

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102021\
 Data File : VD070777.D
 Acq On : 20 Oct 2021 15:52
 Operator : VA/SY
 Sample : M4284-02
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20878-SOLID

Quant Time: Oct 21 05:39:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 18 08:32:03 2021
 Response via : Initial Calibration

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

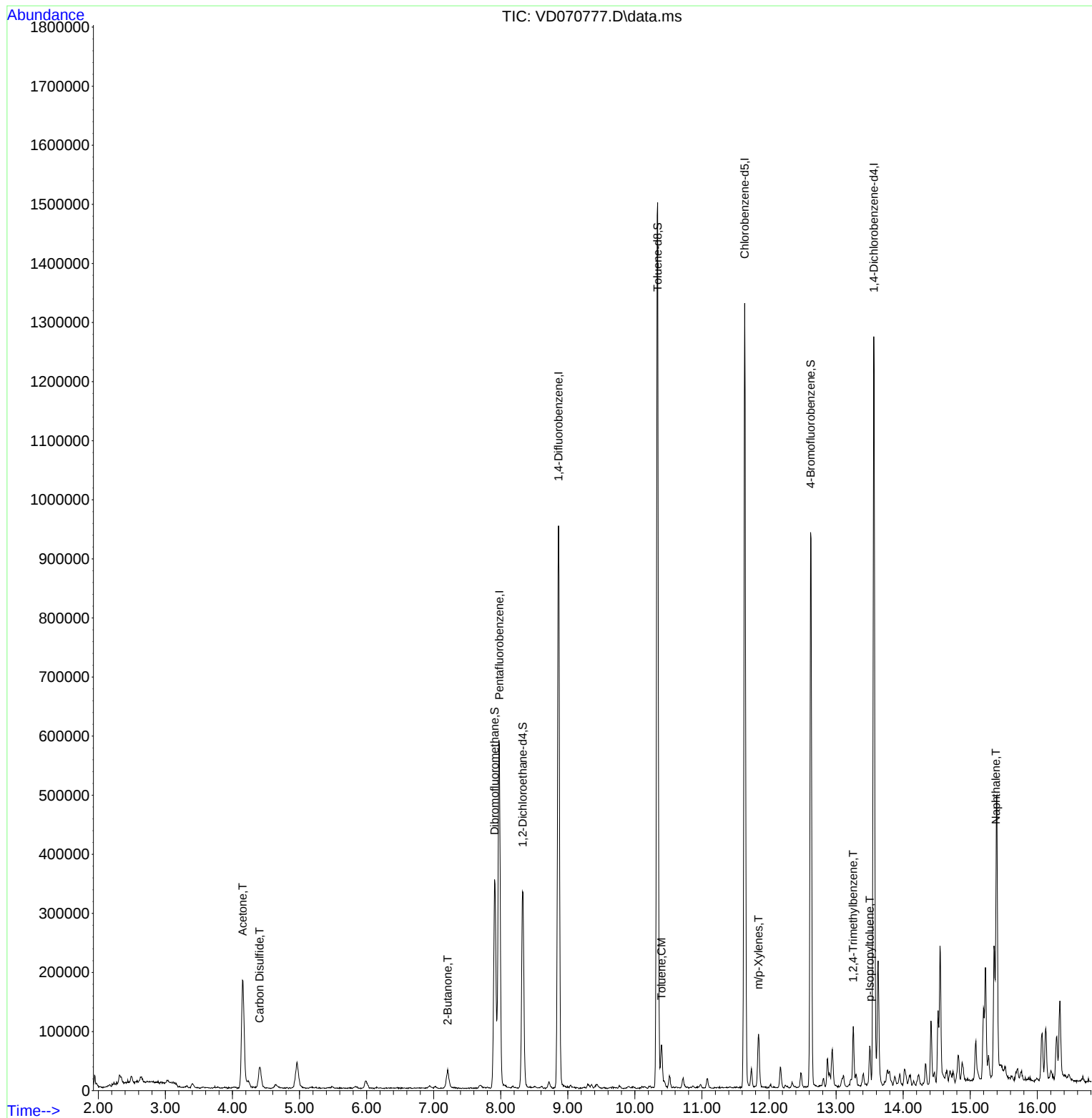
Internal Standards						
1) Pentafluorobenzene	7.979	168	416694	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	768854	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	727490	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	325379	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	266360	53.97	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.94%			
35) Dibromofluoromethane	7.908	113	256372	52.08	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.16%			
50) Toluene-d8	10.338	98	1006390	53.33	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.66%			
62) 4-Bromofluorobenzene	12.620	95	317803	48.91	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.82%			
Target Compounds						
16) Acetone	4.150	43	324906	272.94	ug/l	95
17) Carbon Disulfide	4.403	76	76399	4.63	ug/l #	95
25) 2-Butanone	7.208	43	44406	30.20	ug/l #	76
52) Toluene	10.397	92	26174	1.78	ug/l	94
68) m/p-Xylenes	11.844	106	24373	2.36	ug/l	92
84) 1,2,4-Trimethylbenzene	13.255	105	51213	2.63	ug/l	99
86) p-Isopropyltoluene	13.502	119	33666	1.65	ug/l	94
95) Naphthalene	15.385	128	17116	6.26	ug/l #	91

