

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021121\
 Data File : VN065816.D
 Acq On : 11 Feb 2021 15:38
 Operator : JC/MD
 Sample : M1363-01ME
 Misc : 3.50g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VCP-SS-7-SOILME

Quant Time: Feb 11 16:44:02 2021
 Quant Title :
 QLast Update : Mon Jan 25 13:47:28 2021
 Response via : Initial Calibration

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

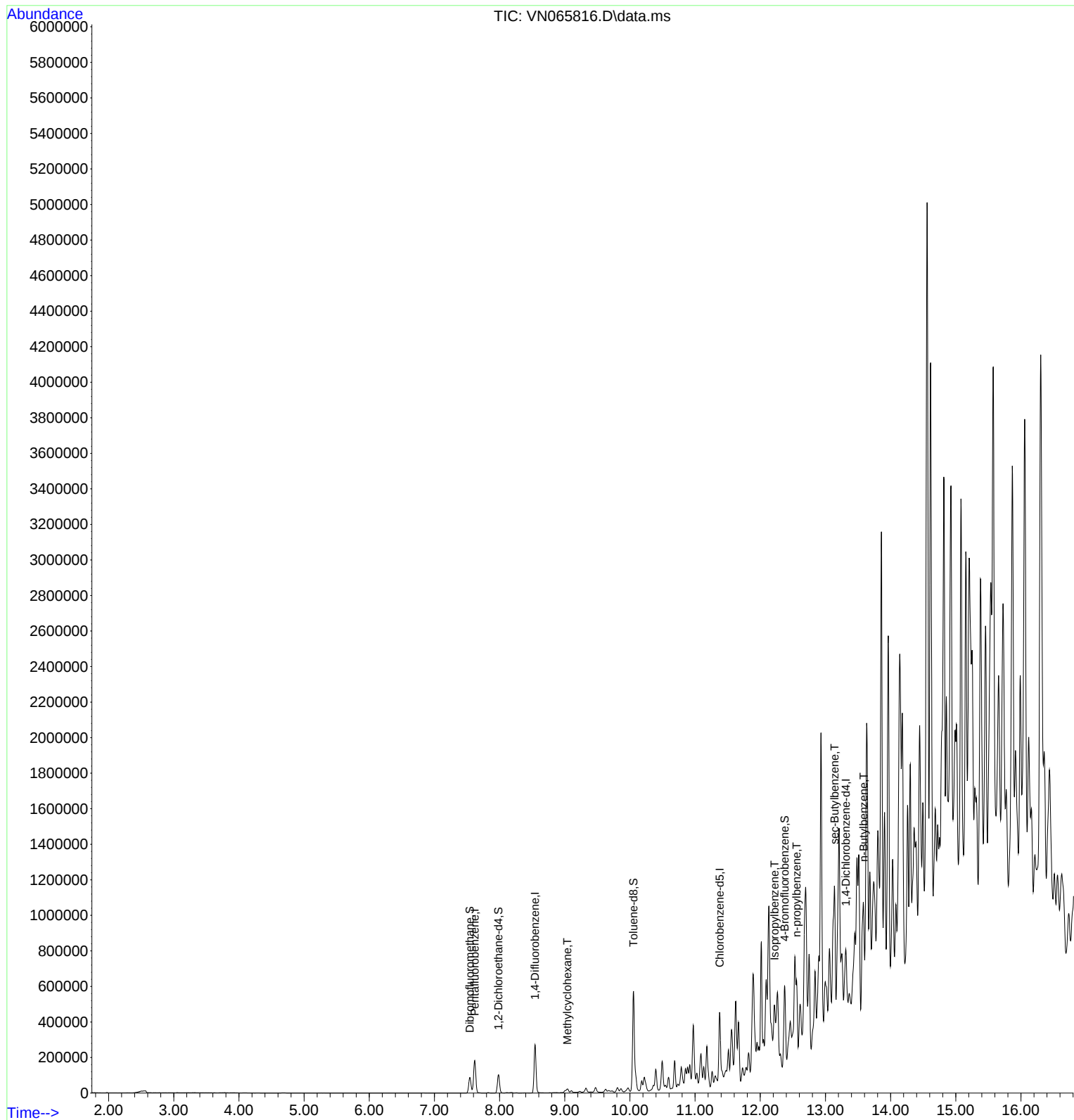
Internal Standards						
1) Pentafluorobenzene	7.618	168	160007	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.544	114	261550	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	249068	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	120707	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	86454	41.07	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 82.14%			
35) Dibromofluoromethane	7.544	113	72116	46.53	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 93.06%			
50) Toluene-d8	10.055	98	341032	55.98	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 111.96%			
62) 4-Bromofluorobenzene	12.373	95	127489	58.11	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 116.22%			
Target Compounds						
						Qvalue
39) Methylcyclohexane	9.039	83	8589	2.67	ug/l	92
73) Isopropylbenzene	12.219	105	136809	12.94	ug/l	98
78) n-propylbenzene	12.560	91	334604	26.87	ug/l	99
85) sec-Butylbenzene	13.142	105	369006	36.43	ug/l	91
89) n-Butylbenzene	13.585	91	286044	35.60	ug/l #	85

