

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021821\
 Data File : VN065939.D
 Acq On : 18 Feb 2021 14:35
 Operator : JC/MD
 Sample : M1434-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SAND-SOIL-PILE

Quant Time: Feb 19 00:16:15 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)

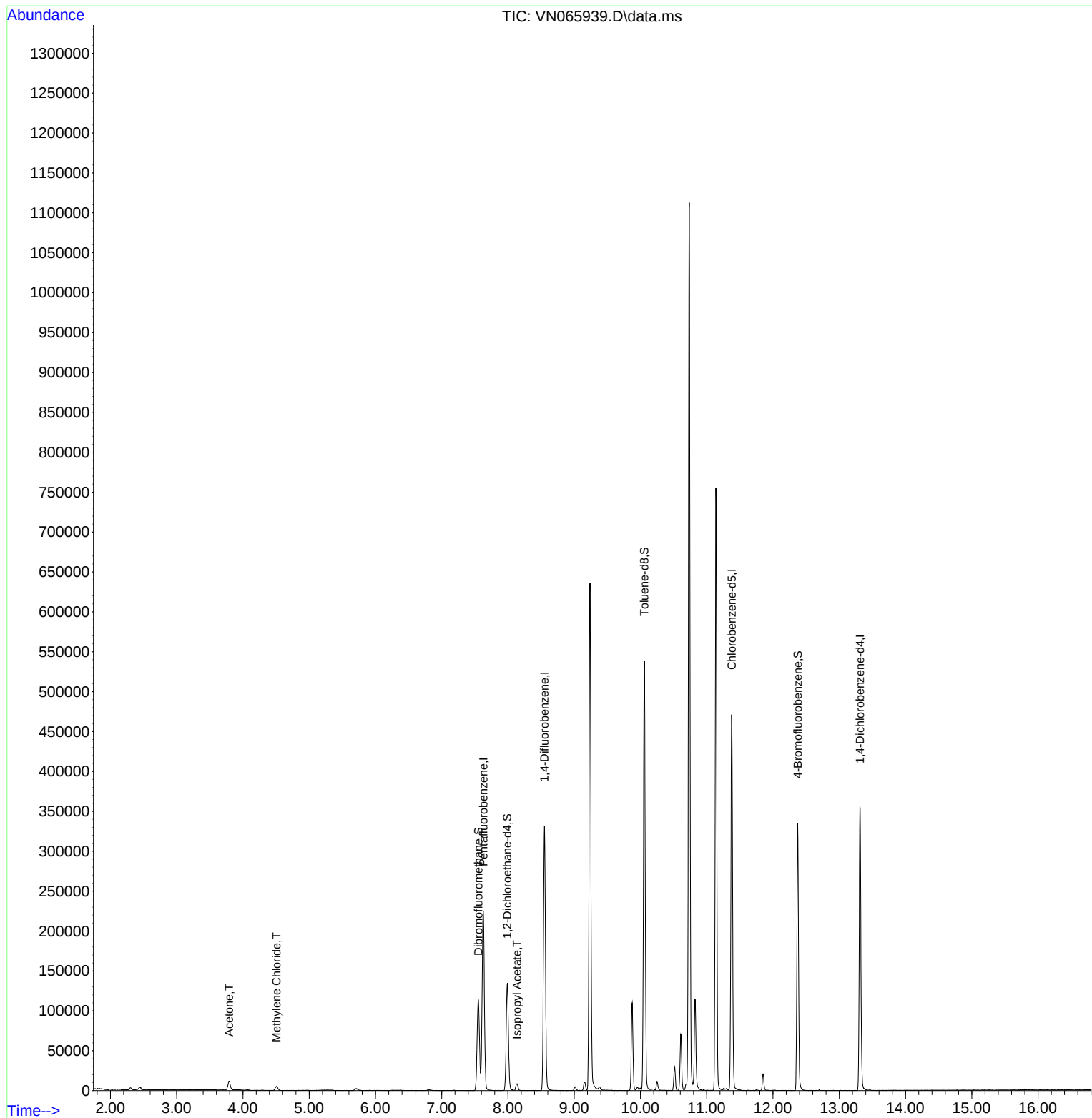
Internal Standards						
1) Pentafluorobenzene	7.627	168	180986	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	307573	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	285424	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	103971	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	120514	47.62	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.24%
35) Dibromofluoromethane	7.553	113	91725	48.19	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.38%
50) Toluene-d8	10.058	98	385556	49.34	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.68%
62) 4-Bromofluorobenzene	12.373	95	128963	43.96	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	87.92%
Target Compounds						
16) Acetone	3.788	43	18931	22.35	ug/l	95
20) Methylene Chloride	4.505	84	4234	1.80	ug/l	93
43) Isopropyl Acetate	8.135	43	10694	2.45	ug/l #	92

