

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042722\
 Data File : VN072224.D
 Acq On : 27 Apr 2022 18:29
 Operator : JC\MD
 Sample : N2575-02 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31799

Quant Time: Apr 28 06:05:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 Response via : Initial Calibration

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

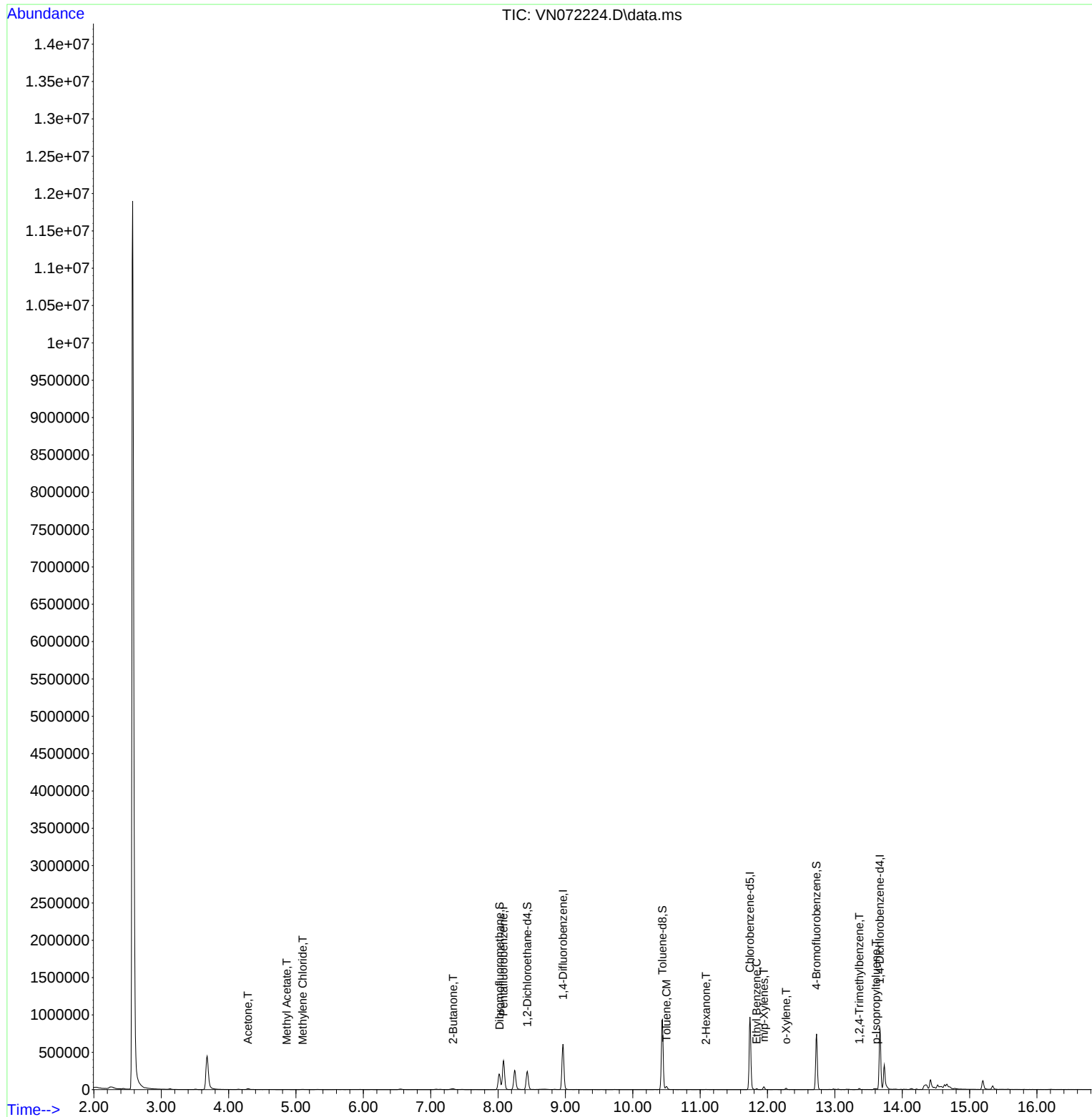
Internal Standards						
1) Pentafluorobenzene	8.081	168	271196	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	501980	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	542244	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	212855	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	208178	50.001	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 100.000%		
35) Dibromofluoromethane	8.022	113	153836	47.880	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 95.760%		
50) Toluene-d8	10.439	98	644711	51.066	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 102.140%		
62) 4-Bromofluorobenzene	12.727	95	262889	62.735	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 125.460%		
Target Compounds						
					Qvalue	
16) Acetone	4.287	43	22675	12.632	ug/l	99
18) Methyl Acetate	4.863	43	3917	0.741	ug/l	# 67
20) Methylene Chloride	5.099	84	1985	0.577	ug/l	# 71
25) 2-Butanone	7.334	43	17740	6.206	ug/l	94
52) Toluene	10.498	92	16113	1.858	ug/l	97
59) 2-Hexanone	11.086	43	2537	0.614	ug/l	77
67) Ethyl Benzene	11.839	91	8113	0.425	ug/l	# 89
68) m/p-Xylenes	11.945	106	11276	1.589	ug/l	92
69) o-Xylene	12.275	106	5085	0.739	ug/l	100
84) 1,2,4-Trimethylbenzene	13.363	105	8414	0.555	ug/l	95
86) p-Isopropyltoluene	13.610	119	7118	0.509	ug/l	95

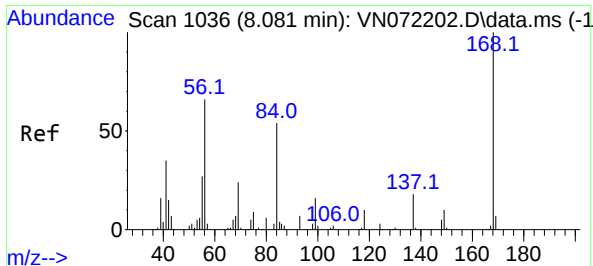
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

