

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022322\
 Data File : VN071037.D
 Acq On : 23 Feb 2022 16:56
 Operator : JC\MD
 Sample : N1638-02 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 40473

Quant Time: Feb 24 00:40:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 07:57:15 2022
 Response via : Initial Calibration

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

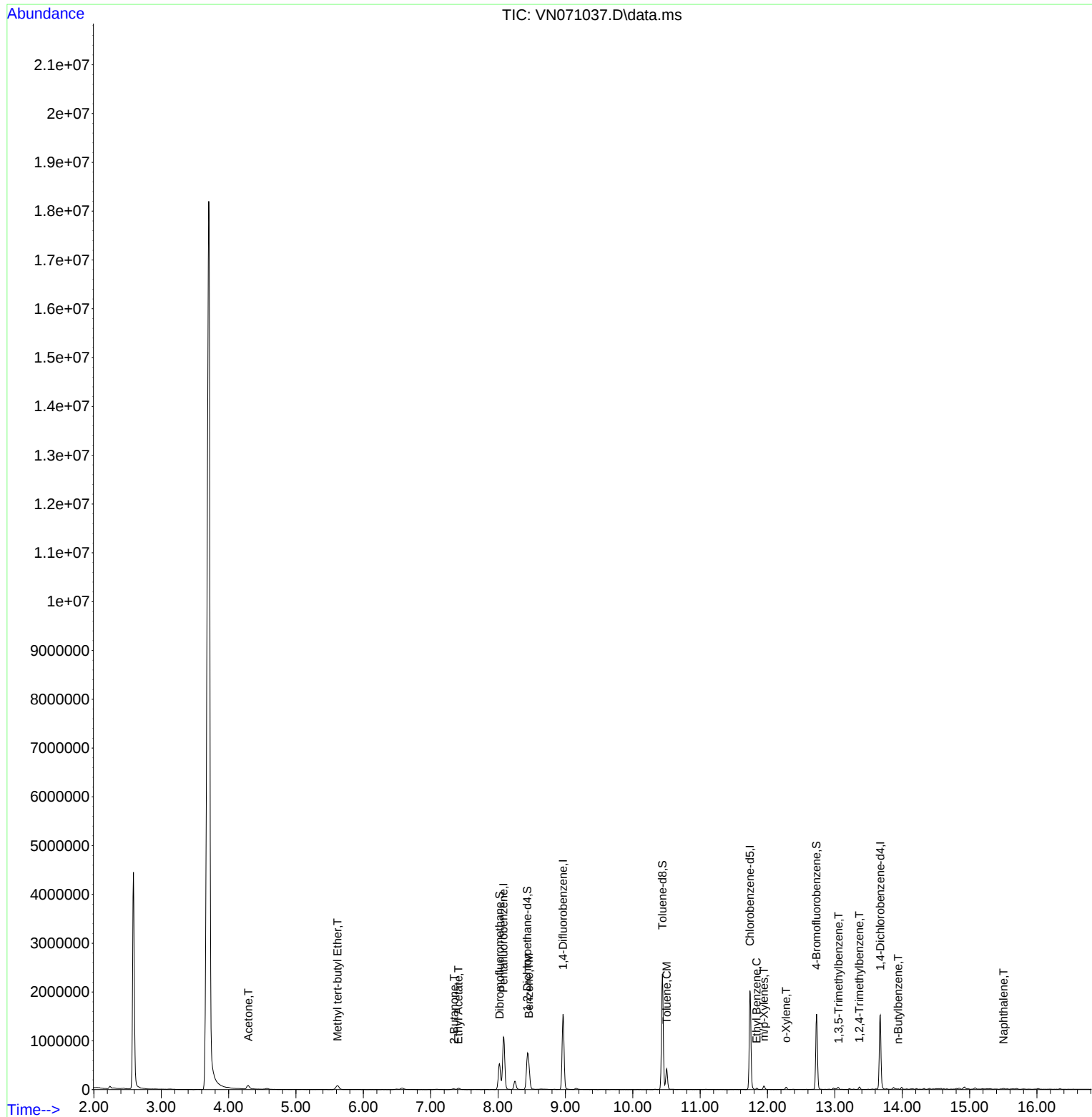
Internal Standards						
1) Pentafluorobenzene	8.081	168	854258	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1359563	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1204189	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	434677	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	510736	52.338	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 104.680%	
35) Dibromofluoromethane	8.022	113	397119	49.108	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 98.220%	
50) Toluene-d8	10.439	98	1624839	50.033	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 100.060%	
62) 4-Bromofluorobenzene	12.727	95	562296	48.440	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 96.880%	
Target Compounds						
					Qvalue	
16) Acetone	4.293	43	135109	25.141	ug/l	98
19) Methyl tert-butyl Ether	5.616	73	131597	4.486	ug/l	95
25) 2-Butanone	7.345	43	28959	4.051	ug/l	91
37) Ethyl Acetate	7.410	43	40473	2.848	ug/l	99
40) Benzene	8.457	78	349856	8.927	ug/l	97
52) Toluene	10.504	92	187866	7.629	ug/l	94
67) Ethyl Benzene	11.839	91	18760	0.413	ug/l	94
68) m/p-Xylenes	11.945	106	20489	1.168	ug/l	97
69) o-Xylene	12.274	106	12919	0.754	ug/l	100
80) 1,3,5-Trimethylbenzene	13.057	105	9033	0.319	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	29736	1.066	ug/l	97
89) n-Butylbenzene	13.939	91	6465	0.273	ug/l	92
95) Naphthalene	15.504	128	17541	5.802	ug/l	97

