

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012721\
 Data File : VN065636.D
 Acq On : 27 Jan 2021 17:50
 Operator : JC/MD
 Sample : M1229-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRE-1125

Quant Time: Jan 28 02:17:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:47:28 2021
 Response via : Initial Calibration

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

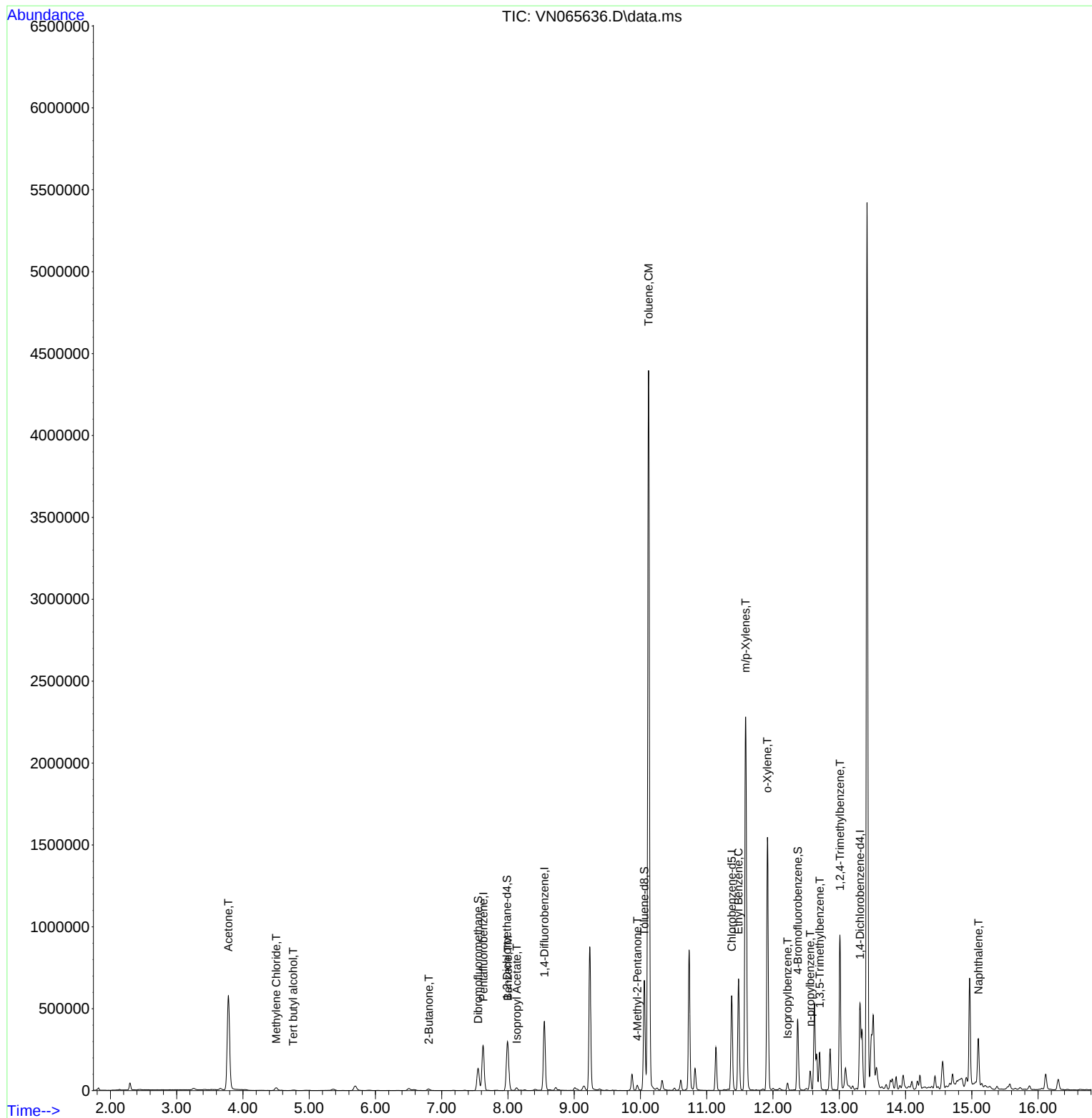
Internal Standards						
1) Pentafluorobenzene	7.627	168	221777	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	382147	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	340133	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	144299	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	142841	48.96	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.92%		
35) Dibromofluoromethane	7.550	113	111616	49.29	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.58%		
50) Toluene-d8	10.058	98	479416	53.86	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	107.72%		
62) 4-Bromofluorobenzene	12.373	95	169769	52.96	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	105.92%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.759	59	6806	12.45	ug/l #	87
16) Acetone	3.779	43	946379	833.19	ug/l	99
20) Methylene Chloride	4.502	84	11885	3.78	ug/l	92
25) 2-Butanone	6.804	43	13692	7.69	ug/l	91
40) Benzene	8.000	78	176450	15.02	ug/l	99
43) Isopropyl Acetate	8.132	43	18536	2.83	ug/l #	90
51) 4-Methyl-2-Pentanone	9.952	43	24444	6.78	ug/l	93
52) Toluene	10.122	92	2027341	291.43	ug/l	94
67) Ethyl Benzene	11.479	91	504703	37.76	ug/l	98
68) m/p-Xylenes	11.589	106	739771	152.87	ug/l	96
69) o-Xylene	11.917	106	424527	90.53	ug/l	96
73) Isopropylbenzene	12.219	105	29980	2.37	ug/l	100
78) n-propylbenzene	12.563	91	96714	6.50	ug/l	95
80) 1,3,5-Trimethylbenzene	12.704	105	125251	11.64	ug/l	99
84) 1,2,4-Trimethylbenzene	13.010	105	540073	50.34	ug/l	100
95) Naphthalene	15.100	128	258507	29.19	ug/l	100

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

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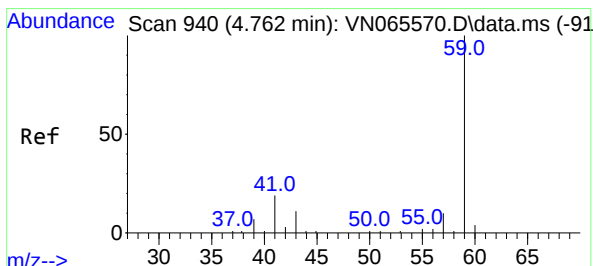
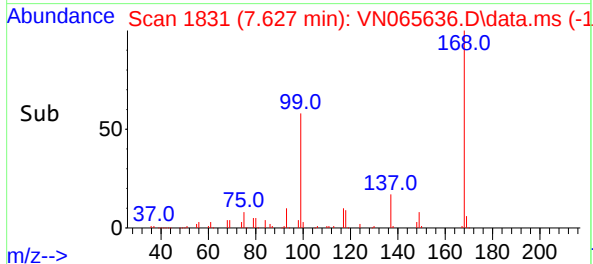
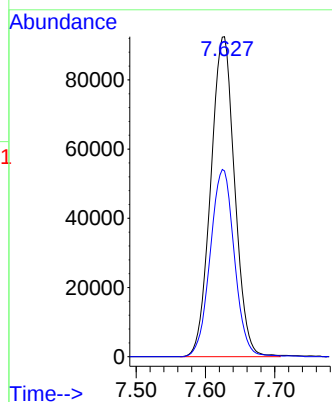
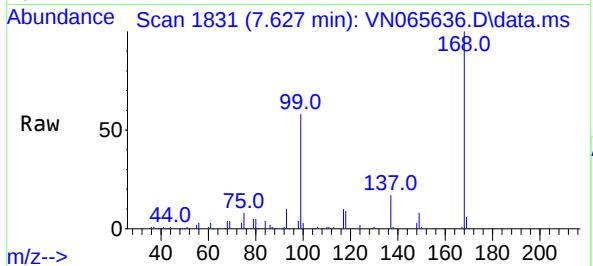