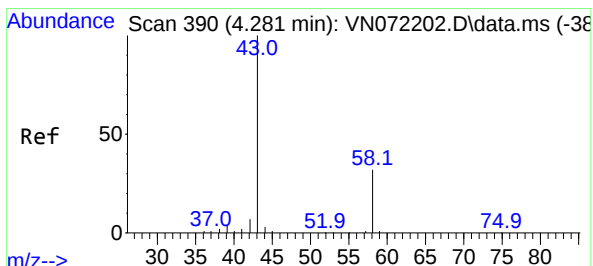
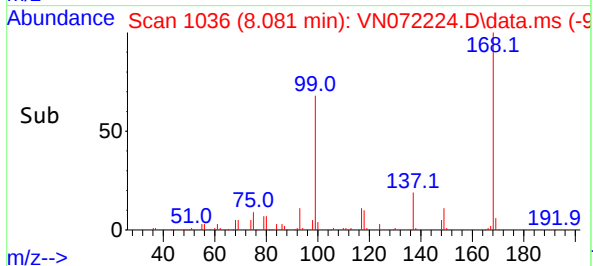
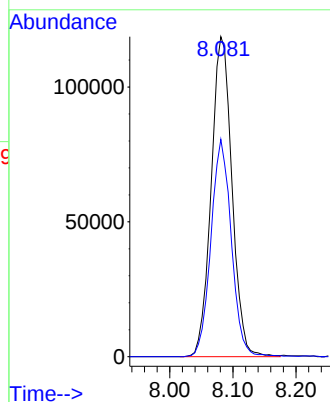
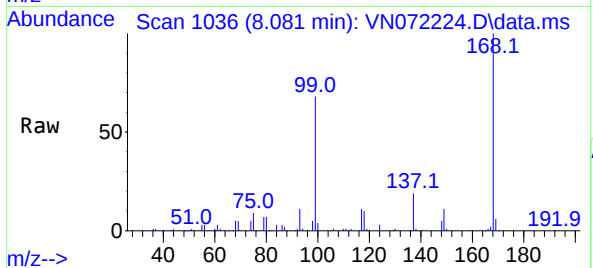




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072224.D
Acq: 27 Apr 2022 18:29

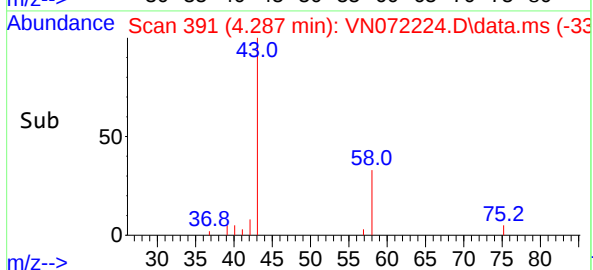
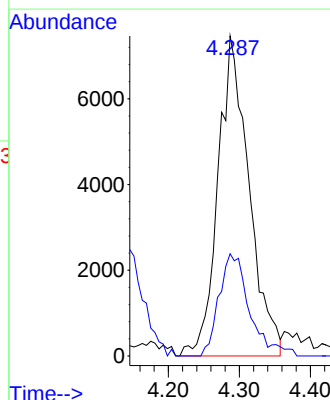
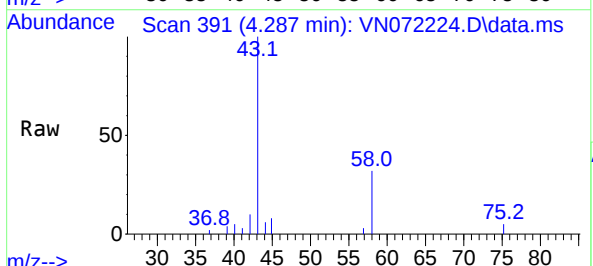
Instrument :
MSVOA_N
ClientSampleId :
31799

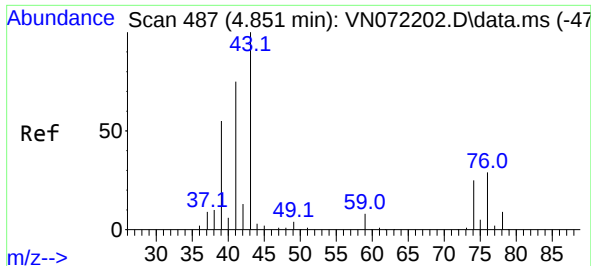
Tgt Ion:168 Resp: 271196
Ion Ratio Lower Upper
168 100
99 67.9 42.3 63.5#



#16
Acetone
Concen: 12.632 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN072224.D
Acq: 27 Apr 2022 18:29

Tgt Ion: 43 Resp: 22675
Ion Ratio Lower Upper
43 100
58 31.9 26.0 39.0

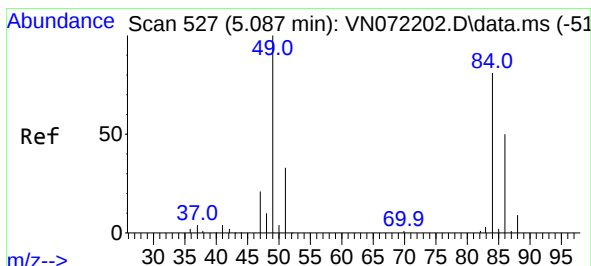
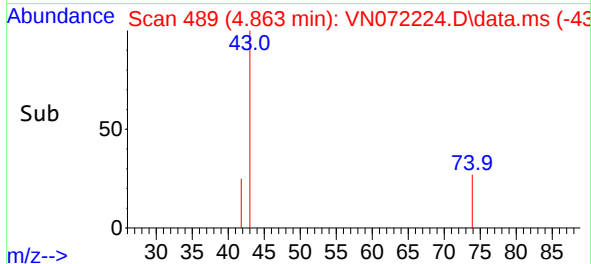
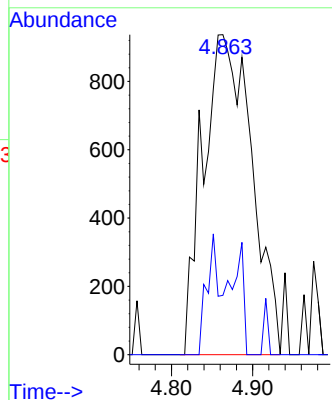
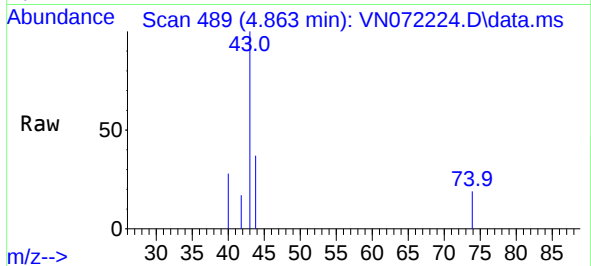




