

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020122\
 Data File : VN070878.D
 Acq On : 1 Feb 2022 18:11
 Operator : JC/MD
 Sample : N1342-09
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31527

Quant Time: Feb 02 00:37:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.083	168	1190765	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1836380	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1475142	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.702	152	928082	50.000	ug/l	0.03

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	727694	42.641	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	85.280%
35) Dibromofluoromethane	8.021	113	543915	47.749	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.500%
50) Toluene-d8	10.440	98	2437624	50.797	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.600%
62) 4-Bromofluorobenzene	12.731	95	917078	53.630	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	107.260%

Target Compounds			Qvalue			
8) Diethyl Ether	3.821	74	26920	2.820	ug/l #	3
11) Tert butyl alcohol	5.390	59	8643321	2807.325	ug/l	99
13) Acrolein	4.047	56	8873	2.009	ug/l	96
14) Allyl chloride	4.599	41	1518488	52.905	ug/l #	80
15) Acrylonitrile	5.608	53	11351	1.159	ug/l #	1
16) Acetone	4.283	43	9870290	833.306	ug/l	96
17) Carbon Disulfide	4.521	76	13456	0.376	ug/l #	94
18) Methyl Acetate	4.851	43	2953535	126.792	ug/l	93
19) Methyl tert-butyl Ether	5.616	73	2437304	51.792	ug/l	91
20) Methylene Chloride	5.090	84	24694	1.583	ug/l	91
22) Diisopropyl ether	6.490	45	2698627	47.435	ug/l #	1
23) Vinyl Acetate	6.549	43	1628462	33.768	ug/l #	72
24) 1,1-Dichloroethane	6.487	63	9951	0.350	ug/l #	83
25) 2-Butanone	7.335	43	8350909	560.286	ug/l	95
29) Tetrahydrofuran	7.686	42	169682	18.593	ug/l #	85
30) Chloroform	7.817	83	294	Below Cal	#	56
31) Cyclohexane	8.091	56	149032	4.959	ug/l #	88
36) 1,1-Dichloropropene	8.083	75	91136	4.752	ug/l #	49
37) Ethyl Acetate	7.335	43	8350909	328.011	ug/l #	68
38) Carbon Tetrachloride	8.083	117	115035	6.743	ug/l #	16
39) Methylcyclohexane	9.459	83	103322	4.364	ug/l	92
40) Benzene	8.458	78	18940747	318.760	ug/l	96
41) Methacrylonitrile	7.678	41	184388	14.236	ug/l #	33
42) 1,2-Dichloroethane	8.520	62	43014	2.088	ug/l	76
43) Isopropyl Acetate	8.842	43	2468965	63.491	ug/l #	56
48) Methyl methacrylate	9.547	41	15985351	862.883	ug/l #	34
49) 1,4-Dioxane	9.593	88	3089981	11104.205	ug/l #	27
51) 4-Methyl-2-Pentanone	10.336	43	8518706	343.312	ug/l	99
52) Toluene	10.505	92	15823092	445.176	ug/l #	1
53) t-1,3-Dichloropropene	10.580	75	12044828	494.449	ug/l #	43
54) cis-1,3-Dichloropropene	10.164	75	27991	1.215	ug/l #	1
55) 1,1,2-Trichloroethane	10.870	97	5023	0.360	ug/l #	2
56) Ethyl methacrylate	10.709	69	3824324	139.682	ug/l #	70
57) 1,3-Dichloropropane	11.095	76	136980	5.542	ug/l #	47
58) 2-Chloroethyl Vinyl ether	10.162	63	38404	26.453	ug/l #	87
59) 2-Hexanone	11.095	43	3064657	170.015	ug/l #	58

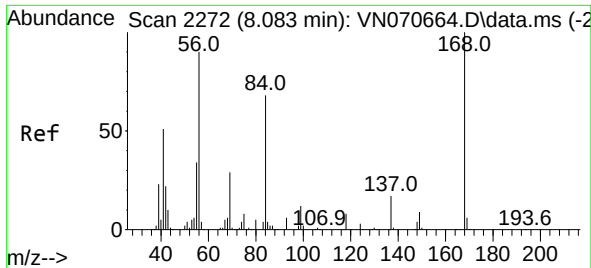
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020122\
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 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
66) 1,1,1,2-Tetrachloroethane	11.899	131	16042	1.458	ug/l	#	8
67) Ethyl Benzene	11.846	91	3467052	58.510	ug/l		96
68) m/p-Xylenes	11.950	106	6530904	302.968	ug/l		95
69) o-Xylene	12.280	106	3162193	147.819	ug/l		92
70) Styrene	12.283	104	162544	4.750	ug/l	#	1
73) Isopropylbenzene	12.581	105	196639	2.240	ug/l		98
74) N-aryl acetate	12.554	43	3516343	97.951	ug/l	#	1
75) 1,1,2,2-Tetrachloroethane	12.865	83	16672735	562.274	ug/l	#	25
76) 1,2,3-Trichloropropane	12.884	75	93888	3.814	ug/l	#	1
78) n-propylbenzene	12.924	91	145400	1.481	ug/l		97
79) 2-Chlorotoluene	12.983	91	492002	7.921	ug/l	#	1
80) 1,3,5-Trimethylbenzene	13.063	105	544862	7.674	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.632	75	79969	9.679	ug/l	#	5
82) 4-Chlorotoluene	13.063	91	53792	0.927	ug/l	#	38
83) tert-Butylbenzene	13.321	119	31094	0.503	ug/l	#	41
84) 1,2,4-Trimethylbenzene	13.222	105	243954	3.574	ug/l		76
85) sec-Butylbenzene	13.616	105	364213	4.335	ug/l	#	56
86) p-Isopropyltoluene	13.645	119	60918	0.923	ug/l	#	78
89) n-Butylbenzene	13.908	91	485250	8.911	ug/l	#	59
90) Hexachloroethane	14.217	117	88861	7.701	ug/l	#	6
92) 1,2-Dibromo-3-Chloropr...	14.627	75	23336	4.639	ug/l	#	4
93) 1,2,4-Trichlorobenzene	15.263	180	3271	3.603	ug/l	#	1
95) Naphthalene	15.501	128	4853548	95.820	ug/l		97
96) 1,2,3-Trichlorobenzene	15.694	180	3870	3.437	ug/l	#	1

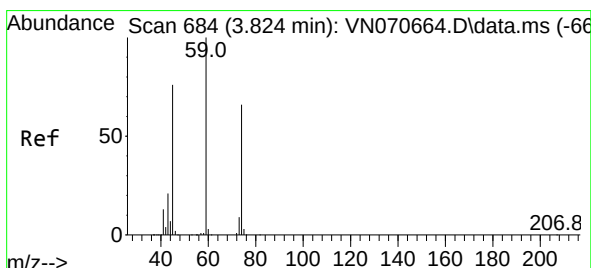
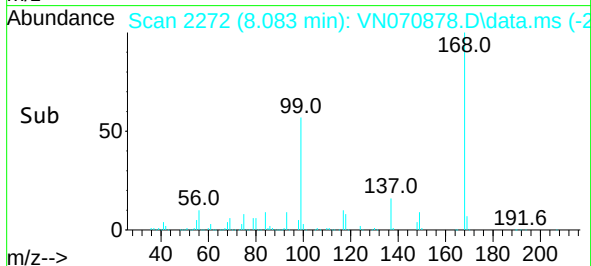
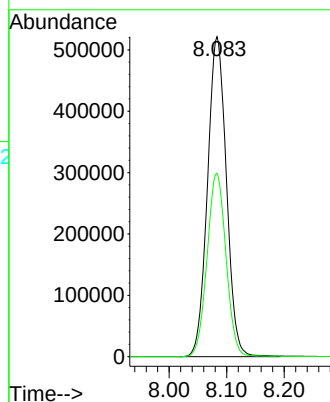
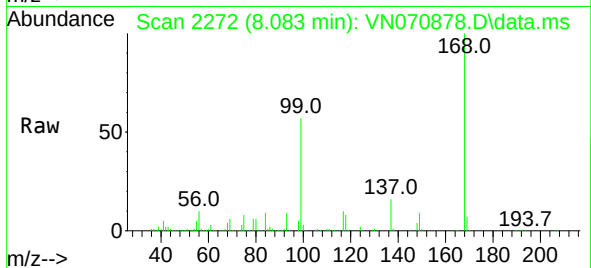
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070878.D
Acq: 1 Feb 2022 18:11

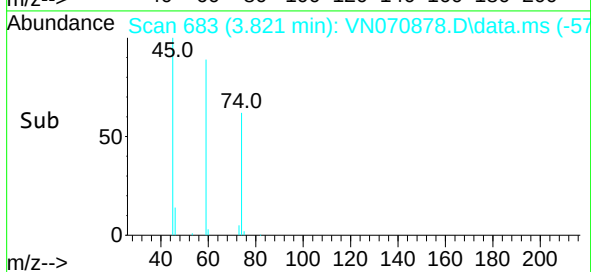
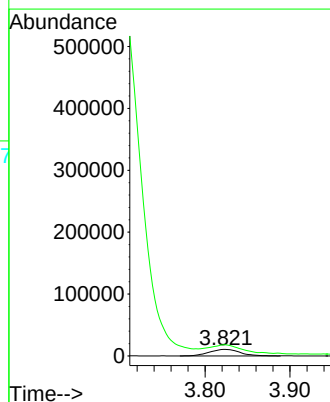
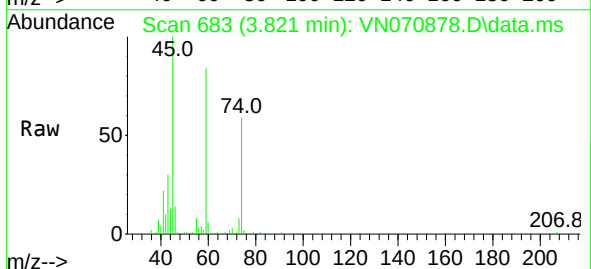
Instrument :
MSVOA_N
ClientSampleId :
31527

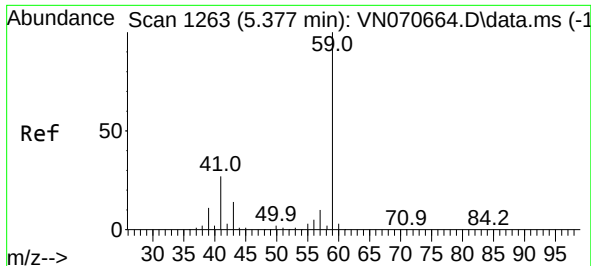
Tgt Ion:168 Resp: 1190765
Ion Ratio Lower Upper
168 100
99 57.3 41.3 61.9



#8
Diethyl Ether
Concen: 2.820 ug/l
RT: 3.821 min Scan# 683
Delta R.T. -0.003 min
Lab File: VN070878.D
Acq: 1 Feb 2022 18:11

Tgt Ion: 74 Resp: 26920
Ion Ratio Lower Upper
74 100
45 0.0 47.0 141.2#

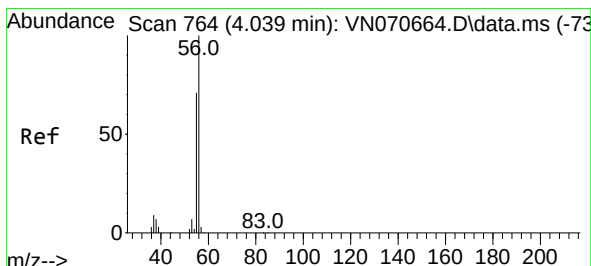
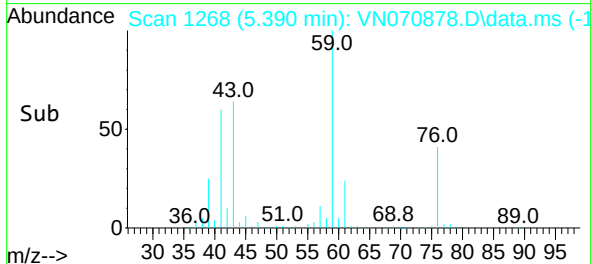
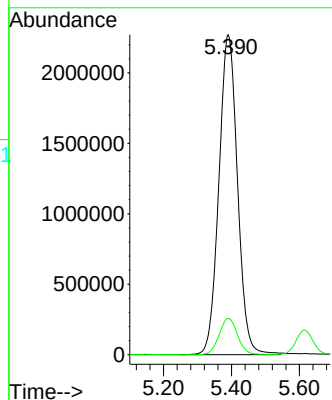
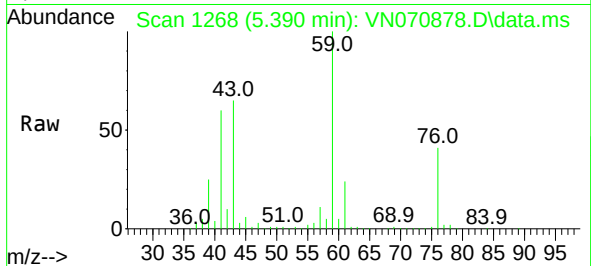




#11
Tert butyl alcohol
Concen: 2807.325 ug/l
RT: 5.390 min Scan# 11
Delta R.T. 0.013 min
Lab File: VN070878.D
Acq: 1 Feb 2022 18:11

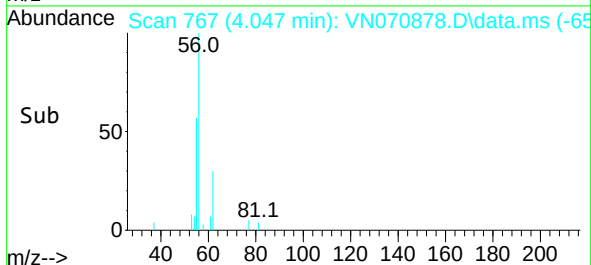
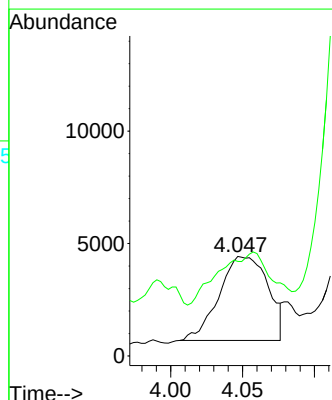
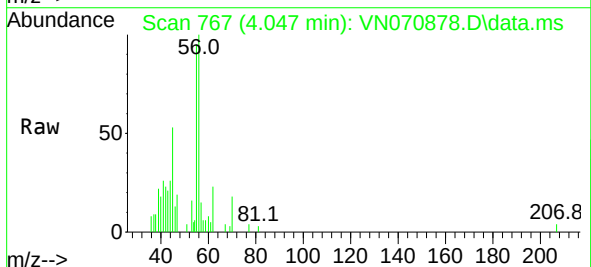
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MSVOA_N
ClientSampleId :
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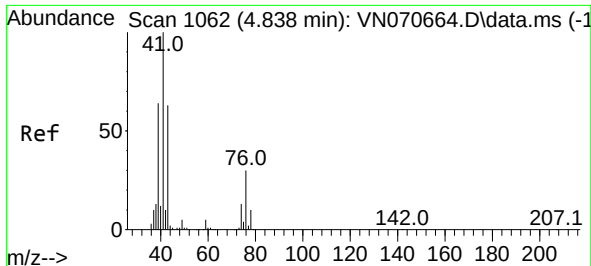
Tgt Ion: 59 Resp: 8643321
Ion Ratio Lower Upper
59 100
57 11.2 8.7 13.1



#13
Acrolein
Concen: 2.009 ug/l
RT: 4.047 min Scan# 767
Delta R.T. 0.008 min
Lab File: VN070878.D
Acq: 1 Feb 2022 18:11

Tgt Ion: 56 Resp: 8873
Ion Ratio Lower Upper
56 100
55 67.5 56.6 85.0





#14

Allyl chloride

Concen: 52.905 ug/l

RT: 4.599 min Scan# 91

Delta R.T. -0.239 min

Lab File: VN070878.D

Acq: 1 Feb 2022 18:11

Instrument :

MSVOA_N

ClientSampleId :

31527

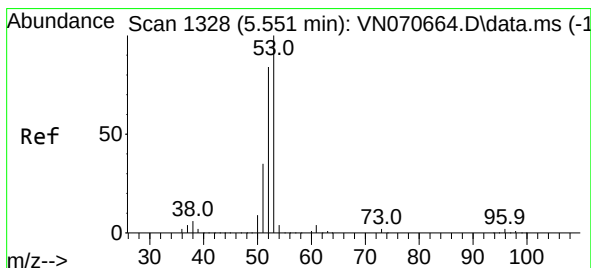
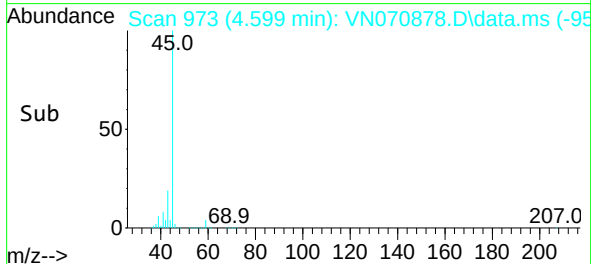
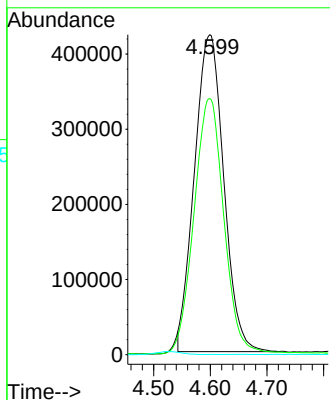
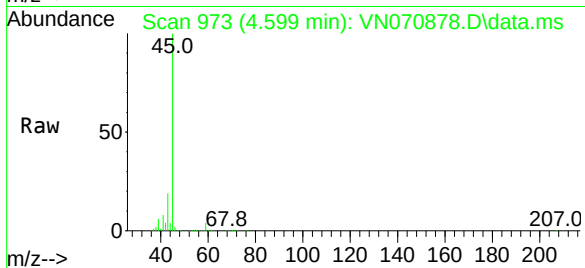
Tgt Ion: 41 Resp: 1518488

Ion Ratio Lower Upper

41 100

39 80.0 61.2 91.8

76 0.0 26.0 39.0#



#15

Acrylonitrile

Concen: 1.159 ug/l

RT: 5.608 min Scan# 1349

Delta R.T. 0.057 min

Lab File: VN070878.D

Acq: 1 Feb 2022 18:11

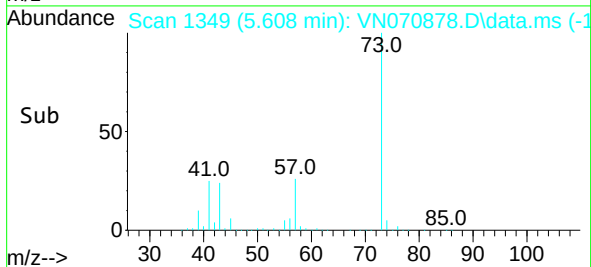
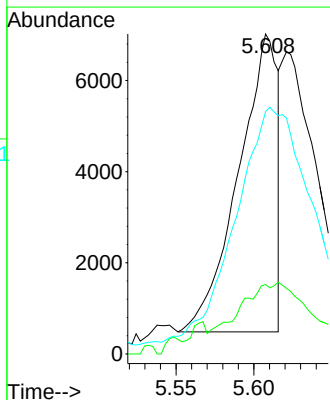
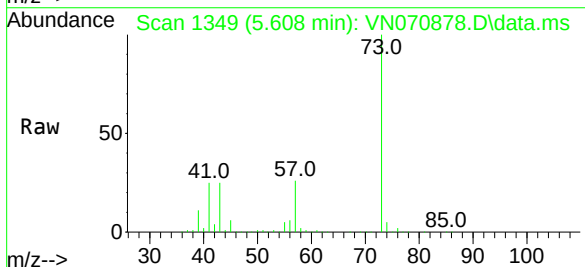
Tgt Ion: 53 Resp: 11351

