

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021121\
 Data File : VN065814.D
 Acq On : 11 Feb 2021 14:48
 Operator : JC/MD
 Sample : M1363-04
 Misc : 2.69g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VCP-SS-10-SOIL

Quant Time: Feb 11 15:10:14 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)

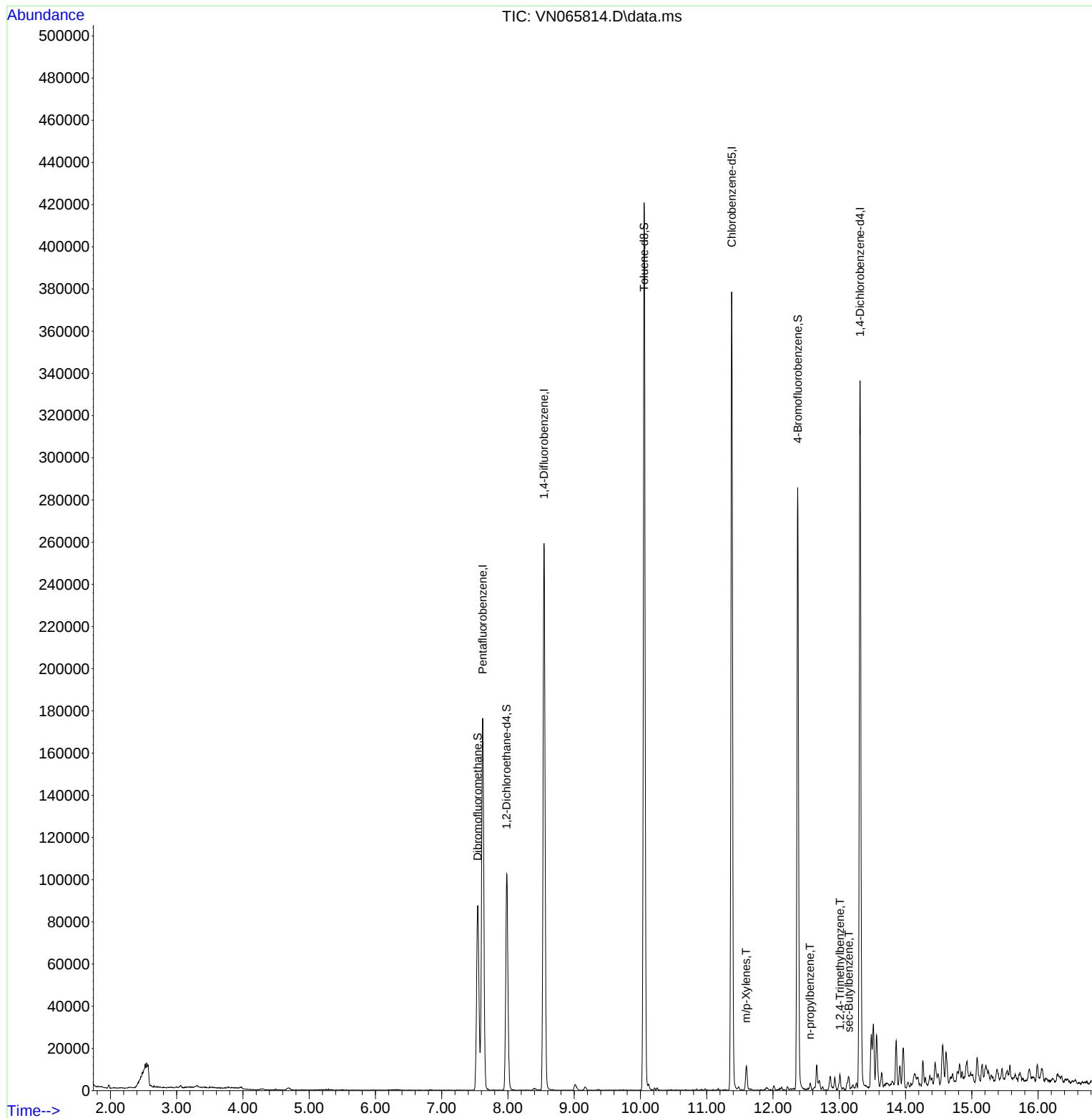
Internal Standards						
1) Pentafluorobenzene	7.618	168	155184	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.544	114	250681	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	238071	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	100311	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.981	65	85377	41.82	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	83.64%
35) Dibromofluoromethane	7.544	113	71747	48.30	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.60%
50) Toluene-d8	10.055	98	312417	53.50	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	107.00%
62) 4-Bromofluorobenzene	12.373	95	111702	53.12	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	106.24%
Target Compounds						
					Qvalue	
68) m/p-Xylenes	11.595	106	3603	1.06	ug/l	90
78) n-propylbenzene	12.560	91	3366	0.33	ug/l	98
84) 1,2,4-Trimethylbenzene	13.010	105	4975	0.67	ug/l	96
85) sec-Butylbenzene	13.145	105	5028	0.60	ug/l	89

