

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021822\
 Data File : VN071016.D
 Acq On : 18 Feb 2022 21:27
 Operator : JC\MD
 Sample : N1611-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1070

Quant Time: Feb 19 00:45:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 16 07:52:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	873348	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1383755	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1250156	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	532518	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	515324	51.654	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	103.300%
35) Dibromofluoromethane	8.016	113	404751	49.176	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.360%
50) Toluene-d8	10.439	98	1668948	50.493	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.980%
62) 4-Bromofluorobenzene	12.727	95	638838	54.071	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	108.140%

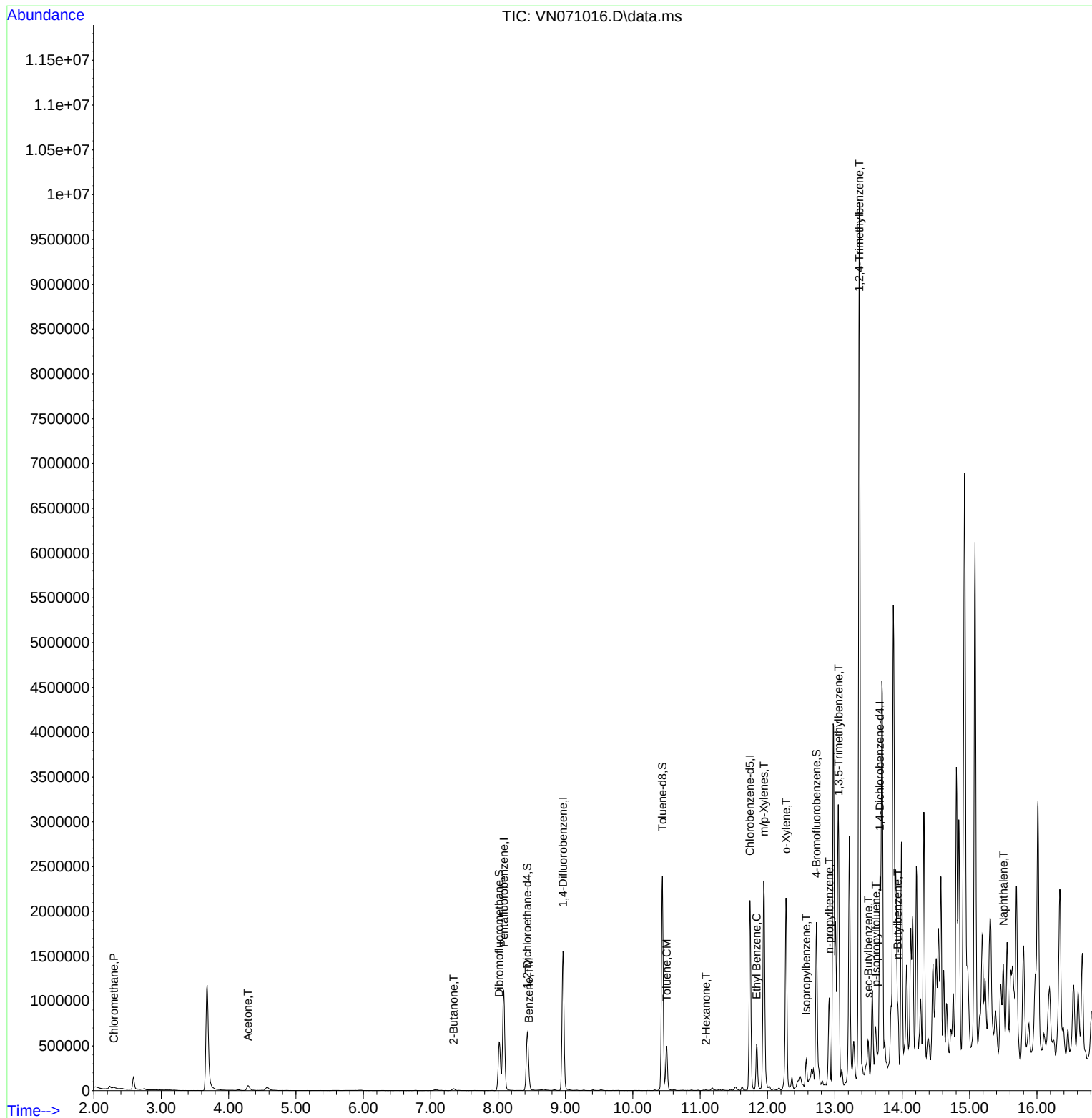
Target Compounds					Qvalue	
3) Chloromethane	2.299	50	2664	0.234	ug/l	# 81
16) Acetone	4.287	43	100748	18.337	ug/l	91
25) 2-Butanone	7.339	43	40237	5.505	ug/l	92
40) Benzene	8.457	78	52864	1.325	ug/l	95
52) Toluene	10.504	92	217051	8.660	ug/l	96
59) 2-Hexanone	11.086	43	8384	0.879	ug/l	74
67) Ethyl Benzene	11.839	91	369753	7.842	ug/l	97
68) m/p-Xylenes	11.945	106	687120	37.728	ug/l	98
69) o-Xylene	12.274	106	601953	33.835	ug/l	100
73) Isopropylbenzene	12.574	105	180661	4.215	ug/l	98
78) n-propylbenzene	12.916	91	783639	16.272	ug/l	98
80) 1,3,5-Trimethylbenzene	13.057	105	1175714	33.857	ug/l	100
84) 1,2,4-Trimethylbenzene	13.363	105	5473945	160.135	ug/l	99
85) sec-Butylbenzene	13.498	105	241360	5.562	ug/l	88
86) p-Isopropyltoluene	13.610	119	169683	4.763	ug/l	97
89) n-Butylbenzene	13.933	91	352465	12.127	ug/l	# 76
95) Naphthalene	15.504	128	807962	35.540	ug/l	98

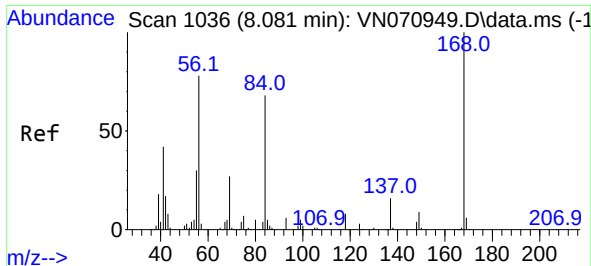
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

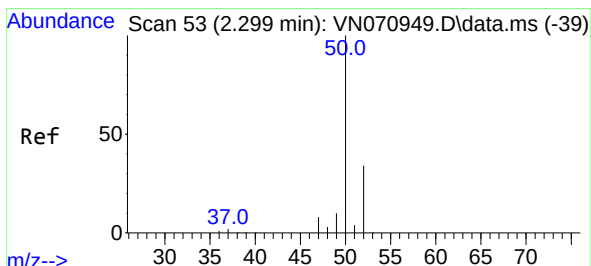
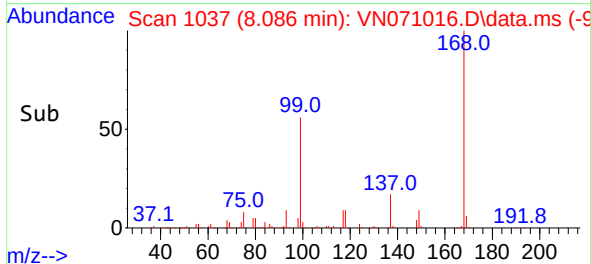
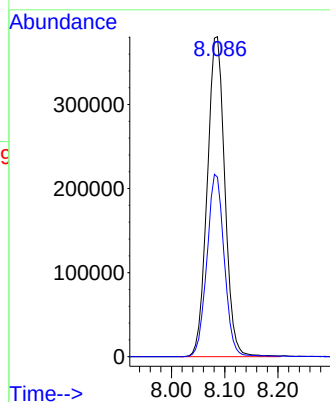
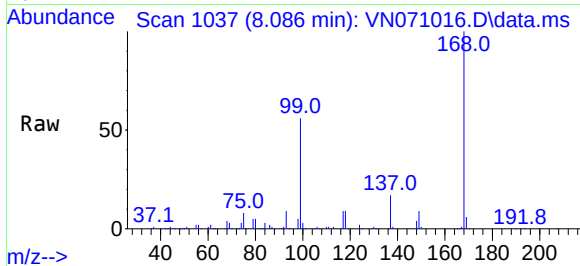