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.003 min
Lab File: VN065636.D
Acq: 27 Jan 2021 17:50

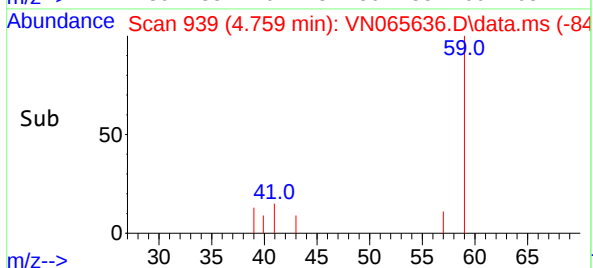
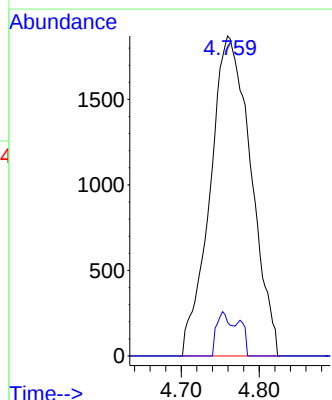
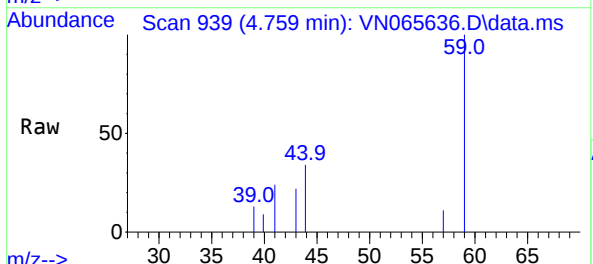
Instrument :
MSVOA_N
ClientSampleId :
TRE-1125

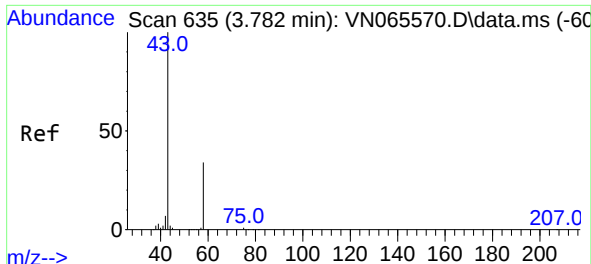
Tgt Ion:168 Resp: 221777
Ion Ratio Lower Upper
168 100
99 58.1 42.6 63.8



#11
Tert butyl alcohol
Concen: 12.45 ug/l
RT: 4.759 min Scan# 939
Delta R.T. -0.003 min
Lab File: VN065636.D
Acq: 27 Jan 2021 17:50

Tgt Ion: 59 Resp: 6806
Ion Ratio Lower Upper
59 100
57 5.1 8.0 12.0#

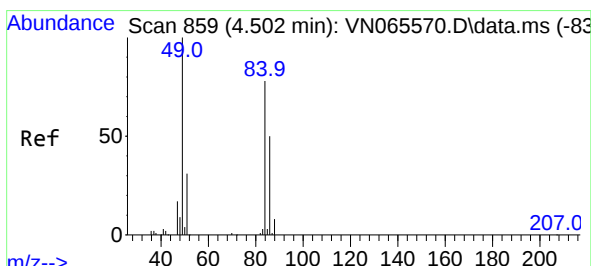
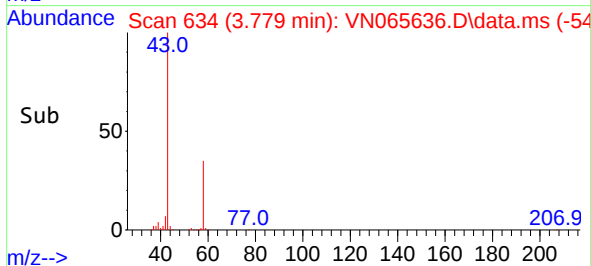
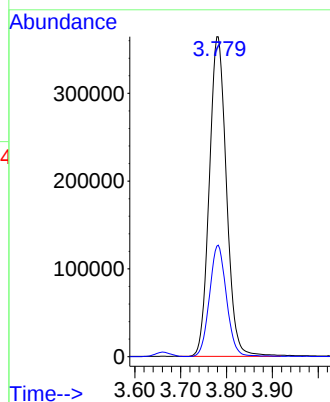
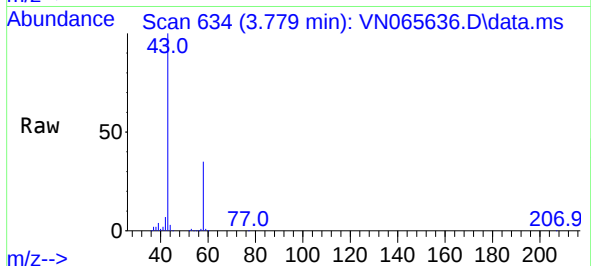




#16
Acetone
Concen: 833.19 ug/l
RT: 3.779 min Scan# 634
Delta R.T. -0.003 min
Lab File: VN065636.D
Acq: 27 Jan 2021 17:50

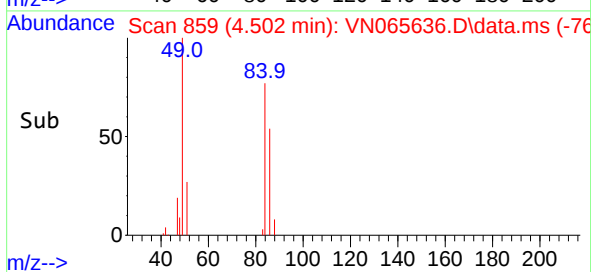
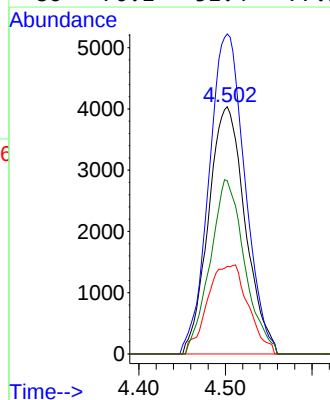
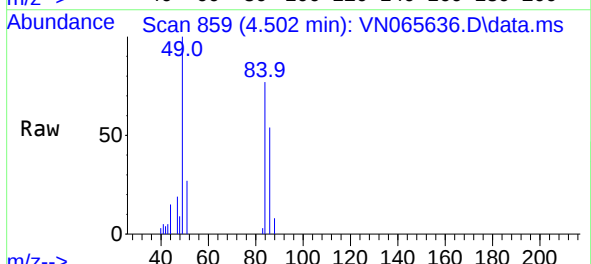
Instrument :
MSVOA_N
ClientSampleId :
TRE-1125

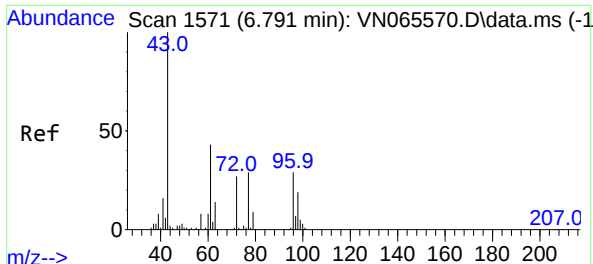
Tgt Ion: 43 Resp: 946379
Ion Ratio Lower Upper
43 100
58 34.5 27.0 40.6



#20
Methylene Chloride
Concen: 3.78 ug/l
RT: 4.502 min Scan# 859
Delta R.T. 0.000 min
Lab File: VN065636.D
Acq: 27 Jan 2021 17:50

