

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032222\
 Data File : VN071501.D
 Acq On : 23 Mar 2022 06:37
 Operator : JC\MD
 Sample : N1962-16
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 C-19-18-19

Quant Time: Mar 23 07:17:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

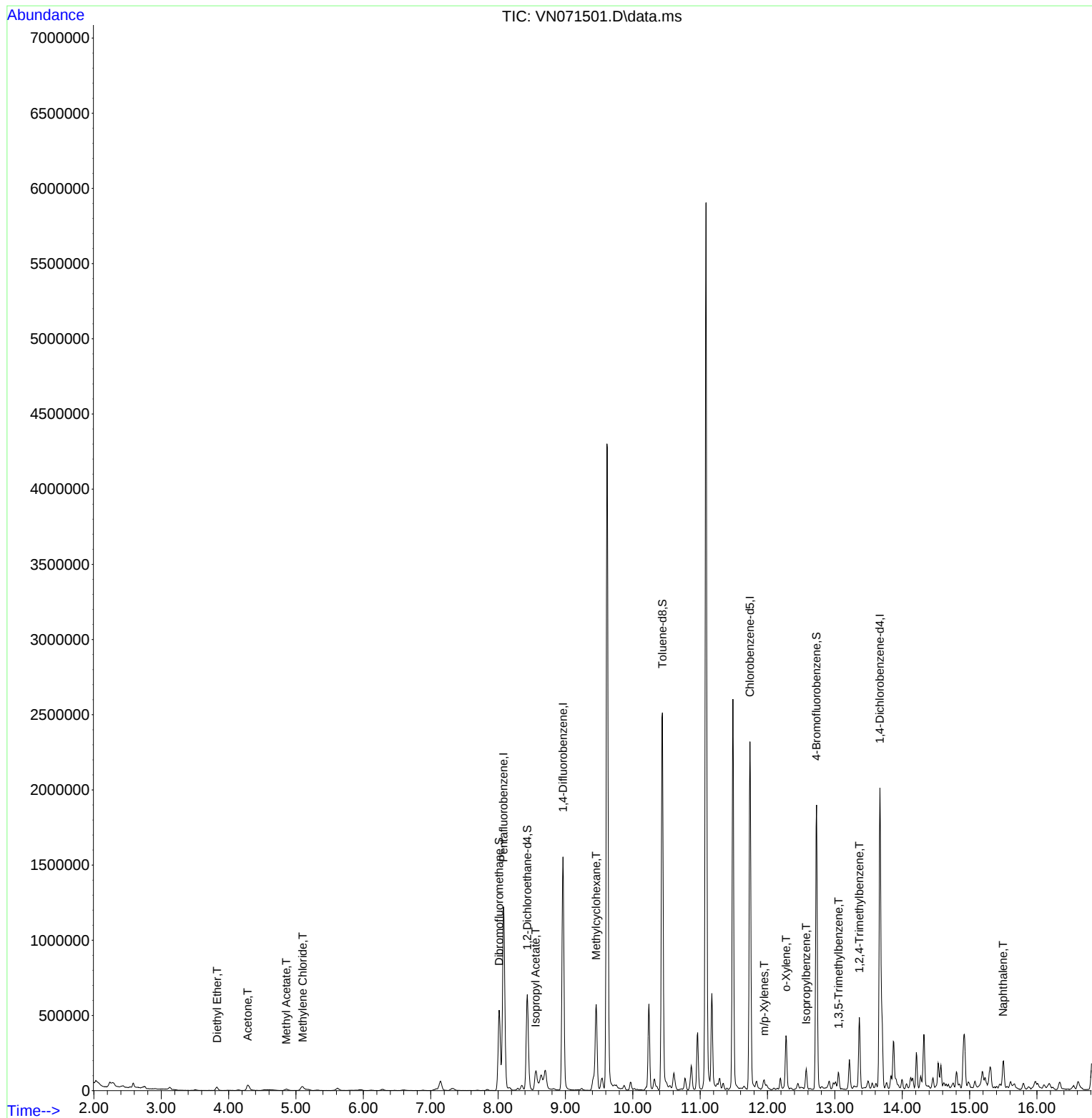
Internal Standards						
1) Pentafluorobenzene	8.081	168	775490	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1333264	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1297685	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	535720	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	510272	48.010	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.020%		
35) Dibromofluoromethane	8.016	113	388982	46.234	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	92.460%		
50) Toluene-d8	10.439	98	1688478	49.845	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.680%		
62) 4-Bromofluorobenzene	12.727	95	664862	57.961	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	115.920%		
Target Compounds						Qvalue
8) Diethyl Ether	3.828	74	11486	1.958	ug/l	77
16) Acetone	4.281	43	69248	13.390	ug/l	99
18) Methyl Acetate	4.857	43	20611	1.940	ug/l	90
20) Methylene Chloride	5.098	84	18897	2.366	ug/l	84
39) Methylcyclohexane	9.457	83	232455	14.659	ug/l	90
43) Isopropyl Acetate	8.557	43	109379	3.943	ug/l #	81
68) m/p-Xylenes	11.951	106	21007	1.165	ug/l	92
69) o-Xylene	12.274	106	95618	5.292	ug/l	92
73) Isopropylbenzene	12.574	105	84629	1.639	ug/l	97
80) 1,3,5-Trimethylbenzene	13.057	105	49103	1.222	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	264837	6.882	ug/l	99
95) Naphthalene	15.498	128	170529	11.308	ug/l	99

