

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021821\
 Data File : VN065941.D
 Acq On : 18 Feb 2021 15:25
 Operator : JC/MD
 Sample : M1425-13
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 41061

Quant Time: Feb 19 00:16:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 17 15:48:13 2021
 Response via : Initial Calibration

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

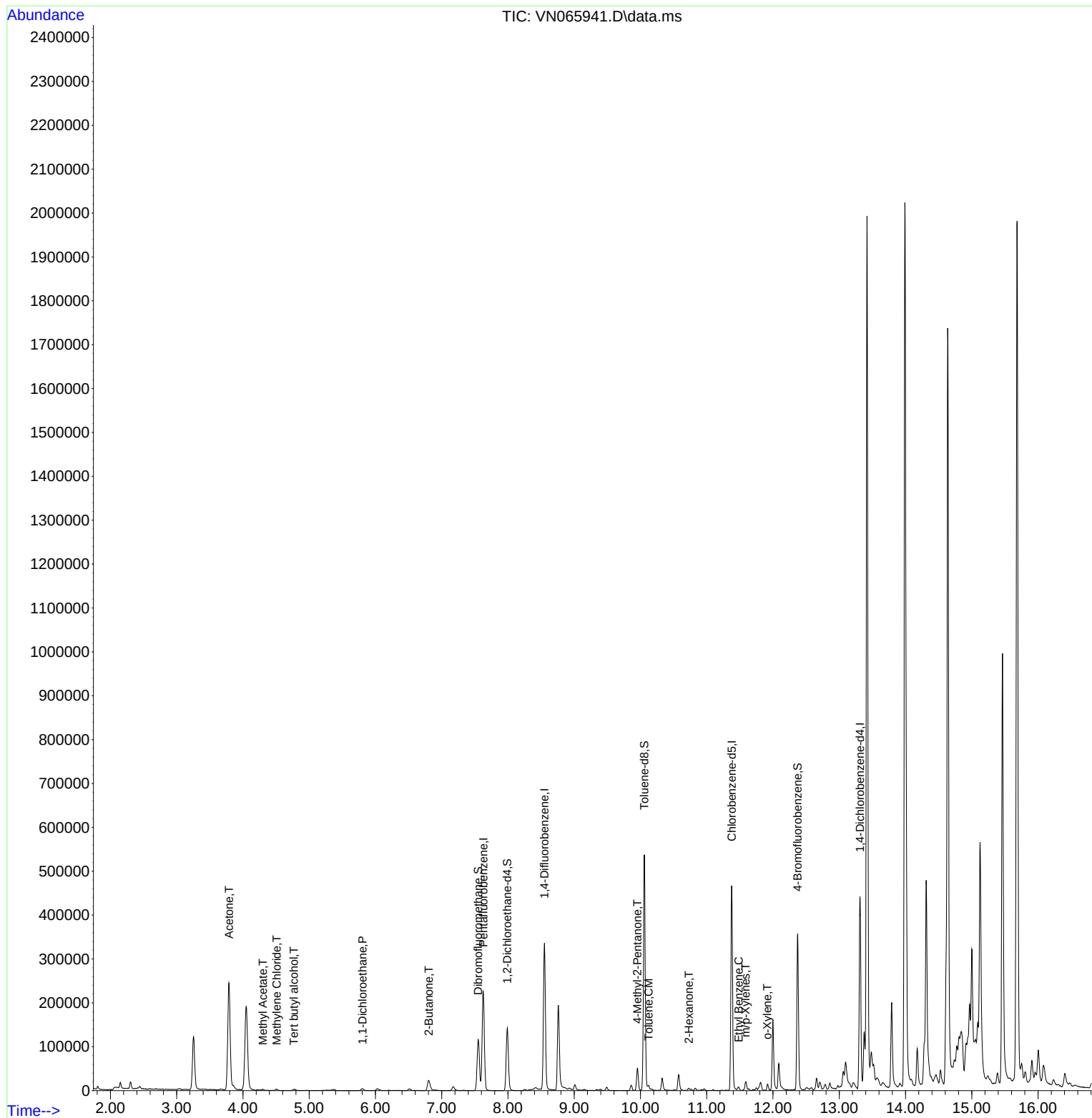
Internal Standards						
1) Pentafluorobenzene	7.627	168	182053	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	304689	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	282358	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	122684	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	119499	46.94	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.88%		
35) Dibromofluoromethane	7.550	113	92986	49.31	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.62%		
50) Toluene-d8	10.058	98	380942	49.21	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.42%		
62) 4-Bromofluorobenzene	12.370	95	137697	47.39	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	94.78%		
Target Compounds						Qvalue
11) Tert butyl alcohol	4.769	59	5943	16.79	ug/l #	78
16) Acetone	3.788	43	395543	496.17	ug/l	99
18) Methyl Acetate	4.303	43	3329	1.58	ug/l #	84
20) Methylene Chloride	4.508	84	2410	1.02	ug/l	90
24) 1,1-Dichloroethane	5.804	63	7686	1.91	ug/l #	92
25) 2-Butanone	6.804	43	39791	31.57	ug/l	99
51) 4-Methyl-2-Pentanone	9.952	43	35118	13.35	ug/l	99
52) Toluene	10.122	92	4199	0.74	ug/l	88
59) 2-Hexanone	10.730	43	3835	2.05	ug/l	90
67) Ethyl Benzene	11.482	91	3909	0.37	ug/l #	85
68) m/p-Xylenes	11.589	106	6526	1.64	ug/l	93
69) o-Xylene	11.917	106	2584	0.67	ug/l	89

