

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040821\
 Data File : VD068786.D
 Acq On : 08 Apr 2021 13:48
 Operator : VA/SY
 Sample : M1979-13
 Misc : 5.17G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-13

Quant Time: Apr 09 01:01:46 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)

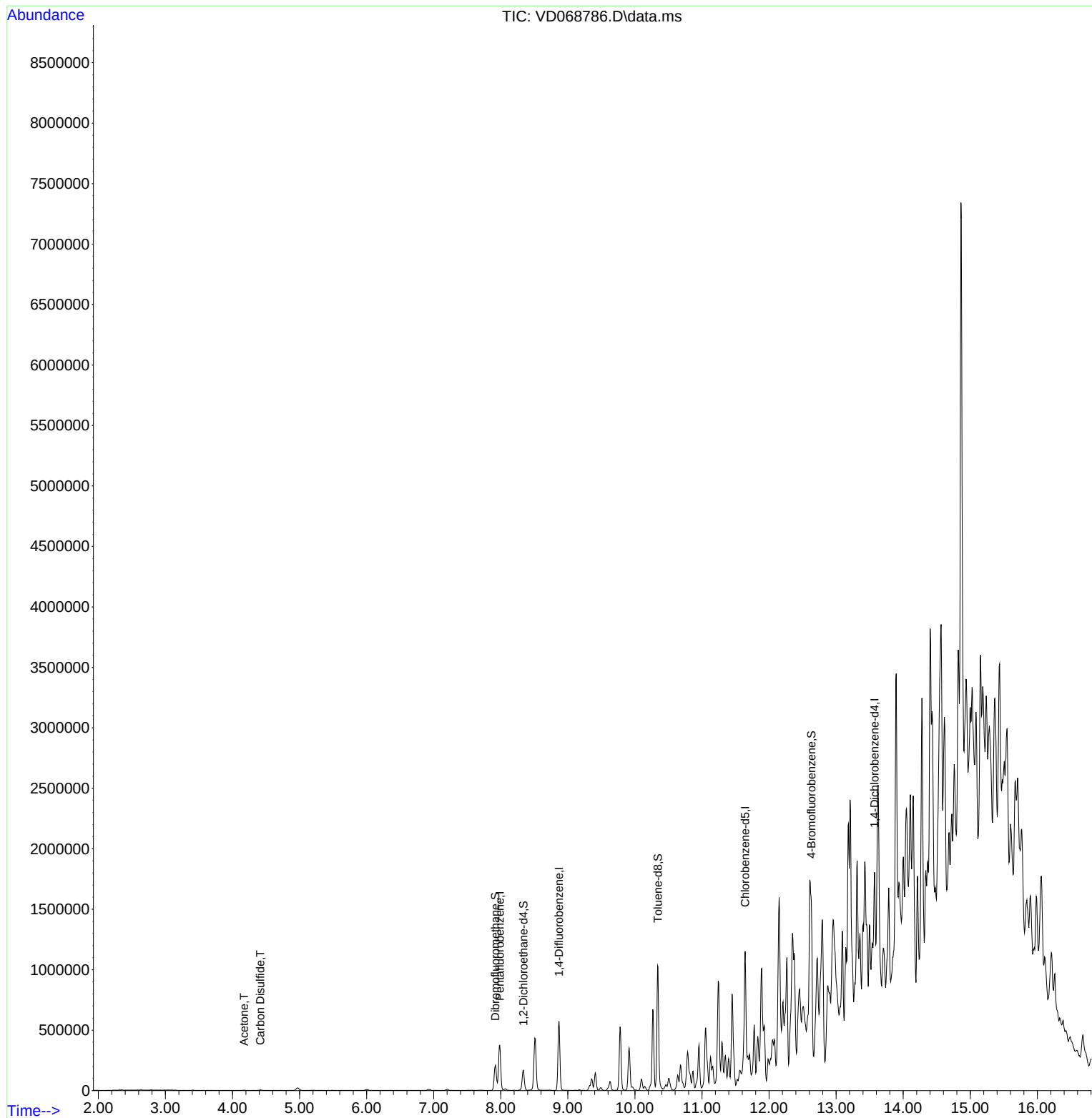
Internal Standards						
1) Pentafluorobenzene	7.985	168	284710	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	523319	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	552179	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	310735	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	131456	43.69	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.38%
35) Dibromofluoromethane	7.920	113	153028	44.96	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.92%
50) Toluene-d8	10.343	98	677483	52.76	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.52%
62) 4-Bromofluorobenzene	12.632	95	318539	74.69	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	149.38%#
Target Compounds						
					Qvalue	
16) Acetone	4.173	43	3810	9.14	ug/l #	73
17) Carbon Disulfide	4.414	76	9339	1.01	ug/l #	78