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1070
Delta R.T. 0.005 min
Lab File: VN071016.D
Acq: 18 Feb 2022 21:27

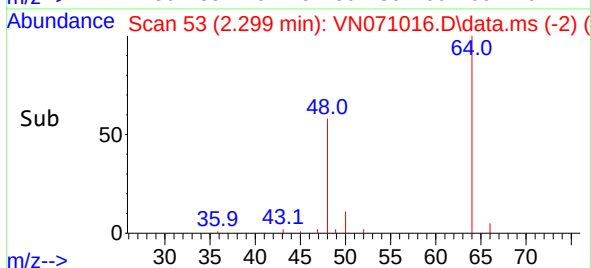
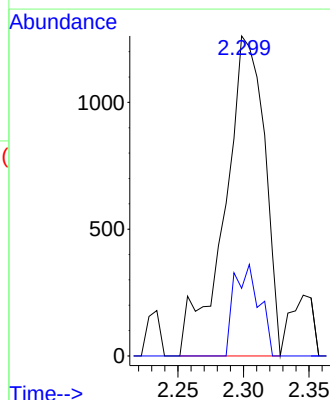
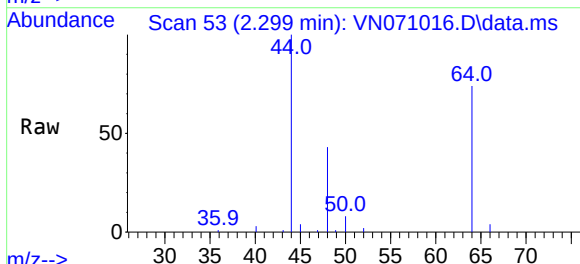
Instrument :
MSVOA_N
ClientSampleId :
1070

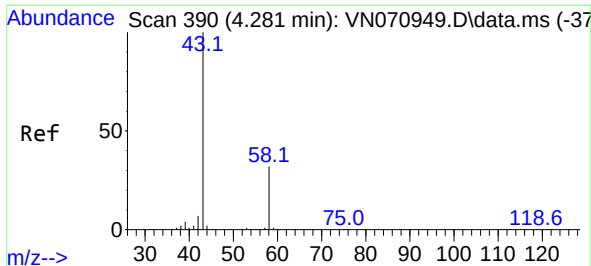
Tgt Ion:168 Resp: 873348
Ion Ratio Lower Upper
168 100
99 56.1 41.3 61.9



#3
Chloromethane
Concen: 0.234 ug/l
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN071016.D
Acq: 18 Feb 2022 21:27

Tgt Ion: 50 Resp: 2664
Ion Ratio Lower Upper
50 100
52 21.2 25.4 38.0#

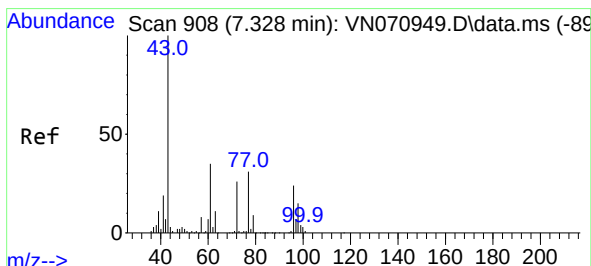
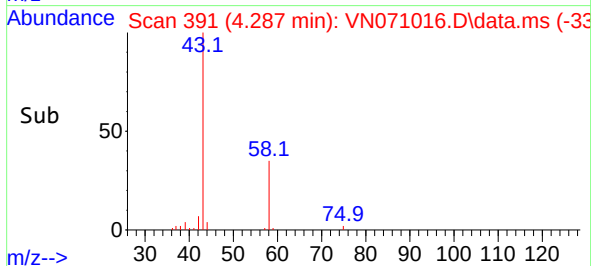
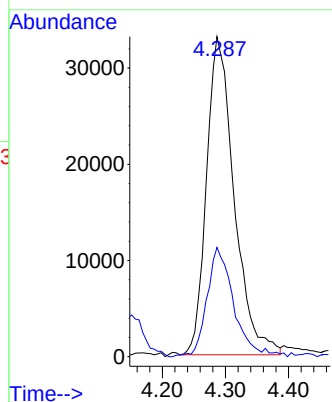
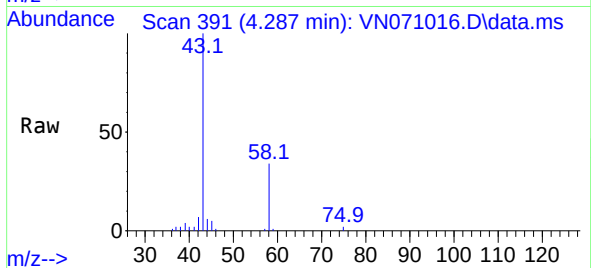




#16
Acetone
Concen: 18.337 ug/l
RT: 4.287 min Scan# 390
Delta R.T. 0.006 min
Lab File: VN071016.D
Acq: 18 Feb 2022 21:27

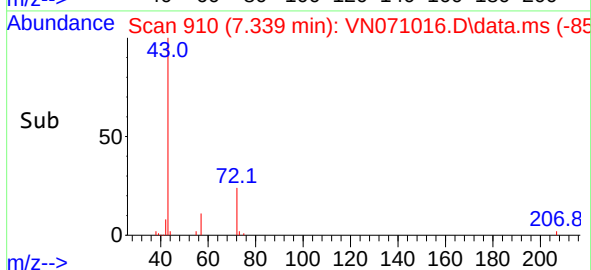
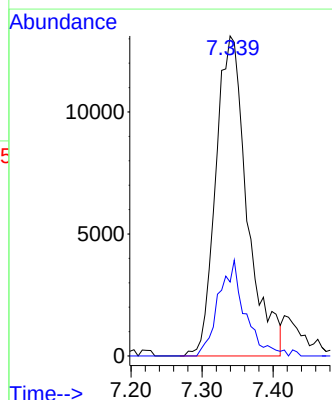
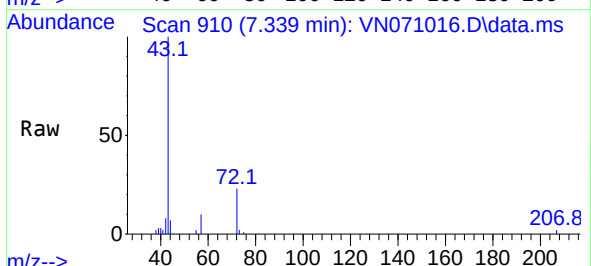
Instrument :
MSVOA_N
ClientSampleId :
1070

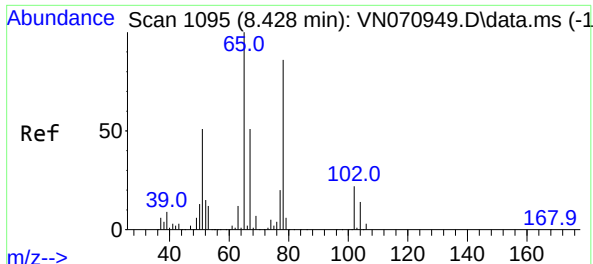
Tgt Ion: 43 Resp: 100748
Ion Ratio Lower Upper
43 100
58 33.8 23.1 34.7



#25
2-Butanone
Concen: 5.505 ug/l
RT: 7.339 min Scan# 910
Delta R.T. 0.012 min
Lab File: VN071016.D
Acq: 18 Feb 2022 21:27