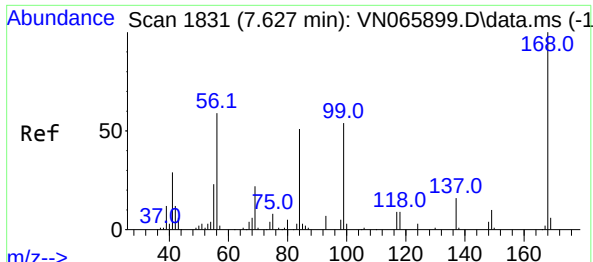
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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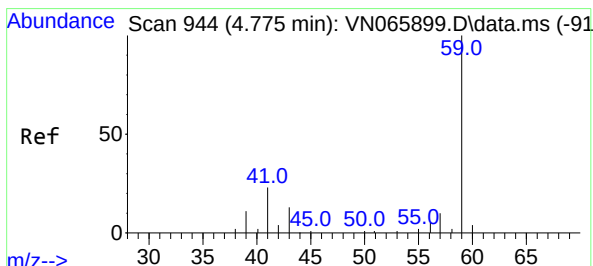
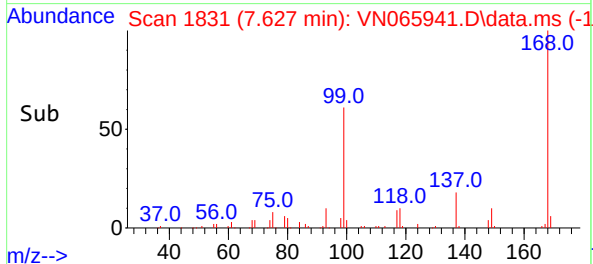
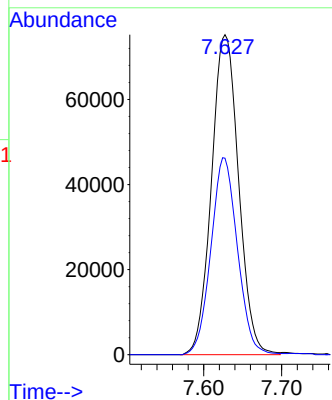
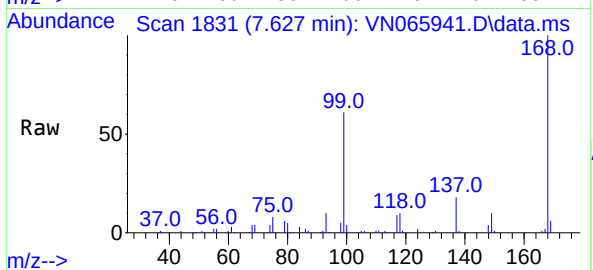




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065941.D
Acq: 18 Feb 2021 15:25

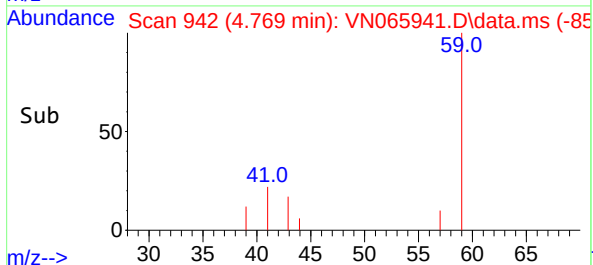
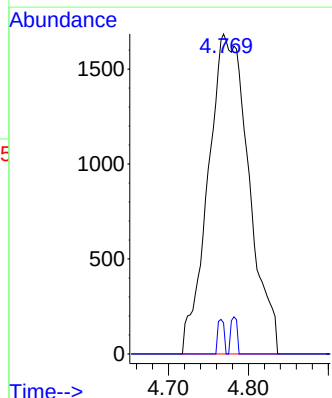
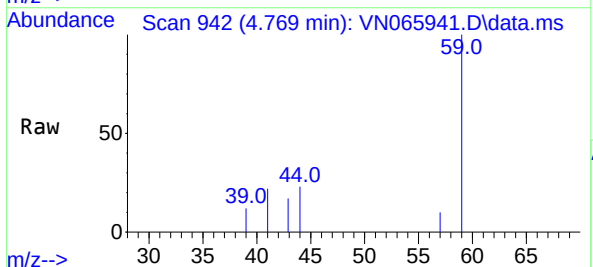
Instrument :
MSVOA_N
ClientSampled :
41061

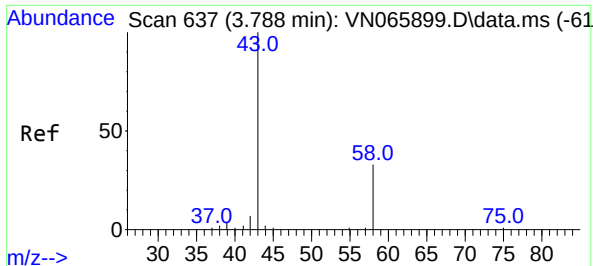
Tgt Ion:168 Resp: 182053
Ion Ratio Lower Upper
168 100
99 61.4 42.6 63.8



#11
Tert butyl alcohol
Concen: 16.79 ug/l
RT: 4.769 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN065941.D
Acq: 18 Feb 2021 15:25

Tgt Ion: 59 Resp: 5943
Ion Ratio Lower Upper
59 100
57 1.7 8.0 12.0#

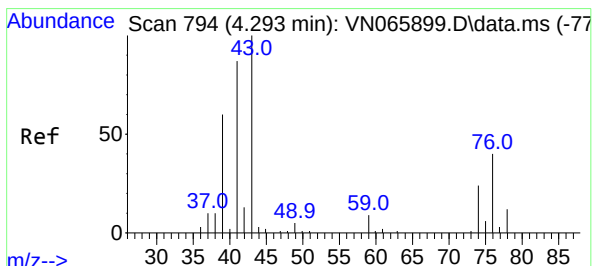
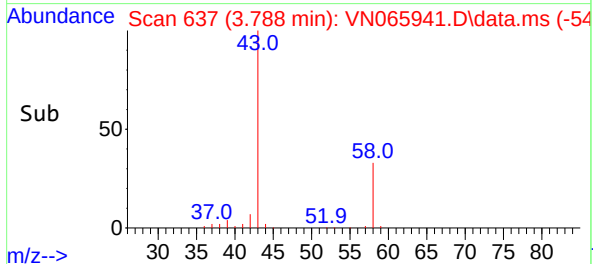
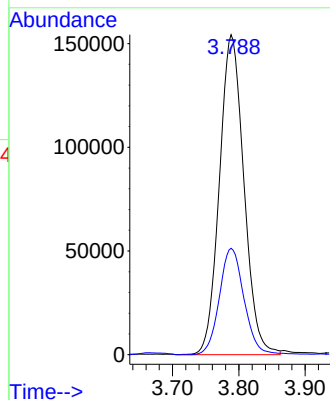
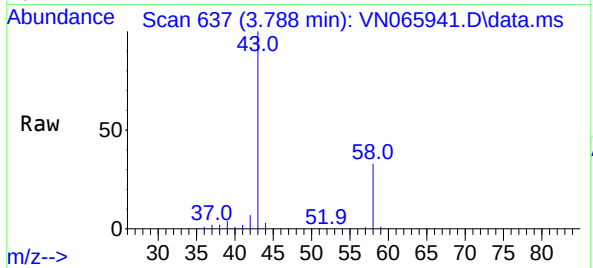




#16
Acetone
Concen: 496.17 ug/l
RT: 3.788 min Scan# 637
Delta R.T. 0.000 min
Lab File: VN065941.D
Acq: 18 Feb 2021 15:25

