

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071321\
 Data File : VD069677.D
 Acq On : 13 Jul 2021 18:30
 Operator : VA/SY
 Sample : M3001-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CHRT-25720

Quant Time: Jul 14 06:08:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071321S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 14 06:00:31 2021
 Response via : Initial Calibration

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

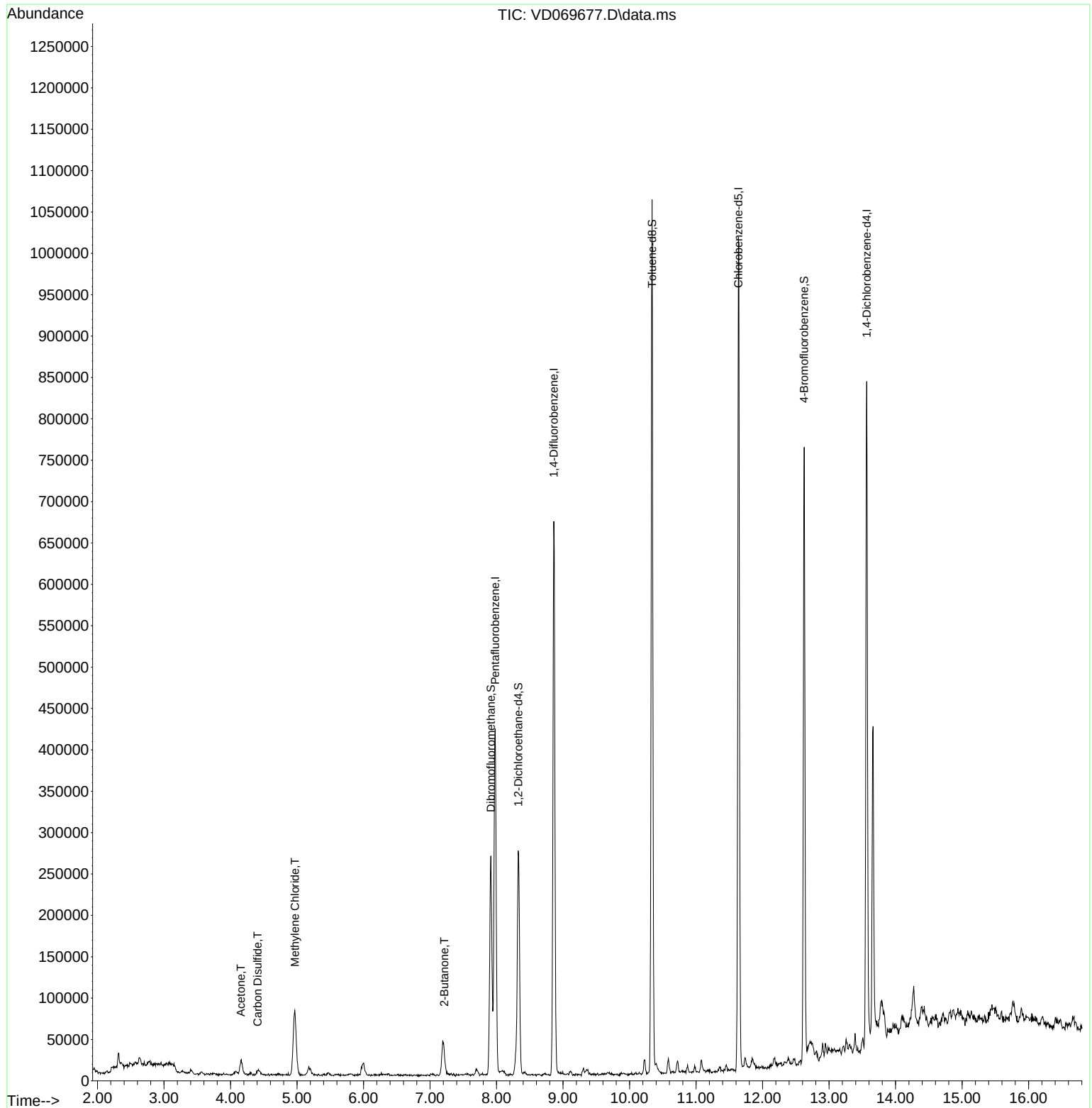
Internal Standards						
1) Pentafluorobenzene	7.979	168	295408	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	560998	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	584130	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	210947	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	219400	59.481	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.960%
35) Dibromofluoromethane	7.914	113	192437	51.131	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.260%
50) Toluene-d8	10.338	98	706472	48.317	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.640%
62) 4-Bromofluorobenzene	12.626	95	254418	52.172	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.340%
Target Compounds						
						Qvalue
16) Acetone	4.156	43	31202	49.910	ug/l	97
17) Carbon Disulfide	4.409	76	8768	1.200	ug/l	96
20) Methylene Chloride	4.967	84	63291	7.853	ug/l	98
25) 2-Butanone	7.214	43	10522	12.070	ug/l #	77