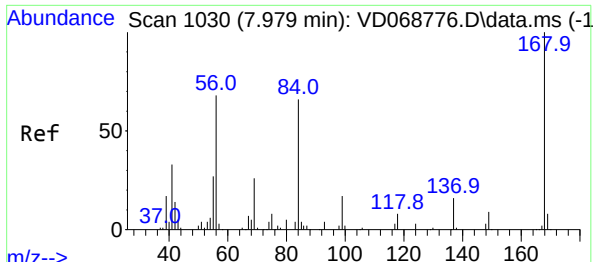
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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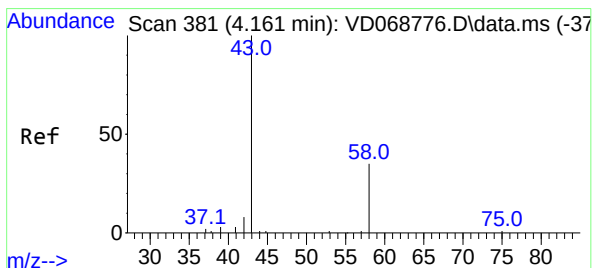
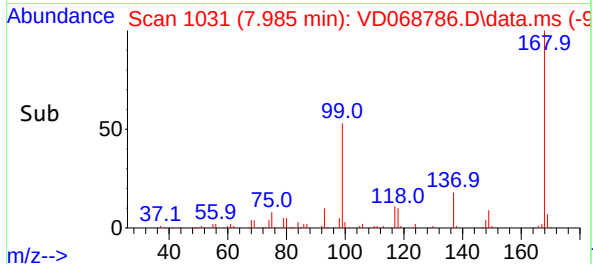
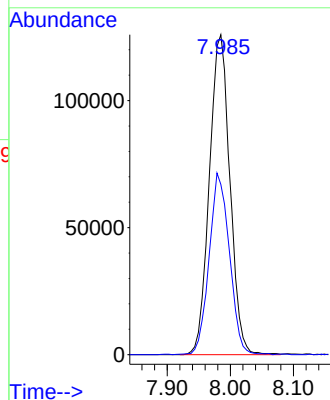
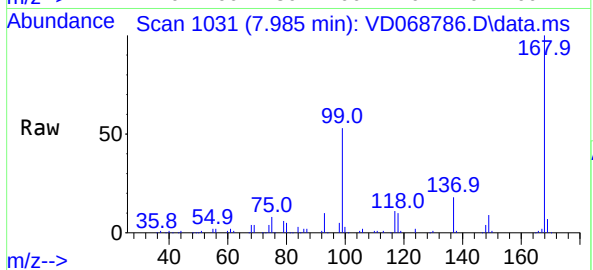




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068786.D
Acq: 08 Apr 2021 13:48