Tgt Ion: 84 Resp: 11885
Ion Ratio Lower Upper
84 100
49 129.4 94.6 141.8
51 35.4 29.9 44.9
86 70.1 51.4 77.2

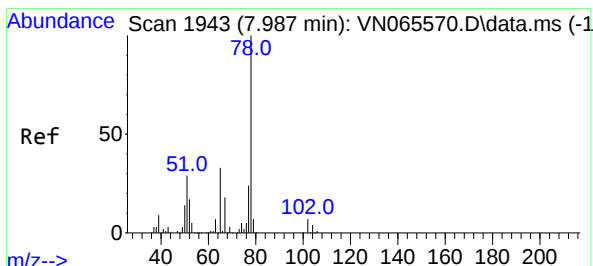
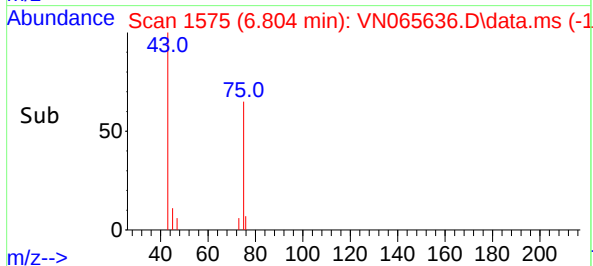
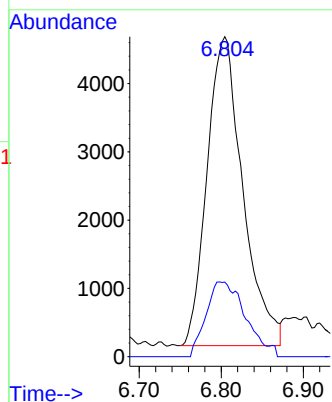
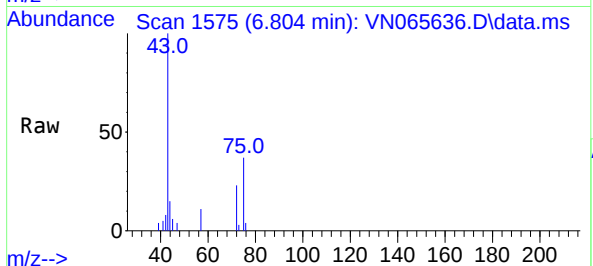




#25
2-Butanone
Concen: 7.69 ug/l
RT: 6.804 min Scan# 1575
Delta R.T. 0.013 min
Lab File: VN065636.D
Acq: 27 Jan 2021 17:50

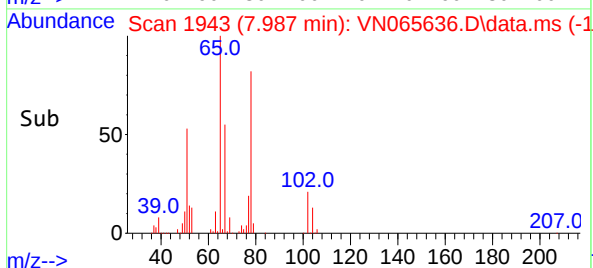
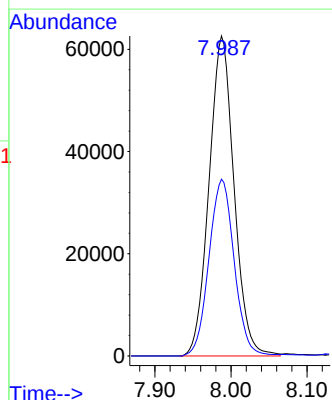
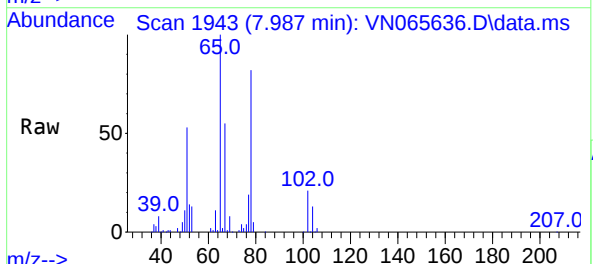
Instrument :
MSVOA_N
ClientSampled :
TRE-1125

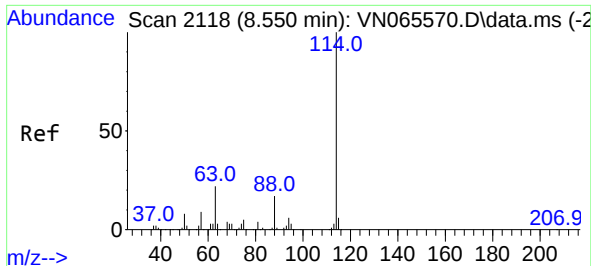
Tgt Ion: 43 Resp: 13692
Ion Ratio Lower Upper
43 100
72 24.1 23.1 34.7



#33
1,2-Dichloroethane-d4
Concen: 48.96 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065636.D
Acq: 27 Jan 2021 17:50

Tgt Ion: 65 Resp: 142841
Ion Ratio Lower Upper
65 100
67 56.3 0.0 107.2



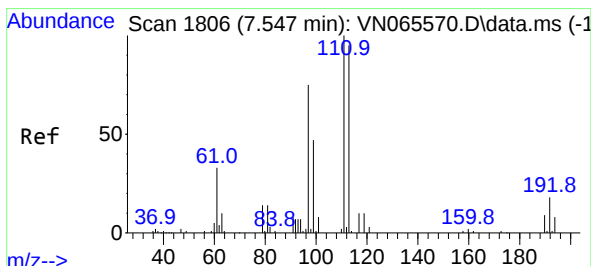
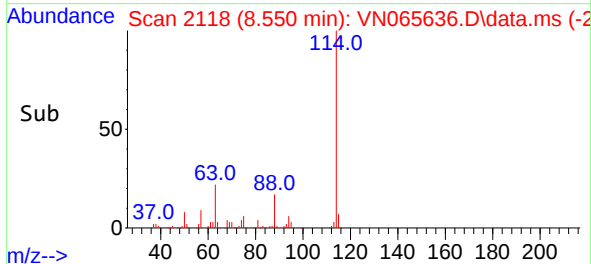
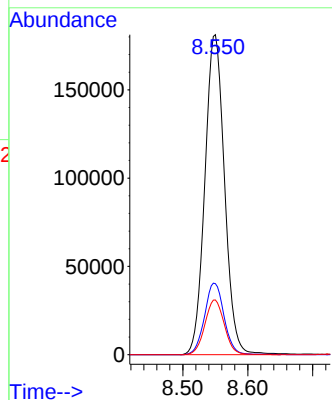
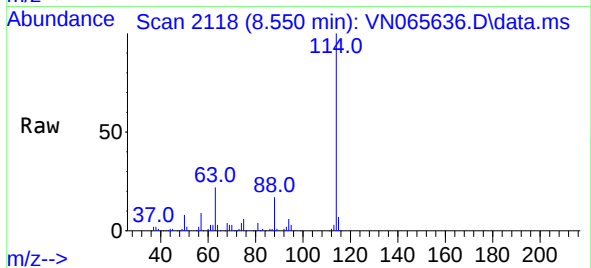


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065636.D
Acq: 27 Jan 2021 17:50