#18
Methyl Acetate
Concen: 0.741 ug/l
RT: 4.863 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN072224.D
Acq: 27 Apr 2022 18:29

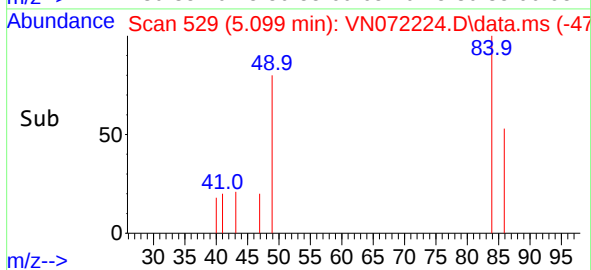
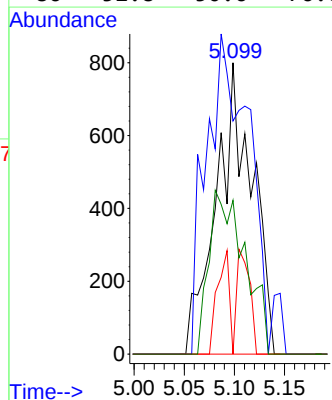
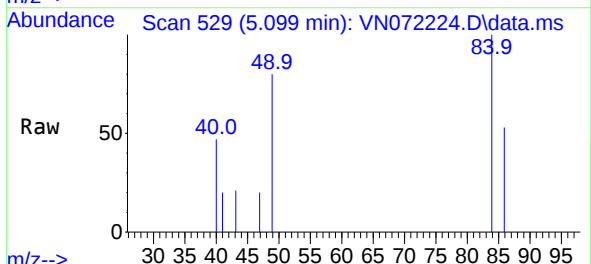
Instrument :
MSVOA_N
ClientSampleId :
31799

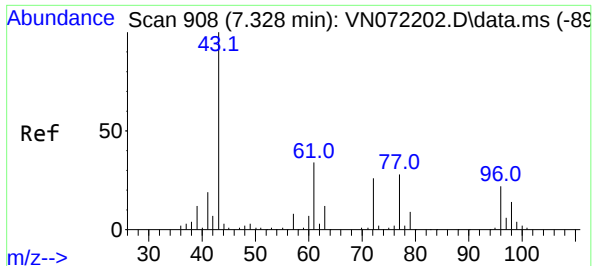
Tgt Ion: 43 Resp: 3917
Ion Ratio Lower Upper
43 100
74 9.8 21.6 32.4#



#20
Methylene Chloride
Concen: 0.577 ug/l
RT: 5.099 min Scan# 529
Delta R.T. 0.012 min
Lab File: VN072224.D
Acq: 27 Apr 2022 18:29

Tgt Ion: 84 Resp: 1985
Ion Ratio Lower Upper
84 100
49 80.0 88.3 132.5#
51 0.0 28.2 42.2#
86 52.8 50.6 76.0





#25

2-Butanone

Concen: 6.206 ug/l

RT: 7.334 min Scan# 908

Delta R.T. 0.006 min

Lab File: VN072224.D

Acq: 27 Apr 2022 18:29

Instrument :

MSVOA_N

ClientSampleId :

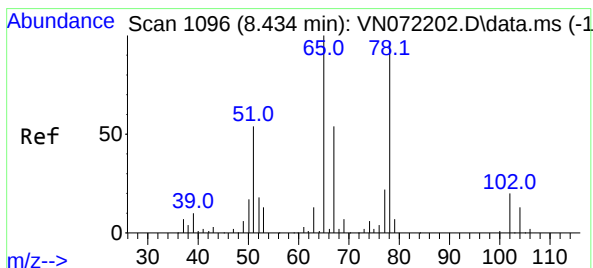
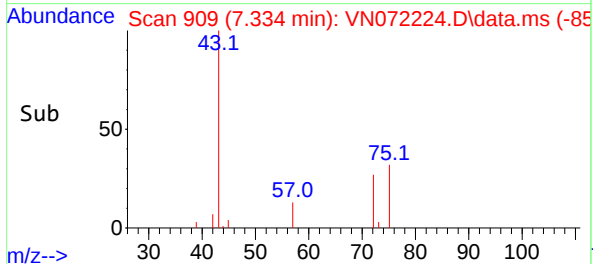
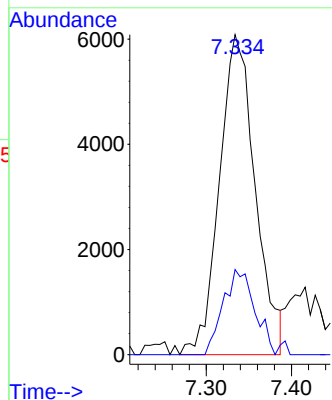
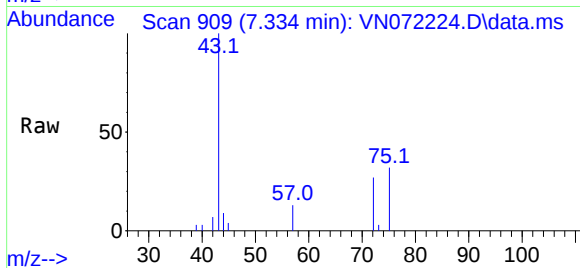
31799