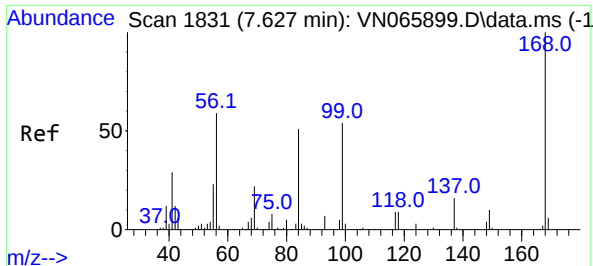
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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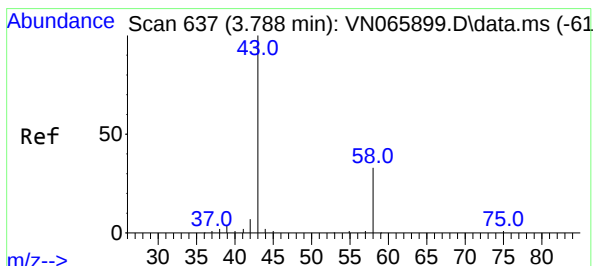
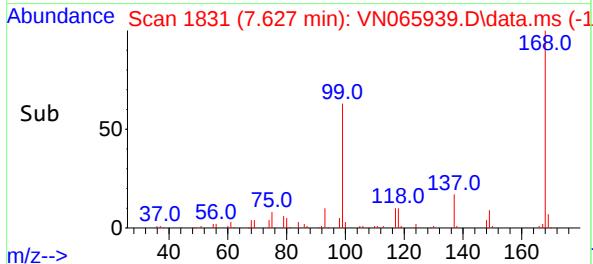
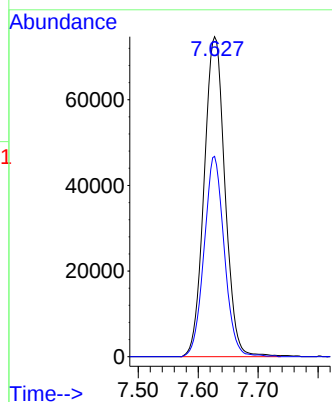
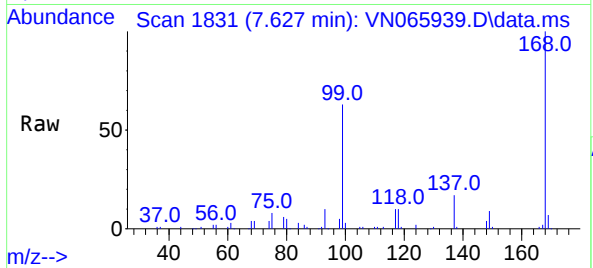




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065939.D
Acq: 18 Feb 2021 14:35

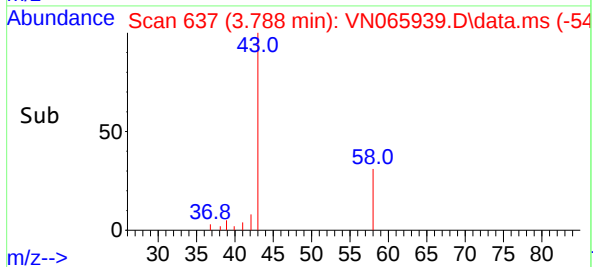
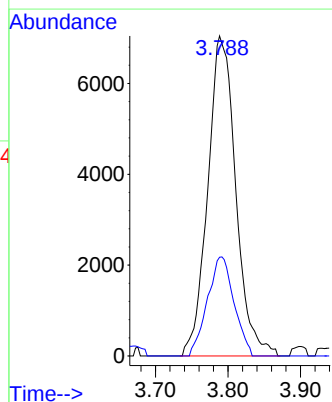
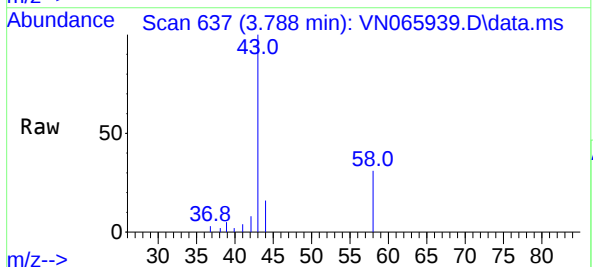
Instrument :
MSVOA_N
ClientSampleId :
SAND-SOIL-PILE

