

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061622\
 Data File : VN072898.D
 Acq On : 16 Jun 2022 23:16
 Operator : JC\MD
 Sample : N3202-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 17 06:08:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061622W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 17 06:04:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	539421	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	895559	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	806770	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	353907	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	431921	43.340	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	86.680%
35) Dibromofluoromethane	7.951	113	368919	45.350	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	90.700%
50) Toluene-d8	10.375	98	1097982	34.482	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	68.960%
62) 4-Bromofluorobenzene	12.663	95	457800	41.445	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	82.900%

Target Compounds			Qvalue			
11) Tert butyl alcohol	5.293	59	1701355	655.671	ug/l	99
13) Acrolein	3.987	56	198	Below Cal	#	16
15) Acrylonitrile	5.528	53	9862	1.751	ug/l #	26
16) Acetone	4.234	43	96776	19.239	ug/l	93
17) Carbon Disulfide	4.457	76	6666	0.327	ug/l	98
19) Methyl tert-butyl Ether	5.534	73	989022	35.936	ug/l	99
20) Methylene Chloride	5.016	84	2378	0.264	ug/l #	91
22) Diisopropyl ether	6.416	45	101047	3.585	ug/l	93
23) Vinyl Acetate	6.416	43	51871	2.024	ug/l #	68
25) 2-Butanone	7.269	43	43938	5.484	ug/l	97
31) Cyclohexane	8.022	56	52878	3.958	ug/l #	86
36) 1,1-Dichloropropene	8.016	75	39792	3.582	ug/l #	49
37) Ethyl Acetate	7.269	43	43938	2.733	ug/l #	67
38) Carbon Tetrachloride	8.016	117	51813	4.332	ug/l #	16
39) Methylcyclohexane	9.392	83	14583	1.058	ug/l	95
40) Benzene	8.387	78	4226409	119.397	ug/l	99
41) Methacrylonitrile	7.598	41	1925	0.230	ug/l #	16
42) 1,2-Dichloroethane	8.392	62	36062	2.825	ug/l	76
43) Isopropyl Acetate	8.463	43	568744	22.727	ug/l #	55
48) Methyl methacrylate	9.569	41	2831	0.248	ug/l	84
51) 4-Methyl-2-Pentanone	10.269	43	18796	1.161	ug/l	99
52) Toluene	10.439	92	603120	26.328	ug/l	98
59) 2-Hexanone	11.069	43	42350	3.523	ug/l	69
67) Ethyl Benzene	11.780	91	7293939	194.150	ug/l	100
68) m/p-Xylenes	11.892	106	5459887	378.503	ug/l	95
69) o-Xylene	12.216	106	1148211	77.583	ug/l	98
70) Styrene	12.216	104	55179	2.409	ug/l #	1
73) Isopropylbenzene	12.516	105	595298	17.638	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.775	83	3506	0.318	ug/l #	25
76) 1,2,3-Trichloropropane	12.951	75	15959	1.517	ug/l #	1
78) n-propylbenzene	12.857	91	991555	28.170	ug/l	99
79) 2-Chlorotoluene	12.951	91	225069	9.842	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.992	105	1542675	57.037	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.516	75	6999	1.895	ug/l #	57
82) 4-Chlorotoluene	12.992	91	162873	7.703	ug/l #	40
83) tert-Butylbenzene	13.304	119	826535	34.141	ug/l #	60

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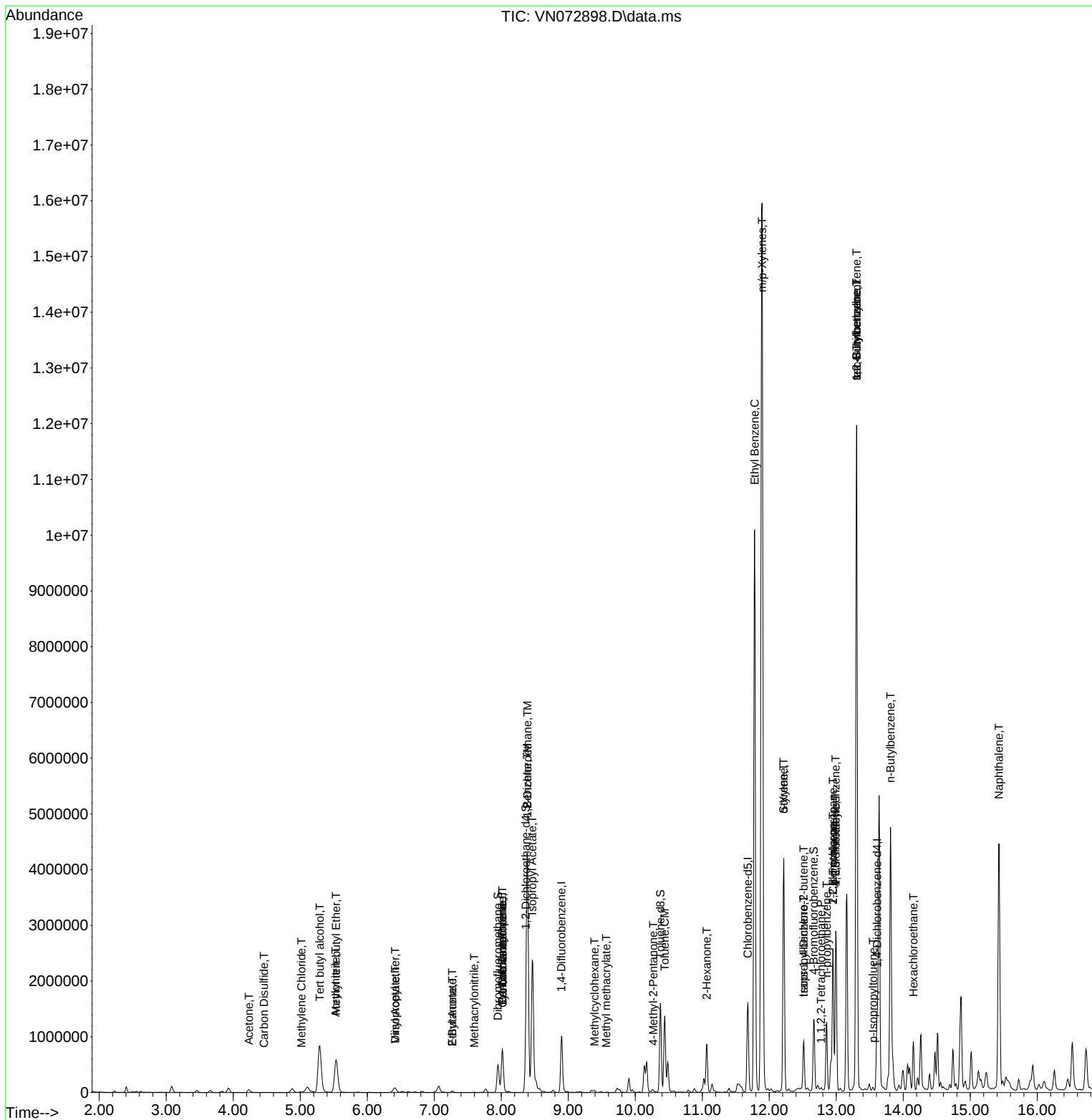
Instrument :
 MSVOA_N
 ClientSampleId :

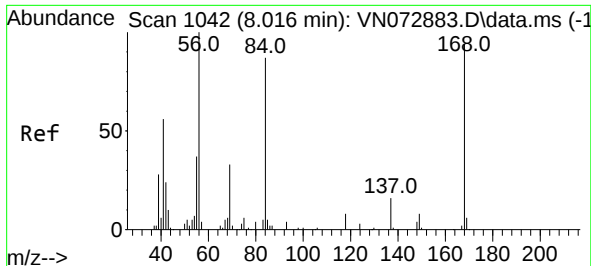
Quant Time: Jun 17 06:08:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061622W.M
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 QLast Update : Fri Jun 17 06:04:26 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	13.304	105	6824722	262.461	ug/l	98
85) sec-Butylbenzene	13.304	105	6824722	217.448	ug/l #	56
86) p-Isopropyltoluene	13.551	119	25349	1.001	ug/l #	76
89) n-Butylbenzene	13.810	91	500869	25.725	ug/l #	42
90) Hexachloroethane	14.151	117	40864	7.461	ug/l #	9
92) 1,2-Dibromo-3-Chloropr...	14.516	75	3456	Below Cal	#	1
95) Naphthalene	15.427	128	4097427	182.738	ug/l	100

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

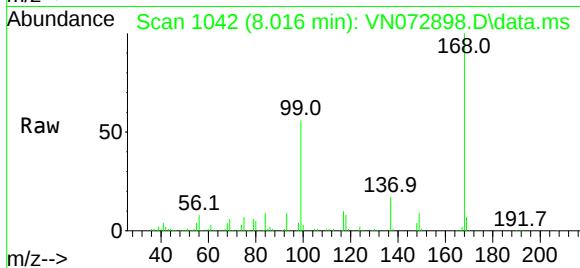
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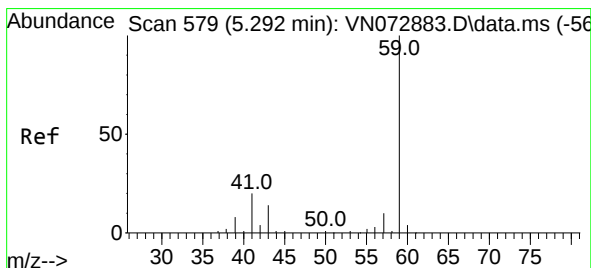
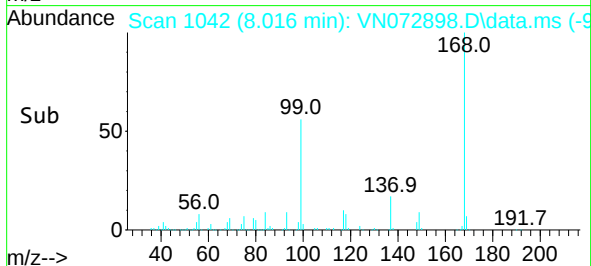
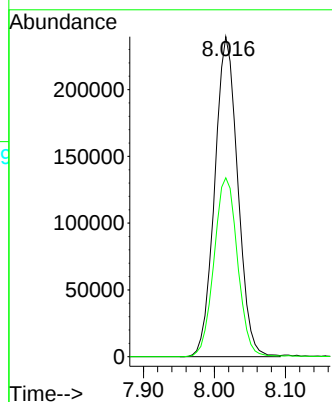


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN072898.D
Acq: 16 Jun 2022 23:16

Instrument :
MSVOA_N
ClientSampleId :

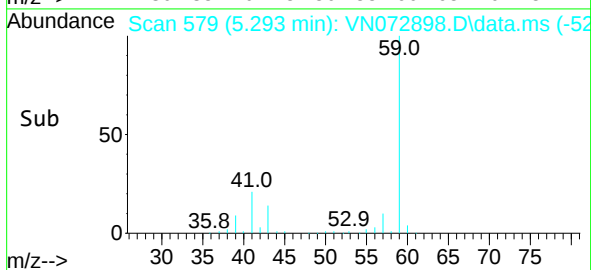
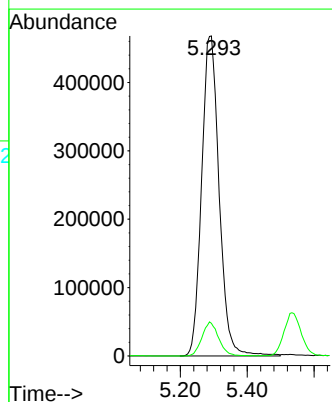
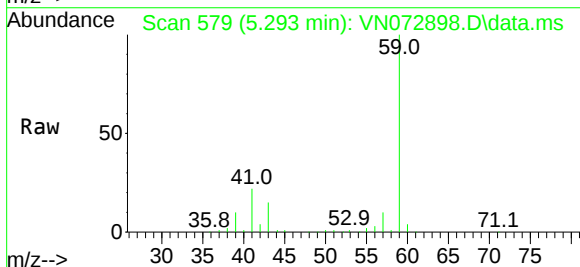


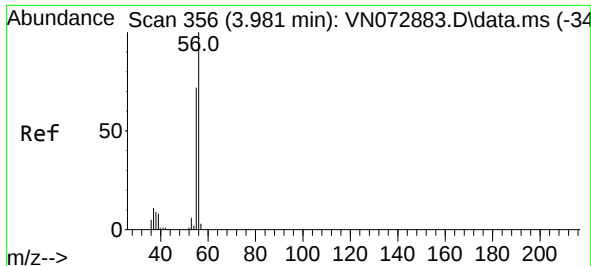
Tgt Ion:168 Resp: 539421
Ion Ratio Lower Upper
168 100
99 55.9 42.3 63.5



#11
Tert butyl alcohol
Concen: 655.671 ug/l
RT: 5.293 min Scan# 579
Delta R.T. 0.000 min
Lab File: VN072898.D
Acq: 16 Jun 2022 23:16

Tgt Ion: 59 Resp: 1701355
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5





#13

Acrolein

Concen: Below Cal

RT: 3.987 min Scan# 3

Delta R.T. 0.006 min

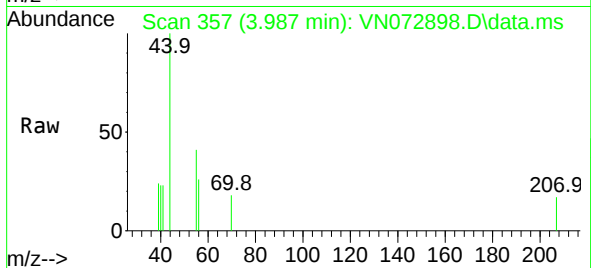
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Acq: 16 Jun 2022 23:16

Instrument :

MSVOA_N

ClientSampleId :

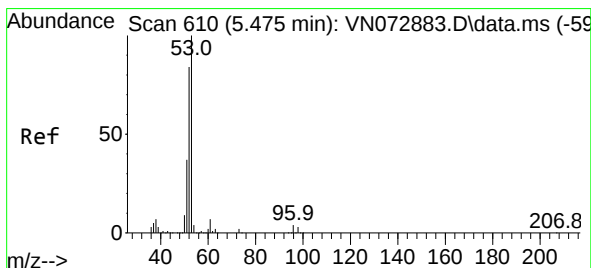
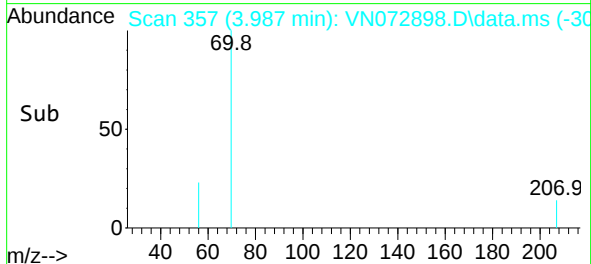
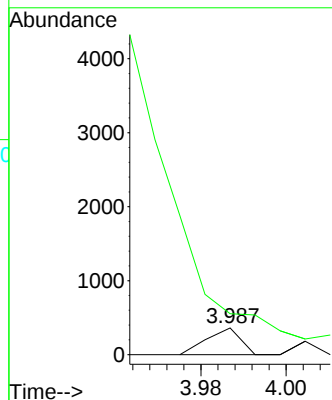