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

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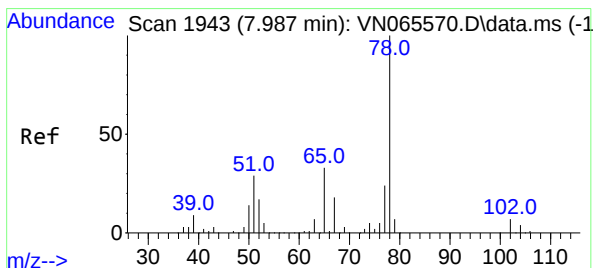
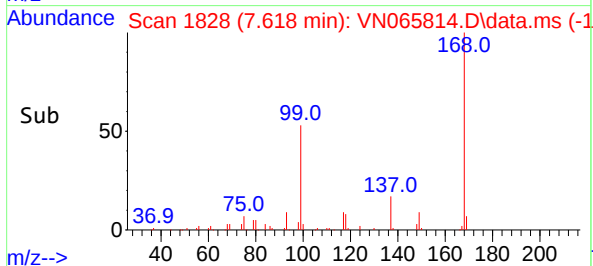
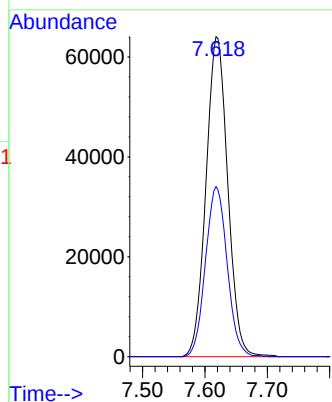
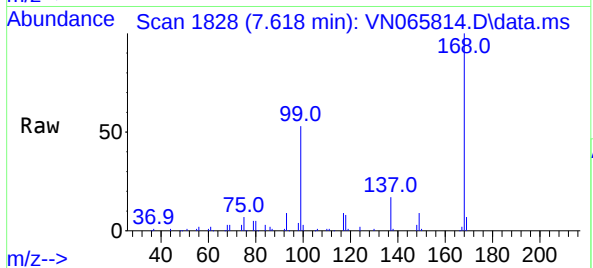




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.618 min Scan# 1828
Delta R.T. -0.006 min
Lab File: VN065814.D
Acq: 11 Feb 2021 14:48