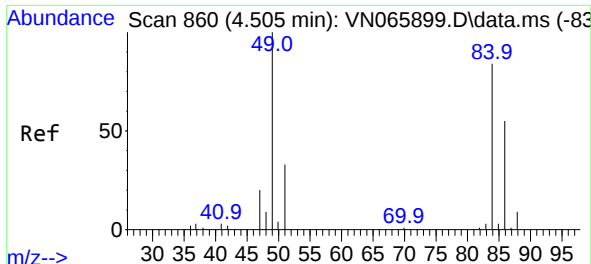
Tgt Ion:168 Resp: 180986
Ion Ratio Lower Upper
168 100
99 62.6 42.6 63.8



#16
Acetone
Concen: 22.35 ug/l
RT: 3.788 min Scan# 637
Delta R.T. 0.000 min
Lab File: VN065939.D
Acq: 18 Feb 2021 14:35

Tgt Ion: 43 Resp: 18931
Ion Ratio Lower Upper
43 100
58 30.9 27.0 40.6



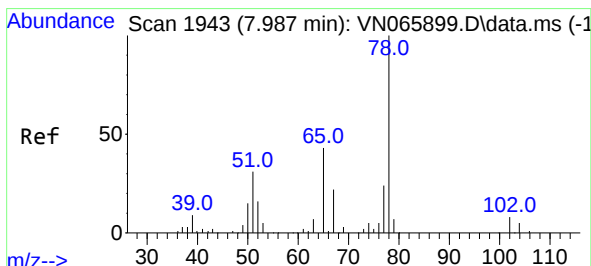
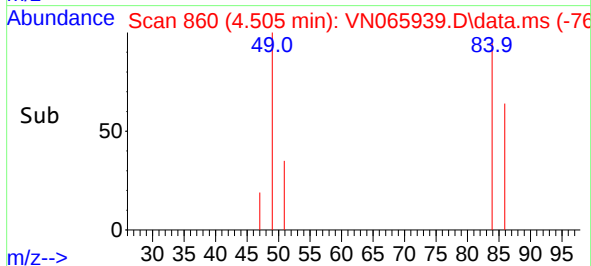
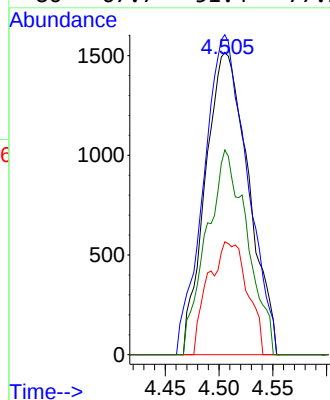
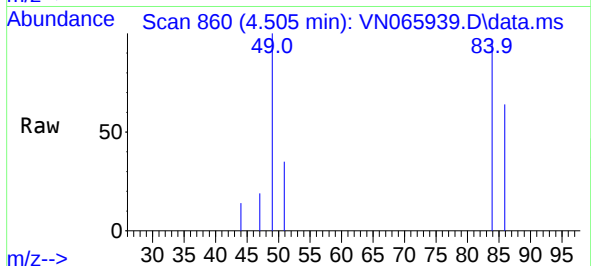


#20
Methylene Chloride
Concen: 1.80 ug/l
RT: 4.505 min Scan# 860
Delta R.T. 0.000 min
Lab File: VN065939.D
Acq: 18 Feb 2021 14:35

