

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020122\
 Data File : VN070882.D
 Acq On : 1 Feb 2022 19:53
 Operator : JC/MD
 Sample : N1342-17
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31536

Quant Time: Feb 02 00:38:51 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)

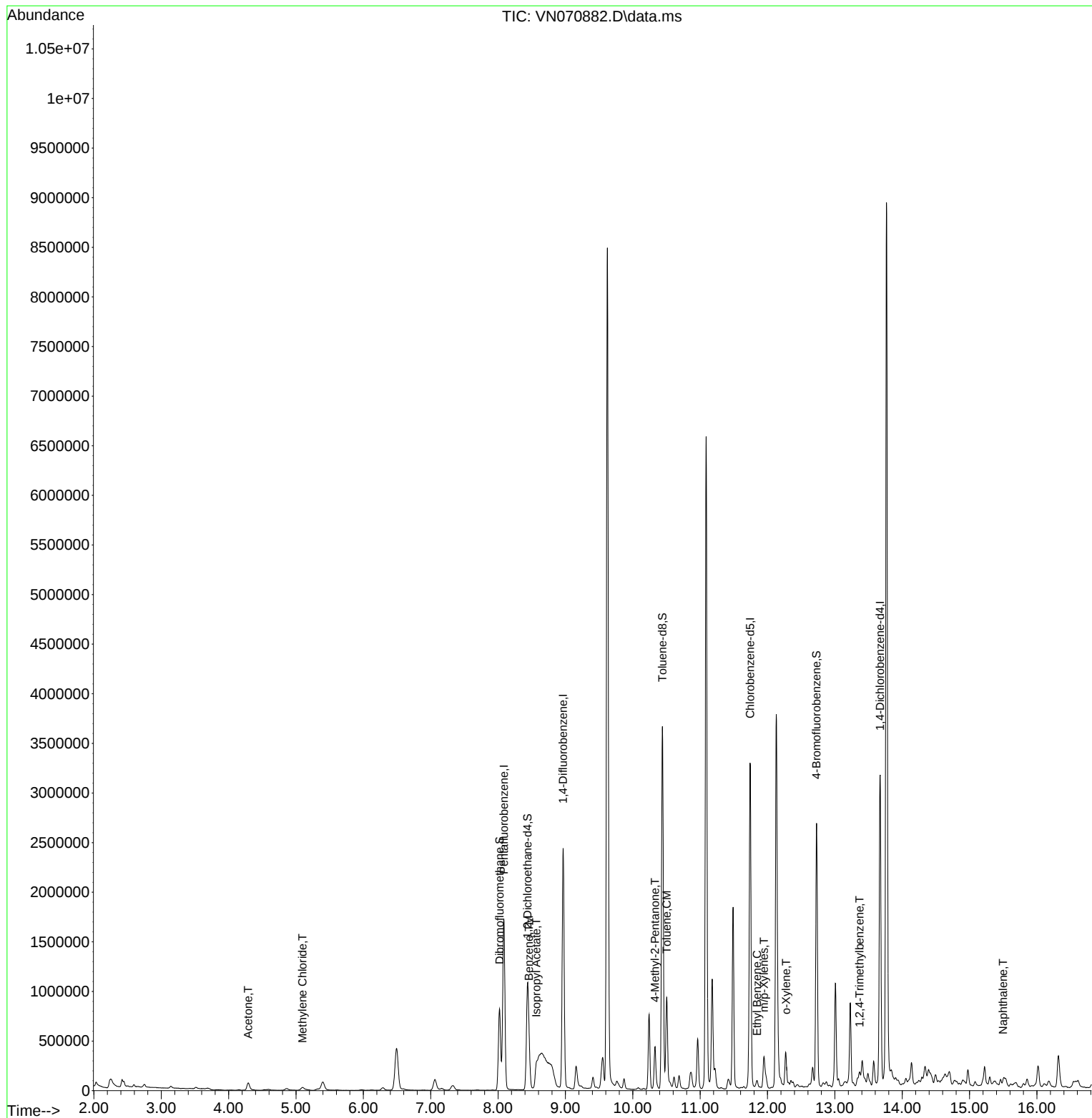
Internal Standards						
1) Pentafluorobenzene	8.086	168	1397585	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.966	114	2121373	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1894311	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	863590	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	799521	39.917	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	79.840%
35) Dibromofluoromethane	8.021	113	602761	45.806	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	91.620%
50) Toluene-d8	10.441	98	2566072	46.290	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	92.580%
62) 4-Bromofluorobenzene	12.728	95	941770	47.675	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.340%
Target Compounds						
					Qvalue	
16) Acetone	4.291	43	136654	9.830	ug/l	96
20) Methylene Chloride	5.095	84	19349	1.057	ug/l	90
40) Benzene	8.459	78	324647	4.730	ug/l	99
43) Isopropyl Acetate	8.569	43	295165	6.571	ug/l #	77
51) 4-Methyl-2-Pentanone	10.331	43	329423	11.493	ug/l	95
52) Toluene	10.505	92	371628	9.051	ug/l	97
67) Ethyl Benzene	11.843	91	42625	0.560	ug/l	98
68) m/p-Xylenes	11.948	106	100691	3.637	ug/l	92
69) o-Xylene	12.278	106	28880	1.051	ug/l	93
84) 1,2,4-Trimethylbenzene	13.367	105	69427	1.093	ug/l	86
95) Naphthalene	15.499	128	42063	5.795	ug/l #	91