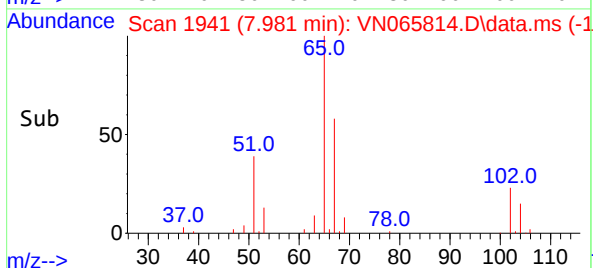
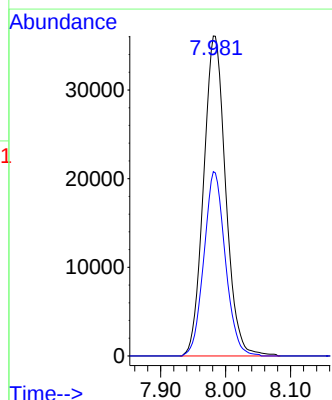
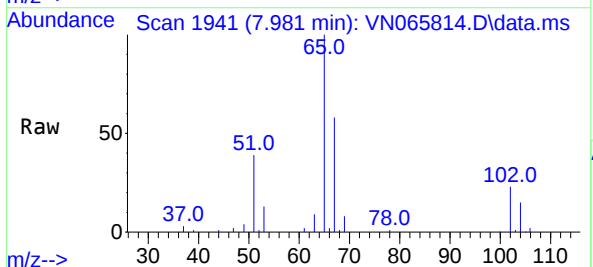
Instrument :
MSVOA_N
ClientSampleId :
VCP-SS-10-SOIL

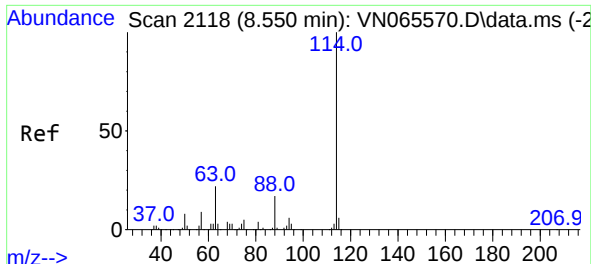
Tgt Ion:168 Resp: 155184
Ion Ratio Lower Upper
168 100
99 53.2 42.6 63.8



#33
1,2-Dichloroethane-d4
Concen: 41.82 ug/l
RT: 7.981 min Scan# 1941
Delta R.T. -0.006 min
Lab File: VN065814.D
Acq: 11 Feb 2021 14:48

Tgt Ion: 65 Resp: 85377
Ion Ratio Lower Upper
65 100
67 55.8 0.0 107.2



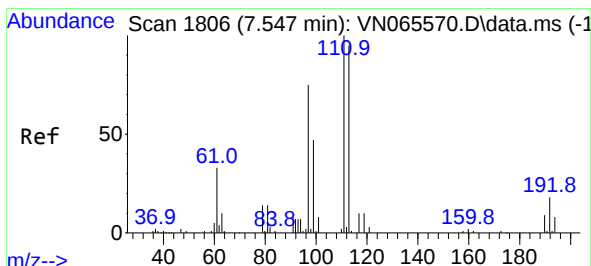
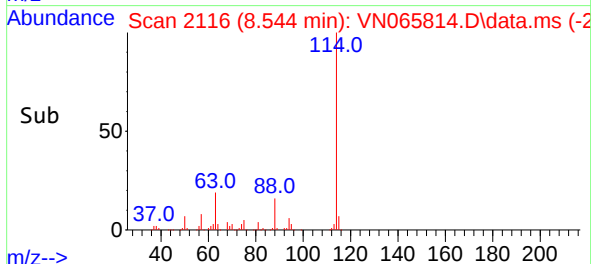
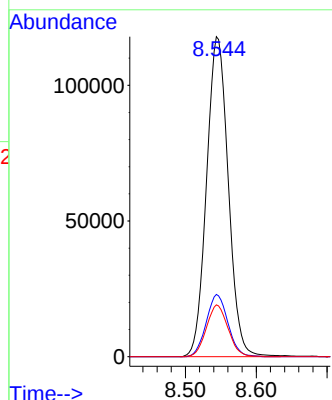
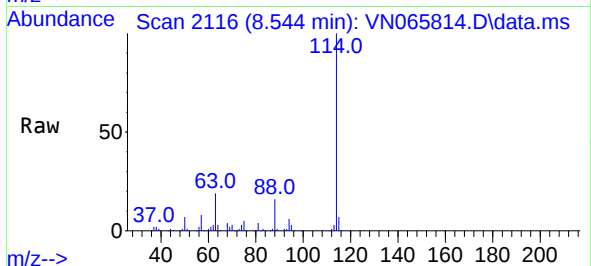


