

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041621\
 Data File : VD068882.D
 Acq On : 16 Apr 2021 18:15
 Operator : VA/SY
 Sample : M2046-01
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-4

Quant Time: Apr 16 23:51:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

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

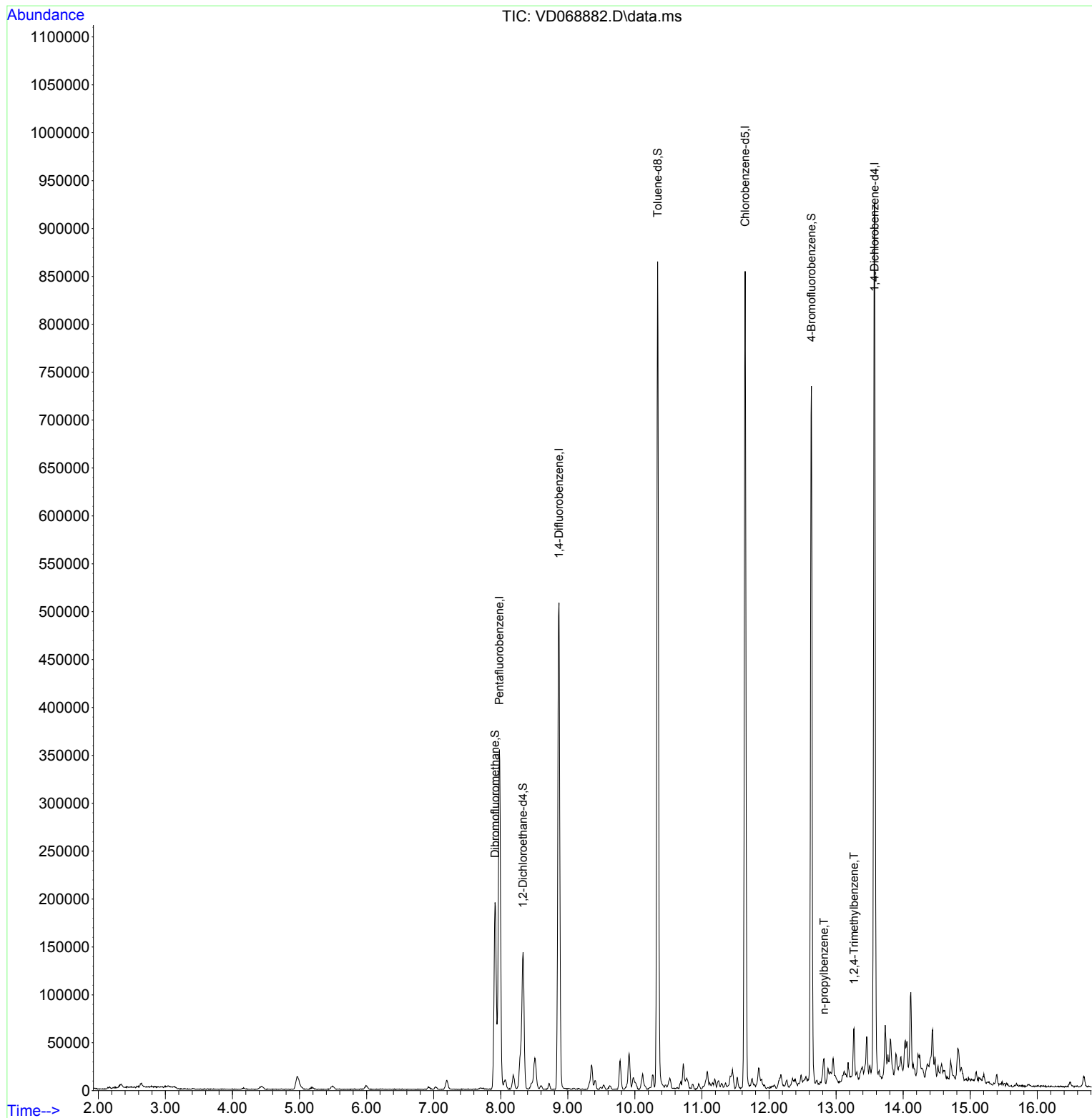
Internal Standards						
1) Pentafluorobenzene	7.979	168	277098	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	478524	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	514866	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	260546	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	112788	38.51	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	77.02%		
35) Dibromofluoromethane	7.914	113	144259	46.35	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.70%		
50) Toluene-d8	10.338	98	593390	50.54	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	101.08%		
62) 4-Bromofluorobenzene	12.632	95	234193	60.05	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	120.10%		
Target Compounds						
78) n-propylbenzene	12.820	91	23946	1.04	ug/l	99
84) 1,2,4-Trimethylbenzene	13.267	105	29747	1.85	ug/l	99