Tgt Ion: 43 Resp: 17740

Ion Ratio Lower Upper

43 100

72 26.6 23.7 35.5



#33

1,2-Dichloroethane-d4

Concen: 50.001 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN072224.D

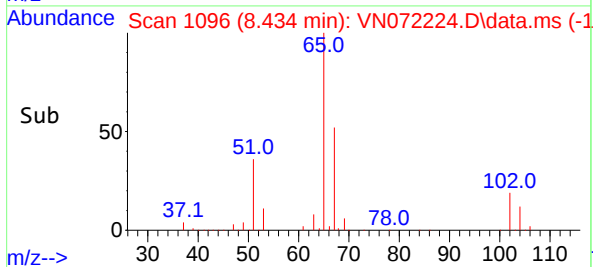
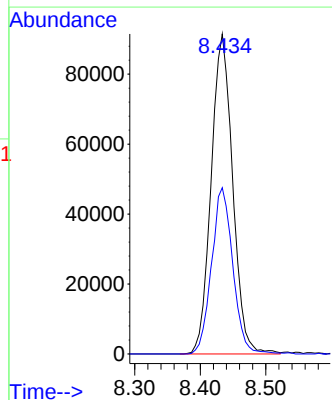
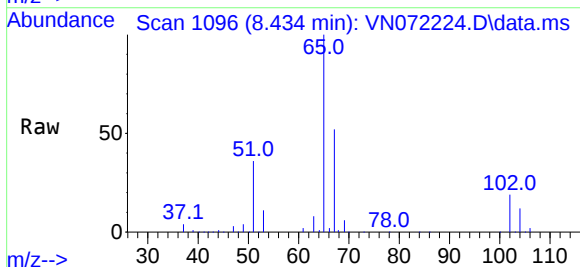
Acq: 27 Apr 2022 18:29

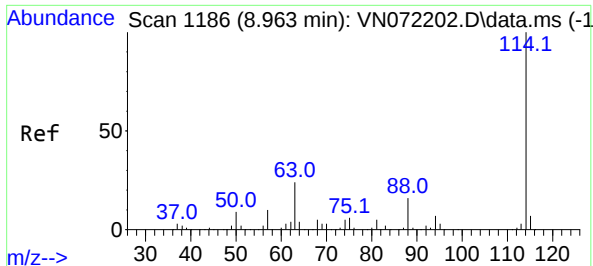
Tgt Ion: 65 Resp: 208178

Ion Ratio Lower Upper

65 100

67 51.5 0.0 104.8

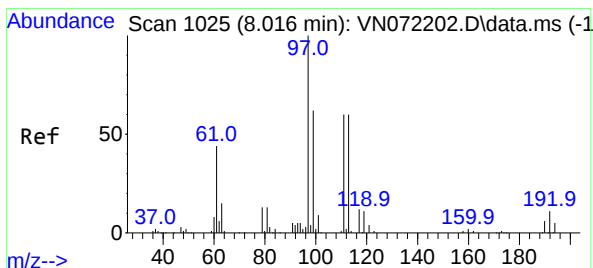
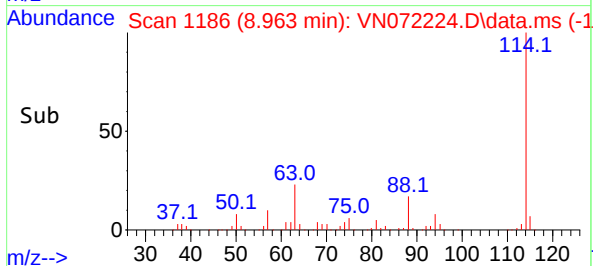
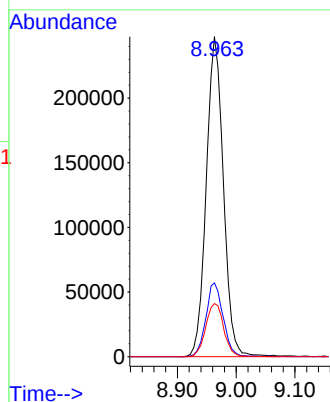
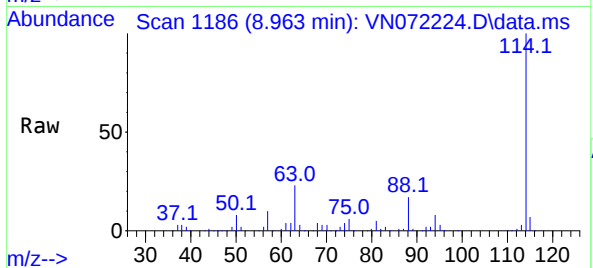




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN072224.D
Acq: 27 Apr 2022 18:29

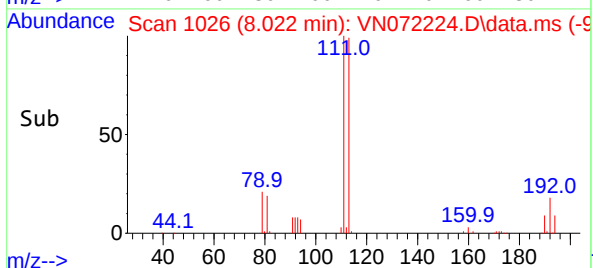
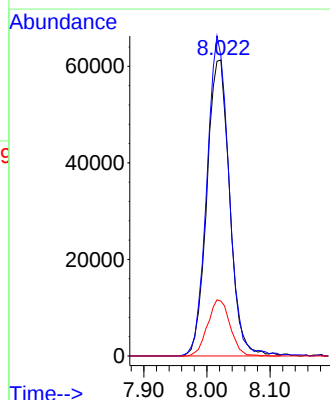
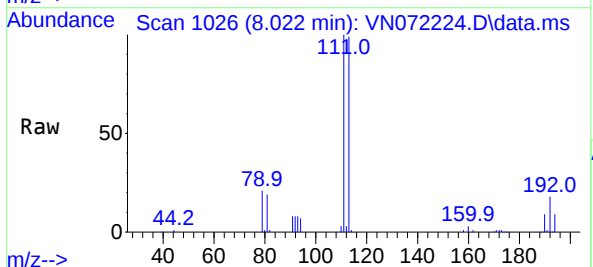
Instrument :
MSVOA_N
ClientSampleId :
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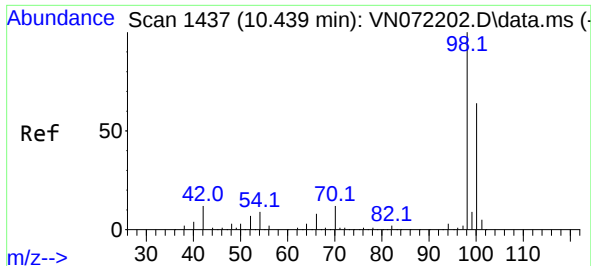
Tgt Ion:114 Resp: 501980
Ion Ratio Lower Upper
114 100
63 23.0 0.0 40.0
88 16.6 0.0 32.6