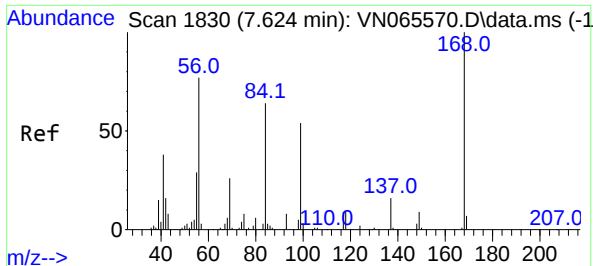
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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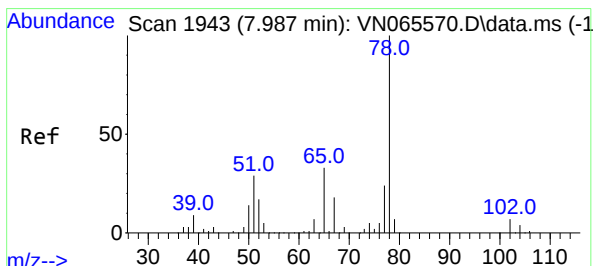
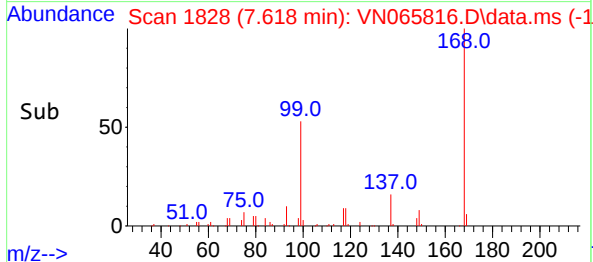
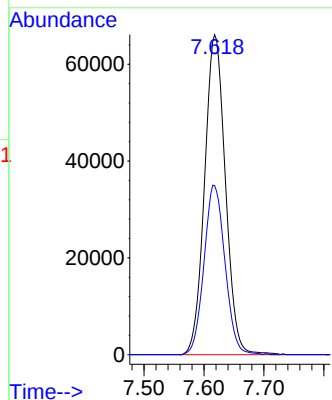
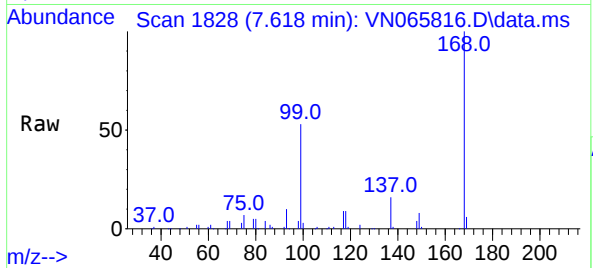




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.618 min Scan# 1828
Delta R.T. -0.006 min
Lab File: VN065816.D
Acq: 11 Feb 2021 15:38

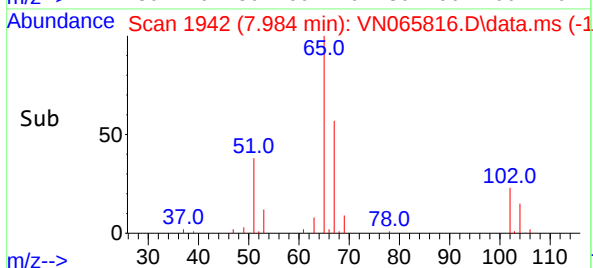
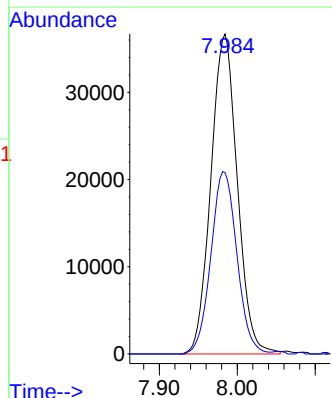
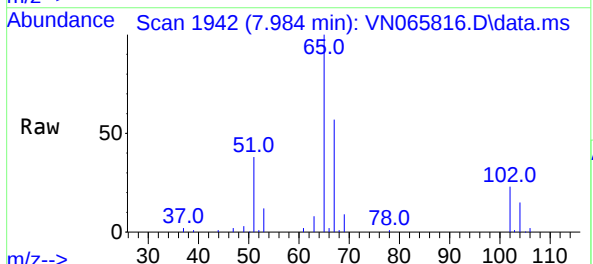
Instrument :
MSVOA_N
ClientSampleId :
VCP-SS-7-SOILME