Tgt Ion: 56 Resp: 198

Ion Ratio Lower Upper

56 100

55 0.0 54.8 82.2#



#15

Acrylonitrile

Concen: 1.751 ug/l

RT: 5.528 min Scan# 619

Delta R.T. 0.053 min

Lab File: VN072898.D

Acq: 16 Jun 2022 23:16

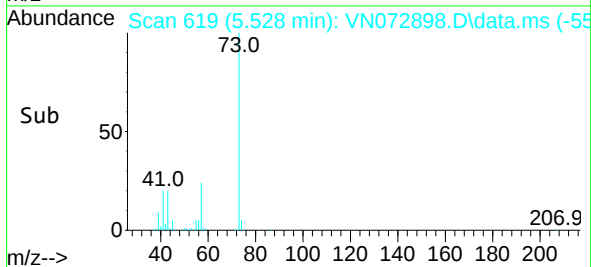
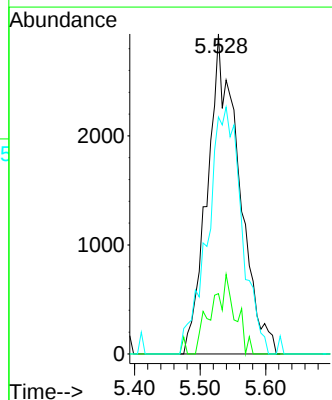
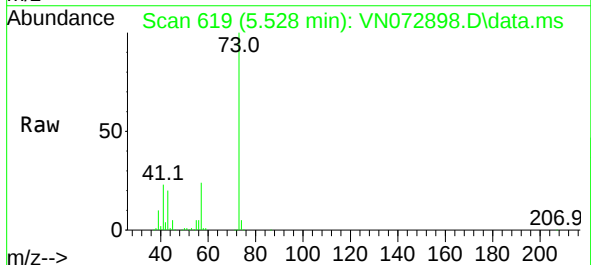
Tgt Ion: 53 Resp: 9862

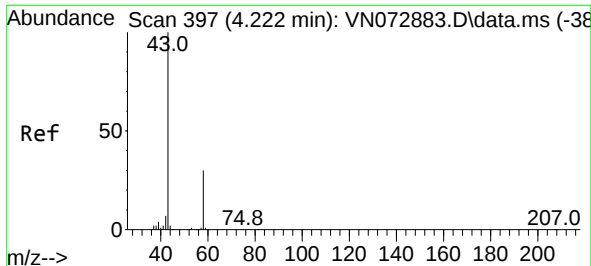
Ion Ratio Lower Upper

53 100

52 18.4 66.4 99.6#

51 82.7 28.5 42.7#

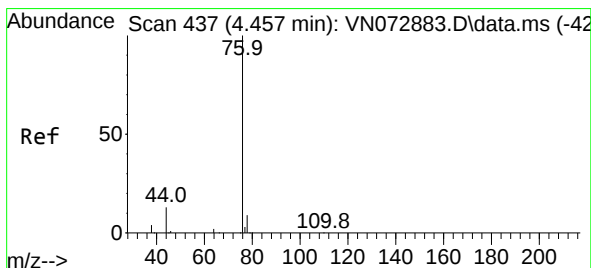
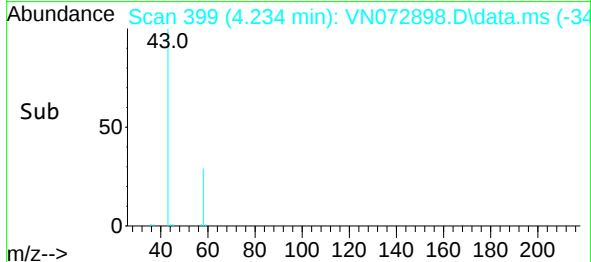
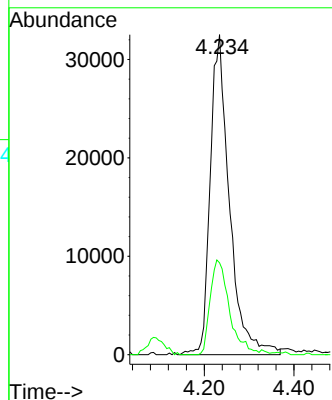
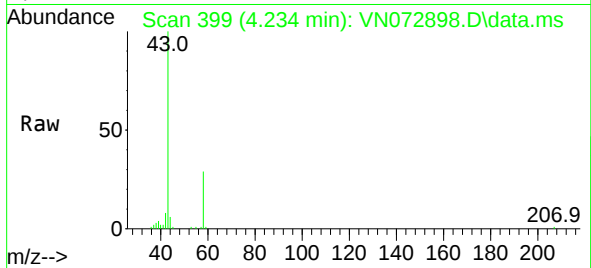




#16
Acetone
Concen: 19.239 ug/l
RT: 4.234 min Scan# 397
Delta R.T. 0.012 min
Lab File: VN072898.D
Acq: 16 Jun 2022 23:16

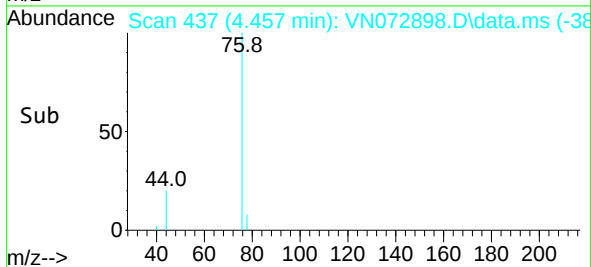
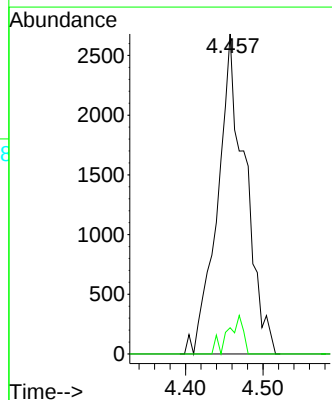
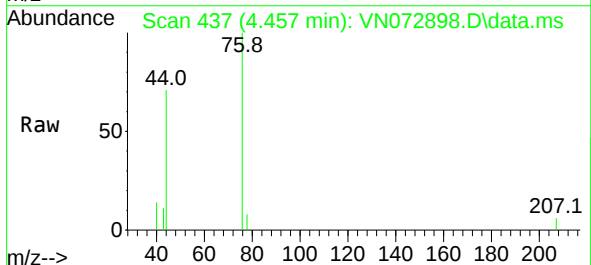
Instrument :
MSVOA_N
ClientSampleId :

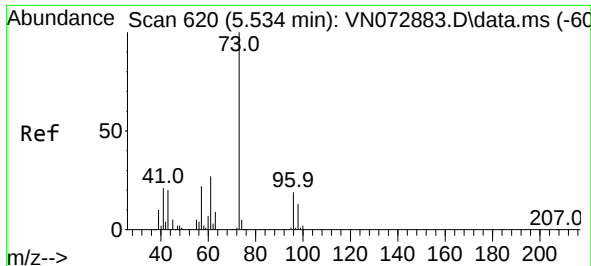
Tgt Ion: 43 Resp: 96776
Ion Ratio Lower Upper
43 100
58 28.7 26.0 39.0



#17
Carbon Disulfide
Concen: 0.327 ug/l
RT: 4.457 min Scan# 437
Delta R.T. 0.000 min
Lab File: VN072898.D
Acq: 16 Jun 2022 23:16

Tgt Ion: 76 Resp: 6666
Ion Ratio Lower Upper
76 100
78 8.2 7.2 10.8





#19

Methyl tert-butyl Ether

Concen: 35.936 ug/l

RT: 5.534 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN072898.D

Acq: 16 Jun 2022 23:16

Instrument :

MSVOA_N

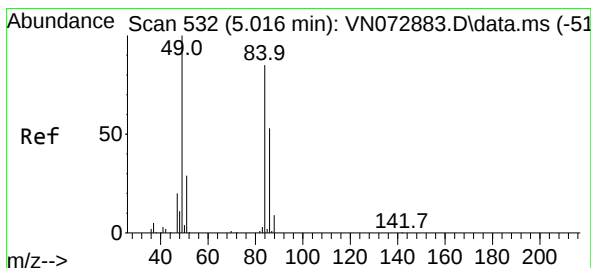
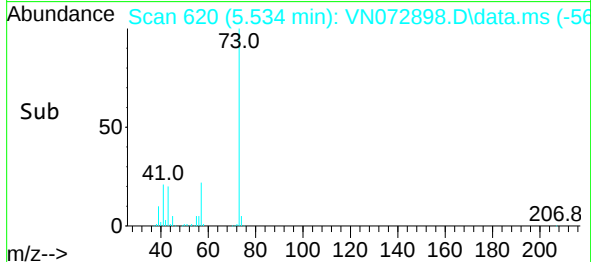
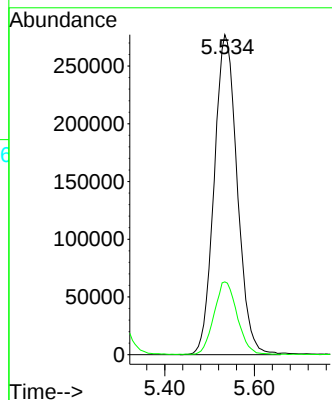
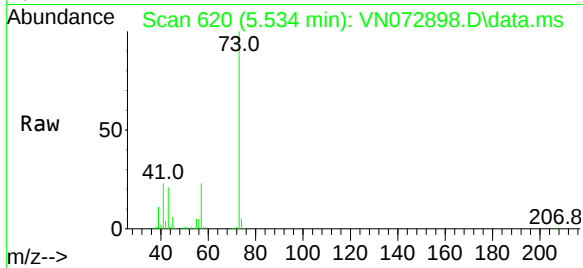
ClientSampleId :

Tgt Ion: 73 Resp: 989022

Ion Ratio Lower Upper

73 100

57 22.7 17.6 26.4



#20

Methylene Chloride

Concen: 0.264 ug/l

RT: 5.016 min Scan# 532

Delta R.T. 0.000 min

Lab File: VN072898.D

Acq: 16 Jun 2022 23:16

Tgt Ion: 84 Resp: 2378

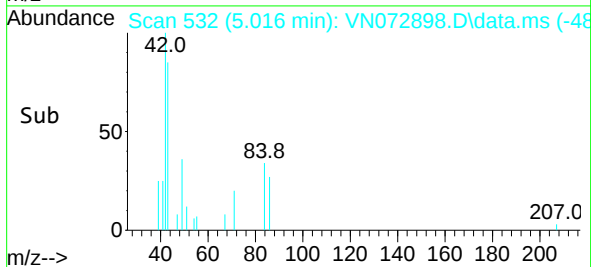
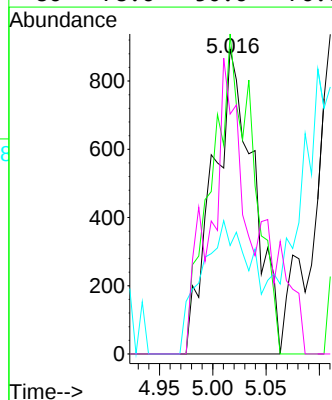
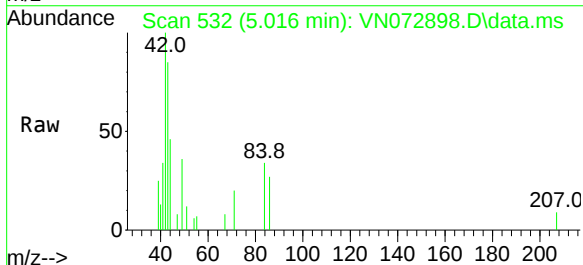
Ion Ratio Lower Upper

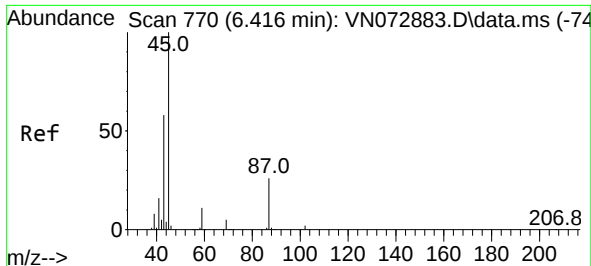
84 100

49 104.9 88.3 132.5

51 35.6 28.2 42.2

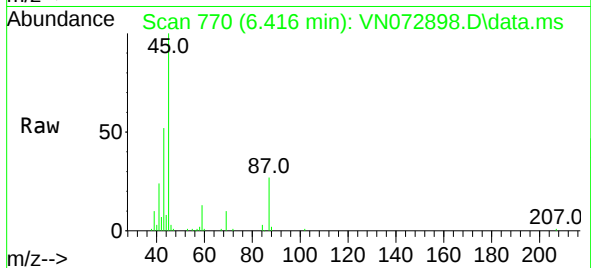
86 78.6 50.6 76.0#



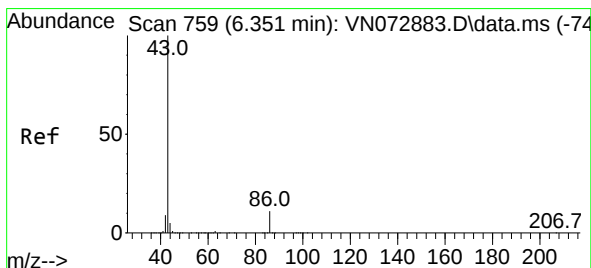
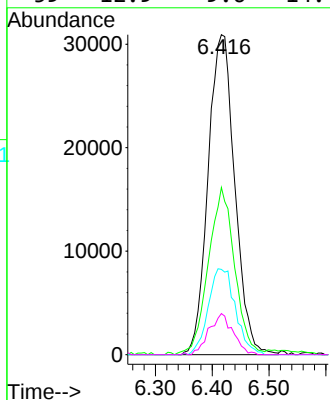
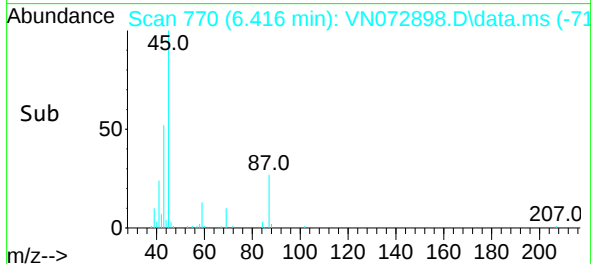


#22
Diisopropyl ether
Concen: 3.585 ug/l
RT: 6.416 min Scan# 770
Delta R.T. 0.000 min
Lab File: VN072898.D
Acq: 16 Jun 2022 23:16

Instrument :
MSVOA_N
ClientSampleId :

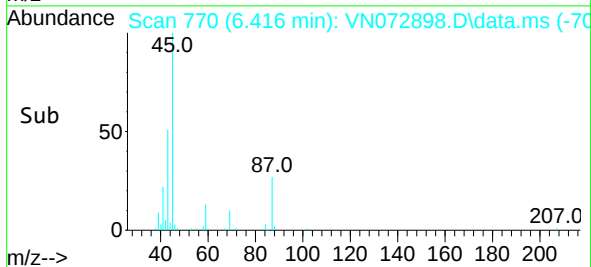
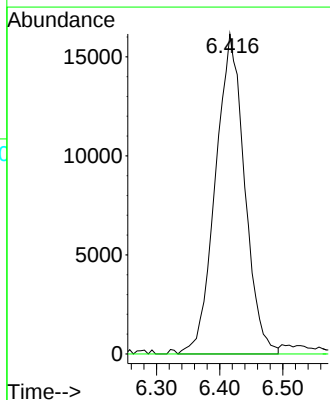
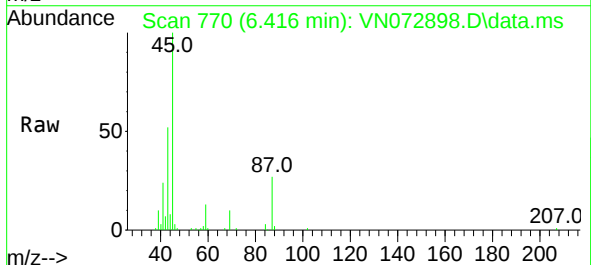