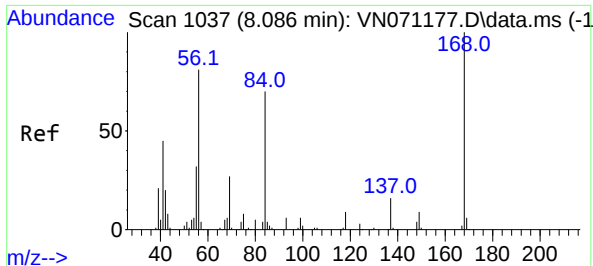
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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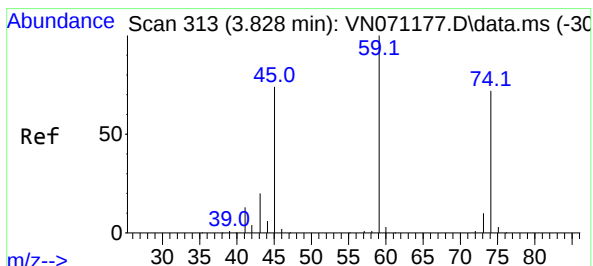
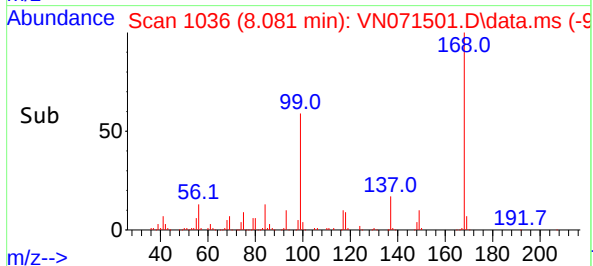
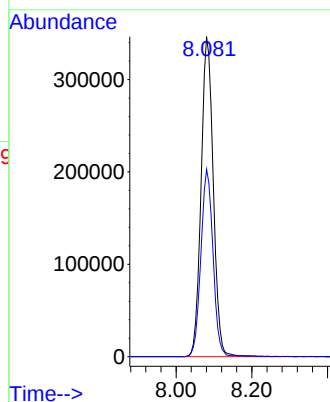
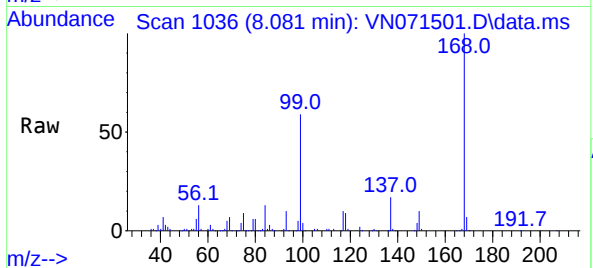




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VN071501.D
Acq: 23 Mar 2022 06:37

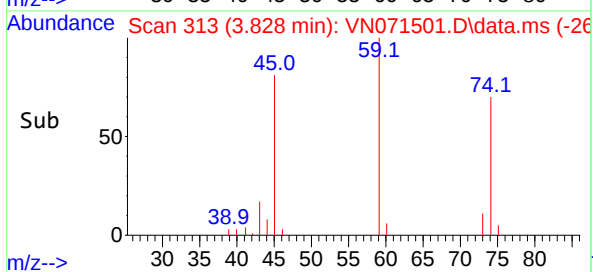
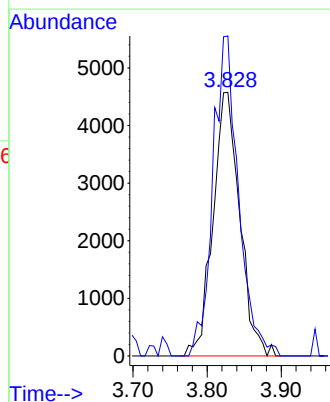
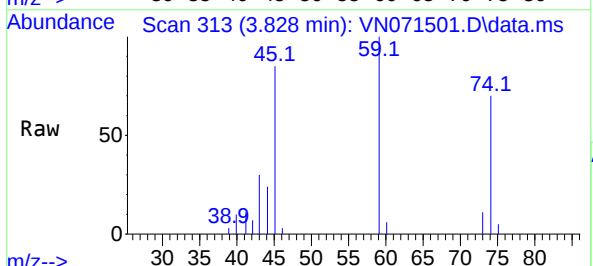
Instrument :
MSVOA_N
ClientSampleId :
C-19-18-19

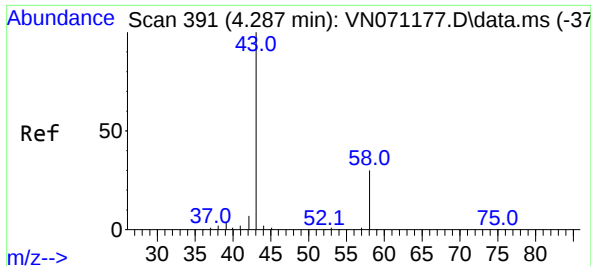
Tgt Ion:168 Resp: 775490
Ion Ratio Lower Upper
168 100
99 58.6 41.3 61.9



#8
Diethyl Ether
Concen: 1.958 ug/l
RT: 3.828 min Scan# 313
Delta R.T. -0.000 min
Lab File: VN071501.D
Acq: 23 Mar 2022 06:37

Tgt Ion: 74 Resp: 11486
Ion Ratio Lower Upper
74 100
45 116.3 47.0 141.2

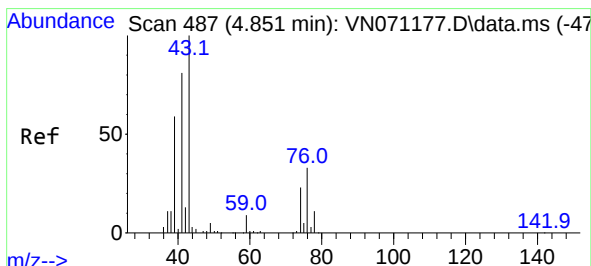
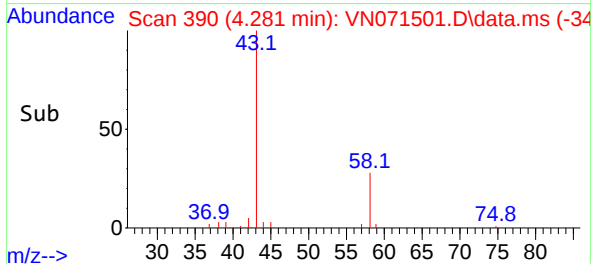
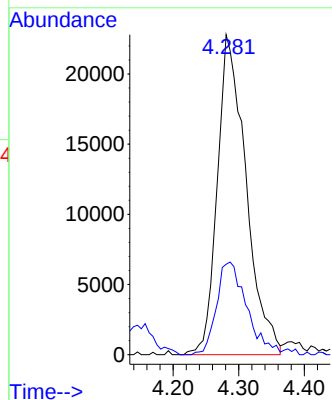
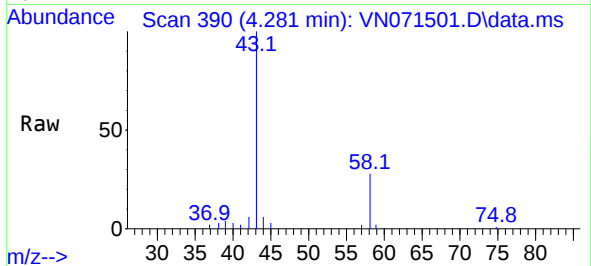