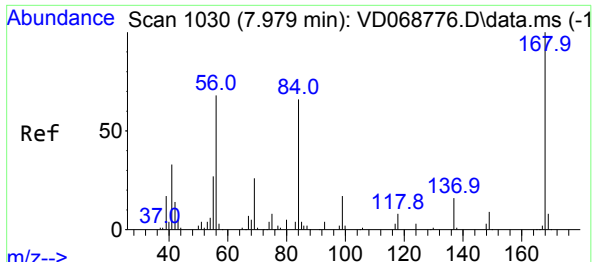
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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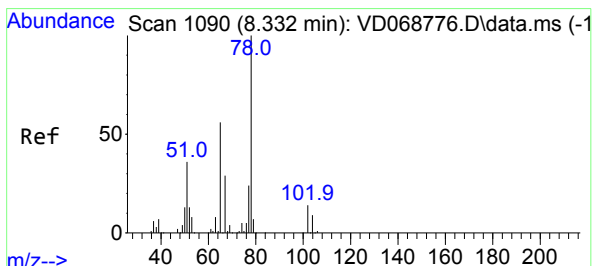
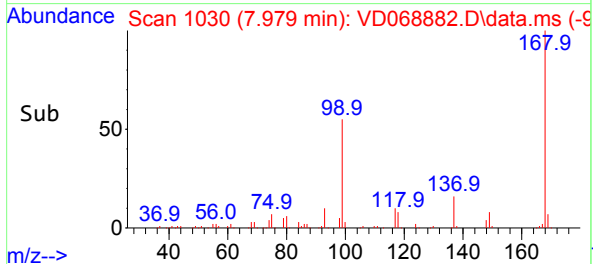
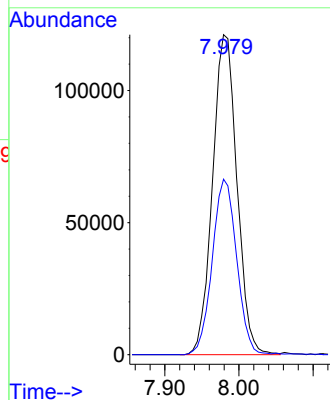
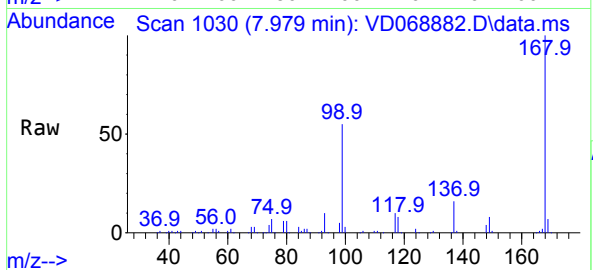




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068882.D
Acq: 16 Apr 2021 18:15