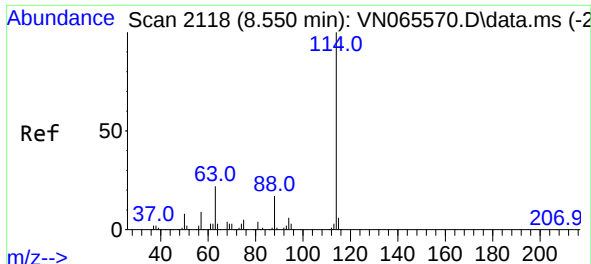
Tgt Ion:168 Resp: 160007
Ion Ratio Lower Upper
168 100
99 52.9 42.6 63.8



#33
1,2-Dichloroethane-d4
Concen: 41.07 ug/l
RT: 7.984 min Scan# 1942
Delta R.T. -0.003 min
Lab File: VN065816.D
Acq: 11 Feb 2021 15:38

Tgt Ion: 65 Resp: 86454
Ion Ratio Lower Upper
65 100
67 56.1 0.0 107.2





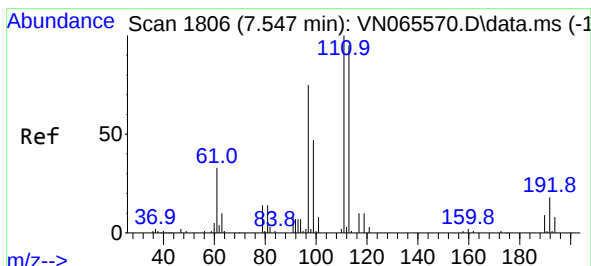
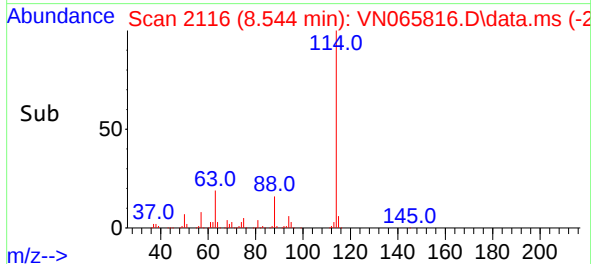
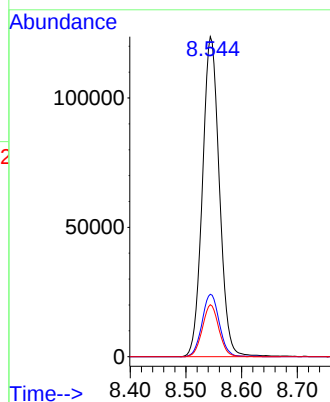
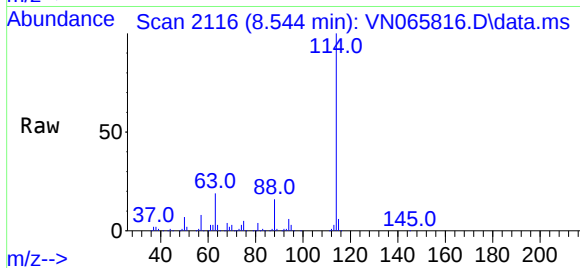
#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.544 min Scan# 2116
Delta R.T. -0.006 min
Lab File: VN065816.D
Acq: 11 Feb 2021 15:38