Tgt Ion: 43 Resp: 40237
Ion Ratio Lower Upper
43 100
72 23.1 21.7 32.5

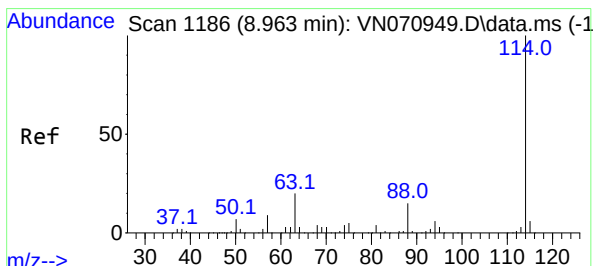
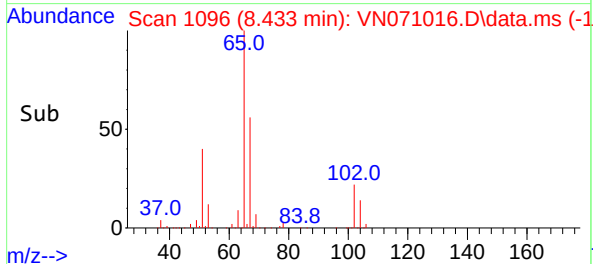
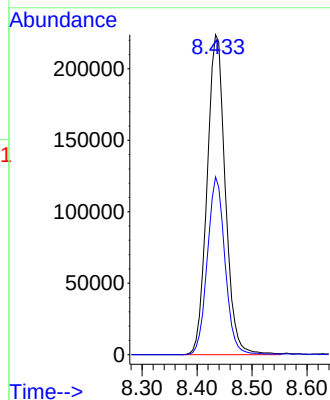
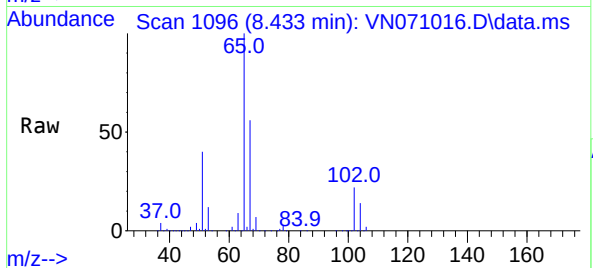




#33
1,2-Dichloroethane-d4
Concen: 51.654 ug/l
RT: 8.433 min Scan# 1095
Delta R.T. 0.006 min
Lab File: VN071016.D
Acq: 18 Feb 2022 21:27

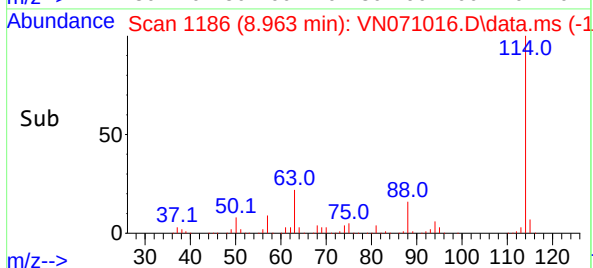
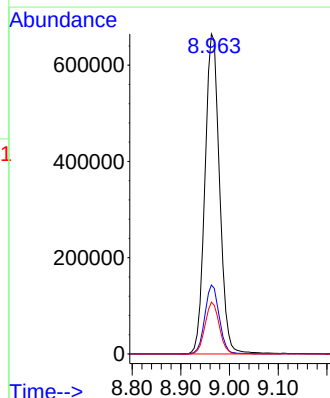
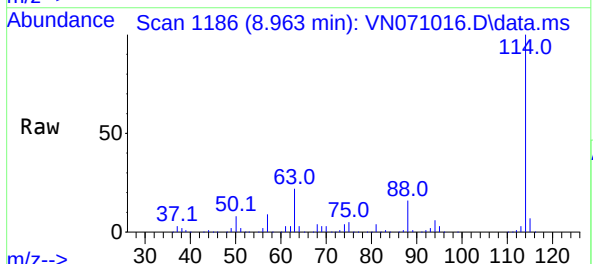
Instrument :
MSVOA_N
ClientSampleId :
1070

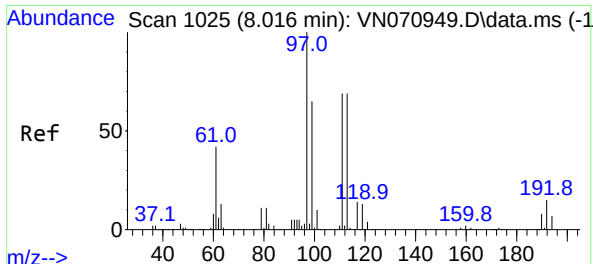
Tgt Ion: 65 Resp: 515324
Ion Ratio Lower Upper
65 100
67 53.9 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071016.D
Acq: 18 Feb 2022 21:27

Tgt Ion: 114 Resp: 1383755
Ion Ratio Lower Upper
114 100
63 21.5 0.0 37.8
88 16.2 0.0 27.4

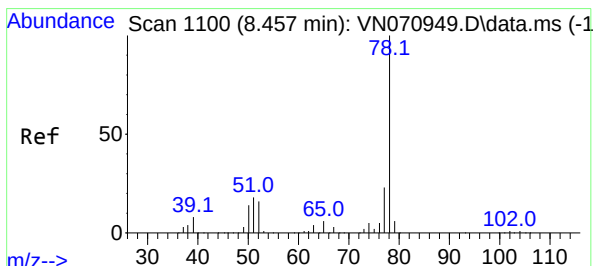
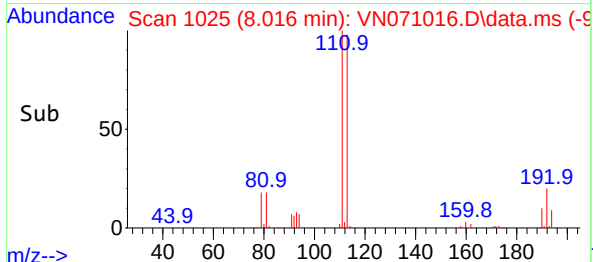
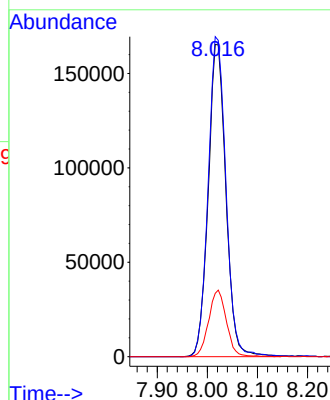
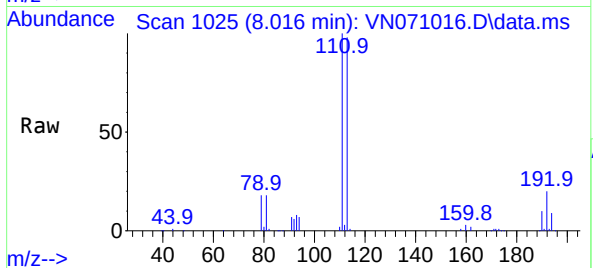




#35
Dibromofluoromethane
Concen: 49.176 ug/l
RT: 8.016 min Scan# 11070
Delta R.T. -0.000 min
Lab File: VN071016.D
Acq: 18 Feb 2022 21:27