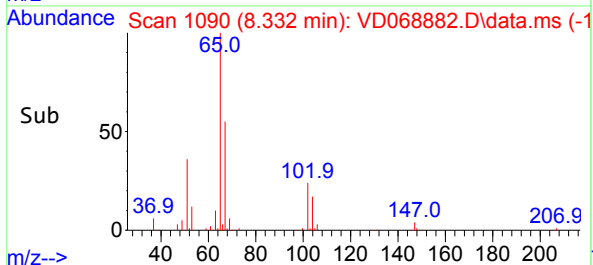
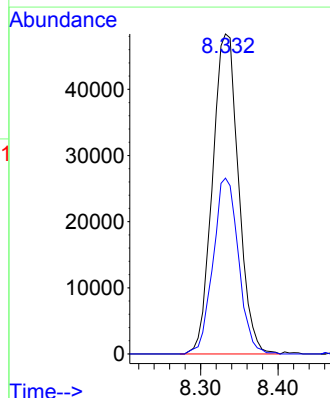
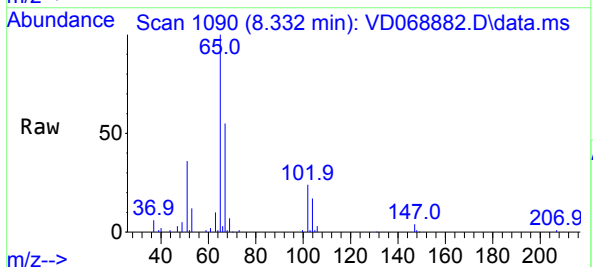
Instrument :
MSVOA_D
ClientSampled :
WC-4

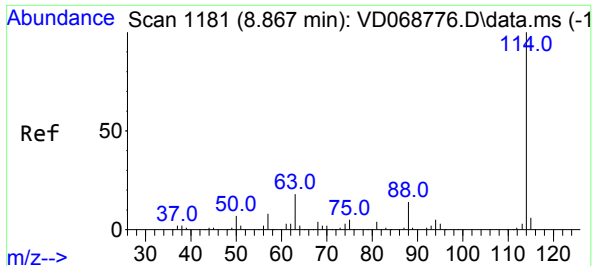
Tgt Ion:168 Resp: 277098
Ion Ratio Lower Upper
168 100
99 54.8 46.2 69.2



#33
1,2-Dichloroethane-d4
Concen: 38.51 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068882.D
Acq: 16 Apr 2021 18:15

Tgt Ion: 65 Resp: 112788
Ion Ratio Lower Upper
65 100
67 53.7 0.0 106.0

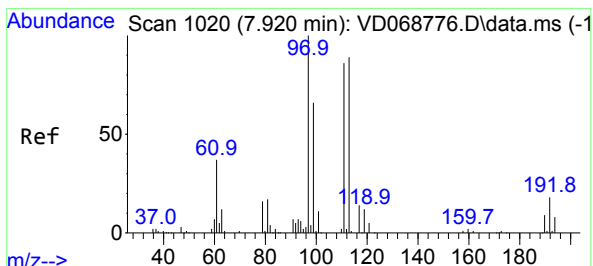
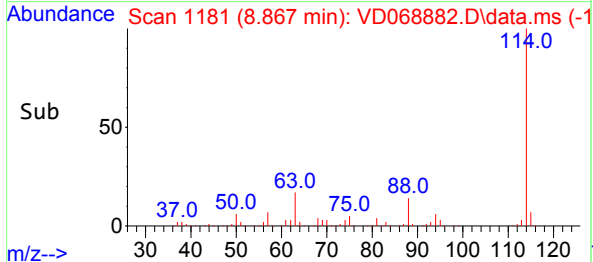
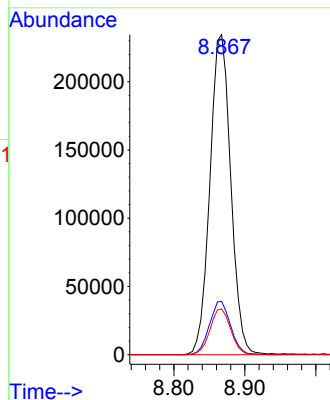
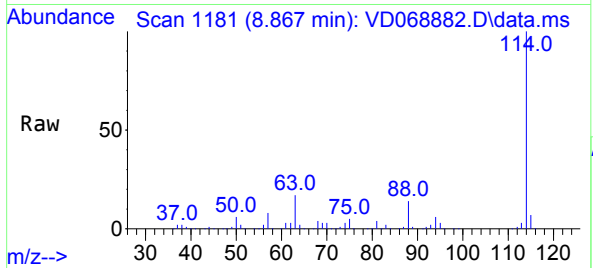