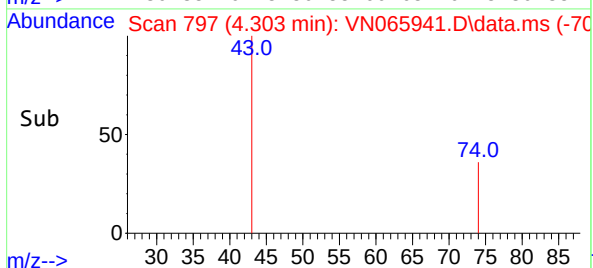
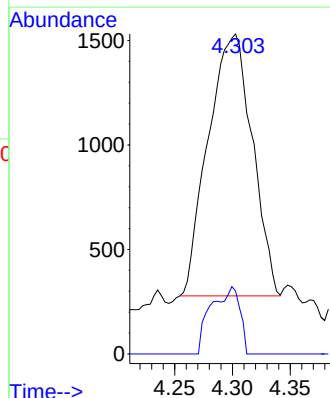
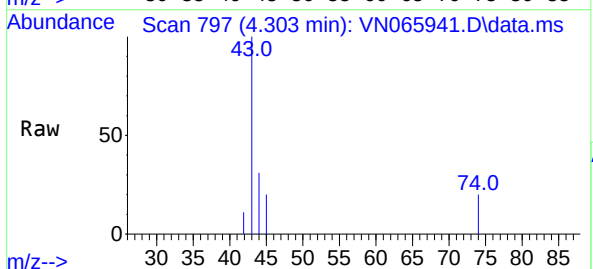
Instrument :
MSVOA_N
ClientSampleId :
41061

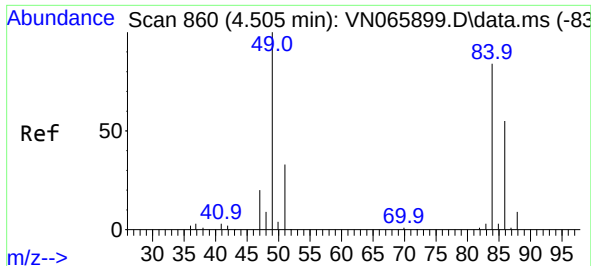
Tgt Ion: 43 Resp: 395543
Ion Ratio Lower Upper
43 100
58 33.2 27.0 40.6



#18
Methyl Acetate
Concen: 1.58 ug/l
RT: 4.303 min Scan# 797
Delta R.T. 0.010 min
Lab File: VN065941.D
Acq: 18 Feb 2021 15:25

Tgt Ion: 43 Resp: 3329
Ion Ratio Lower Upper
43 100
74 16.6 19.5 29.3#



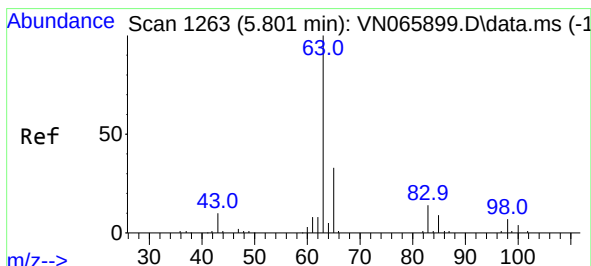
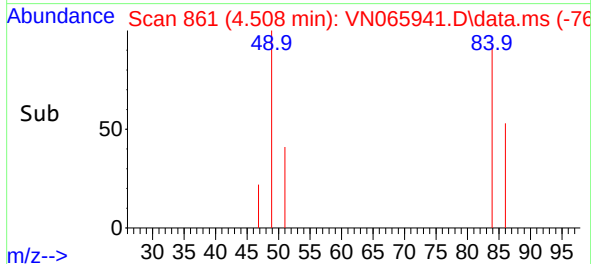
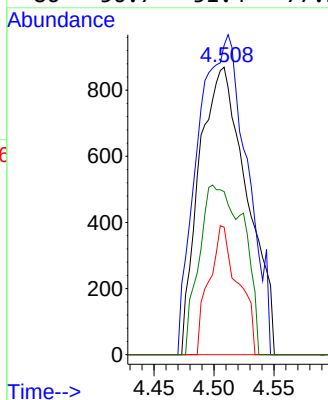
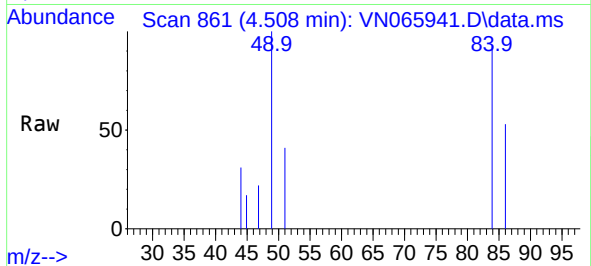


#20
Methylene Chloride
Concen: 1.02 ug/l
RT: 4.508 min Scan# 861
Delta R.T. 0.003 min
Lab File: VN065941.D
Acq: 18 Feb 2021 15:25

Instrument :
MSVOA_N
ClientSampleId :
41061

Tgt Ion: 84 Resp: 2410

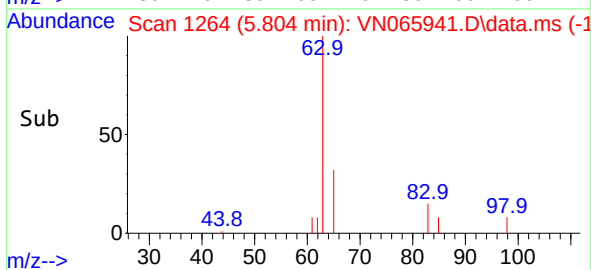
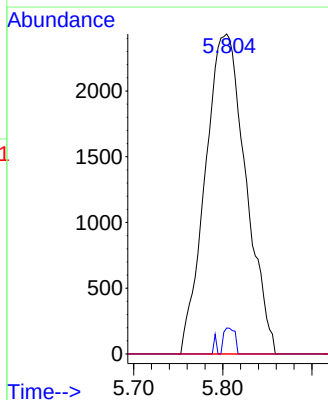
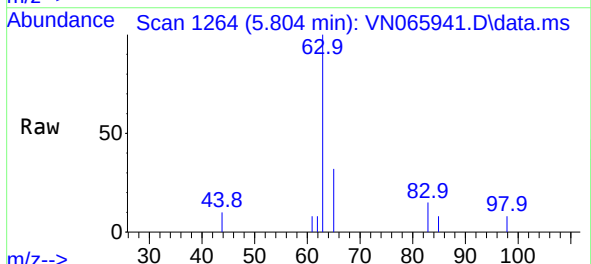
Ion	Ratio	Lower	Upper
84	100		
49	107.6	94.6	141.8
51	44.4	29.9	44.9
86	56.7	51.4	77.2