Instrument :
MSVOA_N
ClientSampleId :
VCP-SS-7-SOILME

Tgt Ion:114 Resp: 261550

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	38.6
88	16.2	0.0	30.6

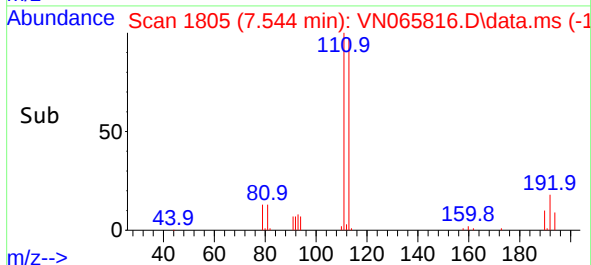
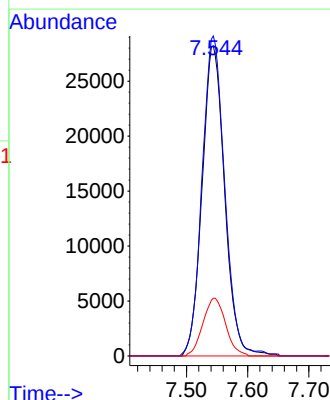
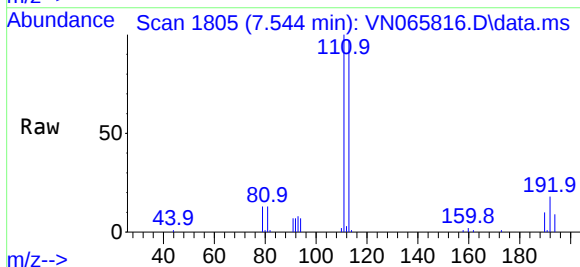


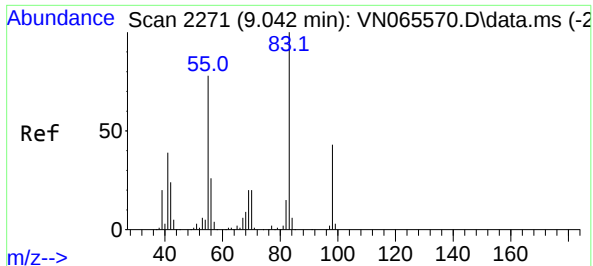
#35

Dibromofluoromethane
Concen: 46.53 ug/l
RT: 7.544 min Scan# 1805
Delta R.T. -0.003 min
Lab File: VN065816.D
Acq: 11 Feb 2021 15:38

Tgt Ion:113 Resp: 72116

Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.2	123.2
192	18.8	15.4	23.0





#39

Methylcyclohexane

Concen: 2.67 ug/l

RT: 9.039 min Scan# 2270

Delta R.T. -0.003 min

Lab File: VN065816.D

Acq: 11 Feb 2021 15:38

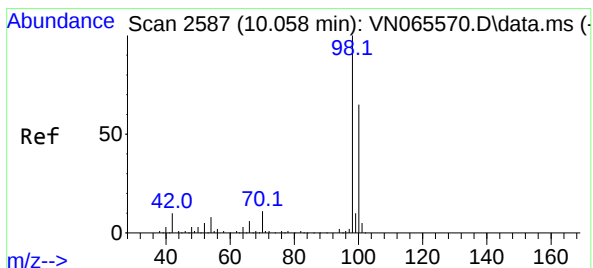
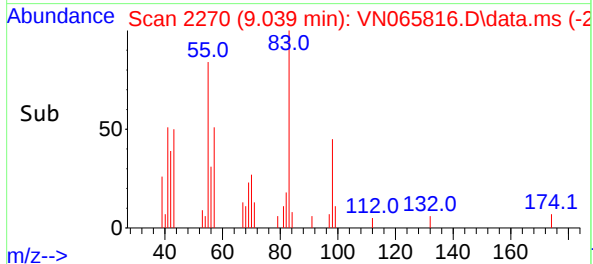
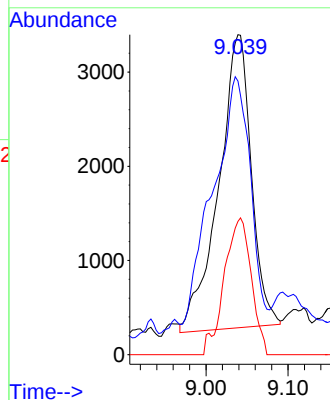
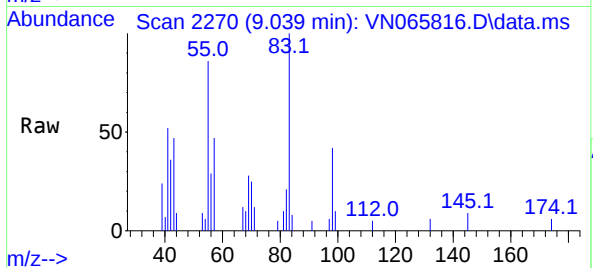
Tgt Ion: 83 Resp: 8589