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068882.D
Acq: 16 Apr 2021 18:15

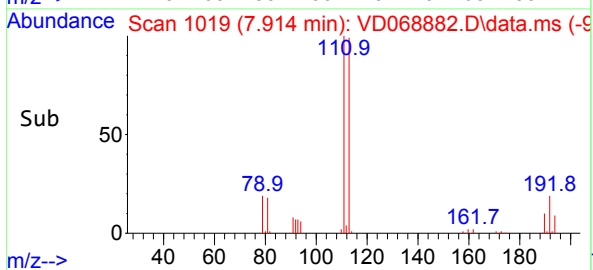
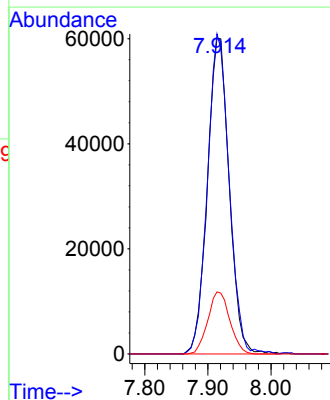
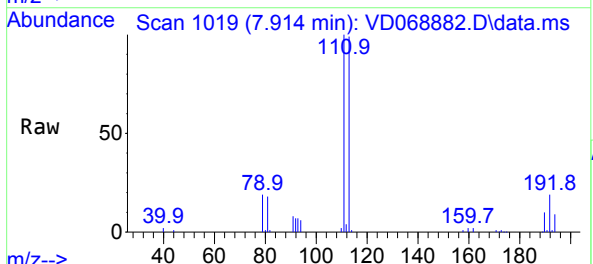
Instrument :
MSVOA_D
ClientSampled :
WC-4

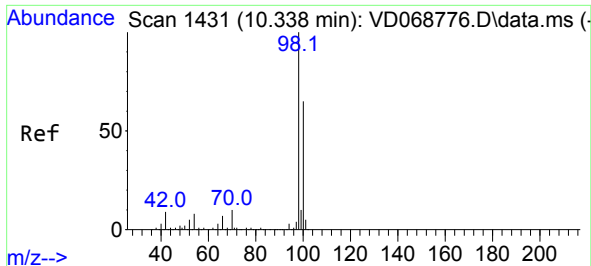
Tgt Ion:114 Resp: 478524
Ion Ratio Lower Upper
114 100
63 16.6 0.0 38.2
88 14.3 0.0 29.4



#35
Dibromofluoromethane
Concen: 46.35 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068882.D
Acq: 16 Apr 2021 18:15

Tgt Ion:113 Resp: 144259
Ion Ratio Lower Upper
113 100
111 100.7 82.5 123.7
192 19.8 15.1 22.7