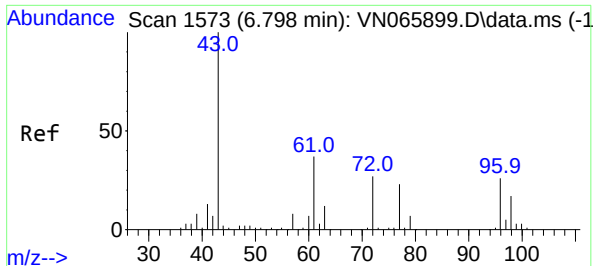


#24
1,1-Dichloroethane
Concen: 1.91 ug/l
RT: 5.804 min Scan# 1264
Delta R.T. 0.003 min
Lab File: VN065941.D
Acq: 18 Feb 2021 15:25

Tgt Ion: 63 Resp: 7686

Ion	Ratio	Lower	Upper
63	100		
98	8.1	3.5	10.4
100	0.0	2.3	6.9

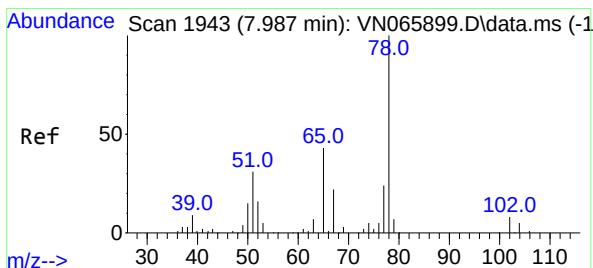
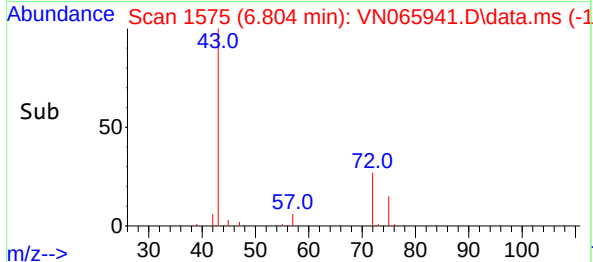
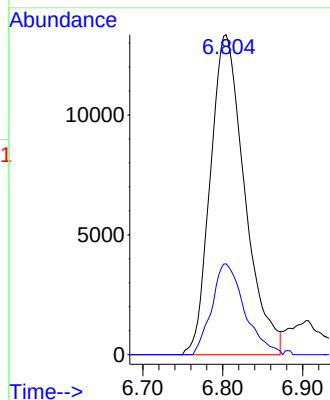
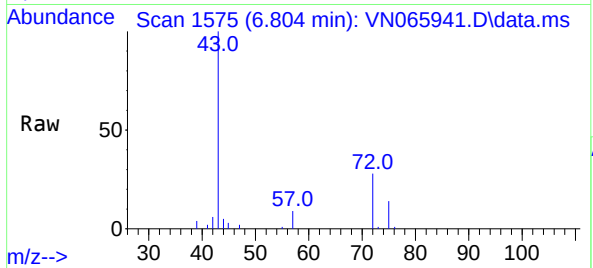




#25
2-Butanone
Concen: 31.57 ug/l
RT: 6.804 min Scan# 1575
Delta R.T. 0.006 min
Lab File: VN065941.D
Acq: 18 Feb 2021 15:25

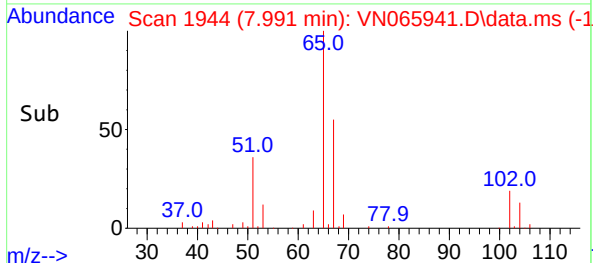
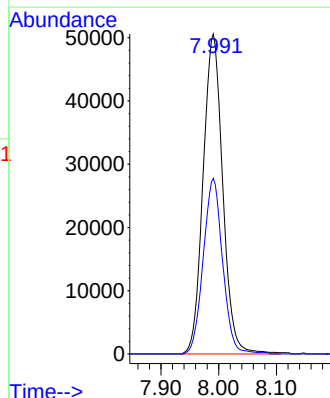
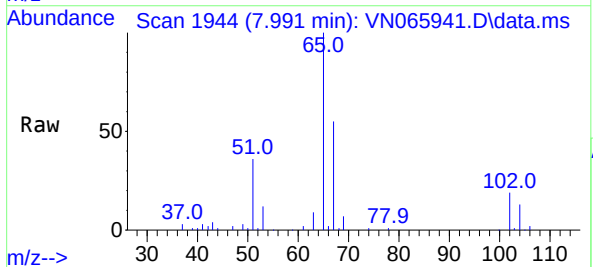
Instrument :
MSVOA_N
ClientSampled :
41061

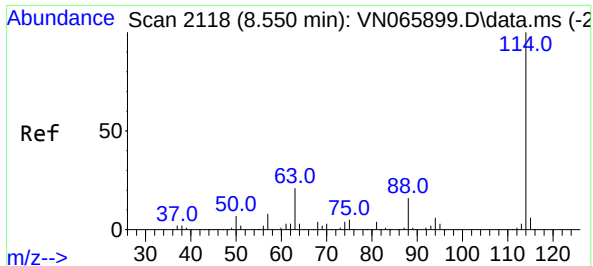
Tgt Ion: 43 Resp: 39791
Ion Ratio Lower Upper
43 100
72 28.4 23.1 34.7



#33
1,2-Dichloroethane-d4
Concen: 46.94 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. 0.004 min
Lab File: VN065941.D
Acq: 18 Feb 2021 15:25