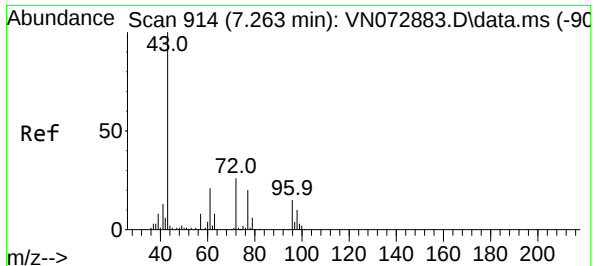
Tgt Ion:	45	Resp:	101047
Ion	Ratio	Lower	Upper
45	100		
43	51.7	46.6	70.0
87	26.7	24.3	36.5
59	12.9	9.6	14.4



#23
Vinyl Acetate
Concen: 2.024 ug/l
RT: 6.416 min Scan# 770
Delta R.T. 0.065 min
Lab File: VN072898.D
Acq: 16 Jun 2022 23:16

Tgt Ion:	43	Resp:	51871
Ion	Ratio	Lower	Upper
43	100		
86	0.0	10.0	15.0#





#25

2-Butanone

Concen: 5.484 ug/l

RT: 7.269 min Scan# 914

Delta R.T. 0.006 min

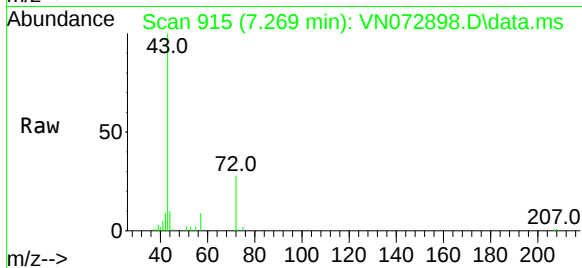
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Acq: 16 Jun 2022 23:16

Instrument :

MSVOA_N

ClientSampleId :

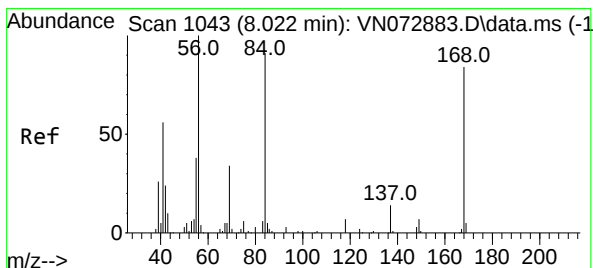
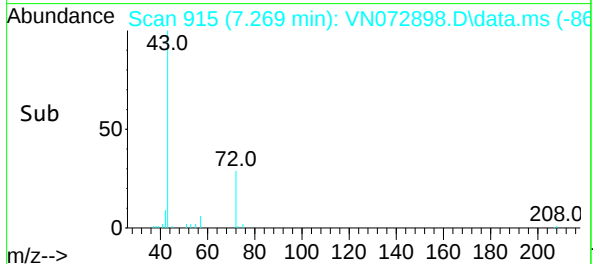
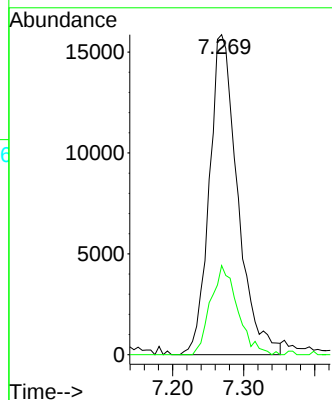


Tgt Ion: 43 Resp: 43938

Ion Ratio Lower Upper

43 100

72 27.9 23.7 35.5



#31

Cyclohexane

Concen: 3.958 ug/l

RT: 8.022 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VN072898.D

Acq: 16 Jun 2022 23:16

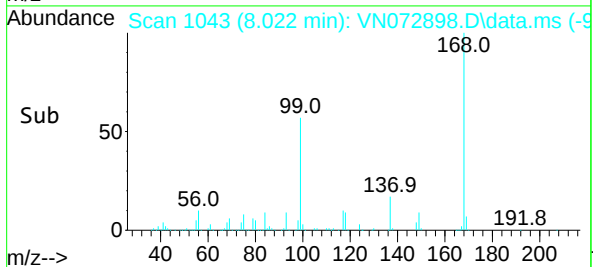
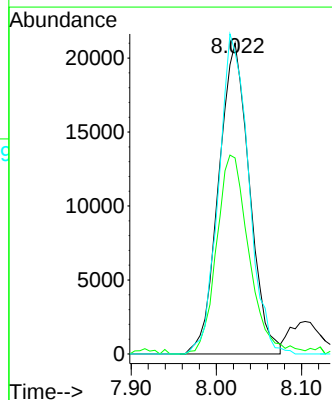
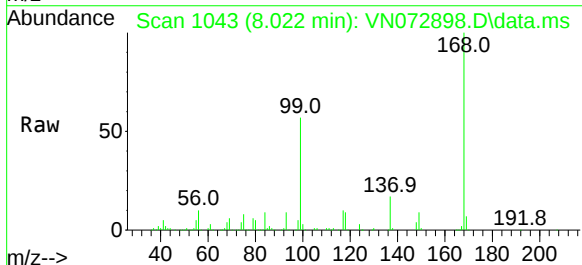
Tgt Ion: 56 Resp: 52878

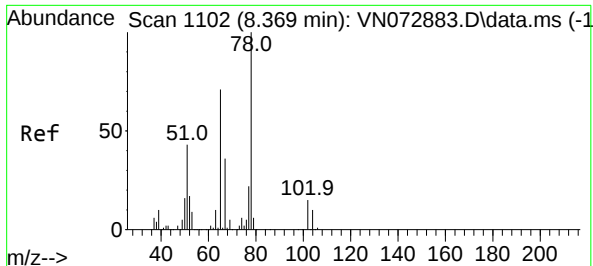
Ion Ratio Lower Upper

56 100

69 63.0 27.8 41.8#

84 97.1 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 43.340 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN072898.D

Acq: 16 Jun 2022 23:16

Instrument :

MSVOA_N

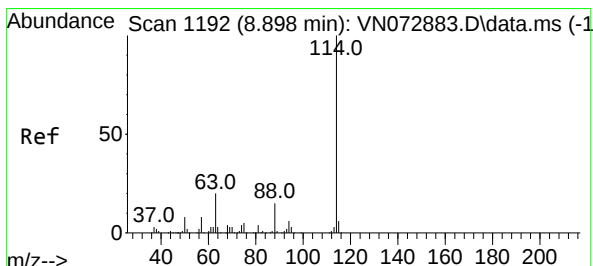
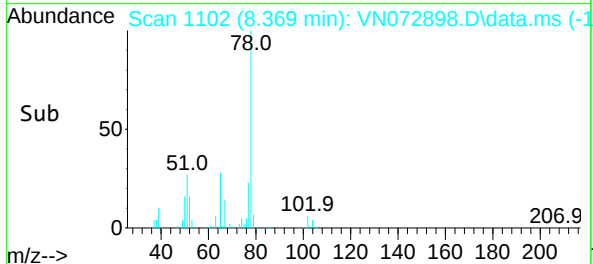
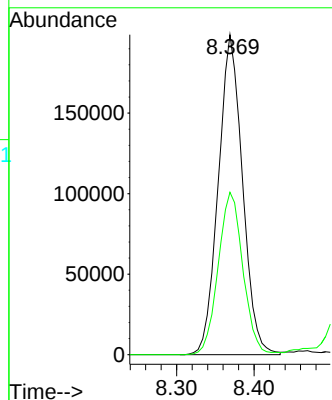
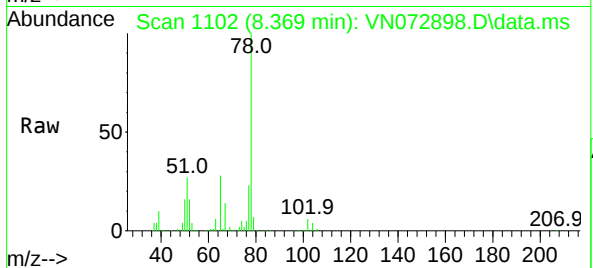
ClientSampleId :

Tgt Ion: 65 Resp: 431921

Ion Ratio Lower Upper

65 100

67 51.9 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. 0.000 min

Lab File: VN072898.D

Acq: 16 Jun 2022 23:16

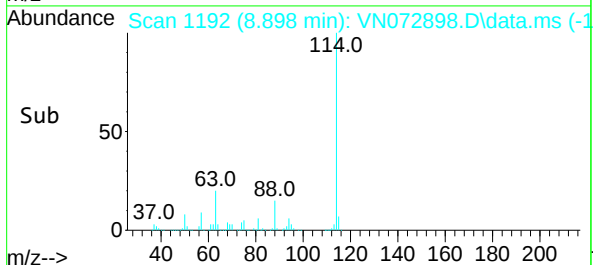
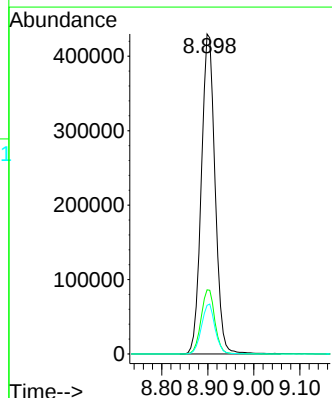
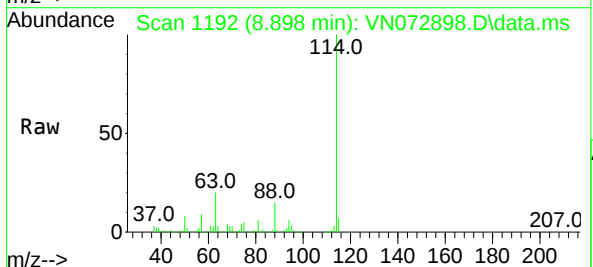
Tgt Ion: 114 Resp: 895559

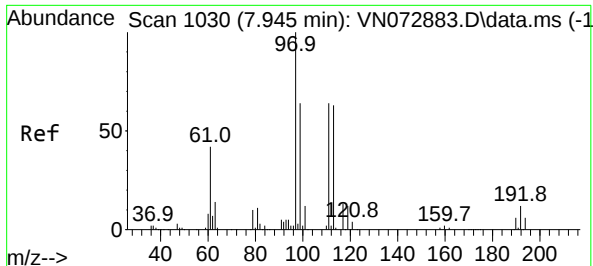
Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.0

88 15.2 0.0 32.6





#35

Dibromofluoromethane

Concen: 45.350 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.006 min

Lab File: VN072898.D

Acq: 16 Jun 2022 23:16

Instrument :

MSVOA_N

ClientSampleId :

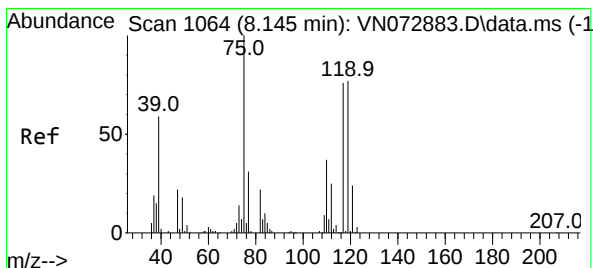
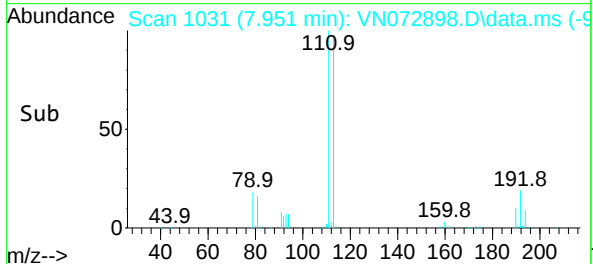
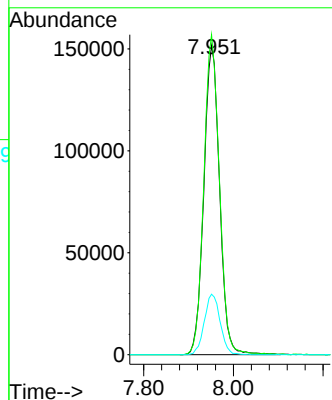
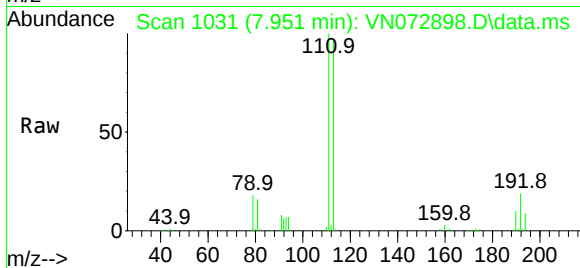
Tgt Ion:113 Resp: 368919

Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.0

192 19.7 17.0 25.6



#36

1,1-Dichloropropene

Concen: 3.582 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.129 min

Lab File: VN072898.D

Acq: 16 Jun 2022 23:16

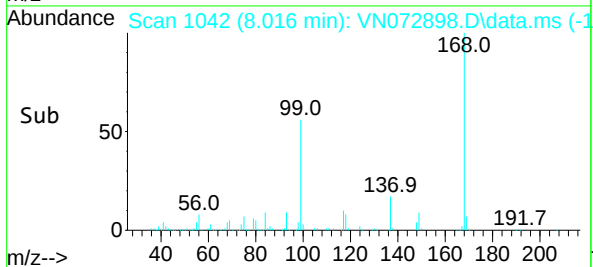
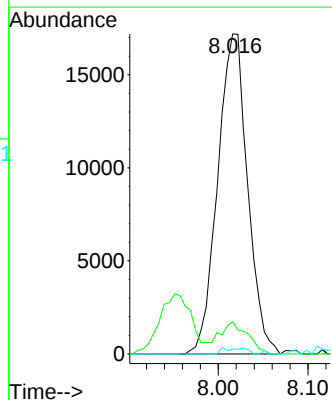
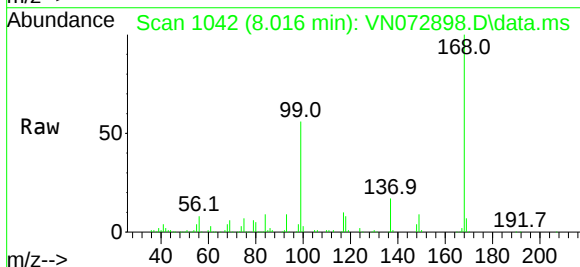
Tgt Ion: 75 Resp: 39792