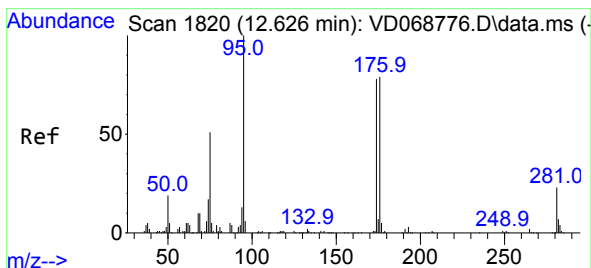
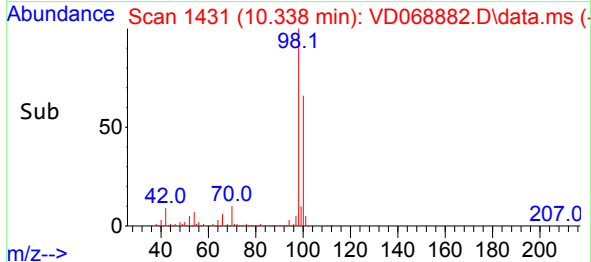
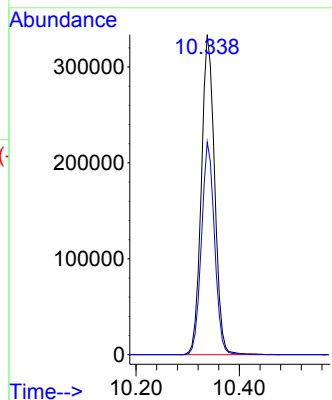
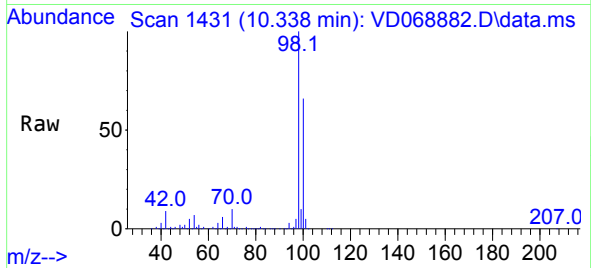




#50
Toluene-d8
Concen: 50.54 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068882.D
Acq: 16 Apr 2021 18:15

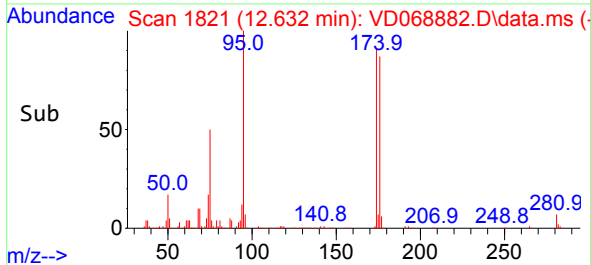
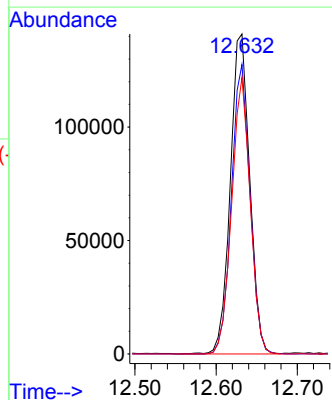
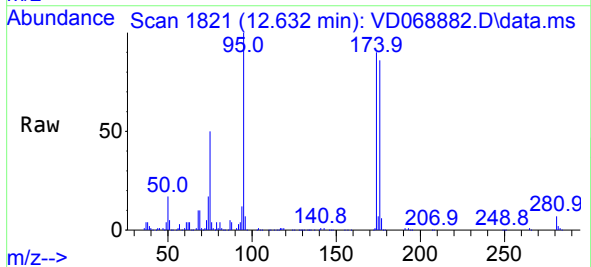
Instrument :
MSVOA_D
ClientSampled :
WC-4

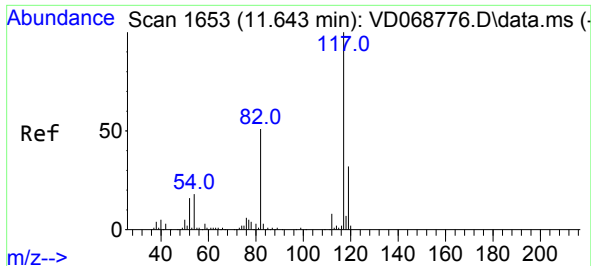
Tgt Ion: 98 Resp: 593390
Ion Ratio Lower Upper
98 100
100 65.7 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 60.05 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068882.D
Acq: 16 Apr 2021 18:15