Tgt Ion: 65 Resp: 119499
Ion Ratio Lower Upper
65 100
67 54.0 0.0 107.2

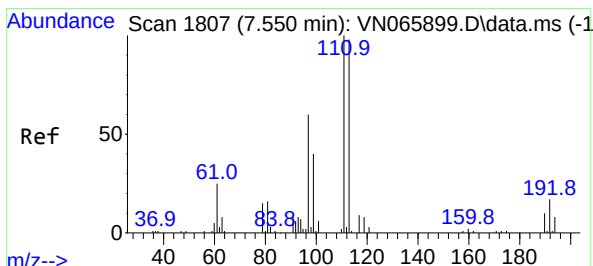
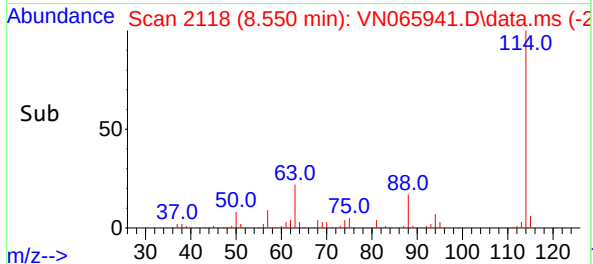
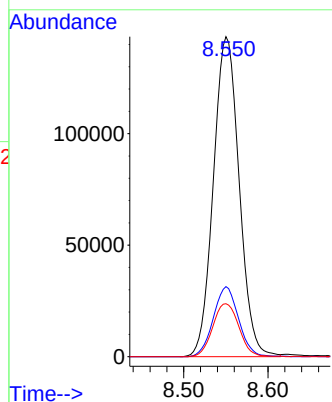
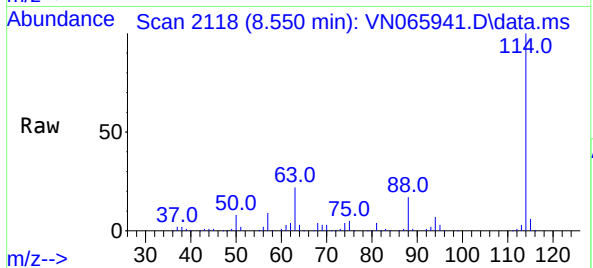




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065941.D
Acq: 18 Feb 2021 15:25

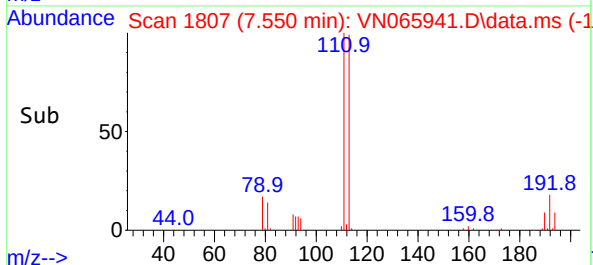
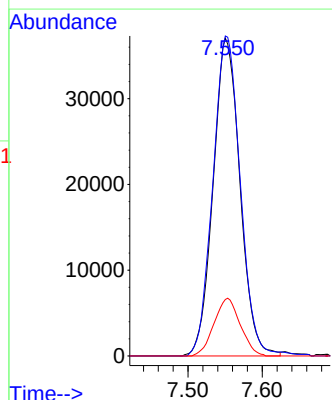
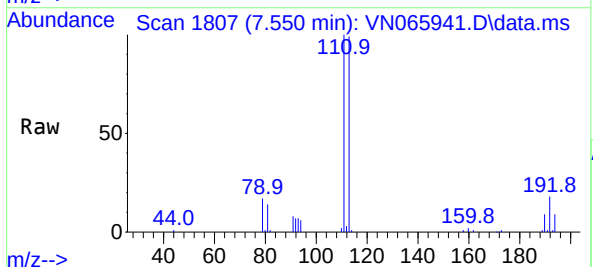
Instrument :
MSVOA_N
ClientSampleId :
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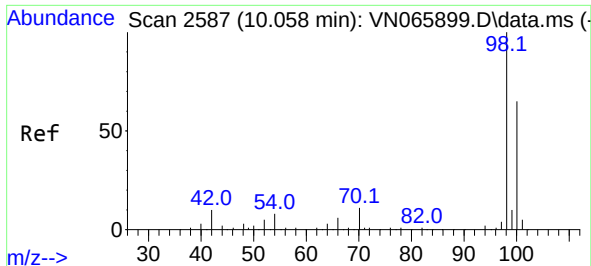
Tgt Ion:114 Resp: 304689
Ion Ratio Lower Upper
114 100
63 21.9 0.0 38.6
88 16.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.31 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN065941.D
Acq: 18 Feb 2021 15:25

Tgt Ion:113 Resp: 92986
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 17.8 15.4 23.0

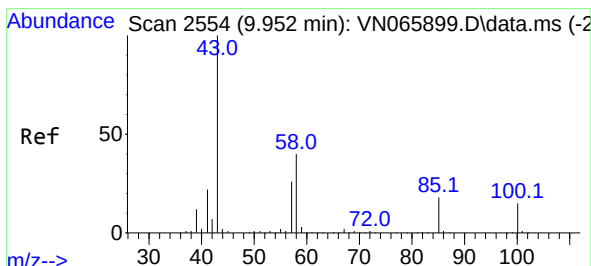
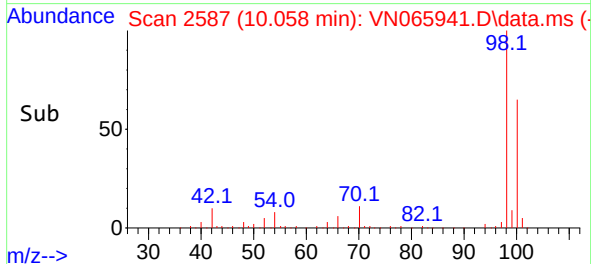
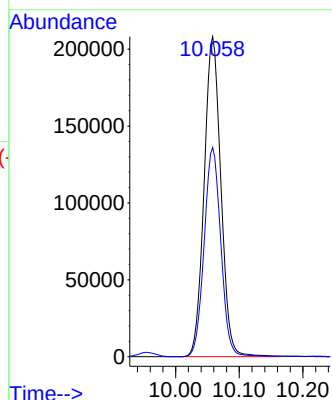
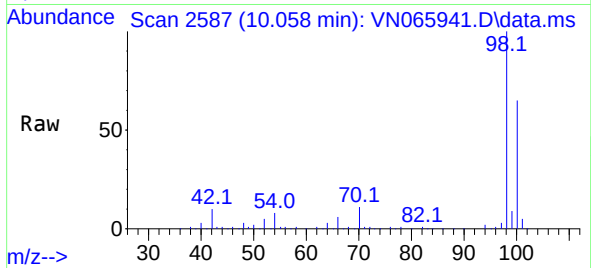




#50
Toluene-d8
Concen: 49.21 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065941.D
Acq: 18 Feb 2021 15:25