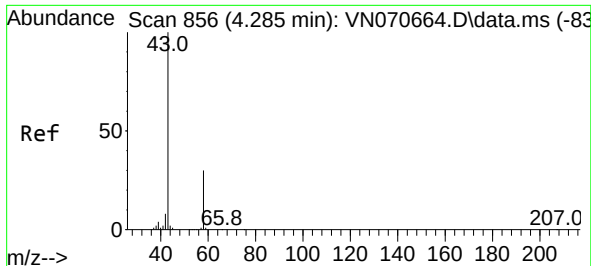
Ion Ratio Lower Upper

53 100

52 10.3 66.2 99.2#

51 160.8 29.6 44.4#

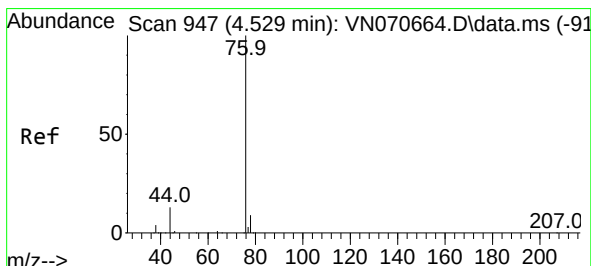
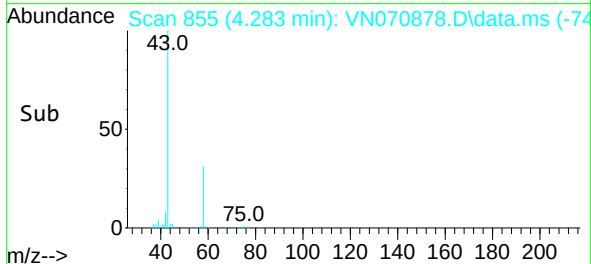
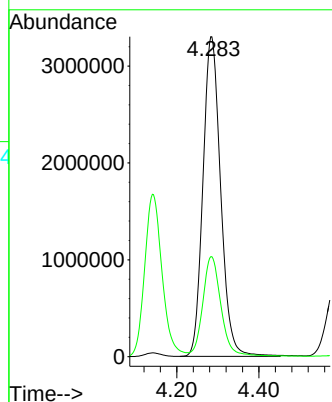
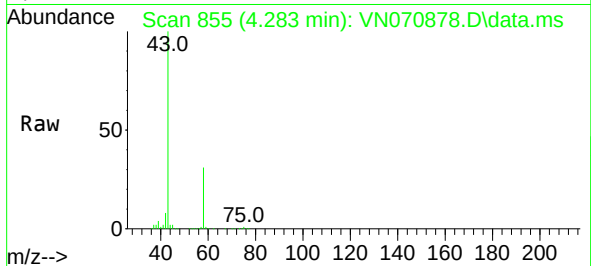




#16
Acetone
Concen: 833.306 ug/l
RT: 4.283 min Scan# 81
Delta R.T. -0.002 min
Lab File: VN070878.D
Acq: 1 Feb 2022 18:11

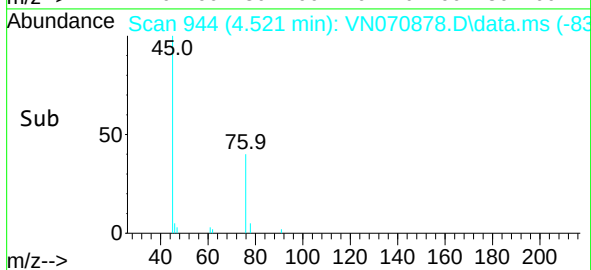
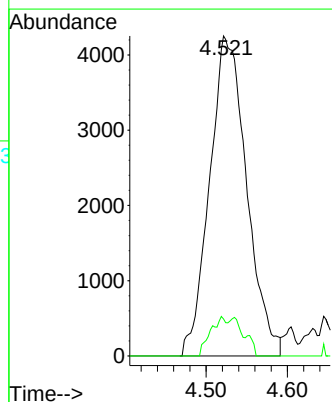
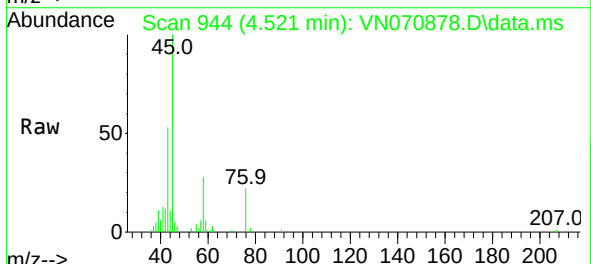
Instrument :
MSVOA_N
ClientSampleId :
31527

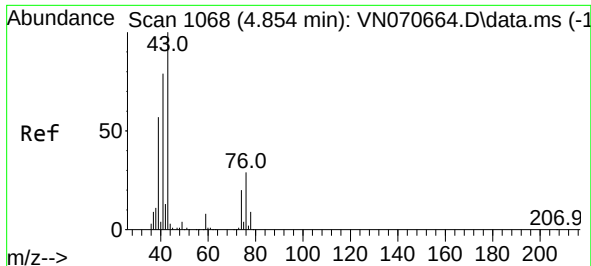
Tgt Ion: 43 Resp: 9870290
Ion Ratio Lower Upper
43 100
58 31.0 23.1 34.7



#17
Carbon Disulfide
Concen: 0.376 ug/l
RT: 4.521 min Scan# 944
Delta R.T. -0.008 min
Lab File: VN070878.D
Acq: 1 Feb 2022 18:11

Tgt Ion: 76 Resp: 13456
Ion Ratio Lower Upper
76 100
78 11.5 7.5 11.3#





#18

Methyl Acetate

Concen: 126.792 ug/l

RT: 4.851 min Scan# 1067

Delta R.T. -0.003 min

Lab File: VN070878.D

Acq: 1 Feb 2022 18:11

Instrument :

MSVOA_N

ClientSampleId :

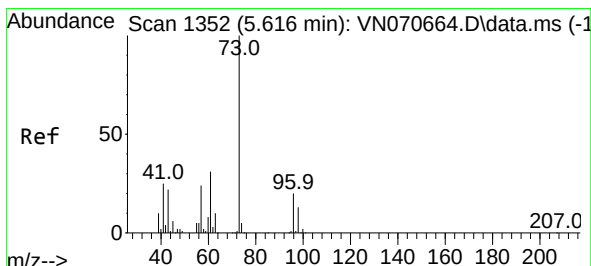
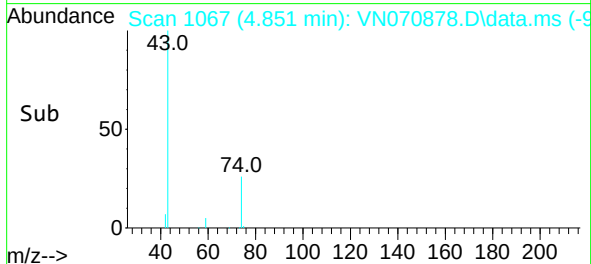
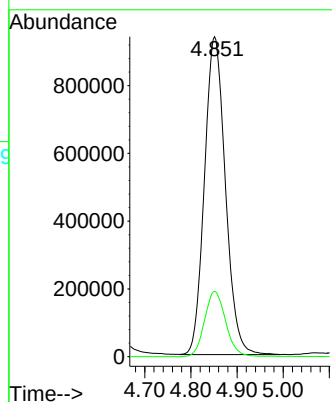
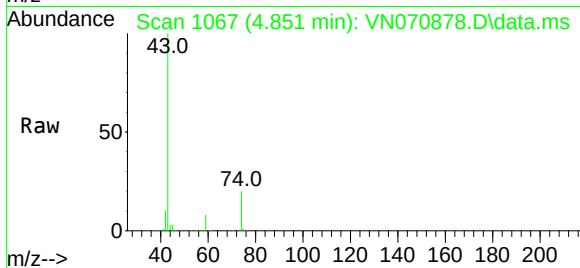
31527

Tgt Ion: 43 Resp: 2953535

Ion Ratio Lower Upper

43 100

74 20.8 19.4 29.2



#19

Methyl tert-butyl Ether

Concen: 51.792 ug/l

RT: 5.616 min Scan# 1352

Delta R.T. -0.000 min

Lab File: VN070878.D

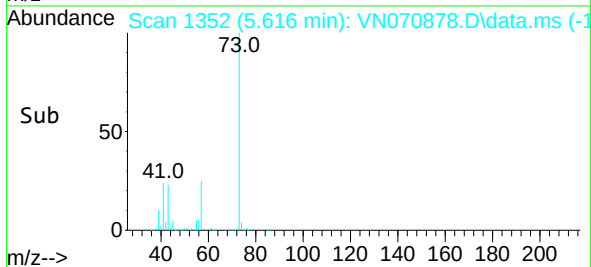
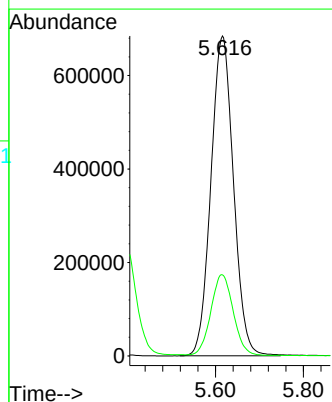
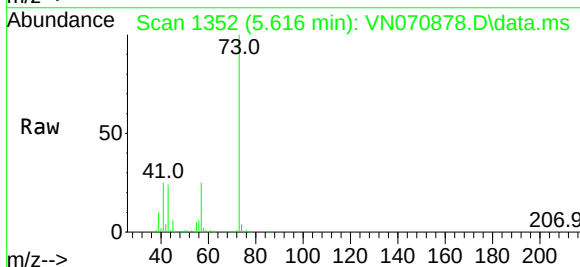
Acq: 1 Feb 2022 18:11

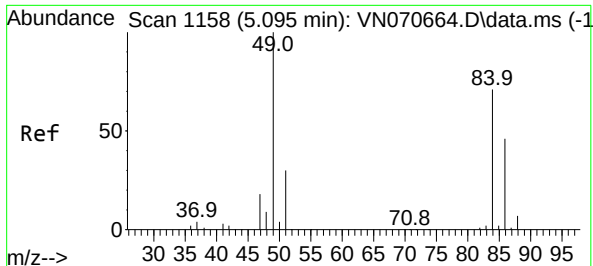
Tgt Ion: 73 Resp: 2437304

Ion Ratio Lower Upper

73 100

57 25.1 16.8 25.2





#20

Methylene Chloride

Concen: 1.583 ug/l

RT: 5.090 min Scan# 1158

Delta R.T. -0.005 min

Lab File: VN070878.D

Acq: 1 Feb 2022 18:11

Instrument :

MSVOA_N

ClientSampleId :

31527

Tgt Ion: 84 Resp: 24694

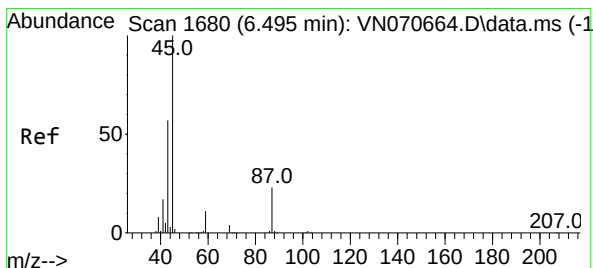
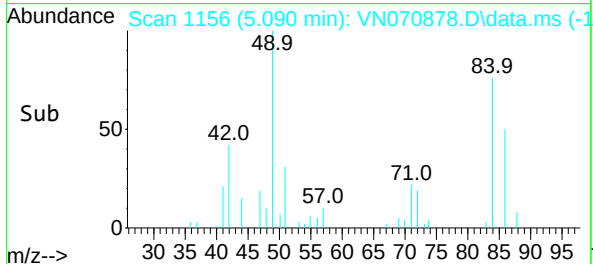
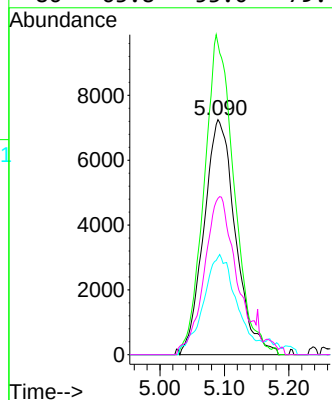
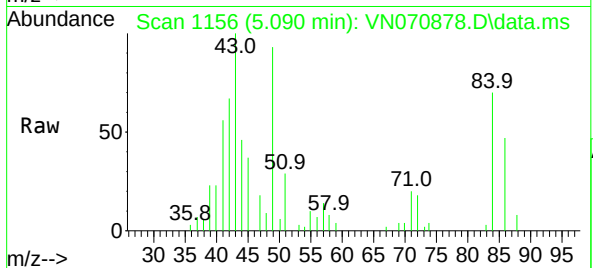
Ion Ratio Lower Upper

84 100

49 132.3 93.5 140.3

51 38.6 29.4 44.2

86 63.8 53.0 79.4



#22

Diisopropyl ether

Concen: 47.435 ug/l

RT: 6.490 min Scan# 1678

Delta R.T. -0.005 min

Lab File: VN070878.D

Acq: 1 Feb 2022 18:11

Tgt Ion: 45 Resp: 2698627

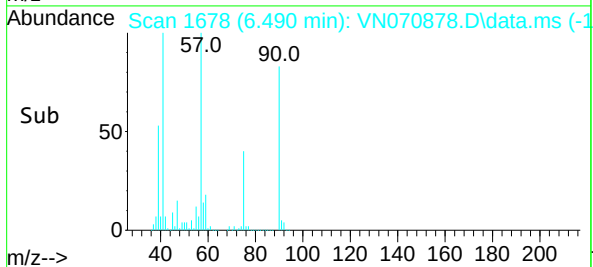
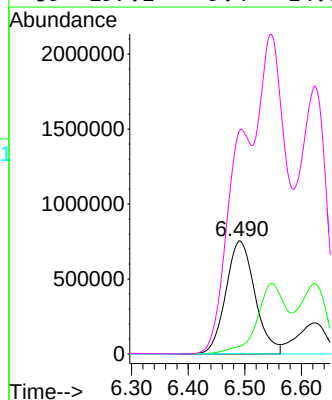
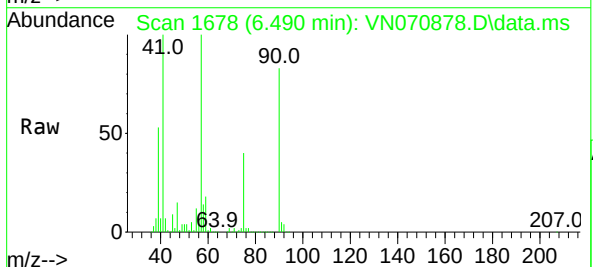
Ion Ratio Lower Upper

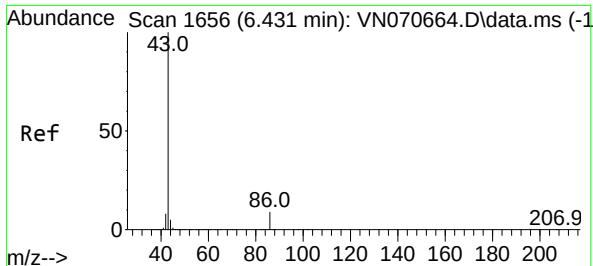
45 100

43 6.2 51.7 77.5#

87 0.5 23.2 34.8#

59 197.1 9.4 14.0#

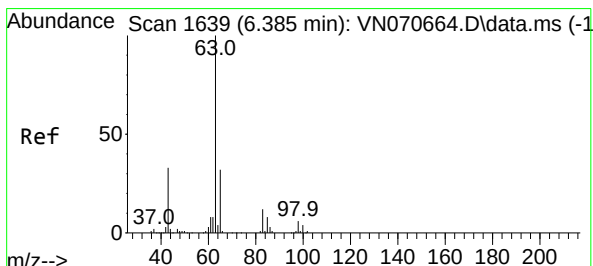
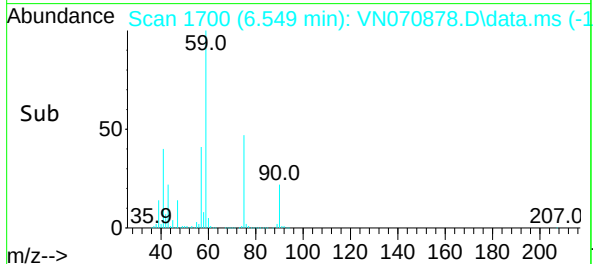
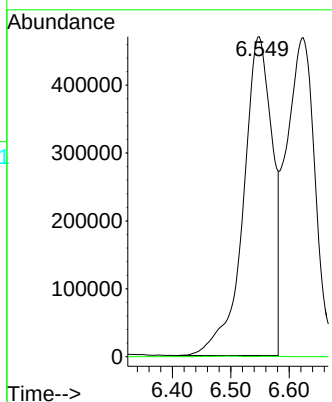
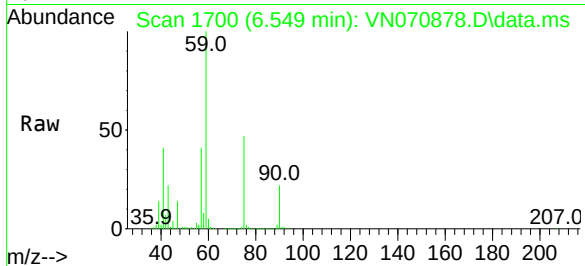




#23
 Vinyl Acetate
 Concen: 33.768 ug/l
 RT: 6.549 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VN070878.D
 Acq: 1 Feb 2022 18:11

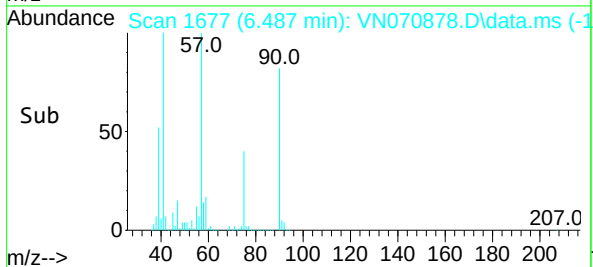
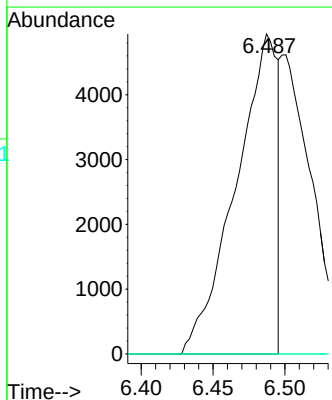
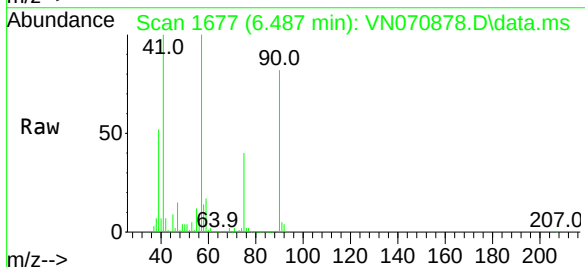
Instrument :
 MSVOA_N
 ClientSampleId :
 31527

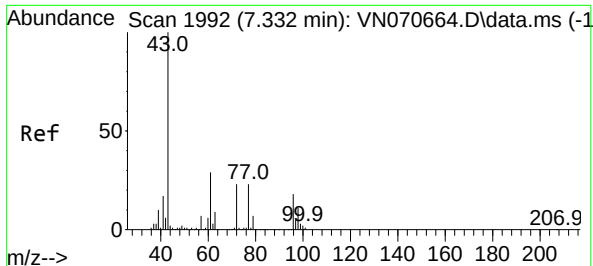
Tgt Ion: 43 Resp: 1628462
 Ion Ratio Lower Upper
 43 100
 86 0.1 8.5 12.7#



#24
 1,1-Dichloroethane
 Concen: 0.350 ug/l
 RT: 6.487 min Scan# 1677
 Delta R.T. 0.102 min
 Lab File: VN070878.D
 Acq: 1 Feb 2022 18:11

Tgt Ion: 63 Resp: 9951
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.3 9.9#
 100 0.0 2.1 6.5#

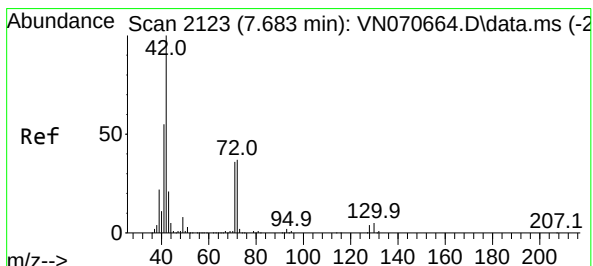
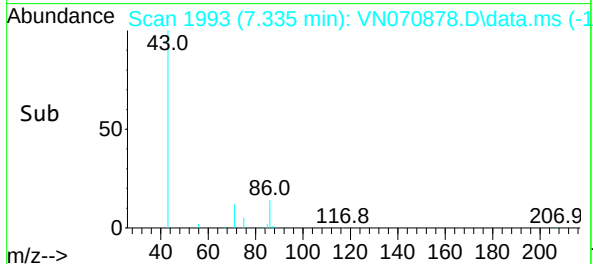
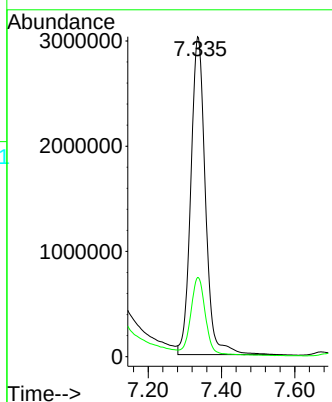
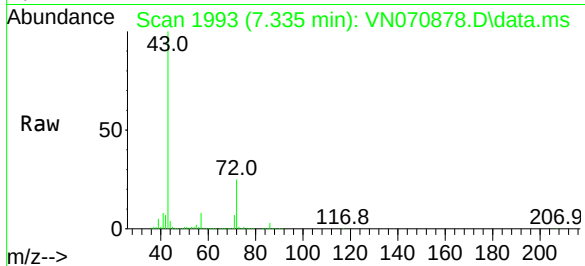