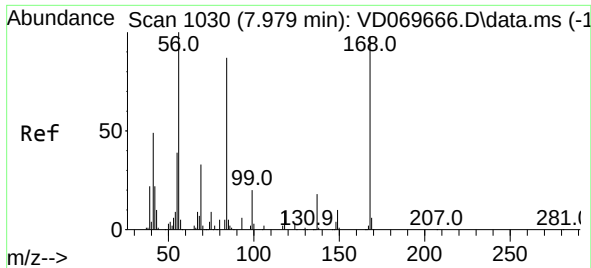
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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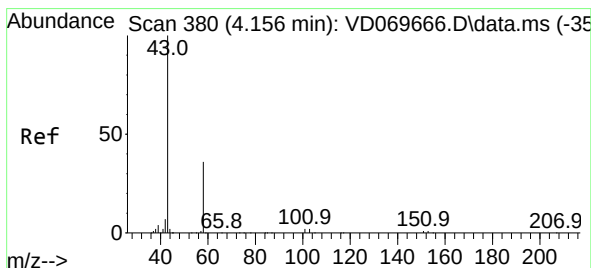
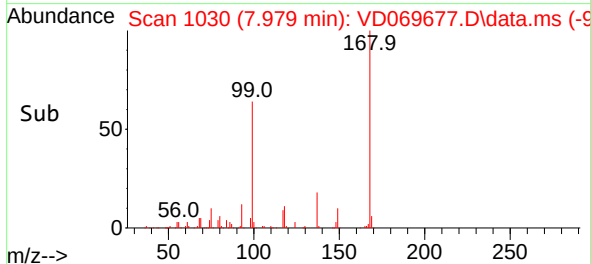
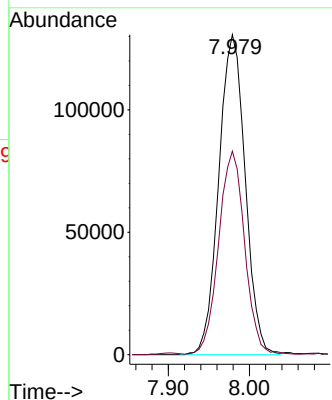
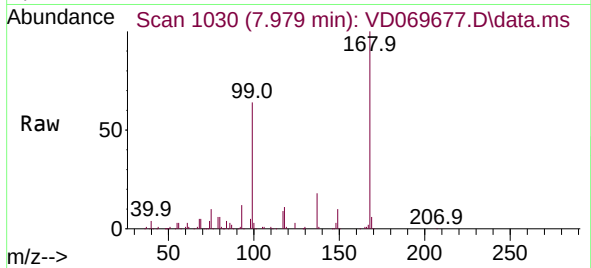




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069677.D
Acq: 13 Jul 2021 18:30