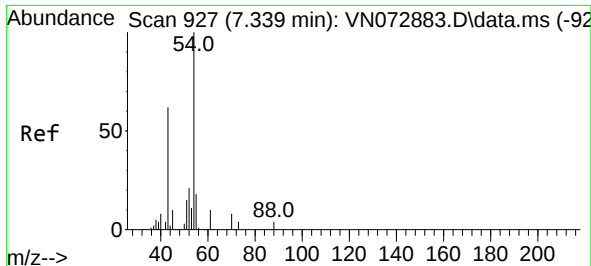
Ion Ratio Lower Upper

75 100

110 9.0 18.3 54.8#

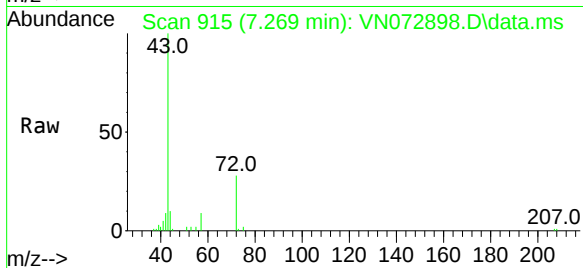
77 0.0 25.1 37.7#



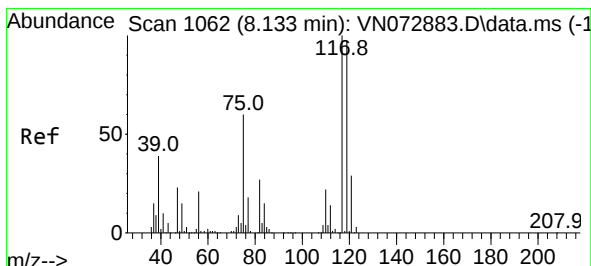
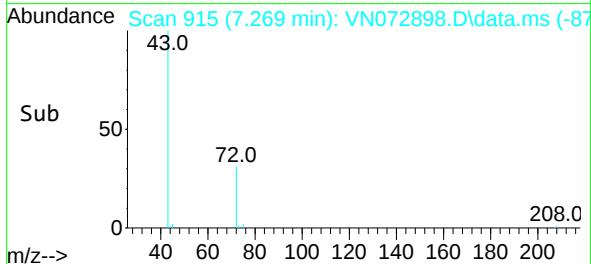
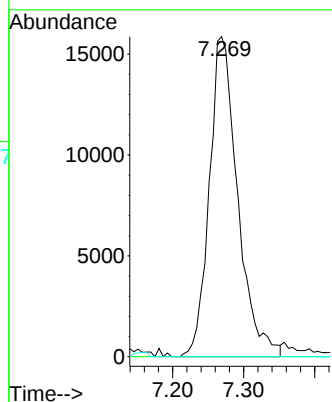


#37
Ethyl Acetate
Concen: 2.733 ug/l
RT: 7.269 min Scan# 915
Delta R.T. -0.070 min
Lab File: VN072898.D
Acq: 16 Jun 2022 23:16

Instrument :
MSVOA_N
ClientSampleId :

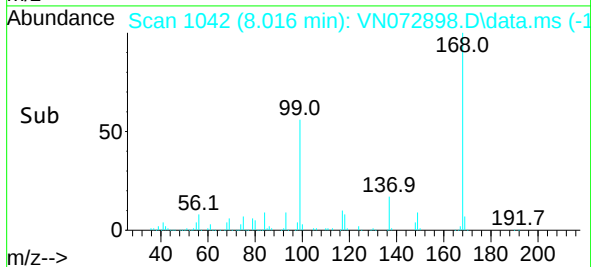
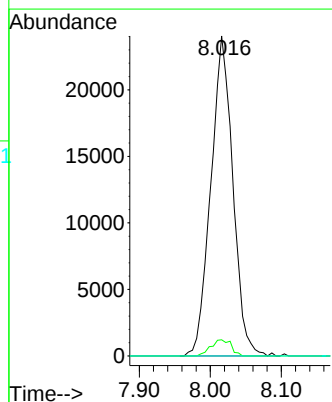
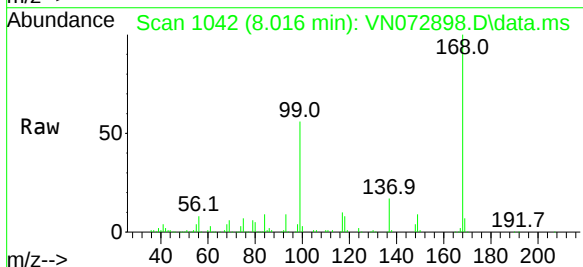


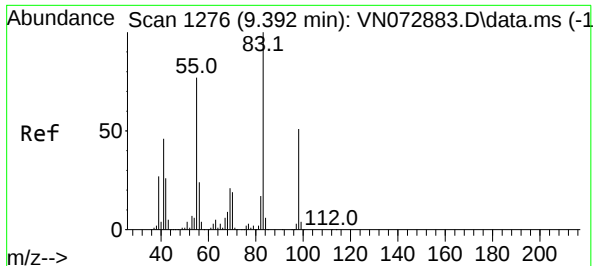
Tgt Ion: 43 Resp: 43938
Ion Ratio Lower Upper
43 100
61 0.0 11.8 17.6#
70 0.0 9.3 13.9#



#38
Carbon Tetrachloride
Concen: 4.332 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.117 min
Lab File: VN072898.D
Acq: 16 Jun 2022 23:16

Tgt Ion: 117 Resp: 51813
Ion Ratio Lower Upper
117 100
119 5.1 75.8 113.8#
121 0.0 24.6 37.0#





#39

Methylcyclohexane

Concen: 1.058 ug/l

RT: 9.392 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN072898.D

Acq: 16 Jun 2022 23:16

Instrument :

MSVOA_N

ClientSampleId :

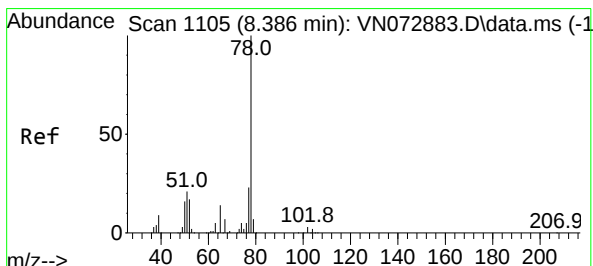
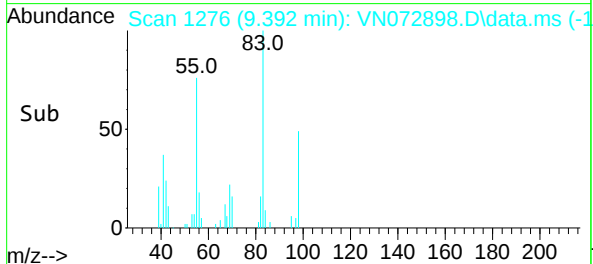
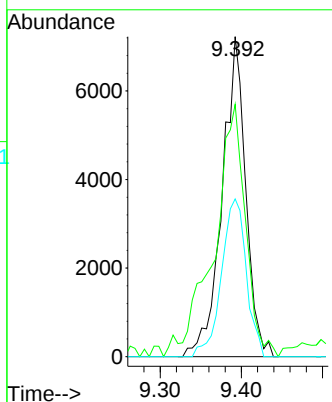
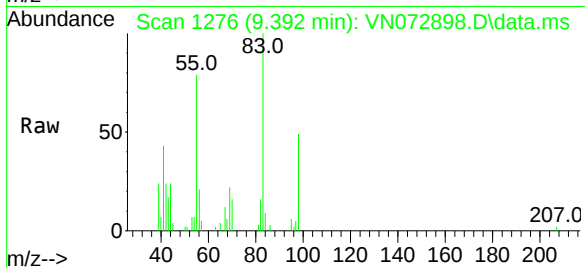
Tgt Ion: 83 Resp: 14583

Ion Ratio Lower Upper

83 100

55 78.8 57.8 86.8

98 49.3 39.4 59.2



#40

Benzene

Concen: 119.397 ug/l

RT: 8.387 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VN072898.D

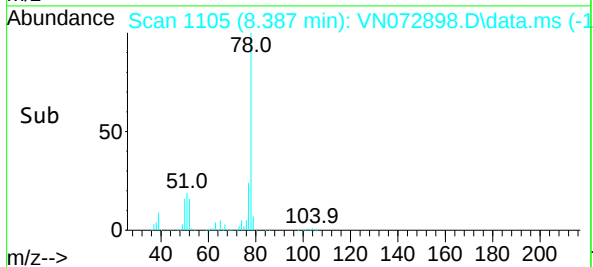
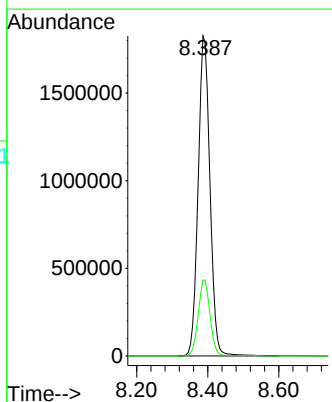
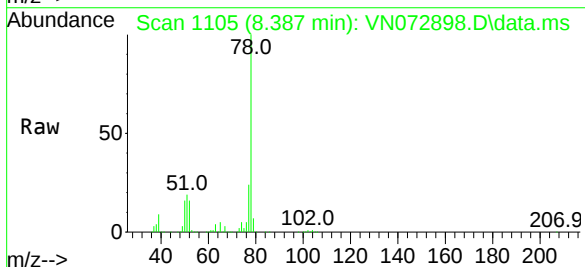
Acq: 16 Jun 2022 23:16

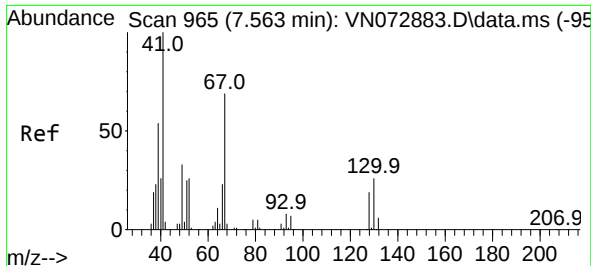
Tgt Ion: 78 Resp: 4226409

Ion Ratio Lower Upper

78 100

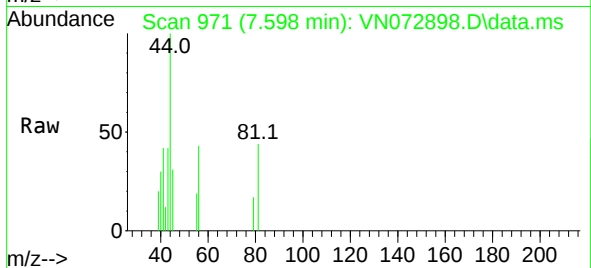
77 23.7 19.4 29.0



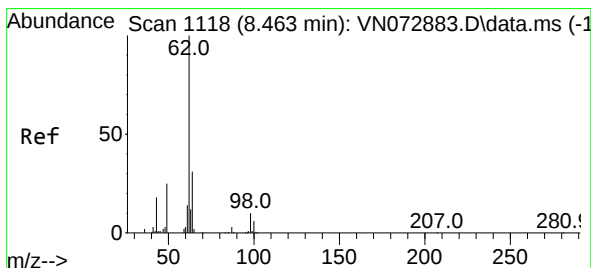
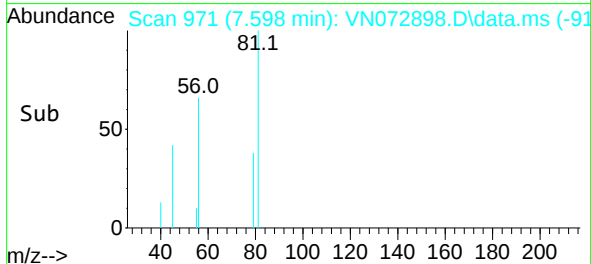
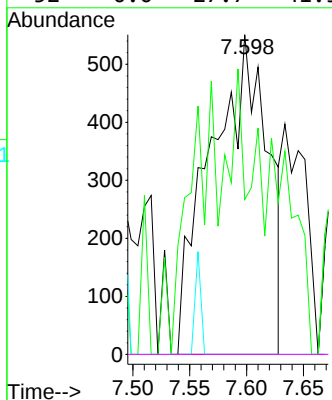


#41
Methacrylonitrile
Concen: 0.230 ug/l
RT: 7.598 min Scan# 91
Delta R.T. 0.036 min
Lab File: VN072898.D
Acq: 16 Jun 2022 23:16

Instrument :
MSVOA_N
ClientSampleId :

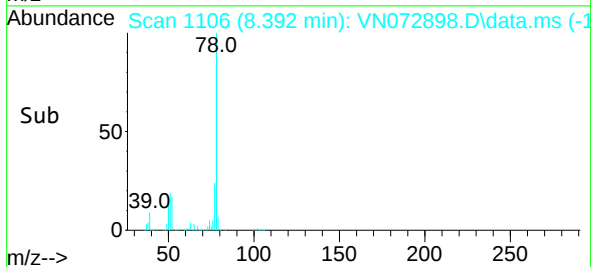
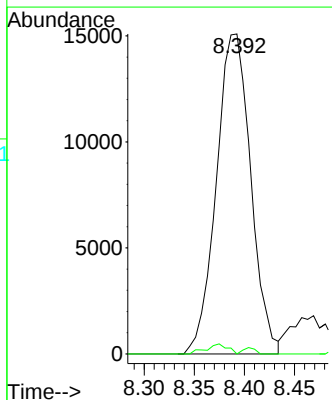
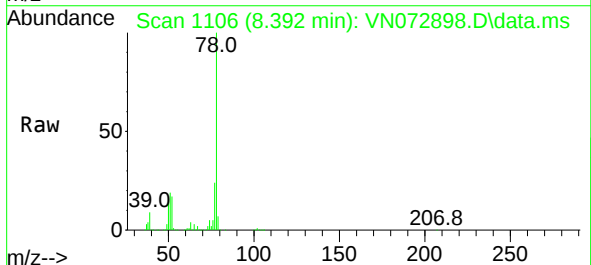


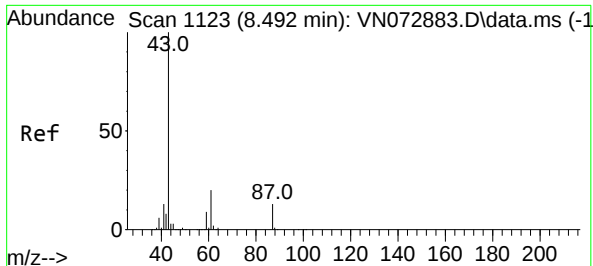
Tgt Ion: 41 Resp: 1925
Ion Ratio Lower Upper
41 100
39 0.0 48.6 73.0#
67 0.0 73.4 110.2#
52 0.0 27.7 41.5#



#42
1,2-Dichloroethane
Concen: 2.825 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. -0.070 min
Lab File: VN072898.D
Acq: 16 Jun 2022 23:16

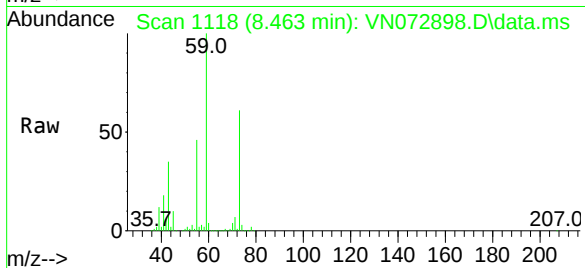
Tgt Ion: 62 Resp: 36062
Ion Ratio Lower Upper
62 100
98 0.7 0.0 19.4



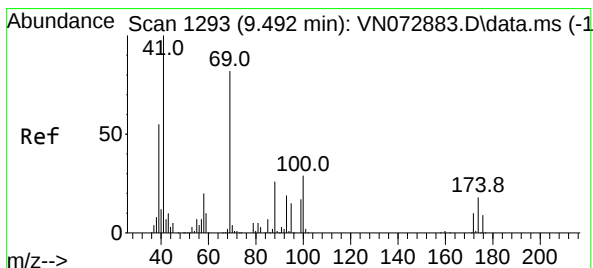
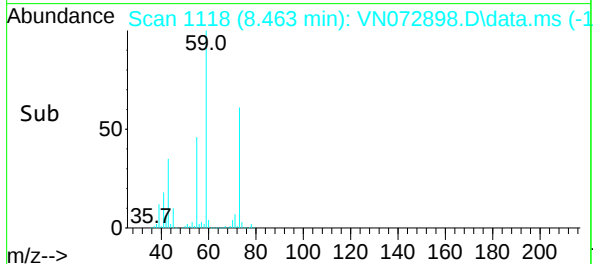
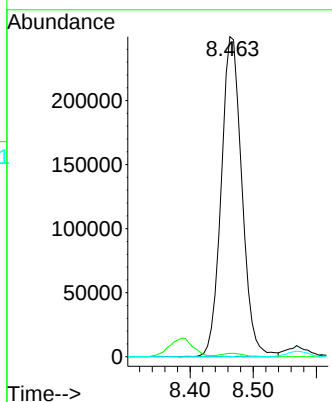