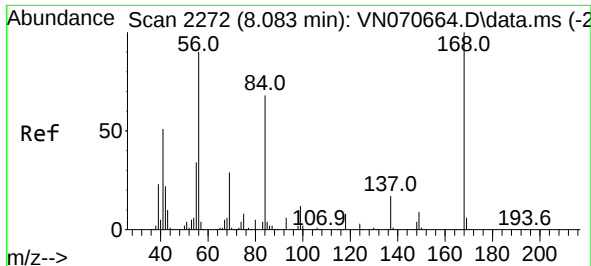
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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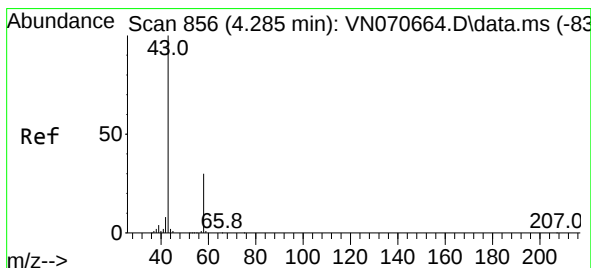
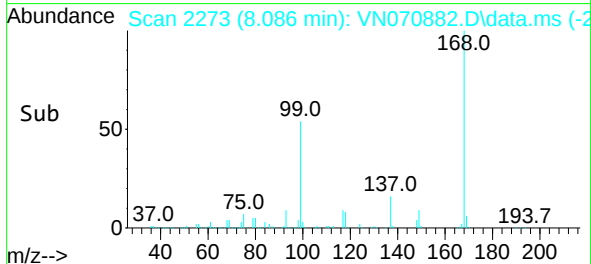
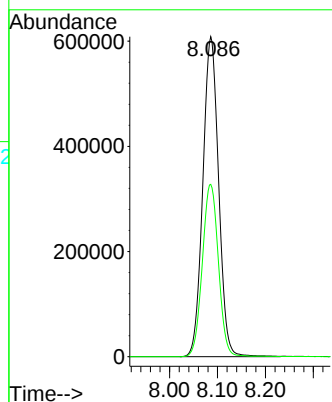
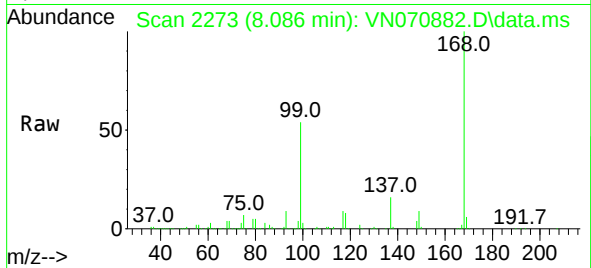




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN070882.D
Acq: 1 Feb 2022 19:53

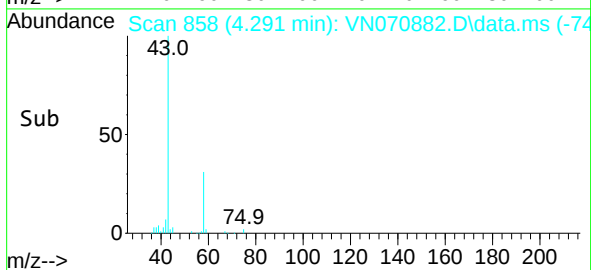
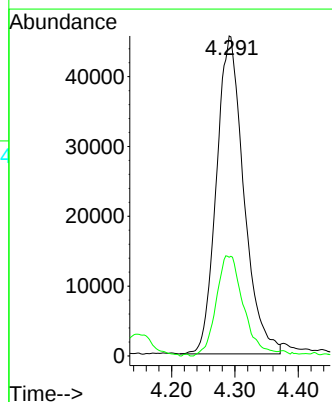
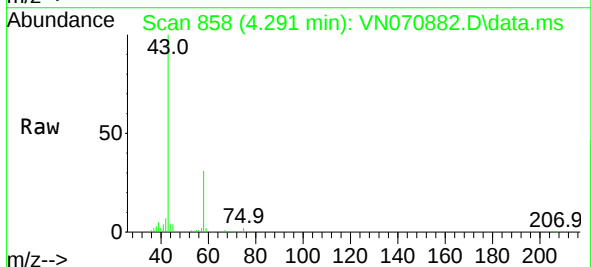
Instrument :
MSVOA_N
ClientSampleId :
31536

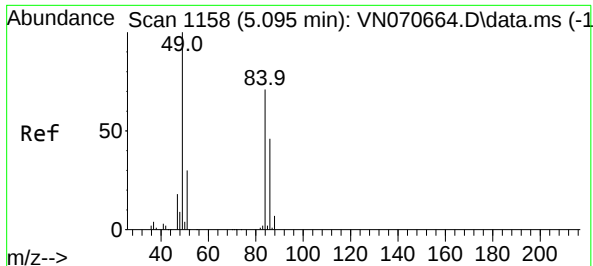
Tgt Ion:168 Resp: 1397585
Ion Ratio Lower Upper
168 100
99 53.9 41.3 61.9



#16
Acetone
Concen: 9.830 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.006 min
Lab File: VN070882.D
Acq: 1 Feb 2022 19:53

Tgt Ion: 43 Resp: 136654
Ion Ratio Lower Upper
43 100
58 31.0 23.1 34.7

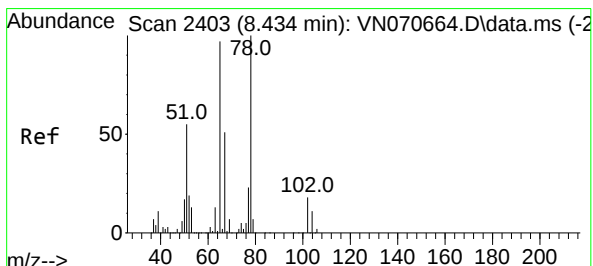
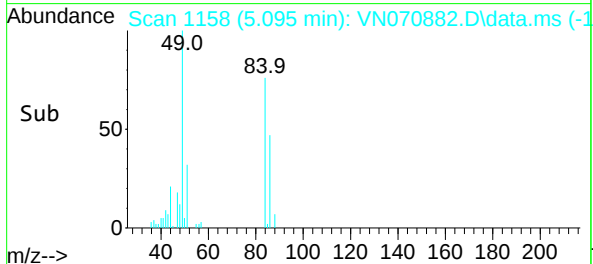
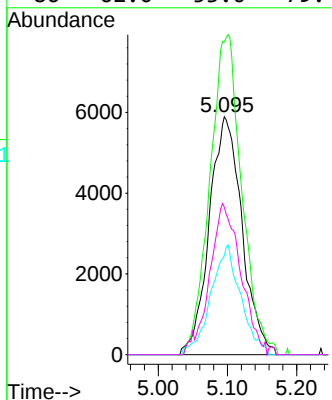
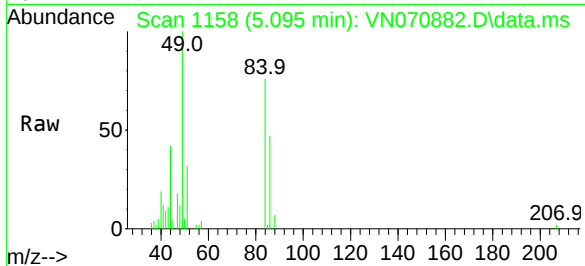