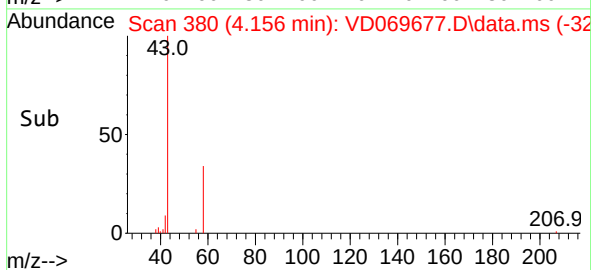
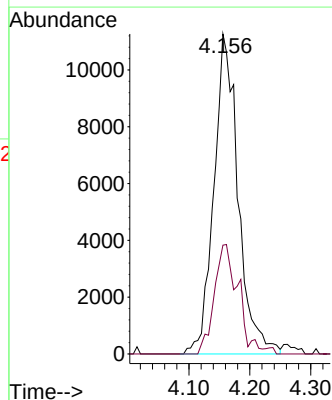
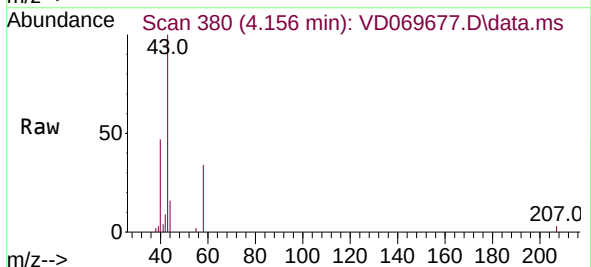
Instrument :
MSVOA_D
ClientSampleId :
CHRT-25720

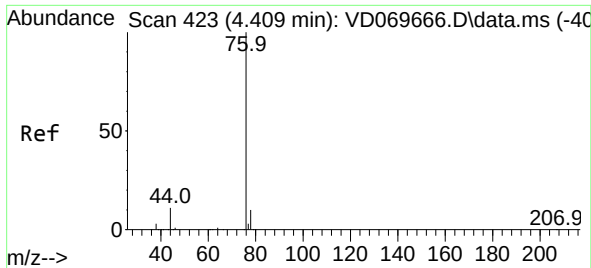
Tgt Ion:168 Resp: 295408
Ion Ratio Lower Upper
168 100
99 63.3 51.8 77.6



#16
Acetone
Concen: 49.910 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD069677.D
Acq: 13 Jul 2021 18:30

Tgt Ion: 43 Resp: 31202
Ion Ratio Lower Upper
43 100
58 34.0 28.6 42.8

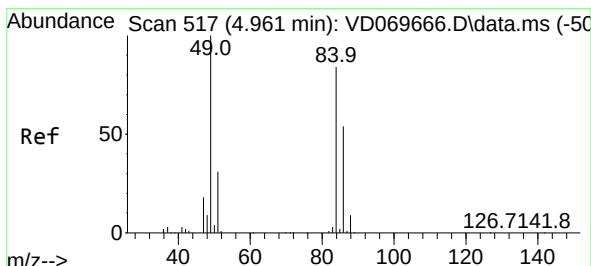
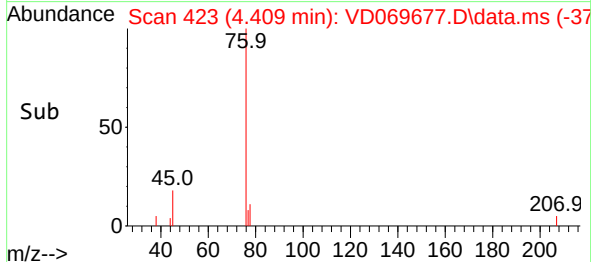
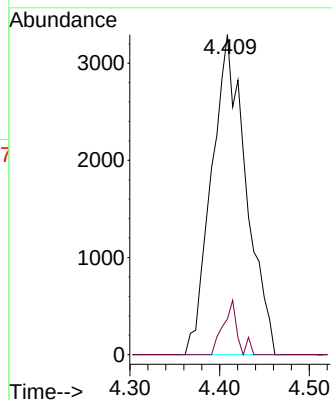
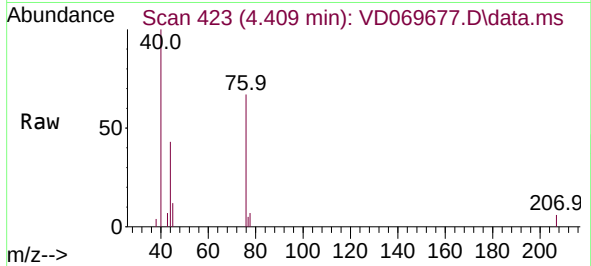