#43
Isopropyl Acetate
Concen: 22.727 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. -0.029 min
Lab File: VN072898.D
Acq: 16 Jun 2022 23:16

Instrument :
MSVOA_N
ClientSampleId :

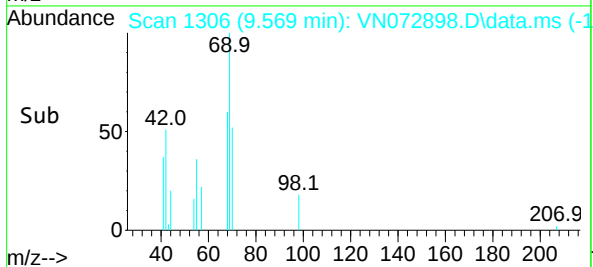
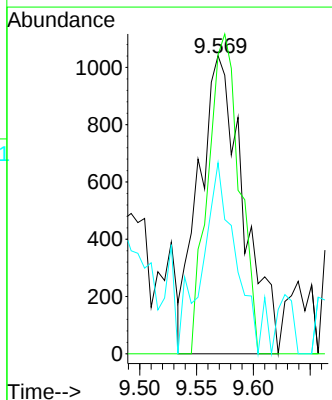
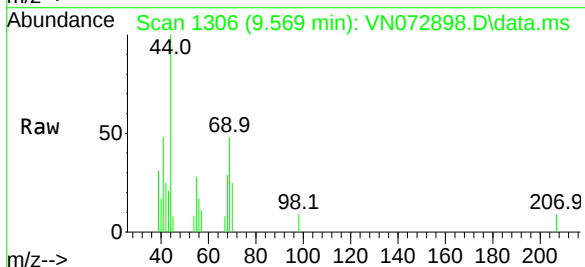


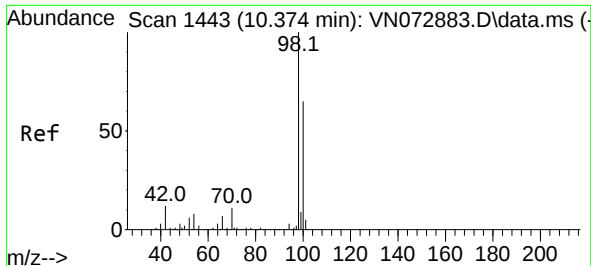
Tgt Ion: 43 Resp: 568744
Ion Ratio Lower Upper
43 100
61 1.2 21.9 32.9#
87 0.0 12.0 18.0#



#48
Methyl methacrylate
Concen: 0.248 ug/l
RT: 9.569 min Scan# 1306
Delta R.T. 0.077 min
Lab File: VN072898.D
Acq: 16 Jun 2022 23:16

Tgt Ion: 41 Resp: 2831
Ion Ratio Lower Upper
41 100
69 76.1 74.7 112.1
39 47.0 45.6 68.4

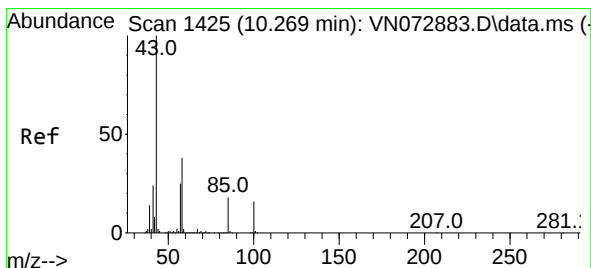
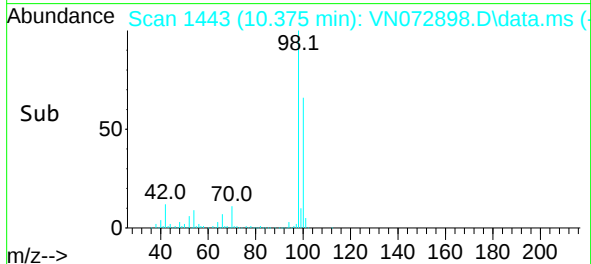
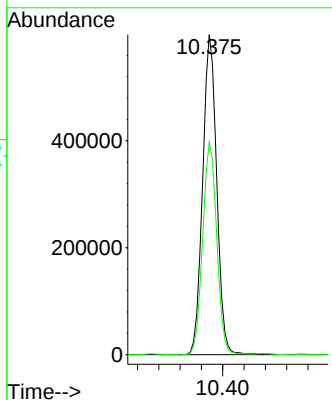
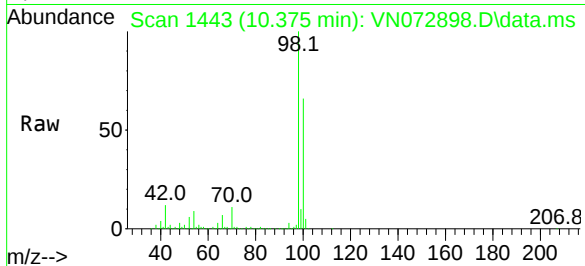




#50
Toluene-d8
Concen: 34.482 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN072898.D
Acq: 16 Jun 2022 23:16

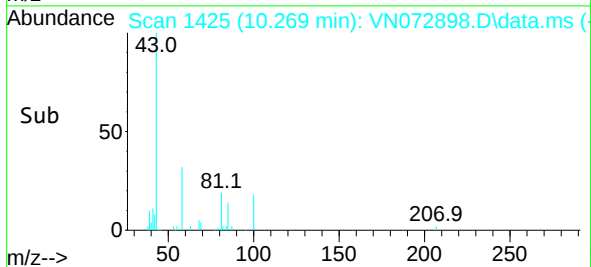
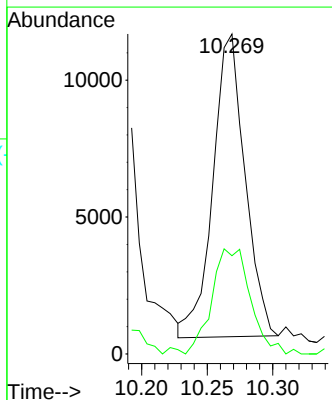
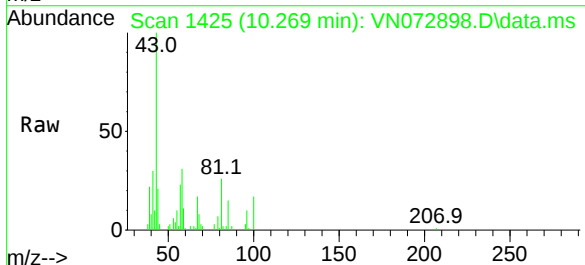
Instrument :
MSVOA_N
ClientSampleId :

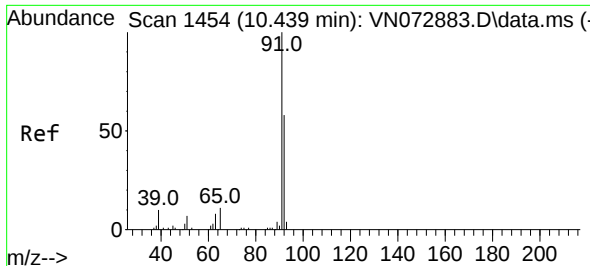
Tgt Ion: 98 Resp: 1097982
Ion Ratio Lower Upper
98 100
100 66.6 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 1.161 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VN072898.D
Acq: 16 Jun 2022 23:16

Tgt Ion: 43 Resp: 18796
Ion Ratio Lower Upper
43 100
58 41.8 34.1 51.1

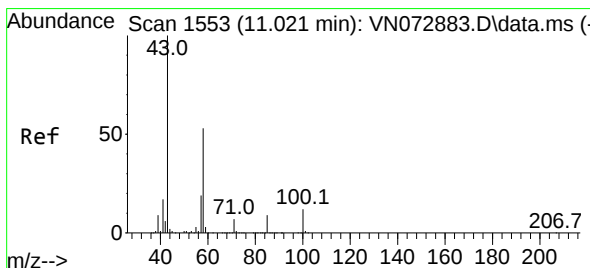
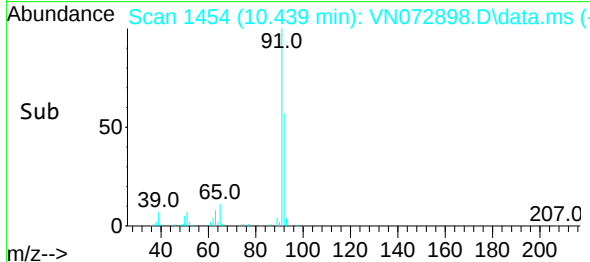
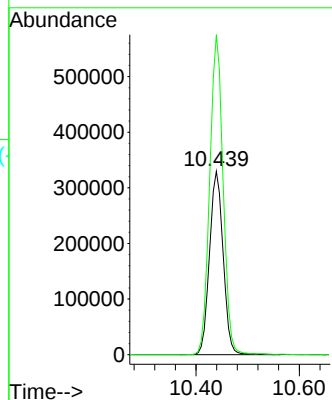
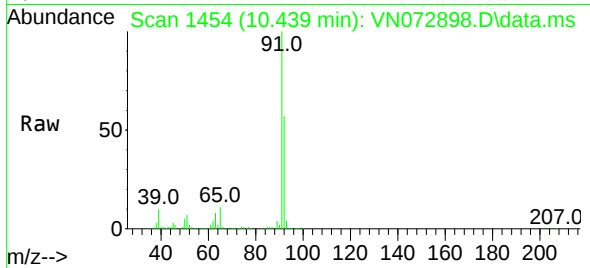




#52
Toluene
Concen: 26.328 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN072898.D
Acq: 16 Jun 2022 23:16

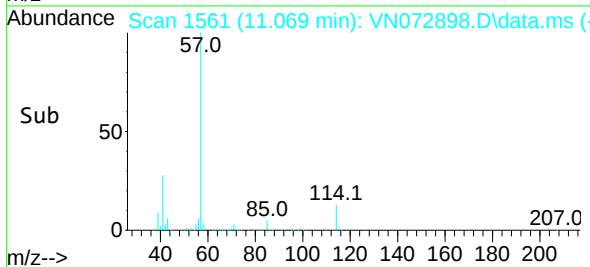
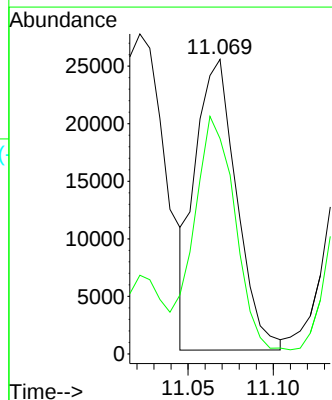
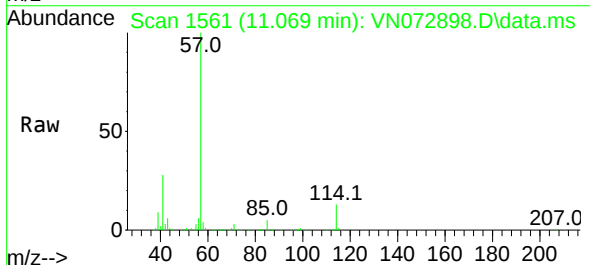
Instrument :
MSVOA_N
ClientSampleId :

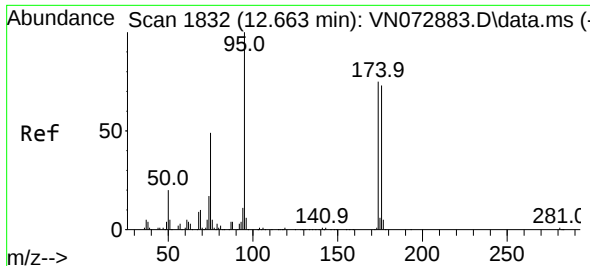
Tgt Ion: 92 Resp: 603120
Ion Ratio Lower Upper
92 100
91 171.1 138.6 207.8



#59
2-Hexanone
Concen: 3.523 ug/l
RT: 11.069 min Scan# 1561
Delta R.T. 0.047 min
Lab File: VN072898.D
Acq: 16 Jun 2022 23:16

Tgt Ion: 43 Resp: 42350
Ion Ratio Lower Upper
43 100
58 82.7 29.7 89.1

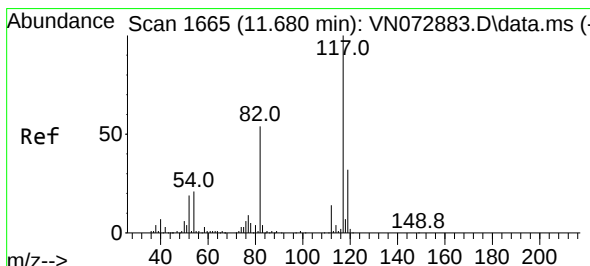
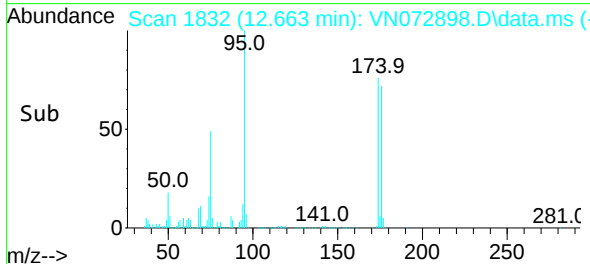
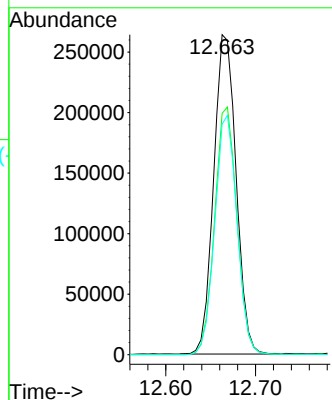
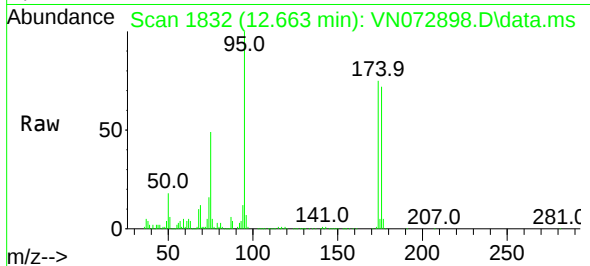




#62
4-Bromofluorobenzene
Concen: 41.445 ug/l
RT: 12.663 min Scan# 1832
Delta R.T. 0.000 min
Lab File: VN072898.D
Acq: 16 Jun 2022 23:16

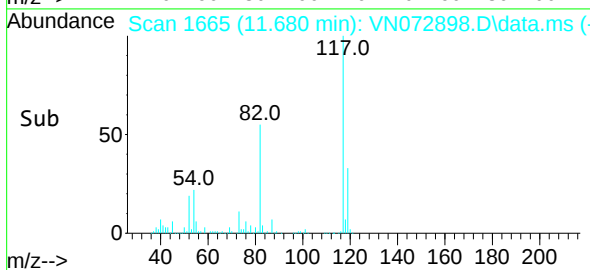
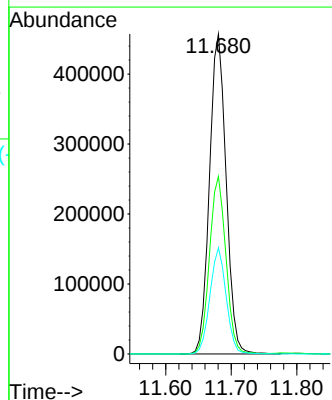
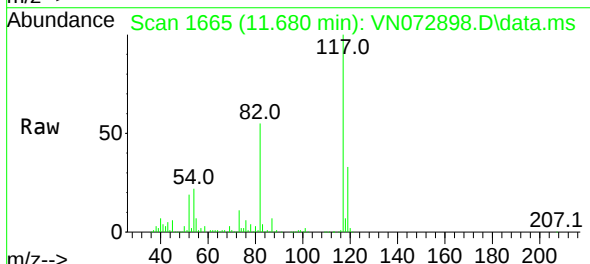
Instrument :
MSVOA_N
ClientSampleId :