#25
2-Butanone
Concen: 560.286 ug/l
RT: 7.335 min Scan# 1992
Delta R.T. 0.003 min
Lab File: VN070878.D
Acq: 1 Feb 2022 18:11

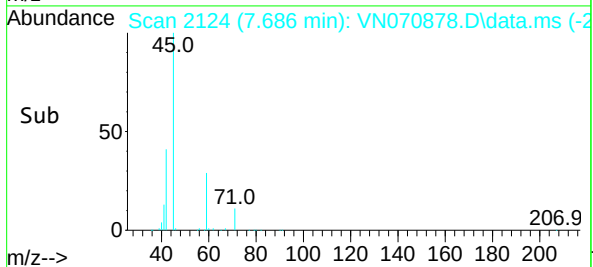
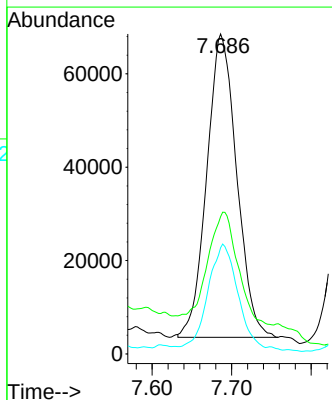
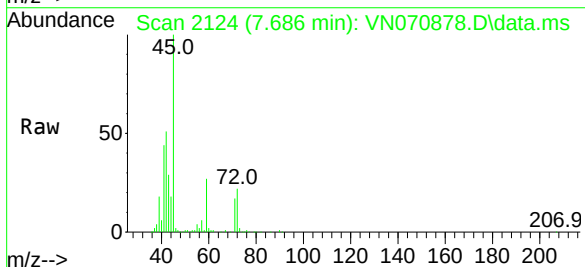
Instrument :
MSVOA_N
ClientSampleId :
31527

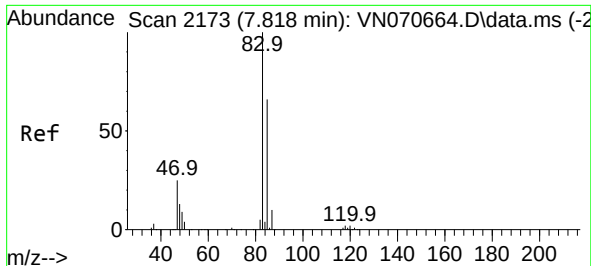
Tgt Ion: 43 Resp: 8350909
Ion Ratio Lower Upper
43 100
72 24.5 21.7 32.5



#29
Tetrahydrofuran
Concen: 18.593 ug/l
RT: 7.686 min Scan# 2124
Delta R.T. 0.003 min
Lab File: VN070878.D
Acq: 1 Feb 2022 18:11

Tgt Ion: 42 Resp: 169682
Ion Ratio Lower Upper
42 100
72 36.2 36.3 54.5#
71 32.9 34.7 52.1#





#30

Chloroform

Concen: Below Cal

RT: 7.817 min Scan# 21

Delta R.T. -0.001 min

Lab File: VN070878.D

Acq: 1 Feb 2022 18:11

Instrument :

MSVOA_N

ClientSampleId :

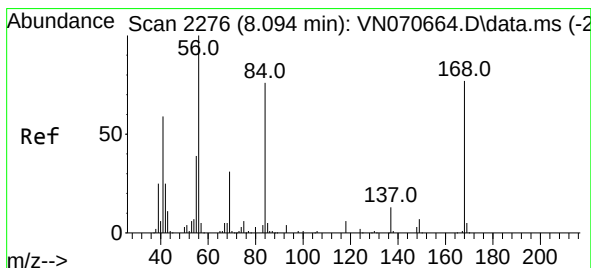
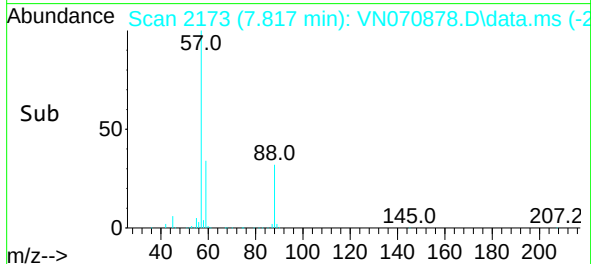
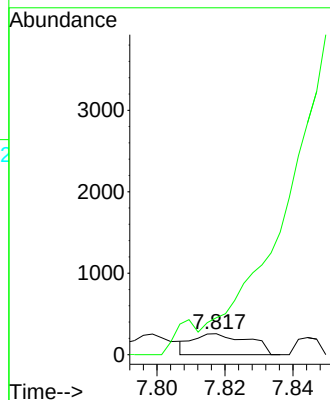
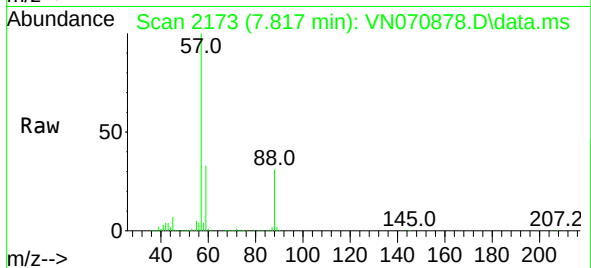
31527

Tgt Ion: 83 Resp: 294

Ion Ratio Lower Upper

83 100

85 30.4 51.9 77.9#



#31

Cyclohexane

Concen: 4.959 ug/l

RT: 8.091 min Scan# 2275

Delta R.T. -0.003 min

Lab File: VN070878.D

Acq: 1 Feb 2022 18:11

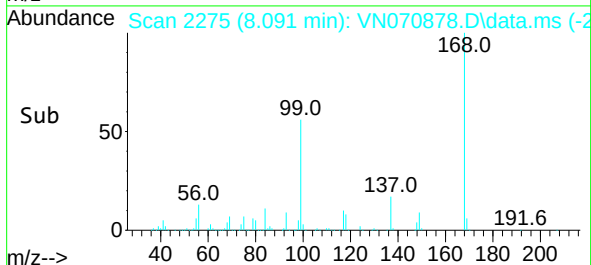
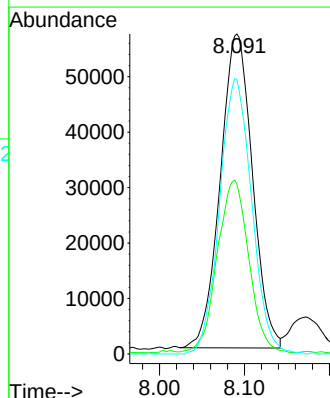
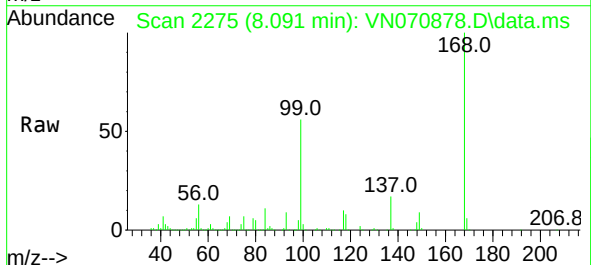
Tgt Ion: 56 Resp: 149032

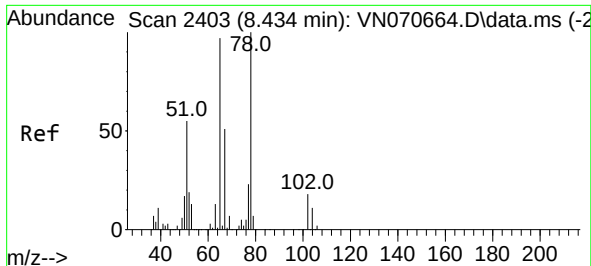
Ion Ratio Lower Upper

56 100

69 53.6 27.1 40.7#

84 87.6 73.4 110.0





#33

1,2-Dichloroethane-d4

Concen: 42.641 ug/l

RT: 8.437 min Scan# 2403

Delta R.T. 0.003 min

Lab File: VN070878.D

Acq: 1 Feb 2022 18:11

Instrument :

MSVOA_N

ClientSampleId :

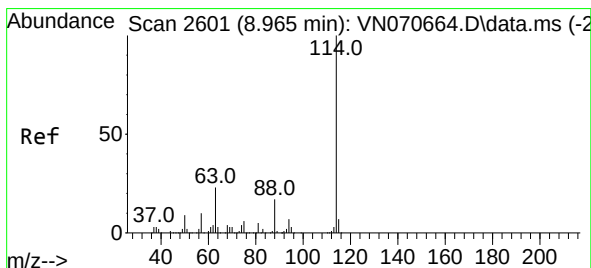
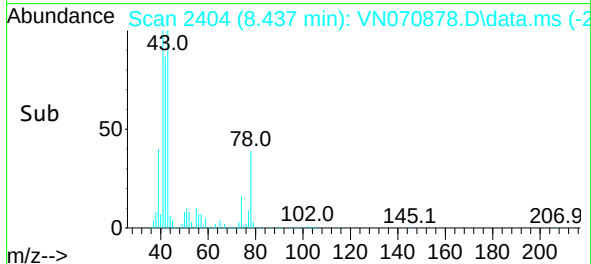
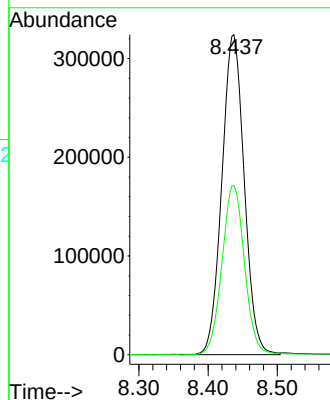
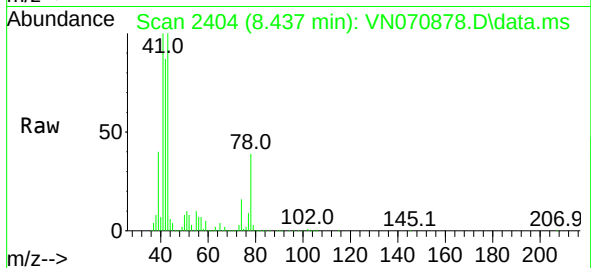
31527

Tgt Ion: 65 Resp: 727694

Ion Ratio Lower Upper

65 100

67 52.8 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2601

Delta R.T. 0.000 min

Lab File: VN070878.D

Acq: 1 Feb 2022 18:11

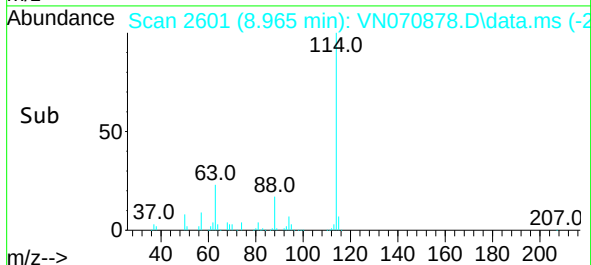
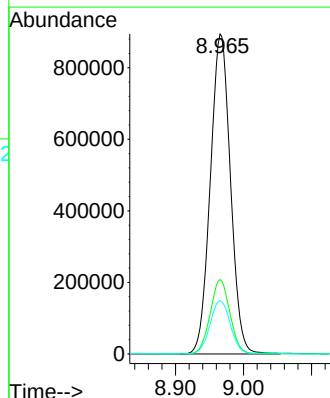
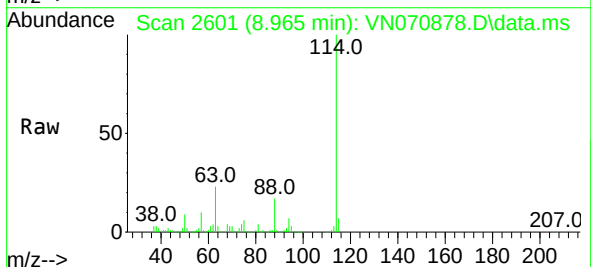
Tgt Ion: 114 Resp: 1836380

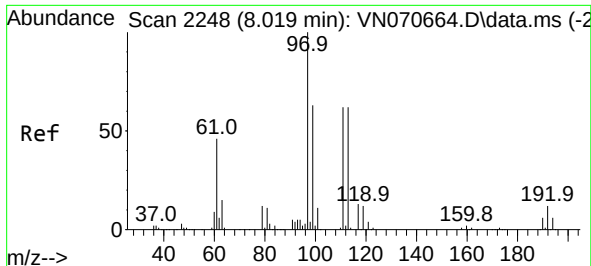
Ion Ratio Lower Upper

114 100

63 23.2 0.0 37.8

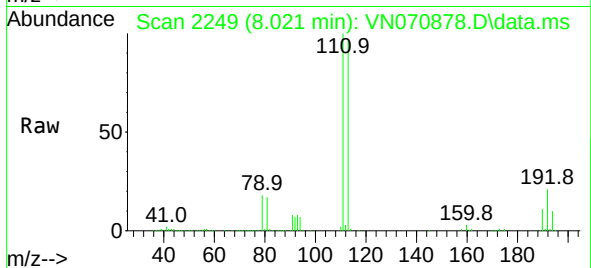
88 16.6 0.0 27.4



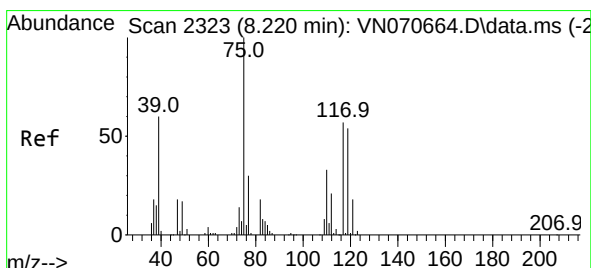
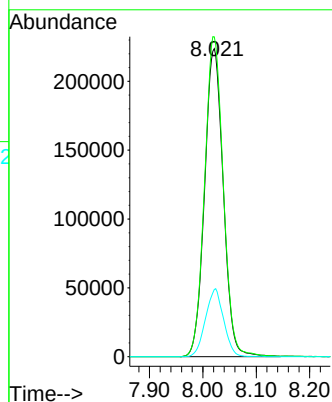
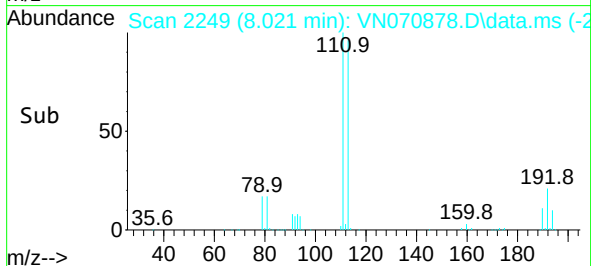


#35
Dibromofluoromethane
Concen: 47.749 ug/l
RT: 8.021 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN070878.D
Acq: 1 Feb 2022 18:11

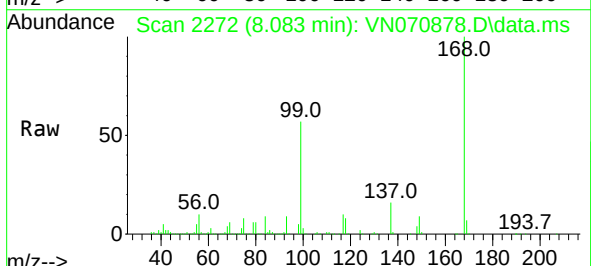
Instrument :
MSVOA_N
ClientSampleId :
31527



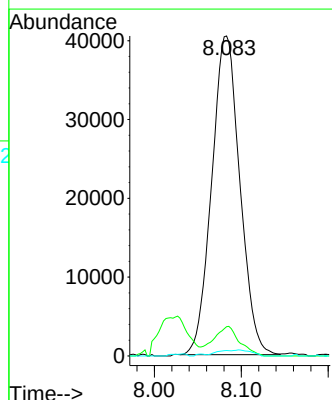
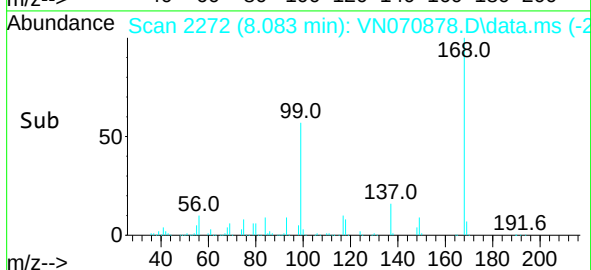
Tgt Ion:113 Resp: 543915
Ion Ratio Lower Upper
113 100
111 103.7 82.2 123.2
192 21.4 16.9 25.3

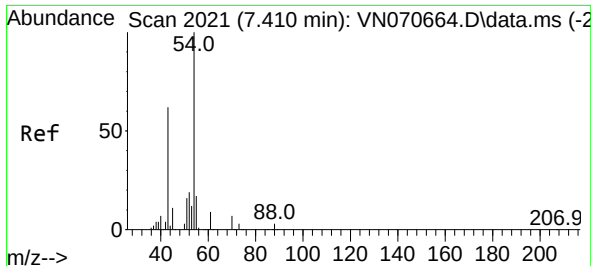


#36
1,1-Dichloropropene
Concen: 4.752 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.137 min
Lab File: VN070878.D
Acq: 1 Feb 2022 18:11



Tgt Ion: 75 Resp: 91136
Ion Ratio Lower Upper
75 100
110 8.6 18.4 55.2#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 328.011 ug/l

RT: 7.335 min Scan# 11

Delta R.T. -0.075 min

Lab File: VN070878.D

Acq: 1 Feb 2022 18:11

Instrument :

MSVOA_N

ClientSampleId :

31527

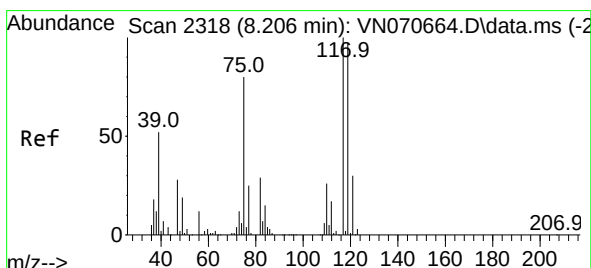
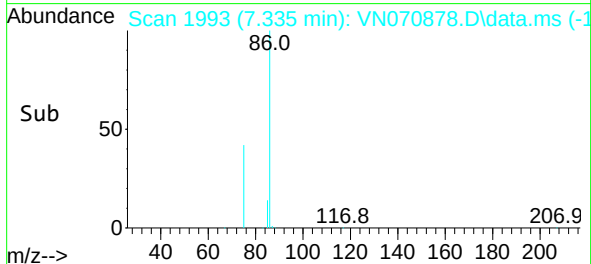
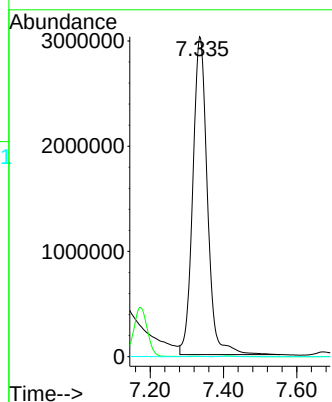
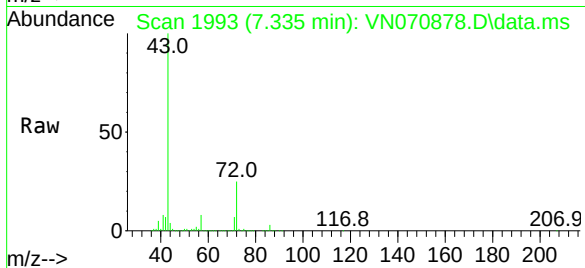
Tgt Ion: 43 Resp: 8350909

Ion Ratio Lower Upper

43 100

61 0.0 11.5 17.3#

70 0.0 7.9 11.9#



#38

Carbon Tetrachloride

Concen: 6.743 ug/l

RT: 8.083 min Scan# 2272

Delta R.T. -0.123 min

Lab File: VN070878.D

Acq: 1 Feb 2022 18:11

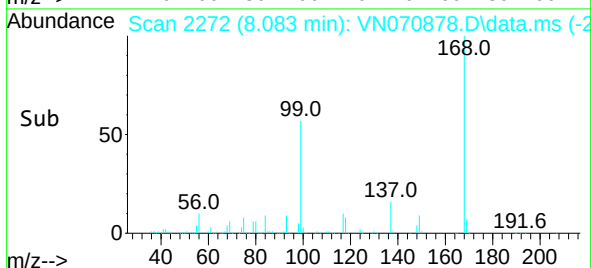
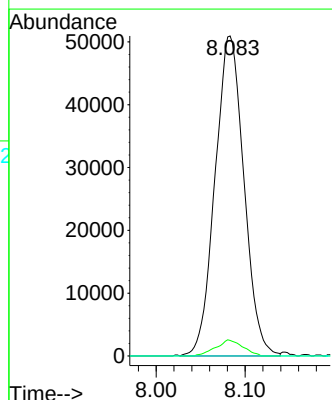
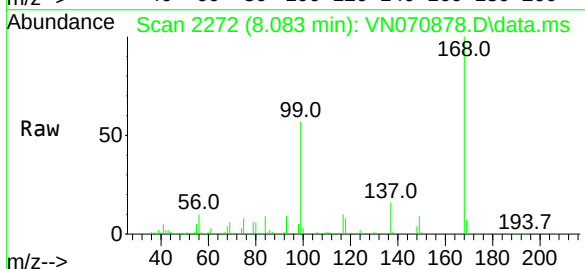
Tgt Ion: 117 Resp: 115035