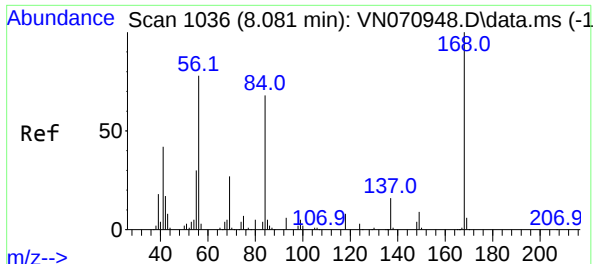
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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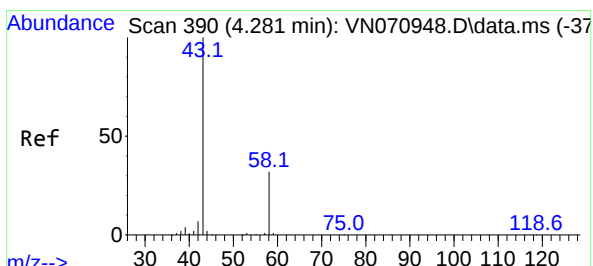
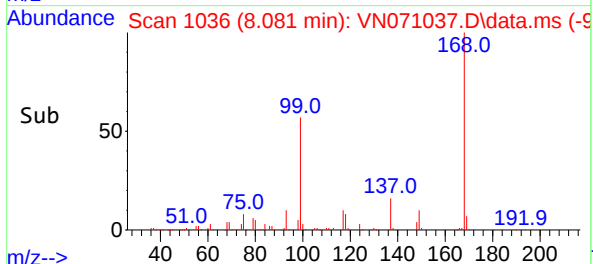
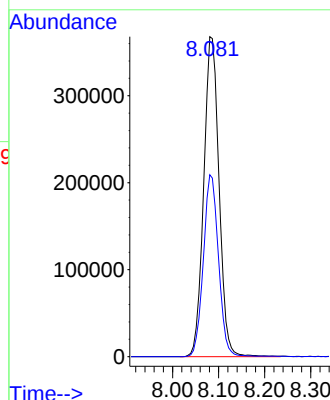
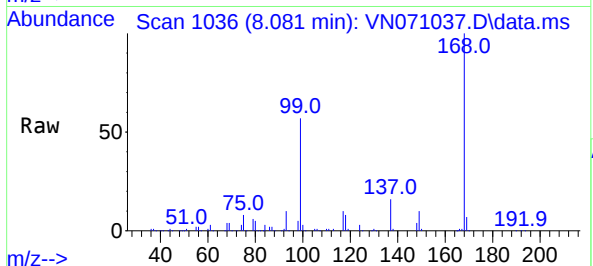




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN071037.D
Acq: 23 Feb 2022 16:56

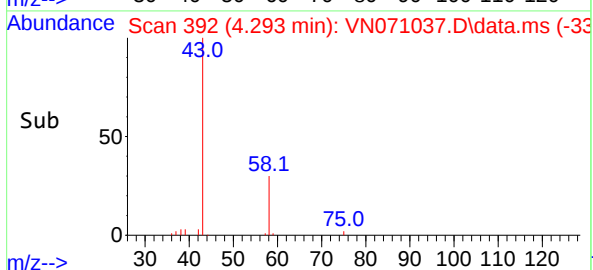
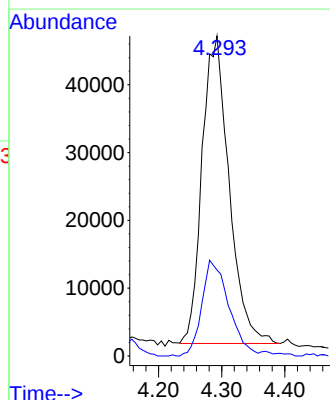
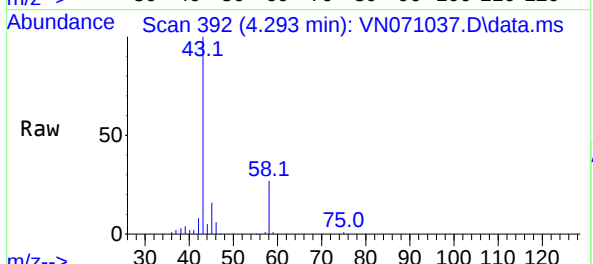
Instrument :
MSVOA_N
ClientSampleId :
40473

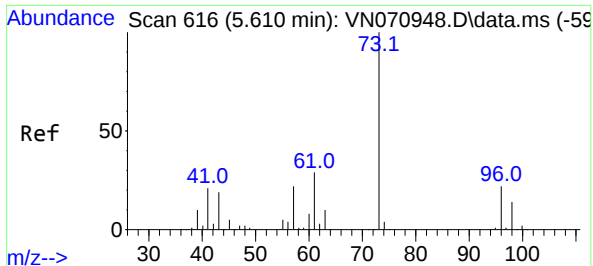
Tgt Ion:168 Resp: 854258
Ion Ratio Lower Upper
168 100
99 56.8 41.3 61.9



#16
Acetone
Concen: 25.141 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.012 min
Lab File: VN071037.D
Acq: 23 Feb 2022 16:56

Tgt Ion: 43 Resp: 135109
Ion Ratio Lower Upper
43 100
58 27.9 23.1 34.7





#19

Methyl tert-butyl Ether

Concen: 4.486 ug/l

RT: 5.616 min Scan# 61

Delta R.T. 0.006 min

Lab File: VN071037.D

Acq: 23 Feb 2022 16:56

Instrument :

MSVOA_N

ClientSampleId :

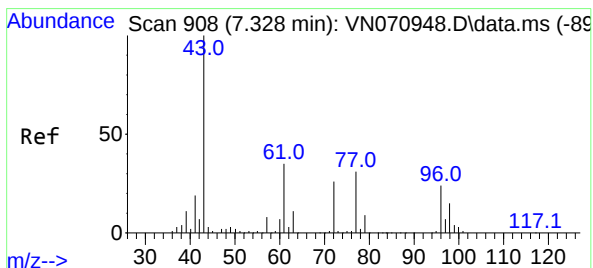
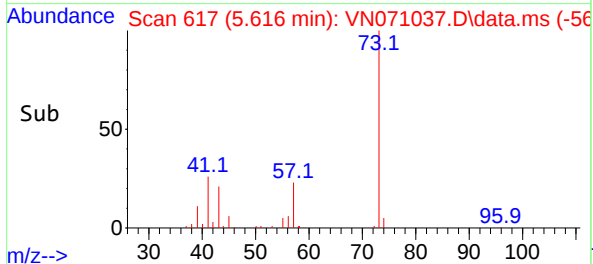
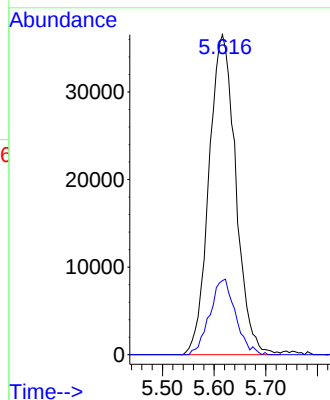
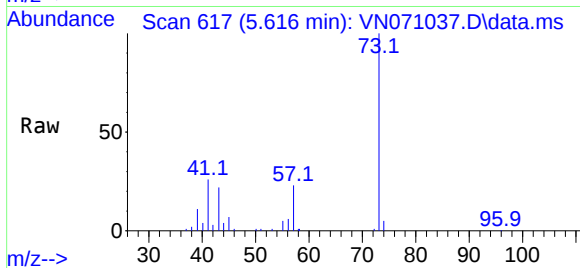
40473