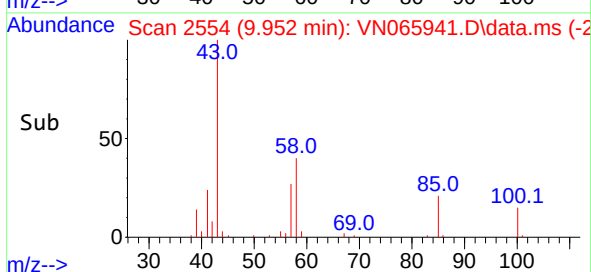
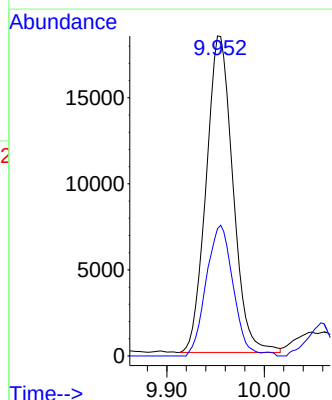
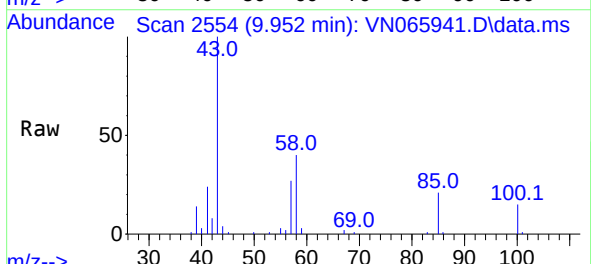
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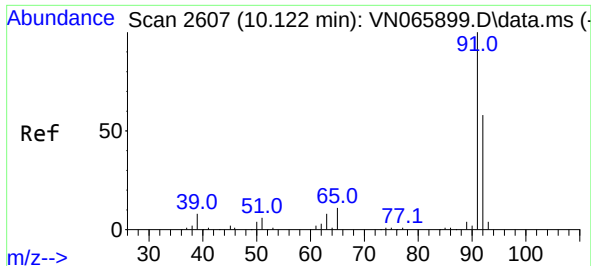
Tgt Ion: 98 Resp: 380942
Ion Ratio Lower Upper
98 100
100 65.0 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 13.35 ug/l
RT: 9.952 min Scan# 2554
Delta R.T. 0.000 min
Lab File: VN065941.D
Acq: 18 Feb 2021 15:25

Tgt Ion: 43 Resp: 35118
Ion Ratio Lower Upper
43 100
58 41.2 32.5 48.7

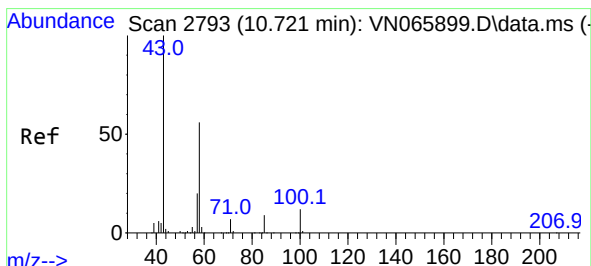
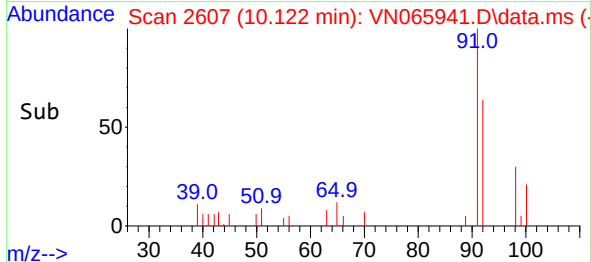
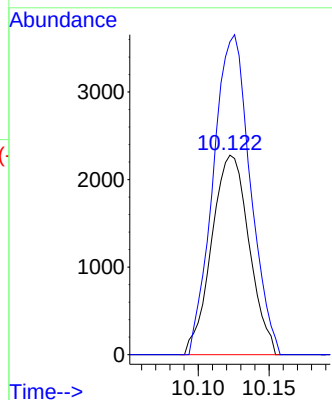
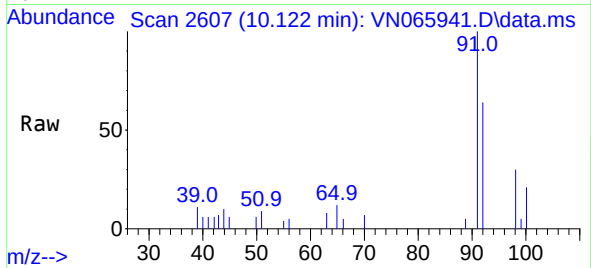




#52
Toluene
Concen: 0.74 ug/l
RT: 10.122 min Scan# 2607
Delta R.T. 0.000 min
Lab File: VN065941.D
Acq: 18 Feb 2021 15:25

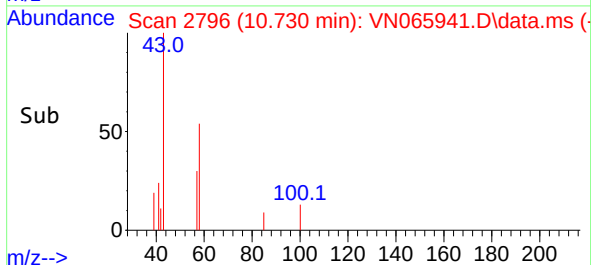
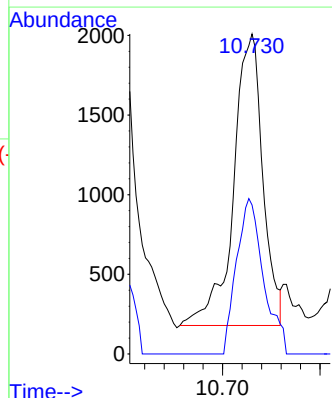
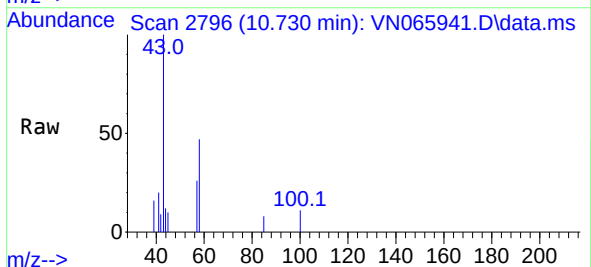
Instrument :
MSVOA_N
ClientSampled :
41061

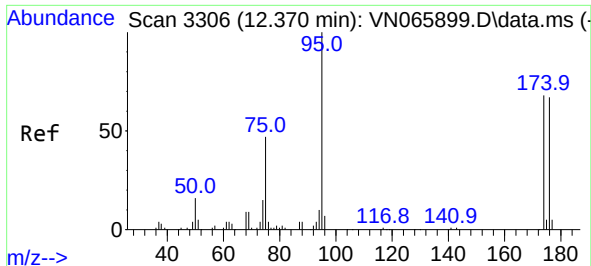
Tgt Ion: 92 Resp: 4199
Ion Ratio Lower Upper
92 100
91 158.6 140.7 211.1