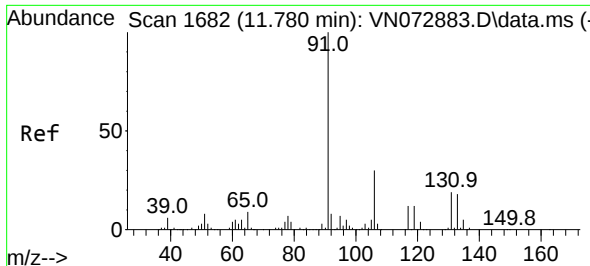
Tgt Ion: 95 Resp: 457800
Ion Ratio Lower Upper
95 100
174 77.1 0.0 167.6
176 74.4 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN072898.D
Acq: 16 Jun 2022 23:16

Tgt Ion: 117 Resp: 806770
Ion Ratio Lower Upper
117 100
82 55.5 44.2 66.2
119 33.2 25.4 38.0

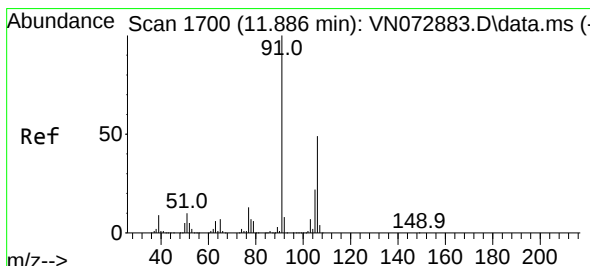
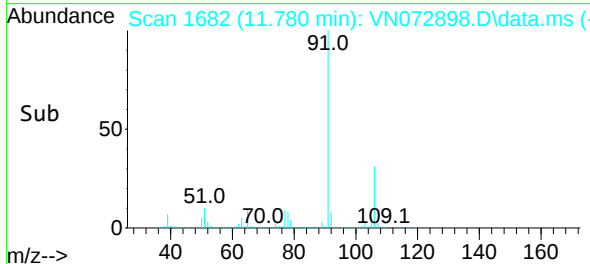
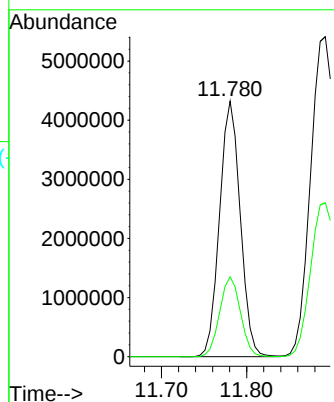
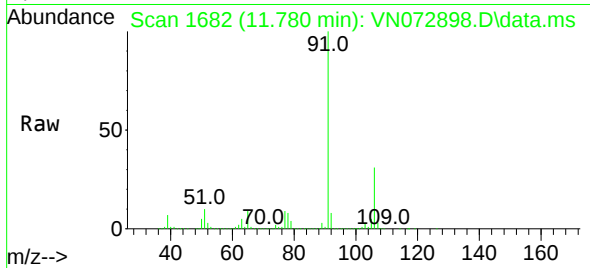




#67
Ethyl Benzene
Concen: 194.150 ug/l
RT: 11.780 min Scan# 110
Delta R.T. 0.000 min
Lab File: VN072898.D
Acq: 16 Jun 2022 23:16

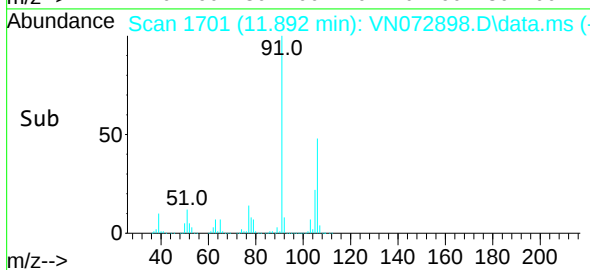
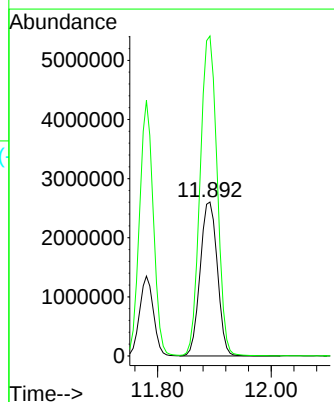
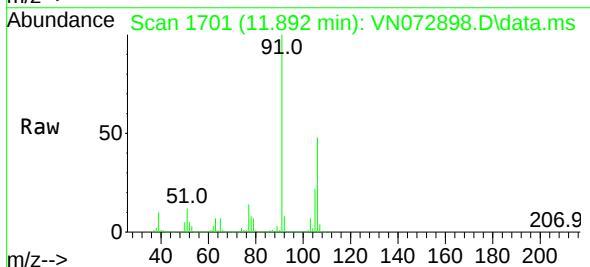
Instrument :
MSVOA_N
ClientSampleId :

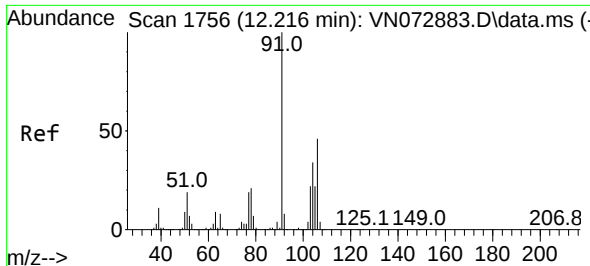
Tgt Ion: 91 Resp: 7293939
Ion Ratio Lower Upper
91 100
106 31.2 24.9 37.3



#68
m/p-Xylenes
Concen: 378.503 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN072898.D
Acq: 16 Jun 2022 23:16

Tgt Ion:106 Resp: 5459887
Ion Ratio Lower Upper
106 100
91 205.7 158.9 238.3

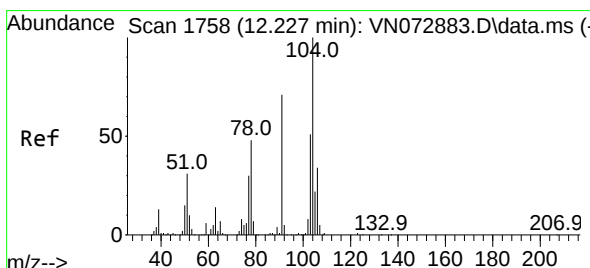
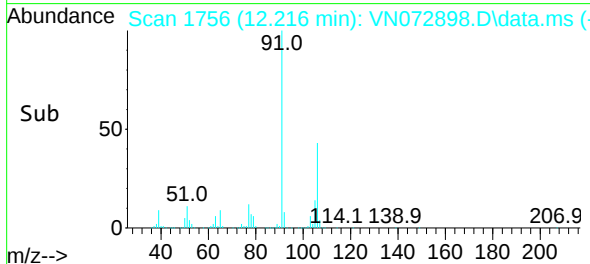
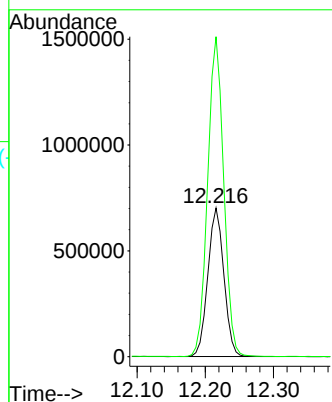
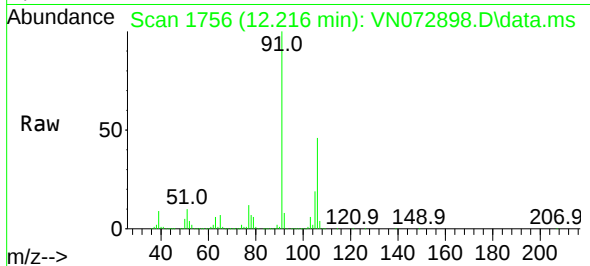




#69
o-Xylene
Concen: 77.583 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. 0.000 min
Lab File: VN072898.D
Acq: 16 Jun 2022 23:16

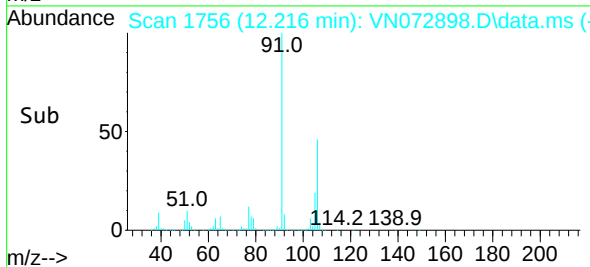
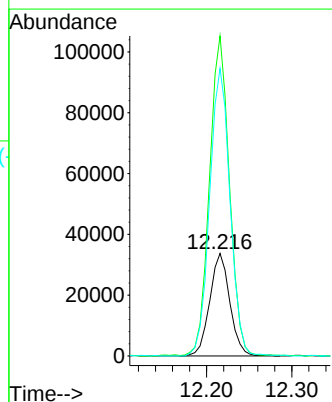
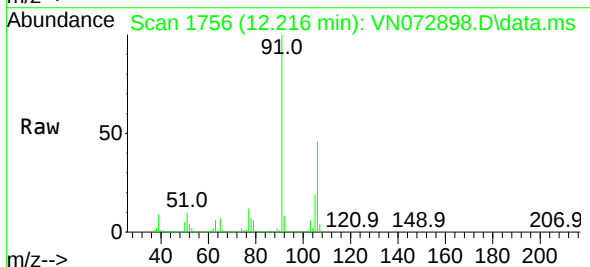
Instrument :
MSVOA_N
ClientSampleId :

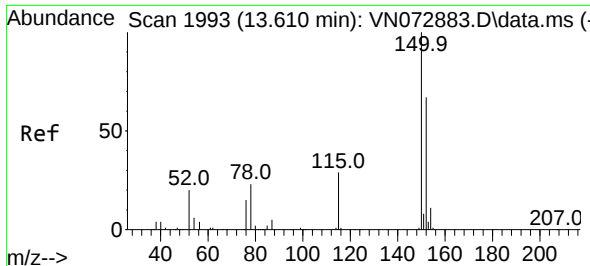
Tgt Ion:106 Resp: 1148211
Ion Ratio Lower Upper
106 100
91 215.4 106.0 318.0



#70
Styrene
Concen: 2.409 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. -0.012 min
Lab File: VN072898.D
Acq: 16 Jun 2022 23:16

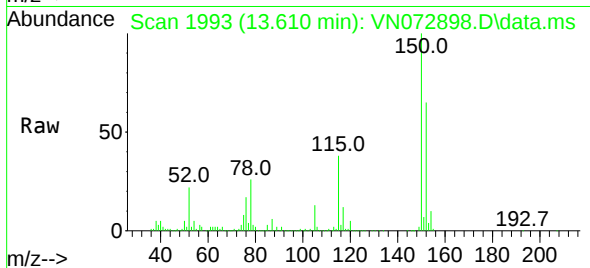
Tgt Ion:104 Resp: 55179
Ion Ratio Lower Upper
104 100
78 307.6 39.5 59.3#
103 284.7 44.0 66.0#



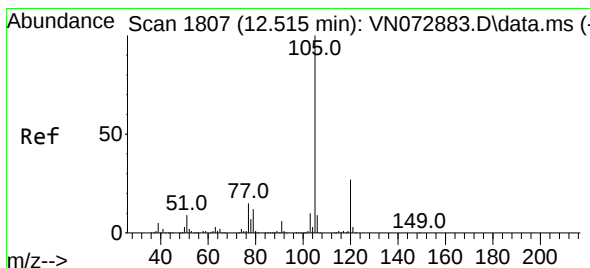
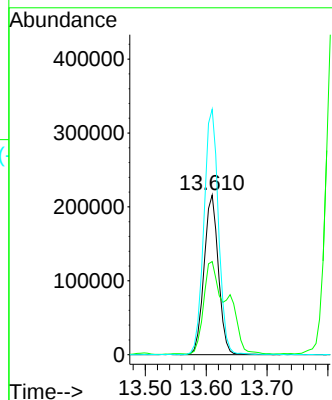
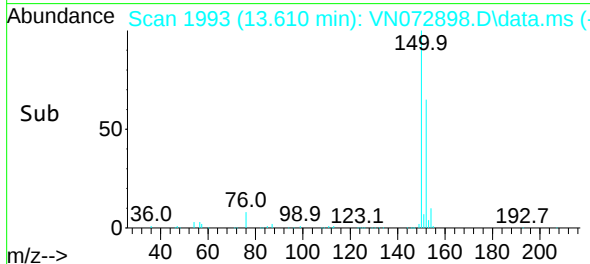


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VN072898.D
Acq: 16 Jun 2022 23:16

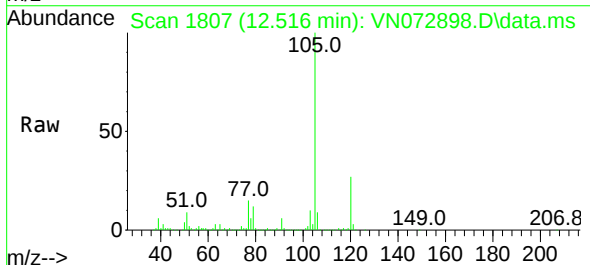
Instrument :
MSVOA_N
ClientSampleId :



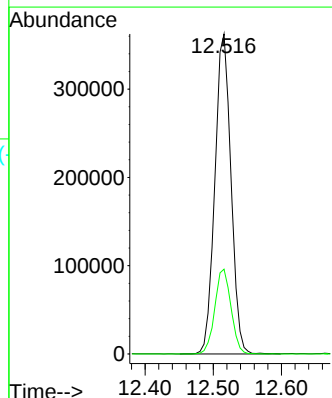
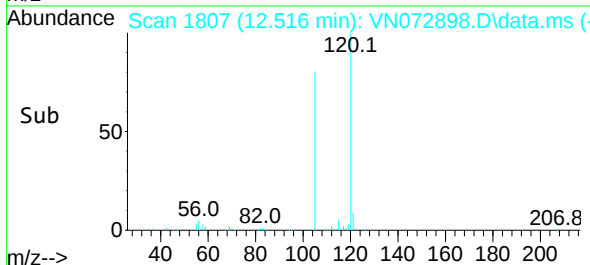
Tgt Ion:152 Resp: 353907
Ion Ratio Lower Upper
152 100
115 65.1 28.9 86.7
150 156.4 0.0 356.2

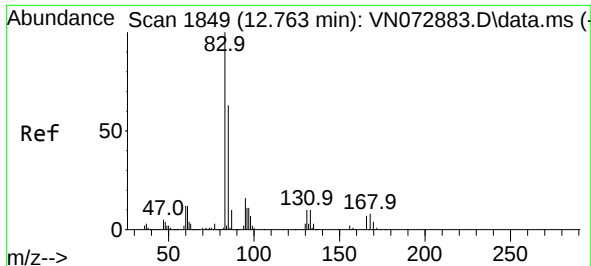


#73
Isopropylbenzene
Concen: 17.638 ug/l
RT: 12.516 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN072898.D
Acq: 16 Jun 2022 23:16