Instrument :
MSVOA_N
ClientSampleId :
SAND-SOIL-PILE

Tgt Ion: 84 Resp: 4234

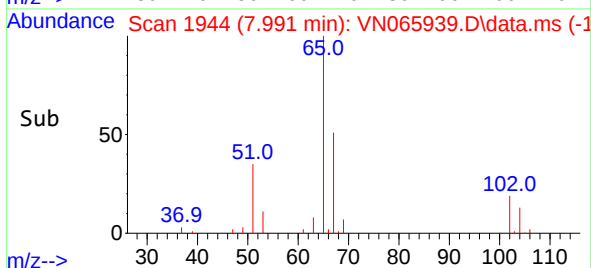
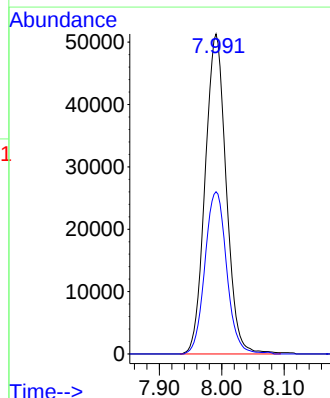
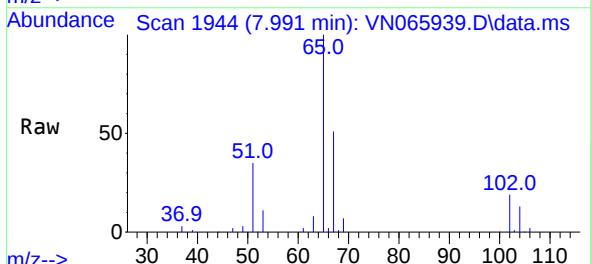
Ion	Ratio	Lower	Upper
84	100		
49	105.8	94.6	141.8
51	37.4	29.9	44.9
86	67.7	51.4	77.2

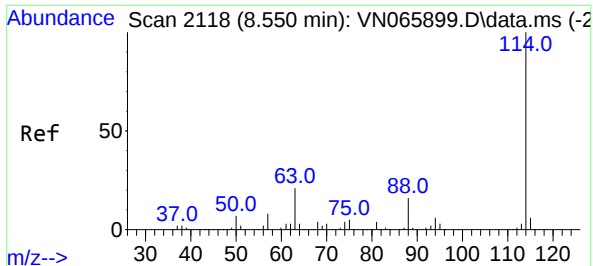


#33
1,2-Dichloroethane-d4
Concen: 47.62 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. 0.004 min
Lab File: VN065939.D
Acq: 18 Feb 2021 14:35

Tgt Ion: 65 Resp: 120514

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	107.2



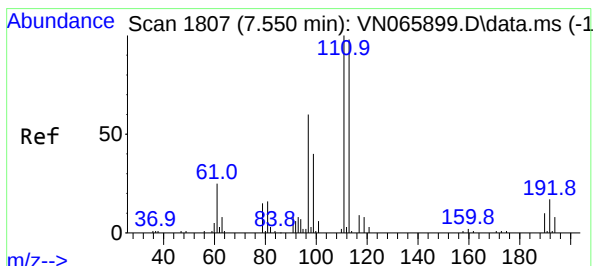
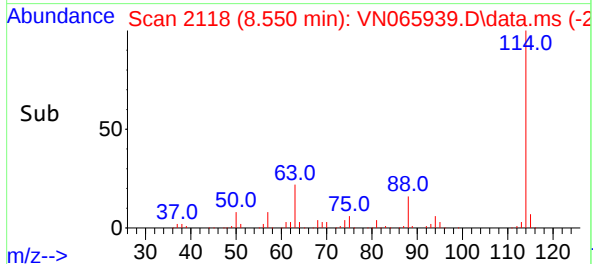
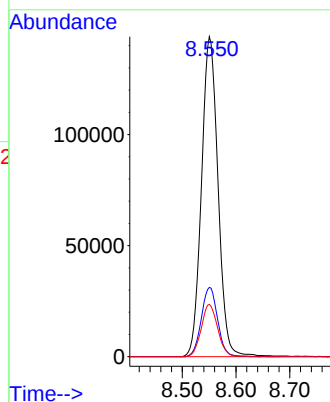
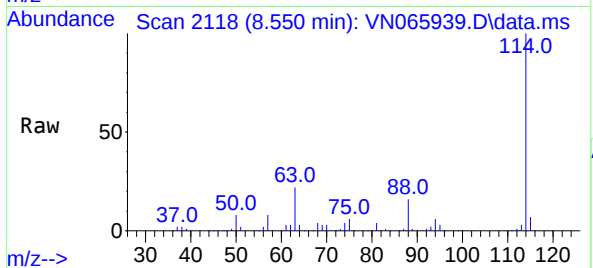


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065939.D
Acq: 18 Feb 2021 14:35