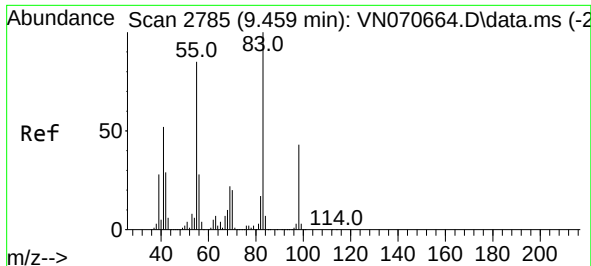
Ion Ratio Lower Upper

117 100

119 4.9 76.1 114.1#

121 0.0 24.2 36.2#

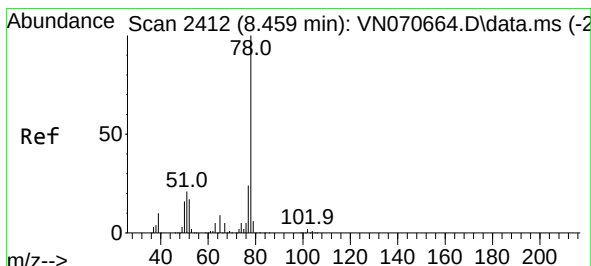
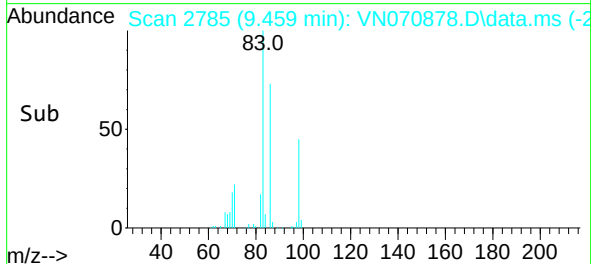
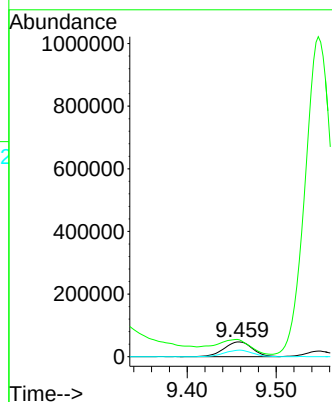
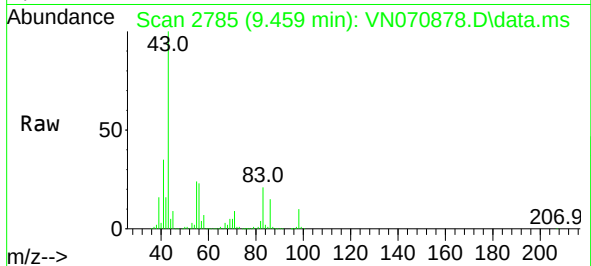




#39
Methylcyclohexane
Concen: 4.364 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070878.D
Acq: 1 Feb 2022 18:11

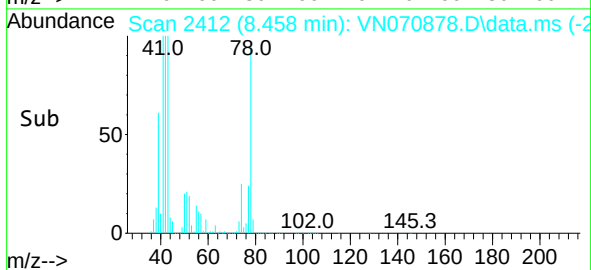
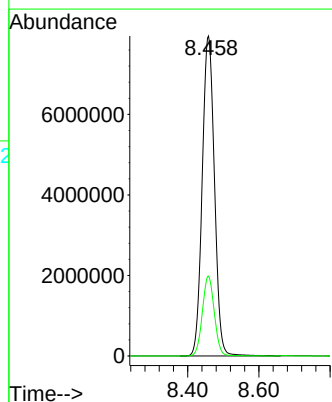
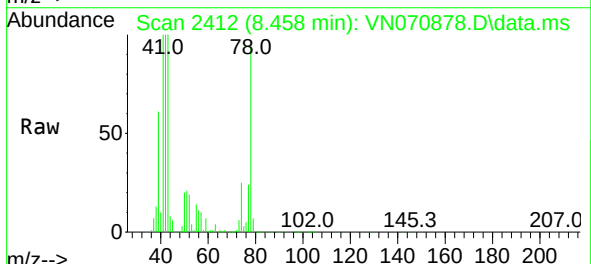
Instrument :
MSVOA_N
ClientSampleId :
31527

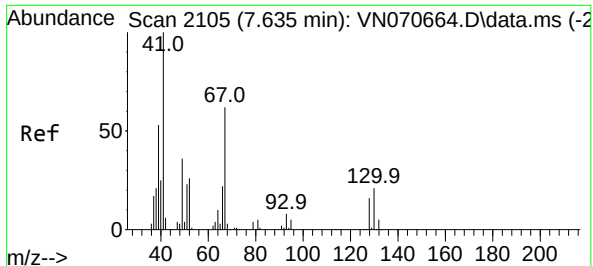
Tgt Ion: 83 Resp: 103322
Ion Ratio Lower Upper
83 100
55 81.5 58.1 87.1
98 45.0 38.4 57.6



#40
Benzene
Concen: 318.760 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. -0.001 min
Lab File: VN070878.D
Acq: 1 Feb 2022 18:11

Tgt Ion: 78 Resp:18940747
Ion Ratio Lower Upper
78 100
77 25.0 18.6 27.8

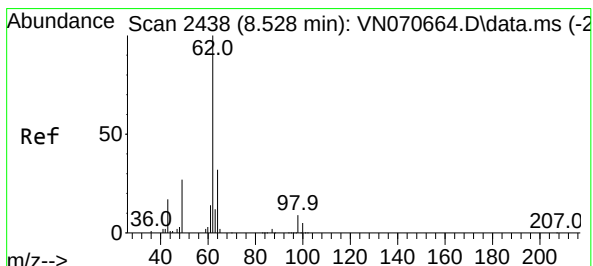
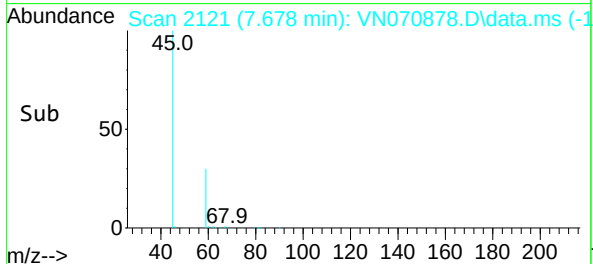
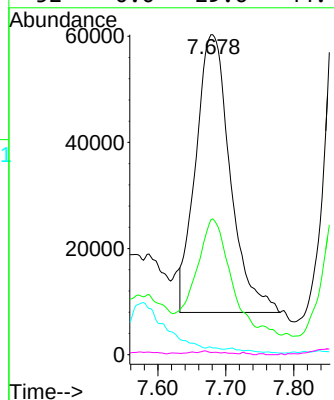
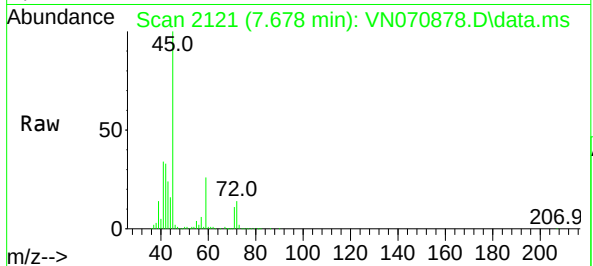




#41
Methacrylonitrile
Concen: 14.236 ug/l
RT: 7.678 min Scan# 2105
Delta R.T. 0.043 min
Lab File: VN070878.D
Acq: 1 Feb 2022 18:11

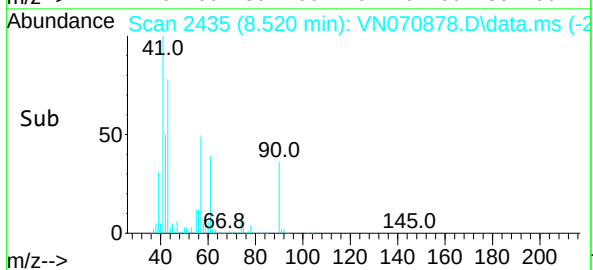
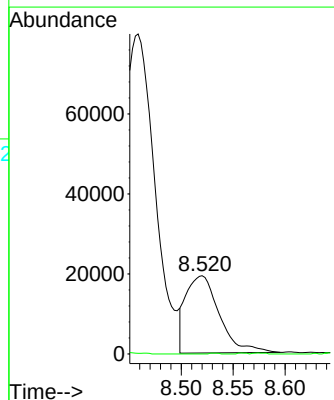
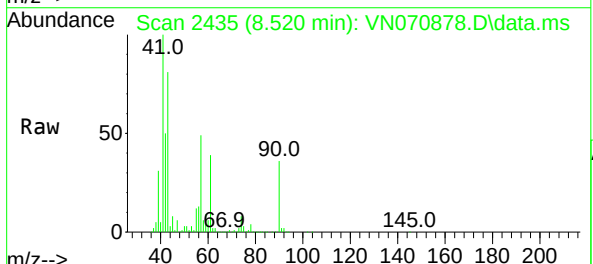
Instrument :
MSVOA_N
ClientSampleId :
31527

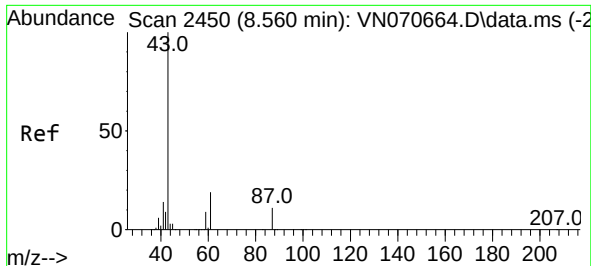
Tgt Ion: 41 Resp: 184388
Ion Ratio Lower Upper
41 100
39 34.9 48.1 72.1#
67 0.0 68.3 102.5#
52 0.0 29.6 44.4#



#42
1,2-Dichloroethane
Concen: 2.088 ug/l
RT: 8.520 min Scan# 2435
Delta R.T. -0.008 min
Lab File: VN070878.D
Acq: 1 Feb 2022 18:11

Tgt Ion: 62 Resp: 43014
Ion Ratio Lower Upper
62 100
98 0.3 0.0 17.6

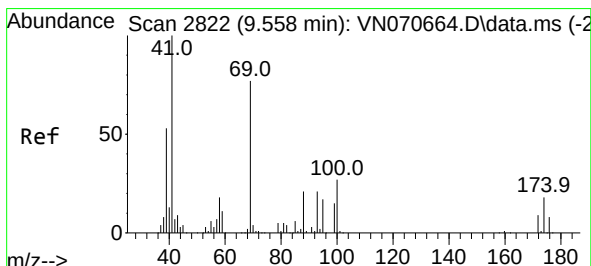
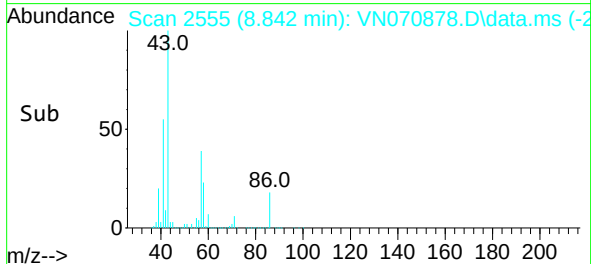
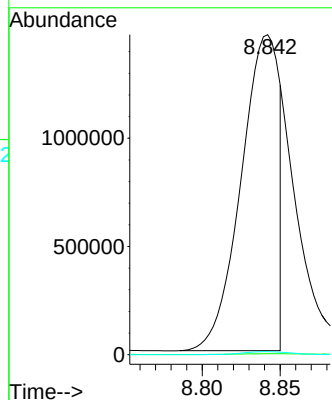
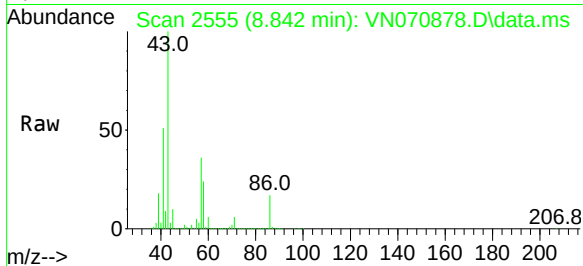




#43
Isopropyl Acetate
Concen: 63.491 ug/l
RT: 8.842 min Scan# 21
Delta R.T. 0.282 min
Lab File: VN070878.D
Acq: 1 Feb 2022 18:11

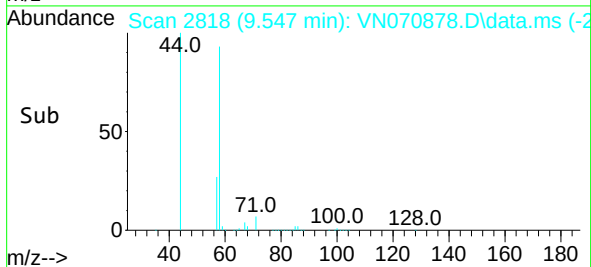
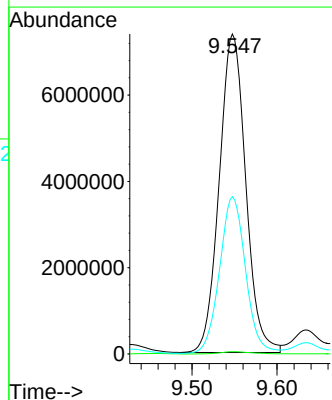
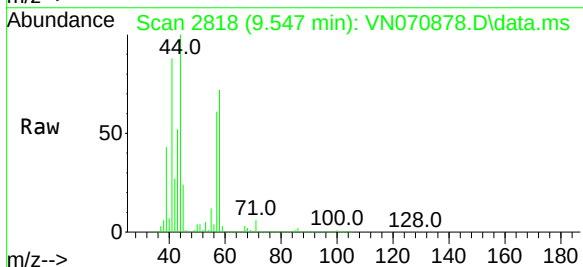
Instrument :
MSVOA_N
ClientSampleId :
31527

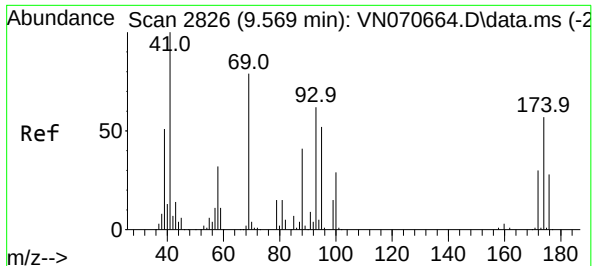
Tgt Ion: 43 Resp: 2468965
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.9 11.2 16.8#



#48
Methyl methacrylate
Concen: 862.883 ug/l
RT: 9.547 min Scan# 2818
Delta R.T. -0.011 min
Lab File: VN070878.D
Acq: 1 Feb 2022 18:11

Tgt Ion: 41 Resp: 15985351
Ion Ratio Lower Upper
41 100
69 0.8 72.4 108.6#
39 48.2 58.4 87.6#





#49

1,4-Dioxane

Concen: 11104.205 ug/l

RT: 9.593 min Scan# 21

Delta R.T. 0.024 min

Lab File: VN070878.D

Acq: 1 Feb 2022 18:11

Instrument :

MSVOA_N

ClientSampleId :

31527

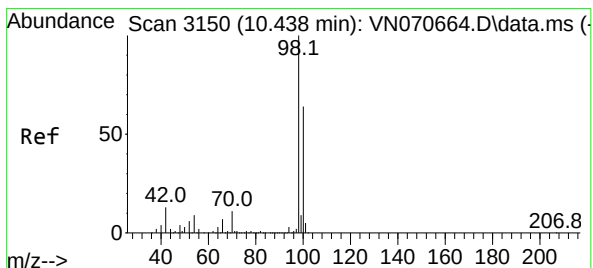
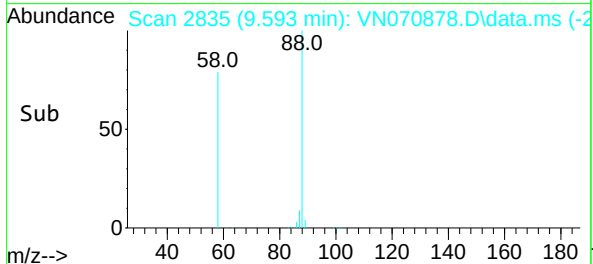
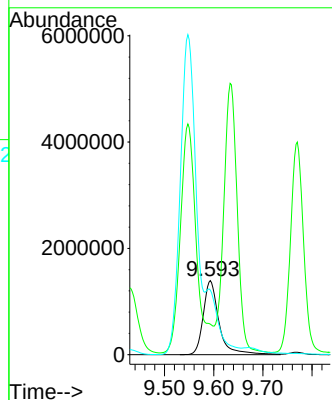
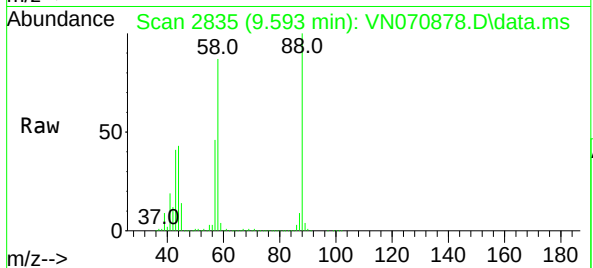
Tgt Ion: 88 Resp: 3089981

Ion Ratio Lower Upper

88 100

43 0.0 23.4 35.2#

58 0.0 50.6 75.8#



#50

Toluene-d8

Concen: 50.797 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. 0.002 min

Lab File: VN070878.D

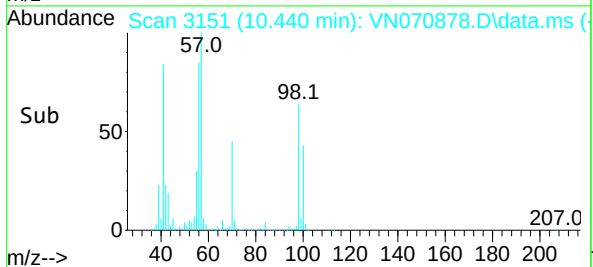
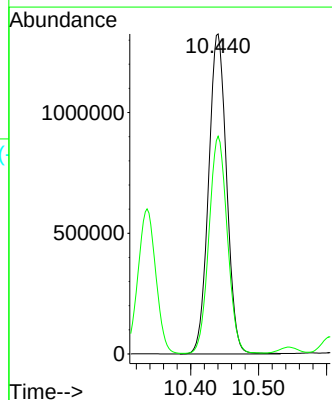
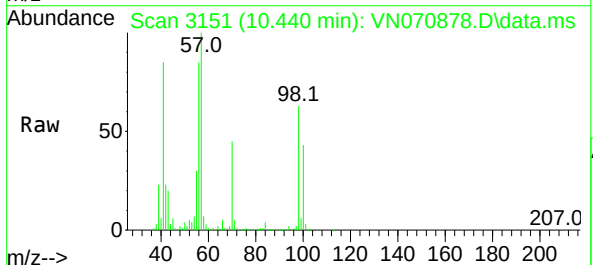
Acq: 1 Feb 2022 18:11

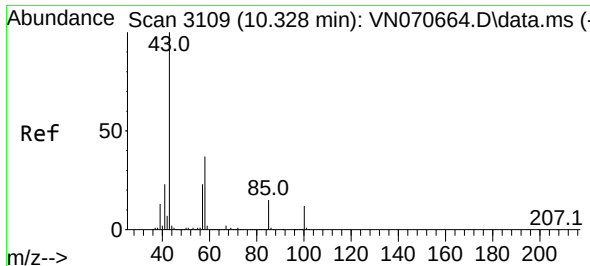
Tgt Ion: 98 Resp: 2437624

Ion Ratio Lower Upper

98 100

100 69.7 50.4 75.6

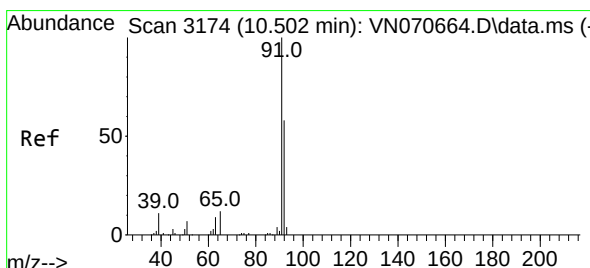
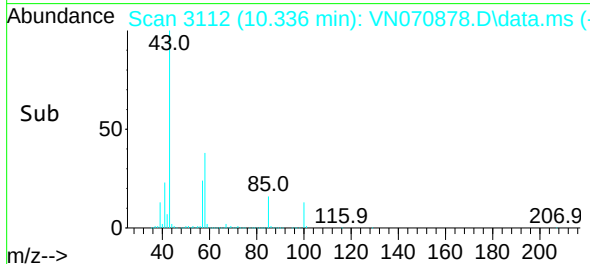
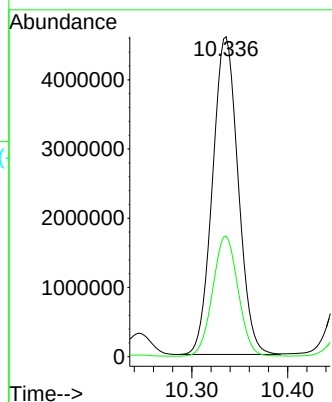
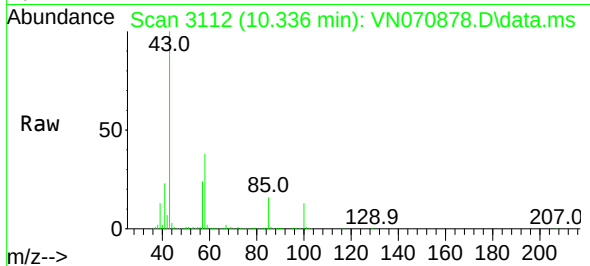