#17
Carbon Disulfide
Concen: 1.200 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD069677.D
Acq: 13 Jul 2021 18:30

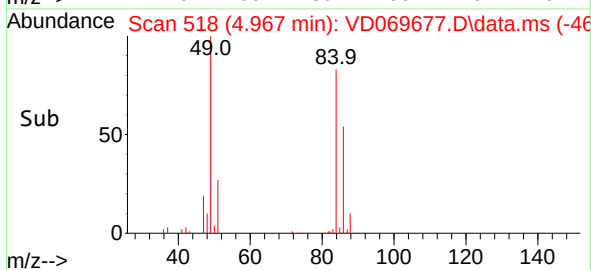
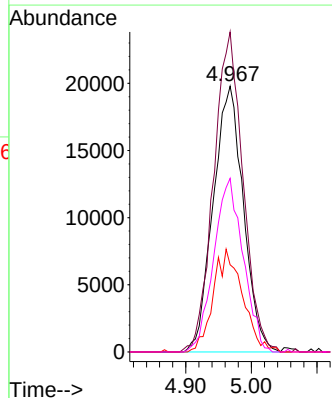
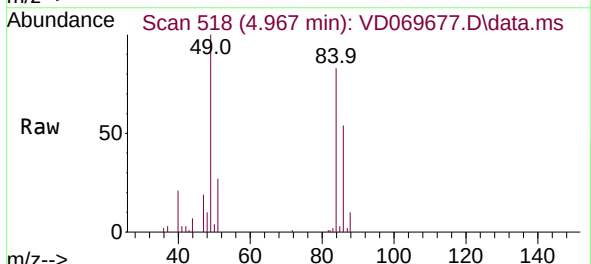
Instrument :
MSVOA_D
ClientSampleId :
CHRT-25720

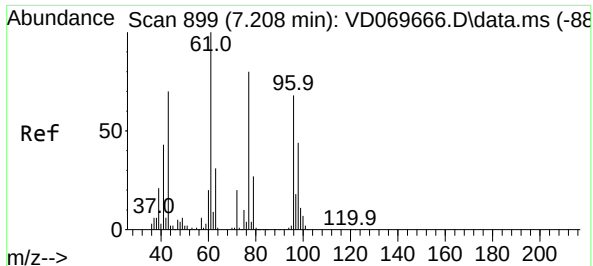
Tgt Ion: 76 Resp: 8768
Ion Ratio Lower Upper
76 100
78 11.1 7.6 11.4



#20
Methylene Chloride
Concen: 7.853 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.006 min
Lab File: VD069677.D
Acq: 13 Jul 2021 18:30

Tgt Ion: 84 Resp: 63291
Ion Ratio Lower Upper
84 100
49 120.4 95.5 143.3
51 32.8 29.7 44.5
86 65.3 51.6 77.4