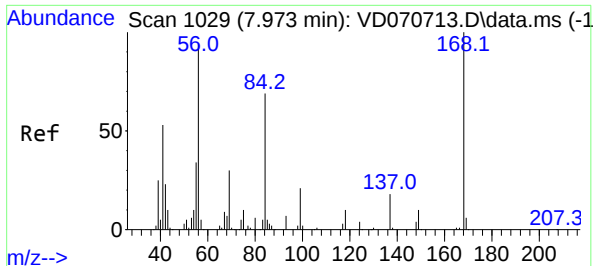
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102021\
Data File : VD070777.D
Acq On : 20 Oct 2021 15:52
Operator : VA/SY
Sample : M4284-02
Misc : 5.03G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
20878-SOLID

Quant Time: Oct 21 05:39:00 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
Quant Title : SW846 8260
QLast Update : Mon Oct 18 08:32:03 2021
Response via : Initial Calibration

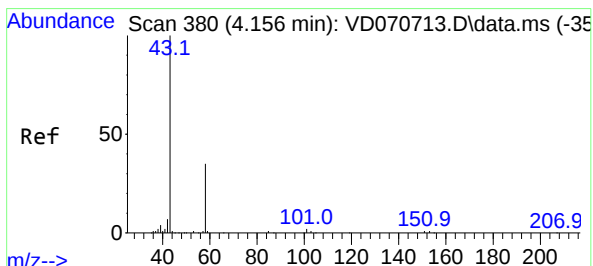
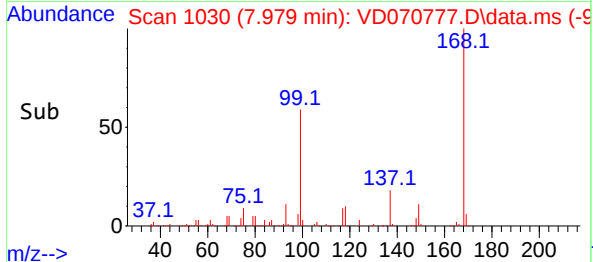
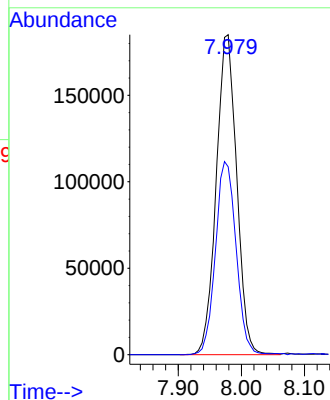
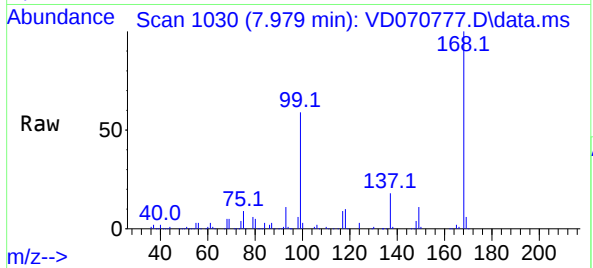




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD070777.D
Acq: 20 Oct 2021 15:52

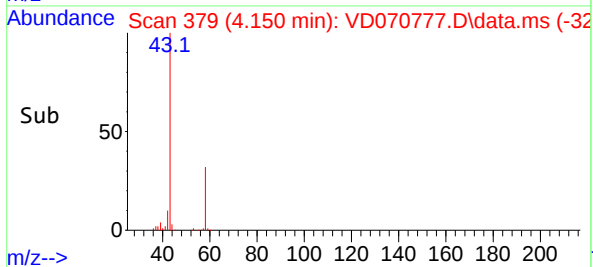
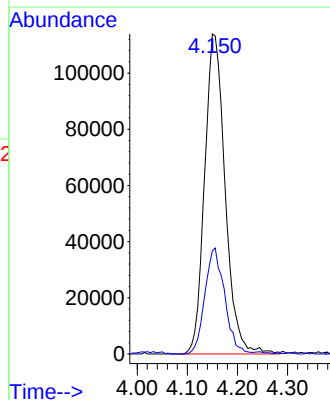
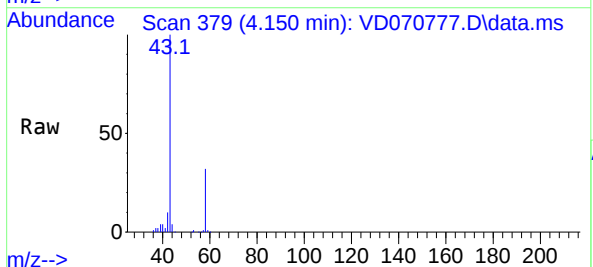
Instrument :
MSVOA_D
ClientSampleId :
20878-SOLID

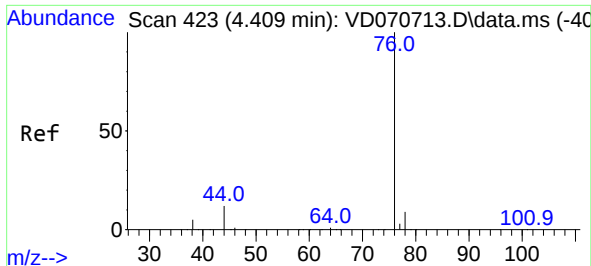
Tgt Ion:168 Resp: 416694
Ion Ratio Lower Upper
168 100
99 58.7 51.4 77.0