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.544 min Scan# 2116
Delta R.T. -0.006 min
Lab File: VN065814.D
Acq: 11 Feb 2021 14:48

Instrument :
MSVOA_N
ClientSampleId :
VCP-SS-10-SOIL

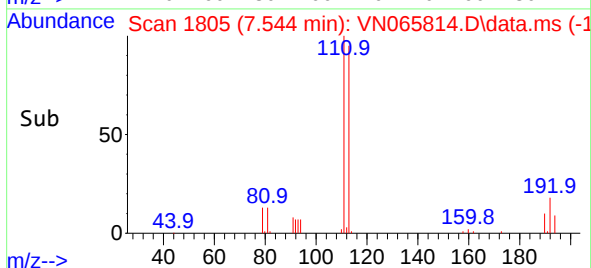
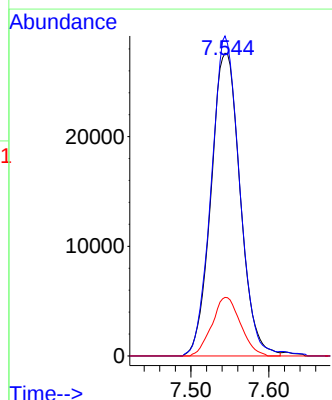
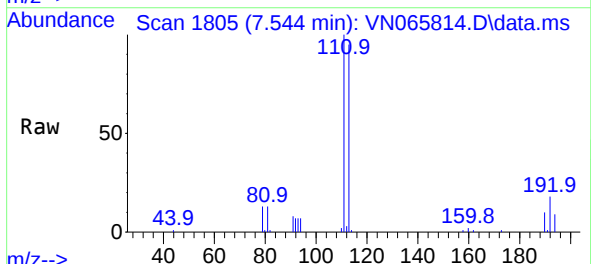
Tgt Ion:114 Resp: 250681
Ion Ratio Lower Upper
114 100
63 19.5 0.0 38.6
88 16.2 0.0 30.6

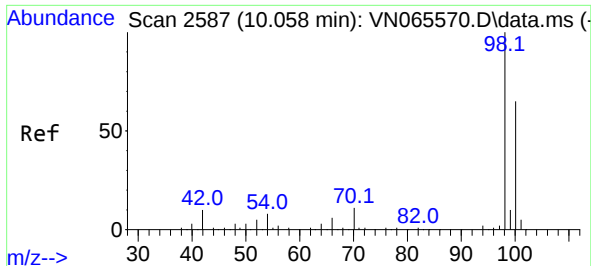


#35

Dibromofluoromethane
Concen: 48.30 ug/l
RT: 7.544 min Scan# 1805
Delta R.T. -0.003 min
Lab File: VN065814.D
Acq: 11 Feb 2021 14:48

Tgt Ion:113 Resp: 71747
Ion Ratio Lower Upper
113 100
111 102.1 82.2 123.2
192 19.0 15.4 23.0

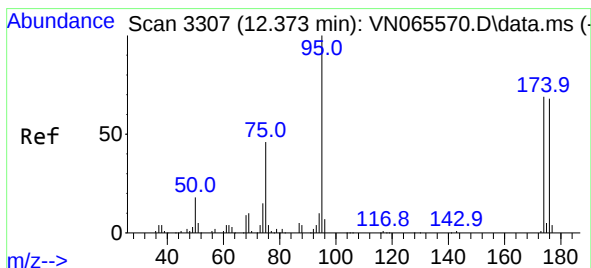
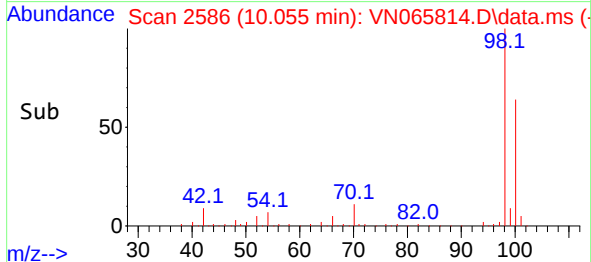
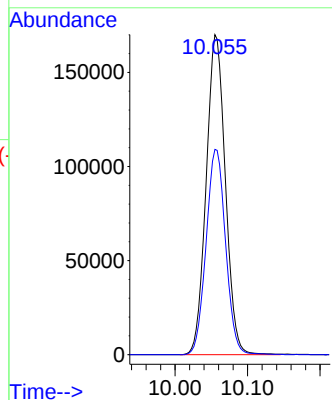
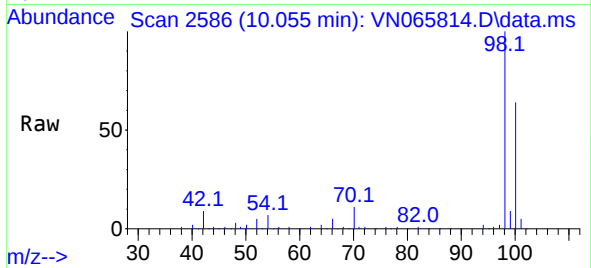