#20
Methylene Chloride
Concen: 1.057 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.000 min
Lab File: VN070882.D
Acq: 1 Feb 2022 19:53

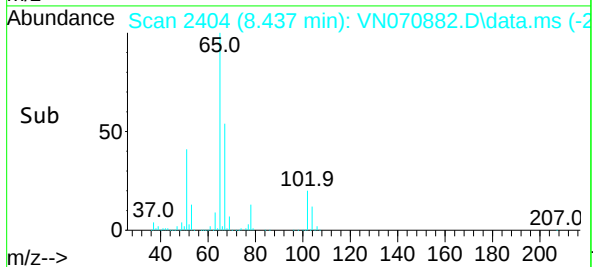
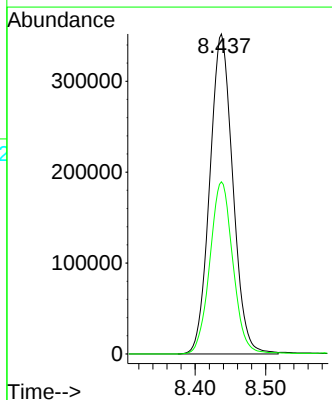
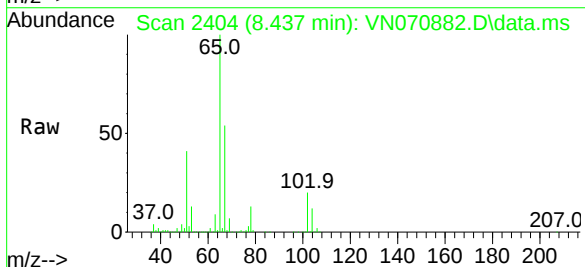
Instrument :
MSVOA_N
ClientSampleId :
31536

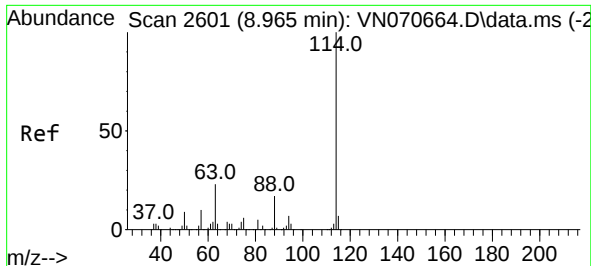
Tgt Ion:	84	Resp:	19349
Ion	Ratio	Lower	Upper
84	100		
49	131.4	93.5	140.3
51	41.5	29.4	44.2
86	62.0	53.0	79.4



#33
1,2-Dichloroethane-d4
Concen: 39.917 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.003 min
Lab File: VN070882.D
Acq: 1 Feb 2022 19:53

Tgt Ion:	65	Resp:	799521
Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	103.0

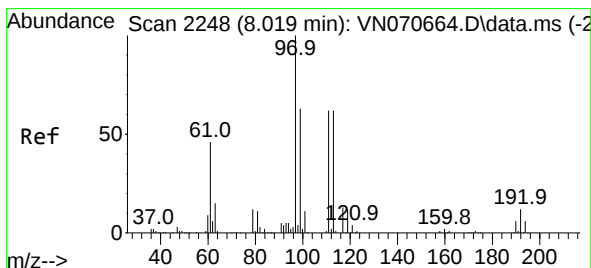
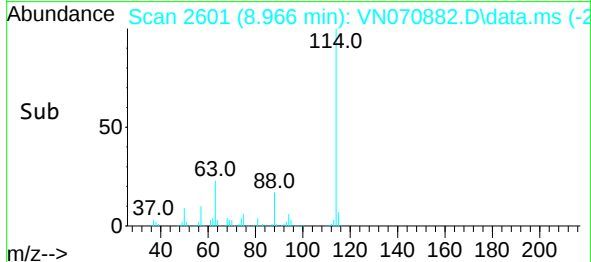
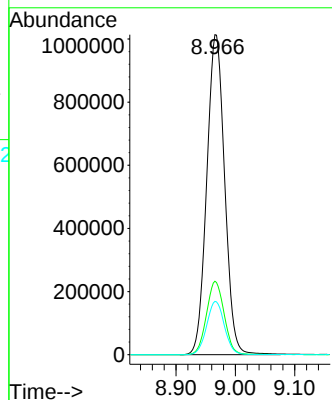
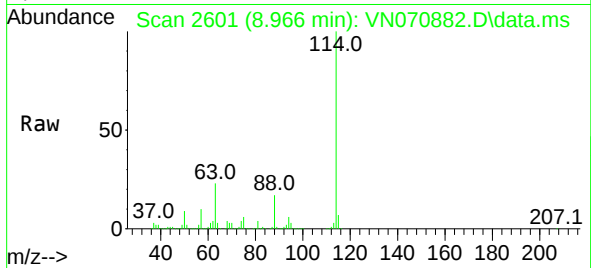




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.966 min Scan# 21
Delta R.T. 0.001 min
Lab File: VN070882.D
Acq: 1 Feb 2022 19:53

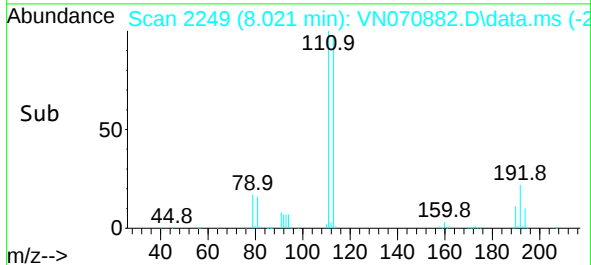
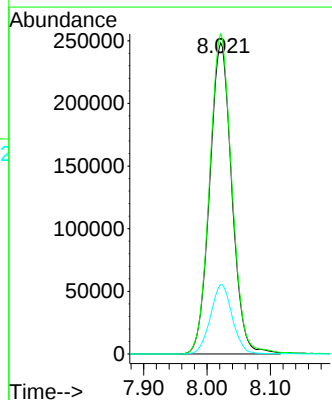
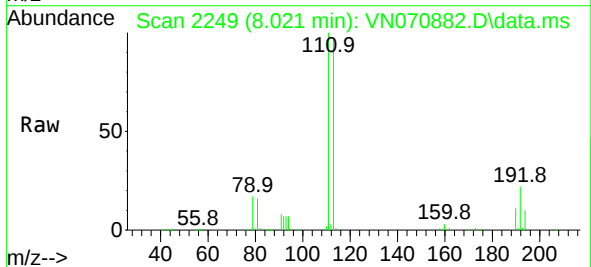
Instrument :
MSVOA_N
ClientSampleId :
31536