Tgt Ion: 73 Resp: 131597

Ion Ratio Lower Upper

73 100

57 23.2 16.8 25.2



#25

2-Butanone

Concen: 4.051 ug/l

RT: 7.345 min Scan# 911

Delta R.T. 0.018 min

Lab File: VN071037.D

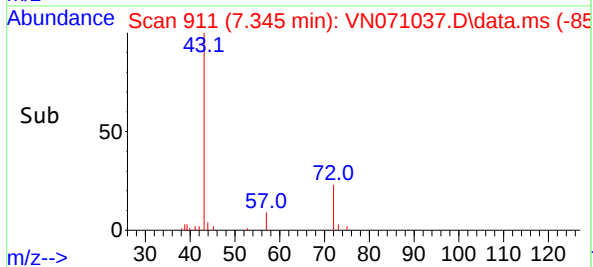
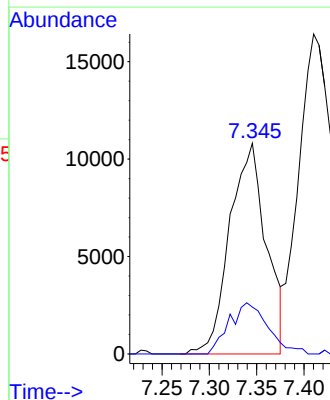
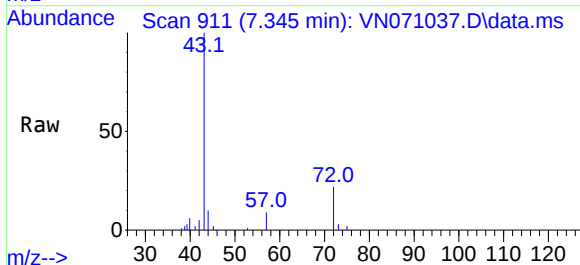
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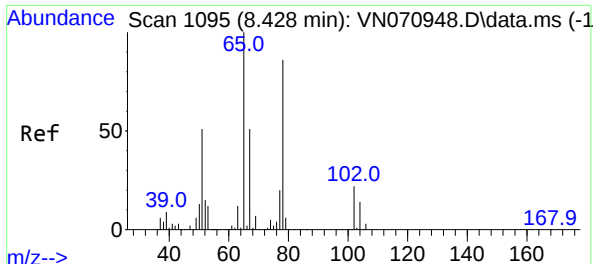
Tgt Ion: 43 Resp: 28959

Ion Ratio Lower Upper

43 100

72 22.2 21.7 32.5

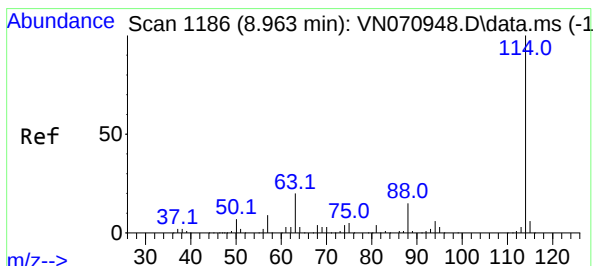
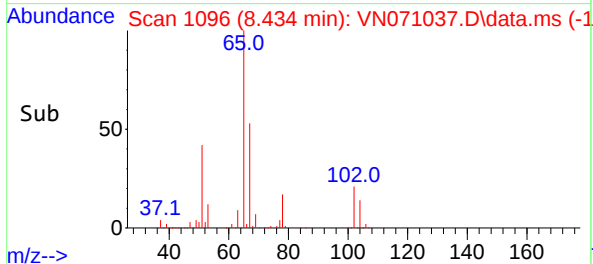
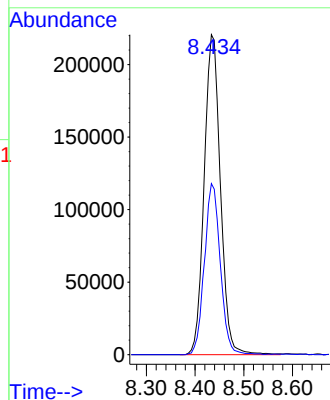
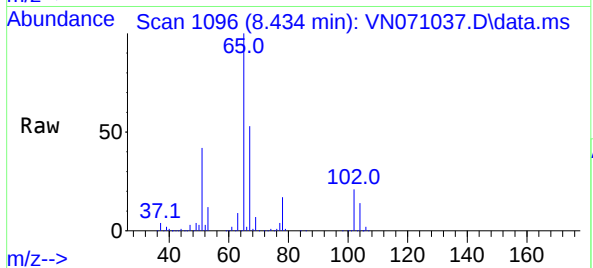




#33
1,2-Dichloroethane-d4
Concen: 52.338 ug/l
RT: 8.434 min Scan# 1095
Delta R.T. 0.006 min
Lab File: VN071037.D
Acq: 23 Feb 2022 16:56

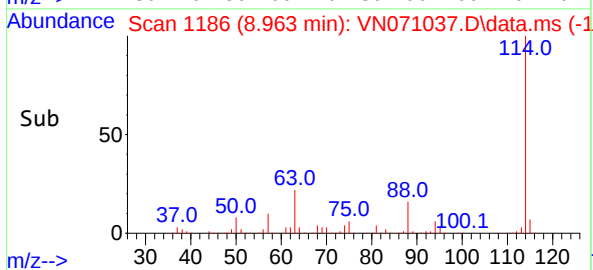
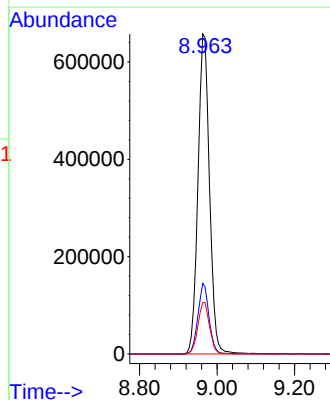
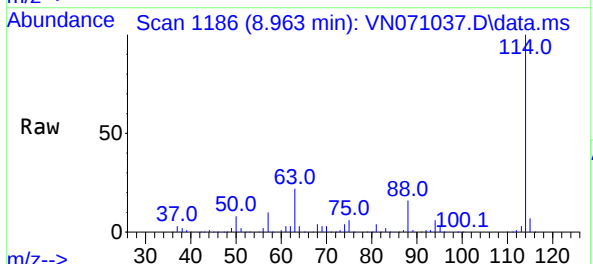
Instrument :
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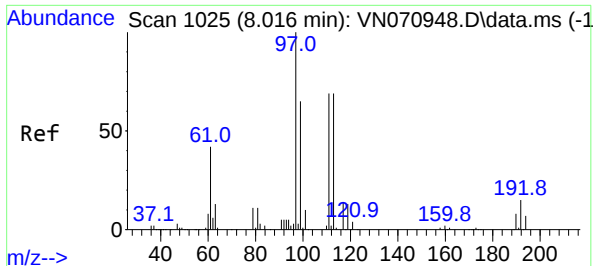
Tgt Ion: 65 Resp: 510736
Ion Ratio Lower Upper
65 100
67 52.3 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN071037.D
Acq: 23 Feb 2022 16:56

Tgt Ion: 114 Resp: 1359563
Ion Ratio Lower Upper
114 100
63 22.1 0.0 37.8
88 16.0 0.0 27.4