Tgt Ion:105 Resp: 595298
Ion Ratio Lower Upper
105 100
120 26.7 13.5 40.4

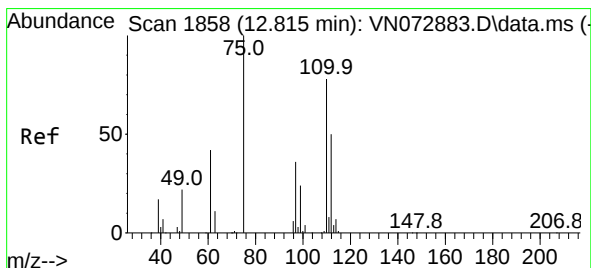
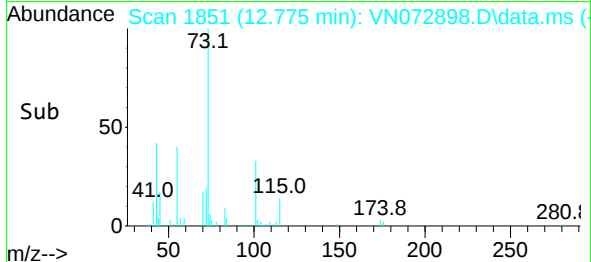
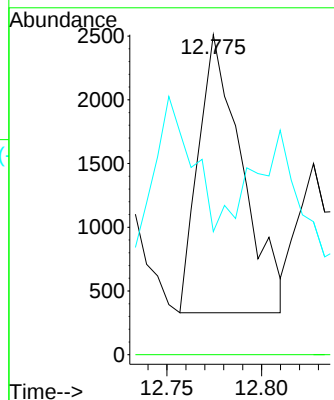
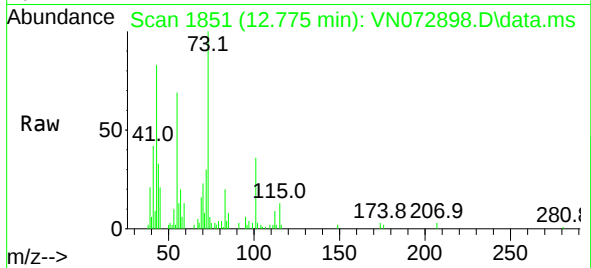




#75
1,1,2,2-Tetrachloroethane
Concen: 0.318 ug/l
RT: 12.775 min Scan# 1849
Delta R.T. 0.012 min
Lab File: VN072898.D
Acq: 16 Jun 2022 23:16

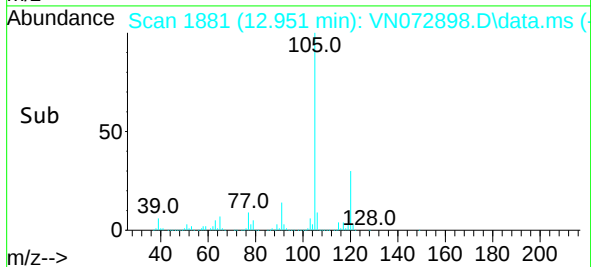
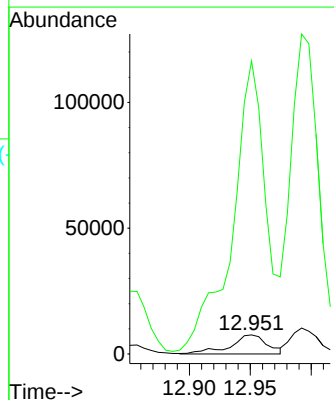
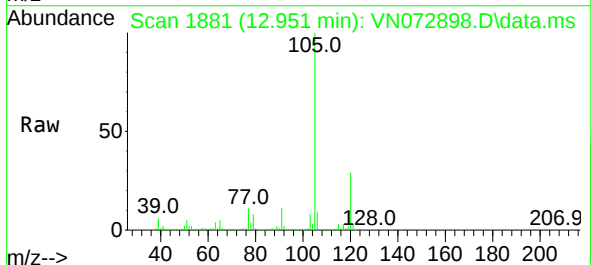
Instrument :
MSVOA_N
ClientSampleId :

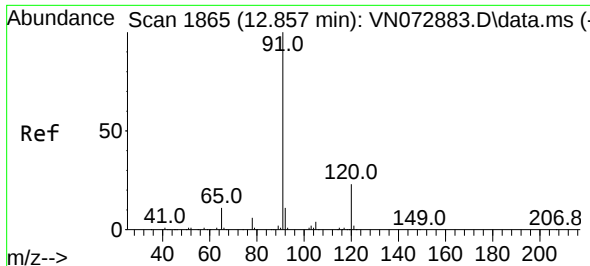
Tgt Ion: 83 Resp: 3506
Ion Ratio Lower Upper
83 100
131 0.0 5.3 15.9#
85 0.0 32.3 96.9#



#76
1,2,3-Trichloropropane
Concen: 1.517 ug/l
RT: 12.951 min Scan# 1881
Delta R.T. 0.136 min
Lab File: VN072898.D
Acq: 16 Jun 2022 23:16

Tgt Ion: 75 Resp: 15959
Ion Ratio Lower Upper
75 100
77 1414.5 98.5 295.5#

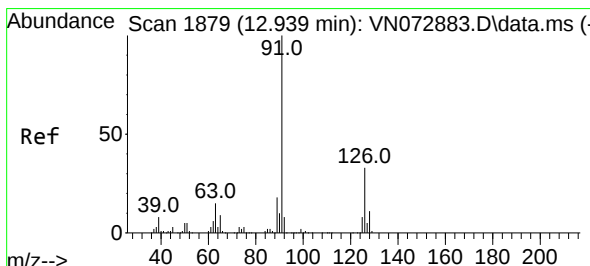
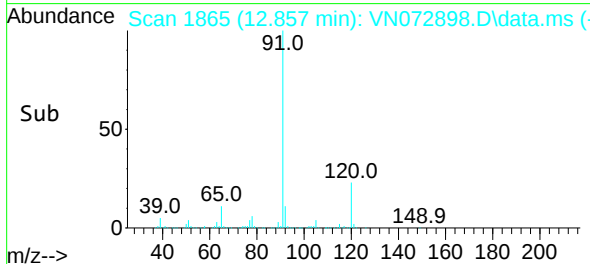
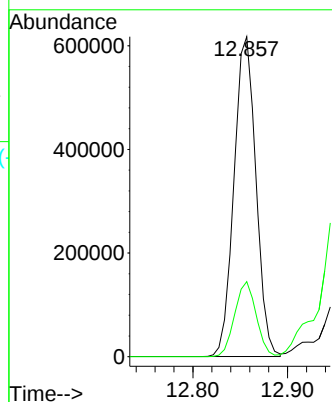
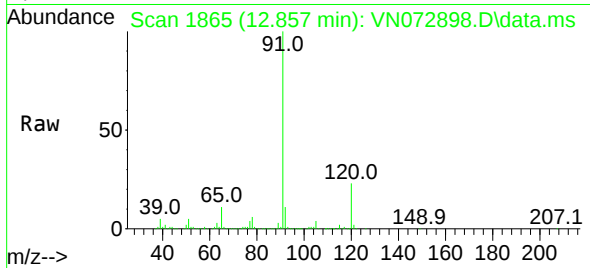




#78
n-propylbenzene
Concen: 28.170 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VN072898.D
Acq: 16 Jun 2022 23:16

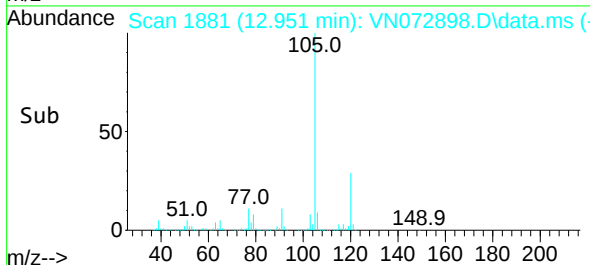
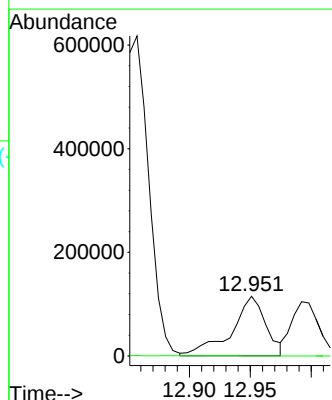
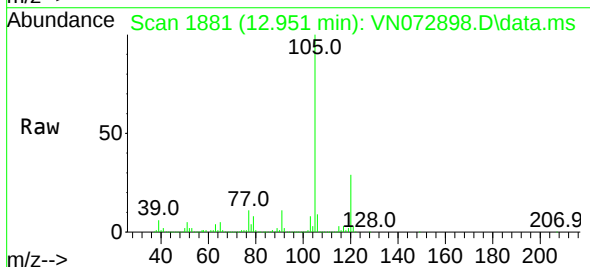
Instrument :
MSVOA_N
ClientSampleId :

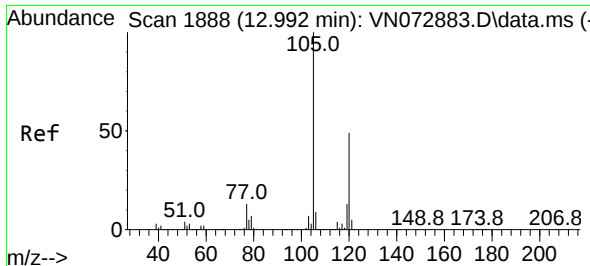
Tgt Ion: 91 Resp: 991555
Ion Ratio Lower Upper
91 100
120 23.0 11.9 35.5



#79
2-Chlorotoluene
Concen: 9.842 ug/l
RT: 12.951 min Scan# 1881
Delta R.T. 0.012 min
Lab File: VN072898.D
Acq: 16 Jun 2022 23:16

Tgt Ion: 91 Resp: 225069
Ion Ratio Lower Upper
91 100
126 0.0 17.3 51.9#

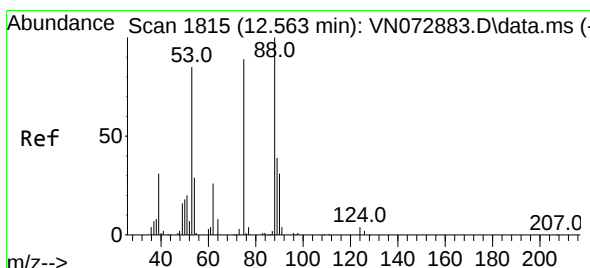
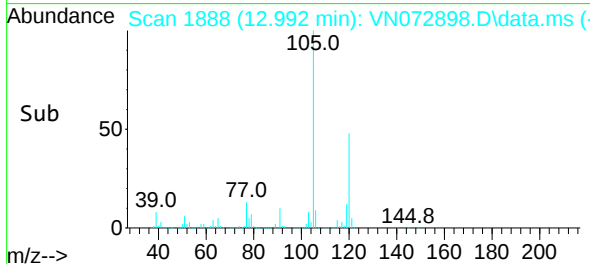
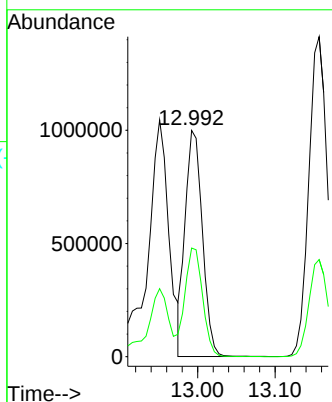
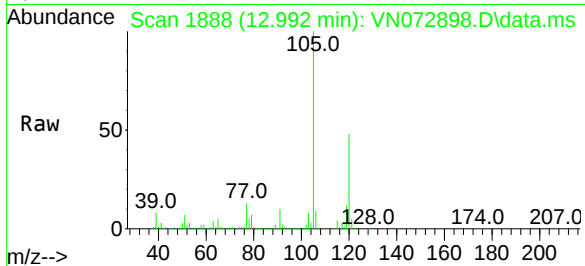




#80
 1,3,5-Trimethylbenzene
 Concen: 57.037 ug/l
 RT: 12.992 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VN072898.D
 Acq: 16 Jun 2022 23:16

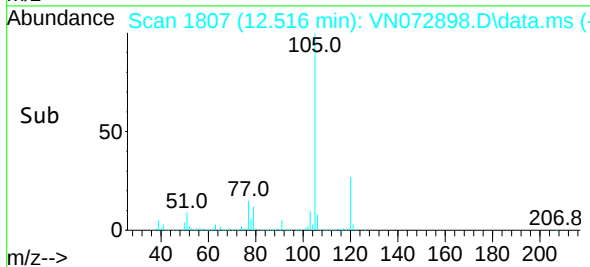
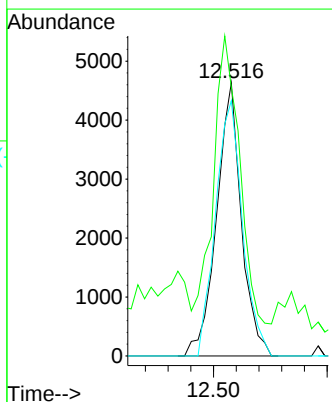
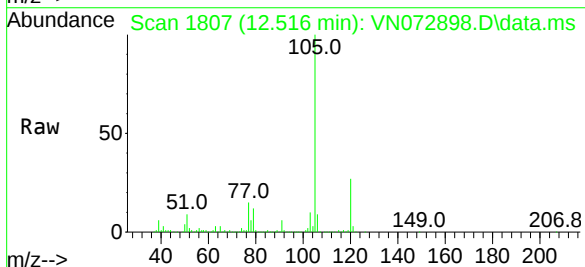
Instrument :
 MSVOA_N
 ClientSampleId :

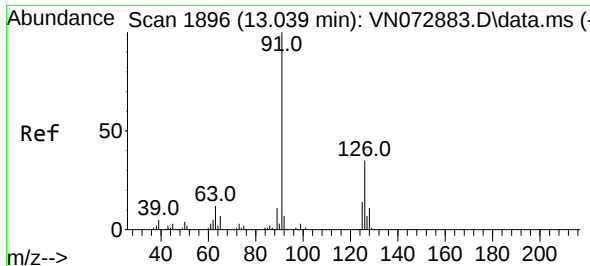
Tgt Ion:105 Resp: 1542675
 Ion Ratio Lower Upper
 105 100
 120 50.7 24.9 74.7



#81
 trans-1,4-Dichloro-2-butene
 Concen: 1.895 ug/l
 RT: 12.516 min Scan# 1807
 Delta R.T. -0.047 min
 Lab File: VN072898.D
 Acq: 16 Jun 2022 23:16

Tgt Ion: 75 Resp: 6999
 Ion Ratio Lower Upper
 75 100
 53 121.5 78.0 117.0#
 89 101.9 37.2 55.8#

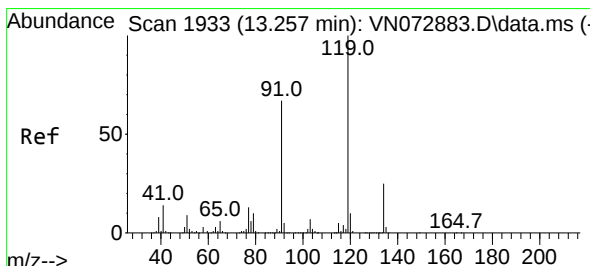
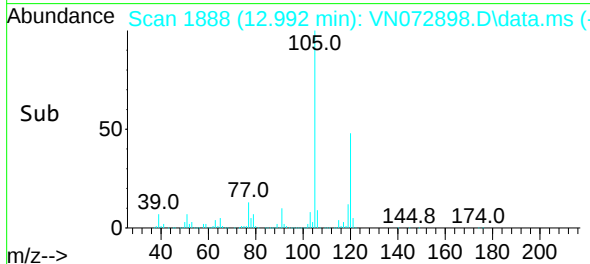
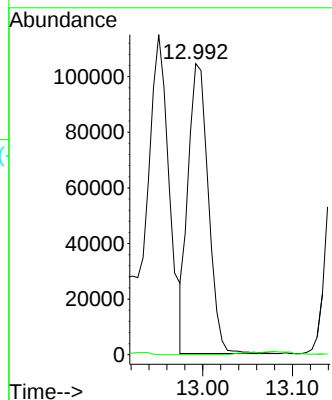
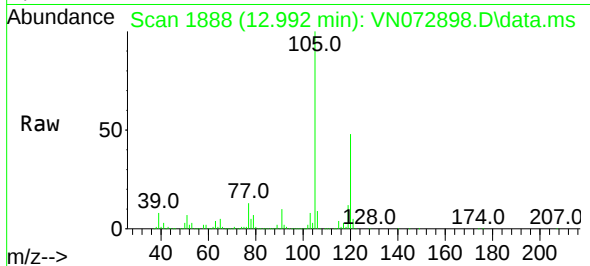