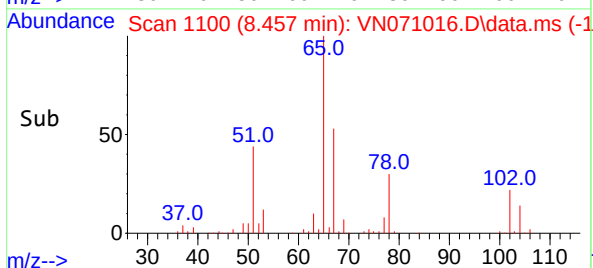
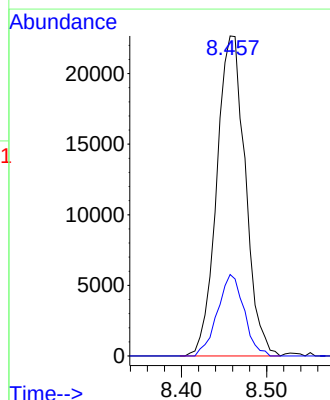
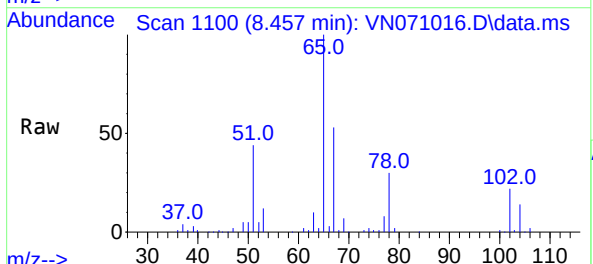
Instrument :
MSVOA_N
ClientSampleId :
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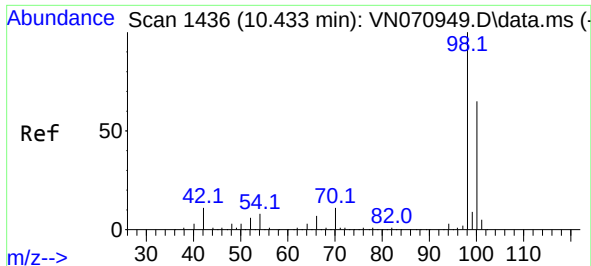
Tgt Ion:113 Resp: 404751
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 21.3 16.9 25.3



#40
Benzene
Concen: 1.325 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071016.D
Acq: 18 Feb 2022 21:27

Tgt Ion: 78 Resp: 52864
Ion Ratio Lower Upper
78 100
77 25.5 18.6 27.8

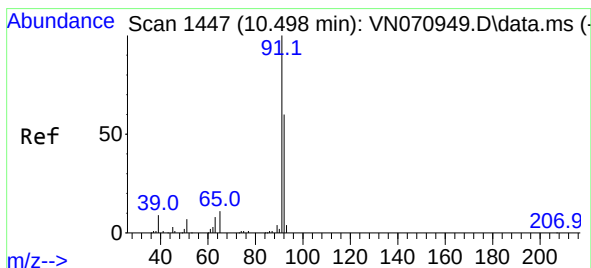
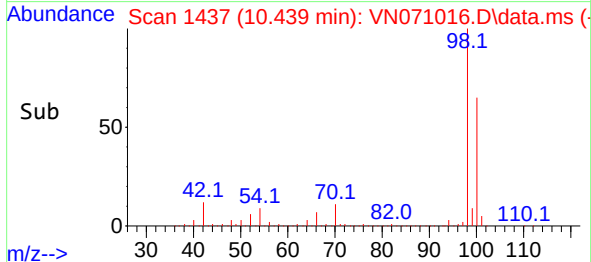
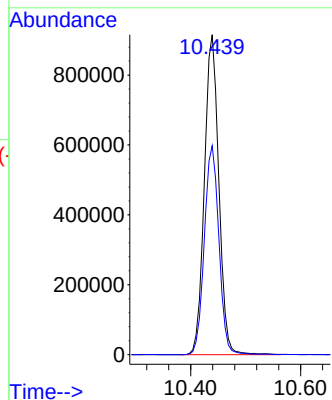
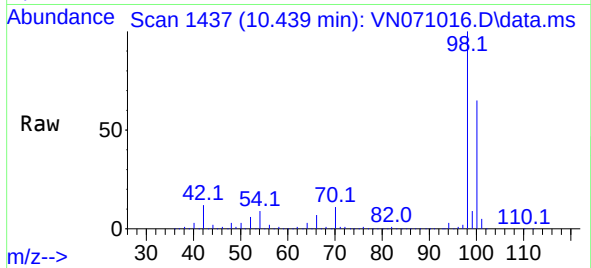




#50
Toluene-d8
Concen: 50.493 ug/l
RT: 10.439 min Scan# 1436
Delta R.T. 0.006 min
Lab File: VN071016.D
Acq: 18 Feb 2022 21:27

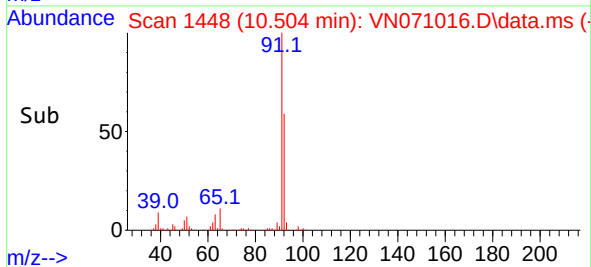
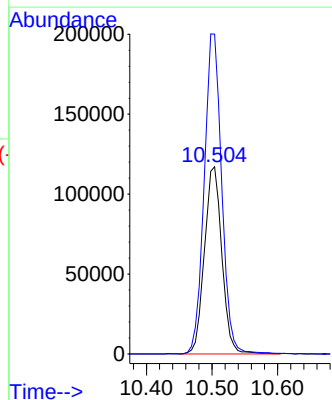
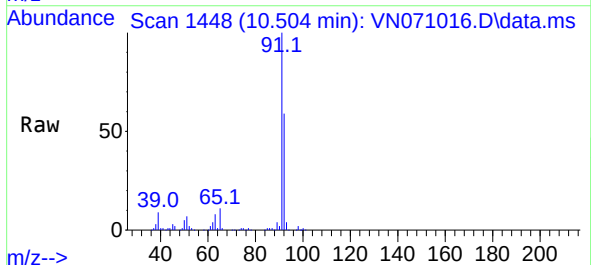
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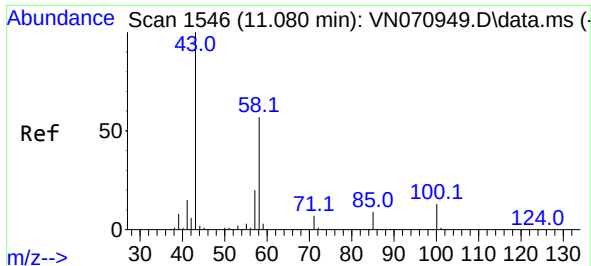
Tgt Ion: 98 Resp: 1668948
Ion Ratio Lower Upper
98 100
100 66.1 50.4 75.6



#52
Toluene
Concen: 8.660 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN071016.D
Acq: 18 Feb 2022 21:27

Tgt Ion: 92 Resp: 217051
Ion Ratio Lower Upper
92 100
91 172.0 142.0 213.0

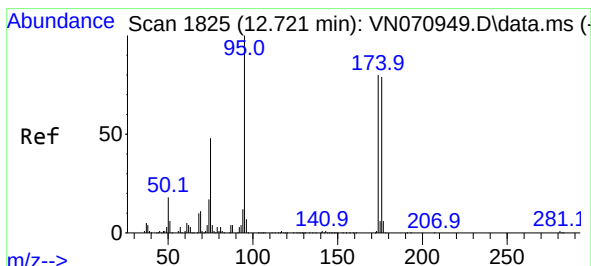
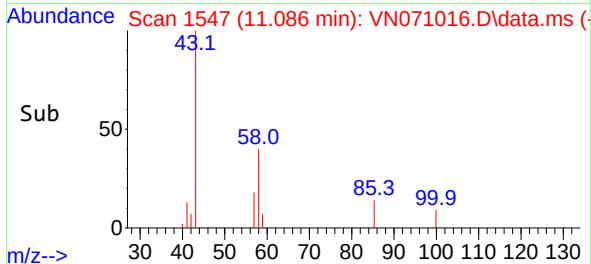
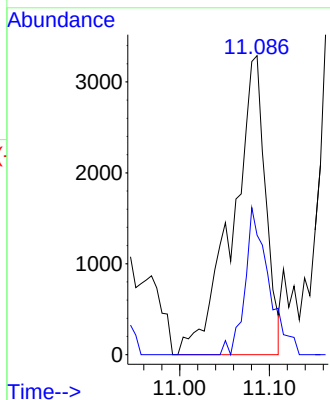
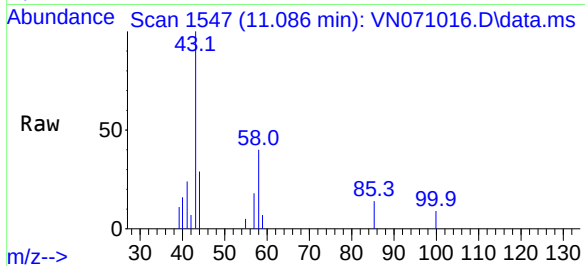