Tgt Ion: 95 Resp: 234193
Ion Ratio Lower Upper
95 100
174 86.3 0.0 168.0
176 82.3 0.0 160.2

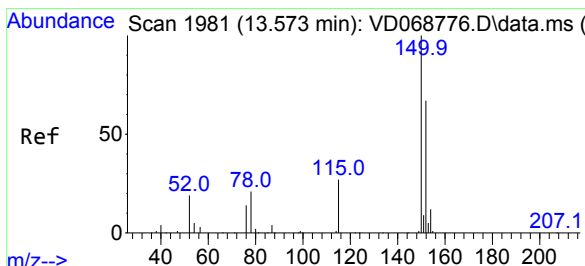
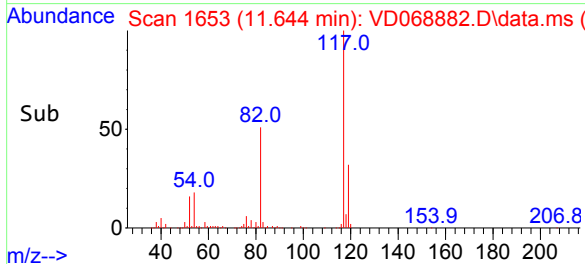
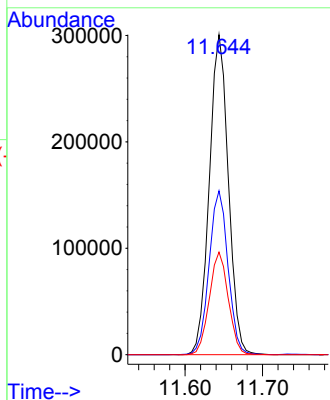
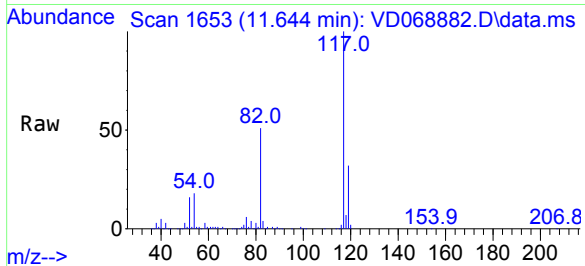




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068882.D
Acq: 16 Apr 2021 18:15

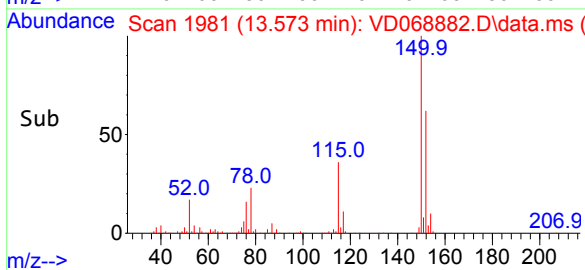
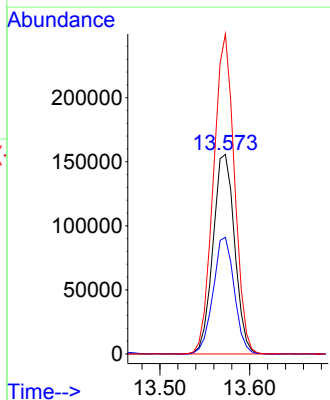
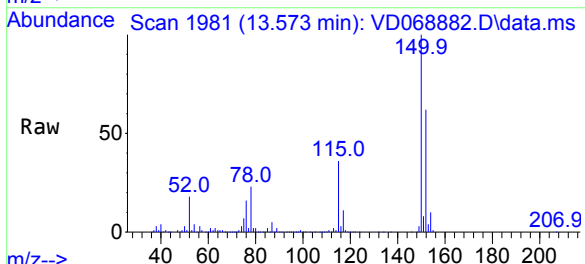
Instrument :
MSVOA_D
ClientSampled :
WC-4