#59
2-Hexanone
Concen: 2.05 ug/l
RT: 10.730 min Scan# 2796
Delta R.T. 0.009 min
Lab File: VN065941.D
Acq: 18 Feb 2021 15:25

Tgt Ion: 43 Resp: 3835
Ion Ratio Lower Upper
43 100
58 48.9 28.1 84.3

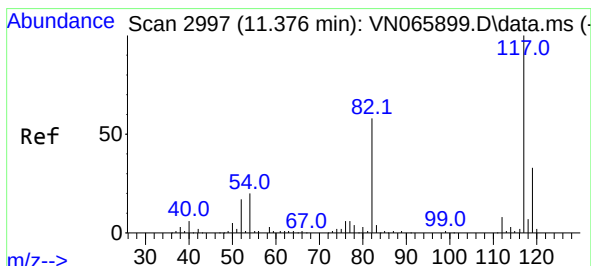
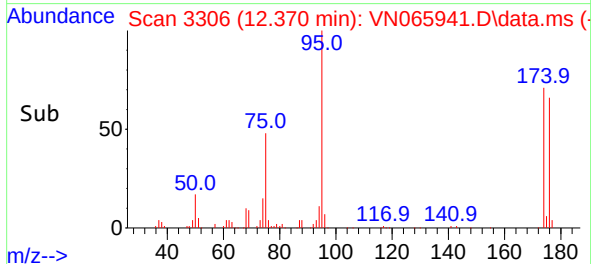
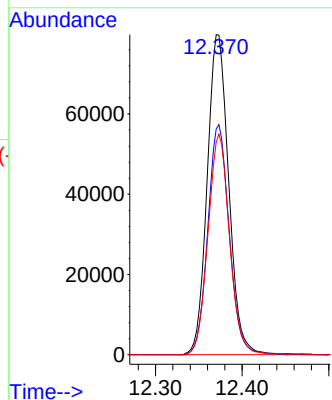
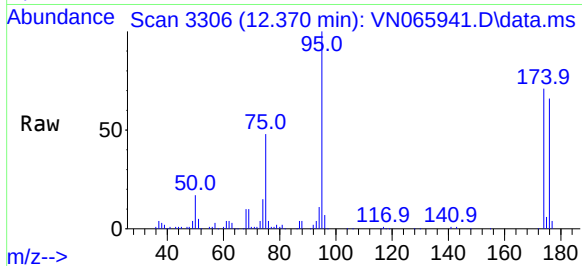




#62
4-Bromofluorobenzene
Concen: 47.39 ug/l
RT: 12.370 min Scan# 3306
Delta R.T. -0.000 min
Lab File: VN065941.D
Acq: 18 Feb 2021 15:25

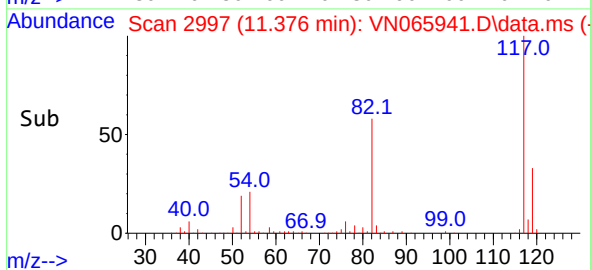
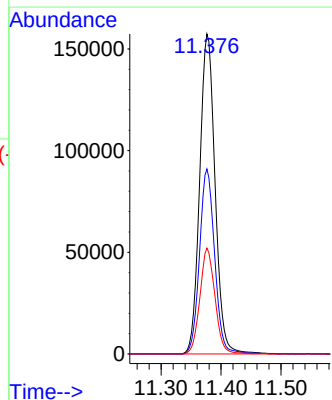
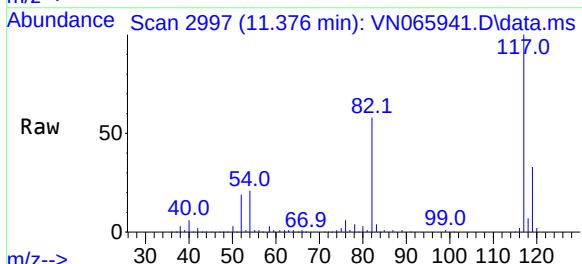
Instrument :
MSVOA_N
ClientSampleId :
41061

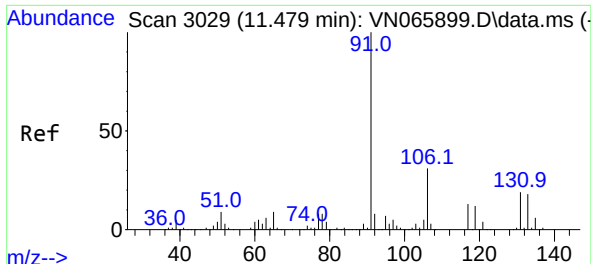
Tgt Ion: 95 Resp: 137697
Ion Ratio Lower Upper
95 100
174 71.6 0.0 169.0
176 68.8 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065941.D
Acq: 18 Feb 2021 15:25

Tgt Ion: 117 Resp: 282358
Ion Ratio Lower Upper
117 100
82 57.8 43.7 65.5
119 33.1 26.1 39.1

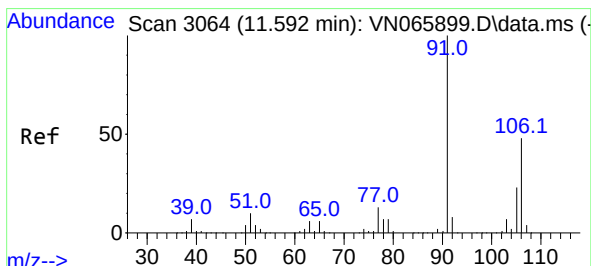
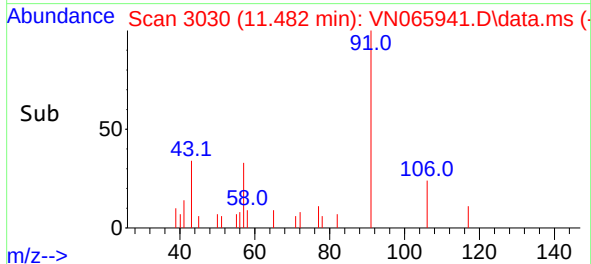
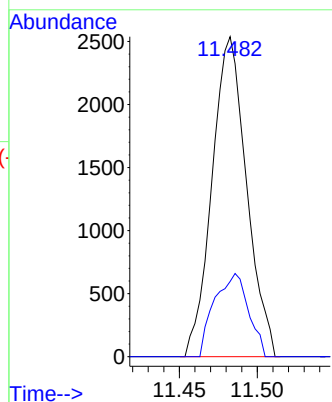
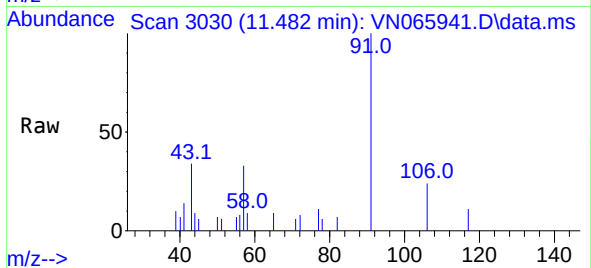