Instrument :
MSVOA_N
ClientSampleId :
SAND-SOIL-PILE

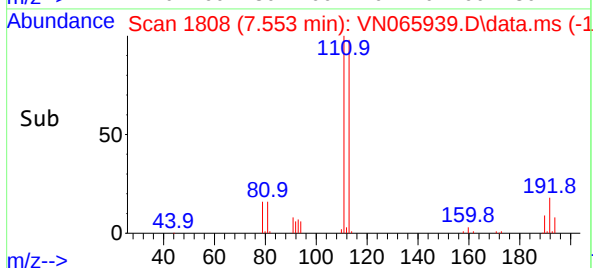
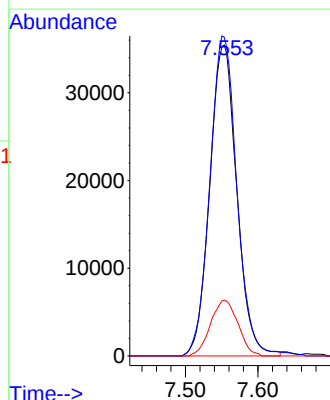
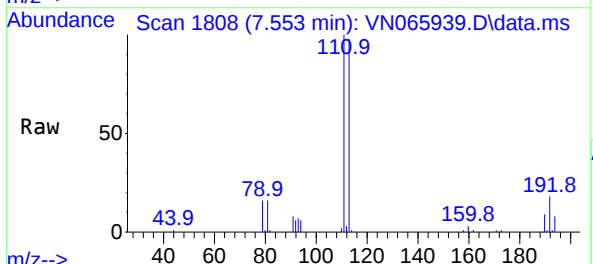
Tgt Ion:114 Resp: 307573
Ion Ratio Lower Upper
114 100
63 21.7 0.0 38.6
88 16.3 0.0 30.6

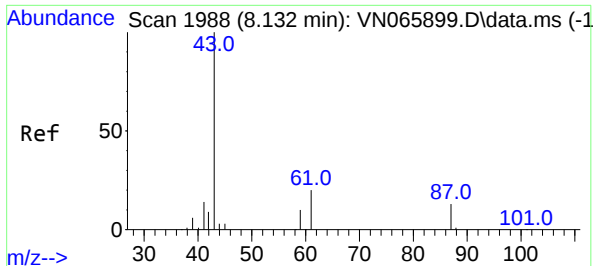


#35

Dibromofluoromethane
Concen: 48.19 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065939.D
Acq: 18 Feb 2021 14:35

Tgt Ion:113 Resp: 91725
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.2
192 18.2 15.4 23.0

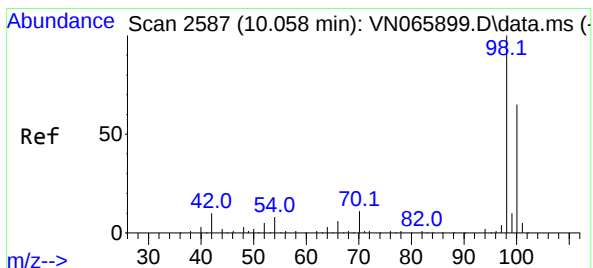
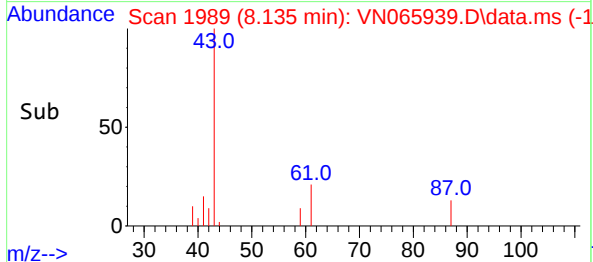
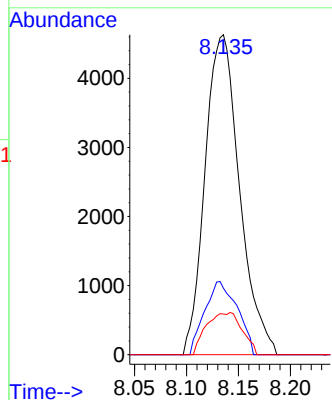
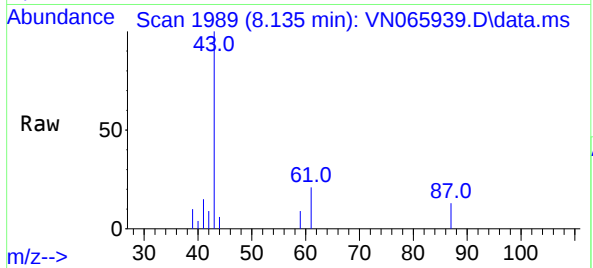