#16
Acetone
Concen: 13.390 ug/l
RT: 4.281 min Scan# 391
Delta R.T. -0.006 min
Lab File: VN071501.D
Acq: 23 Mar 2022 06:37

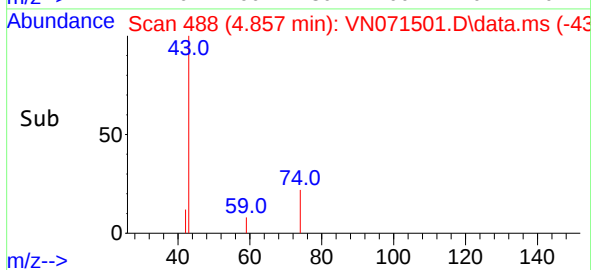
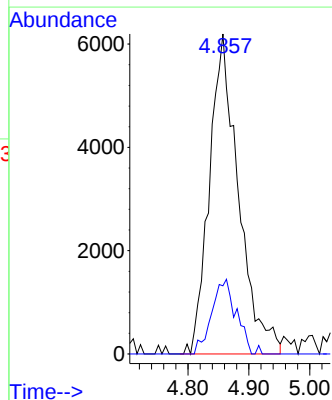
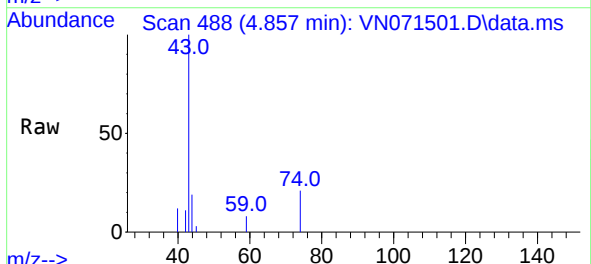
Instrument :
MSVOA_N
ClientSampleId :
C-19-18-19

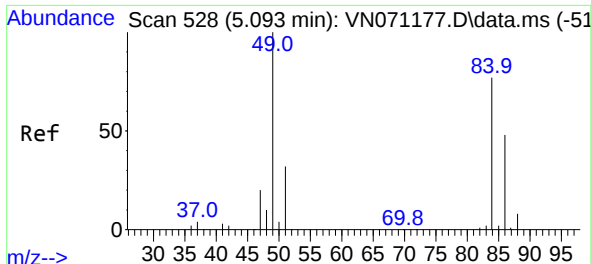
Tgt Ion: 43 Resp: 69248
Ion Ratio Lower Upper
43 100
58 28.3 23.1 34.7



#18
Methyl Acetate
Concen: 1.940 ug/l
RT: 4.857 min Scan# 488
Delta R.T. 0.006 min
Lab File: VN071501.D
Acq: 23 Mar 2022 06:37

Tgt Ion: 43 Resp: 20611
Ion Ratio Lower Upper
43 100
74 19.5 19.4 29.2



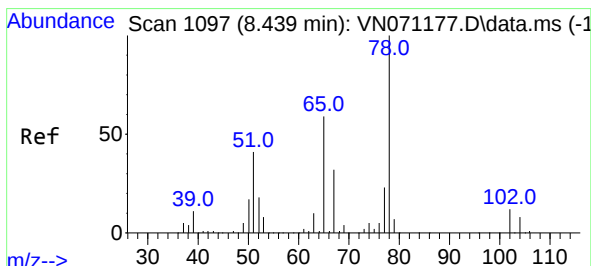
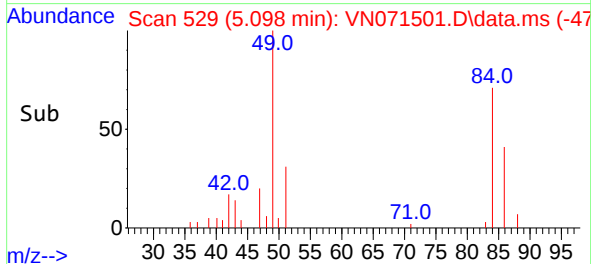
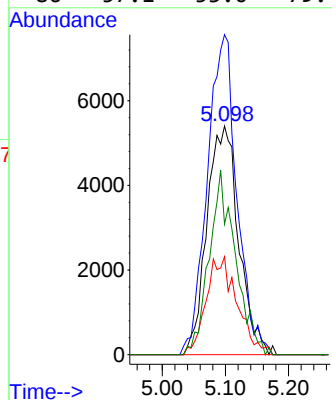
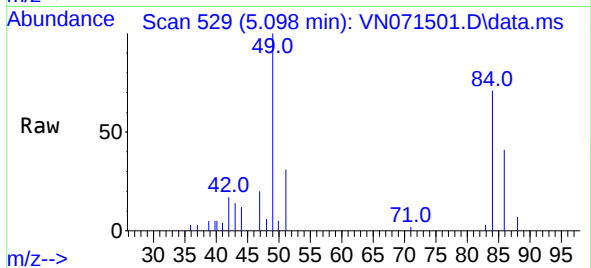


#20
Methylene Chloride
Concen: 2.366 ug/l
RT: 5.098 min Scan# 51
Delta R.T. 0.005 min
Lab File: VN071501.D
Acq: 23 Mar 2022 06:37

Instrument :
MSVOA_N
ClientSampleId :
C-19-18-19

Tgt Ion: 84 Resp: 18897

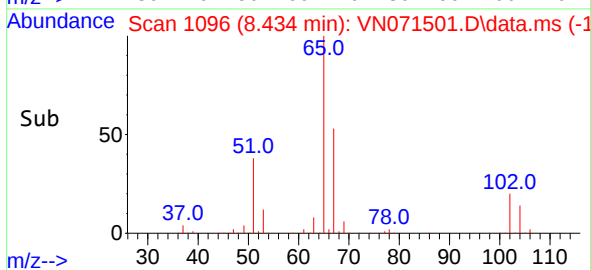
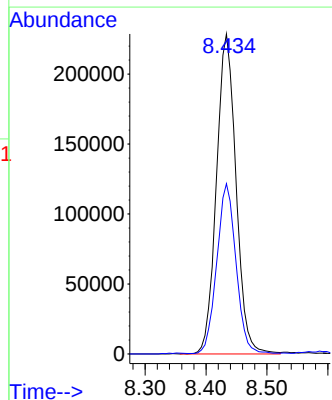
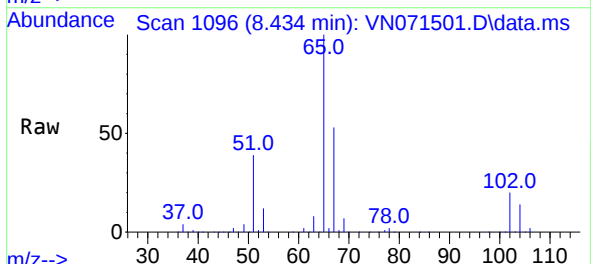
Ion	Ratio	Lower	Upper
84	100		
49	139.9	93.5	140.3
51	42.8	29.4	44.2
86	57.1	53.0	79.4