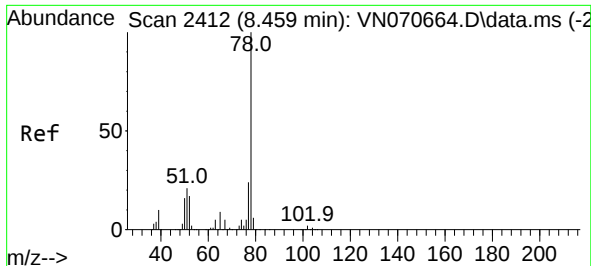
Tgt Ion:114 Resp: 2121373
Ion Ratio Lower Upper
114 100
63 23.0 0.0 37.8
88 16.7 0.0 27.4



#35
Dibromofluoromethane
Concen: 45.806 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.002 min
Lab File: VN070882.D
Acq: 1 Feb 2022 19:53

Tgt Ion:113 Resp: 602761
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.2
192 22.1 16.9 25.3

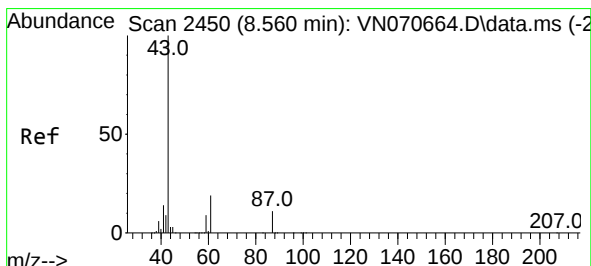
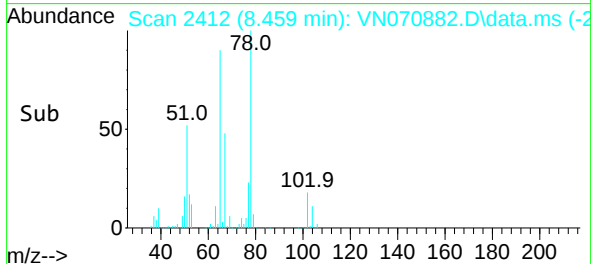
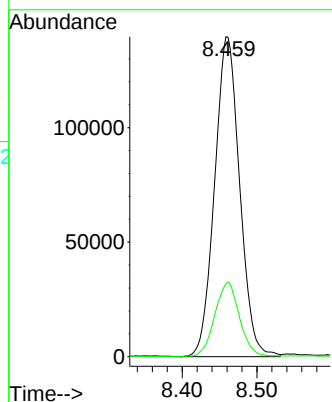
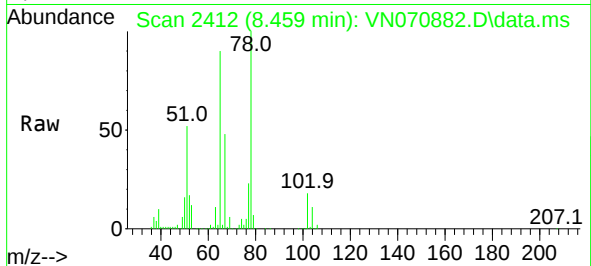




#40
Benzene
Concen: 4.730 ug/l
RT: 8.459 min Scan# 2412
Delta R.T. -0.000 min
Lab File: VN070882.D
Acq: 1 Feb 2022 19:53

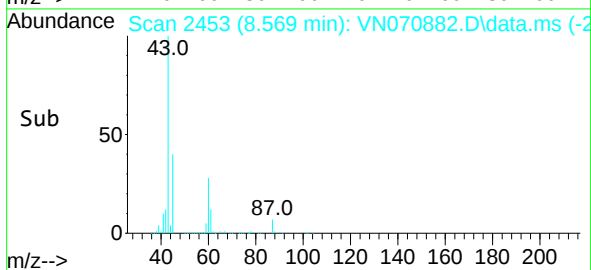
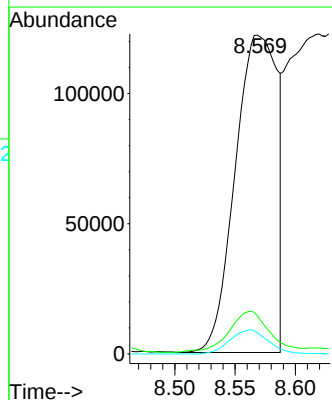
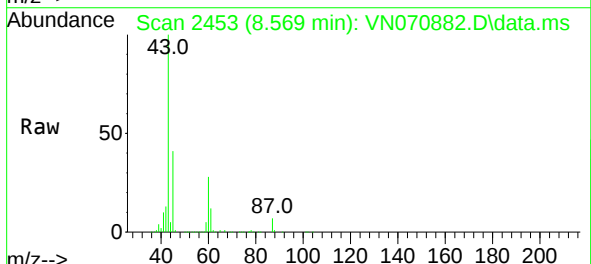
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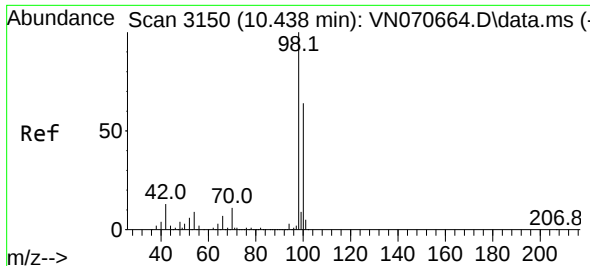
Tgt Ion: 78 Resp: 324647
Ion Ratio Lower Upper
78 100
77 22.9 18.6 27.8



#43
Isopropyl Acetate
Concen: 6.571 ug/l
RT: 8.569 min Scan# 2453
Delta R.T. 0.009 min
Lab File: VN070882.D
Acq: 1 Feb 2022 19:53

Tgt Ion: 43 Resp: 295165
Ion Ratio Lower Upper
43 100
61 12.5 20.4 30.6#
87 6.9 11.2 16.8#