#51
4-Methyl-2-Pentanone
Concen: 343.312 ug/l
RT: 10.336 min Scan# 3112
Delta R.T. 0.008 min
Lab File: VN070878.D
Acq: 1 Feb 2022 18:11

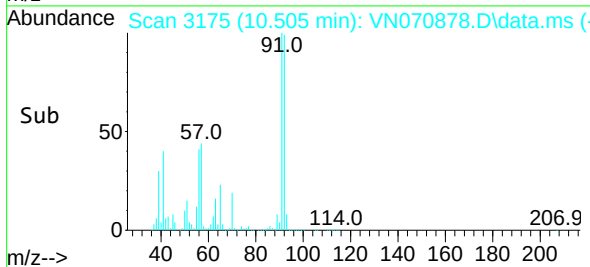
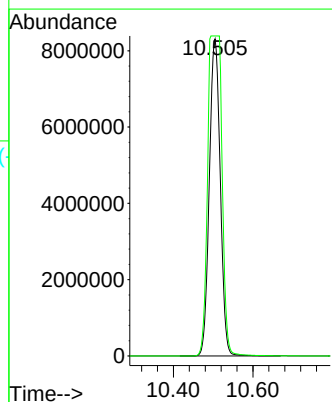
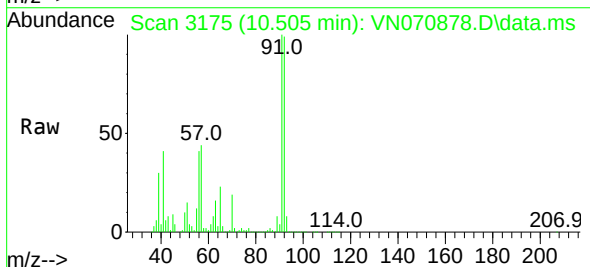
Instrument :
MSVOA_N
ClientSampleId :
31527

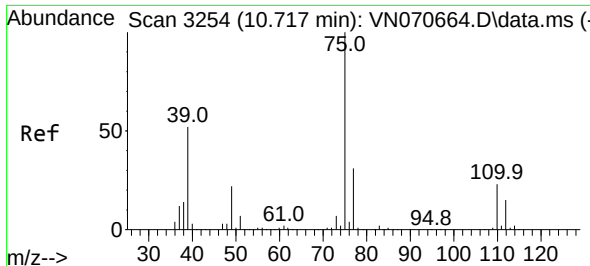
Tgt Ion: 43 Resp: 8518706
Ion Ratio Lower Upper
43 100
58 37.7 30.4 45.6



#52
Toluene
Concen: 445.176 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. 0.003 min
Lab File: VN070878.D
Acq: 1 Feb 2022 18:11

Tgt Ion: 92 Resp:15823092
Ion Ratio Lower Upper
92 100
91 0.0 142.0 213.0#

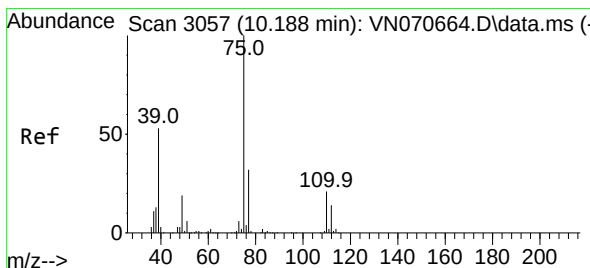
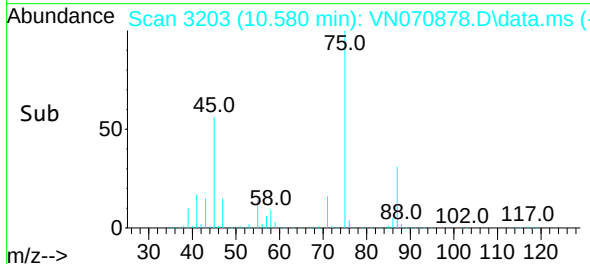
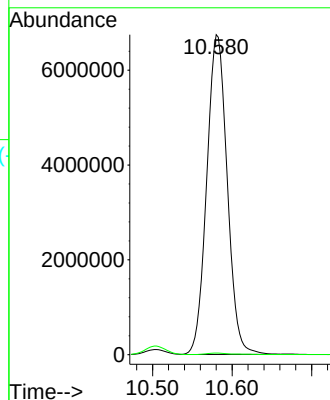
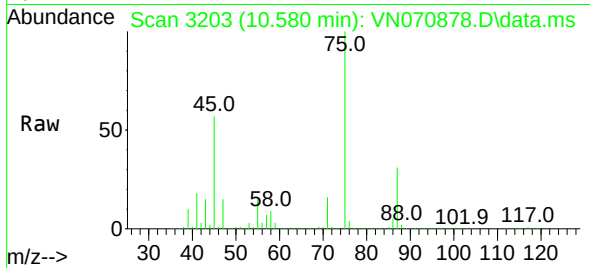




#53
t-1,3-Dichloropropene
Concen: 494.449 ug/l
RT: 10.580 min Scan# 31
Delta R.T. -0.137 min
Lab File: VN070878.D
Acq: 1 Feb 2022 18:11

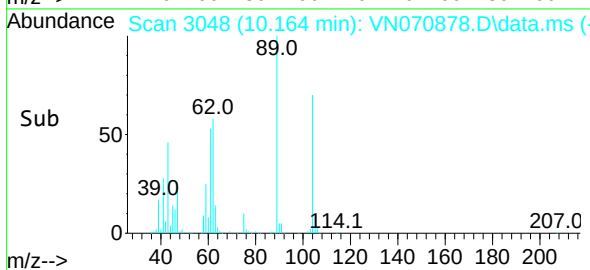
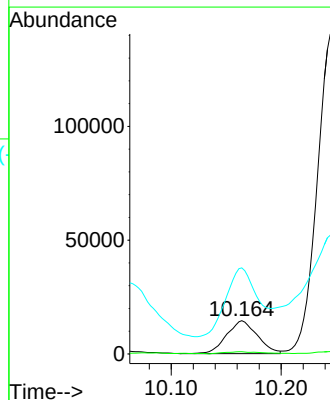
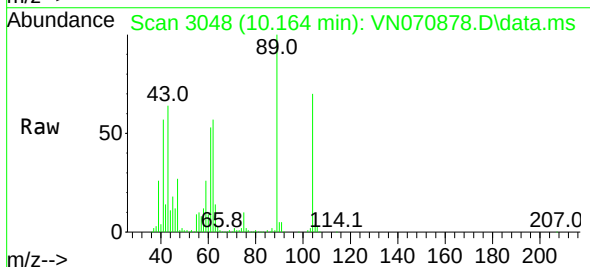
Instrument :
MSVOA_N
ClientSampleId :
31527

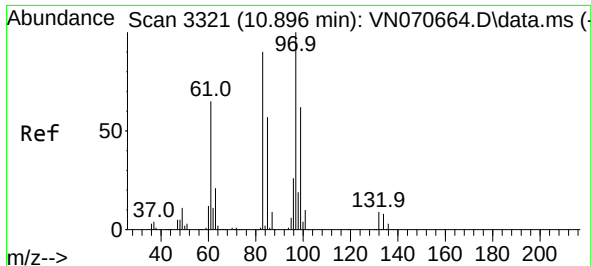
Tgt Ion: 75 Resp:12044828
Ion Ratio Lower Upper
75 100
77 0.4 25.6 38.4#



#54
cis-1,3-Dichloropropene
Concen: 1.215 ug/l
RT: 10.164 min Scan# 3048
Delta R.T. -0.024 min
Lab File: VN070878.D
Acq: 1 Feb 2022 18:11

Tgt Ion: 75 Resp: 27991
Ion Ratio Lower Upper
75 100
77 4.8 26.4 39.6#
39 198.1 42.5 63.7#

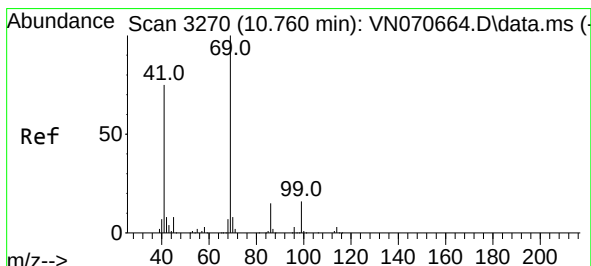
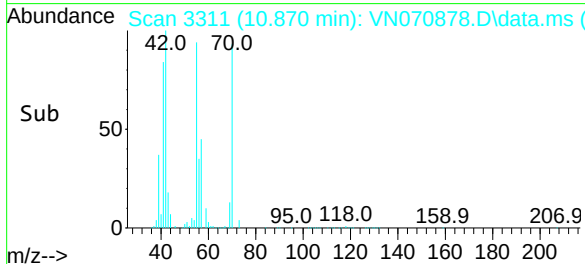
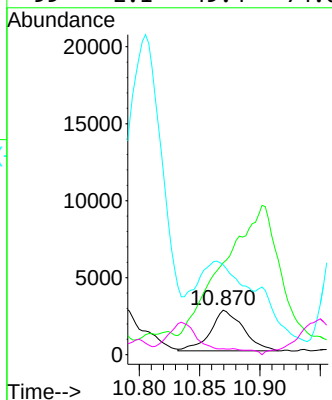
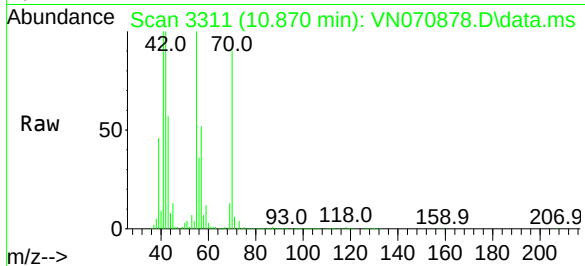




#55
1,1,2-Trichloroethane
Concen: 0.360 ug/l
RT: 10.870 min Scan# 31
Delta R.T. -0.026 min
Lab File: VN070878.D
Acq: 1 Feb 2022 18:11

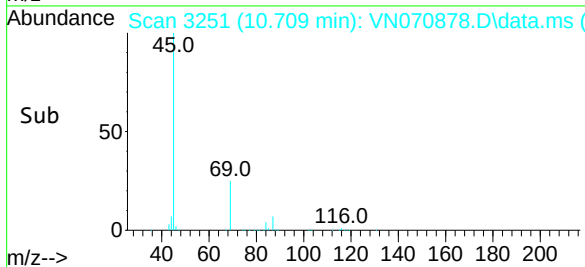
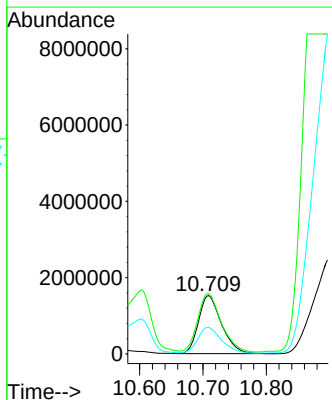
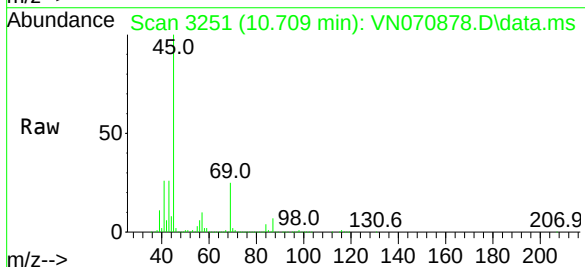
Instrument :
MSVOA_N
ClientSampleId :
31527

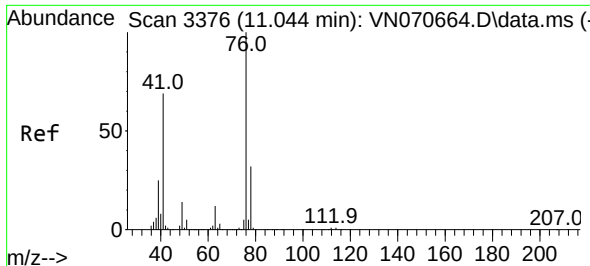
Tgt Ion: 97 Resp: 5023
Ion Ratio Lower Upper
97 100
83 178.5 67.8 101.6#
85 140.2 45.4 68.2#
99 2.1 49.4 74.0#



#56
Ethyl methacrylate
Concen: 139.682 ug/l
RT: 10.709 min Scan# 3251
Delta R.T. -0.051 min
Lab File: VN070878.D
Acq: 1 Feb 2022 18:11

Tgt Ion: 69 Resp: 3824324
Ion Ratio Lower Upper
69 100
41 102.2 51.4 77.0#
39 45.6 34.6 52.0





#57

1,3-Dichloropropane

Concen: 5.542 ug/l

RT: 11.095 min Scan# 31

Delta R.T. 0.051 min

Lab File: VN070878.D

Acq: 1 Feb 2022 18:11

Instrument :

MSVOA_N

ClientSampleId :

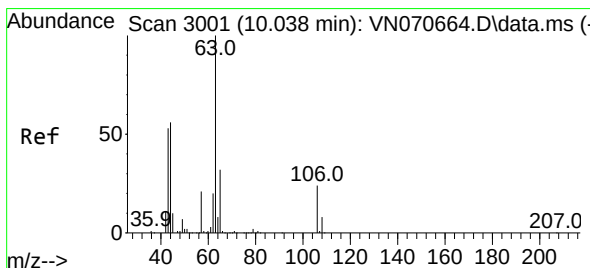
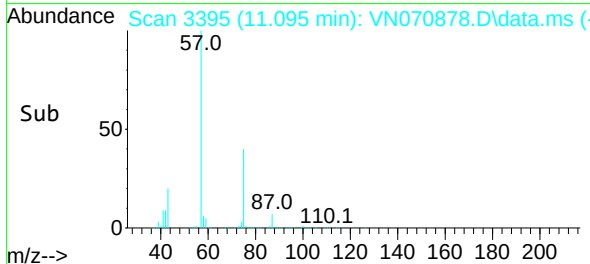
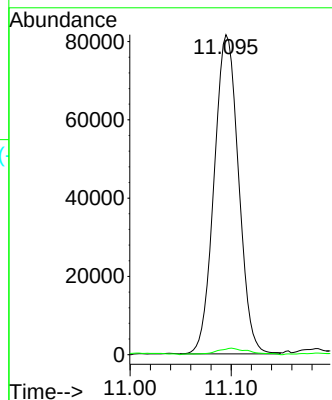
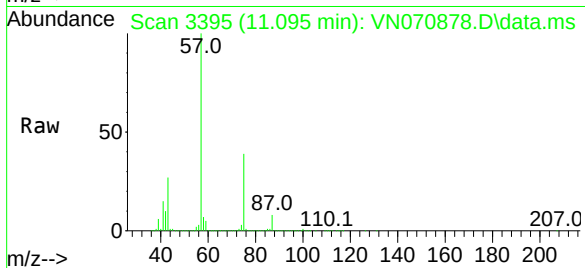
31527

Tgt Ion: 76 Resp: 136980

Ion Ratio Lower Upper

76 100

78 2.7 25.7 38.5#



#58

2-Chloroethyl Vinyl ether

Concen: 26.453 ug/l

RT: 10.162 min Scan# 3047

Delta R.T. 0.123 min

Lab File: VN070878.D

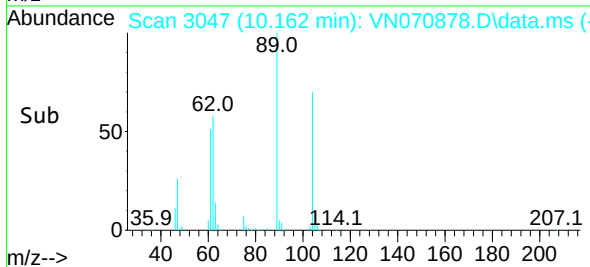
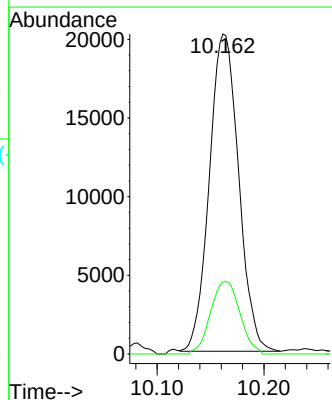
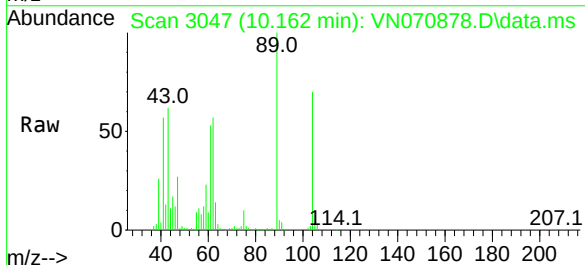
Acq: 1 Feb 2022 18:11

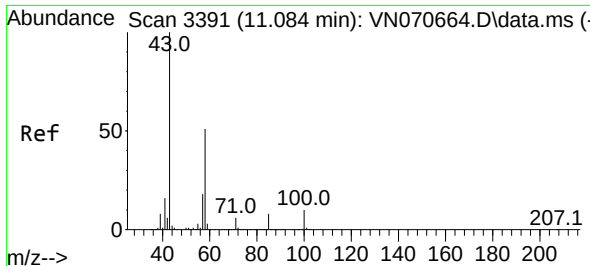
Tgt Ion: 63 Resp: 38404

Ion Ratio Lower Upper

63 100

106 22.9 23.9 35.9#

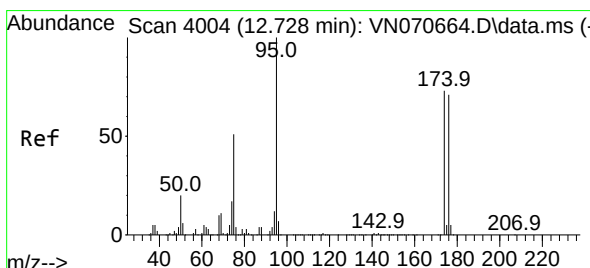
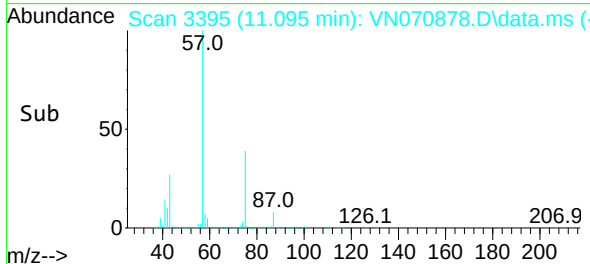
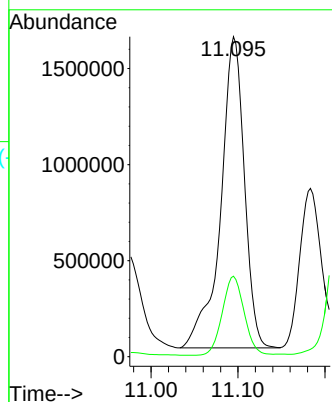
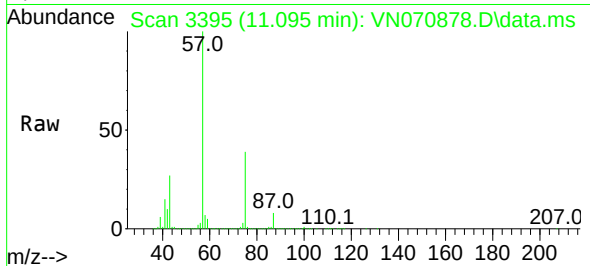




#59
2-Hexanone
Concen: 170.015 ug/l
RT: 11.095 min Scan# 31
Delta R.T. 0.011 min
Lab File: VN070878.D
Acq: 1 Feb 2022 18:11