#35

Dibromofluoromethane

Concen: 49.108 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN071037.D

Acq: 23 Feb 2022 16:56

Instrument :

MSVOA_N

ClientSampleId :

40473

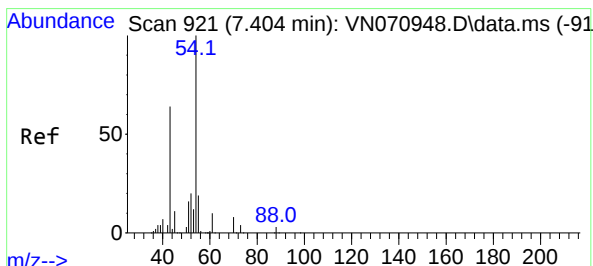
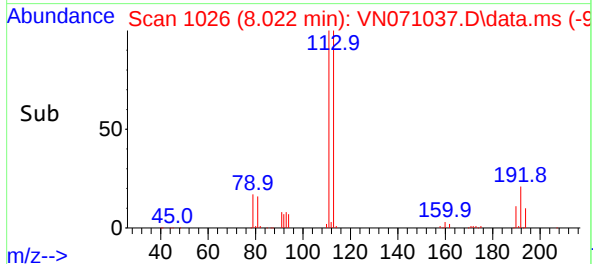
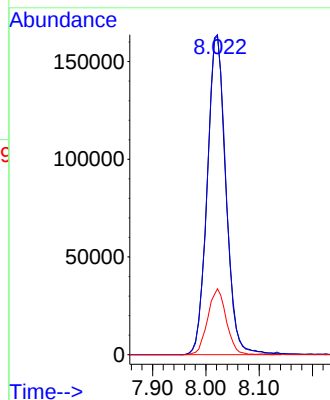
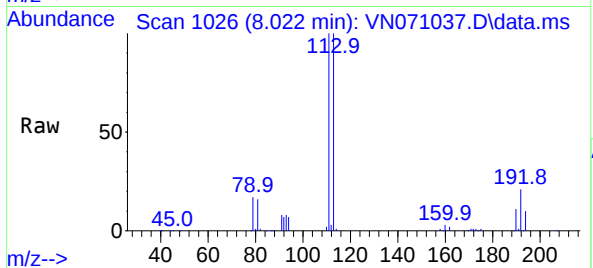
Tgt Ion:113 Resp: 397119

Ion Ratio Lower Upper

113 100

111 100.5 82.2 123.2

192 20.5 16.9 25.3



#37

Ethyl Acetate

Concen: 2.848 ug/l

RT: 7.410 min Scan# 922

Delta R.T. 0.006 min

Lab File: VN071037.D

Acq: 23 Feb 2022 16:56

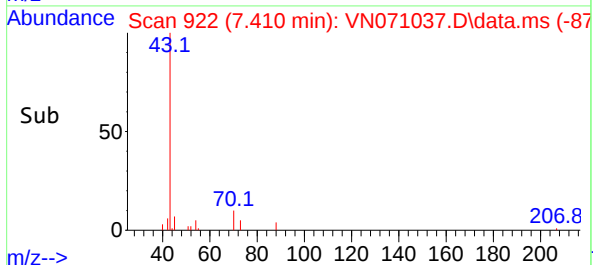
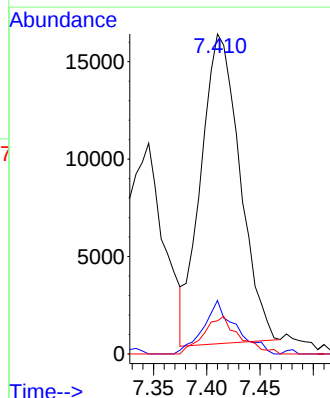
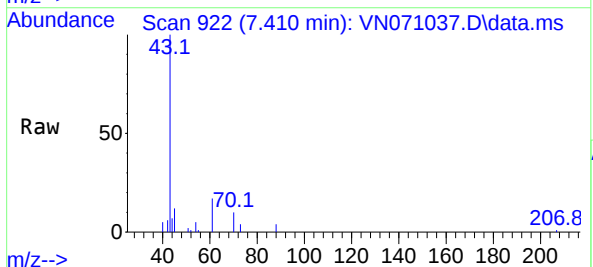
Tgt Ion: 43 Resp: 40473

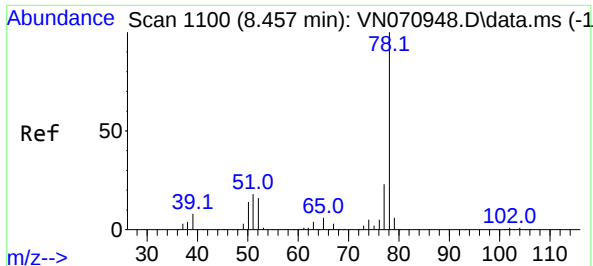
Ion Ratio Lower Upper

43 100

61 14.4 11.5 17.3

70 11.2 7.9 11.9

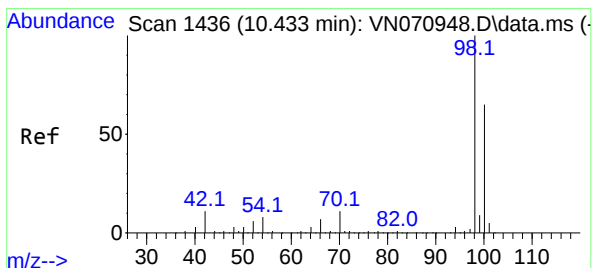
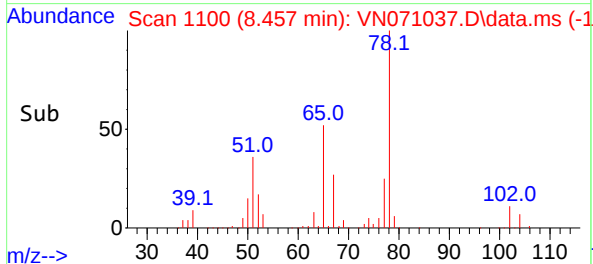
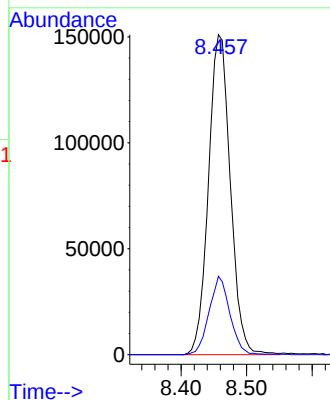
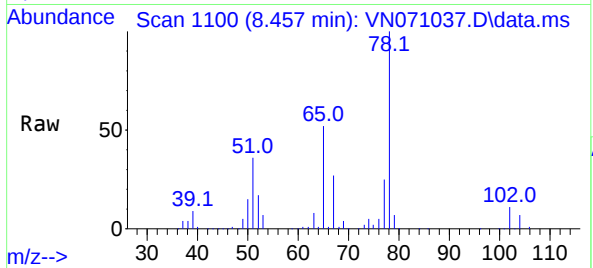