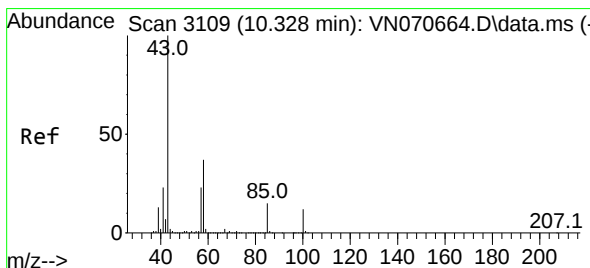
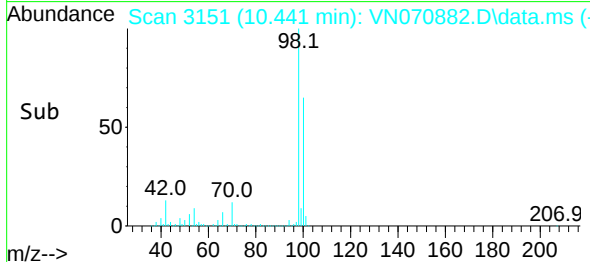
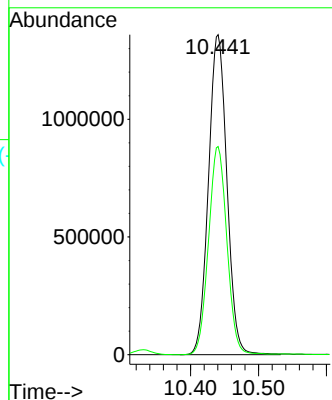
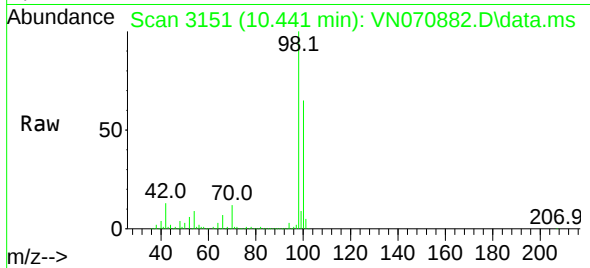




#50
Toluene-d8
Concen: 46.290 ug/l
RT: 10.441 min Scan# 31536
Delta R.T. 0.003 min
Lab File: VN070882.D
Acq: 1 Feb 2022 19:53

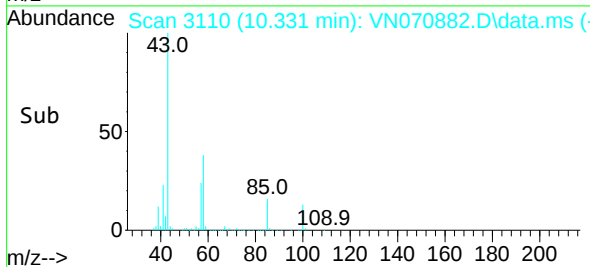
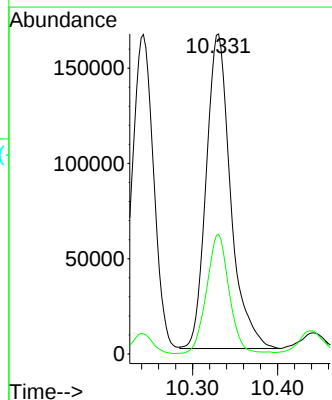
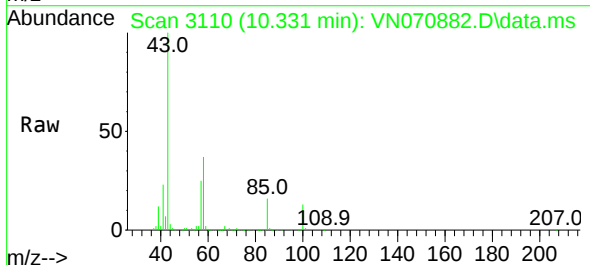
Instrument :
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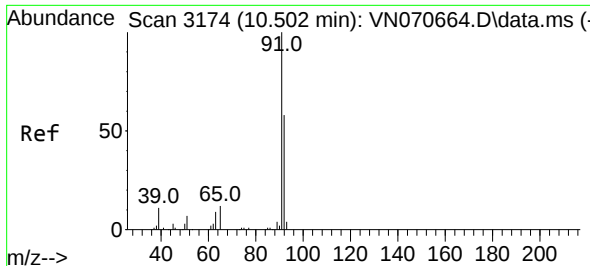
Tgt Ion: 98 Resp: 2566072
Ion Ratio Lower Upper
98 100
100 64.8 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 11.493 ug/l
RT: 10.331 min Scan# 3110
Delta R.T. 0.003 min
Lab File: VN070882.D
Acq: 1 Feb 2022 19:53

Tgt Ion: 43 Resp: 329423
Ion Ratio Lower Upper
43 100
58 34.8 30.4 45.6

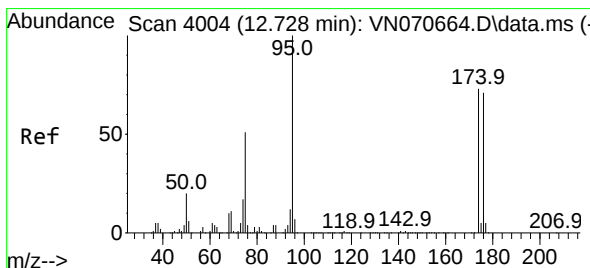
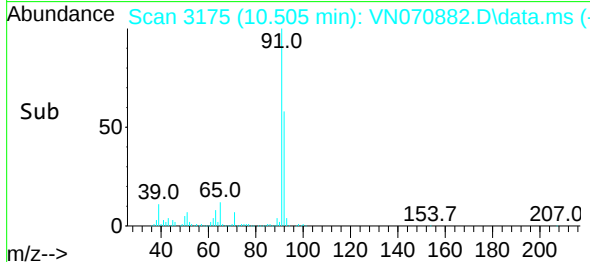
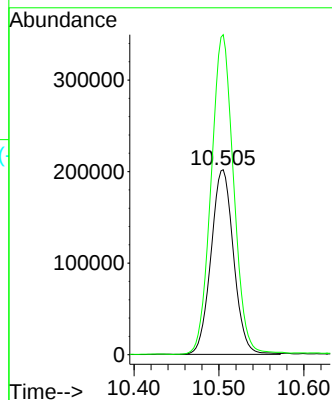
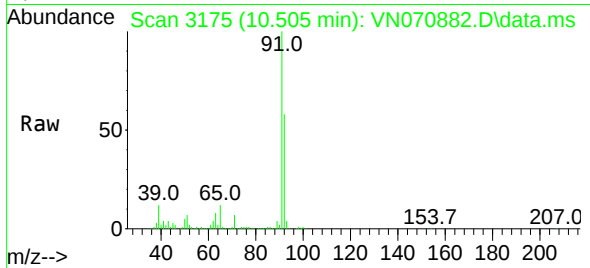