#35
Dibromofluoromethane
Concen: 47.880 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN072224.D
Acq: 27 Apr 2022 18:29

Tgt Ion:113 Resp: 153836
Ion Ratio Lower Upper
113 100
111 105.1 81.4 122.0
192 18.7 17.0 25.6

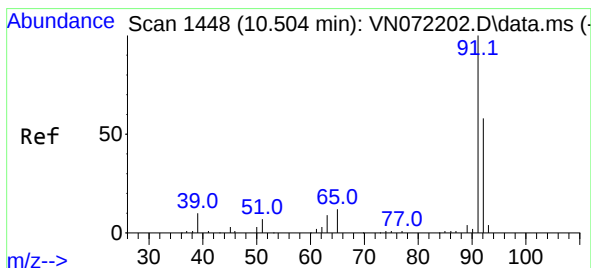
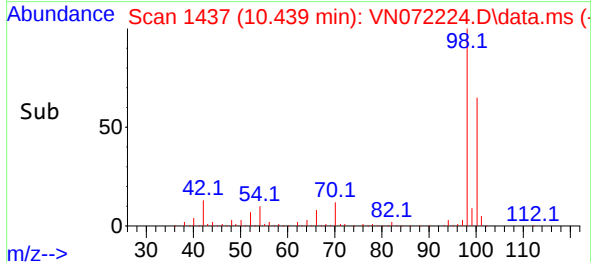
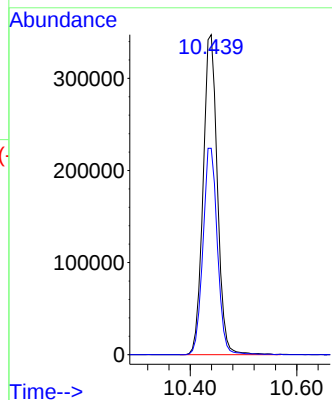
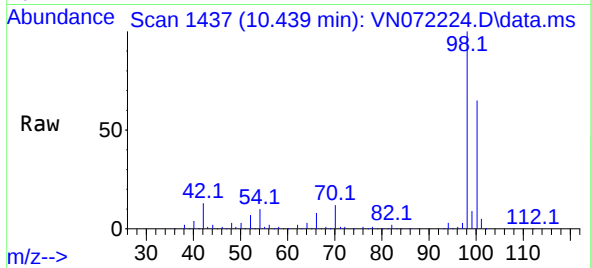




#50
Toluene-d8
Concen: 51.066 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072224.D
Acq: 27 Apr 2022 18:29

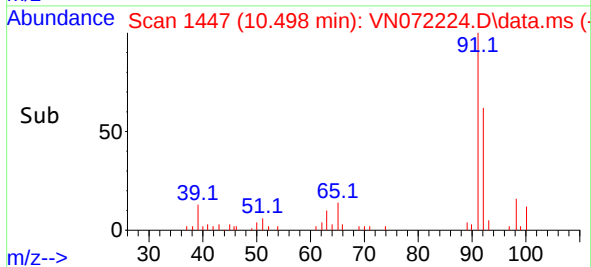
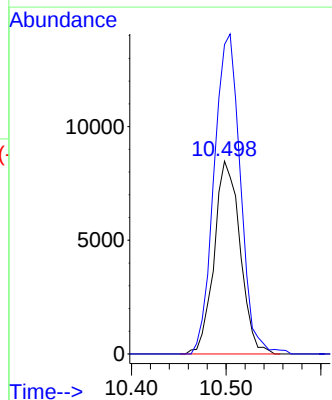
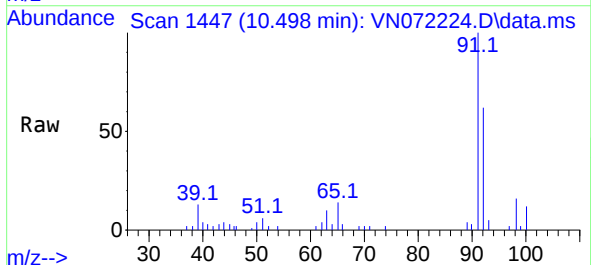
Instrument :
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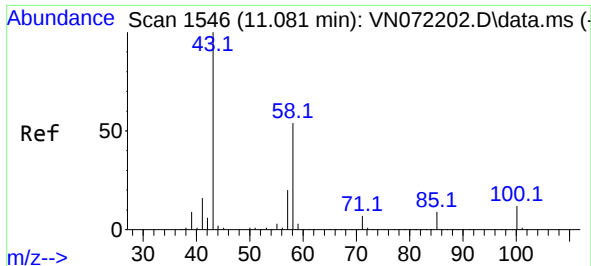
Tgt Ion: 98 Resp: 644711
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8



#52
Toluene
Concen: 1.858 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN072224.D
Acq: 27 Apr 2022 18:29

Tgt Ion: 92 Resp: 16113
Ion Ratio Lower Upper
92 100
91 168.7 138.6 207.8





#59

2-Hexanone

Concen: 0.614 ug/l

RT: 11.086 min Scan# 11

Delta R.T. 0.005 min

Lab File: VN072224.D

Acq: 27 Apr 2022 18:29

Instrument :

MSVOA_N

ClientSampleId :