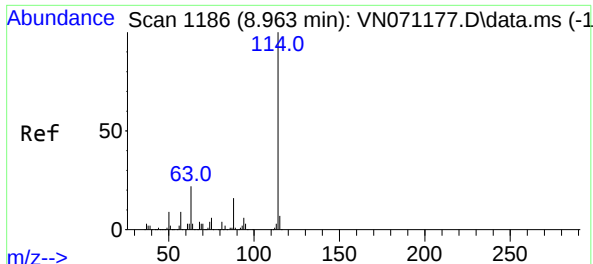


#33
1,2-Dichloroethane-d4
Concen: 48.010 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.006 min
Lab File: VN071501.D
Acq: 23 Mar 2022 06:37

Tgt Ion: 65 Resp: 510272

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	103.0

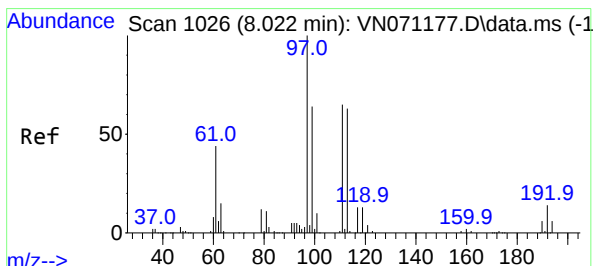
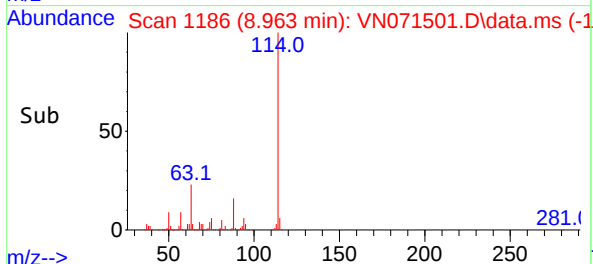
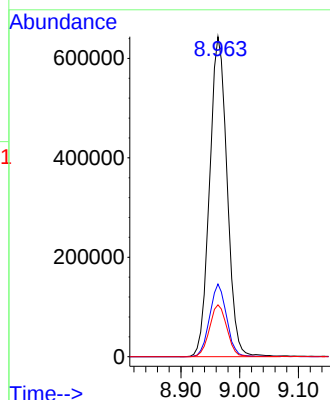
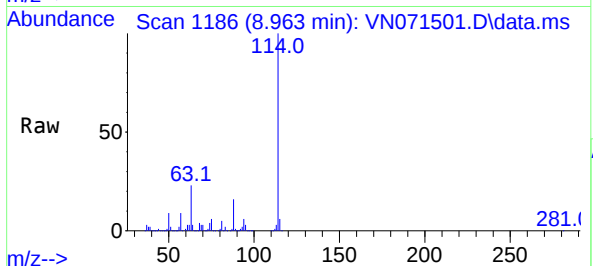




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071501.D
Acq: 23 Mar 2022 06:37

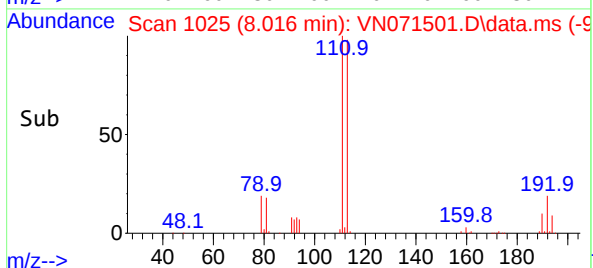
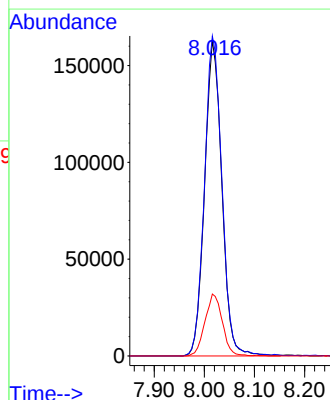
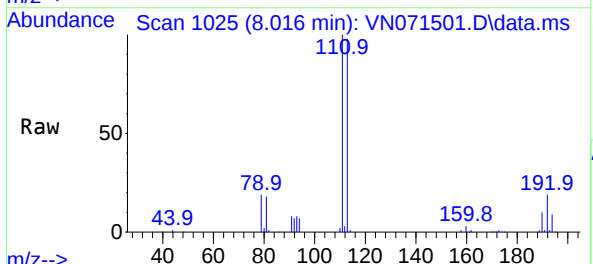
Instrument :
MSVOA_N
ClientSampleId :
C-19-18-19

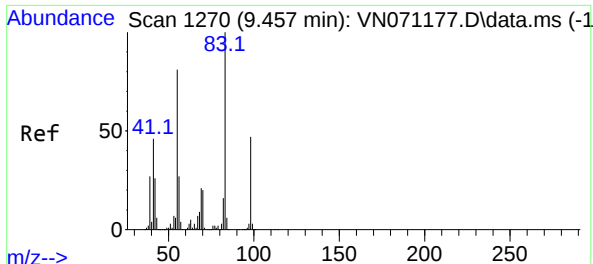
Tgt Ion:114 Resp: 1333264
Ion Ratio Lower Upper
114 100
63 22.7 0.0 37.8
88 16.2 0.0 27.4



#35
Dibromofluoromethane
Concen: 46.234 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.006 min
Lab File: VN071501.D
Acq: 23 Mar 2022 06:37

Tgt Ion:113 Resp: 388982
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.2
192 19.8 16.9 25.3