#52
Toluene
Concen: 9.051 ug/l
RT: 10.505 min Scan# 3174
Delta R.T. 0.003 min
Lab File: VN070882.D
Acq: 1 Feb 2022 19:53

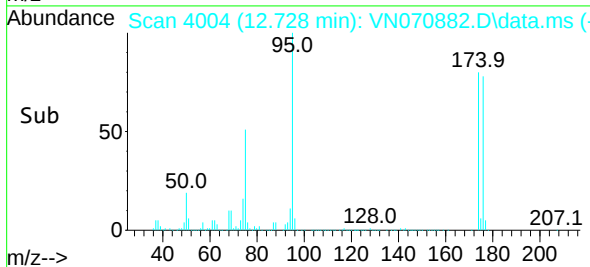
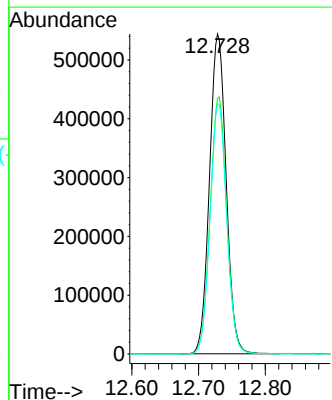
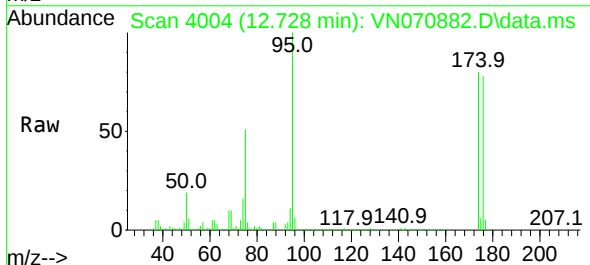
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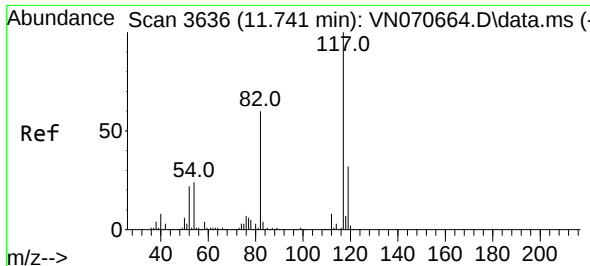
Tgt Ion: 92 Resp: 371628
Ion Ratio Lower Upper
92 100
91 173.5 142.0 213.0



#62
4-Bromofluorobenzene
Concen: 47.675 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. 0.000 min
Lab File: VN070882.D
Acq: 1 Feb 2022 19:53

Tgt Ion: 95 Resp: 941770
Ion Ratio Lower Upper
95 100
174 80.3 0.0 187.2
176 78.2 0.0 181.4

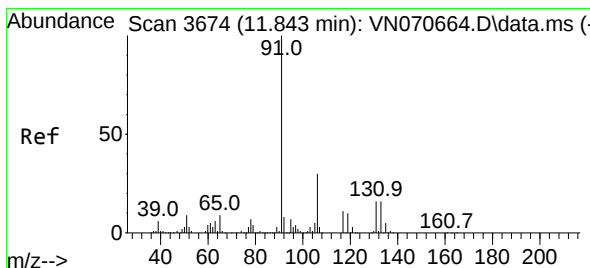
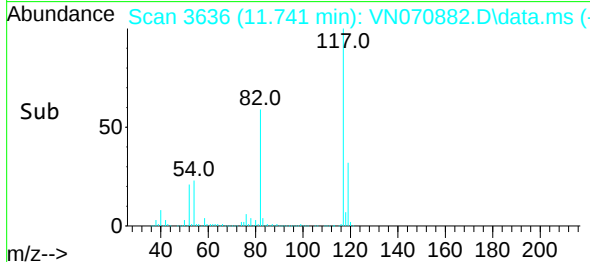
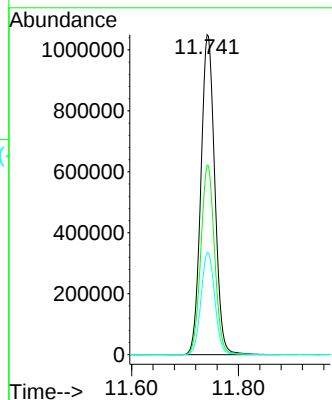
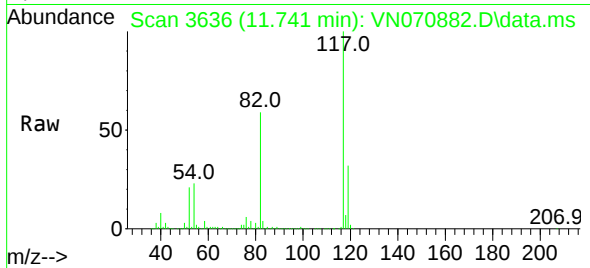




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.741 min Scan# 3636
Delta R.T. 0.000 min
Lab File: VN070882.D
Acq: 1 Feb 2022 19:53