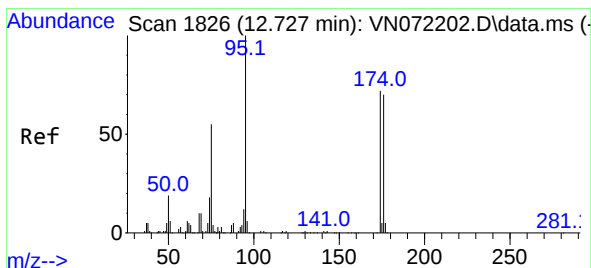
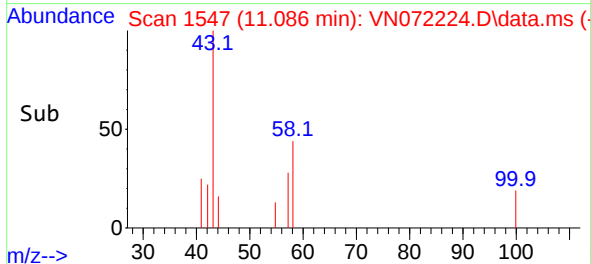
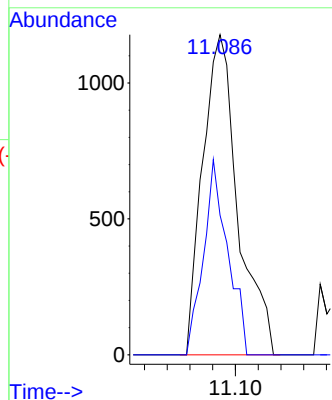
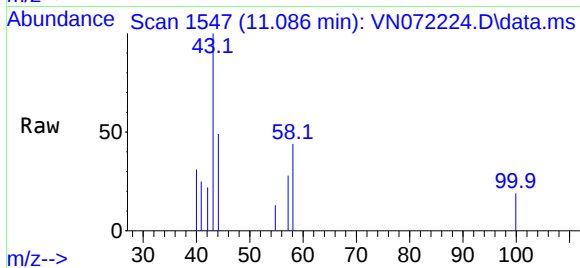
31799

Tgt Ion: 43 Resp: 2537

Ion Ratio Lower Upper

43 100

58 41.8 29.7 89.1



#62

4-Bromofluorobenzene

Concen: 62.735 ug/l

RT: 12.727 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN072224.D

Acq: 27 Apr 2022 18:29

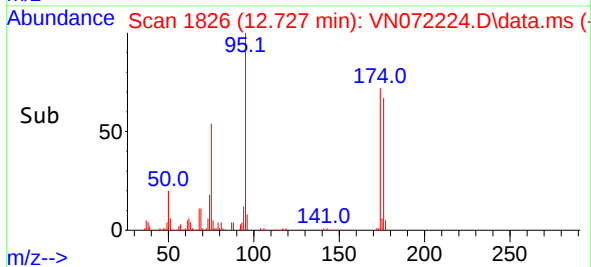
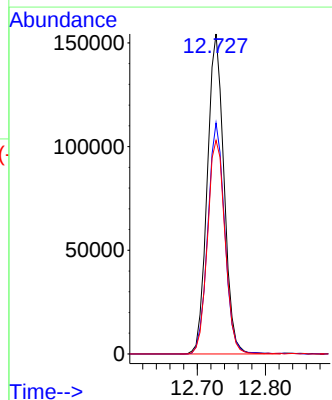
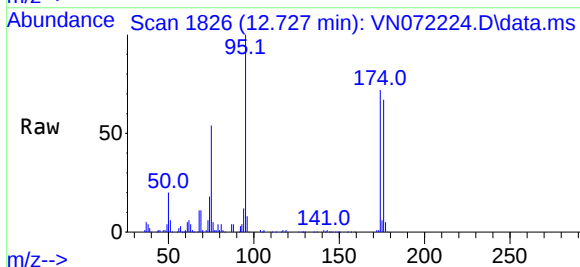
Tgt Ion: 95 Resp: 262889

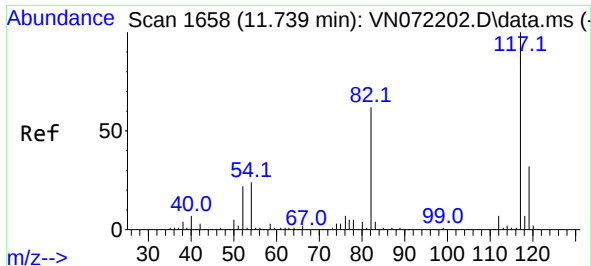
Ion Ratio Lower Upper

95 100

174 72.7 0.0 167.6

176 69.8 0.0 163.4

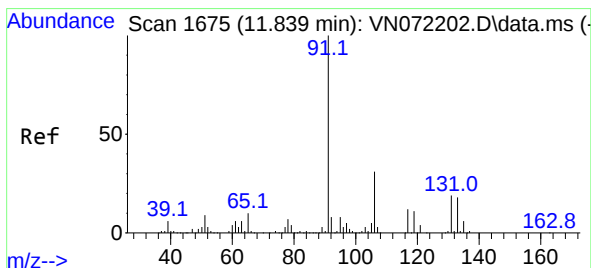
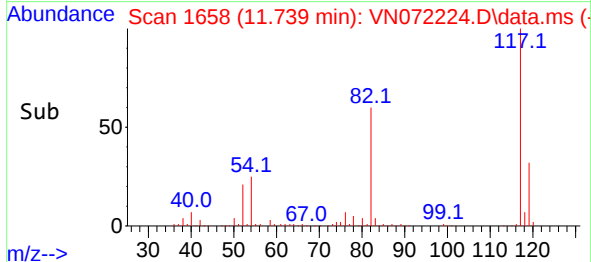
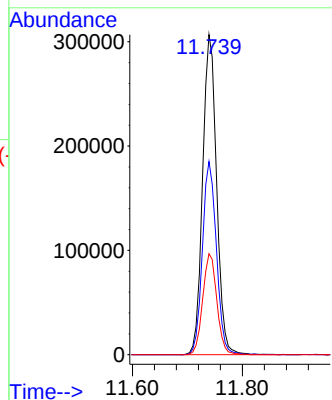
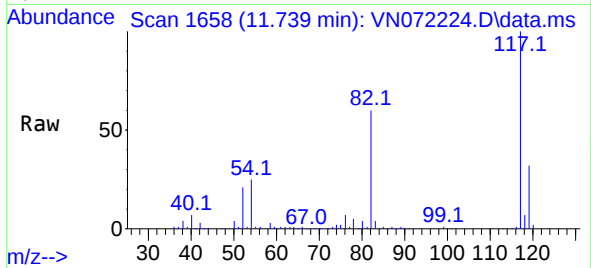




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 11799
Delta R.T. 0.000 min
Lab File: VN072224.D
Acq: 27 Apr 2022 18:29