#43
Isopropyl Acetate
Concen: 2.45 ug/l
RT: 8.135 min Scan# 1989
Delta R.T. 0.003 min
Lab File: VN065939.D
Acq: 18 Feb 2021 14:35

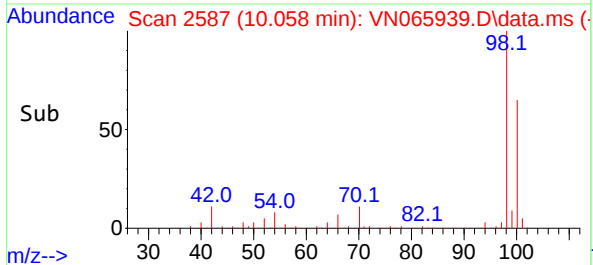
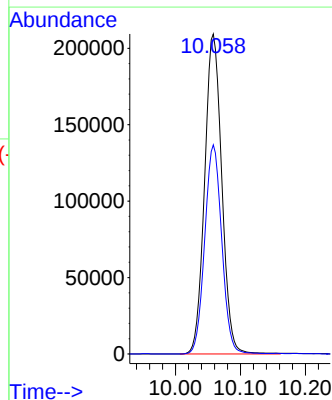
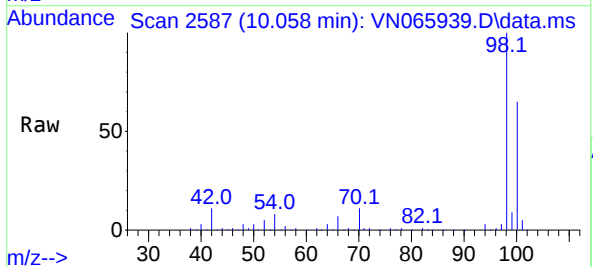
Instrument :
MSVOA_N
ClientSampleId :
SAND-SOIL-PILE

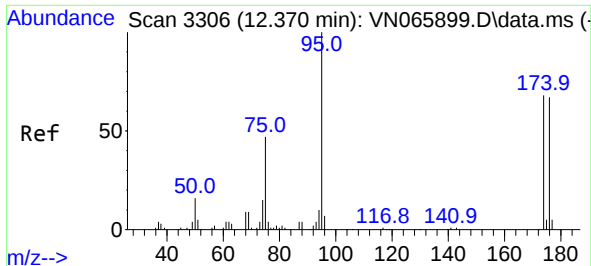
Tgt Ion: 43 Resp: 10694
Ion Ratio Lower Upper
43 100
61 21.6 22.5 33.7#
87 13.7 11.1 16.7



#50
Toluene-d8
Concen: 49.34 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065939.D
Acq: 18 Feb 2021 14:35

Tgt Ion: 98 Resp: 385556
Ion Ratio Lower Upper
98 100
100 64.8 50.5 75.7

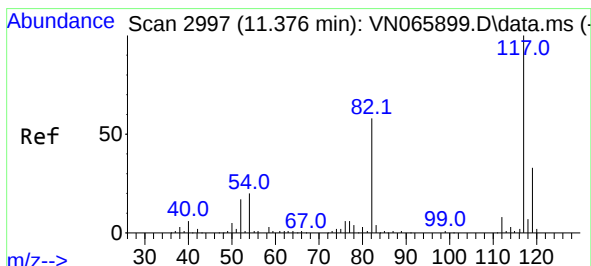
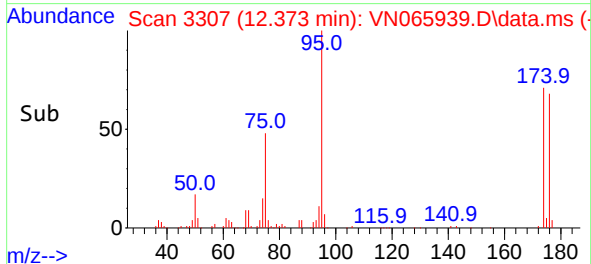
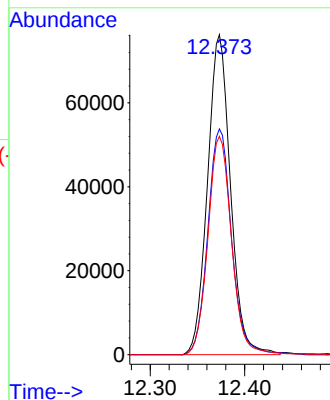
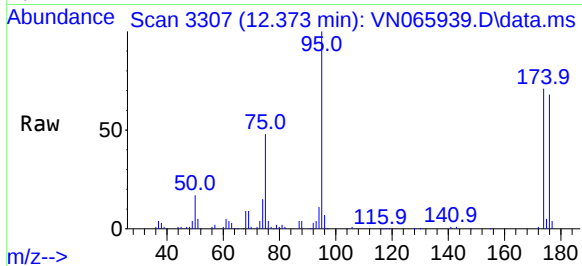