#50
Toluene-d8
Concen: 53.50 ug/l
RT: 10.055 min Scan# 2586
Delta R.T. -0.003 min
Lab File: VN065814.D
Acq: 11 Feb 2021 14:48

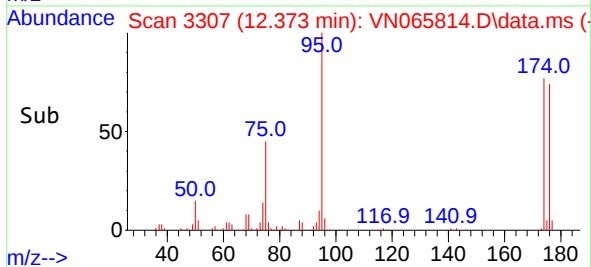
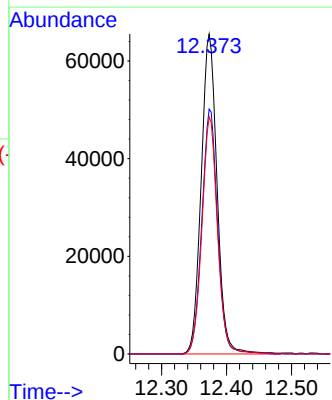
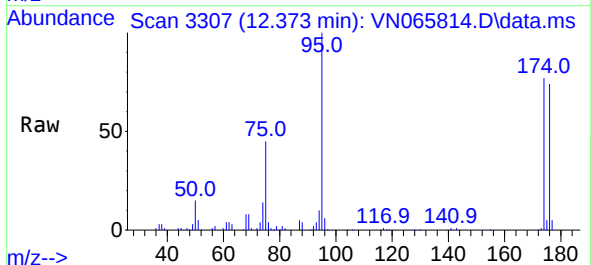
Instrument :
MSVOA_N
ClientSampleId :
VCP-SS-10-SOIL

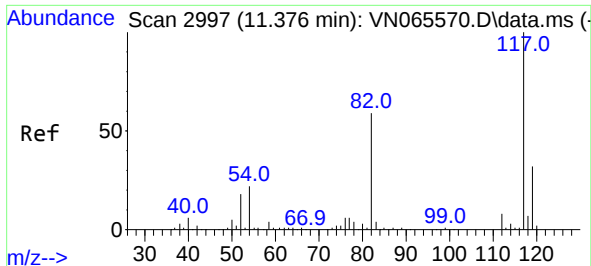
Tgt Ion: 98 Resp: 312417
Ion Ratio Lower Upper
98 100
100 65.2 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 53.12 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065814.D
Acq: 11 Feb 2021 14:48

Tgt Ion: 95 Resp: 111702
Ion Ratio Lower Upper
95 100
174 76.1 0.0 169.0
176 72.5 0.0 162.4