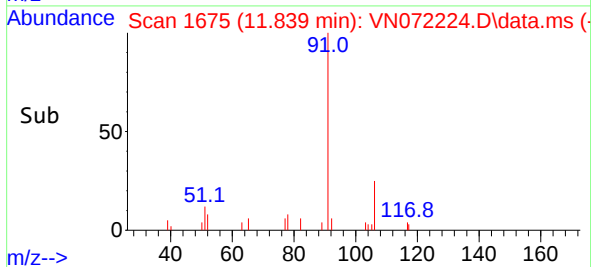
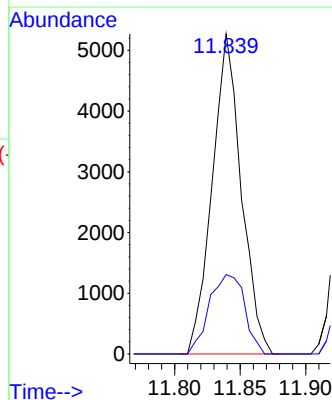
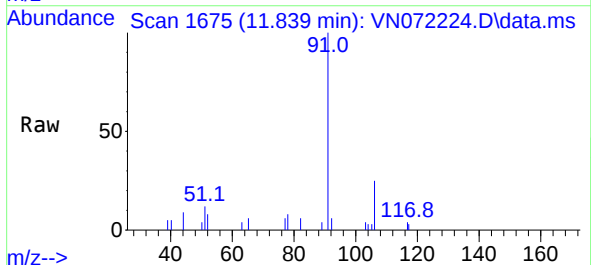
Instrument :
MSVOA_N
ClientSampleId :
31799

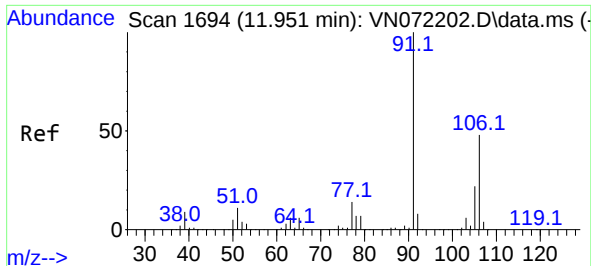
Tgt Ion:117 Resp: 542244
Ion Ratio Lower Upper
117 100
82 60.4 44.2 66.2
119 31.5 25.4 38.0



#67
Ethyl Benzene
Concen: 0.425 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072224.D
Acq: 27 Apr 2022 18:29

Tgt Ion: 91 Resp: 8113
Ion Ratio Lower Upper
91 100
106 24.8 24.9 37.3#

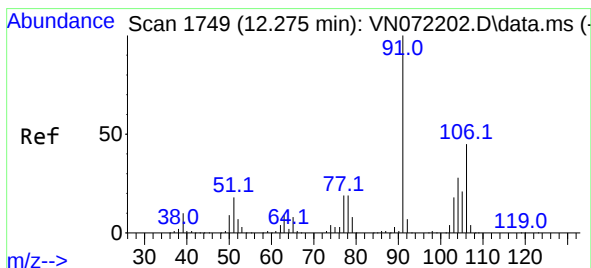
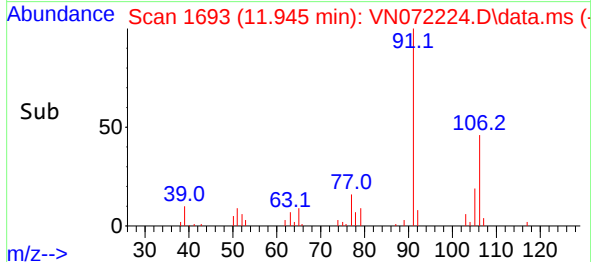
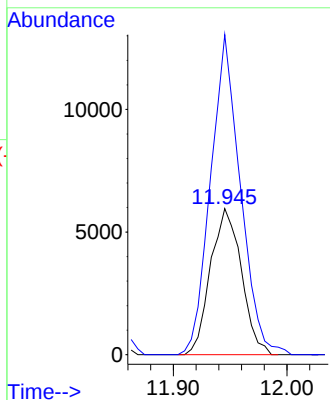
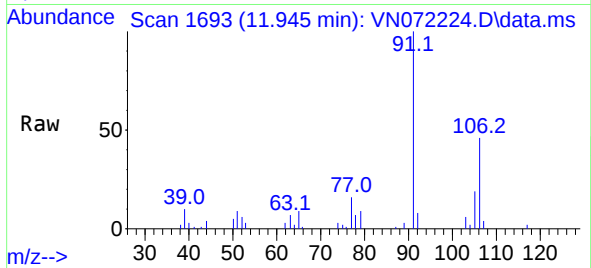




#68
m/p-Xylenes
Concen: 1.589 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN072224.D
Acq: 27 Apr 2022 18:29

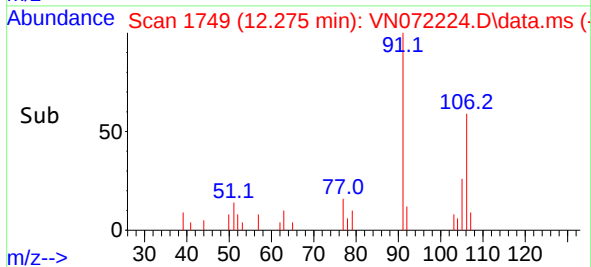
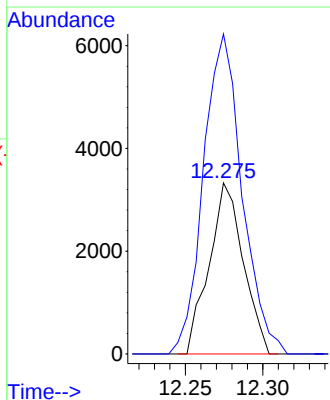
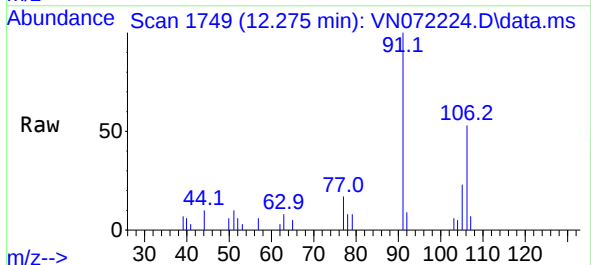
Instrument :
MSVOA_N
ClientSampleId :
31799