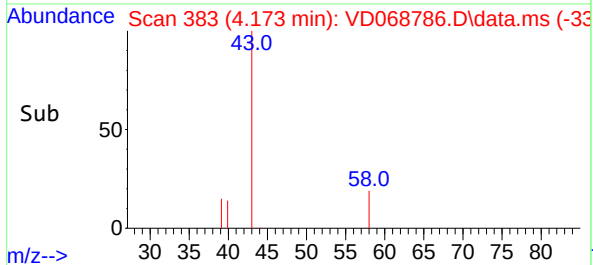
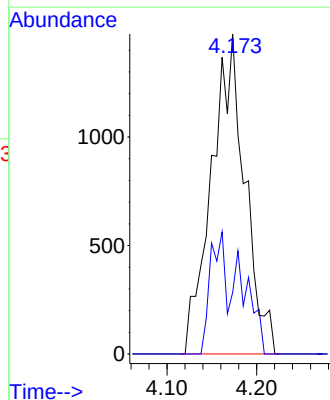
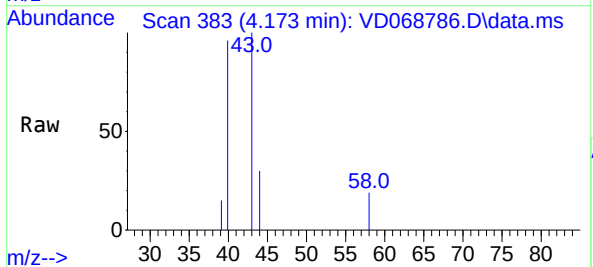
Instrument :
MSVOA_D
ClientSampled :
S-13

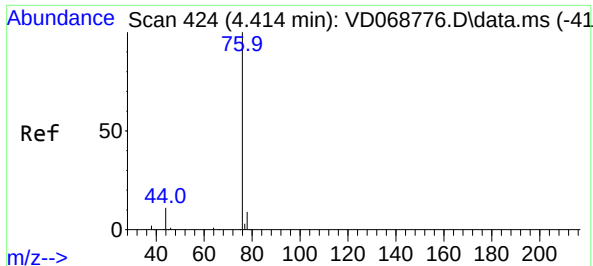
Tgt Ion:168 Resp: 284710
Ion Ratio Lower Upper
168 100
99 53.0 46.2 69.2



#16
Acetone
Concen: 9.14 ug/l
RT: 4.173 min Scan# 383
Delta R.T. 0.012 min
Lab File: VD068786.D
Acq: 08 Apr 2021 13:48

Tgt Ion: 43 Resp: 3810
Ion Ratio Lower Upper
43 100
58 19.3 28.0 42.0#

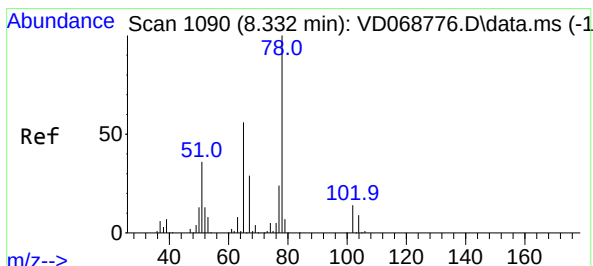
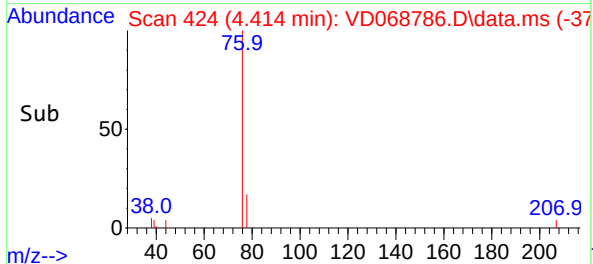
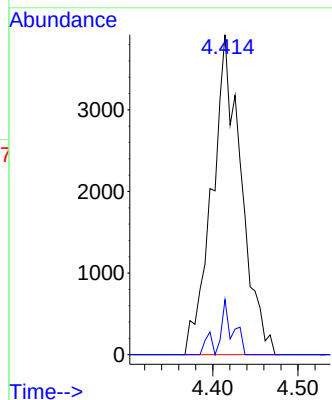
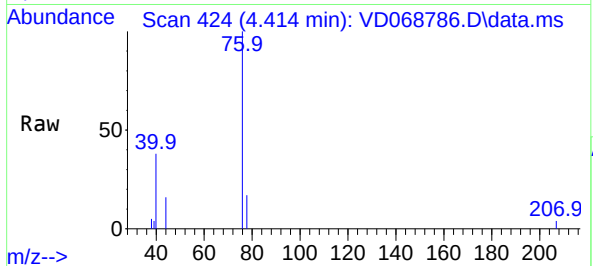