#59
2-Hexanone
Concen: 0.879 ug/l
RT: 11.086 min Scan# 11070
Delta R.T. 0.006 min
Lab File: VN071016.D
Acq: 18 Feb 2022 21:27

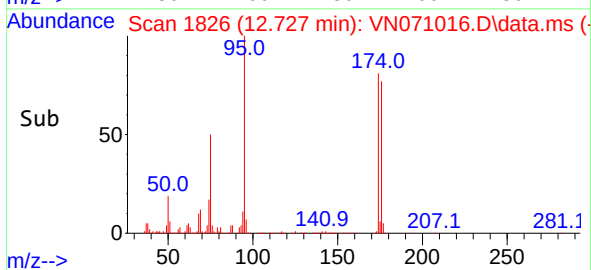
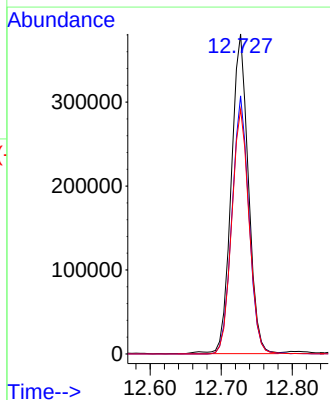
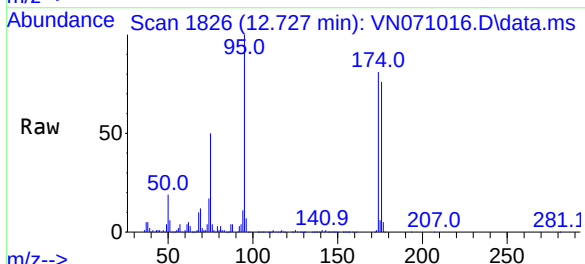
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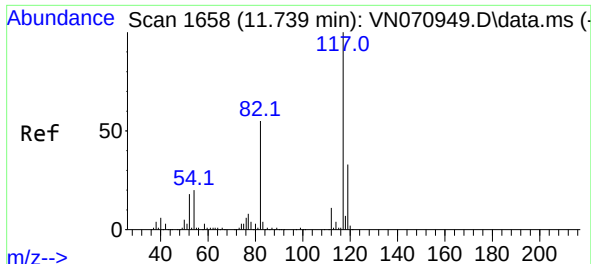
Tgt Ion: 43 Resp: 8384
Ion Ratio Lower Upper
43 100
58 35.1 26.9 80.7



#62
4-Bromofluorobenzene
Concen: 54.071 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN071016.D
Acq: 18 Feb 2022 21:27

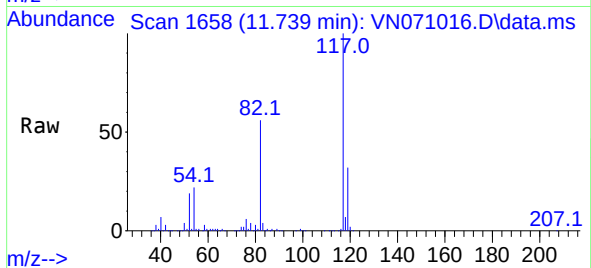
Tgt Ion: 95 Resp: 638838
Ion Ratio Lower Upper
95 100
174 79.5 0.0 187.2
176 77.4 0.0 181.4



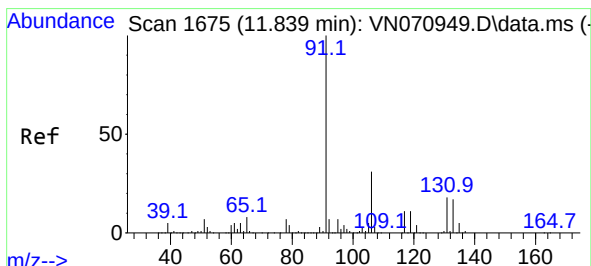
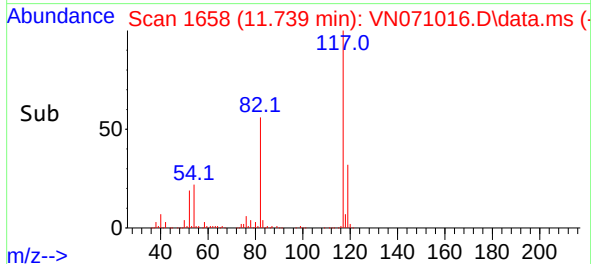
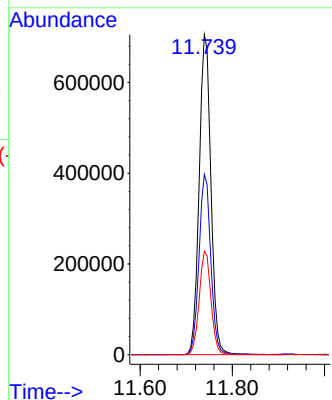


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VN071016.D
Acq: 18 Feb 2022 21:27

Instrument :
MSVOA_N
ClientSampleId :
1070

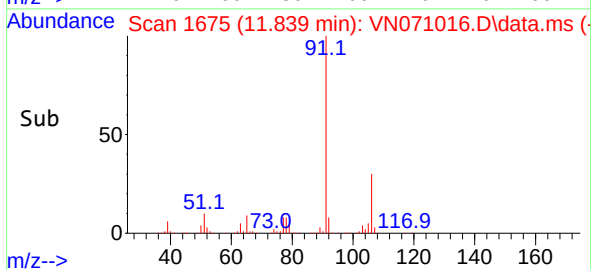
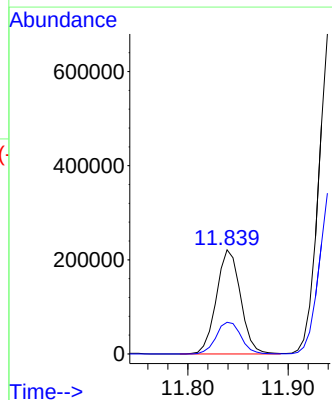
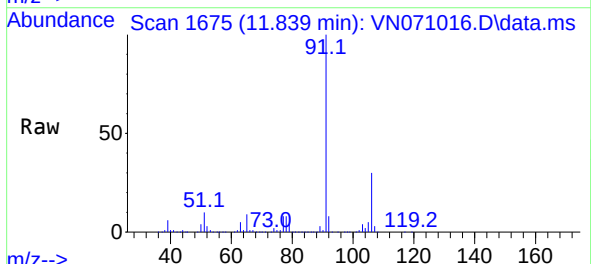


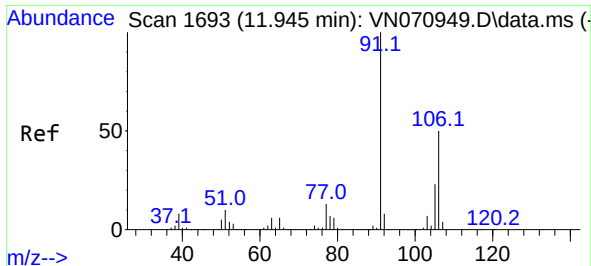
Tgt Ion:117 Resp: 1250156
Ion Ratio Lower Upper
117 100
82 56.3 42.4 63.6
119 32.3 25.4 38.2



#67
Ethyl Benzene
Concen: 7.842 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN071016.D
Acq: 18 Feb 2022 21:27