#16
Acetone
Concen: 272.94 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD070777.D
Acq: 20 Oct 2021 15:52

Tgt Ion: 43 Resp: 324906
Ion Ratio Lower Upper
43 100
58 32.2 28.2 42.2

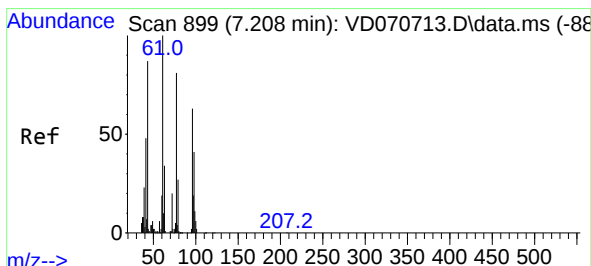
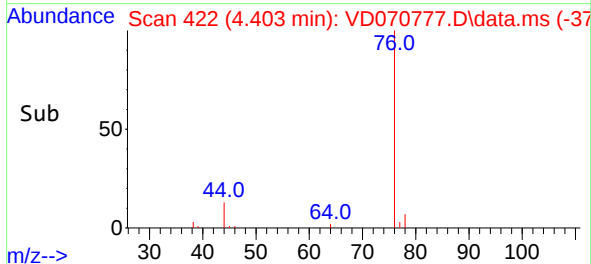
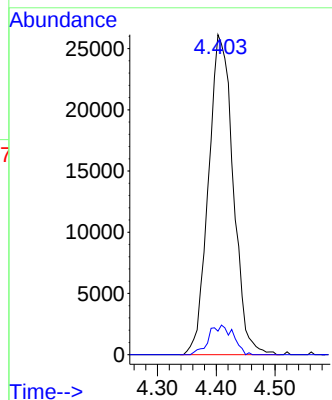
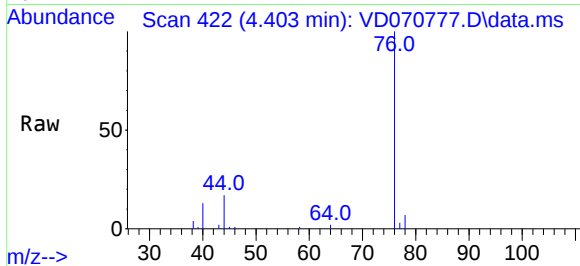




#17
Carbon Disulfide
Concen: 4.63 ug/l
RT: 4.403 min Scan# 422
Delta R.T. -0.006 min
Lab File: VD070777.D
Acq: 20 Oct 2021 15:52

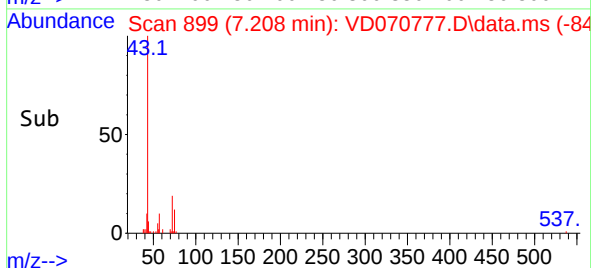
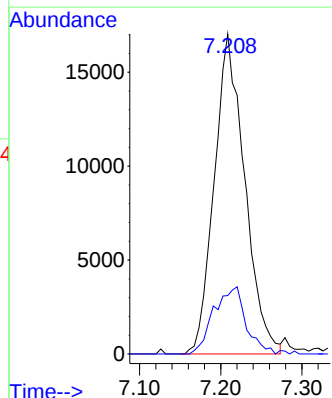
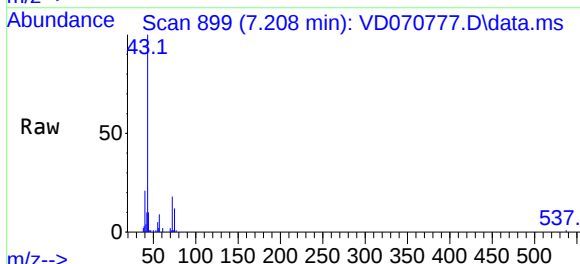
Instrument :
MSVOA_D
ClientSampleId :
20878-SOLID

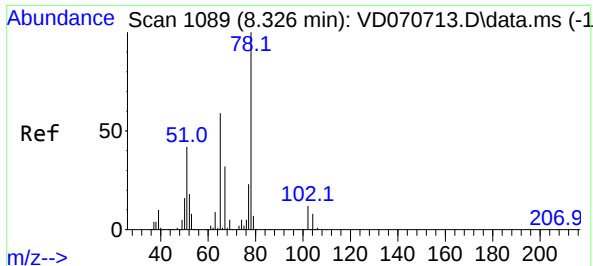
Tgt Ion: 76 Resp: 76399
Ion Ratio Lower Upper
76 100
78 7.3 7.4 11.2#



#25
2-Butanone
Concen: 30.20 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD070777.D
Acq: 20 Oct 2021 15:52