#40
Benzene
Concen: 8.927 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071037.D
Acq: 23 Feb 2022 16:56

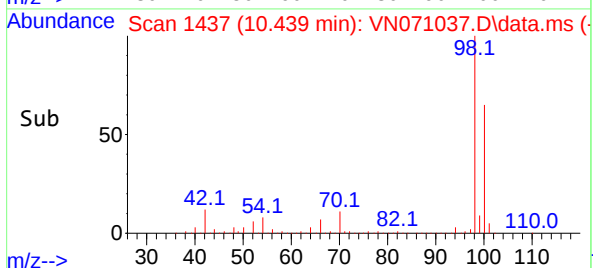
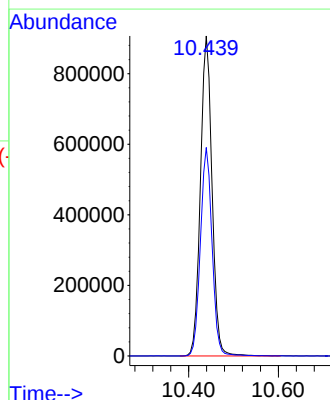
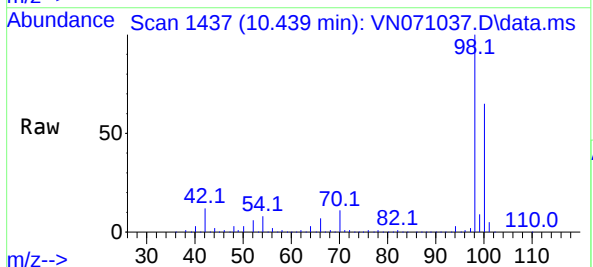
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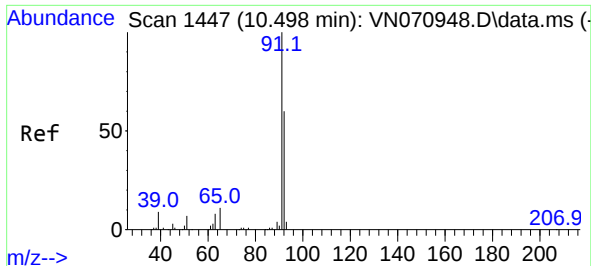
Tgt Ion: 78 Resp: 349856
Ion Ratio Lower Upper
78 100
77 24.5 18.6 27.8



#50
Toluene-d8
Concen: 50.033 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.006 min
Lab File: VN071037.D
Acq: 23 Feb 2022 16:56

Tgt Ion: 98 Resp: 1624839
Ion Ratio Lower Upper
98 100
100 65.4 50.4 75.6

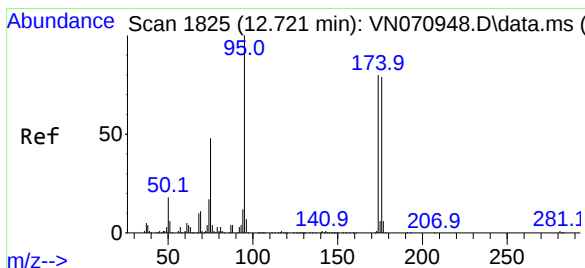
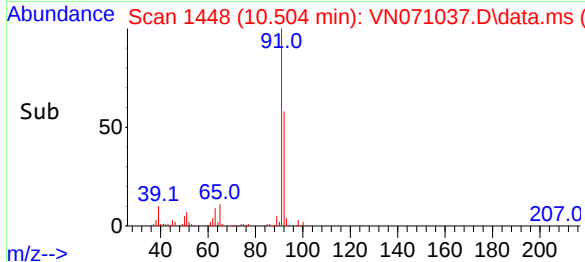
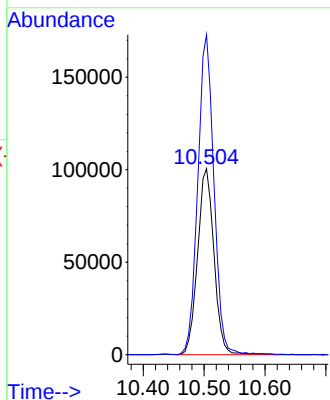
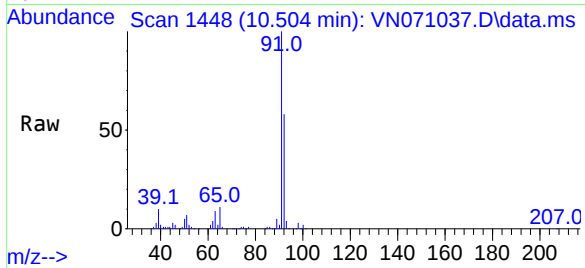




#52
Toluene
Concen: 7.629 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN071037.D
Acq: 23 Feb 2022 16:56

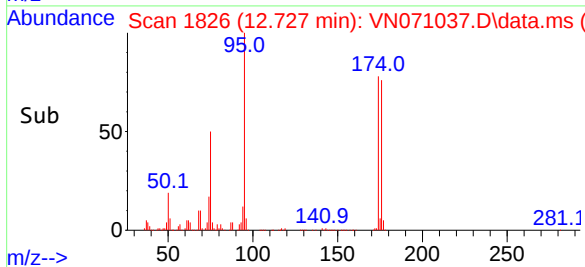
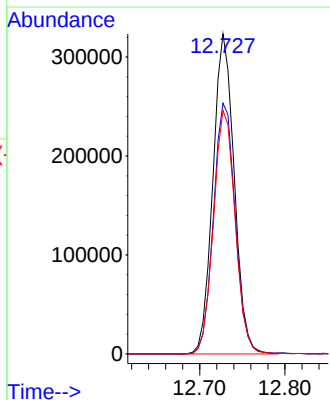
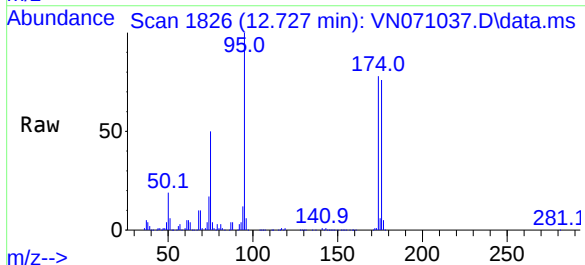
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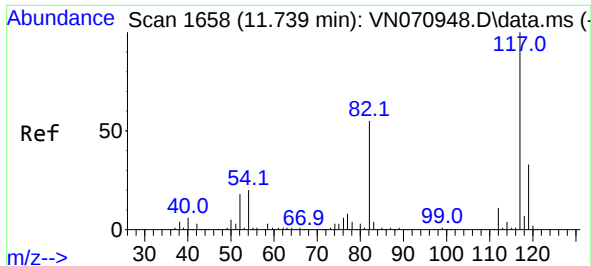
Tgt Ion: 92 Resp: 187866
Ion Ratio Lower Upper
92 100
91 169.6 142.0 213.0