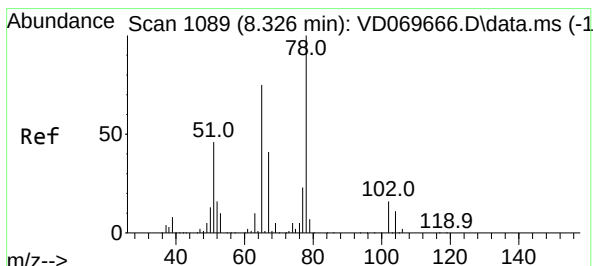
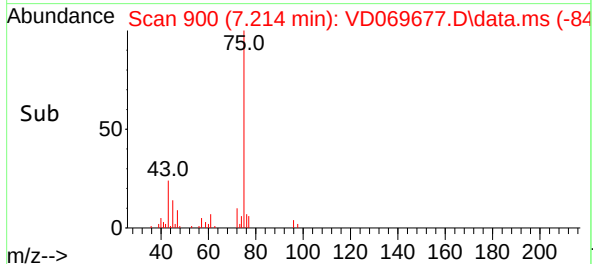
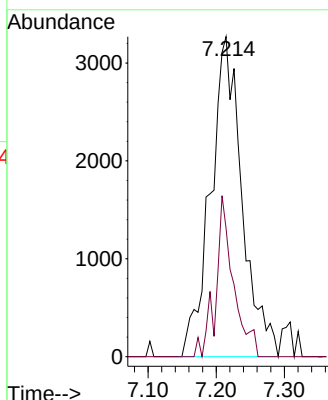
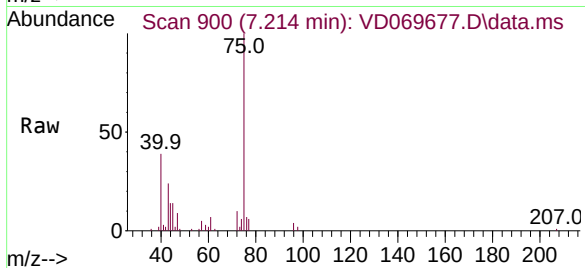




#25
2-Butanone
Concen: 12.070 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD069677.D
Acq: 13 Jul 2021 18:30

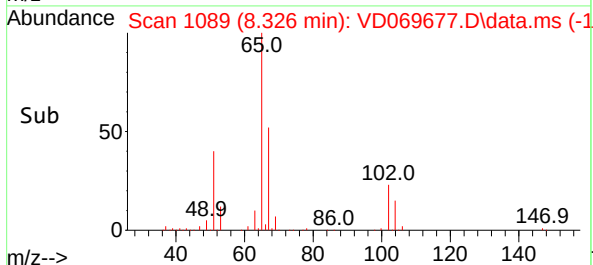
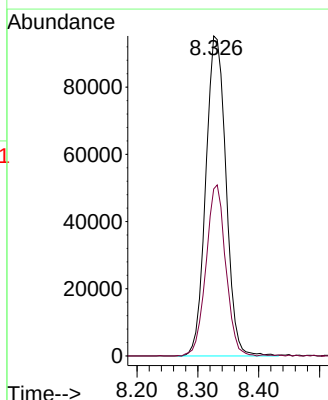
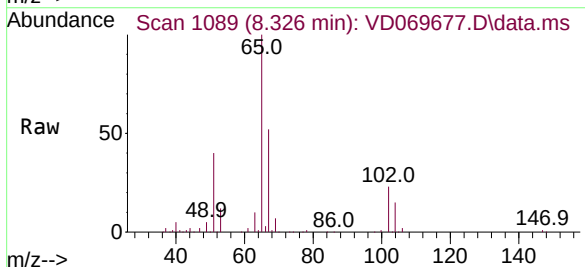
Instrument :
MSVOA_D
ClientSampleId :
CHRT-25720

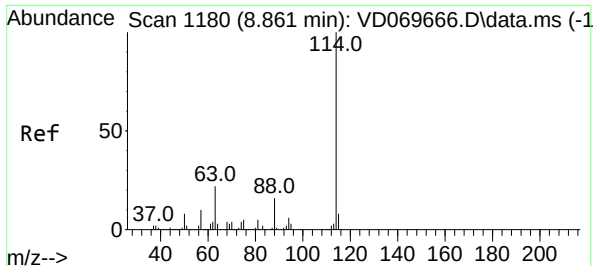
Tgt Ion: 43 Resp: 10522
Ion Ratio Lower Upper
43 100
72 40.1 22.6 33.8#



#33
1,2-Dichloroethane-d4
Concen: 59.481 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD069677.D
Acq: 13 Jul 2021 18:30