#17
Carbon Disulfide
Concen: 1.01 ug/l
RT: 4.414 min Scan# 424
Delta R.T. 0.000 min
Lab File: VD068786.D
Acq: 08 Apr 2021 13:48

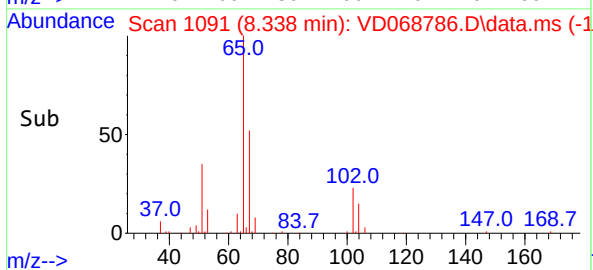
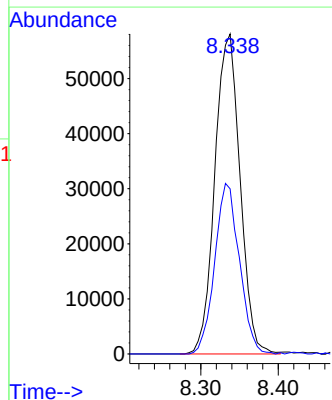
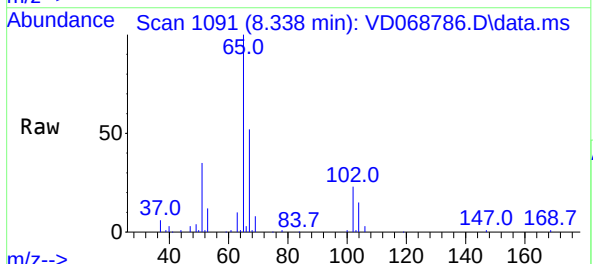
Instrument :
MSVOA_D
ClientSampled :
S-13

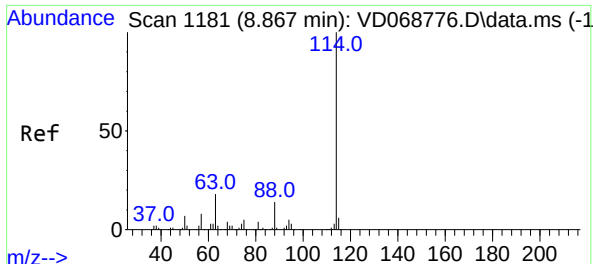
Tgt Ion: 76 Resp: 9339
Ion Ratio Lower Upper
76 100
78 17.2 7.3 10.9#



#33
1,2-Dichloroethane-d4
Concen: 43.69 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VD068786.D
Acq: 08 Apr 2021 13:48