Tgt Ion: 43 Resp: 44406
Ion Ratio Lower Upper
43 100
72 18.3 25.2 37.8#

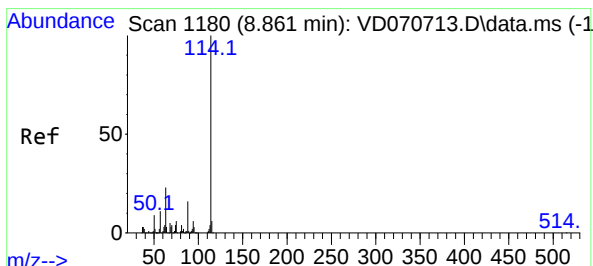
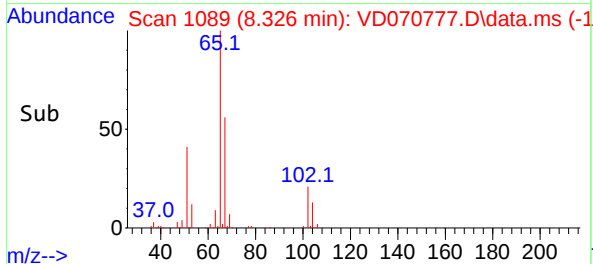
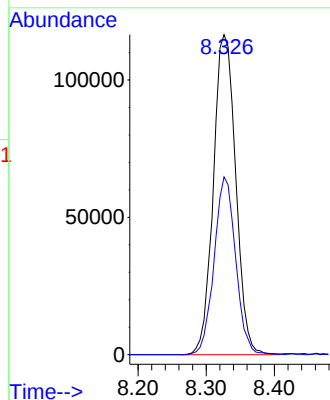
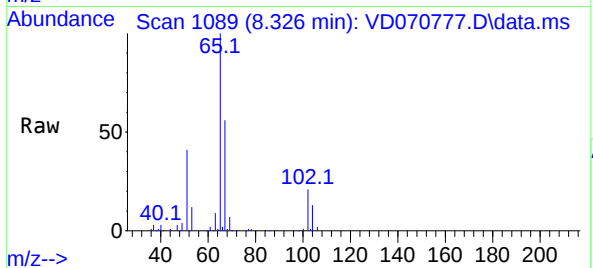




#33
1,2-Dichloroethane-d4
Concen: 53.97 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070777.D
Acq: 20 Oct 2021 15:52

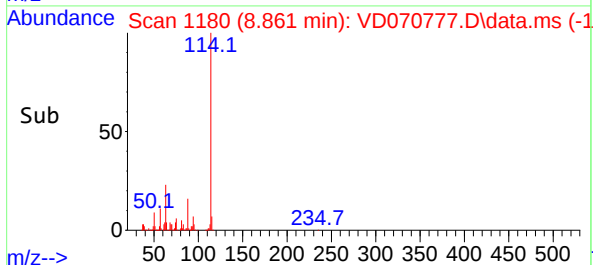
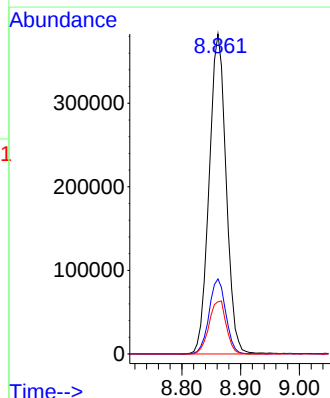
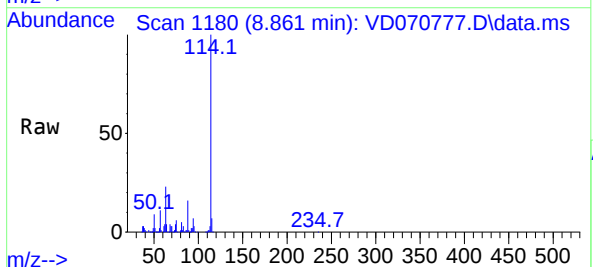
Instrument :
MSVOA_D
ClientSampleId :
20878-SOLID

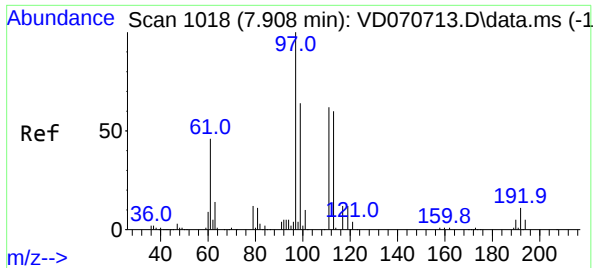
Tgt Ion: 65 Resp: 266360
Ion Ratio Lower Upper
65 100
67 53.4 0.0 110.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070777.D
Acq: 20 Oct 2021 15:52

Tgt Ion:114 Resp: 768854
Ion Ratio Lower Upper
114 100
63 23.5 0.0 41.8
88 16.3 0.0 32.6