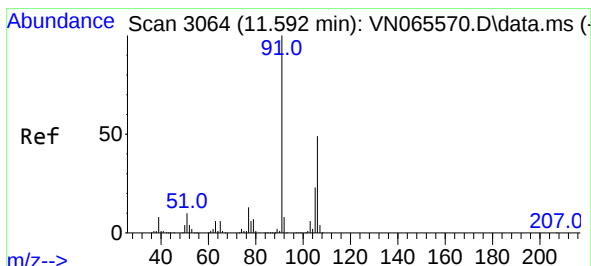
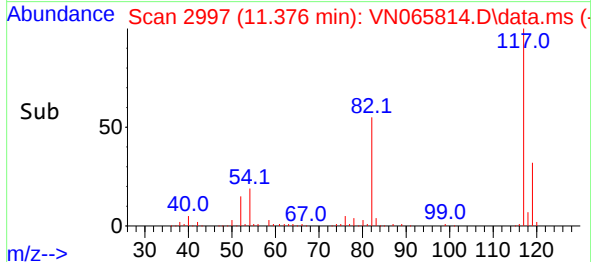
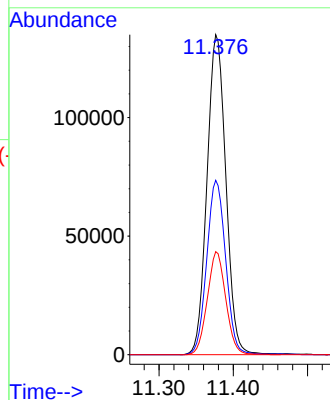
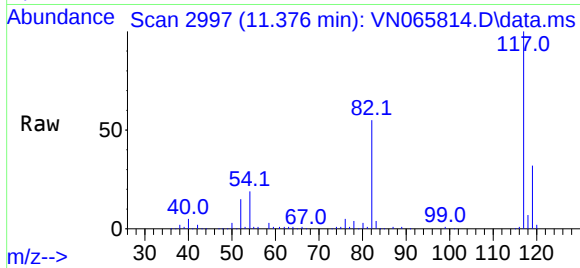




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065814.D
Acq: 11 Feb 2021 14:48

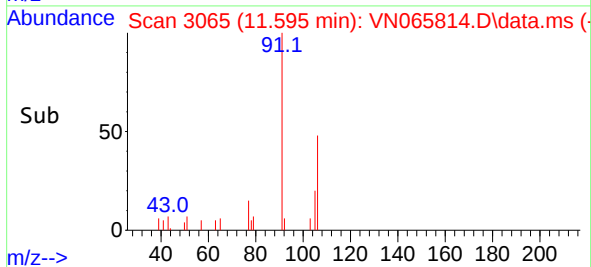
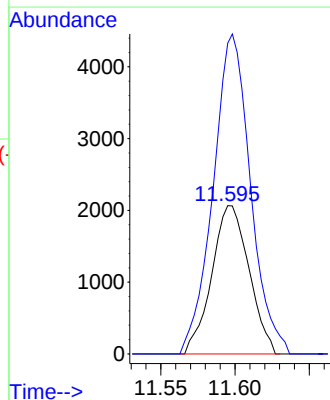
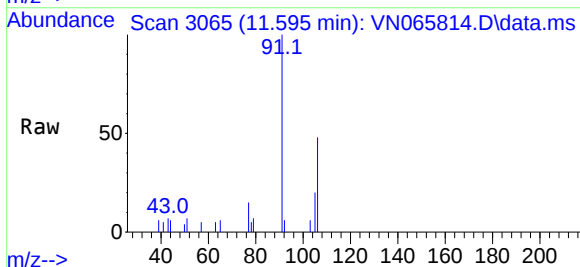
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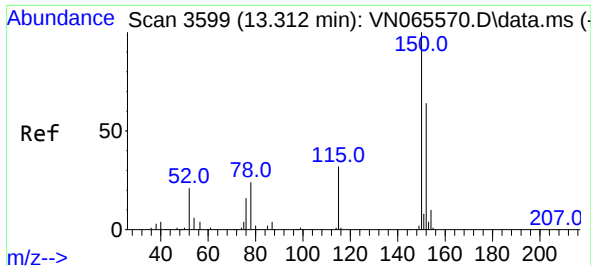
Tgt Ion:117 Resp: 238071
Ion Ratio Lower Upper
117 100
82 54.5 43.7 65.5
119 32.2 26.1 39.1