#62
4-Bromofluorobenzene
Concen: 43.96 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN065939.D
Acq: 18 Feb 2021 14:35

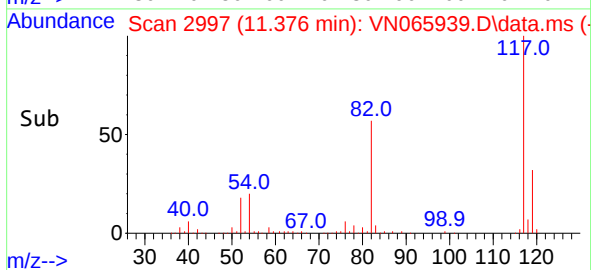
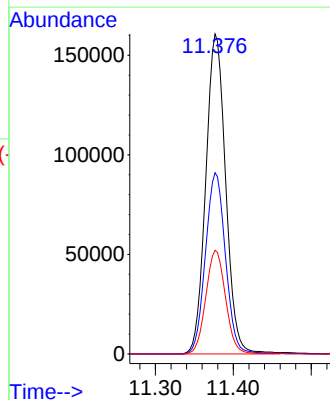
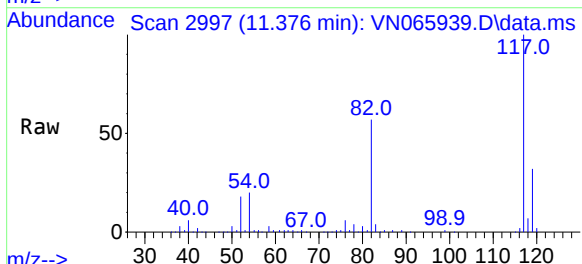
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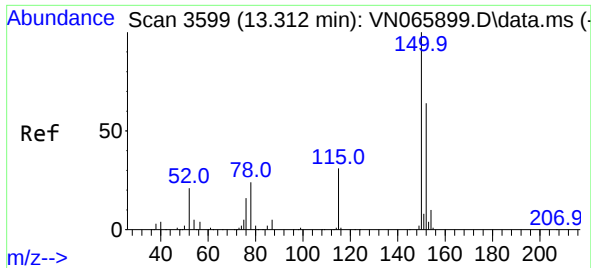
Tgt Ion: 95 Resp: 128963
Ion Ratio Lower Upper
95 100
174 73.0 0.0 169.0
176 69.9 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065939.D
Acq: 18 Feb 2021 14:35

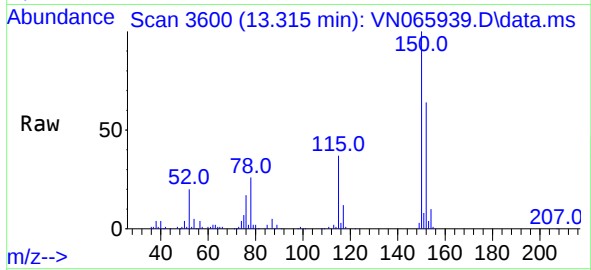
Tgt Ion:117 Resp: 285424
Ion Ratio Lower Upper
117 100
82 56.7 43.7 65.5
119 32.4 26.1 39.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065939.D
Acq: 18 Feb 2021 14:35

Instrument :
MSVOA_N
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SAND-SOIL-PILE



Tgt Ion:152 Resp: 103971
Ion Ratio Lower Upper
152 100
115 60.5 28.5 85.6
150 156.9 0.0 347.6