Tgt Ion: 65 Resp: 219400
Ion Ratio Lower Upper
65 100
67 52.2 0.0 107.2

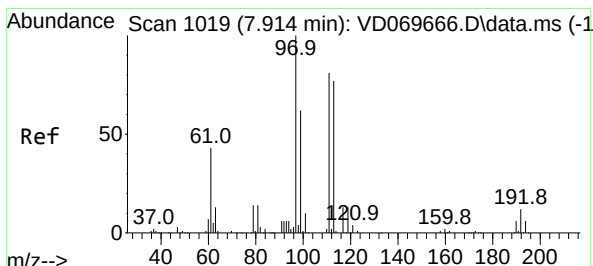
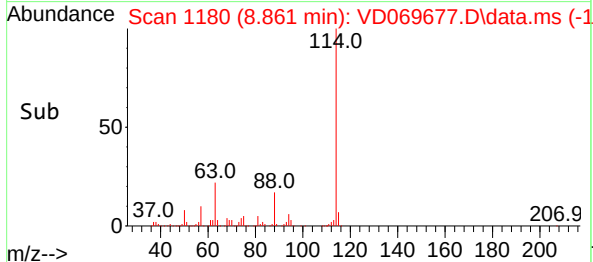
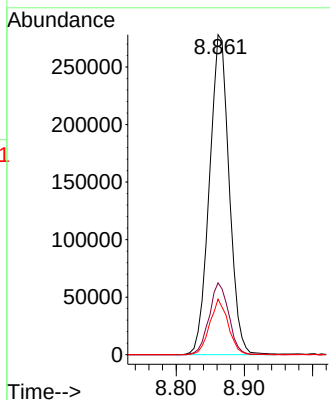
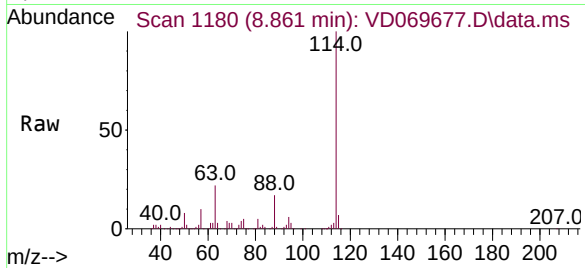




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069677.D
Acq: 13 Jul 2021 18:30

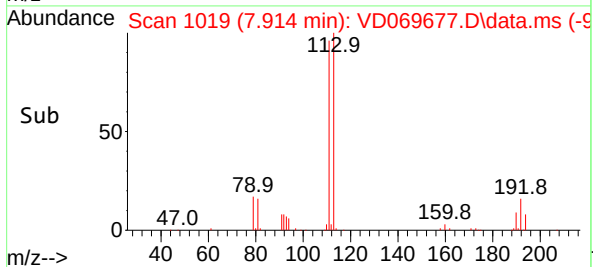
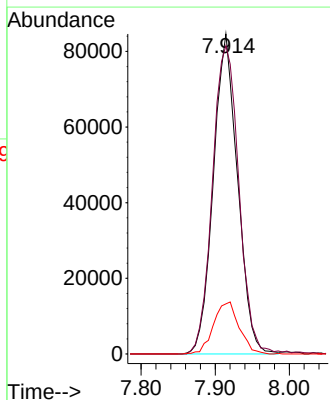
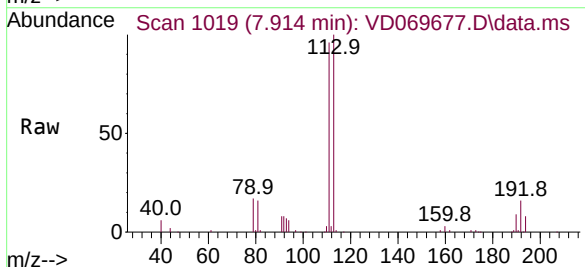
Instrument :
MSVOA_D
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CHRT-25720