#68
m/p-Xylenes
Concen: 1.06 ug/l
RT: 11.595 min Scan# 3065
Delta R.T. 0.003 min
Lab File: VN065814.D
Acq: 11 Feb 2021 14:48

Tgt Ion:106 Resp: 3603
Ion Ratio Lower Upper
106 100
91 216.3 161.4 242.0

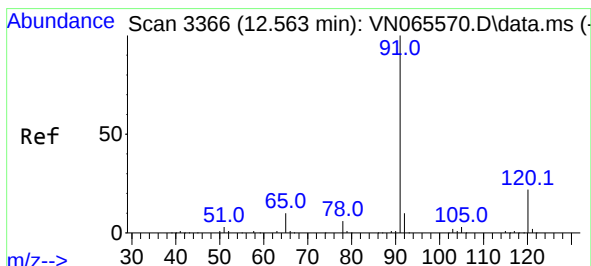
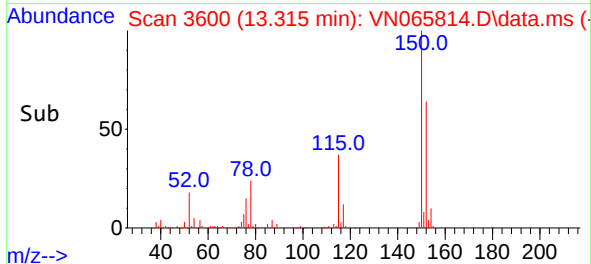
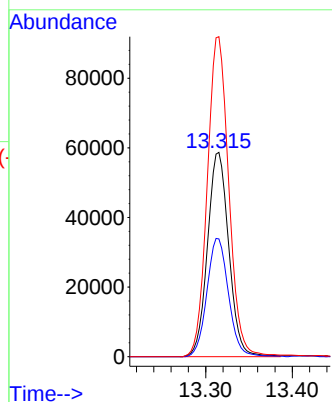
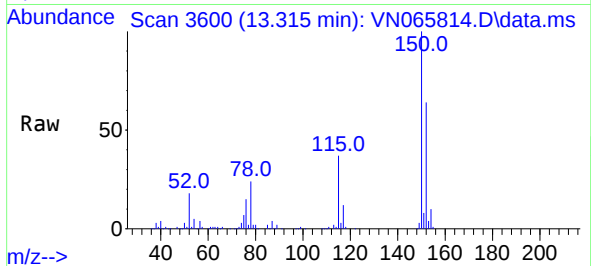




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065814.D
Acq: 11 Feb 2021 14:48

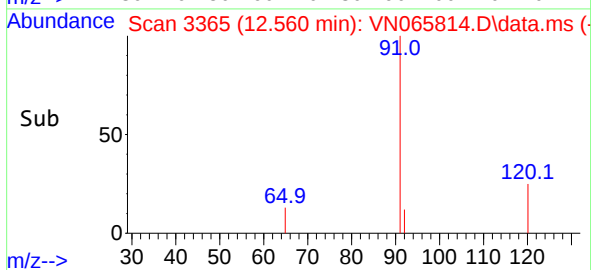
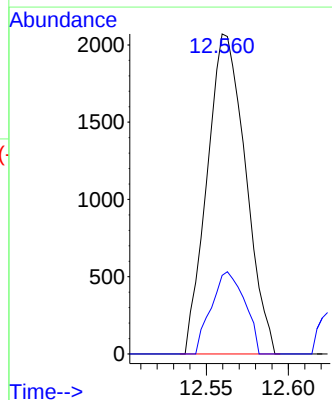
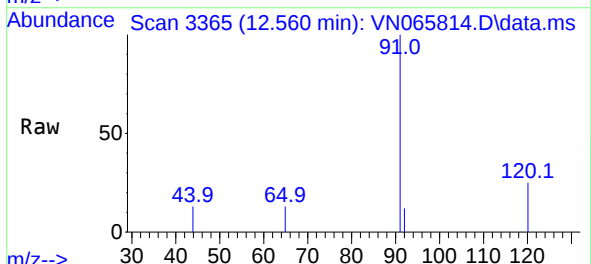
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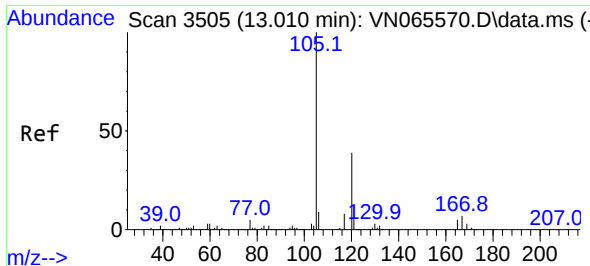
Tgt Ion:152 Resp: 100311
Ion Ratio Lower Upper
152 100
115 58.7 28.5 85.6
150 158.6 0.0 347.6