Tgt Ion: 65 Resp: 131456
Ion Ratio Lower Upper
65 100
67 52.1 0.0 106.0



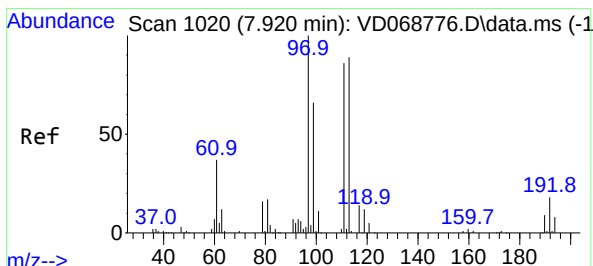
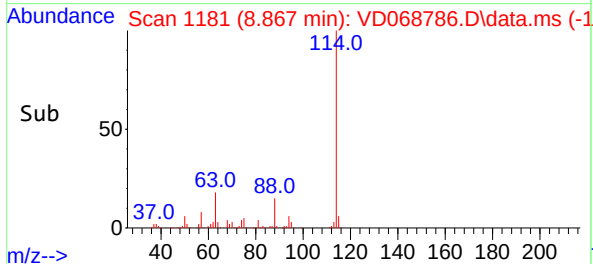
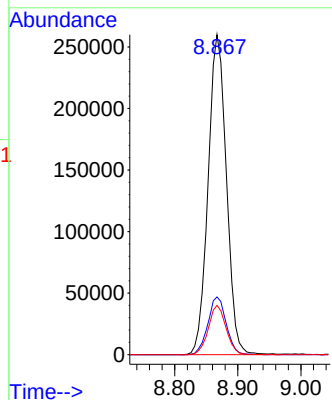
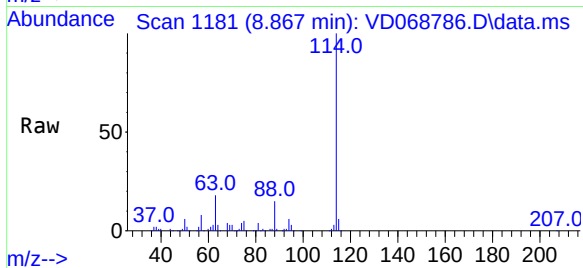


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068786.D
Acq: 08 Apr 2021 13:48

Instrument :
MSVOA_D
ClientSampled :
S-13

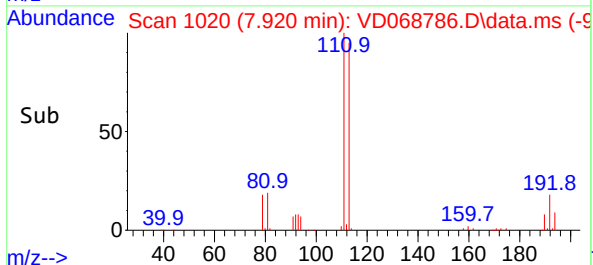
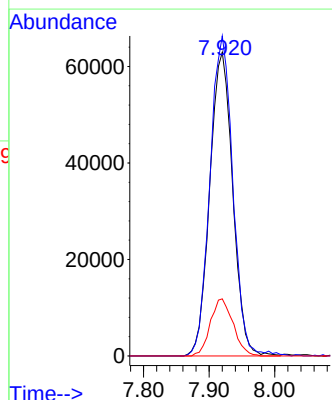
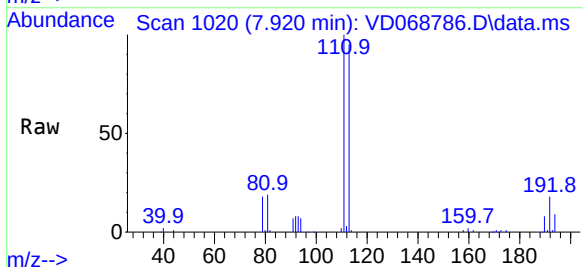
Tgt Ion:	114	Resp:	523319
Ion Ratio	Lower	Upper	
114	100		
63	18.1	0.0	38.2
88	15.4	0.0	29.4

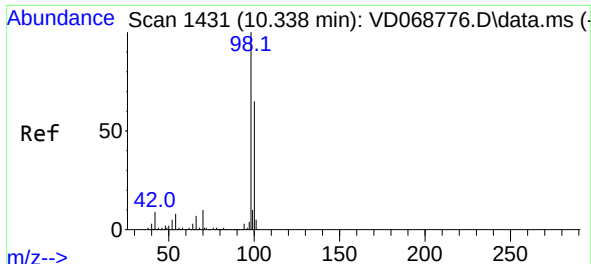


#35

Dibromofluoromethane
Concen: 44.96 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068786.D
Acq: 08 Apr 2021 13:48