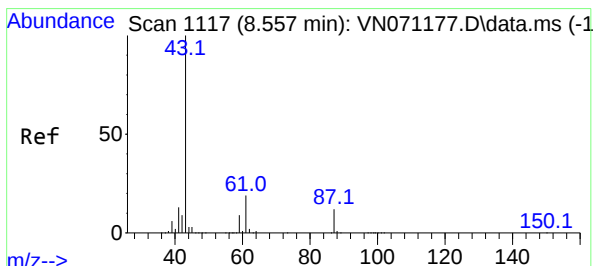
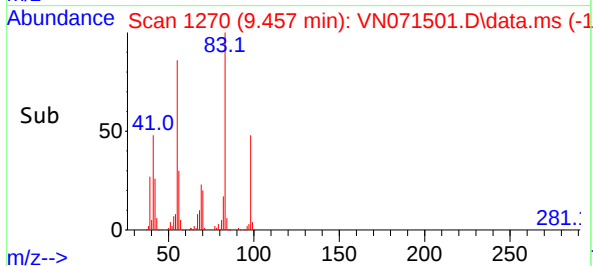
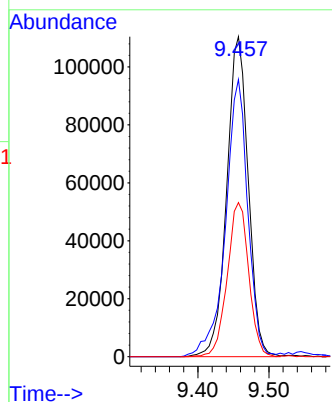
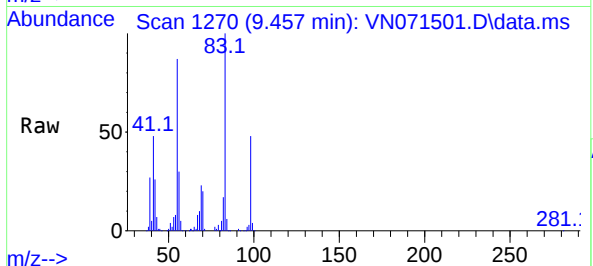




#39
Methylcyclohexane
Concen: 14.659 ug/l
RT: 9.457 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN071501.D
Acq: 23 Mar 2022 06:37

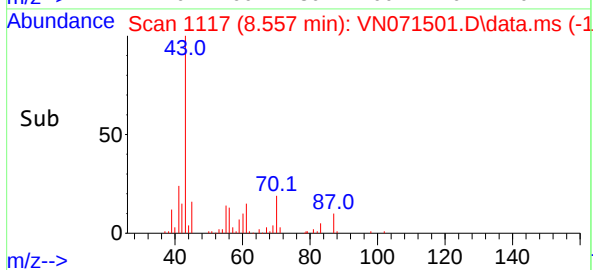
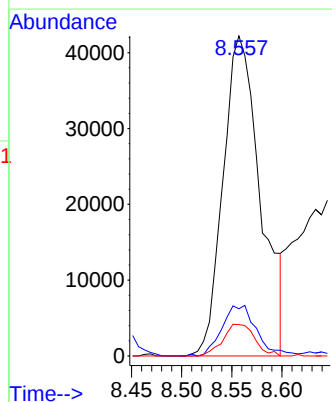
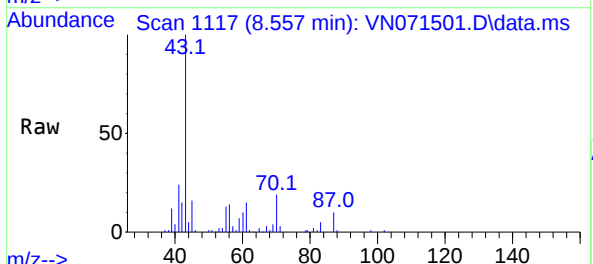
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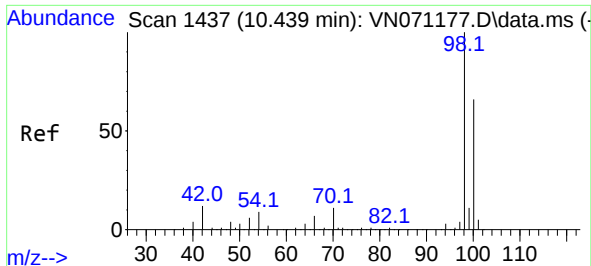
Tgt Ion: 83 Resp: 232455
Ion Ratio Lower Upper
83 100
55 86.6 58.1 87.1
98 48.1 38.4 57.6



#43
Isopropyl Acetate
Concen: 3.943 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN071501.D
Acq: 23 Mar 2022 06:37

Tgt Ion: 43 Resp: 109379
Ion Ratio Lower Upper
43 100
61 14.7 20.4 30.6#
87 8.4 11.2 16.8#

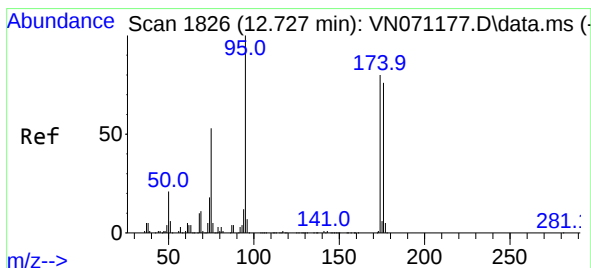
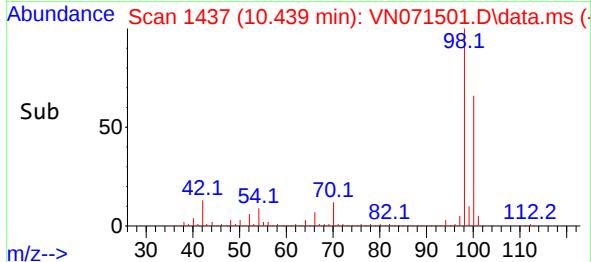
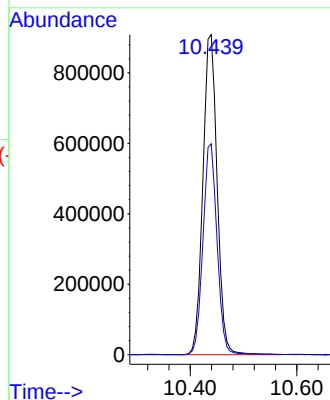
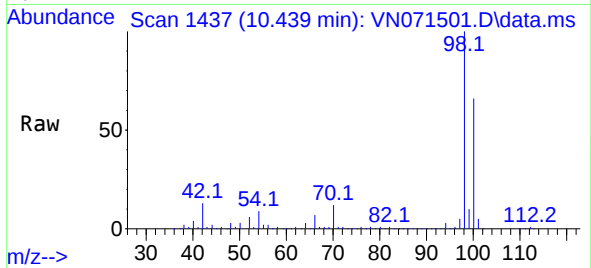