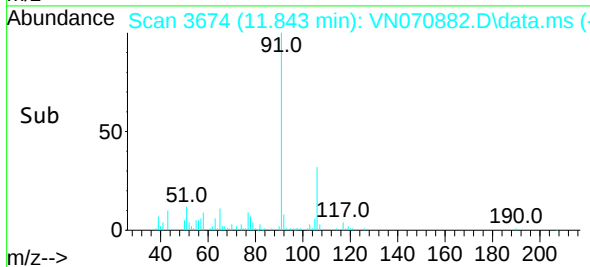
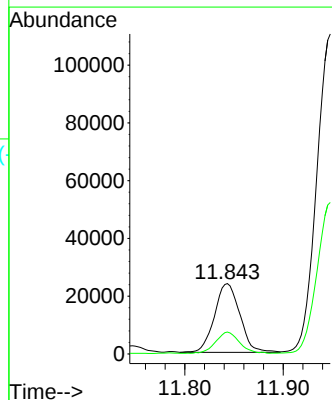
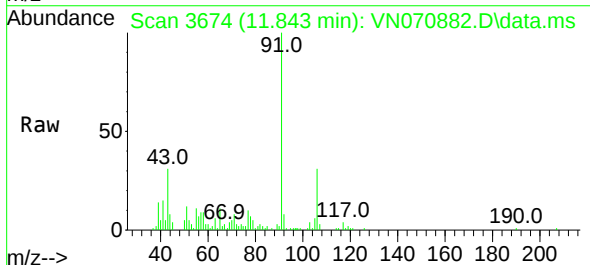
Instrument :
MSVOA_N
ClientSampleId :
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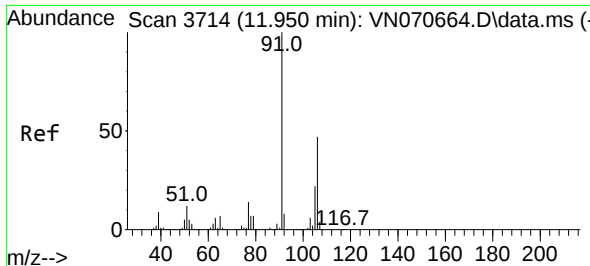
Tgt Ion:117 Resp: 1894311
Ion Ratio Lower Upper
117 100
82 59.2 42.4 63.6
119 31.9 25.4 38.2



#67
Ethyl Benzene
Concen: 0.560 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN070882.D
Acq: 1 Feb 2022 19:53

Tgt Ion: 91 Resp: 42625
Ion Ratio Lower Upper
91 100
106 31.1 25.7 38.5

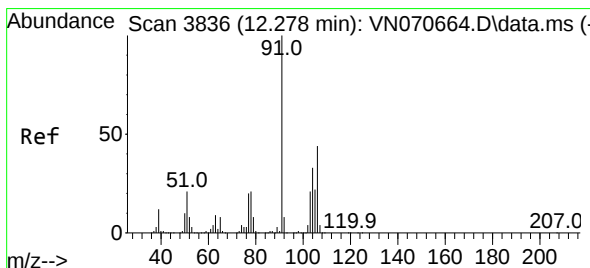
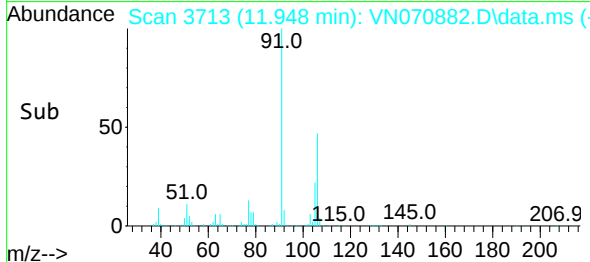
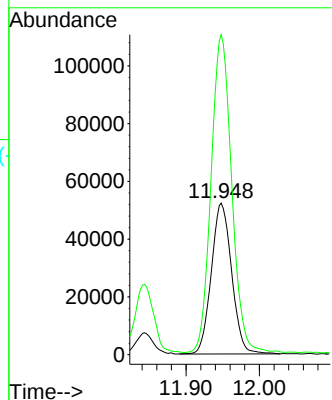
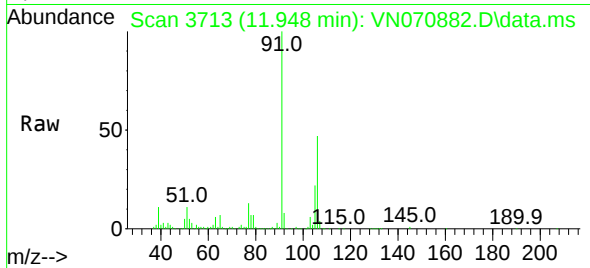




#68
m/p-Xylenes
Concen: 3.637 ug/l
RT: 11.948 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN070882.D
Acq: 1 Feb 2022 19:53

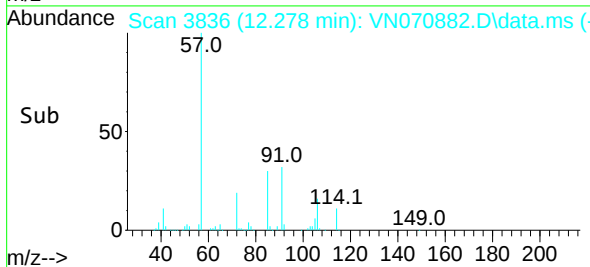
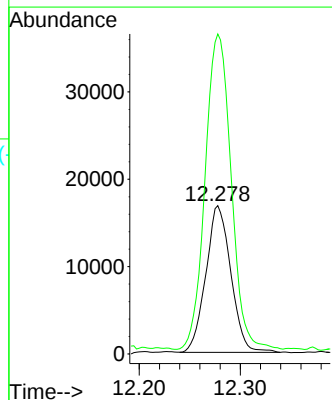
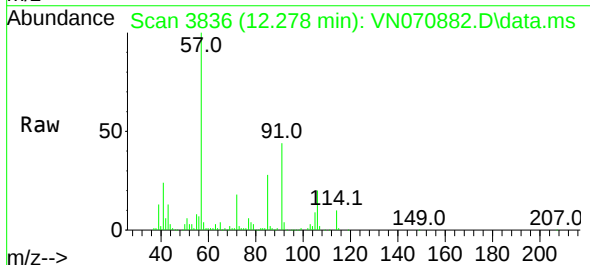
Instrument :
MSVOA_N
ClientSampleId :
31536

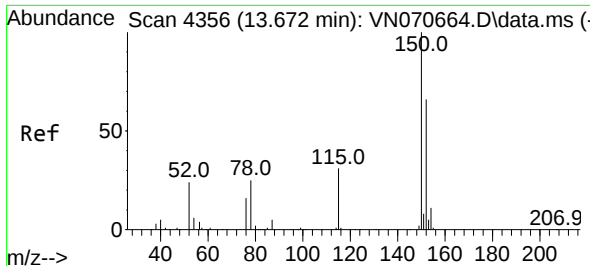
Tgt Ion:106 Resp: 100691
Ion Ratio Lower Upper
106 100
91 212.6 160.6 240.8