Tgt Ion:	113	Resp:	153028
Ion Ratio	Lower	Upper	
113	100		
111	104.5	82.5	123.7
192	18.6	15.1	22.7

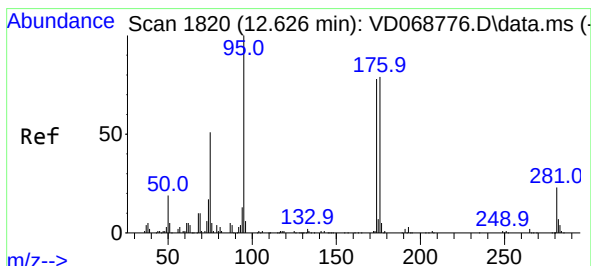
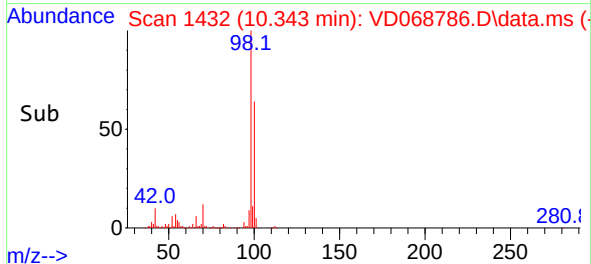
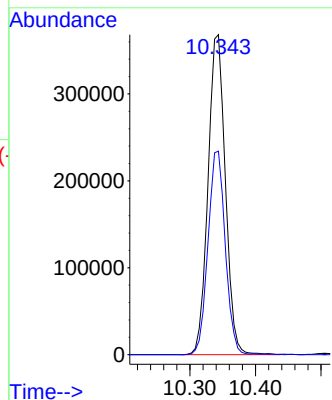
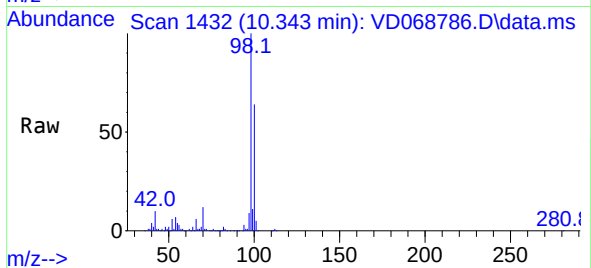




#50
Toluene-d8
Concen: 52.76 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. 0.005 min
Lab File: VD068786.D
Acq: 08 Apr 2021 13:48

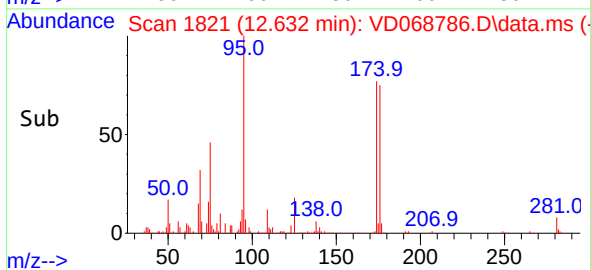
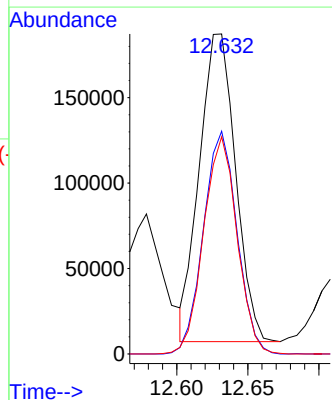
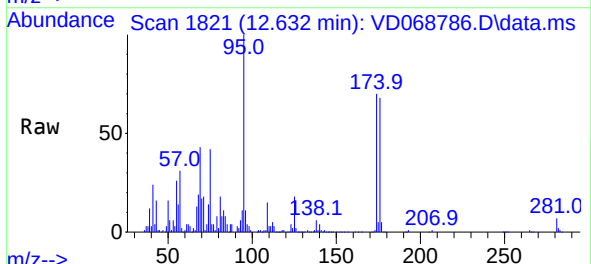
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S-13