#82
4-Chlorotoluene
Concen: 7.703 ug/l
RT: 12.992 min Scan# 11
Delta R.T. -0.047 min
Lab File: VN072898.D
Acq: 16 Jun 2022 23:16

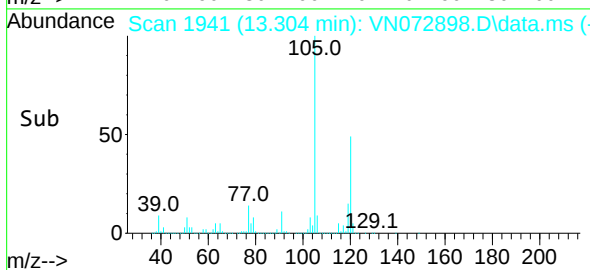
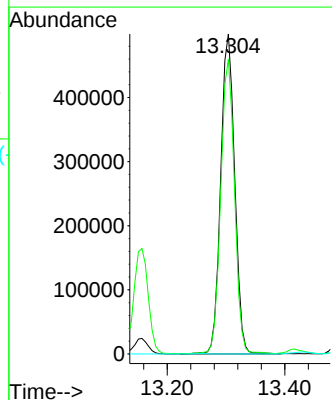
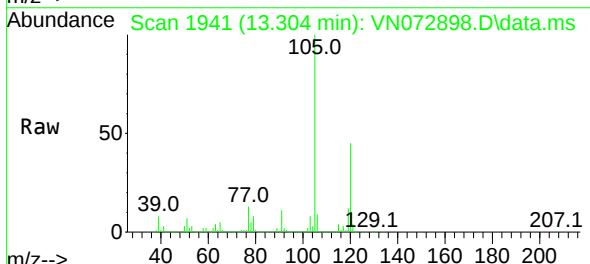
Instrument :
MSVOA_N
ClientSampleId :

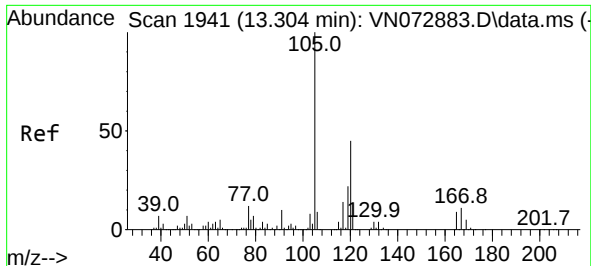
Tgt Ion: 91 Resp: 162873
Ion Ratio Lower Upper
91 100
126 0.0 17.2 51.6#



#83
tert-Butylbenzene
Concen: 34.141 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. 0.047 min
Lab File: VN072898.D
Acq: 16 Jun 2022 23:16

Tgt Ion: 119 Resp: 826535
Ion Ratio Lower Upper
119 100
91 90.5 31.6 94.8
134 0.0 13.7 41.1#

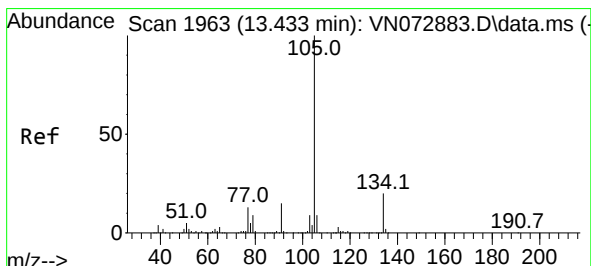
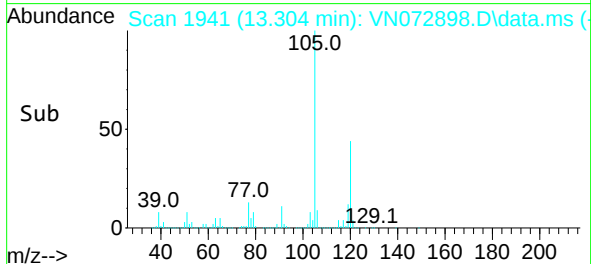
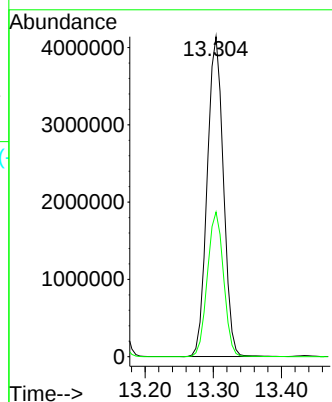
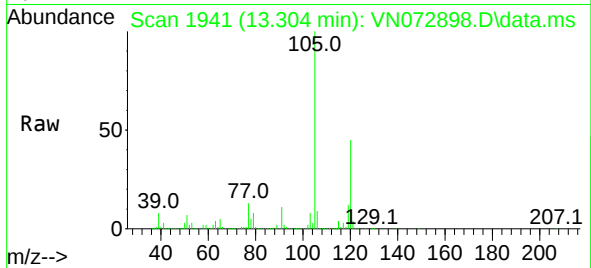




#84
1,2,4-Trimethylbenzene
Concen: 262.461 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VN072898.D
Acq: 16 Jun 2022 23:16

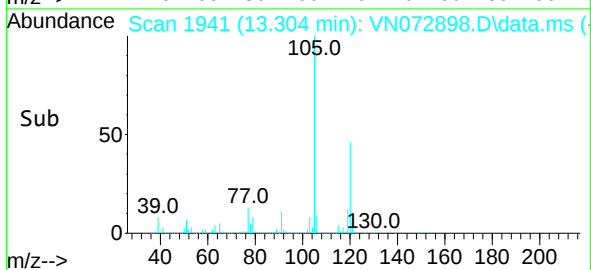
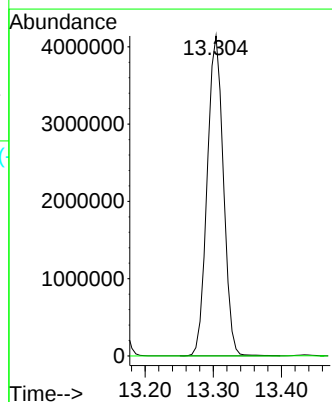
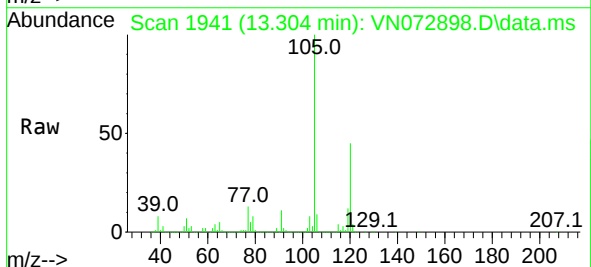
Instrument :
MSVOA_N
ClientSampleId :

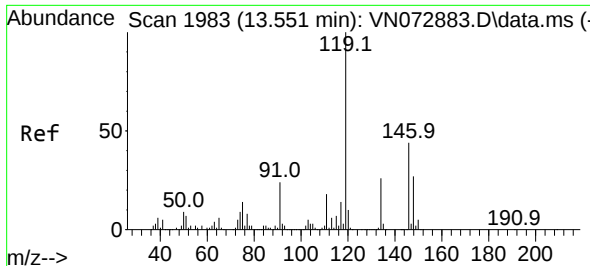
Tgt Ion:105 Resp: 6824722
Ion Ratio Lower Upper
105 100
120 45.3 23.3 69.8



#85
sec-Butylbenzene
Concen: 217.448 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. -0.129 min
Lab File: VN072898.D
Acq: 16 Jun 2022 23:16

Tgt Ion:105 Resp: 6824722
Ion Ratio Lower Upper
105 100
134 0.0 10.4 31.1#

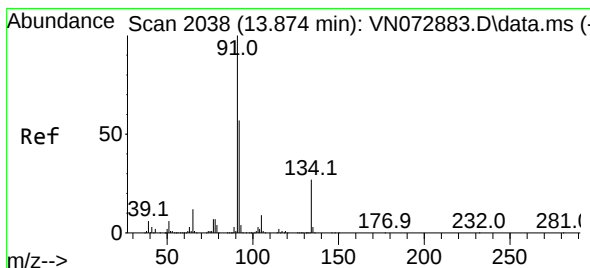
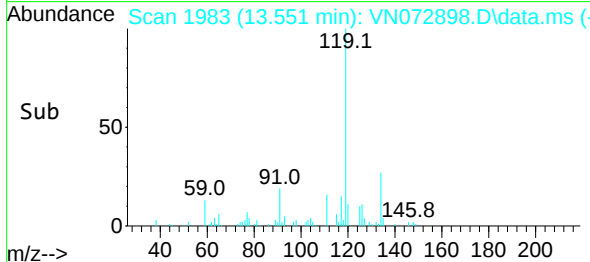
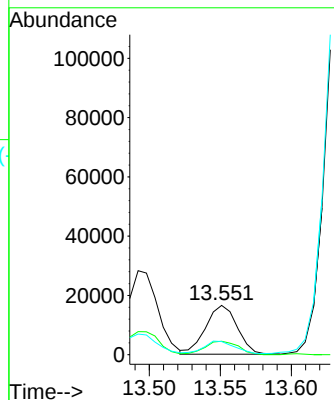
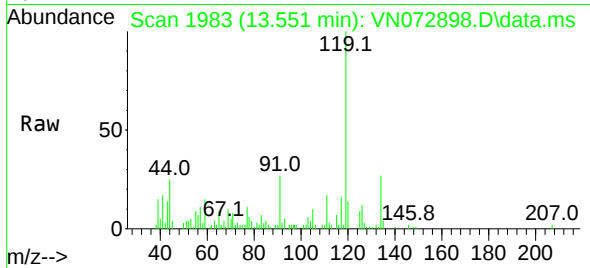




#86
p-Isopropyltoluene
Concen: 1.001 ug/l
RT: 13.551 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VN072898.D
Acq: 16 Jun 2022 23:16

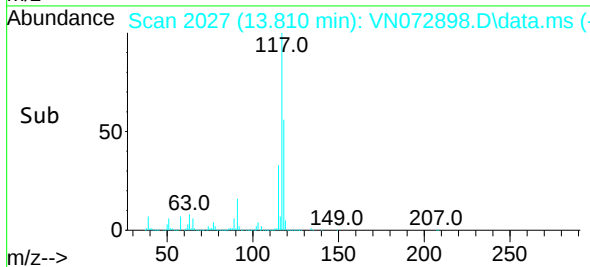
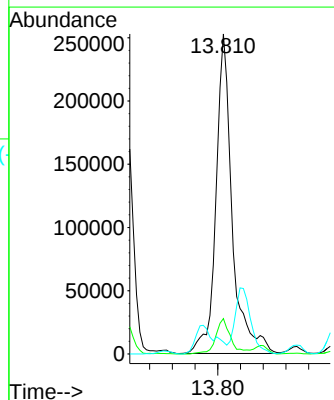
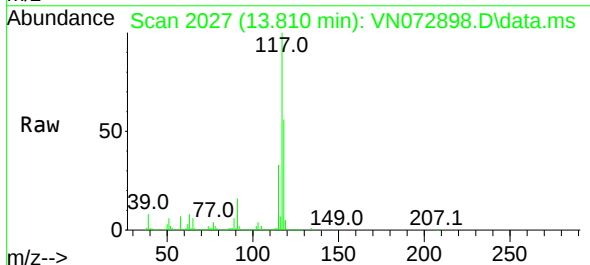
Instrument :
MSVOA_N
ClientSampleId :

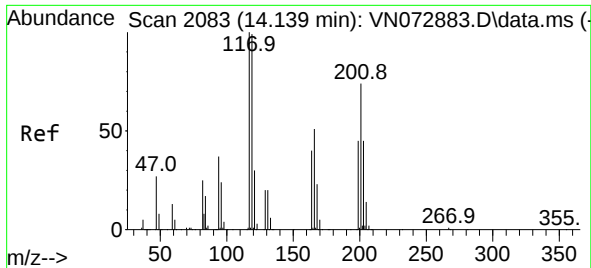
Tgt Ion:119 Resp: 25349
Ion Ratio Lower Upper
119 100
134 29.3 13.3 39.8
91 0.0 11.3 33.9#



#89
n-Butylbenzene
Concen: 25.725 ug/l
RT: 13.810 min Scan# 2027
Delta R.T. -0.064 min
Lab File: VN072898.D
Acq: 16 Jun 2022 23:16

Tgt Ion: 91 Resp: 500869
Ion Ratio Lower Upper
91 100
92 10.3 26.9 80.7#
134 0.0 13.6 40.8#

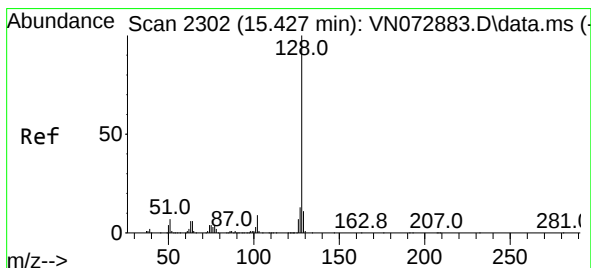
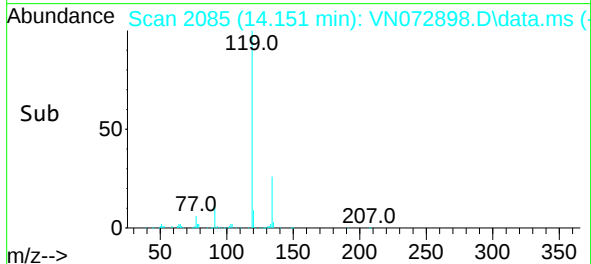
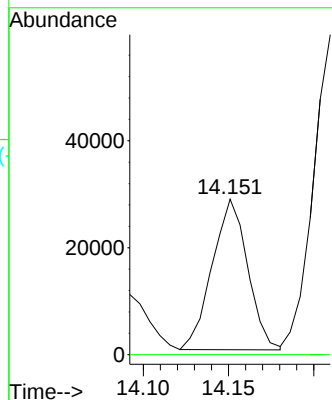
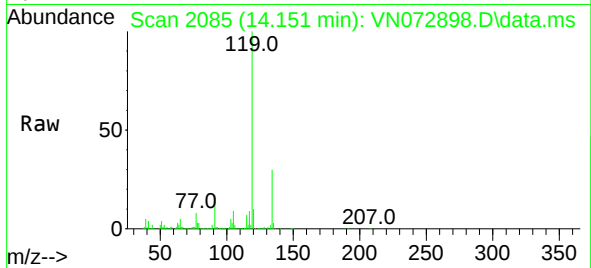




#90
Hexachloroethane
Concen: 7.461 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. 0.012 min
Lab File: VN072898.D
Acq: 16 Jun 2022 23:16

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 40864
Ion Ratio Lower Upper
117 100
201 0.0 40.6 122.0#



#95
Naphthalene
Concen: 182.738 ug/l
RT: 15.427 min Scan# 2302
Delta R.T. 0.000 min
Lab File: VN072898.D
Acq: 16 Jun 2022 23:16

Tgt Ion:128 Resp: 4097427
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.0 8.6 13.0