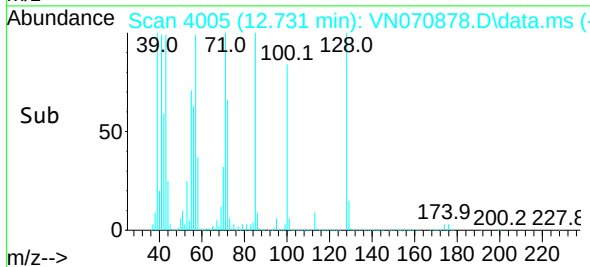
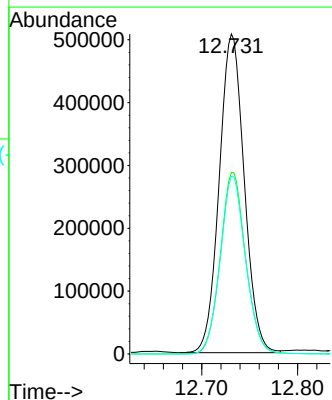
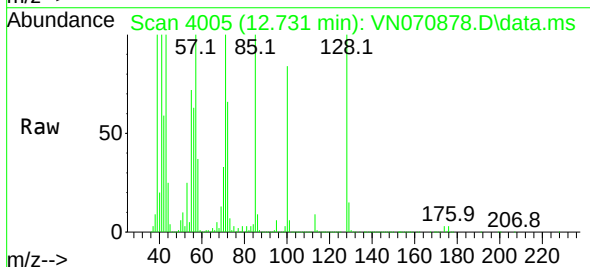
Instrument :
MSVOA_N
ClientSampleId :
31527

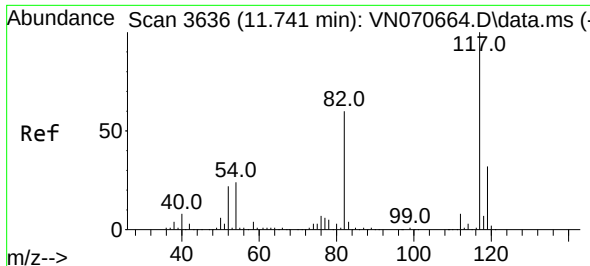
Tgt Ion: 43 Resp: 3064657
Ion Ratio Lower Upper
43 100
58 23.5 26.9 80.7#



#62
4-Bromofluorobenzene
Concen: 53.630 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.003 min
Lab File: VN070878.D
Acq: 1 Feb 2022 18:11

Tgt Ion: 95 Resp: 917078
Ion Ratio Lower Upper
95 100
174 57.9 0.0 187.2
176 56.6 0.0 181.4

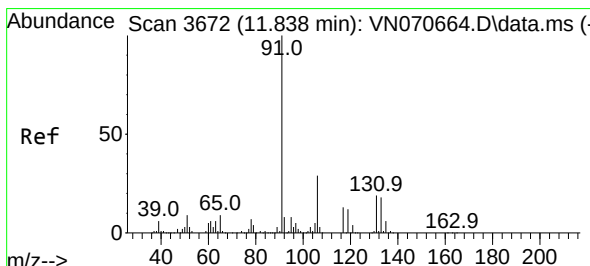
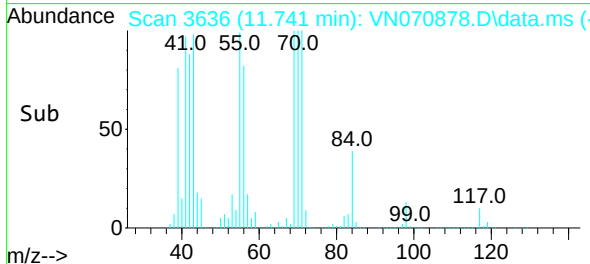
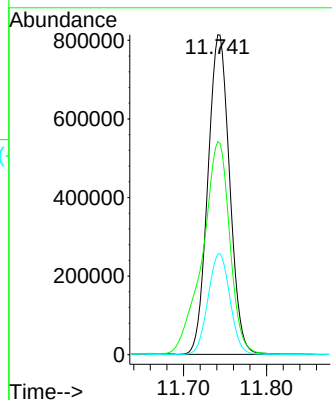
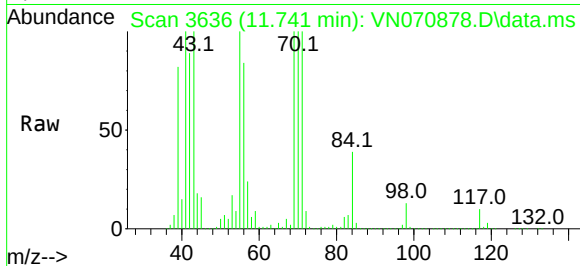




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.741 min Scan# 3636
Delta R.T. 0.000 min
Lab File: VN070878.D
Acq: 1 Feb 2022 18:11

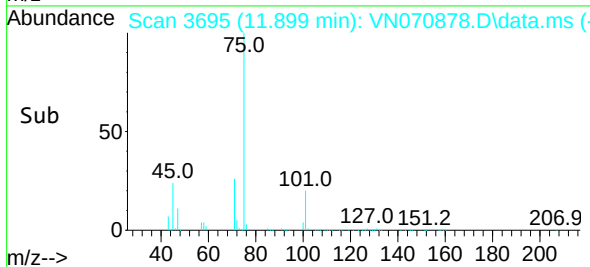
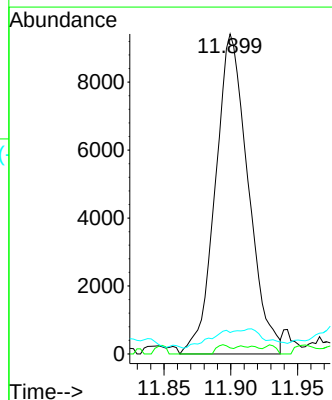
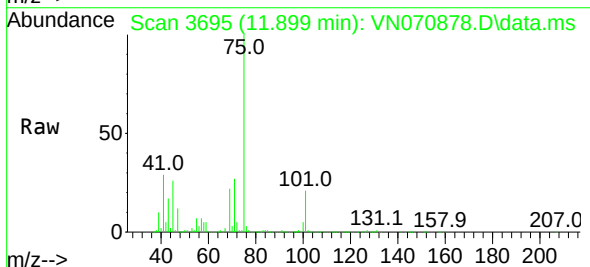
Instrument :
MSVOA_N
ClientSampleId :
31527

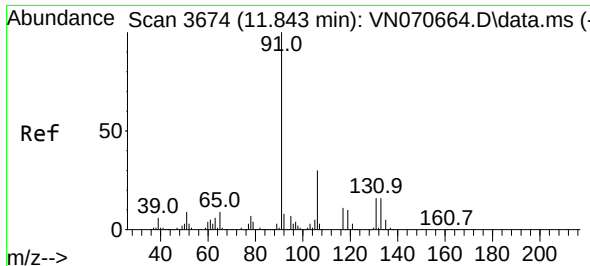
Tgt Ion:117 Resp: 1475142
Ion Ratio Lower Upper
117 100
82 66.3 42.4 63.6#
119 31.4 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 1.458 ug/l
RT: 11.899 min Scan# 3695
Delta R.T. 0.061 min
Lab File: VN070878.D
Acq: 1 Feb 2022 18:11

Tgt Ion:131 Resp: 16042
Ion Ratio Lower Upper
131 100
133 0.0 47.9 143.7#
119 0.0 32.1 96.5#

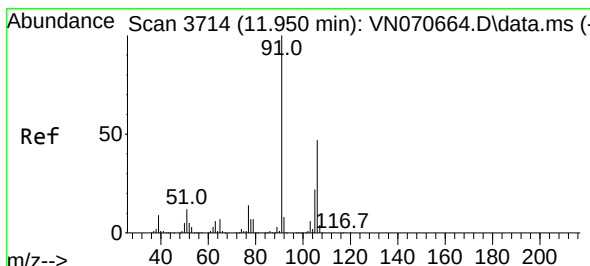
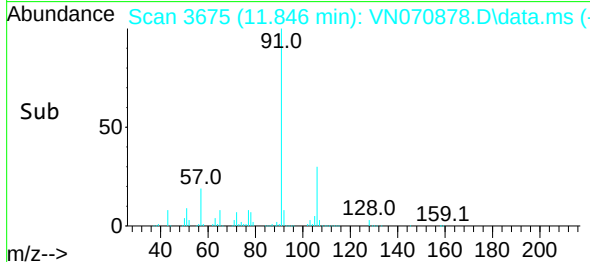
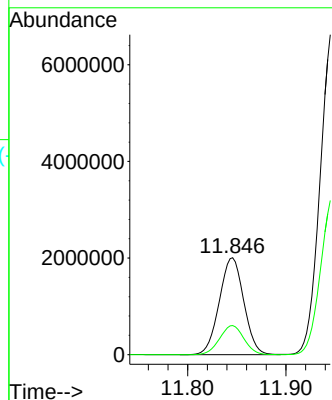
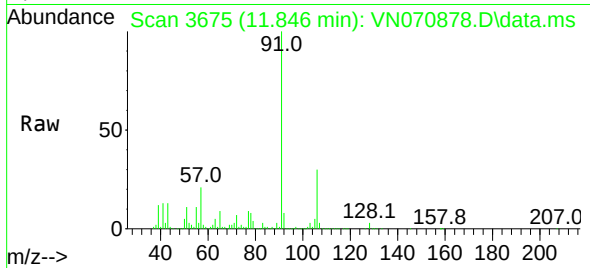




#67
Ethyl Benzene
Concen: 58.510 ug/l
RT: 11.846 min Scan# 3674
Delta R.T. 0.003 min
Lab File: VN070878.D
Acq: 1 Feb 2022 18:11

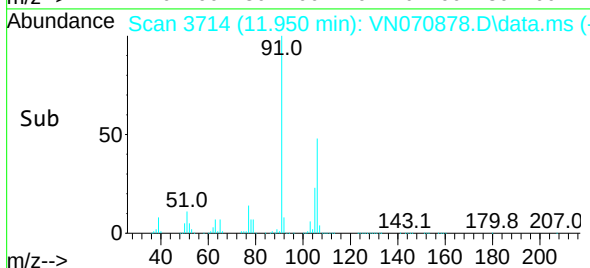
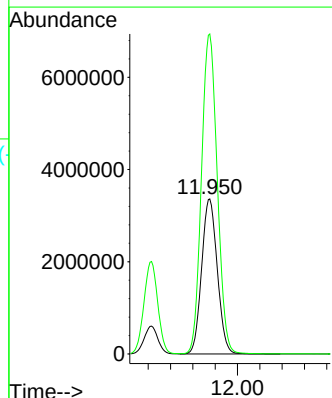
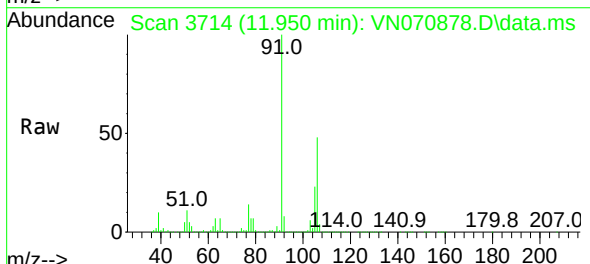
Instrument :
MSVOA_N
ClientSampleId :
31527

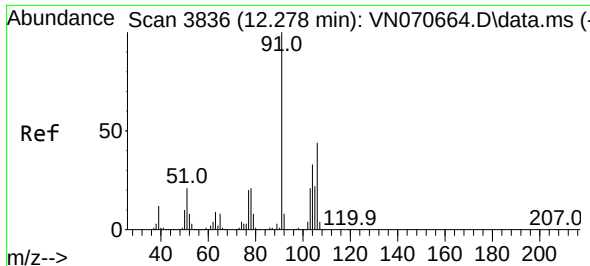
Tgt Ion: 91 Resp: 3467052
Ion Ratio Lower Upper
91 100
106 30.1 25.7 38.5



#68
m/p-Xylenes
Concen: 302.968 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. 0.000 min
Lab File: VN070878.D
Acq: 1 Feb 2022 18:11

Tgt Ion:106 Resp: 6530904
Ion Ratio Lower Upper
106 100
91 208.8 160.6 240.8

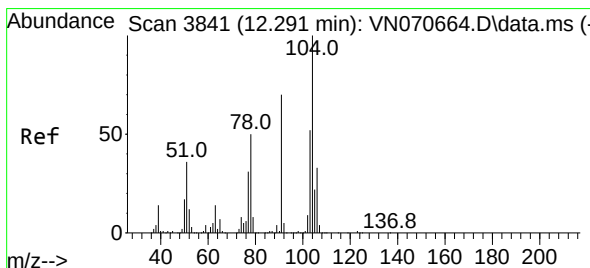
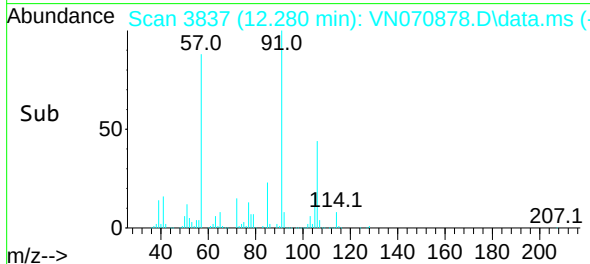
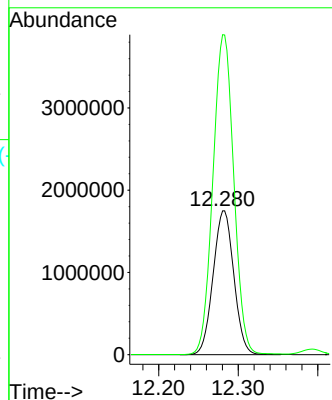
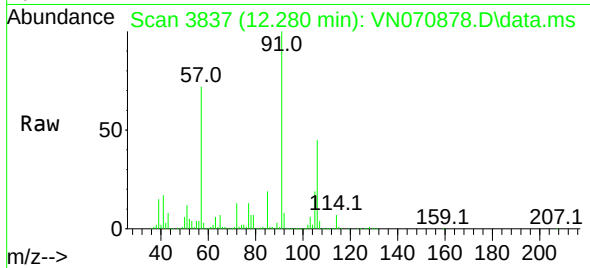




#69
o-Xylene
Concen: 147.819 ug/l
RT: 12.280 min Scan# 31527
Delta R.T. 0.002 min
Lab File: VN070878.D
Acq: 1 Feb 2022 18:11

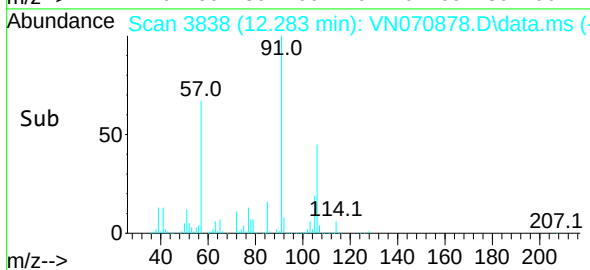
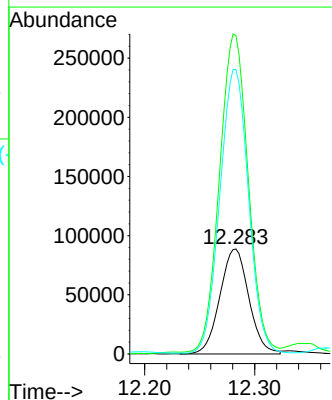
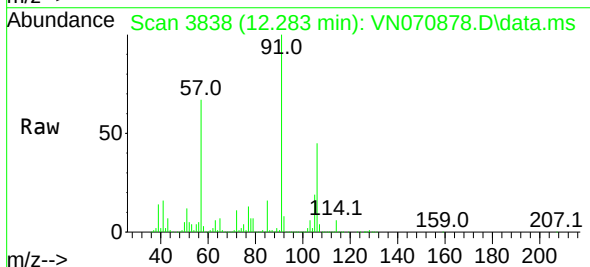
Instrument :
MSVOA_N
ClientSampleId :
31527

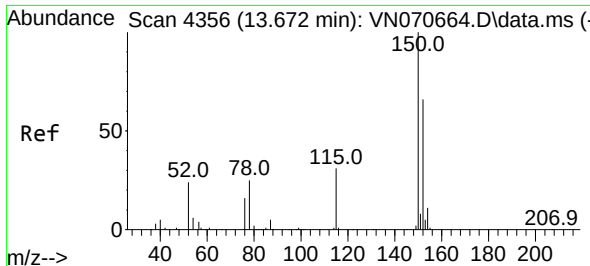
Tgt Ion:106 Resp: 3162193
Ion Ratio Lower Upper
106 100
91 223.9 105.8 317.3



#70
Styrene
Concen: 4.750 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. -0.008 min
Lab File: VN070878.D
Acq: 1 Feb 2022 18:11

Tgt Ion:104 Resp: 162544
Ion Ratio Lower Upper
104 100
78 299.2 38.7 58.1#
103 267.5 45.0 67.6#

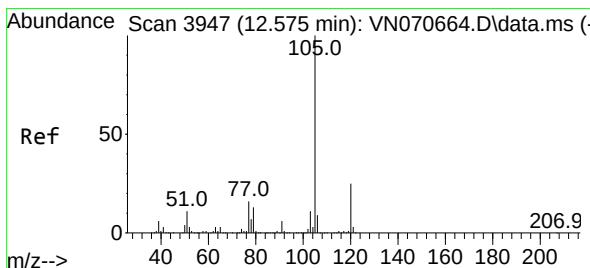
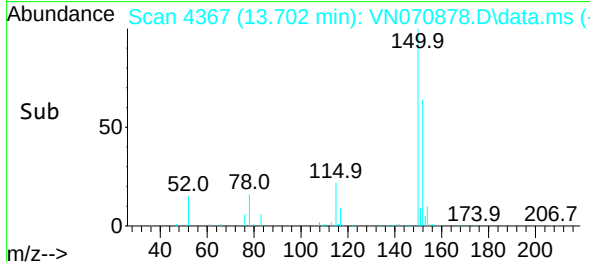
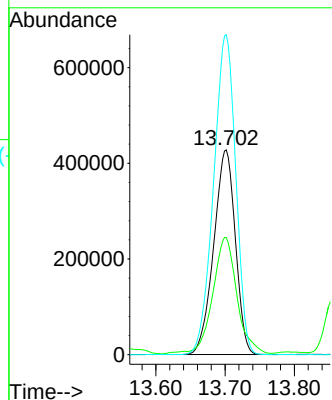
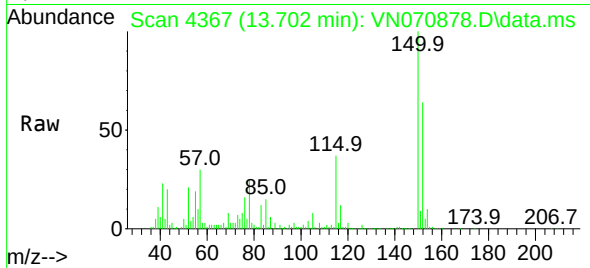




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.702 min Scan# 41
Delta R.T. 0.030 min
Lab File: VN070878.D
Acq: 1 Feb 2022 18:11

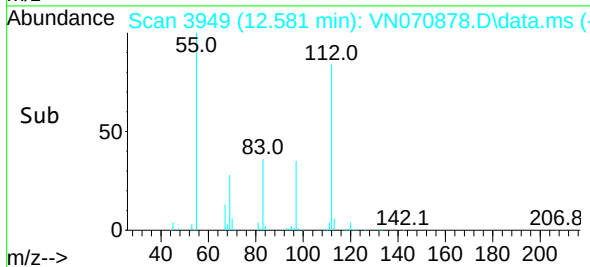
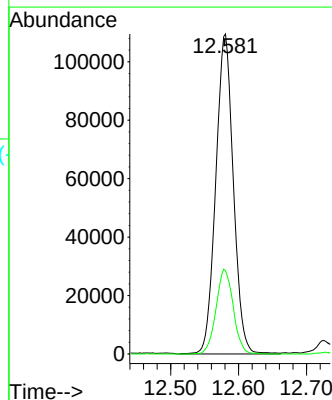
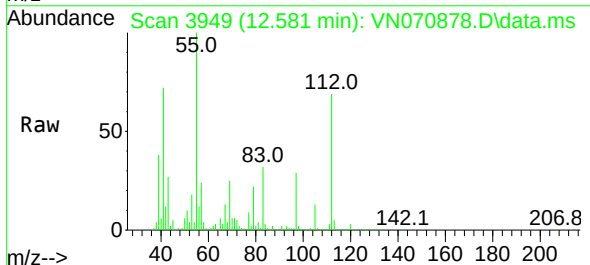
Instrument :
MSVOA_N
ClientSampleId :
31527

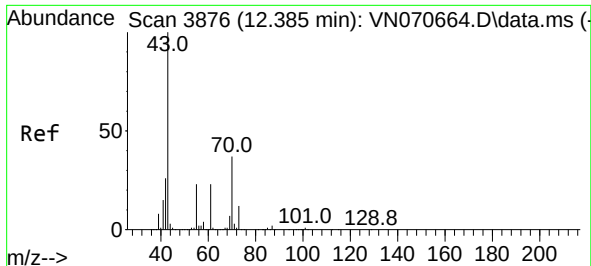
Tgt Ion:152 Resp: 928082
Ion Ratio Lower Upper
152 100
115 63.8 27.5 82.5
150 160.4 0.0 344.4