Ion Ratio Lower Upper

83 100

55 84.1 58.9 88.3

98 46.0 35.9 53.9



#50

Toluene-d8

Concen: 55.98 ug/l

RT: 10.055 min Scan# 2586

Delta R.T. -0.003 min

Lab File: VN065816.D

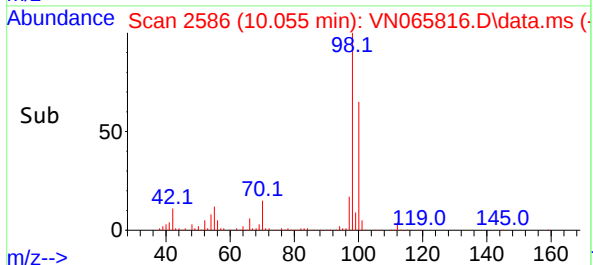
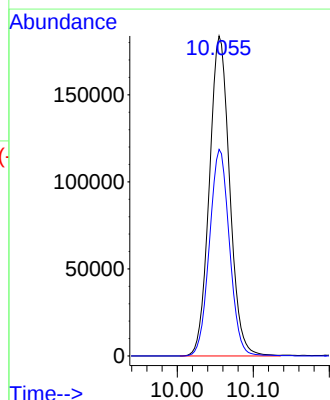
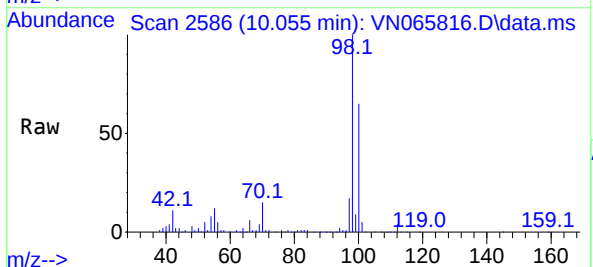
Acq: 11 Feb 2021 15:38

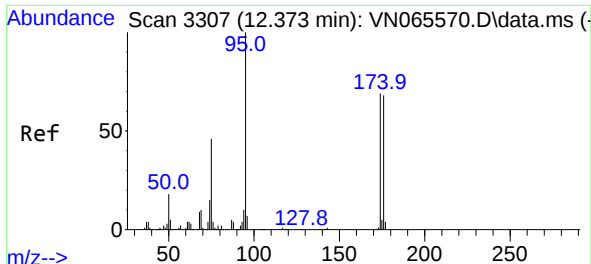
Tgt Ion: 98 Resp: 341032

Ion Ratio Lower Upper

98 100

100 63.5 50.5 75.7

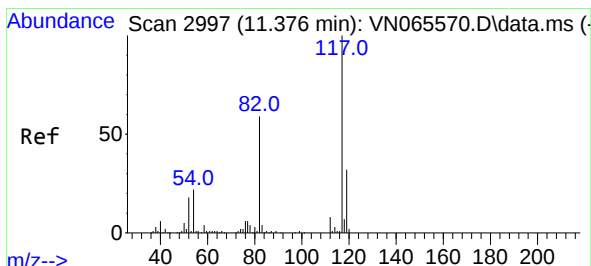
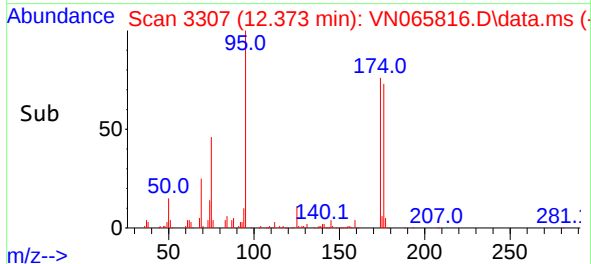
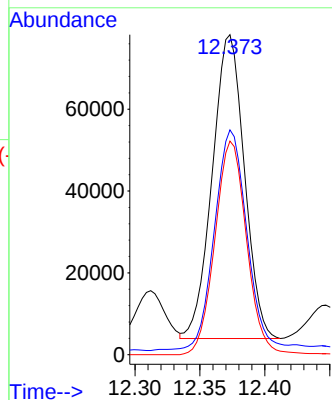
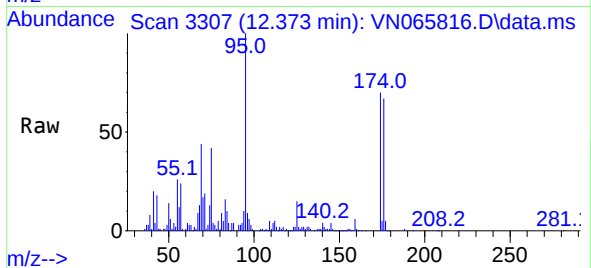