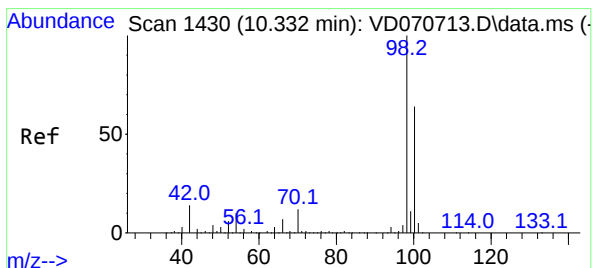
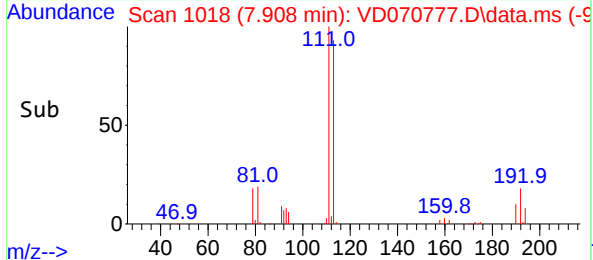
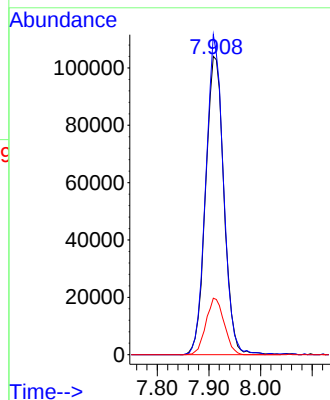
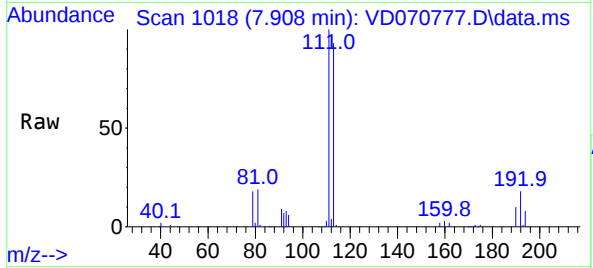




#35
Dibromofluoromethane
Concen: 52.08 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD070777.D
Acq: 20 Oct 2021 15:52

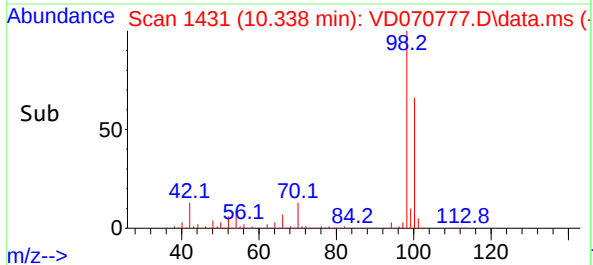
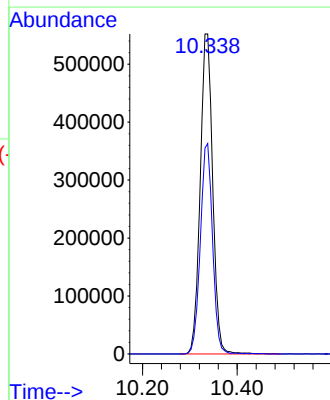
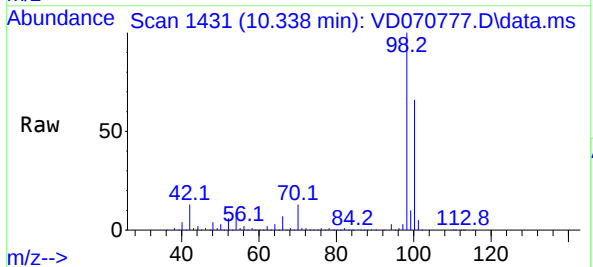
Instrument :
MSVOA_D
ClientSampleId :
20878-SOLID

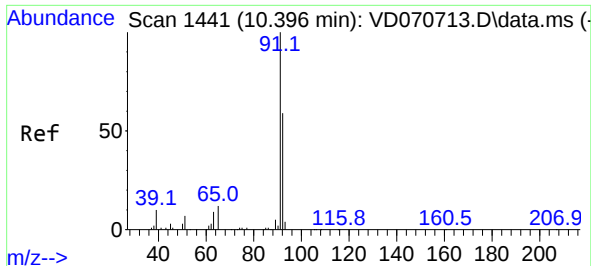
Tgt Ion:113 Resp: 256372
Ion Ratio Lower Upper
113 100
111 102.6 83.1 124.7
192 18.8 12.7 19.1



#50
Toluene-d8
Concen: 53.33 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070777.D
Acq: 20 Oct 2021 15:52

Tgt Ion: 98 Resp: 1006390
Ion Ratio Lower Upper
98 100
100 64.3 52.2 78.4

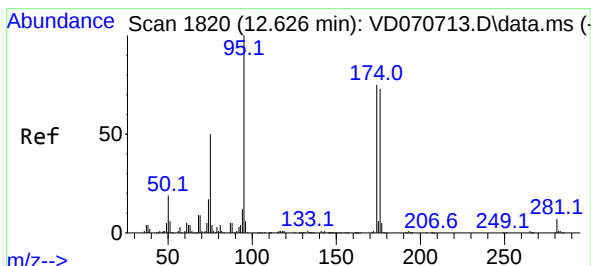
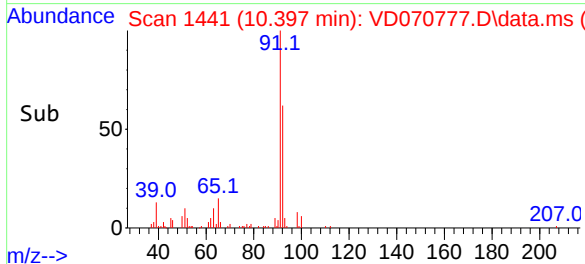
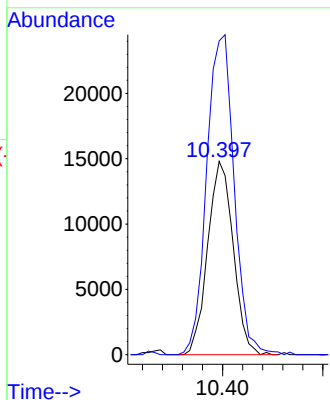
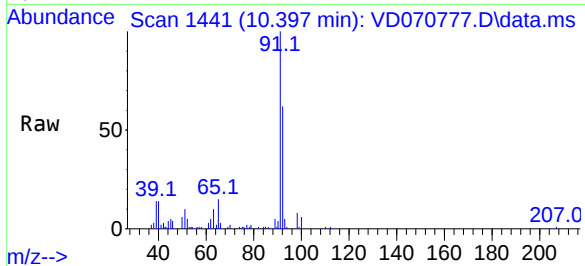