Instrument :
MSVOA_N
ClientSampled :
TRE-1125

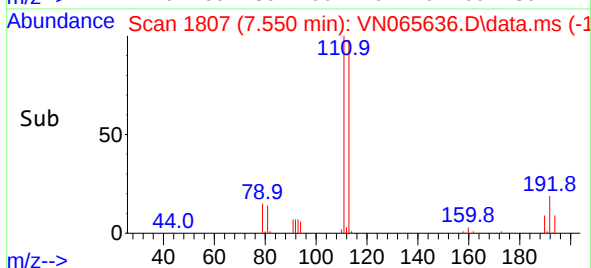
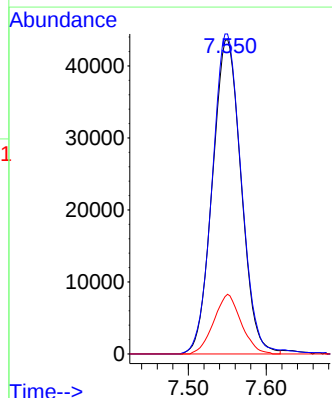
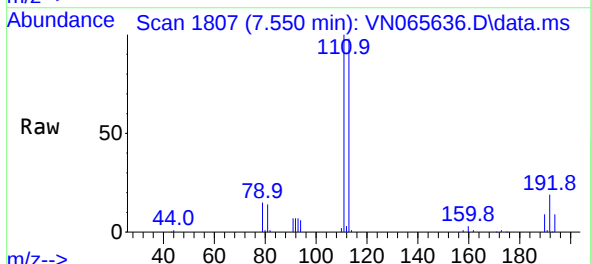
Tgt Ion:114 Resp: 382147
Ion Ratio Lower Upper
114 100
63 22.2 0.0 38.6
88 17.1 0.0 30.6

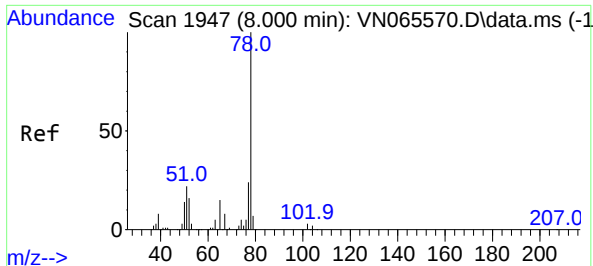


#35

Dibromofluoromethane
Concen: 49.29 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VN065636.D
Acq: 27 Jan 2021 17:50

Tgt Ion:113 Resp: 111616
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.2
192 18.1 15.4 23.0

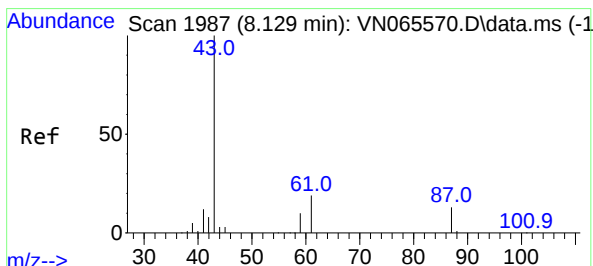
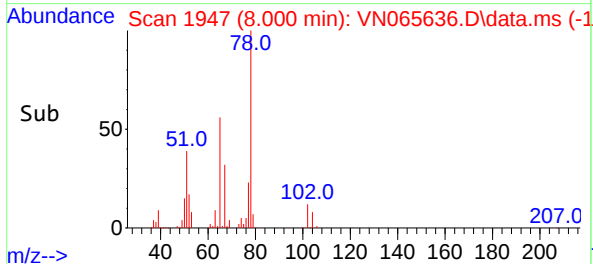
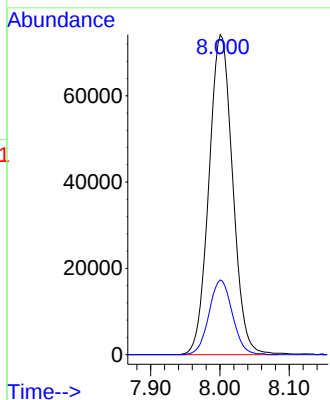
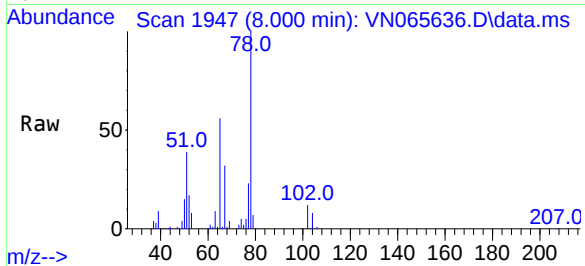




#40
Benzene
Concen: 15.02 ug/l
RT: 8.000 min Scan# 1947
Delta R.T. 0.000 min
Lab File: VN065636.D
Acq: 27 Jan 2021 17:50

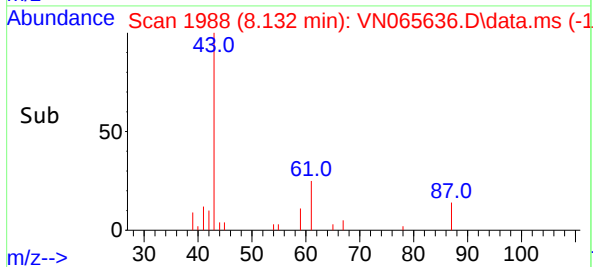
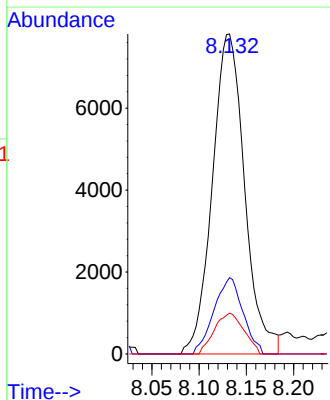
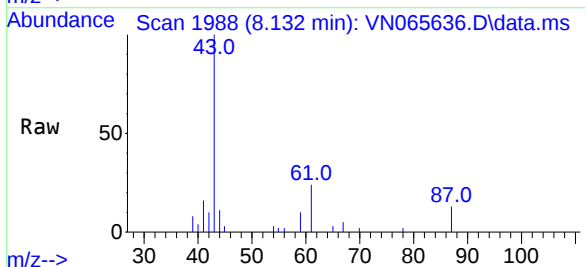
Instrument :
MSVOA_N
ClientSampleId :
TRE-1125

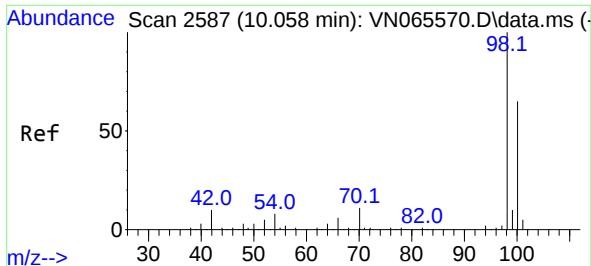
Tgt Ion: 78 Resp: 176450
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.4



#43
Isopropyl Acetate
Concen: 2.83 ug/l
RT: 8.132 min Scan# 1988
Delta R.T. 0.003 min
Lab File: VN065636.D
Acq: 27 Jan 2021 17:50

Tgt Ion: 43 Resp: 18536
Ion Ratio Lower Upper
43 100
61 21.4 22.5 33.7#
87 11.6 11.1 16.7