#67
Ethyl Benzene
Concen: 0.37 ug/l
RT: 11.482 min Scan# 3030
Delta R.T. 0.003 min
Lab File: VN065941.D
Acq: 18 Feb 2021 15:25

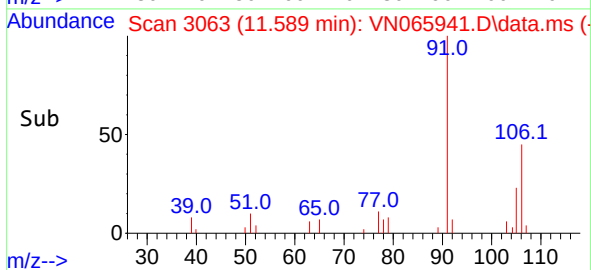
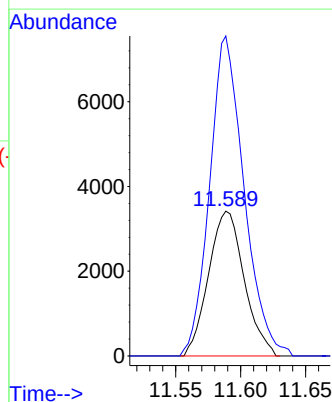
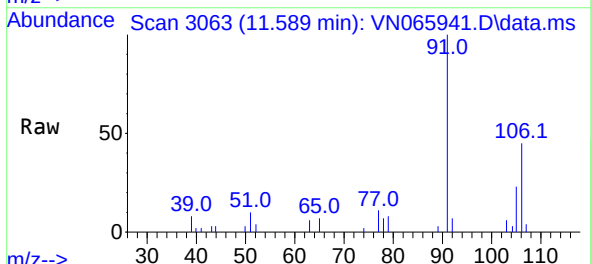
Instrument :
MSVOA_N
ClientSampleId :
41061

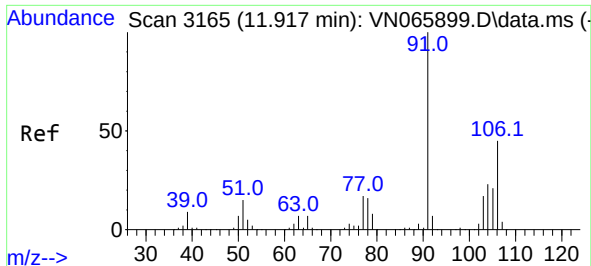
Tgt Ion: 91 Resp: 3909
Ion Ratio Lower Upper
91 100
106 23.5 25.5 38.3#



#68
m/p-Xylenes
Concen: 1.64 ug/l
RT: 11.589 min Scan# 3063
Delta R.T. -0.003 min
Lab File: VN065941.D
Acq: 18 Feb 2021 15:25

Tgt Ion: 106 Resp: 6526
Ion Ratio Lower Upper
106 100
91 213.0 161.4 242.0

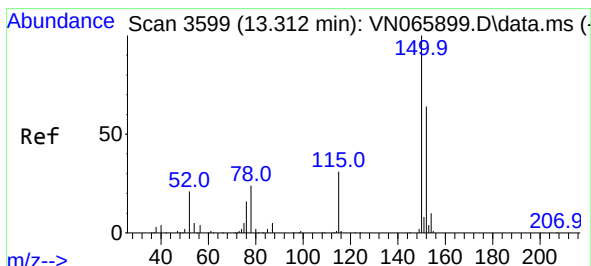
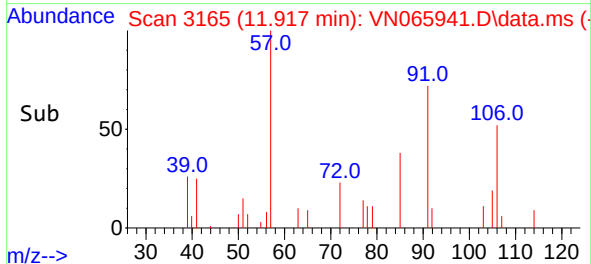
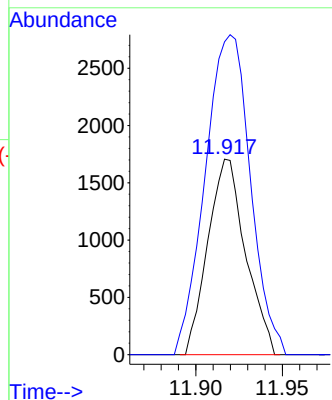
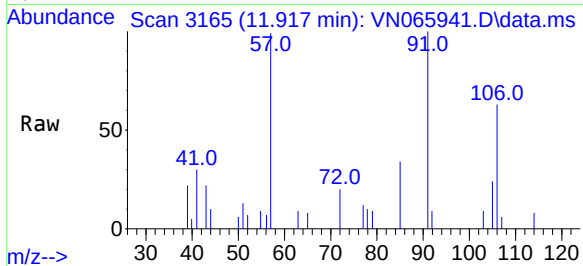




#69
o-Xylene
Concen: 0.67 ug/l
RT: 11.917 min Scan# 3165
Delta R.T. -0.000 min
Lab File: VN065941.D
Acq: 18 Feb 2021 15:25

Instrument :
MSVOA_N
ClientSampled :
41061

Tgt Ion:106 Resp: 2584
Ion Ratio Lower Upper
106 100
91 195.9 106.8 320.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.312 min Scan# 3599
Delta R.T. -0.000 min
Lab File: VN065941.D
Acq: 18 Feb 2021 15:25

Tgt Ion:152 Resp: 122684
Ion Ratio Lower Upper
152 100
115 61.5 28.5 85.6
150 158.8 0.0 347.6