Tgt Ion: 91 Resp: 369753
Ion Ratio Lower Upper
91 100
106 30.4 25.7 38.5

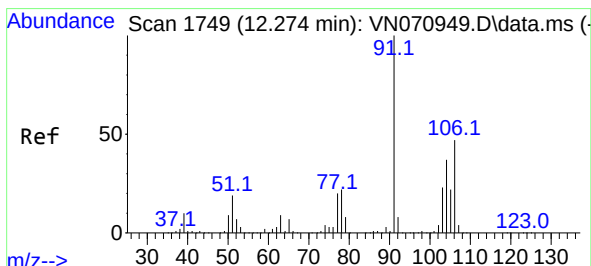
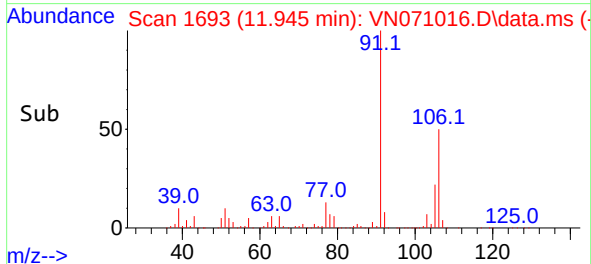
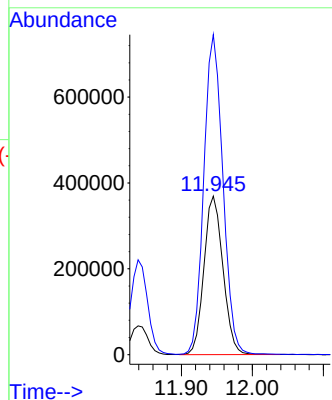
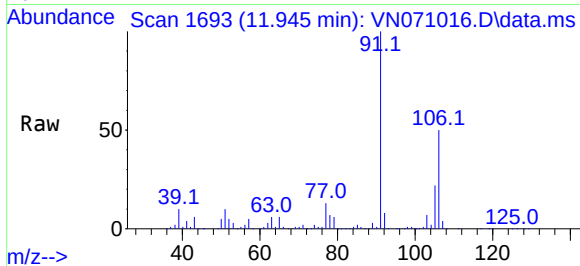




#68
m/p-Xylenes
Concen: 37.728 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VN071016.D
Acq: 18 Feb 2022 21:27

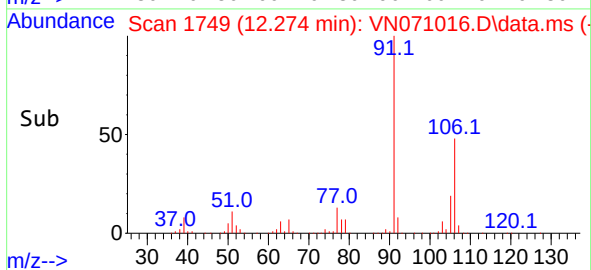
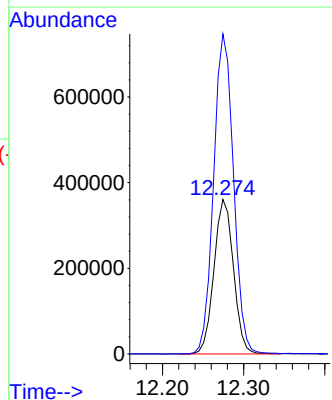
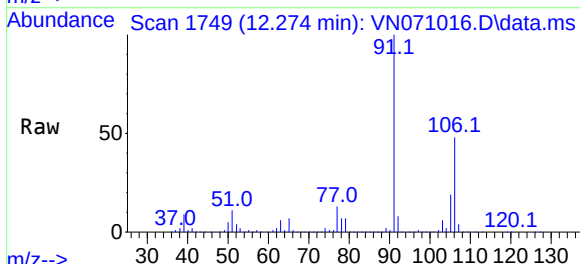
Instrument :
MSVOA_N
ClientSampleId :
1070

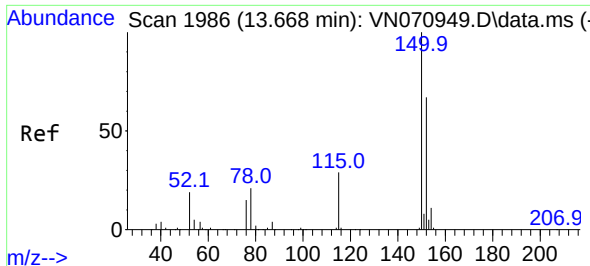
Tgt Ion:106 Resp: 687120
Ion Ratio Lower Upper
106 100
91 203.1 160.6 240.8



#69
o-Xylene
Concen: 33.835 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VN071016.D
Acq: 18 Feb 2022 21:27

Tgt Ion:106 Resp: 601953
Ion Ratio Lower Upper
106 100
91 211.7 105.8 317.3

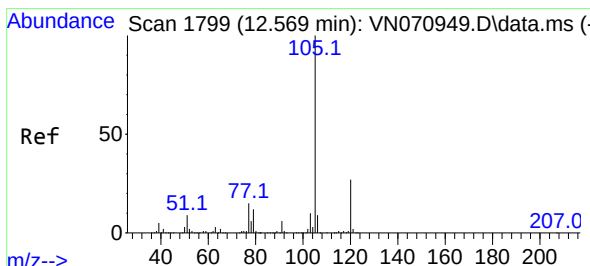
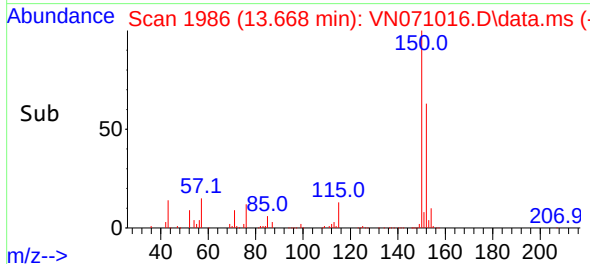
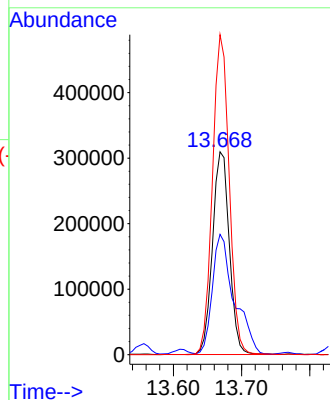
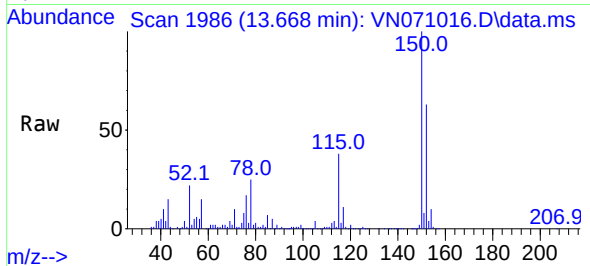




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071016.D
Acq: 18 Feb 2022 21:27

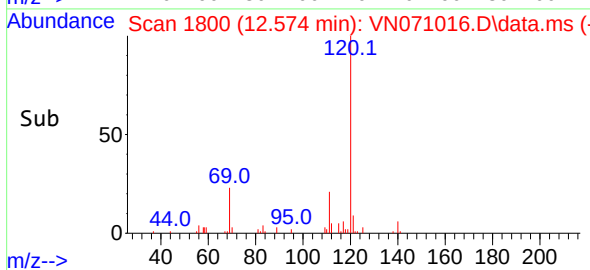
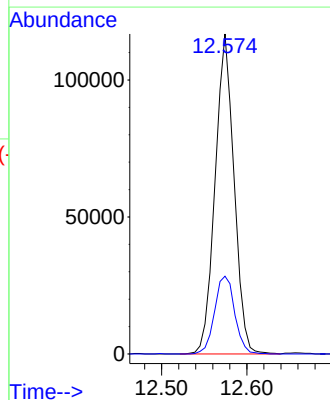
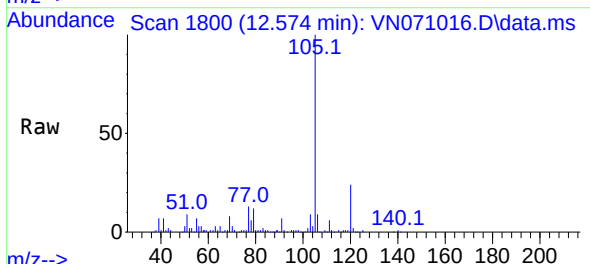
Instrument :
MSVOA_N
ClientSampleId :
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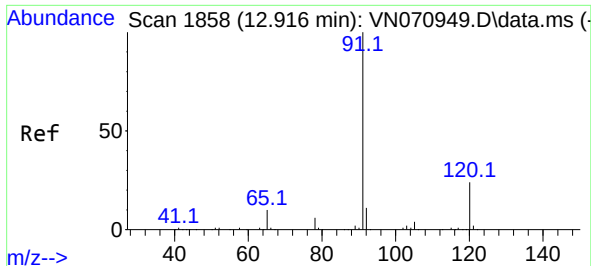
Tgt Ion:152 Resp: 532518
Ion Ratio Lower Upper
152 100
115 77.2 27.5 82.5
150 156.7 0.0 344.4