#52
Toluene
Concen: 1.78 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD070777.D
Acq: 20 Oct 2021 15:52

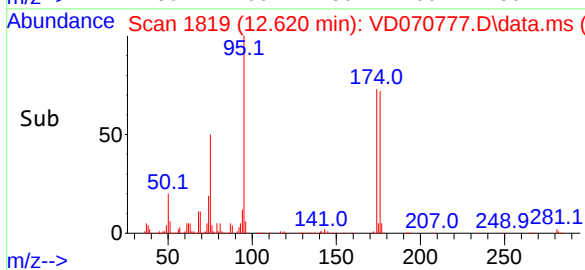
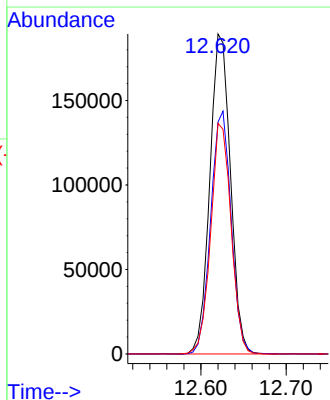
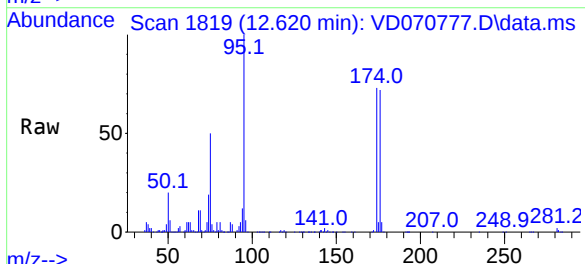
Instrument :
MSVOA_D
ClientSampleId :
20878-SOLID

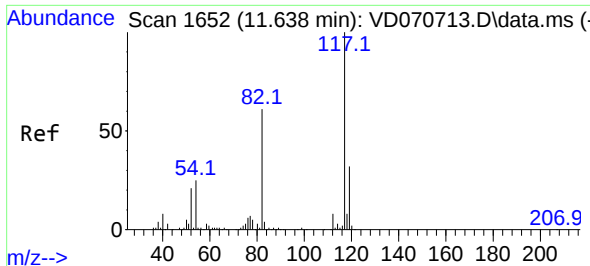
Tgt Ion: 92 Resp: 26174
Ion Ratio Lower Upper
92 100
91 178.2 136.3 204.5



#62
4-Bromofluorobenzene
Concen: 48.91 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070777.D
Acq: 20 Oct 2021 15:52

Tgt Ion: 95 Resp: 317803
Ion Ratio Lower Upper
95 100
174 75.4 0.0 138.0
176 71.1 0.0 135.6

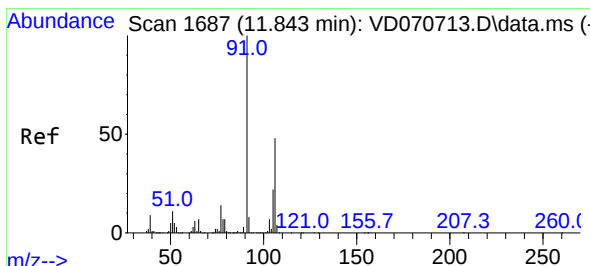
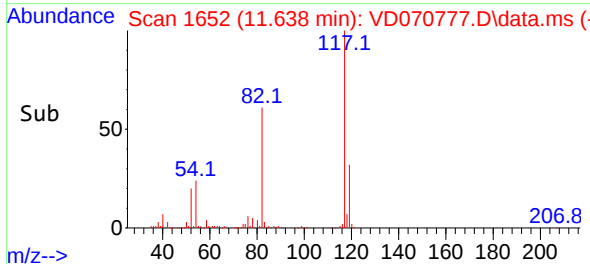
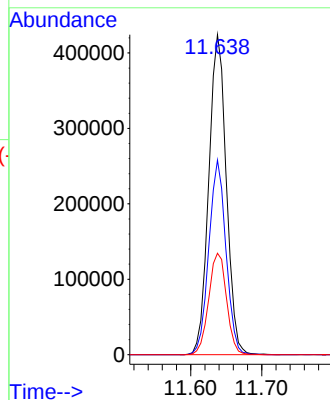
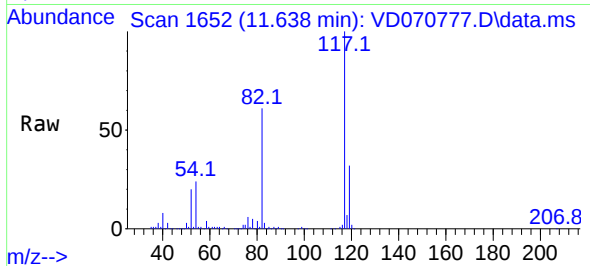