#50
Toluene-d8
Concen: 49.845 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071501.D
Acq: 23 Mar 2022 06:37

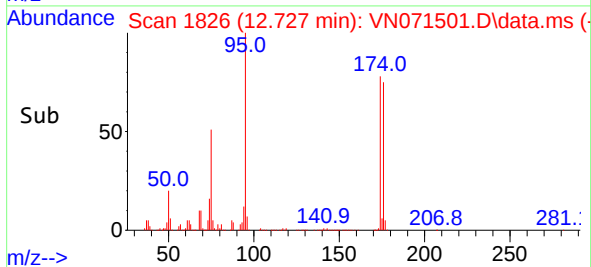
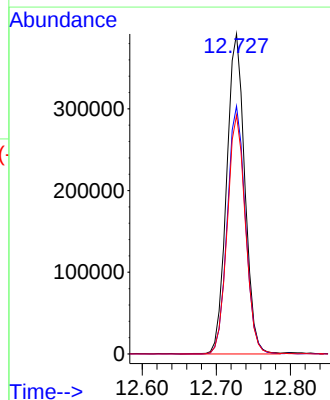
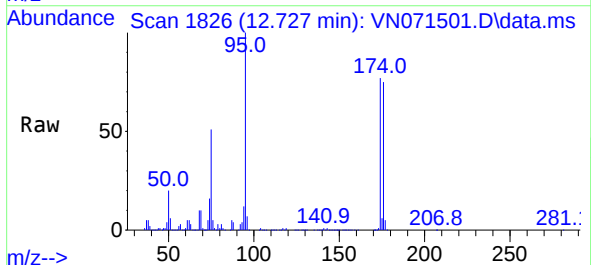
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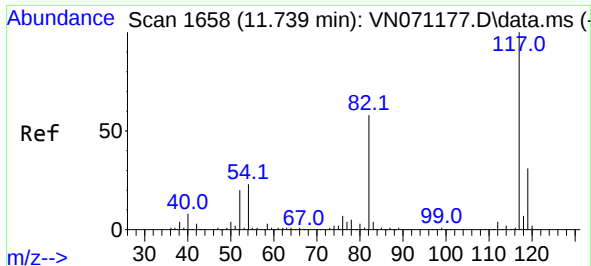
Tgt Ion: 98 Resp: 1688478
Ion Ratio Lower Upper
98 100
100 65.1 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 57.961 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071501.D
Acq: 23 Mar 2022 06:37

Tgt Ion: 95 Resp: 664862
Ion Ratio Lower Upper
95 100
174 76.9 0.0 187.2
176 74.4 0.0 181.4

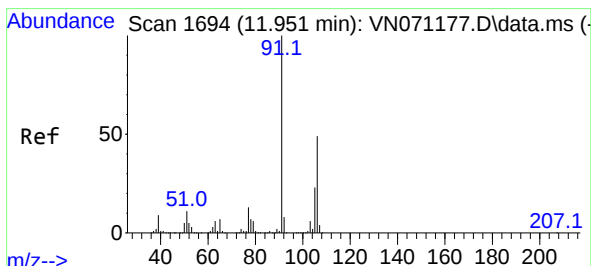
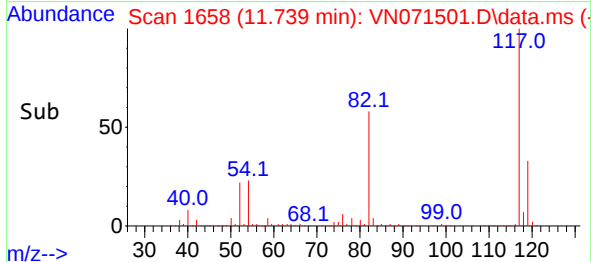
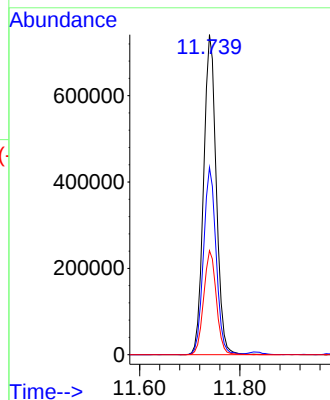
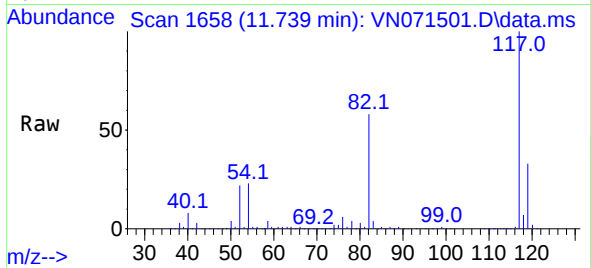




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VN071501.D
Acq: 23 Mar 2022 06:37

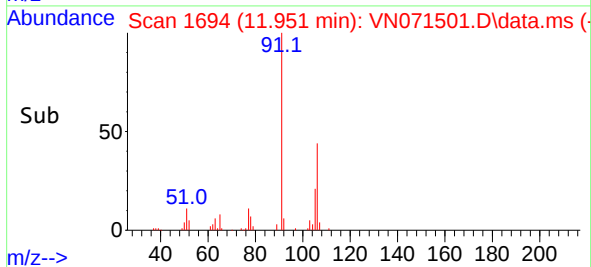
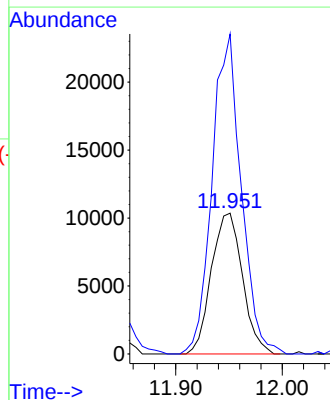
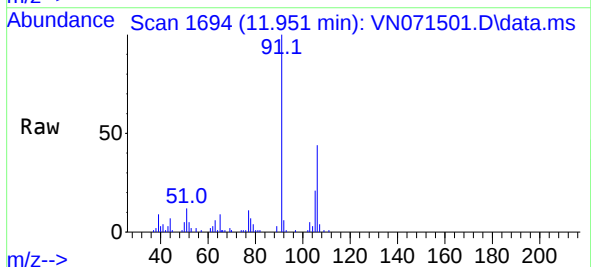
Instrument :
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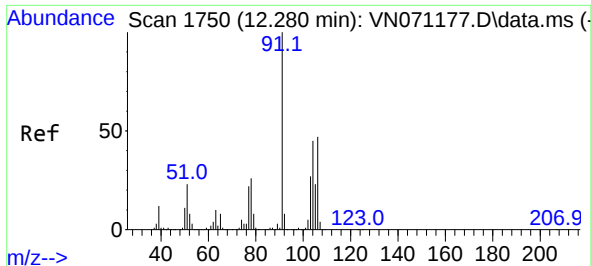
Tgt Ion:117 Resp: 1297685
Ion Ratio Lower Upper
117 100
82 58.5 42.4 63.6
119 32.5 25.4 38.2