#69
o-Xylene
Concen: 1.051 ug/l
RT: 12.278 min Scan# 3836
Delta R.T. -0.000 min
Lab File: VN070882.D
Acq: 1 Feb 2022 19:53

Tgt Ion:106 Resp: 28880
Ion Ratio Lower Upper
106 100
91 222.9 105.8 317.3

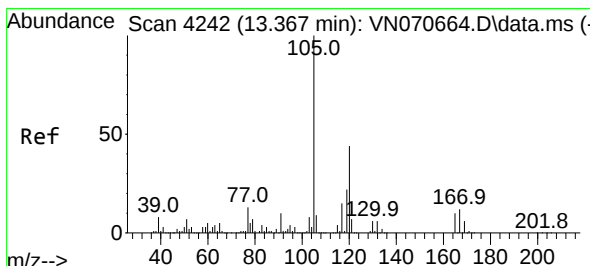
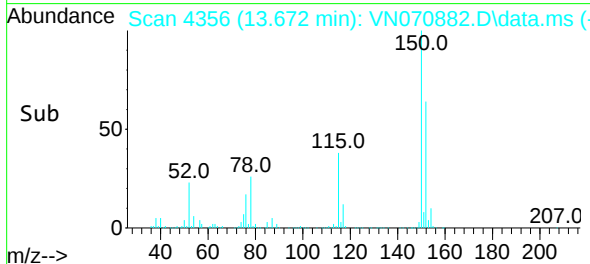
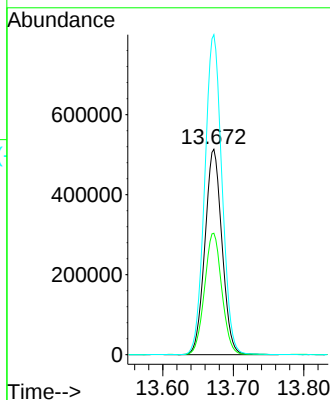
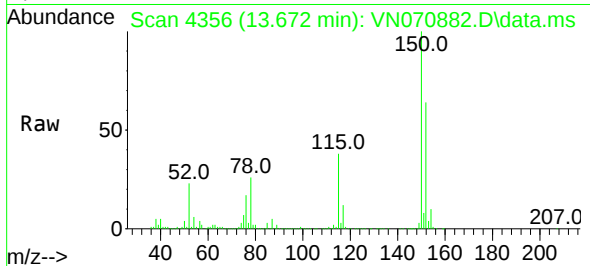




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.672 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VN070882.D
 Acq: 1 Feb 2022 19:53

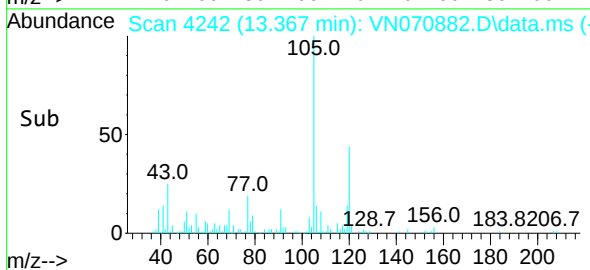
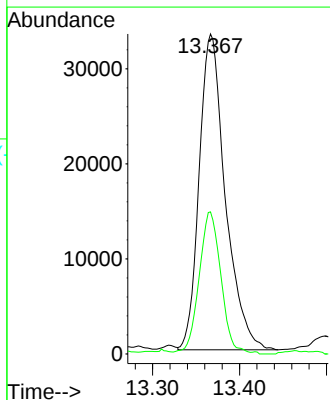
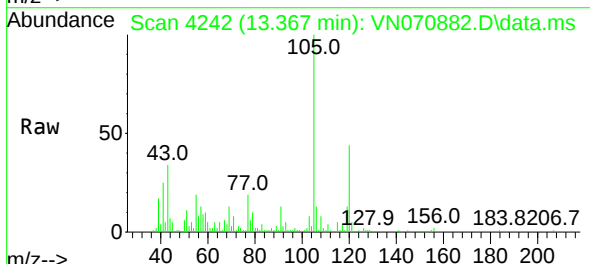
Instrument :
 MSVOA_N
 ClientSampleId :
 31536

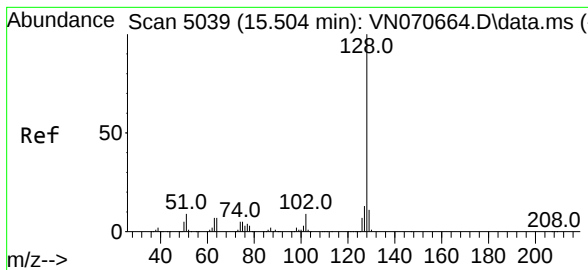
Tgt Ion:152 Resp: 863590
 Ion Ratio Lower Upper
 152 100
 115 59.5 27.5 82.5
 150 157.3 0.0 344.4



#84
 1,2,4-Trimethylbenzene
 Concen: 1.093 ug/l
 RT: 13.367 min Scan# 4242
 Delta R.T. -0.000 min
 Lab File: VN070882.D
 Acq: 1 Feb 2022 19:53

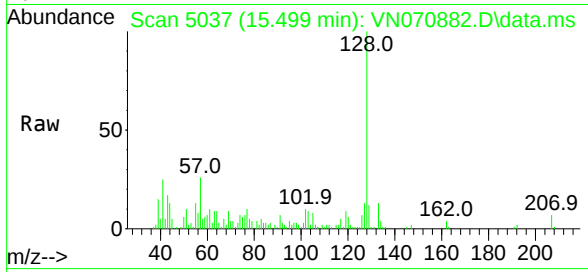
Tgt Ion:105 Resp: 69427
 Ion Ratio Lower Upper
 105 100
 120 36.2 22.8 68.4





#95
Naphthalene
Concen: 5.795 ug/l
RT: 15.499 min Scan# 50
Delta R.T. -0.005 min
Lab File: VN070882.D
Acq: 1 Feb 2022 19:53

Instrument :
MSVOA_N
ClientSampleId :
31536



Tgt Ion:128 Resp: 42063

Ion	Ratio	Lower	Upper
128	100		
127	11.6	10.5	15.7
129	5.2	8.7	13.1#