#73
Isopropylbenzene
Concen: 2.240 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.006 min
Lab File: VN070878.D
Acq: 1 Feb 2022 18:11

Tgt Ion:105 Resp: 196639
Ion Ratio Lower Upper
105 100
120 25.9 13.4 40.1

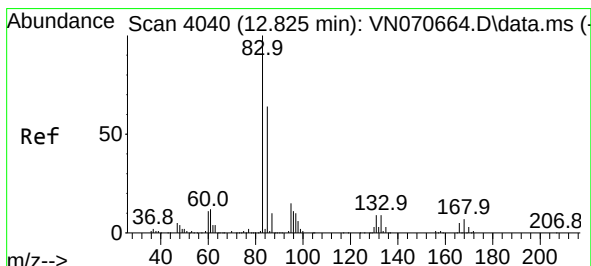
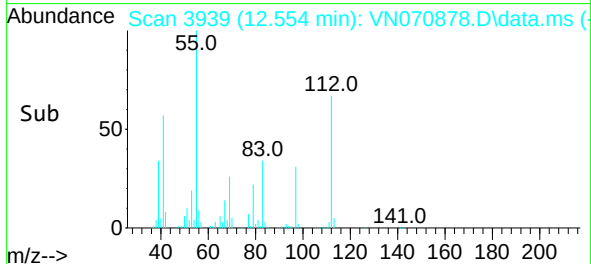
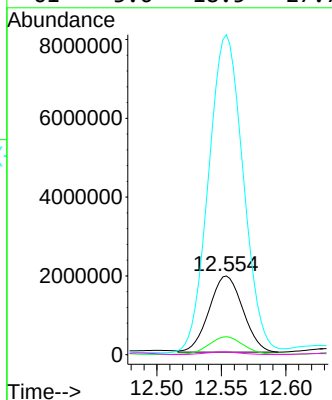
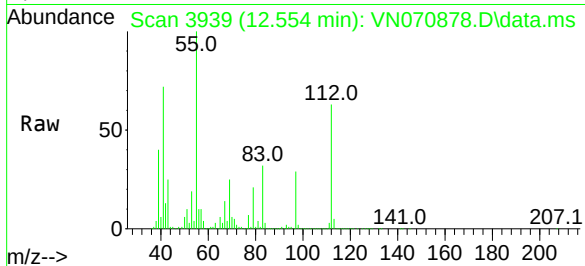




#74
N-amy1 acetate
Concen: 97.951 ug/l
RT: 12.554 min Scan# 391
Delta R.T. 0.169 min
Lab File: VN070878.D
Acq: 1 Feb 2022 18:11

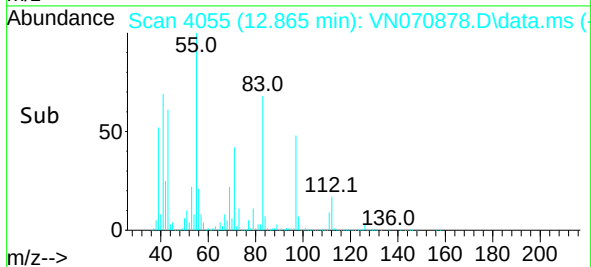
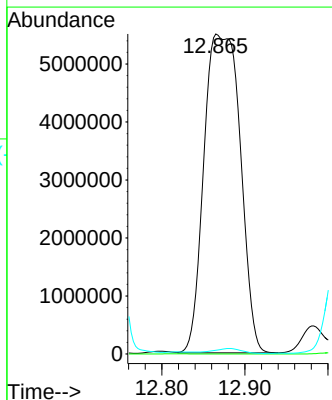
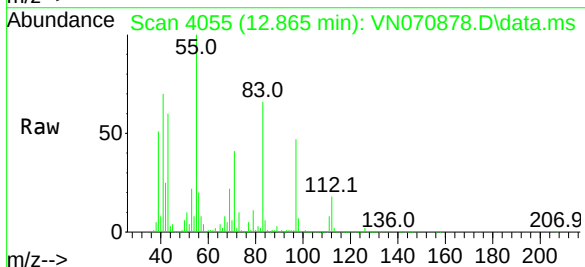
Instrument :
MSVOA_N
ClientSampleId :
31527

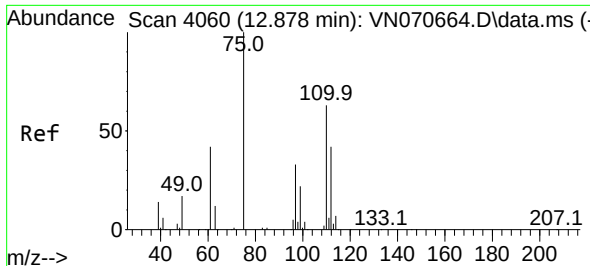
Tgt Ion: 43 Resp: 3516343
Ion Ratio Lower Upper
43 100
70 23.2 33.4 50.0#
55 430.3 19.3 28.9#
61 3.6 18.5 27.7#



#75
1,1,2,2-Tetrachloroethane
Concen: 562.274 ug/l
RT: 12.865 min Scan# 4055
Delta R.T. 0.040 min
Lab File: VN070878.D
Acq: 1 Feb 2022 18:11

Tgt Ion: 83 Resp:16672735
Ion Ratio Lower Upper
83 100
131 0.0 5.5 16.5#
85 0.0 32.4 97.2#

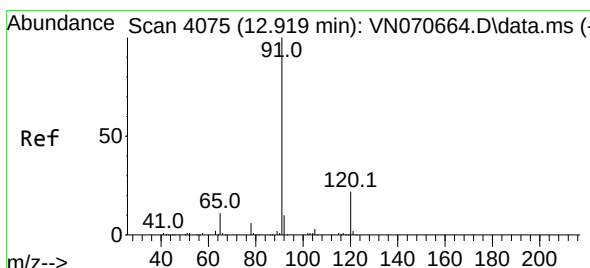
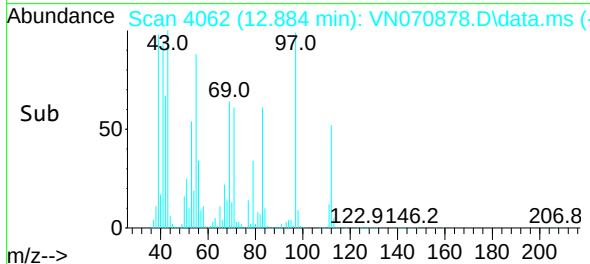
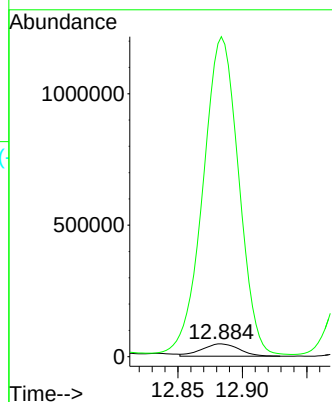
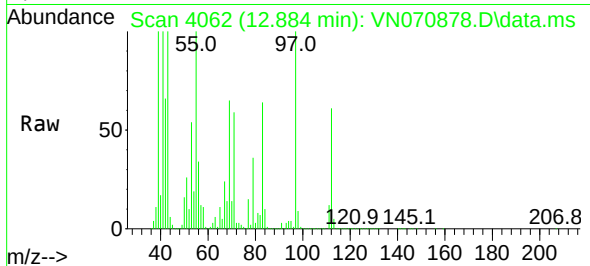




#76
1,2,3-Trichloropropane
Concen: 3.814 ug/l
RT: 12.884 min Scan# 4062
Delta R.T. 0.006 min
Lab File: VN070878.D
Acq: 1 Feb 2022 18:11

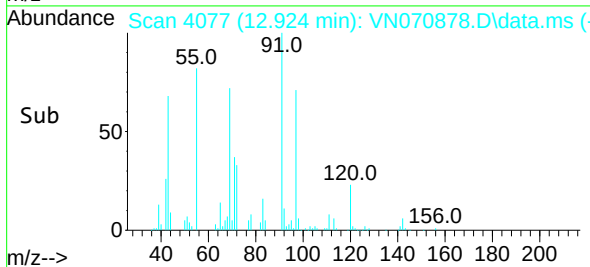
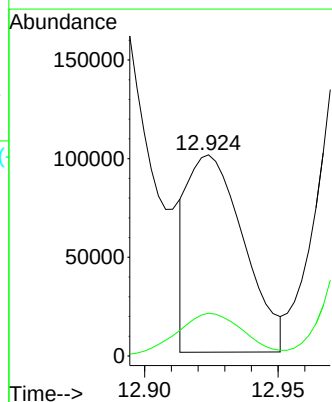
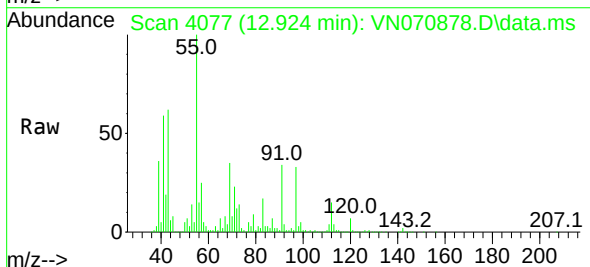
Instrument :
MSVOA_N
ClientSampleId :
31527

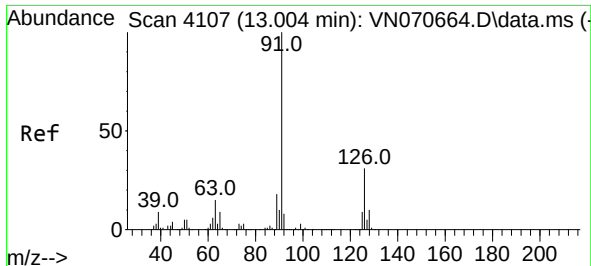
Tgt Ion: 75 Resp: 93888
Ion Ratio Lower Upper
75 100
77 2472.1 82.6 247.8#



#78
n-propylbenzene
Concen: 1.481 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. 0.005 min
Lab File: VN070878.D
Acq: 1 Feb 2022 18:11

Tgt Ion: 91 Resp: 145400
Ion Ratio Lower Upper
91 100
120 25.6 11.9 35.9

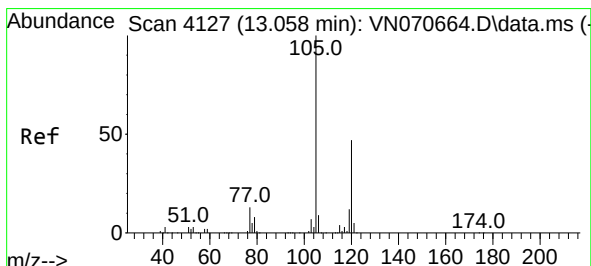
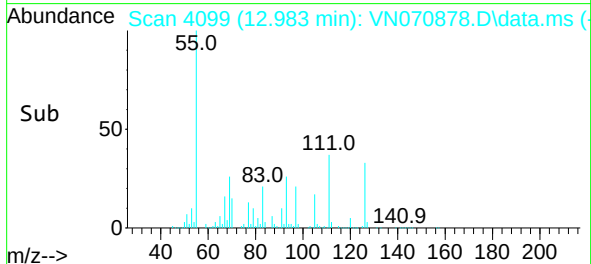
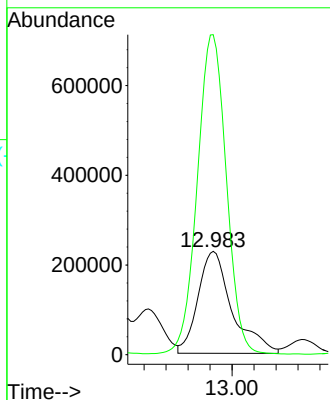
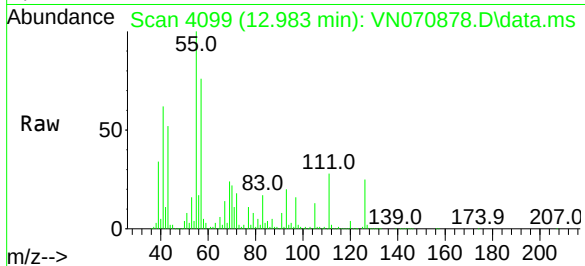




#79
2-Chlorotoluene
Concen: 7.921 ug/l
RT: 12.983 min Scan# 4099
Delta R.T. -0.021 min
Lab File: VN070878.D
Acq: 1 Feb 2022 18:11

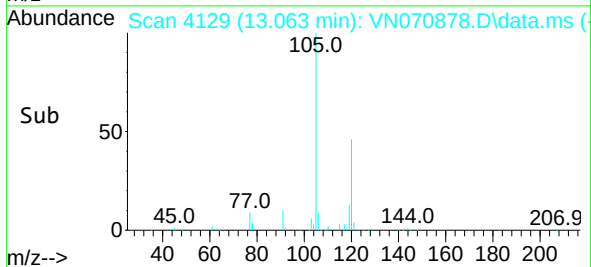
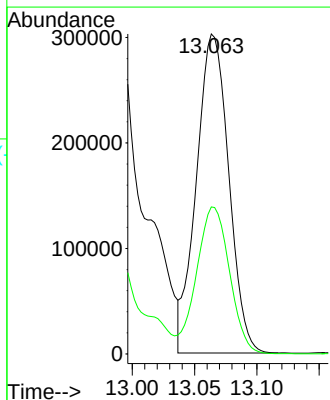
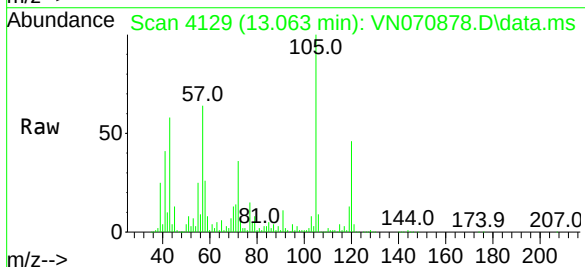
Instrument :
MSVOA_N
ClientSampleId :
31527

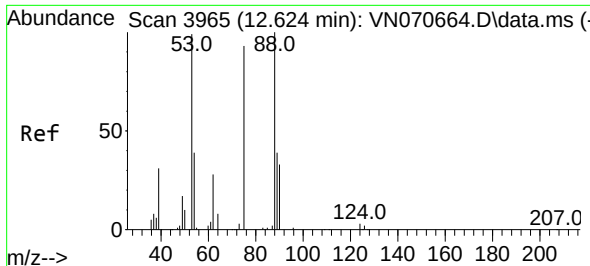
Tgt Ion: 91 Resp: 492002
Ion Ratio Lower Upper
91 100
126 265.7 18.3 54.8#



#80
1,3,5-Trimethylbenzene
Concen: 7.674 ug/l
RT: 13.063 min Scan# 4129
Delta R.T. 0.005 min
Lab File: VN070878.D
Acq: 1 Feb 2022 18:11

Tgt Ion: 105 Resp: 544862
Ion Ratio Lower Upper
105 100
120 47.3 24.6 73.6

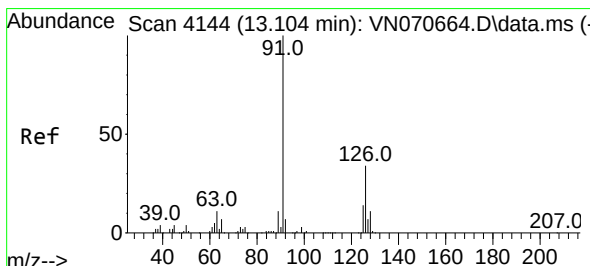
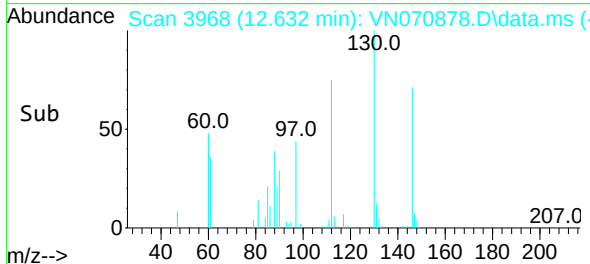
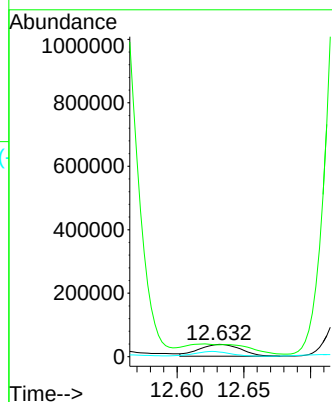
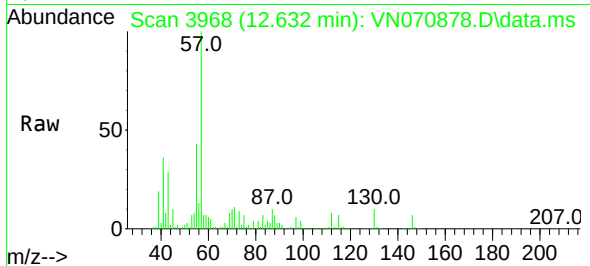




#81
trans-1,4-Dichloro-2-butene
Concen: 9.679 ug/l
RT: 12.632 min Scan# 3965
Delta R.T. 0.008 min
Lab File: VN070878.D
Acq: 1 Feb 2022 18:11

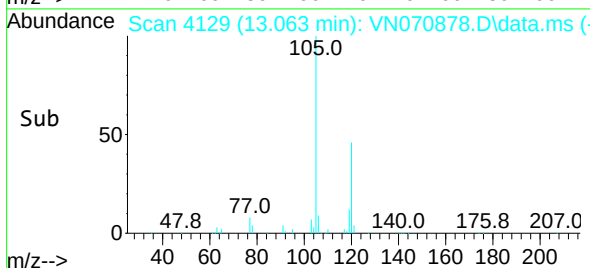
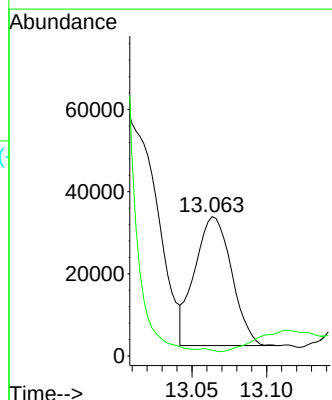
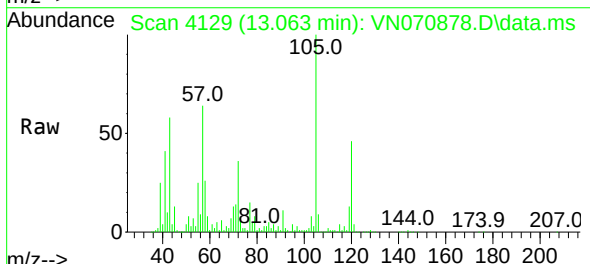
Instrument :
MSVOA_N
ClientSampleId :
31527

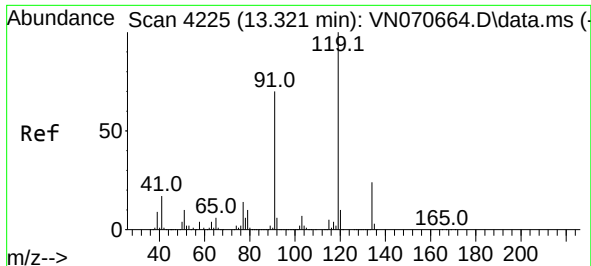
Tgt Ion: 75 Resp: 79969
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#



#82
4-Chlorotoluene
Concen: 0.927 ug/l
RT: 13.063 min Scan# 4129
Delta R.T. -0.041 min
Lab File: VN070878.D
Acq: 1 Feb 2022 18:11

Tgt Ion: 91 Resp: 53792
Ion Ratio Lower Upper
91 100
126 0.0 18.2 54.6#

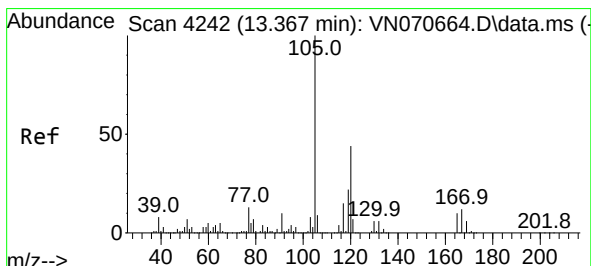
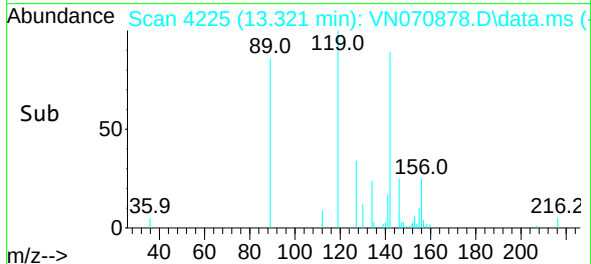
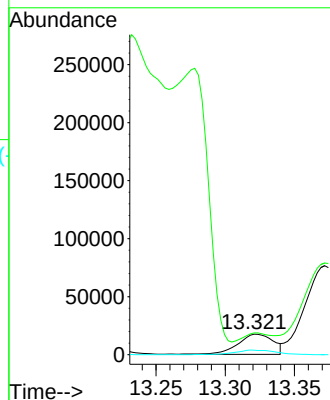
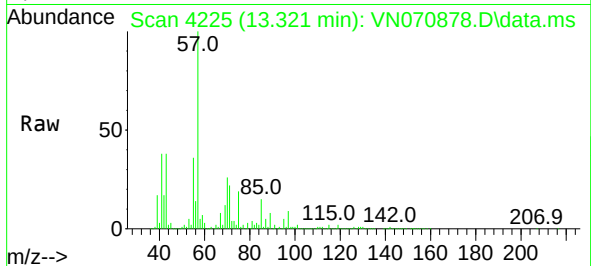




