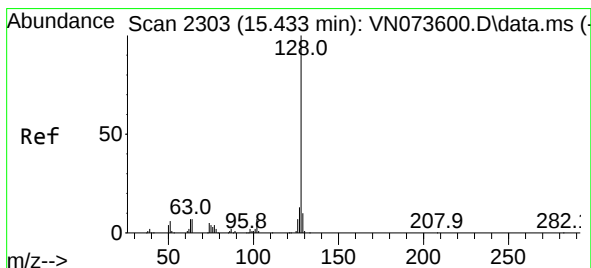
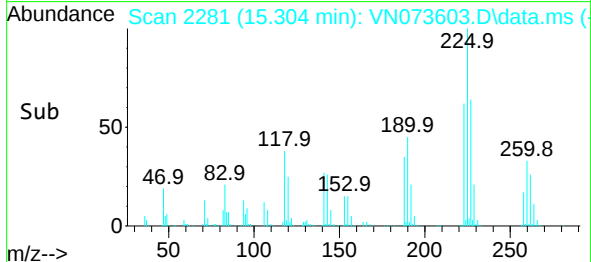
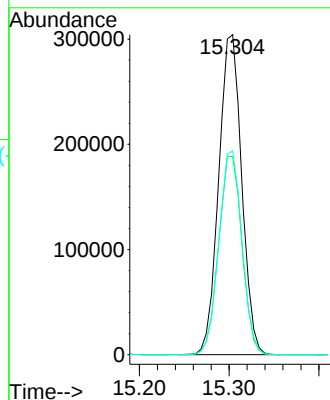
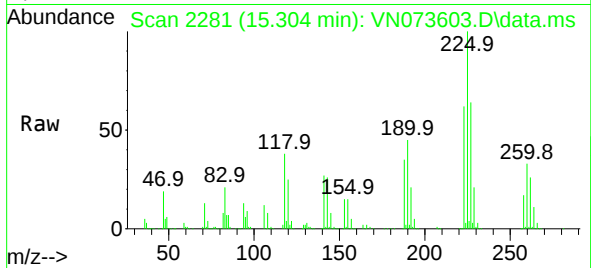




#90
Hexachlorobutadiene
Concen: 214.774 ug/l
RT: 15.304 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

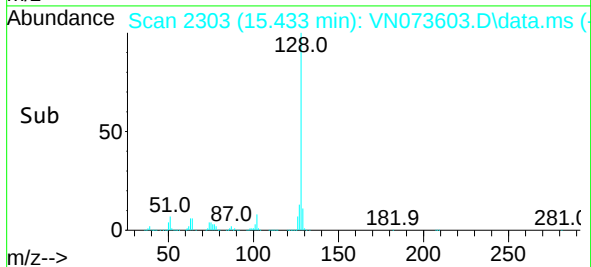
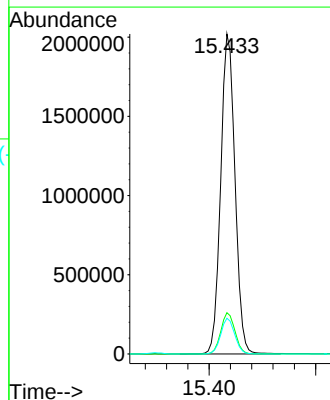
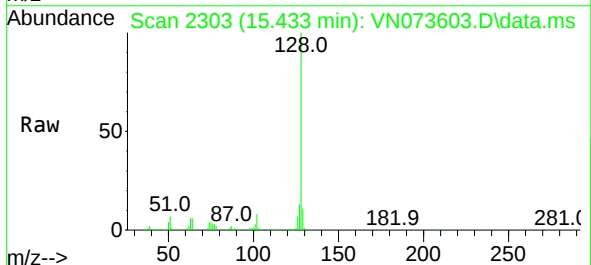
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

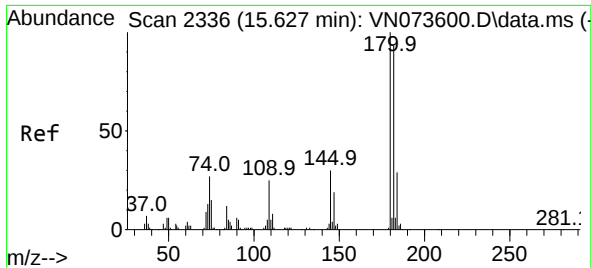
Tgt Ion:225 Resp: 541162
Ion Ratio Lower Upper
225 100
223 62.7 0.0 126.8
227 63.9 0.0 123.0



#91
Naphthalene
Concen: 168.792 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

Tgt Ion:128 Resp: 3754947
Ion Ratio Lower Upper
128 100
127 12.8 10.7 16.1
129 10.9 9.0 13.6





#92
 1,2,3-Trichlorobenzene
 Concen: 188.166 ug/l
 RT: 15.627 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN073603.D
 Acq: 27 Jul 2022 13:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tgt Ion:180 Resp: 1135165

Ion	Ratio	Lower	Upper
180	100		
182	95.0	0.0	190.0
145	29.6	0.0	67.8