#68
m/p-Xylenes
Concen: 1.165 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN071501.D
Acq: 23 Mar 2022 06:37

Tgt Ion:106 Resp: 21007
Ion Ratio Lower Upper
106 100
91 212.5 160.6 240.8

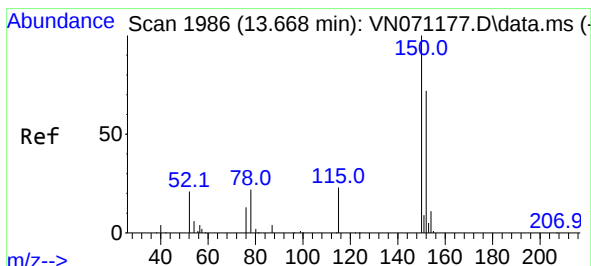
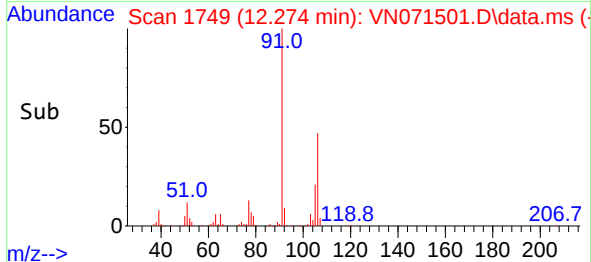
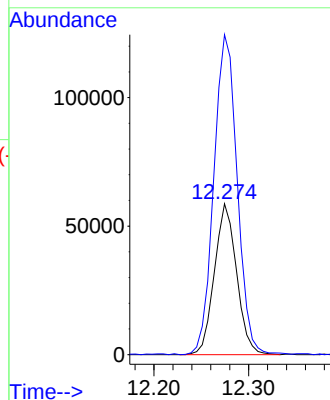
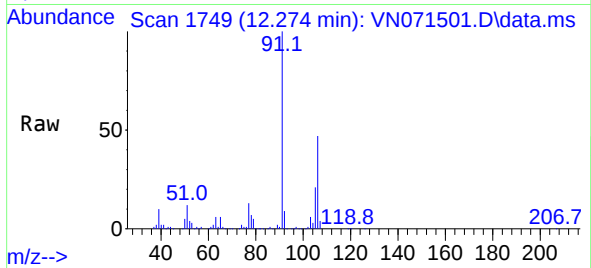




#69
o-Xylene
Concen: 5.292 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VN071501.D
Acq: 23 Mar 2022 06:37

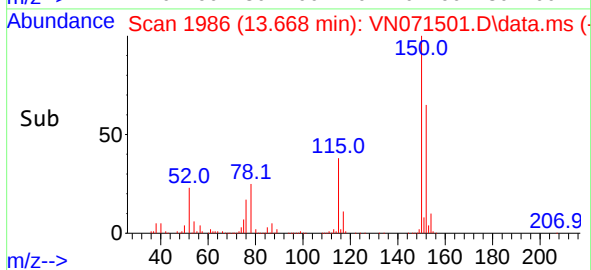
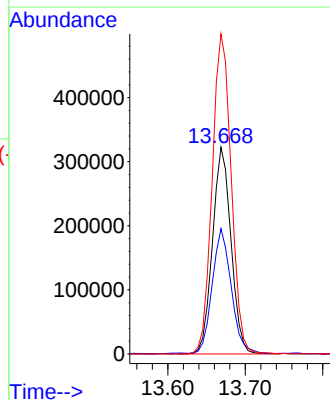
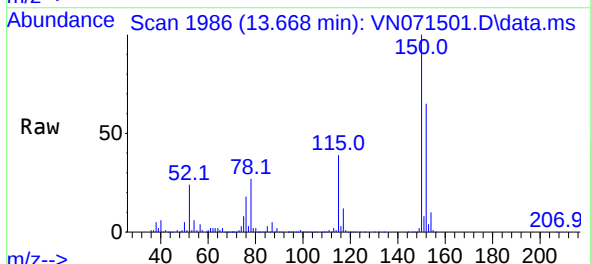
Instrument :
MSVOA_N
ClientSampleId :
C-19-18-19

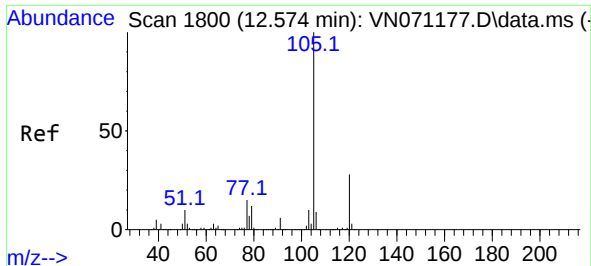
Tgt Ion:106 Resp: 95618
Ion Ratio Lower Upper
106 100
91 223.7 105.8 317.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071501.D
Acq: 23 Mar 2022 06:37

Tgt Ion:152 Resp: 535720
Ion Ratio Lower Upper
152 100
115 61.9 27.5 82.5
150 159.1 0.0 344.4