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070777.D
Acq: 20 Oct 2021 15:52

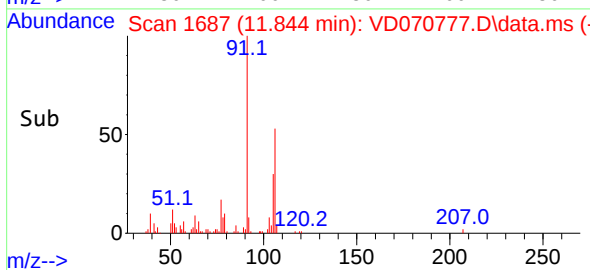
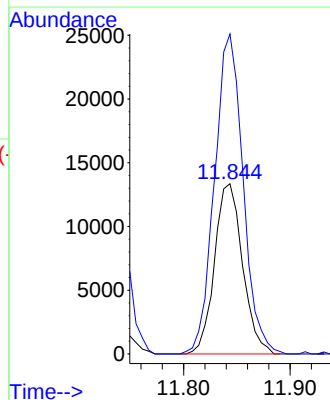
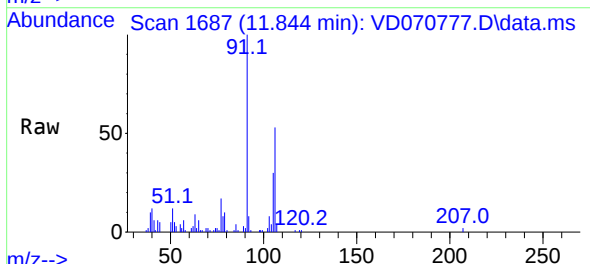
Instrument :
MSVOA_D
ClientSampleId :
20878-SOLID

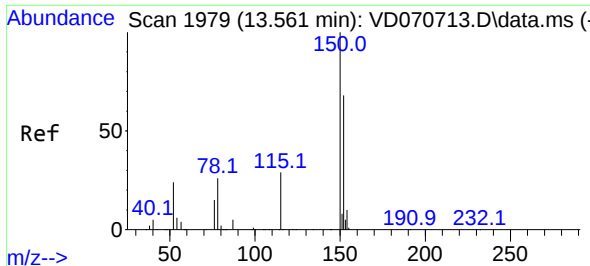
Tgt Ion:117 Resp: 727490
Ion Ratio Lower Upper
117 100
82 60.8 45.4 68.2
119 31.7 24.7 37.1



#68
m/p-Xylenes
Concen: 2.36 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VD070777.D
Acq: 20 Oct 2021 15:52

Tgt Ion:106 Resp: 24373
Ion Ratio Lower Upper
106 100
91 191.8 162.7 244.1

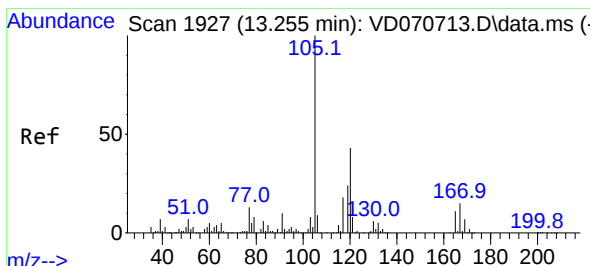
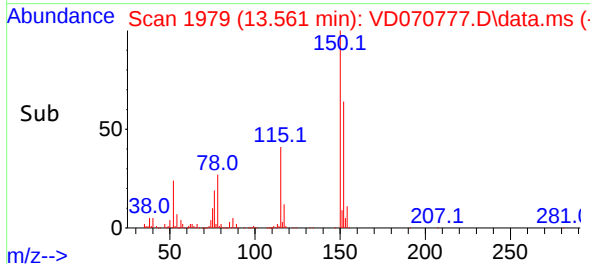
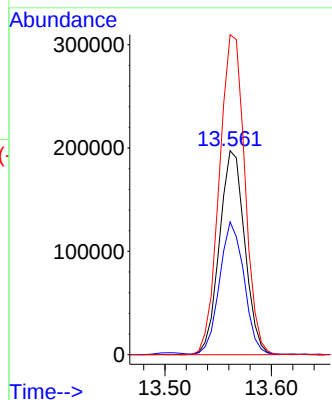
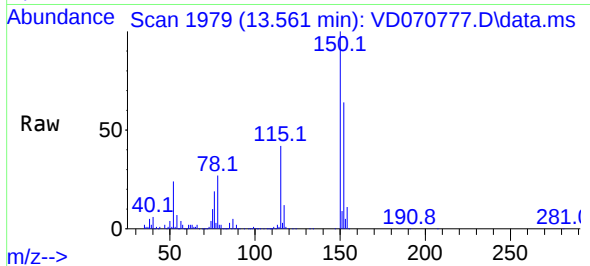




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD070777.D
Acq: 20 Oct 2021 15:52