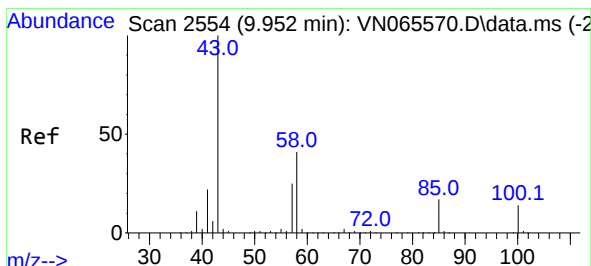
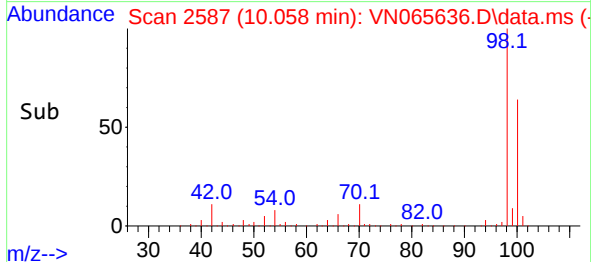
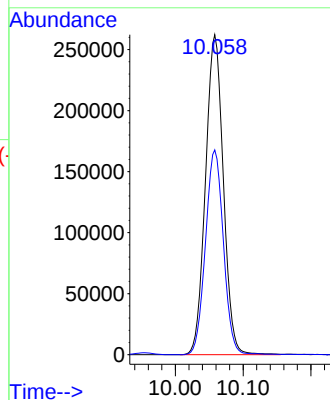
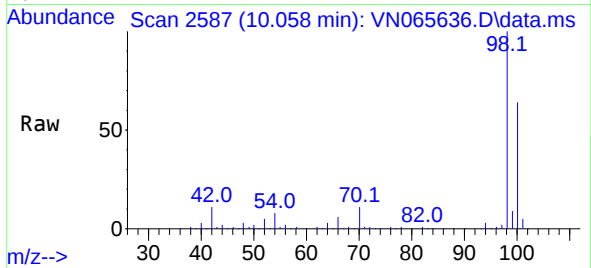




#50
Toluene-d8
Concen: 53.86 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065636.D
Acq: 27 Jan 2021 17:50

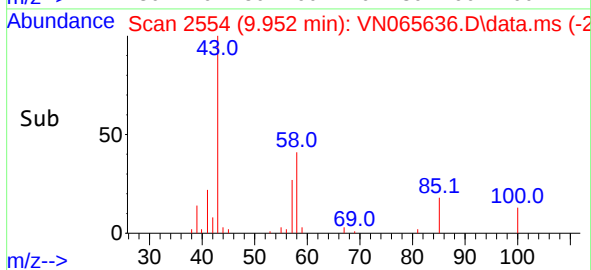
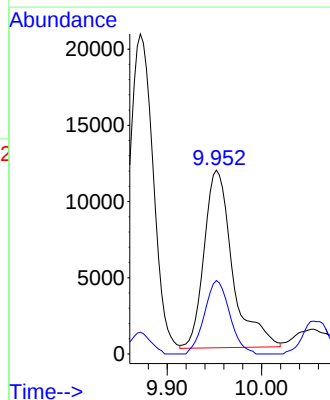
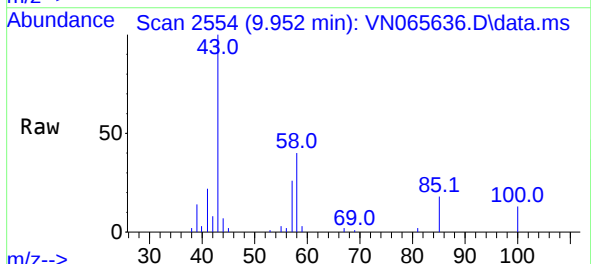
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TRE-1125

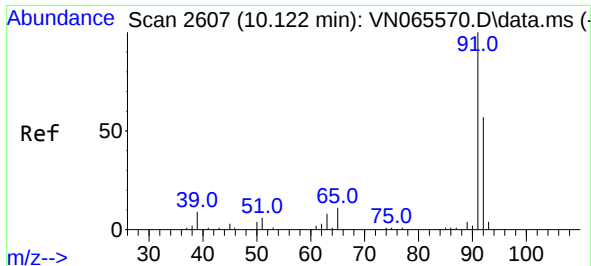
Tgt Ion: 98 Resp: 479416
Ion Ratio Lower Upper
98 100
100 64.4 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 6.78 ug/l
RT: 9.952 min Scan# 2554
Delta R.T. 0.000 min
Lab File: VN065636.D
Acq: 27 Jan 2021 17:50

Tgt Ion: 43 Resp: 24444
Ion Ratio Lower Upper
43 100
58 36.4 32.5 48.7

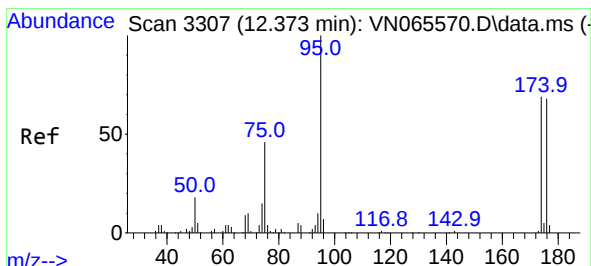
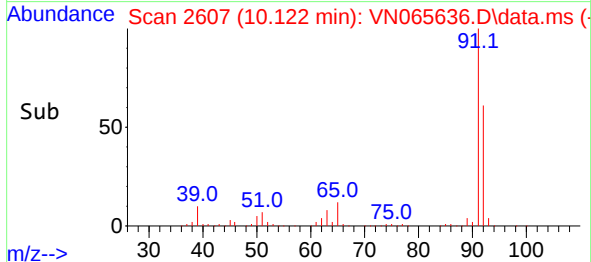
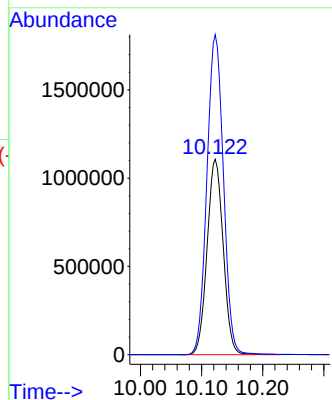
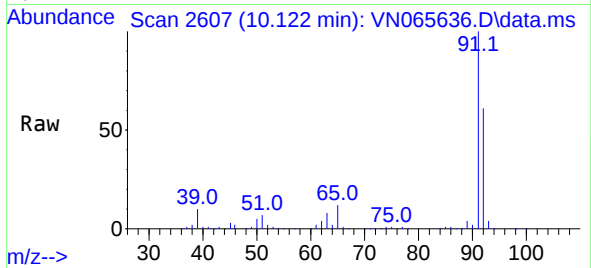




#52
Toluene
Concen: 291.43 ug/l
RT: 10.122 min Scan# 2607
Delta R.T. 0.000 min
Lab File: VN065636.D
Acq: 27 Jan 2021 17:50

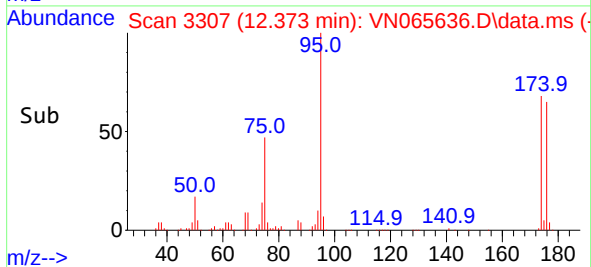
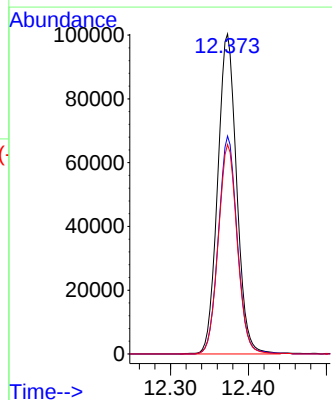
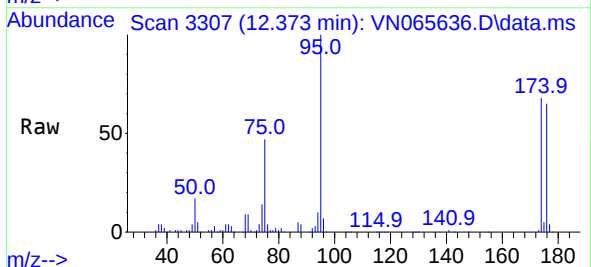
Instrument :
MSVOA_N
ClientSampled :
TRE-1125