#62
4-Bromofluorobenzene
Concen: 48.440 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN071037.D
Acq: 23 Feb 2022 16:56

Tgt Ion: 95 Resp: 562296
Ion Ratio Lower Upper
95 100
174 80.3 0.0 187.2
176 77.5 0.0 181.4

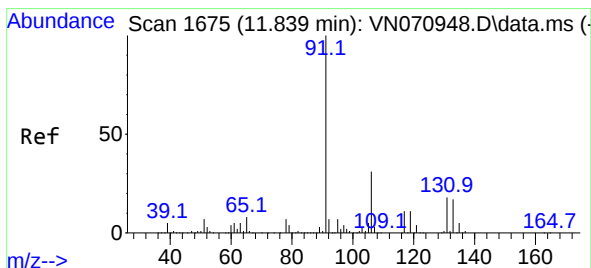
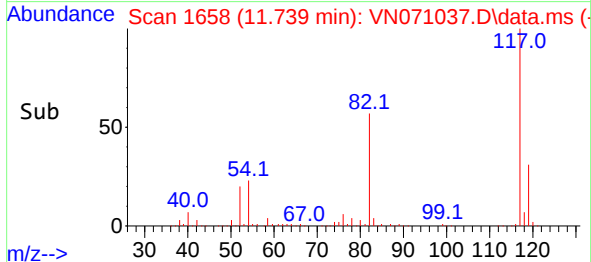
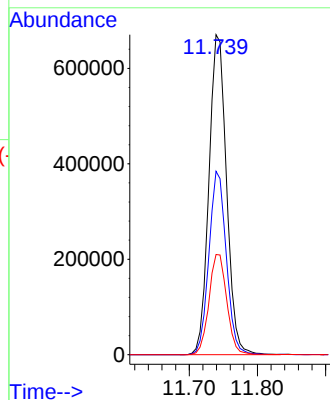
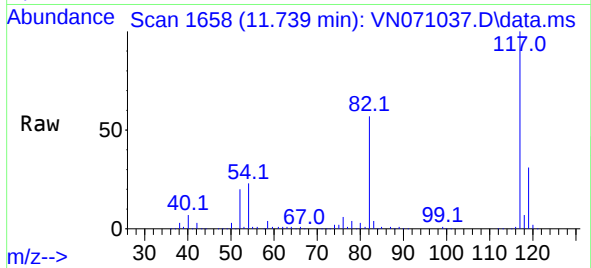




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071037.D
Acq: 23 Feb 2022 16:56

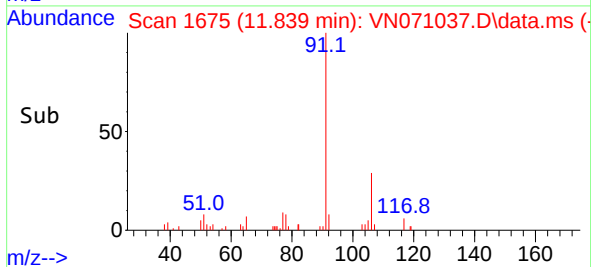
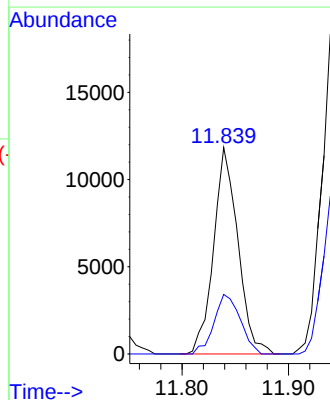
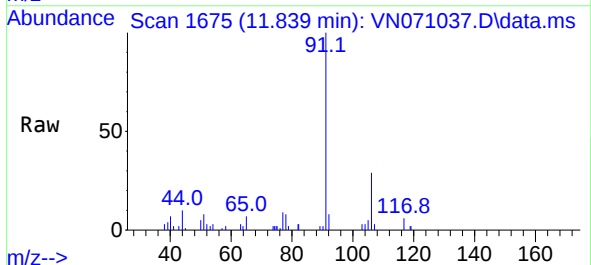
Instrument :
MSVOA_N
ClientSampleId :
40473

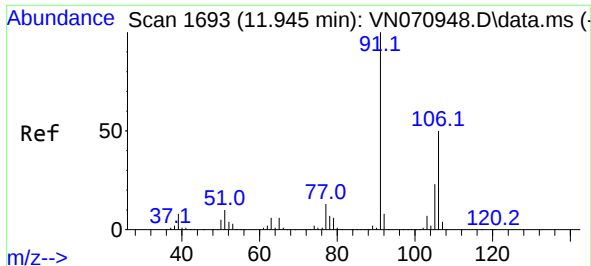
Tgt Ion:117 Resp: 1204189
Ion Ratio Lower Upper
117 100
82 57.3 42.4 63.6
119 31.3 25.4 38.2



#67
Ethyl Benzene
Concen: 0.413 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071037.D
Acq: 23 Feb 2022 16:56

Tgt Ion: 91 Resp: 18760
Ion Ratio Lower Upper
91 100
106 28.8 25.7 38.5

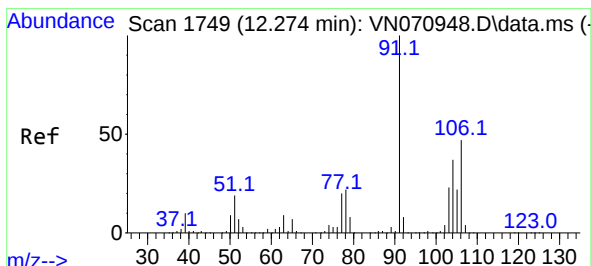
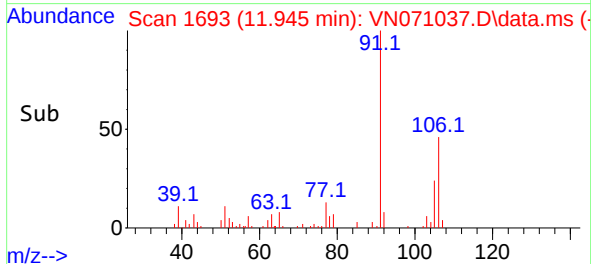
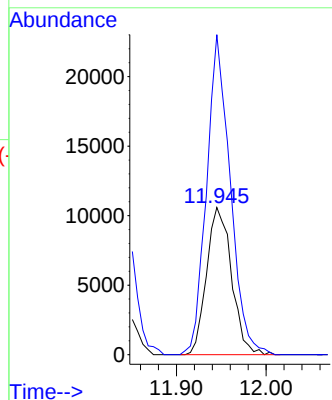
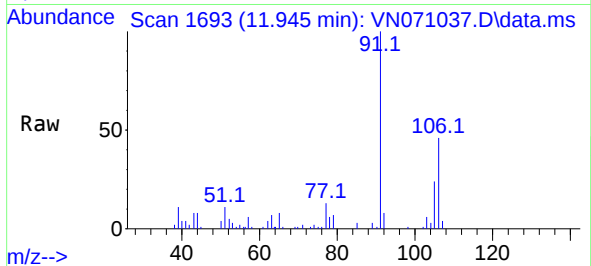