#62
4-Bromofluorobenzene
Concen: 58.11 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065816.D
Acq: 11 Feb 2021 15:38

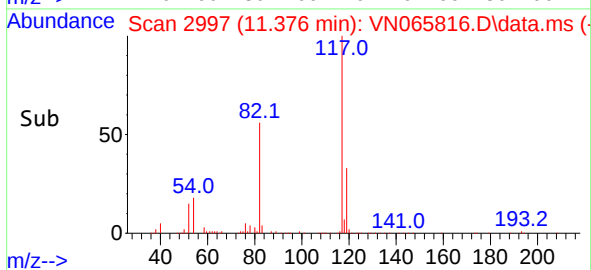
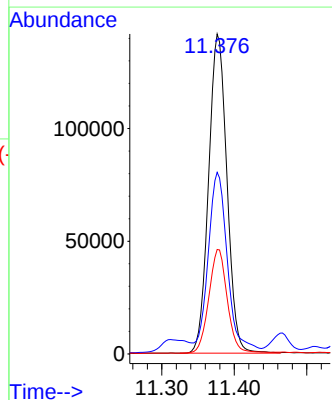
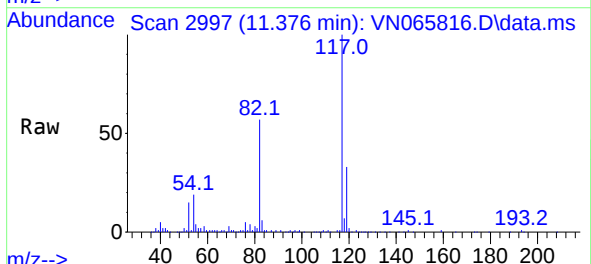
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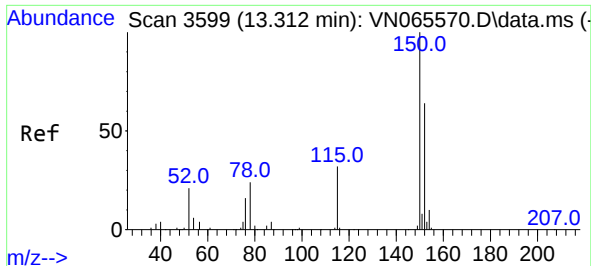
Tgt Ion: 95 Resp: 127489
Ion Ratio Lower Upper
95 100
174 73.5 0.0 169.0
176 69.6 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065816.D
Acq: 11 Feb 2021 15:38

Tgt Ion: 117 Resp: 249068
Ion Ratio Lower Upper
117 100
82 52.7 43.7 65.5
119 32.5 26.1 39.1

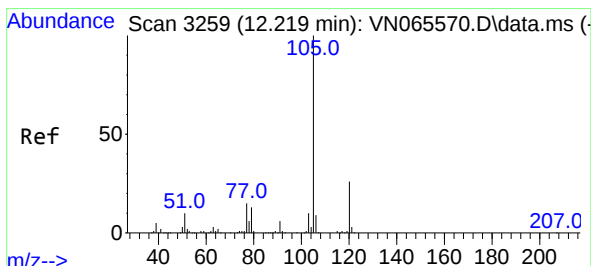
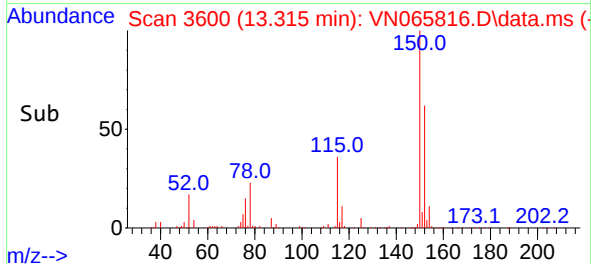
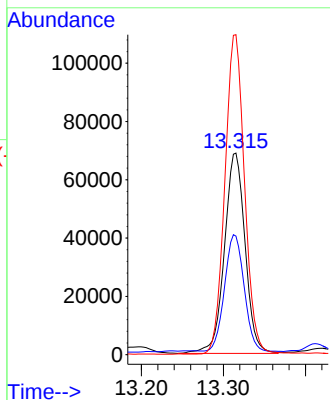
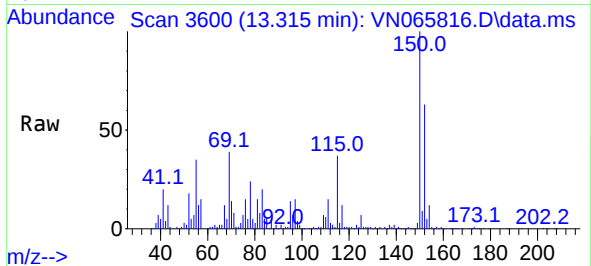