#78
n-propylbenzene
Concen: 0.33 ug/l
RT: 12.560 min Scan# 3365
Delta R.T. -0.003 min
Lab File: VN065814.D
Acq: 11 Feb 2021 14:48

Tgt Ion: 91 Resp: 3366
Ion Ratio Lower Upper
91 100
120 22.3 11.8 35.3

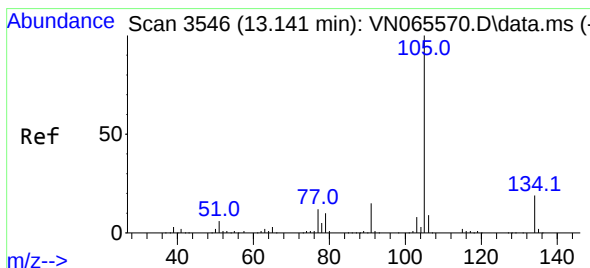
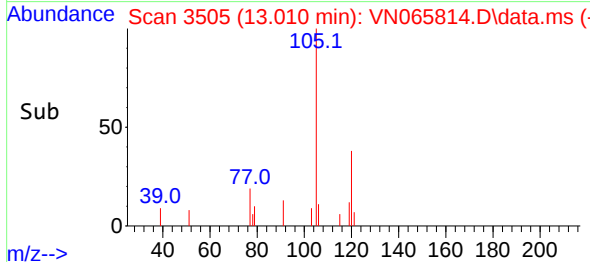
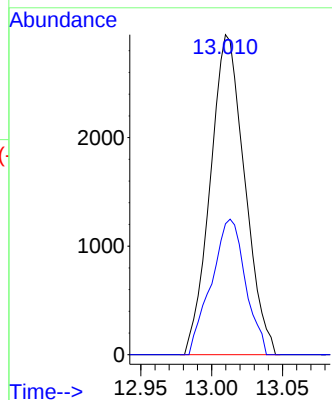
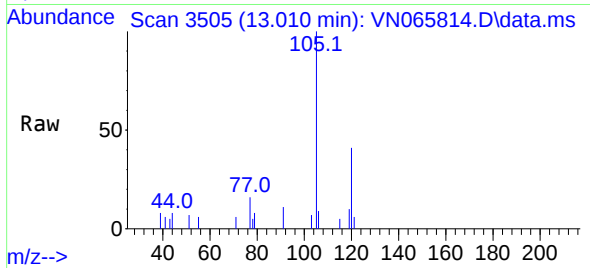




#84
1,2,4-Trimethylbenzene
Concen: 0.67 ug/l
RT: 13.010 min Scan# 3505
Delta R.T. -0.000 min
Lab File: VN065814.D
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Instrument :
MSVOA_N
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Tgt Ion:105 Resp: 4975
Ion Ratio Lower Upper
105 100
120 41.9 22.4 67.0



#85
sec-Butylbenzene
Concen: 0.60 ug/l
RT: 13.145 min Scan# 3547
Delta R.T. 0.004 min
Lab File: VN065814.D
Acq: 11 Feb 2021 14:48

Tgt Ion:105 Resp: 5028
Ion Ratio Lower Upper
105 100
134 24.8 10.0 30.0