#73
Isopropylbenzene
Concen: 4.215 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.006 min
Lab File: VN071016.D
Acq: 18 Feb 2022 21:27

Tgt Ion:105 Resp: 180661
Ion Ratio Lower Upper
105 100
120 25.8 13.4 40.1

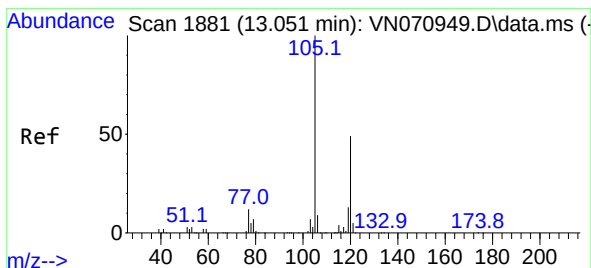
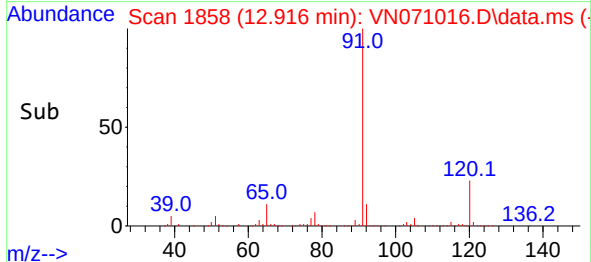
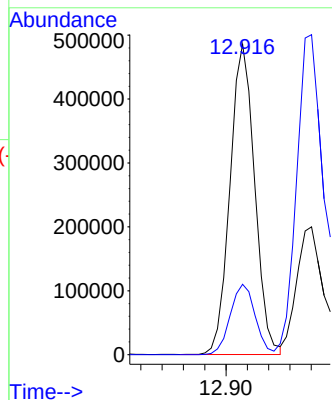
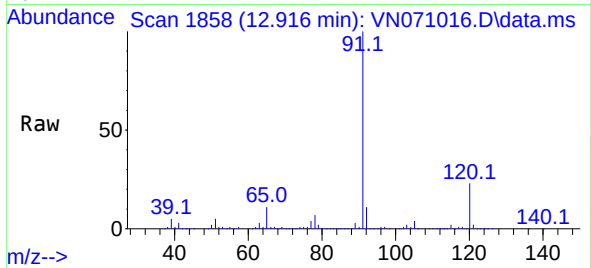




#78
n-propylbenzene
Concen: 16.272 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071016.D
Acq: 18 Feb 2022 21:27

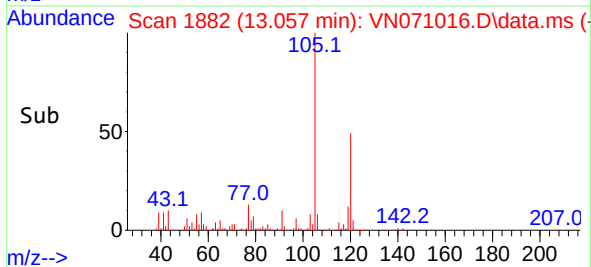
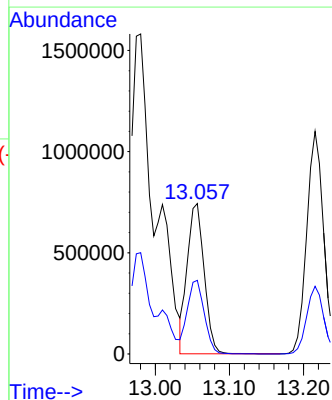
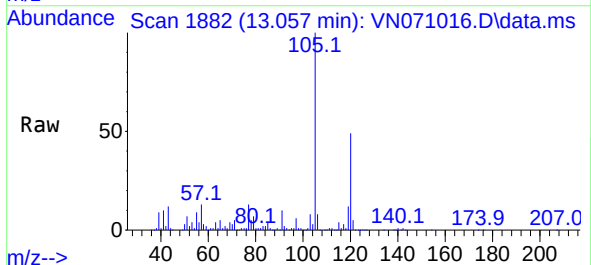
Instrument :
MSVOA_N
ClientSampleId :
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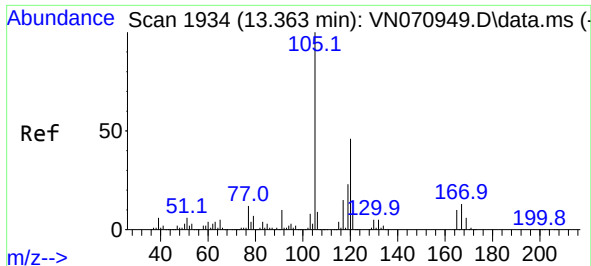
Tgt Ion: 91 Resp: 783639
Ion Ratio Lower Upper
91 100
120 22.9 11.9 35.9



#80
1,3,5-Trimethylbenzene
Concen: 33.857 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN071016.D
Acq: 18 Feb 2022 21:27

Tgt Ion:105 Resp: 1175714
Ion Ratio Lower Upper
105 100
120 49.2 24.6 73.6

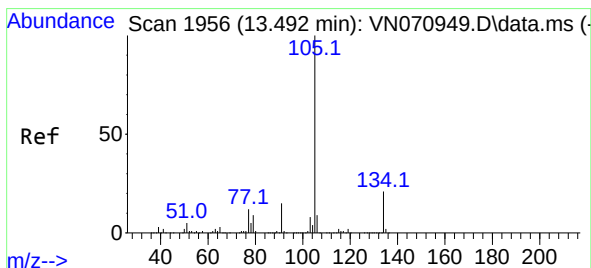
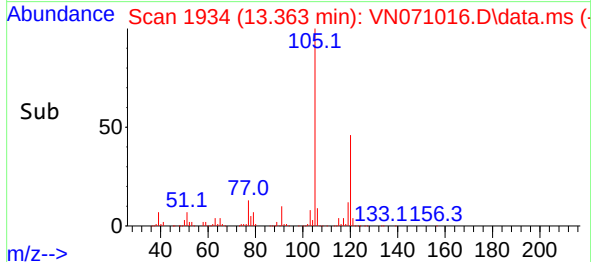
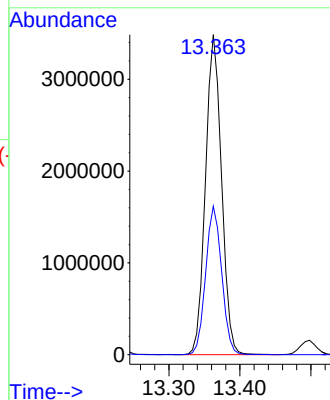
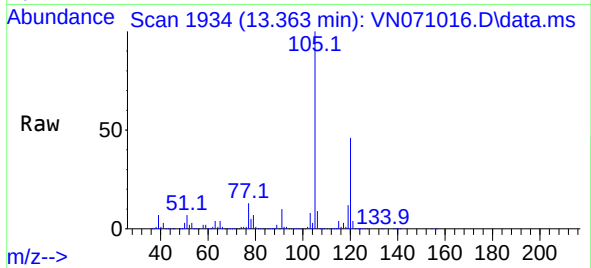