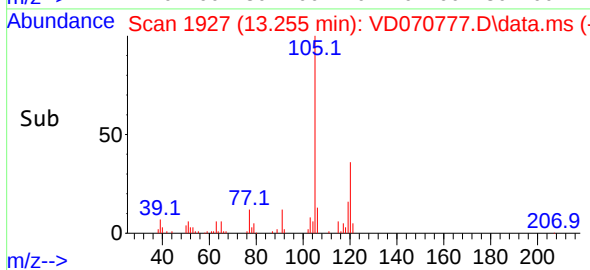
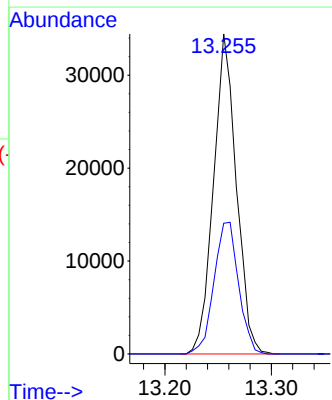
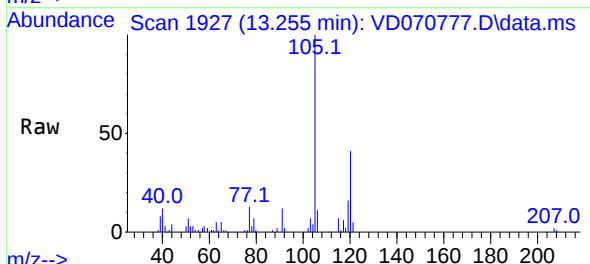
Instrument :
MSVOA_D
ClientSampleId :
20878-SOLID

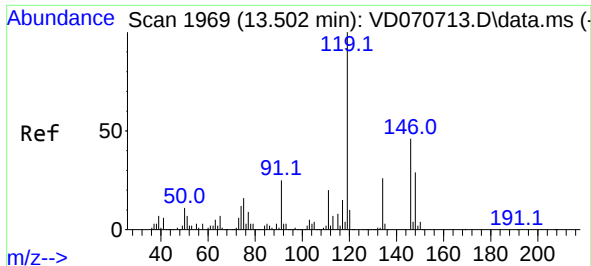
Tgt Ion:152 Resp: 325379
Ion Ratio Lower Upper
152 100
115 62.8 31.9 95.7
150 158.4 0.0 350.0



#84
1,2,4-Trimethylbenzene
Concen: 2.63 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD070777.D
Acq: 20 Oct 2021 15:52

Tgt Ion:105 Resp: 51213
Ion Ratio Lower Upper
105 100
120 44.3 21.9 65.8

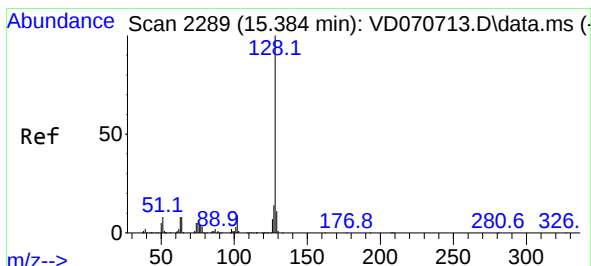
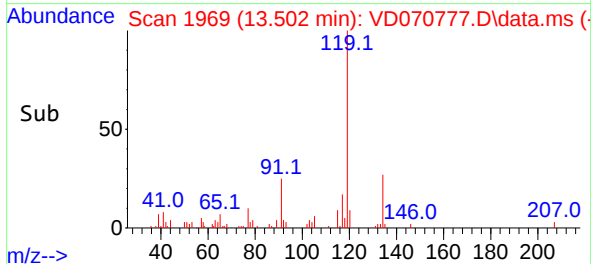
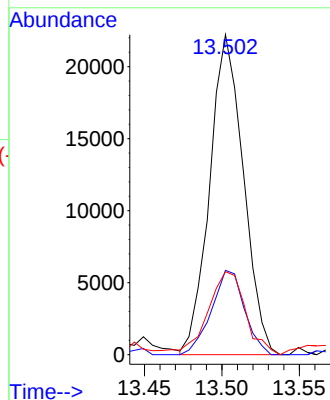
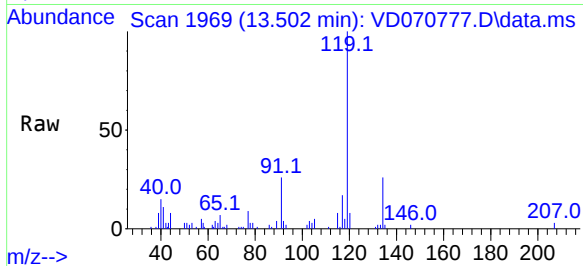




#86
p-Isopropyltoluene
Concen: 1.65 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD070777.D
Acq: 20 Oct 2021 15:52

Instrument :
MSVOA_D
ClientSampleId :
20878-SOLID

Tgt Ion:	119	Resp:	33666
Ion	Ratio	Lower	Upper
119	100		
134	25.8	12.5	37.5
91	28.9	11.9	35.5



#95
Naphthalene
Concen: 6.26 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. 0.001 min
Lab File: VD070777.D
Acq: 20 Oct 2021 15:52

Tgt Ion:	128	Resp:	17116
Ion	Ratio	Lower	Upper
128	100		
127	18.3	10.9	16.3#
129	12.8	8.6	12.8