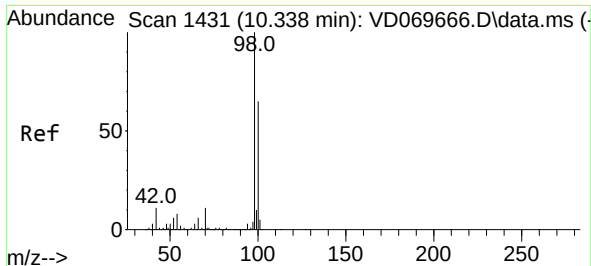
Tgt Ion:	114	Resp:	560998
Ion Ratio	Lower	Upper	
114	100		
63	22.4	0.0	43.4
88	17.4	0.0	32.0



#35
Dibromofluoromethane
Concen: 51.131 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069677.D
Acq: 13 Jul 2021 18:30

Tgt Ion:	113	Resp:	192437
Ion Ratio	Lower	Upper	
113	100		
111	105.4	82.6	123.8
192	17.1	12.7	19.1

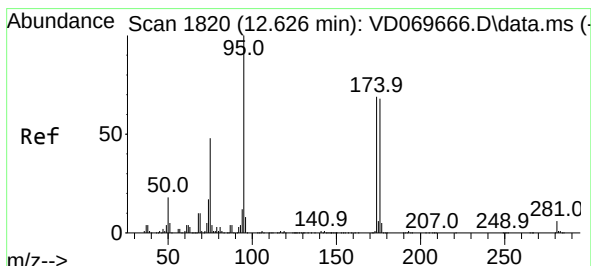
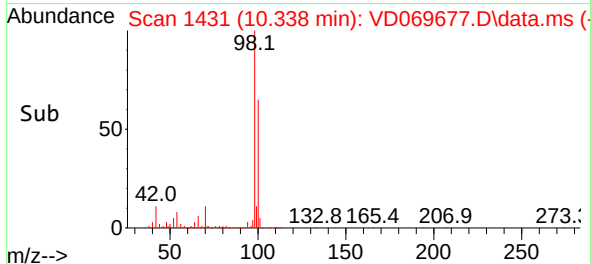
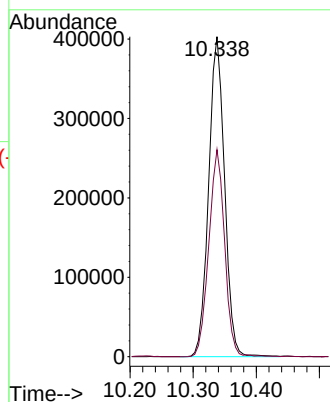
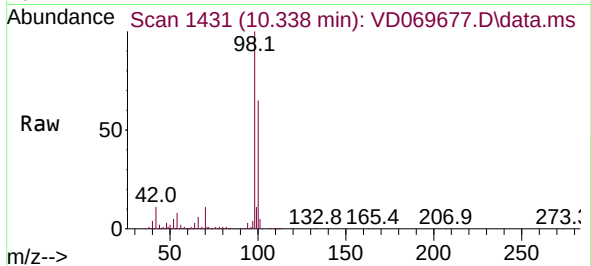




#50
Toluene-d8
Concen: 48.317 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069677.D
Acq: 13 Jul 2021 18:30