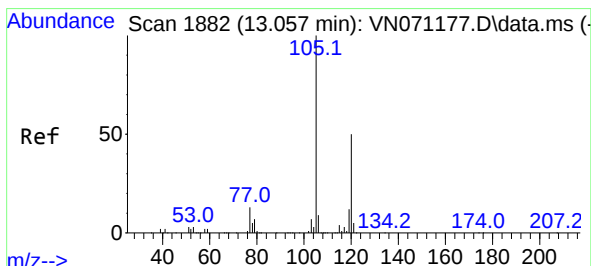
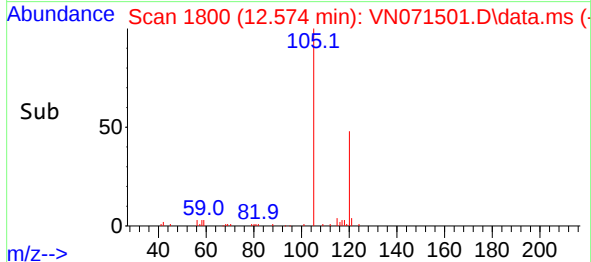
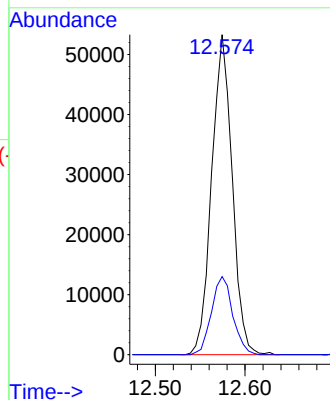
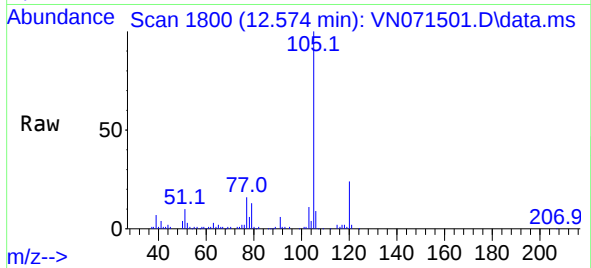




#73
Isopropylbenzene
Concen: 1.639 ug/l
RT: 12.574 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN071501.D
Acq: 23 Mar 2022 06:37

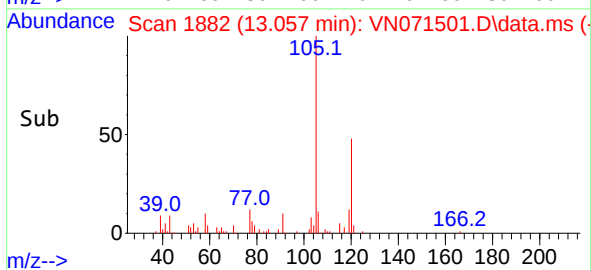
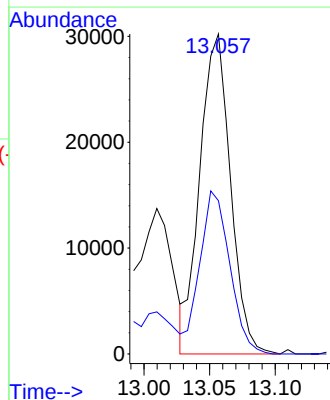
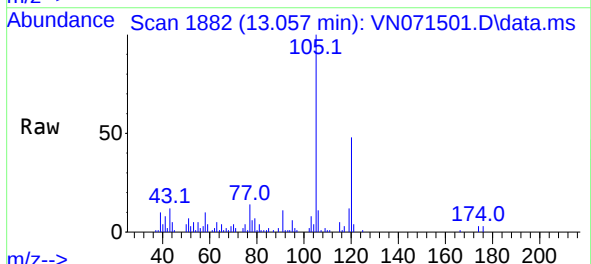
Instrument :
MSVOA_N
ClientSampleId :
C-19-18-19

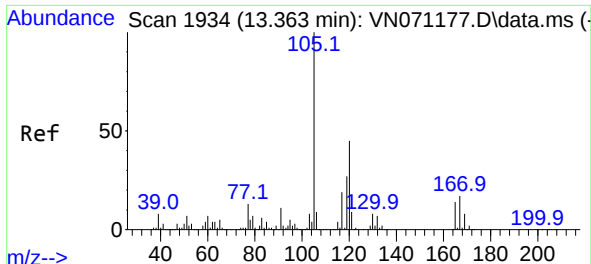
Tgt Ion:105 Resp: 84629
Ion Ratio Lower Upper
105 100
120 25.3 13.4 40.1



#80
1,3,5-Trimethylbenzene
Concen: 1.222 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VN071501.D
Acq: 23 Mar 2022 06:37

Tgt Ion:105 Resp: 49103
Ion Ratio Lower Upper
105 100
120 50.2 24.6 73.6

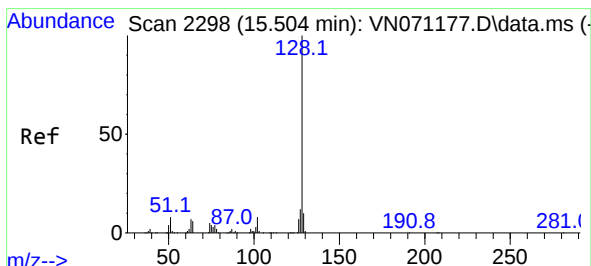
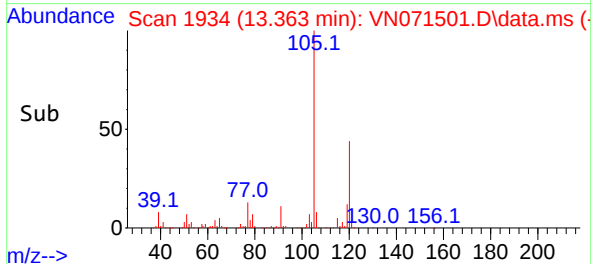
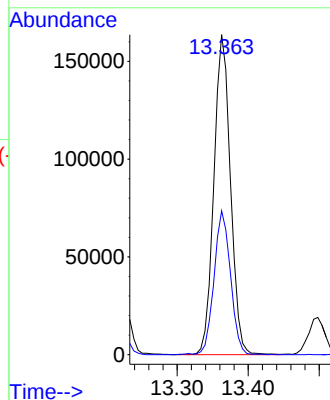
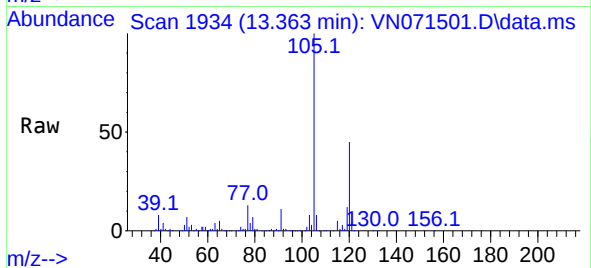




#84
1,2,4-Trimethylbenzene
Concen: 6.882 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071501.D
Acq: 23 Mar 2022 06:37

Instrument :
MSVOA_N
ClientSampleId :
C-19-18-19

Tgt Ion:105 Resp: 264837
Ion Ratio Lower Upper
105 100
120 44.7 22.8 68.4



#95
Naphthalene
Concen: 11.308 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.006 min
Lab File: VN071501.D
Acq: 23 Mar 2022 06:37

Tgt Ion:128 Resp: 170529
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 11.3 8.7 13.1