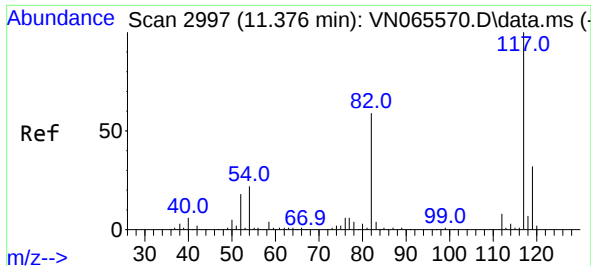
Tgt Ion: 92 Resp: 2027341
Ion Ratio Lower Upper
92 100
91 168.1 140.7 211.1



#62
4-Bromofluorobenzene
Concen: 52.96 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065636.D
Acq: 27 Jan 2021 17:50

Tgt Ion: 95 Resp: 169769
Ion Ratio Lower Upper
95 100
174 67.6 0.0 169.0
176 65.4 0.0 162.4

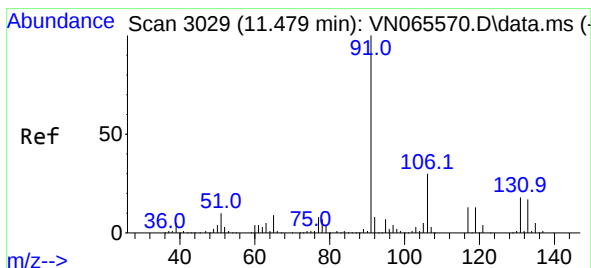
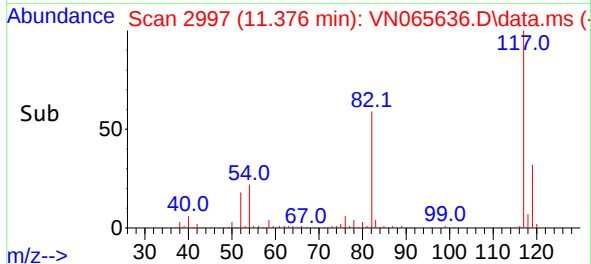
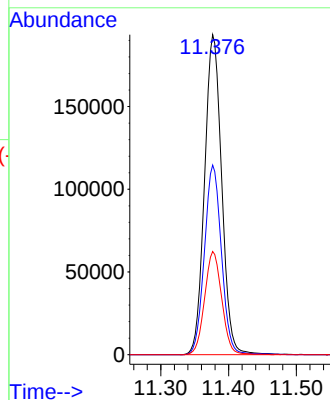
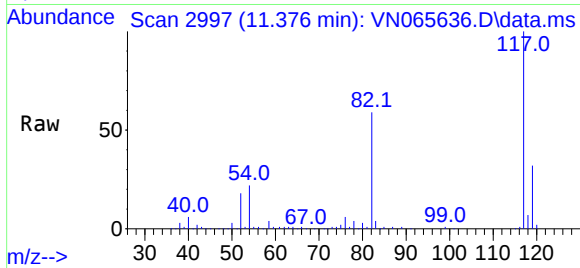




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065636.D
Acq: 27 Jan 2021 17:50

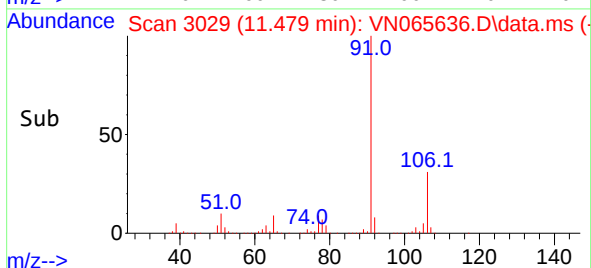
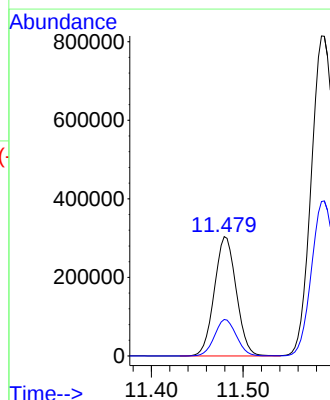
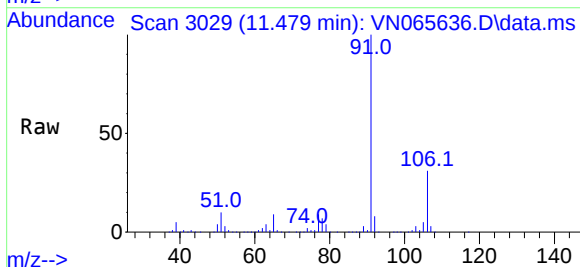
Instrument :
MSVOA_N
ClientSampleId :
TRE-1125

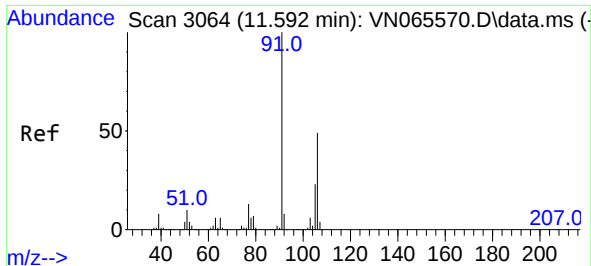
Tgt Ion:117 Resp: 340133
Ion Ratio Lower Upper
117 100
82 59.2 43.7 65.5
119 32.3 26.1 39.1



#67
Ethyl Benzene
Concen: 37.76 ug/l
RT: 11.479 min Scan# 3029
Delta R.T. 0.000 min
Lab File: VN065636.D
Acq: 27 Jan 2021 17:50

Tgt Ion: 91 Resp: 504703
Ion Ratio Lower Upper
91 100
106 30.6 25.5 38.3

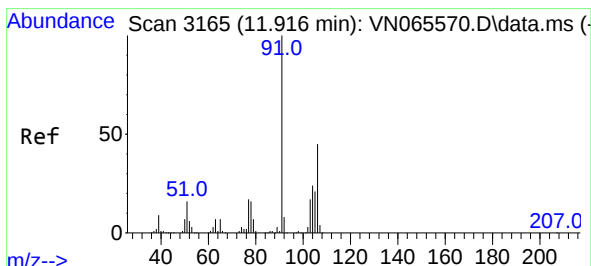
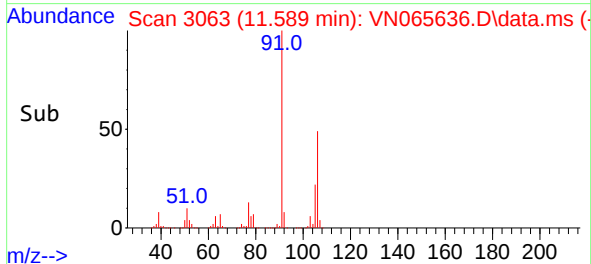
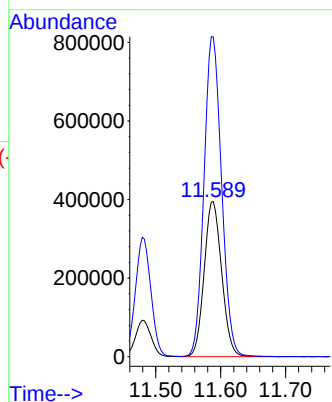
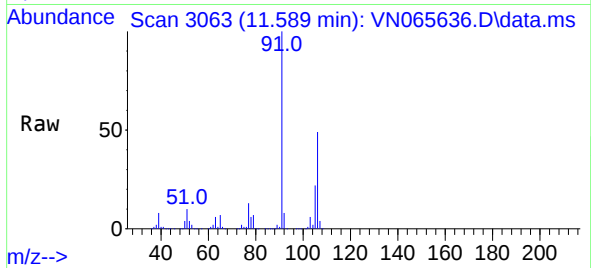