#84
1,2,4-Trimethylbenzene
Concen: 160.135 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071016.D
Acq: 18 Feb 2022 21:27

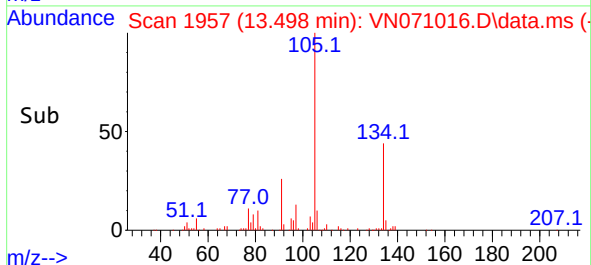
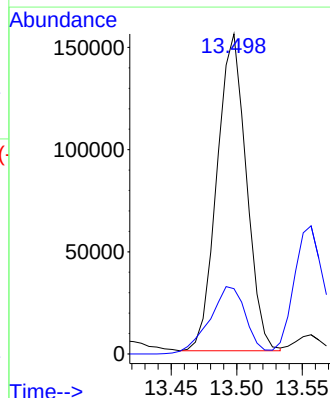
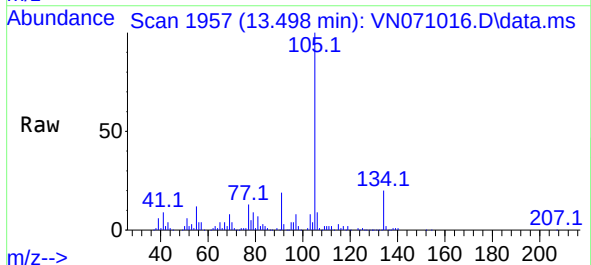
Instrument :
MSVOA_N
ClientSampleId :
1070

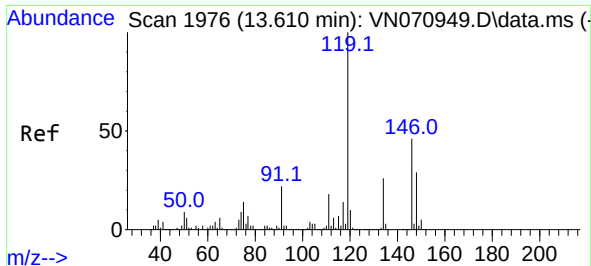
Tgt Ion:105 Resp: 5473945
Ion Ratio Lower Upper
105 100
120 46.5 22.8 68.4



#85
sec-Butylbenzene
Concen: 5.562 ug/l
RT: 13.498 min Scan# 1957
Delta R.T. 0.006 min
Lab File: VN071016.D
Acq: 18 Feb 2022 21:27

Tgt Ion:105 Resp: 241360
Ion Ratio Lower Upper
105 100
134 26.4 10.4 31.1

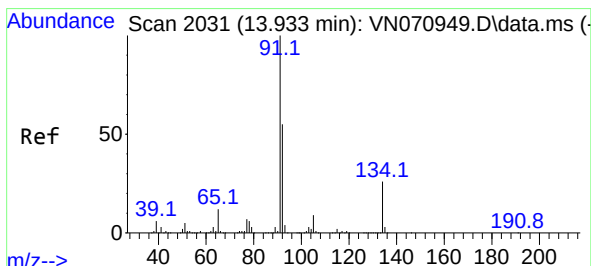
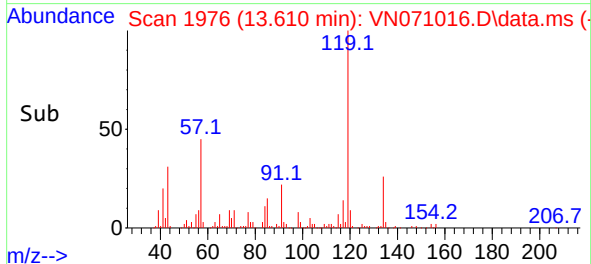
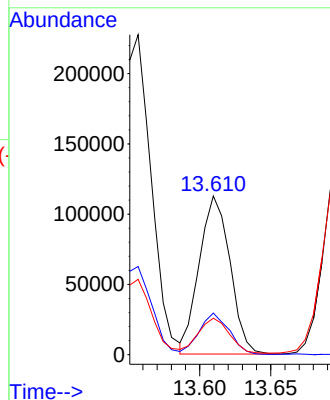
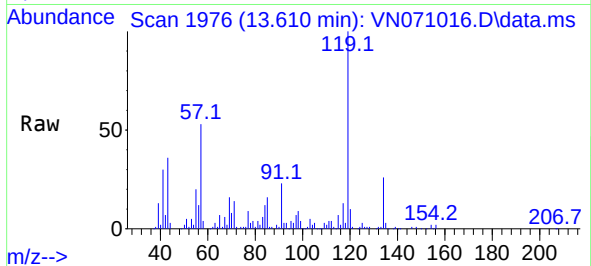




#86
p-Isopropyltoluene
Concen: 4.763 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN071016.D
Acq: 18 Feb 2022 21:27

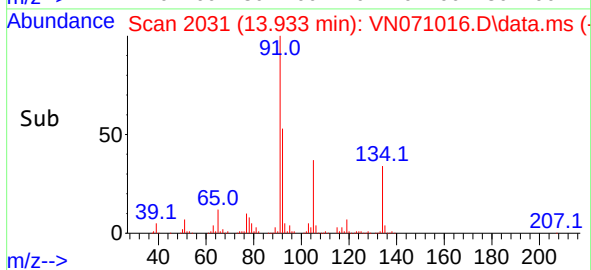
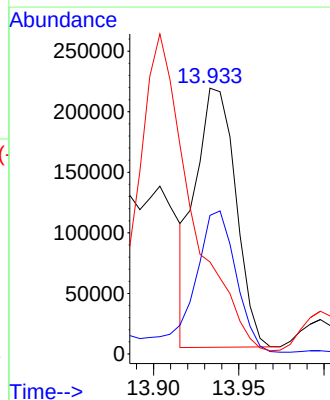
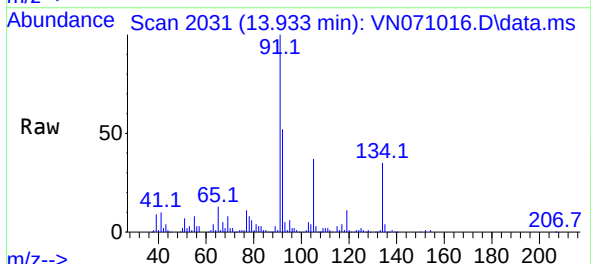
Instrument :
MSVOA_N
ClientSampleId :
1070

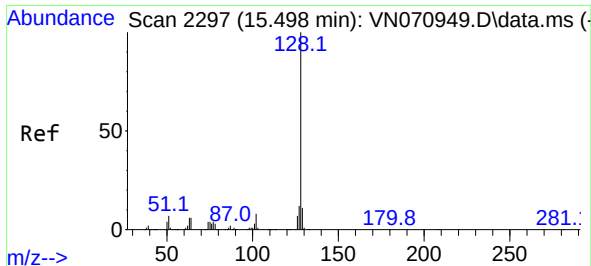
Tgt Ion:119 Resp: 169683
Ion Ratio Lower Upper
119 100
134 25.3 13.6 40.7
91 21.8 11.4 34.1



#89
n-Butylbenzene
Concen: 12.127 ug/l
RT: 13.933 min Scan# 2031
Delta R.T. -0.000 min
Lab File: VN071016.D
Acq: 18 Feb 2022 21:27

Tgt Ion: 91 Resp: 352465
Ion Ratio Lower Upper
91 100
92 56.5 25.4 76.0
134 0.0 13.6 40.8#





#95
Naphthalene
Concen: 35.540 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN071016.D
Acq: 18 Feb 2022 21:27

Instrument :
MSVOA_N
ClientSampleId :
1070

Tgt Ion:128 Resp: 807962
Ion Ratio Lower Upper
128 100
127 13.6 10.5 15.7
129 11.8 8.7 13.1