#68
m/p-Xylenes
Concen: 1.168 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN071037.D
Acq: 23 Feb 2022 16:56

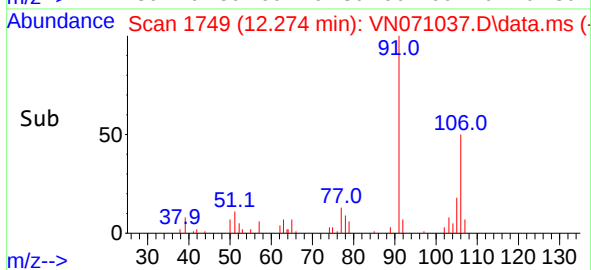
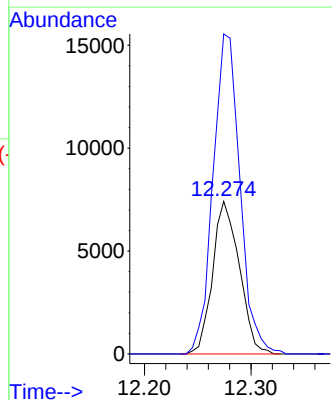
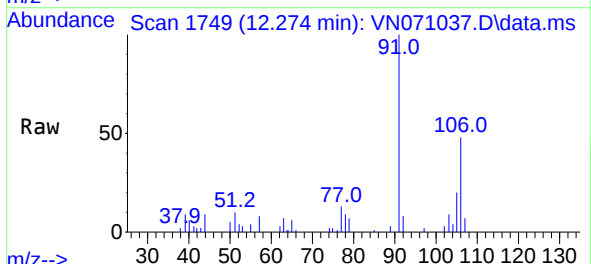
Instrument :
MSVOA_N
ClientSampleId :
40473

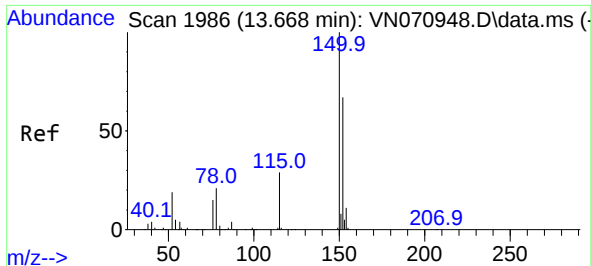
Tgt Ion:106 Resp: 20489
Ion Ratio Lower Upper
106 100
91 205.9 160.6 240.8



#69
o-Xylene
Concen: 0.754 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN071037.D
Acq: 23 Feb 2022 16:56

Tgt Ion:106 Resp: 12919
Ion Ratio Lower Upper
106 100
91 211.0 105.8 317.3

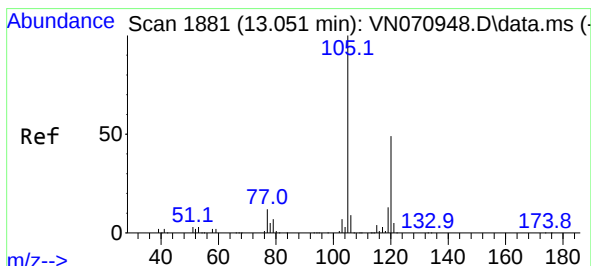
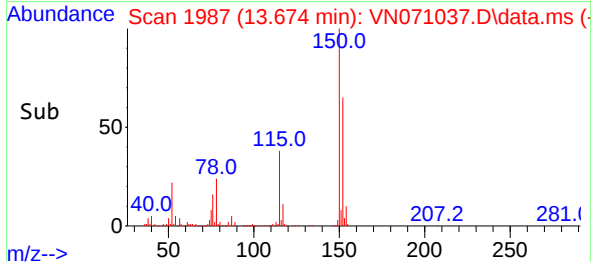
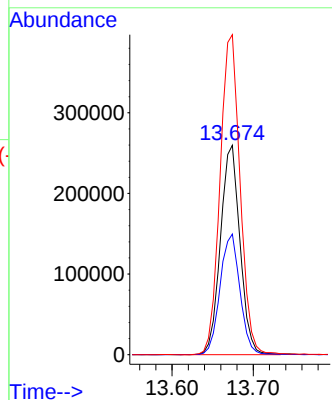
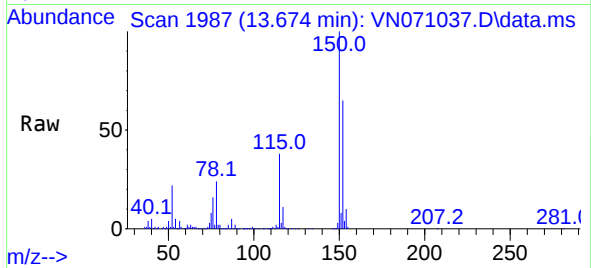




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1986
Delta R.T. 0.006 min
Lab File: VN071037.D
Acq: 23 Feb 2022 16:56

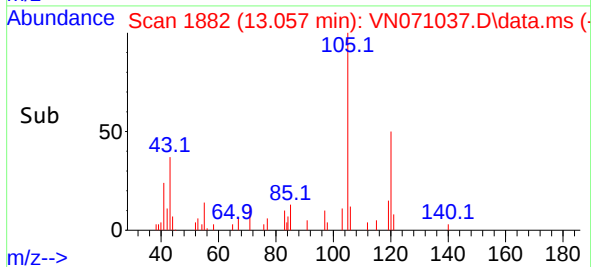
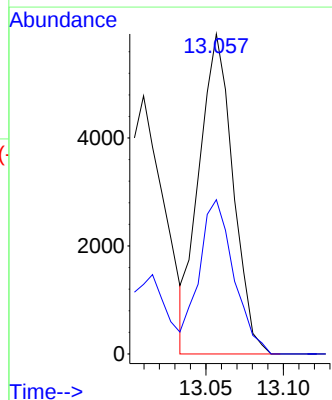
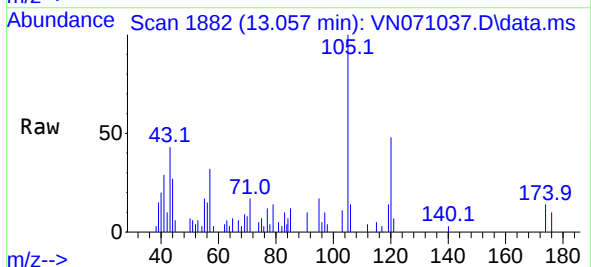
Instrument :
MSVOA_N
ClientSampleId :
40473