#68
m/p-Xylenes
Concen: 152.87 ug/l
RT: 11.589 min Scan# 3063
Delta R.T. -0.003 min
Lab File: VN065636.D
Acq: 27 Jan 2021 17:50

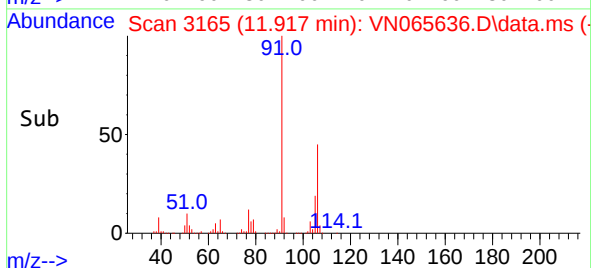
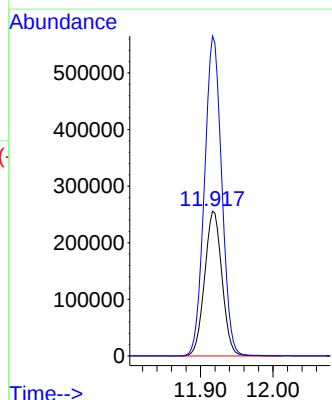
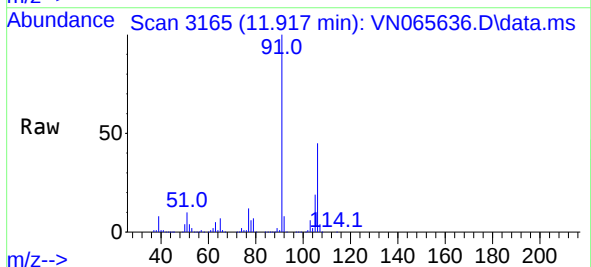
Instrument :
MSVOA_N
ClientSampleId :
TRE-1125

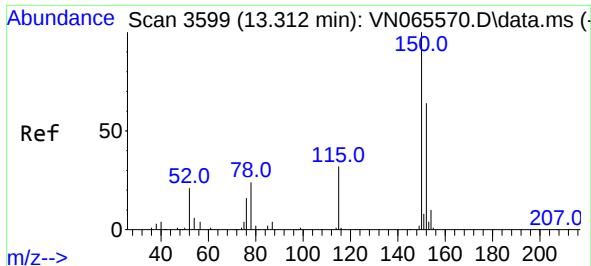
Tgt Ion:106 Resp: 739771
Ion Ratio Lower Upper
106 100
91 207.2 161.4 242.0



#69
o-Xylene
Concen: 90.53 ug/l
RT: 11.917 min Scan# 3165
Delta R.T. 0.001 min
Lab File: VN065636.D
Acq: 27 Jan 2021 17:50

Tgt Ion:106 Resp: 424527
Ion Ratio Lower Upper
106 100
91 220.5 106.8 320.4

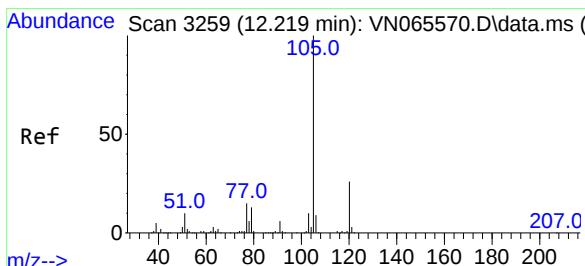
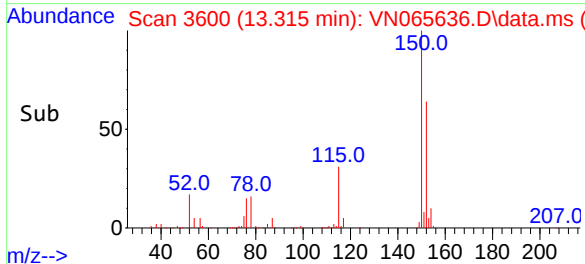
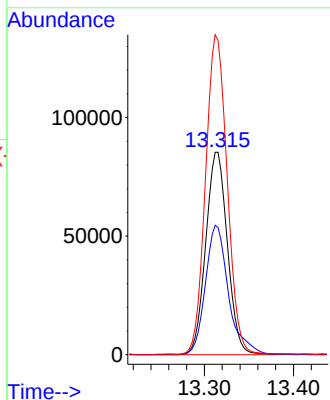
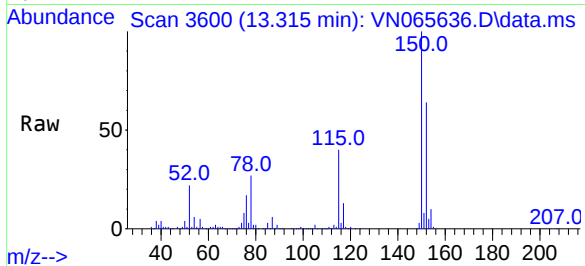




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065636.D
Acq: 27 Jan 2021 17:50

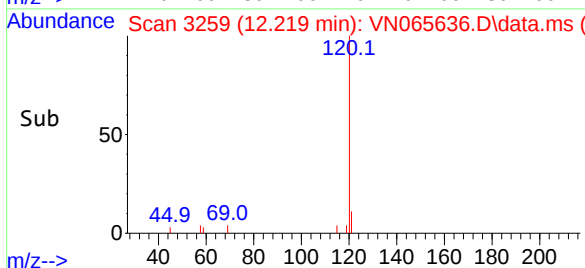
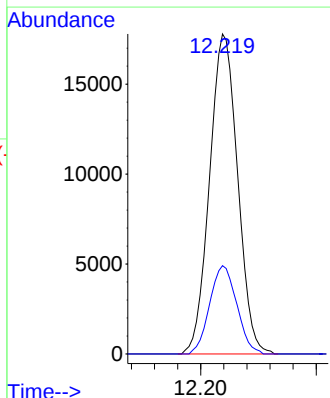
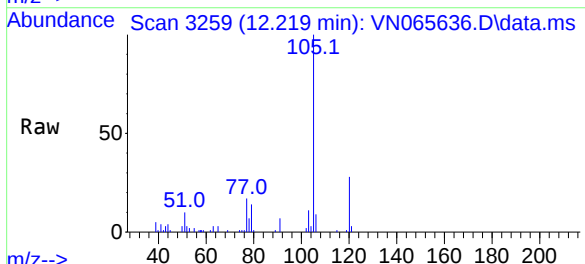
Instrument :
MSVOA_N
ClientSampled :
TRE-1125

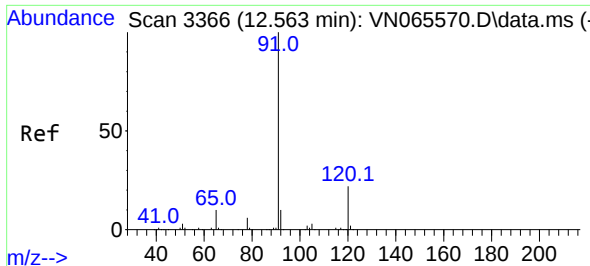
Tgt Ion:152 Resp: 144299
Ion Ratio Lower Upper
152 100
115 67.8 28.5 85.6
150 158.1 0.0 347.6



#73
Isopropylbenzene
Concen: 2.37 ug/l
RT: 12.219 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VN065636.D
Acq: 27 Jan 2021 17:50