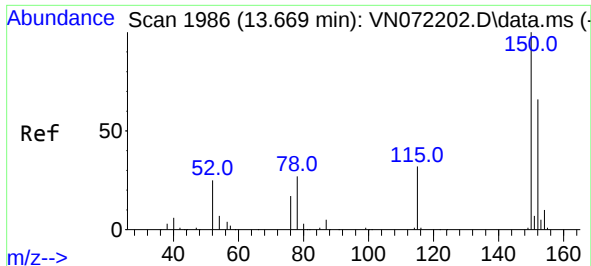
Tgt Ion:106 Resp: 11276
Ion Ratio Lower Upper
106 100
91 211.0 158.9 238.3



#69
o-Xylene
Concen: 0.739 ug/l
RT: 12.275 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VN072224.D
Acq: 27 Apr 2022 18:29

Tgt Ion:106 Resp: 5085
Ion Ratio Lower Upper
106 100
91 212.0 106.0 318.0

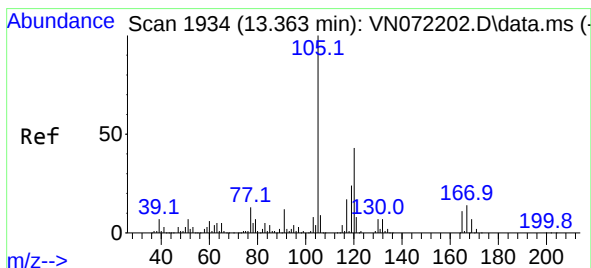
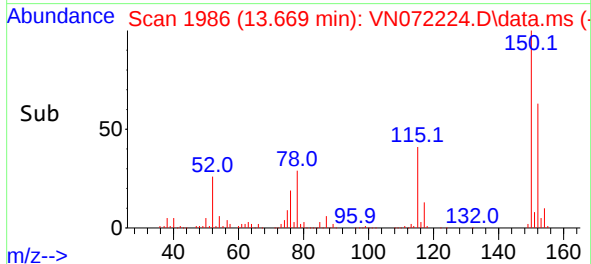
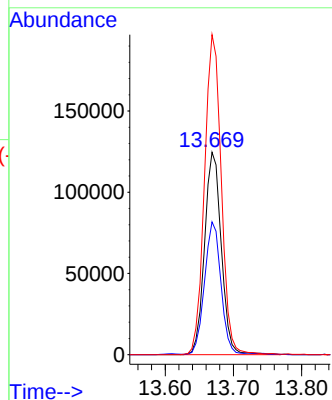
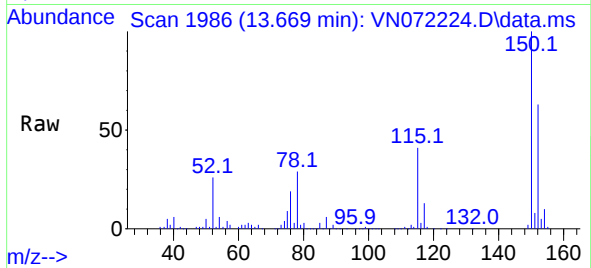




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN072224.D
Acq: 27 Apr 2022 18:29

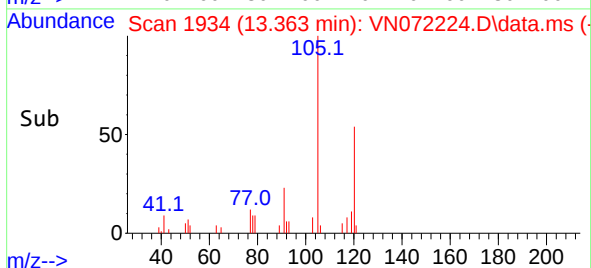
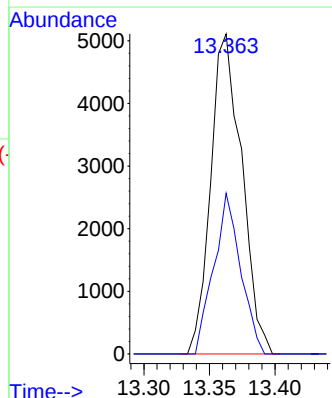
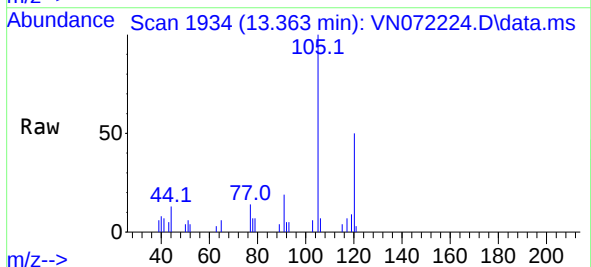
Instrument :
MSVOA_N
ClientSampleId :
31799

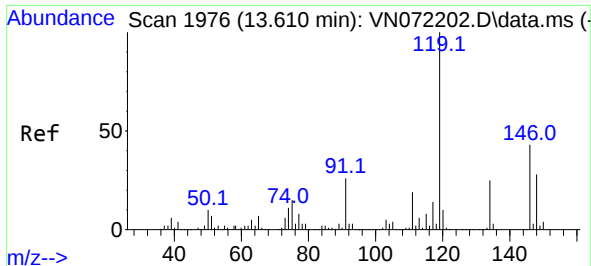
Tgt Ion:152 Resp: 212855
Ion Ratio Lower Upper
152 100
115 63.7 28.9 86.7
150 158.7 0.0 356.2



#84
1,2,4-Trimethylbenzene
Concen: 0.555 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072224.D
Acq: 27 Apr 2022 18:29

Tgt Ion:105 Resp: 8414
Ion Ratio Lower Upper
105 100
120 43.4 23.3 69.8





#86
 p-Isopropyltoluene
 Concen: 0.509 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN072224.D
 Acq: 27 Apr 2022 18:29

Instrument :
 MSVOA_N
 ClientSampleId :
 31799

Tgt Ion:	119	Resp:	7118
Ion	Ratio	Lower	Upper
119	100		
134	23.7	13.3	39.8
91	24.2	11.3	33.9