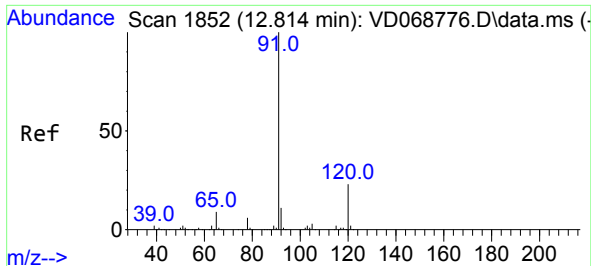
Tgt Ion:117 Resp: 514866
Ion Ratio Lower Upper
117 100
82 51.2 43.5 65.3
119 32.0 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068882.D
Acq: 16 Apr 2021 18:15

Tgt Ion:152 Resp: 260546
Ion Ratio Lower Upper
152 100
115 57.2 29.3 87.8
150 155.9 0.0 347.6

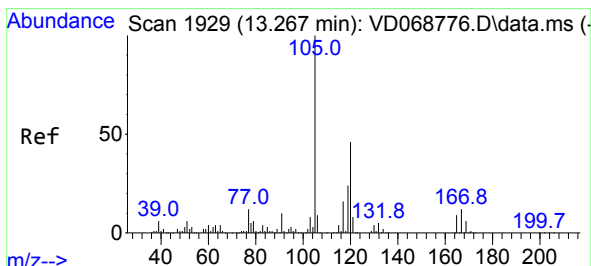
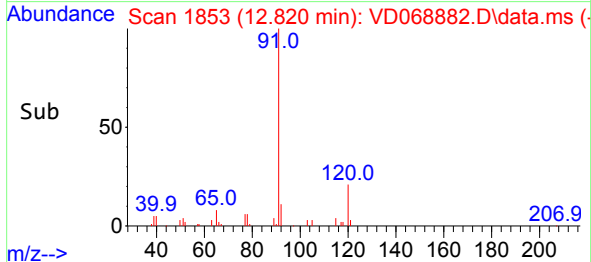
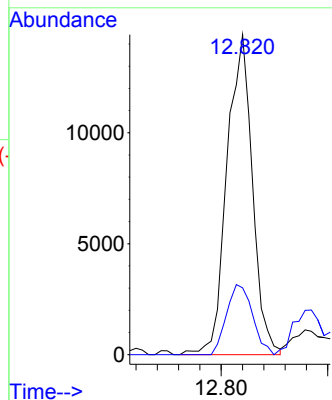
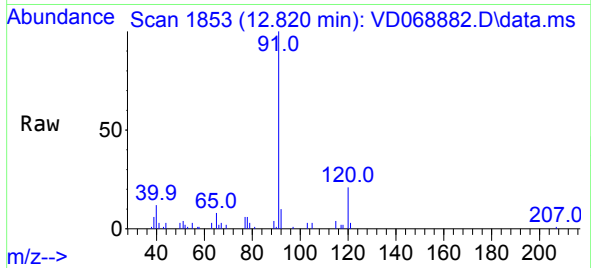




#78
n-propylbenzene
Concen: 1.04 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VD068882.D
Acq: 16 Apr 2021 18:15

Instrument :
MSVOA_D
ClientSampled :
WC-4

Tgt Ion: 91 Resp: 23946
Ion Ratio Lower Upper
91 100
120 22.3 11.4 34.2



#84
1,2,4-Trimethylbenzene
Concen: 1.85 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.000 min
Lab File: VD068882.D
Acq: 16 Apr 2021 18:15

Tgt Ion: 105 Resp: 29747
Ion Ratio Lower Upper
105 100
120 44.7 22.6 67.7