#83
tert-Butylbenzene
Concen: 0.503 ug/l
RT: 13.321 min Scan# 4187
Delta R.T. -0.000 min
Lab File: VN070878.D
Acq: 1 Feb 2022 18:11

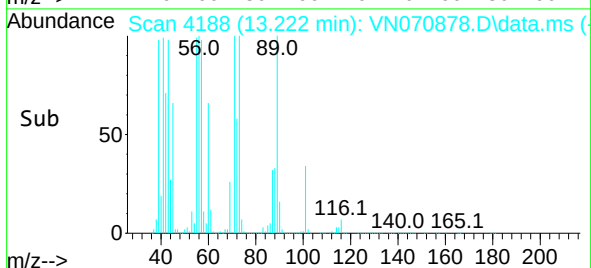
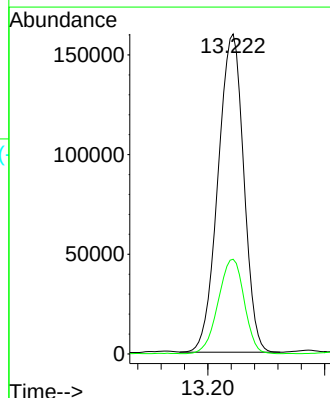
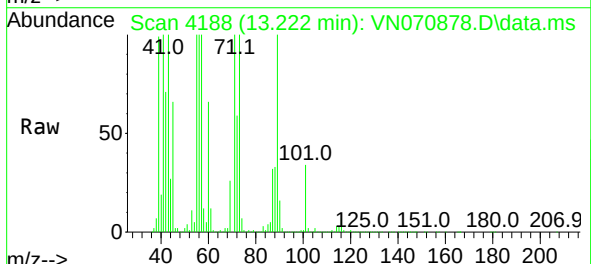
Instrument :
MSVOA_N
ClientSampleId :
31527

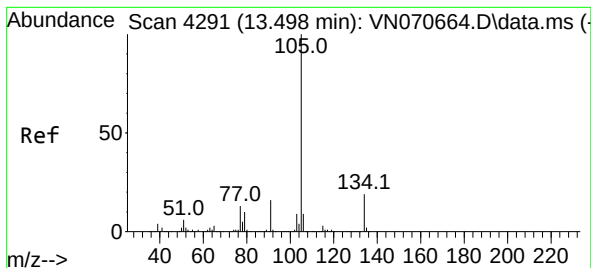
Tgt Ion:119 Resp: 31094
Ion Ratio Lower Upper
119 100
91 0.0 31.5 94.5#
134 26.4 12.4 37.4



#84
1,2,4-Trimethylbenzene
Concen: 3.574 ug/l
RT: 13.222 min Scan# 4188
Delta R.T. -0.145 min
Lab File: VN070878.D
Acq: 1 Feb 2022 18:11

Tgt Ion:105 Resp: 243954
Ion Ratio Lower Upper
105 100
120 30.0 22.8 68.4





#85

sec-Butylbenzene

Concen: 4.335 ug/l

RT: 13.616 min Scan# 41

Delta R.T. 0.118 min

Lab File: VN070878.D

Acq: 1 Feb 2022 18:11

Instrument :

MSVOA_N

ClientSampleId :

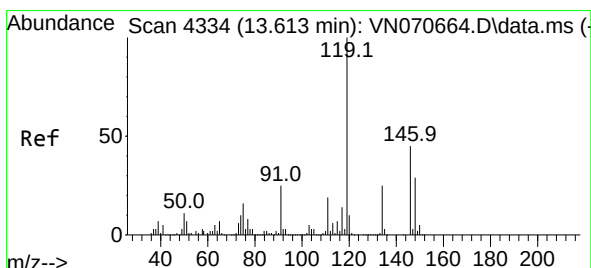
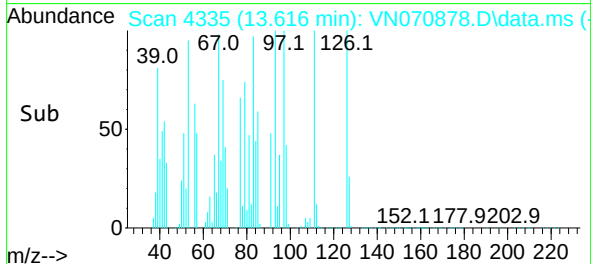
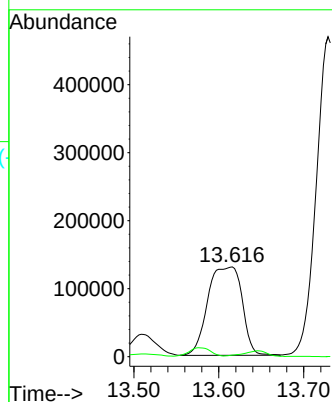
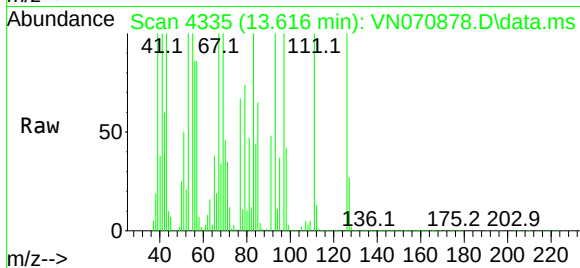
31527

Tgt Ion:105 Resp: 364213

Ion Ratio Lower Upper

105 100

134 0.0 10.4 31.1#



#86

p-Isopropyltoluene

Concen: 0.923 ug/l

RT: 13.645 min Scan# 4346

Delta R.T. 0.032 min

Lab File: VN070878.D

Acq: 1 Feb 2022 18:11

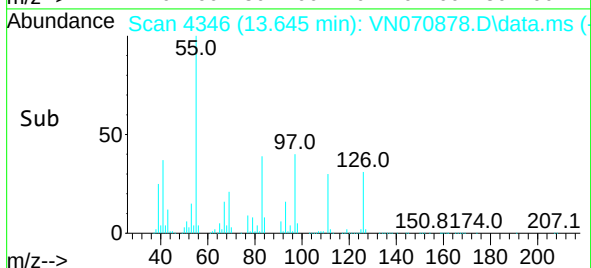
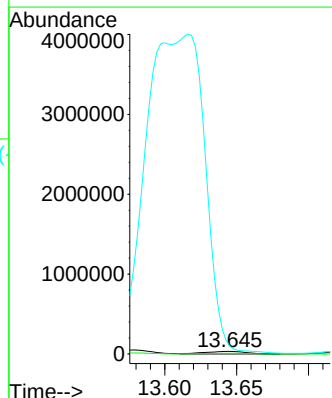
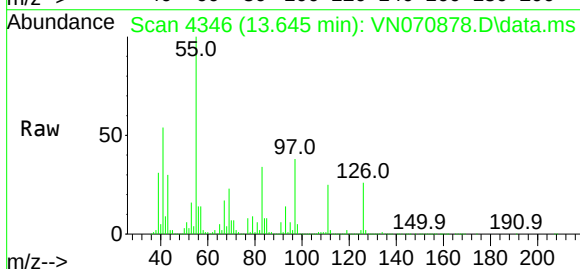
Tgt Ion:119 Resp: 60918

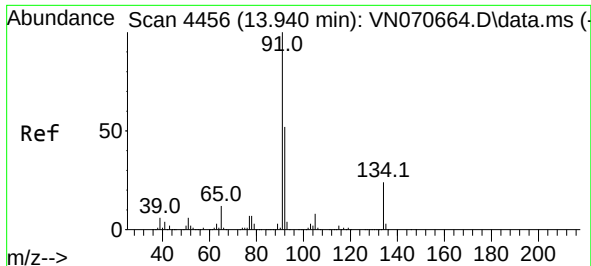
Ion Ratio Lower Upper

119 100

134 26.1 13.6 40.7

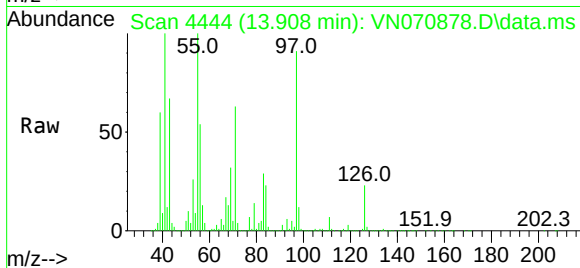
91 0.0 11.4 34.1#



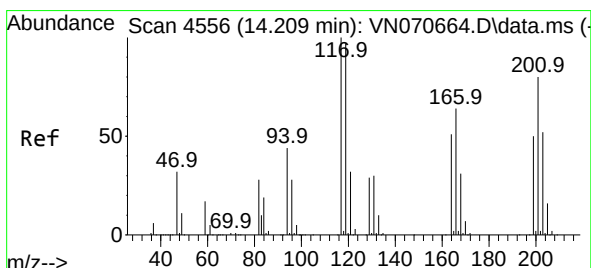
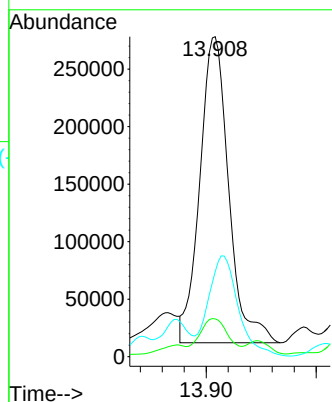
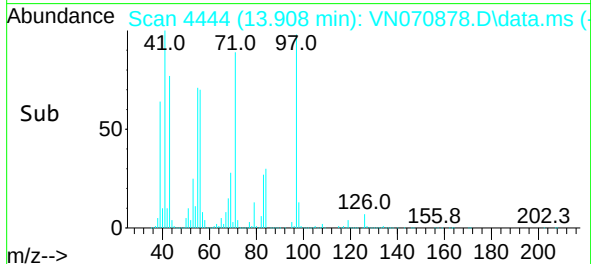


#89
n-Butylbenzene
Concen: 8.911 ug/l
RT: 13.908 min Scan# 4444
Delta R.T. -0.032 min
Lab File: VN070878.D
Acq: 1 Feb 2022 18:11

Instrument :
MSVOA_N
ClientSampleId :
31527

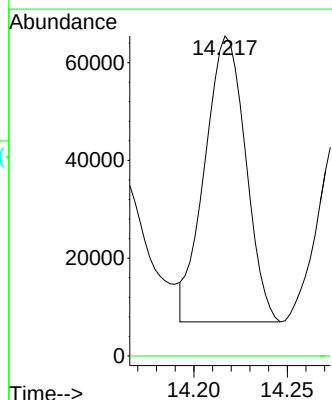
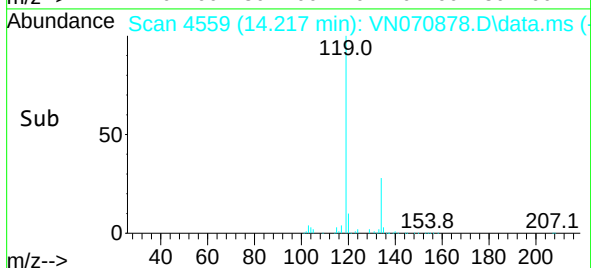
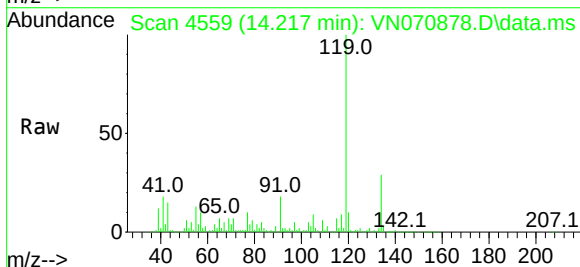


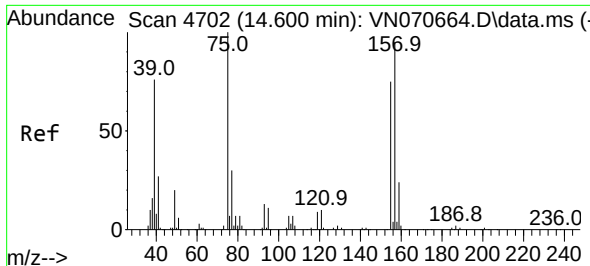
Tgt Ion: 91 Resp: 485250
Ion Ratio Lower Upper
91 100
92 11.4 25.4 76.0#
134 33.7 13.6 40.8



#90
Hexachloroethane
Concen: 7.701 ug/l
RT: 14.217 min Scan# 4559
Delta R.T. 0.008 min
Lab File: VN070878.D
Acq: 1 Feb 2022 18:11

Tgt Ion: 117 Resp: 88861
Ion Ratio Lower Upper
117 100
201 0.0 43.9 131.6#

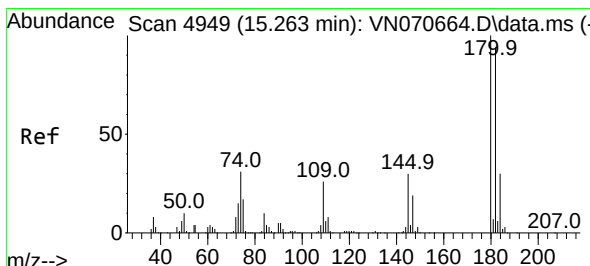
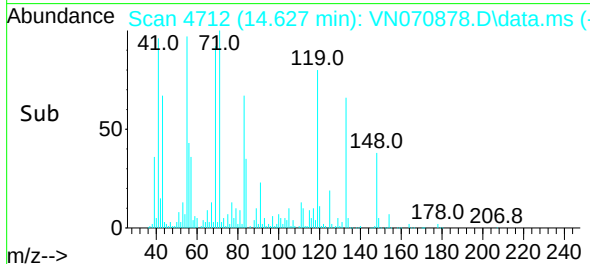
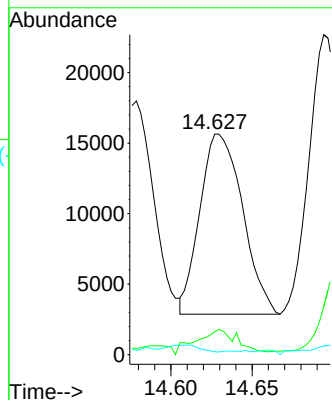
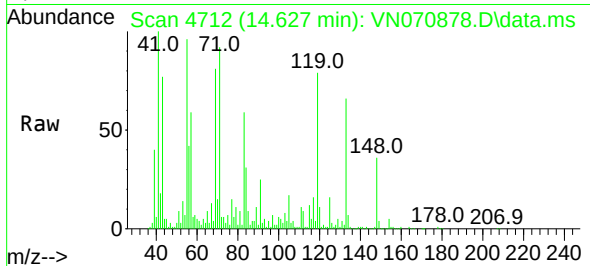




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.639 ug/l
 RT: 14.627 min Scan# 4712
 Delta R.T. 0.027 min
 Lab File: VN070878.D
 Acq: 1 Feb 2022 18:11

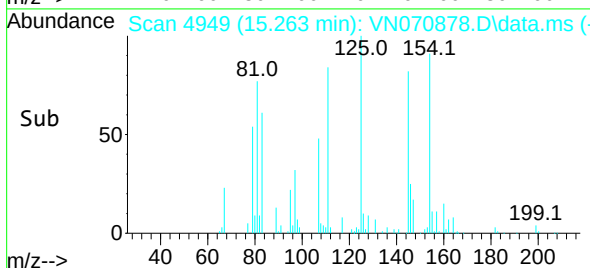
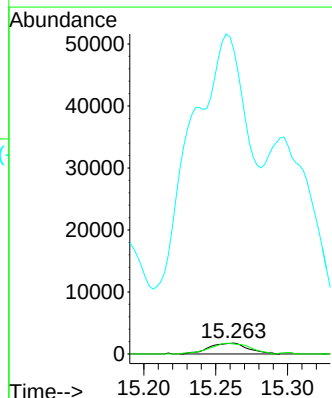
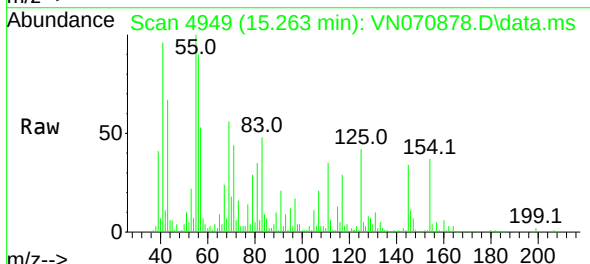
Instrument :
 MSVOA_N
 ClientSampleId :
 31527

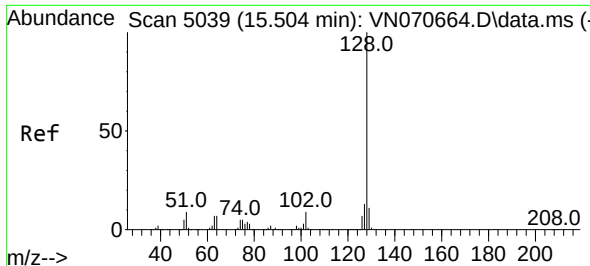
Tgt Ion: 75 Resp: 23336
 Ion Ratio Lower Upper
 75 100
 155 13.8 46.9 140.7#
 157 2.8 60.6 181.7#



#93
 1,2,4-Trichlorobenzene
 Concen: 3.603 ug/l
 RT: 15.263 min Scan# 4949
 Delta R.T. -0.000 min
 Lab File: VN070878.D
 Acq: 1 Feb 2022 18:11

Tgt Ion:180 Resp: 3271
 Ion Ratio Lower Upper
 180 100
 182 102.8 48.3 144.9
 145 3335.3 14.5 43.5#

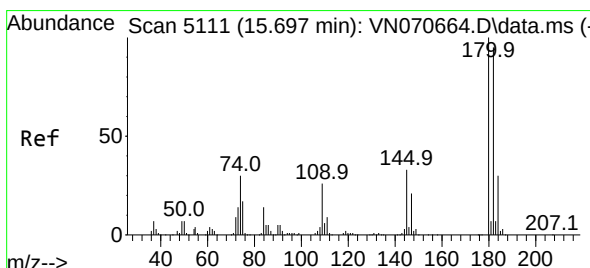
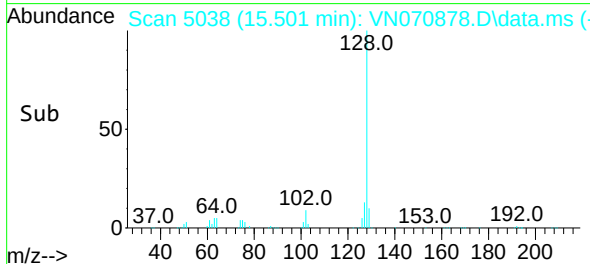
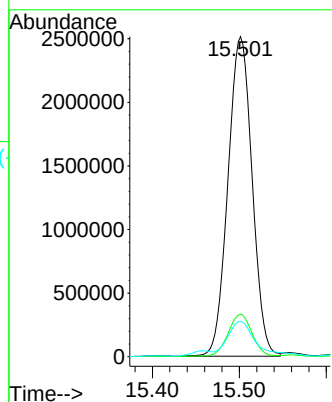
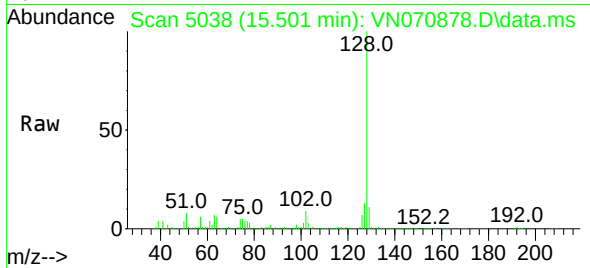




#95
Naphthalene
Concen: 95.820 ug/l
RT: 15.501 min Scan# 5039
Delta R.T. -0.003 min
Lab File: VN070878.D
Acq: 1 Feb 2022 18:11

Instrument :
MSVOA_N
ClientSampleId :
31527

Tgt Ion:128 Resp: 4853548
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 13.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 3.437 ug/l
RT: 15.694 min Scan# 5110
Delta R.T. -0.003 min
Lab File: VN070878.D
Acq: 1 Feb 2022 18:11

Tgt Ion:180 Resp: 3870
Ion Ratio Lower Upper
180 100
182 355.9 47.4 142.2#
145 0.0 15.0 45.1#

