

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011921\
 Data File : VD068101.D
 Acq On : 19 Jan 2021 20:09
 Operator : VA/SY
 Sample : M1160-09
 Misc : 5.21G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BASIN-4

Quant Time: Jan 20 00:32:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

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

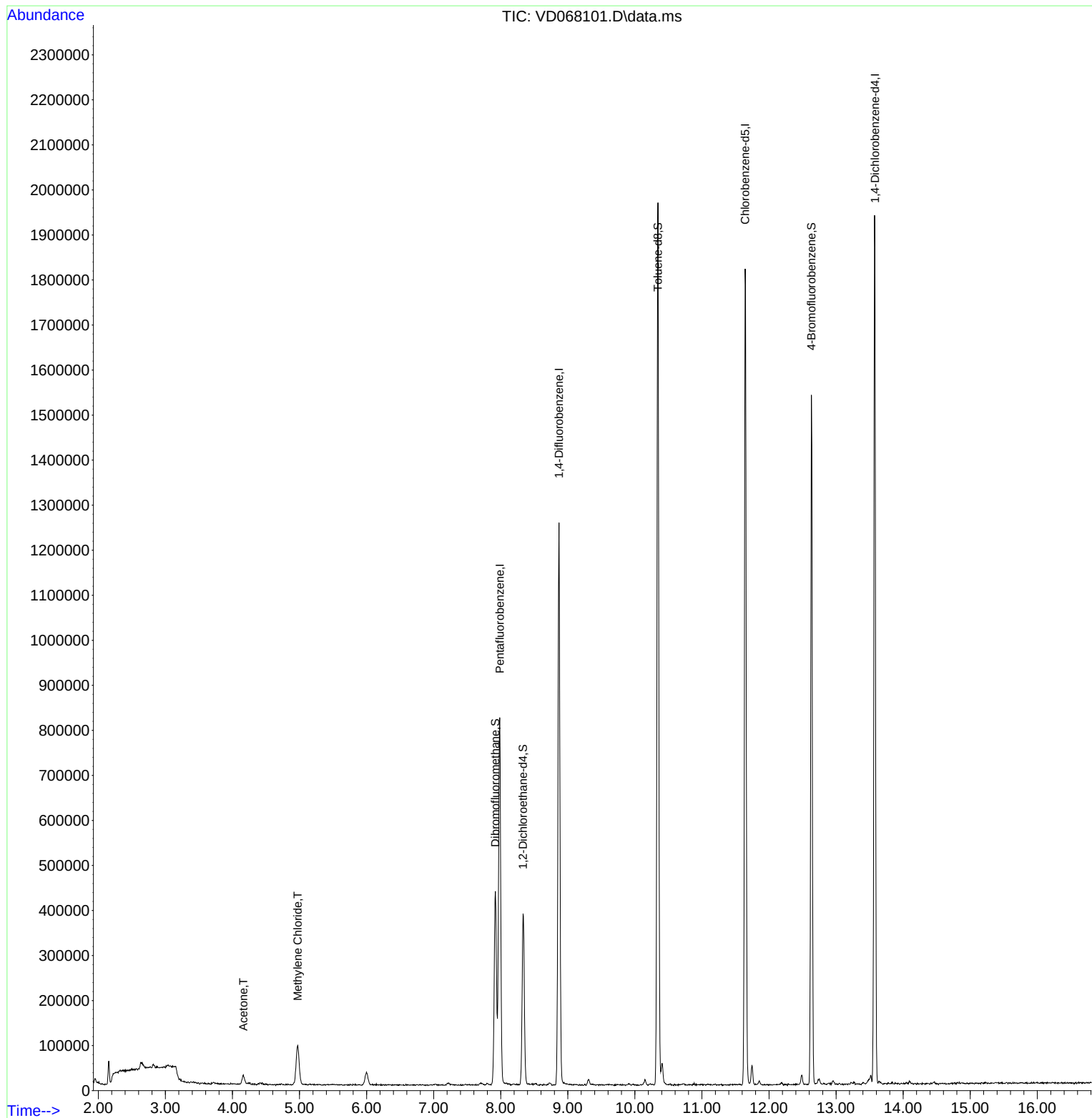
Internal Standards						
1) Pentafluorobenzene	7.985	168	613916	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	1085842	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	1090613	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	522400	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	317649	54.09	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.18%
35) Dibromofluoromethane	7.920	113	317194	52.84	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.68%
50) Toluene-d8	10.344	98	1381634	57.54	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	115.08%
62) 4-Bromofluorobenzene	12.632	95	540121	62.46	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	124.92%
Target Compounds						
16) Acetone	4.162	43	35389	33.75	ug/l	97
20) Methylene Chloride	4.973	84	73630	6.58	ug/l #	88