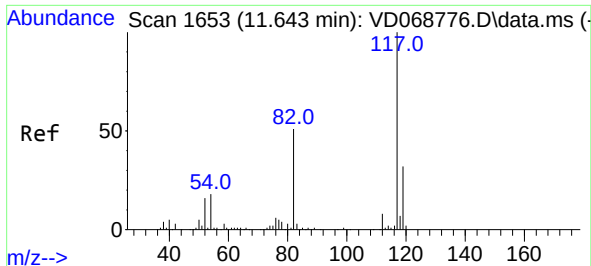
Tgt Ion: 98 Resp: 677483
Ion Ratio Lower Upper
98 100
100 63.4 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 74.69 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068786.D
Acq: 08 Apr 2021 13:48

Tgt Ion: 95 Resp: 318539
Ion Ratio Lower Upper
95 100
174 67.5 0.0 168.0
176 65.2 0.0 160.2

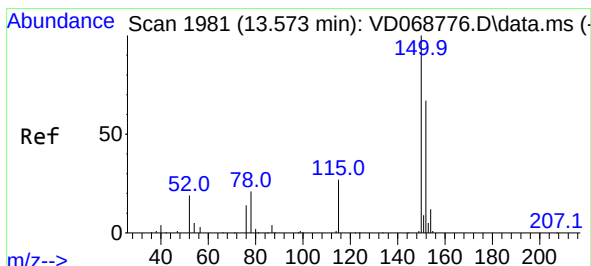
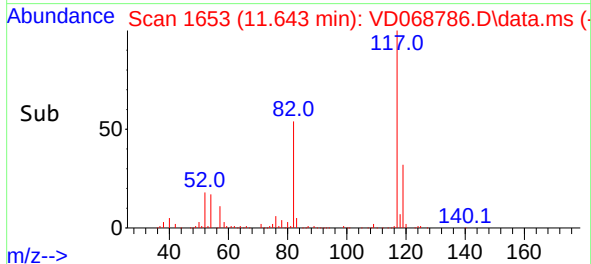
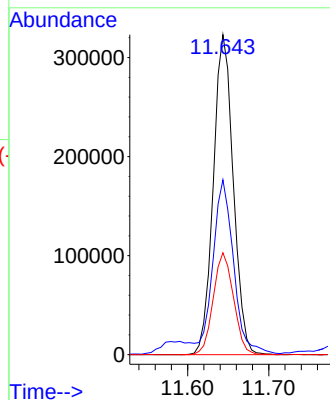
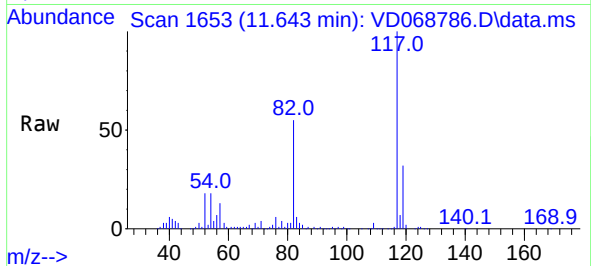




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068786.D
Acq: 08 Apr 2021 13:48

Instrument :
MSVOA_D
ClientSampled :
S-13

Tgt Ion:	117	Resp:	552179
Ion	Ratio	Lower	Upper
117	100		
82	54.3	43.5	65.3
119	31.9	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: VD068786.D
Acq: 08 Apr 2021 13:48

Tgt Ion:	152	Resp:	310735
Ion	Ratio	Lower	Upper
152	100		
115	52.3	29.3	87.8
150	140.0	0.0	347.6