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065816.D
Acq: 11 Feb 2021 15:38

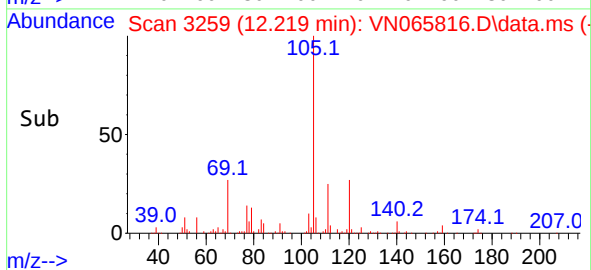
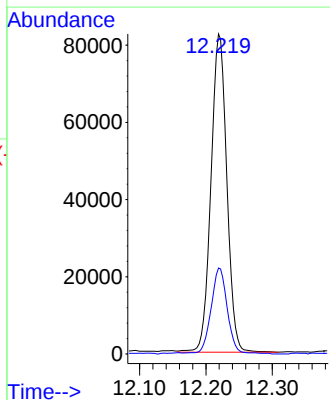
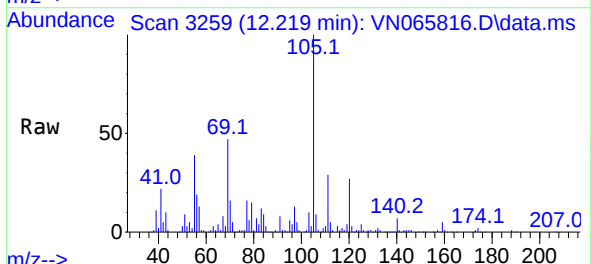
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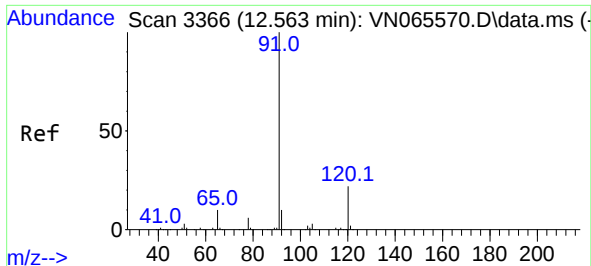
Tgt Ion:152 Resp: 120707
Ion Ratio Lower Upper
152 100
115 55.2 28.5 85.6
150 151.7 0.0 347.6



#73
Isopropylbenzene
Concen: 12.94 ug/l
RT: 12.219 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VN065816.D
Acq: 11 Feb 2021 15:38