Tgt Ion:105 Resp: 29980
Ion Ratio Lower Upper
105 100
120 26.6 13.3 39.9

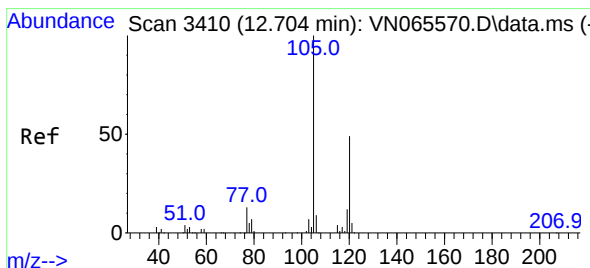
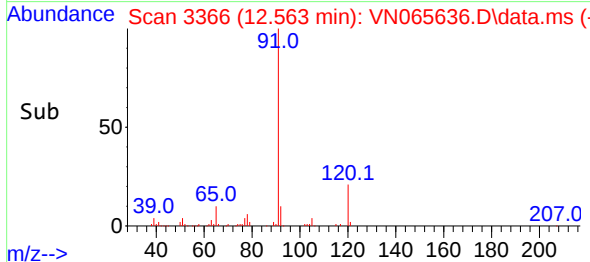
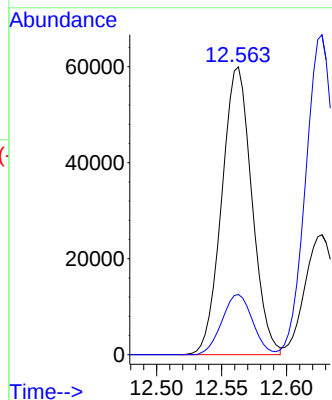
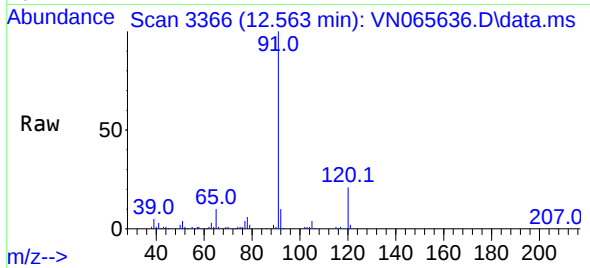




#78
n-propylbenzene
Concen: 6.50 ug/l
RT: 12.563 min Scan# 3366
Delta R.T. -0.000 min
Lab File: VN065636.D
Acq: 27 Jan 2021 17:50

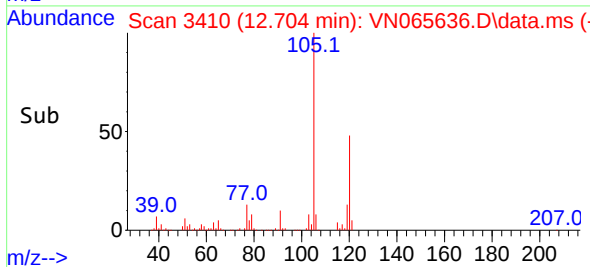
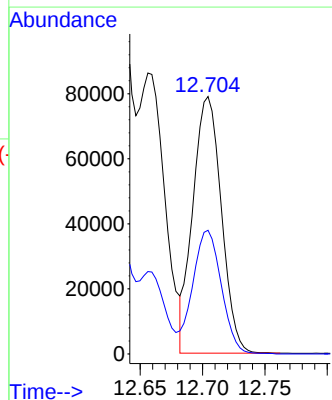
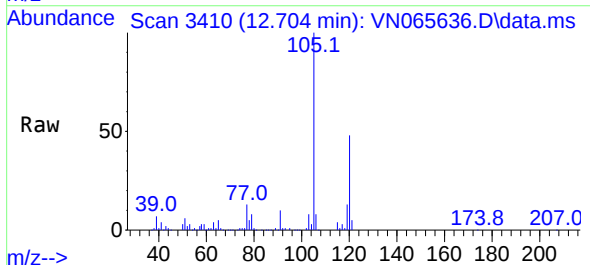
Instrument :
MSVOA_N
ClientSampled :
TRE-1125

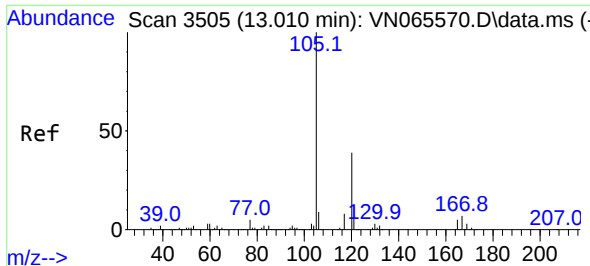
Tgt Ion: 91 Resp: 96714
Ion Ratio Lower Upper
91 100
120 21.3 11.8 35.3



#80
1,3,5-Trimethylbenzene
Concen: 11.64 ug/l
RT: 12.704 min Scan# 3410
Delta R.T. 0.000 min
Lab File: VN065636.D
Acq: 27 Jan 2021 17:50

Tgt Ion:105 Resp: 125251
Ion Ratio Lower Upper
105 100
120 49.0 24.3 72.8

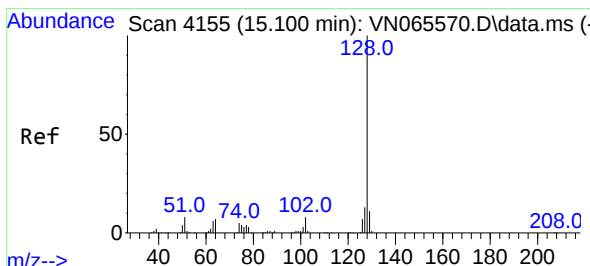
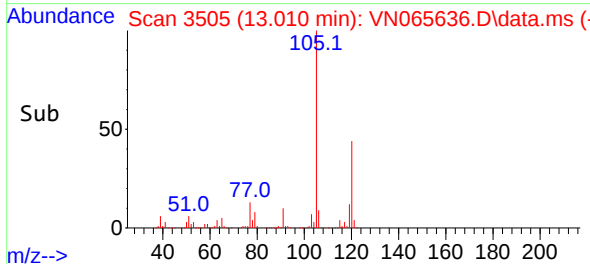
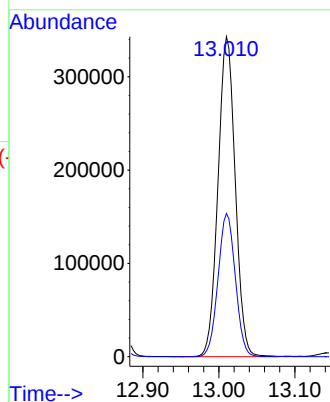
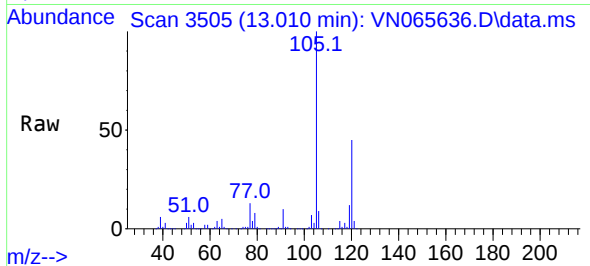




#84
1,2,4-Trimethylbenzene
Concen: 50.34 ug/l
RT: 13.010 min Scan# 3505
Delta R.T. -0.000 min
Lab File: VN065636.D
Acq: 27 Jan 2021 17:50

Instrument :
MSVOA_N
ClientSampleId :
TRE-1125

Tgt Ion:105 Resp: 540073
Ion Ratio Lower Upper
105 100
120 44.9 22.4 67.0



#95
Naphthalene
Concen: 29.19 ug/l
RT: 15.100 min Scan# 4155
Delta R.T. -0.000 min
Lab File: VN065636.D
Acq: 27 Jan 2021 17:50

Tgt Ion:128 Resp: 258507
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 10.9 8.6 13.0