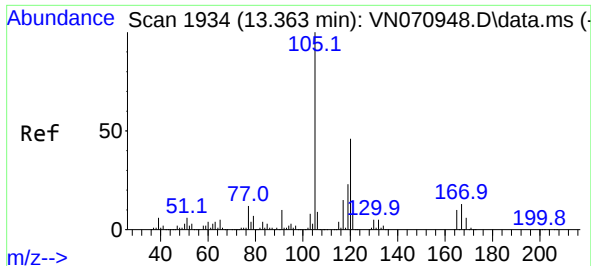
Tgt Ion:152 Resp: 434677
Ion Ratio Lower Upper
152 100
115 58.8 27.5 82.5
150 157.2 0.0 344.4



#80
1,3,5-Trimethylbenzene
Concen: 0.319 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN071037.D
Acq: 23 Feb 2022 16:56

Tgt Ion:105 Resp: 9033
Ion Ratio Lower Upper
105 100
120 49.5 24.6 73.6

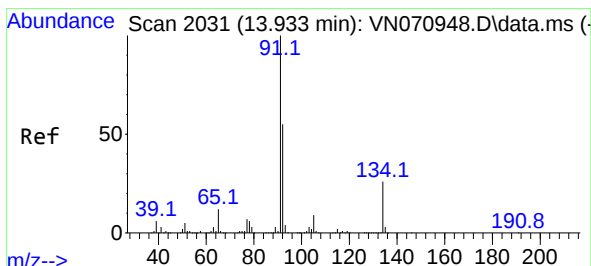
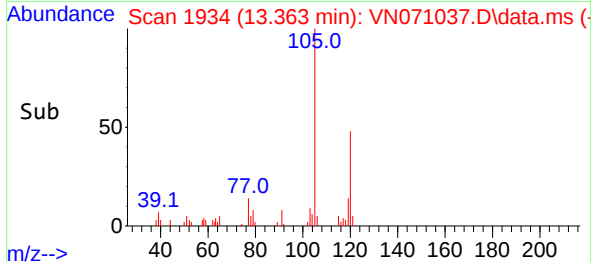
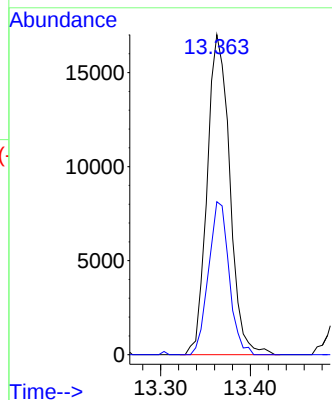
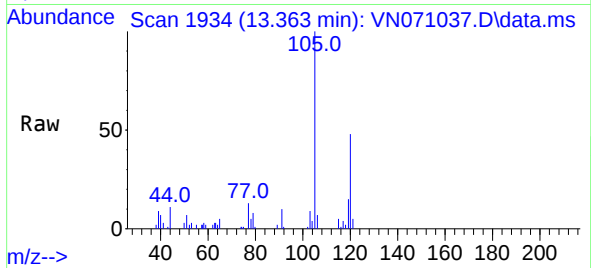




#84
1,2,4-Trimethylbenzene
Concen: 1.066 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN071037.D
Acq: 23 Feb 2022 16:56

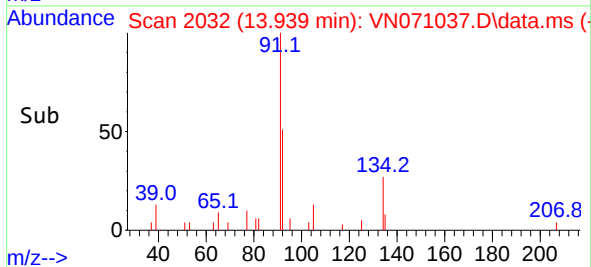
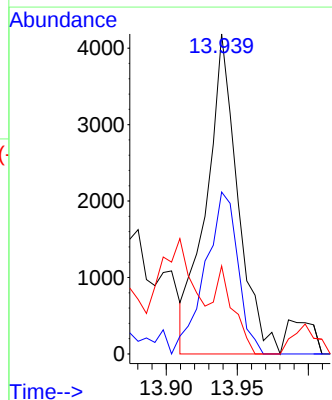
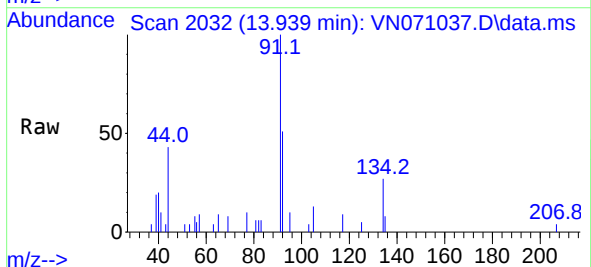
Instrument :
MSVOA_N
ClientSampleId :
40473

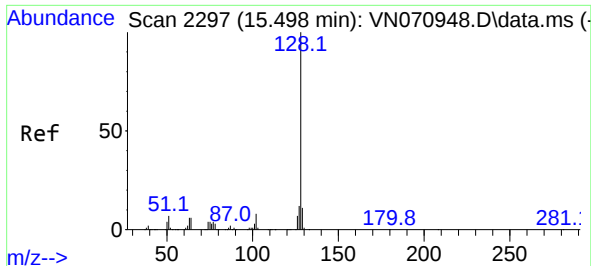
Tgt Ion:105 Resp: 29736
Ion Ratio Lower Upper
105 100
120 43.5 22.8 68.4



#89
n-Butylbenzene
Concen: 0.273 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.006 min
Lab File: VN071037.D
Acq: 23 Feb 2022 16:56

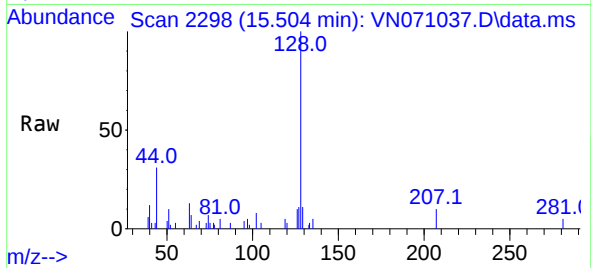
Tgt Ion: 91 Resp: 6465
Ion Ratio Lower Upper
91 100
92 52.3 25.4 76.0
134 17.2 13.6 40.8





#95
Naphthalene
Concen: 5.802 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN071037.D
Acq: 23 Feb 2022 16:56

Instrument :
MSVOA_N
ClientSampleId :
40473



Tgt Ion:	128	Resp:	17541
Ion	Ratio	Lower	Upper
128	100		
127	12.0	10.5	15.7
129	9.7	8.7	13.1