Tgt Ion:105 Resp: 136809
Ion Ratio Lower Upper
105 100
120 27.7 13.3 39.9

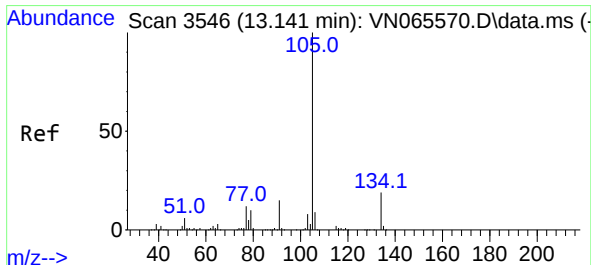
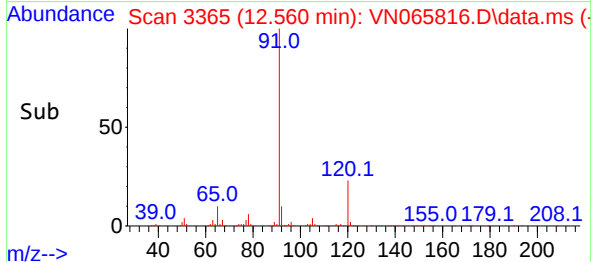
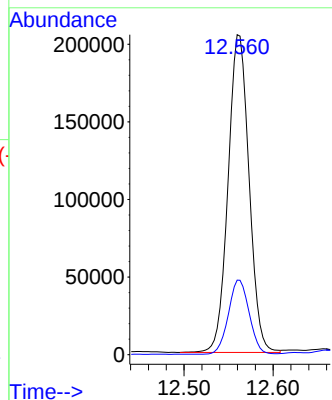
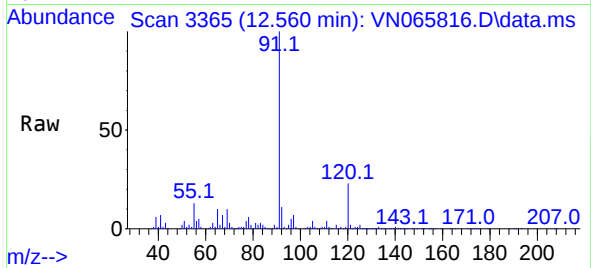




#78
n-propylbenzene
Concen: 26.87 ug/l
RT: 12.560 min Scan# 3365
Delta R.T. -0.003 min
Lab File: VN065816.D
Acq: 11 Feb 2021 15:38

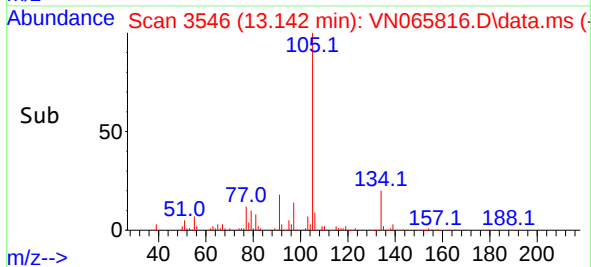
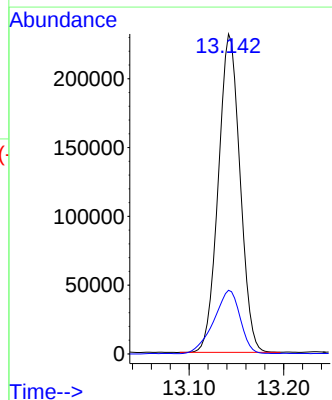
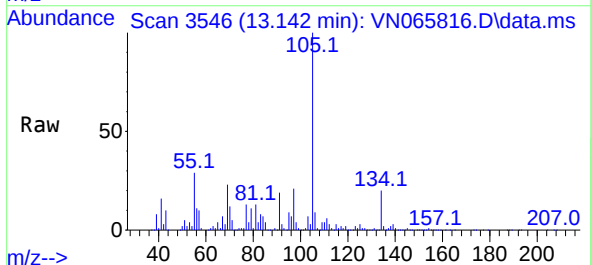
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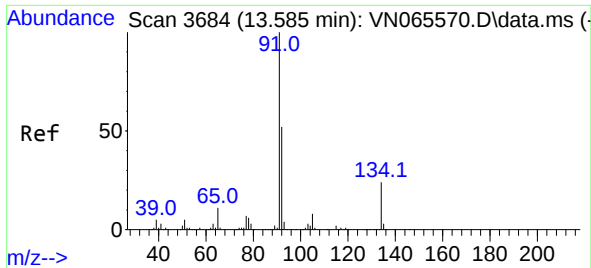
Tgt Ion: 91 Resp: 334604
Ion Ratio Lower Upper
91 100
120 23.1 11.8 35.3



#85
sec-Butylbenzene
Concen: 36.43 ug/l
RT: 13.142 min Scan# 3546
Delta R.T. 0.001 min
Lab File: VN065816.D
Acq: 11 Feb 2021 15:38

Tgt Ion:105 Resp: 369006
Ion Ratio Lower Upper
105 100
134 24.2 10.0 30.0





#89
 n-Butylbenzene
 Concen: 35.60 ug/l
 RT: 13.585 min Scan# 3684
 Delta R.T. 0.000 min
 Lab File: VN065816.D
 Acq: 11 Feb 2021 15:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VCP-SS-7-SOILME

Tgt Ion: 91 Resp: 286044

Ion	Ratio	Lower	Upper
91	100		
92	48.3	26.1	78.3
134	42.5	13.0	38.9#