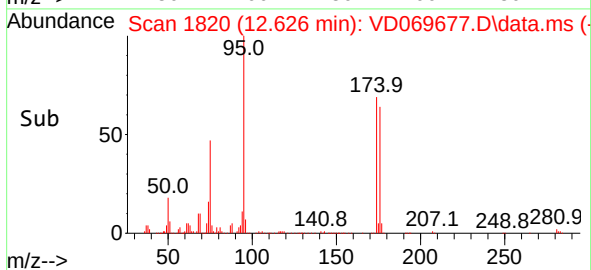
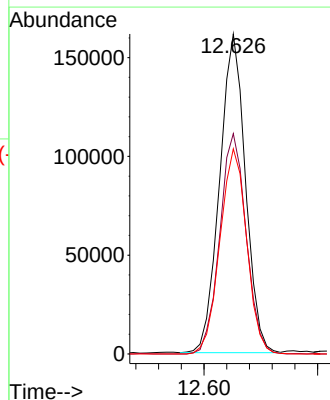
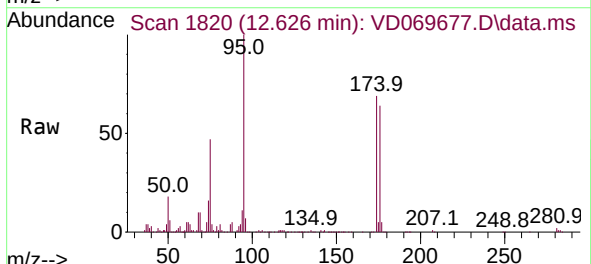
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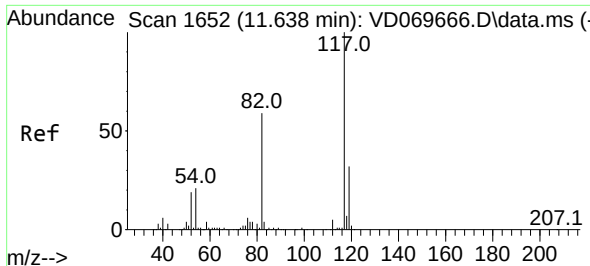
Tgt Ion: 98 Resp: 706472
Ion Ratio Lower Upper
98 100
100 64.5 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 52.172 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069677.D
Acq: 13 Jul 2021 18:30

Tgt Ion: 95 Resp: 254418
Ion Ratio Lower Upper
95 100
174 70.7 0.0 140.0
176 66.5 0.0 136.2

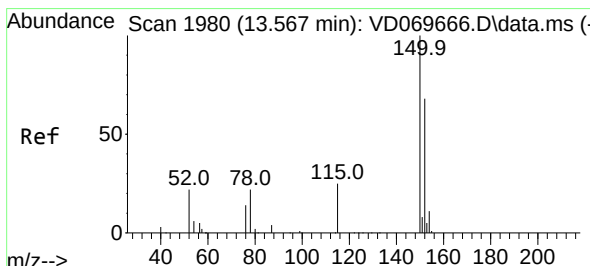
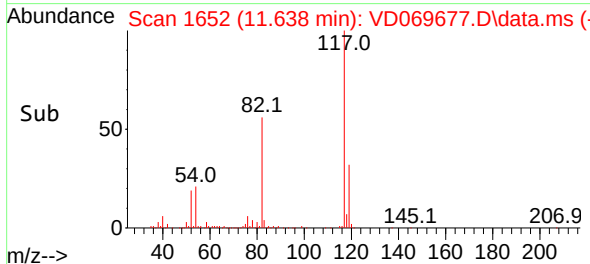
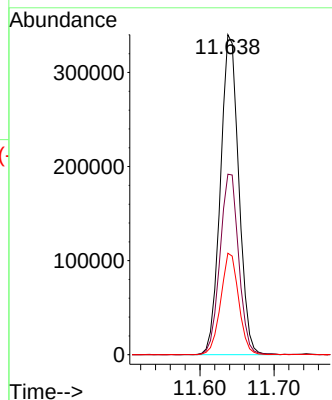
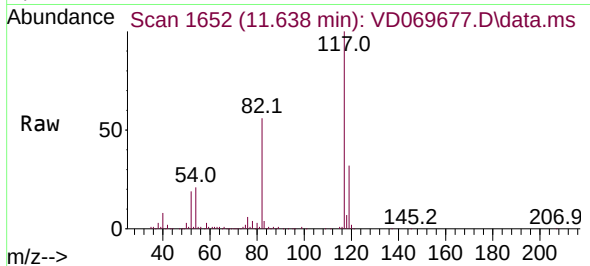




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069677.D
Acq: 13 Jul 2021 18:30

Instrument :
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ClientSampleId :
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Tgt Ion:117 Resp: 584130
Ion Ratio Lower Upper
117 100
82 56.4 47.4 71.2
119 31.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069677.D
Acq: 13 Jul 2021 18:30

Tgt Ion:152 Resp: 210947
Ion Ratio Lower Upper
152 100
115 62.8 31.7 95.1
150 157.7 0.0 350.4