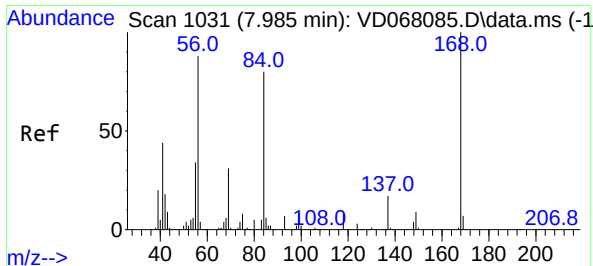
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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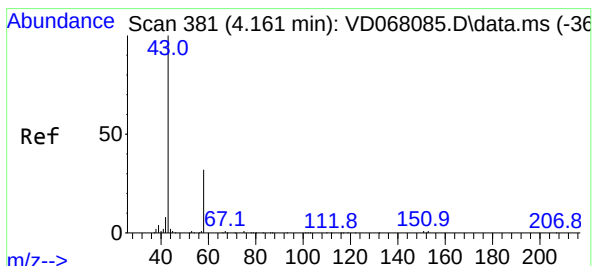
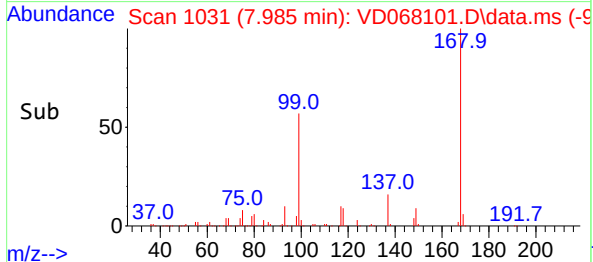
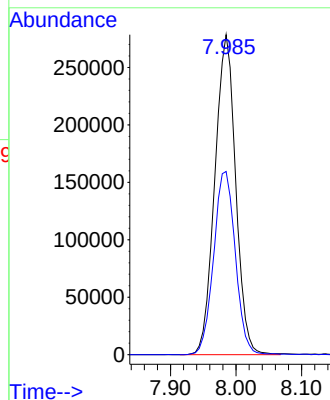
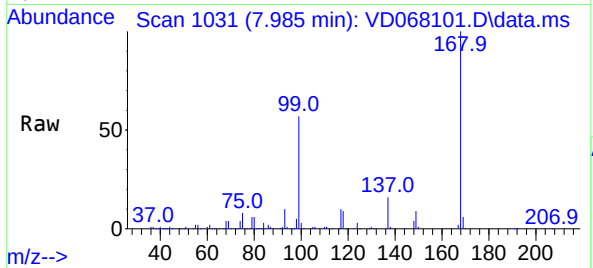




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068101.D
Acq: 19 Jan 2021 20:09

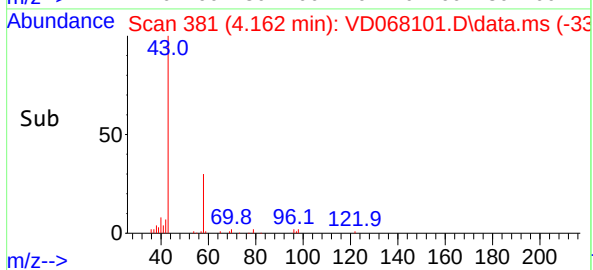
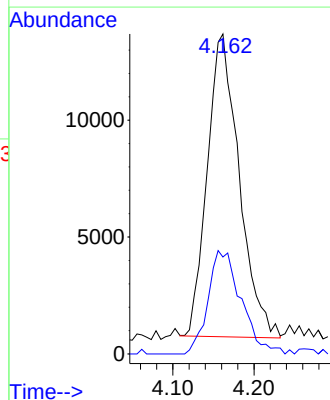
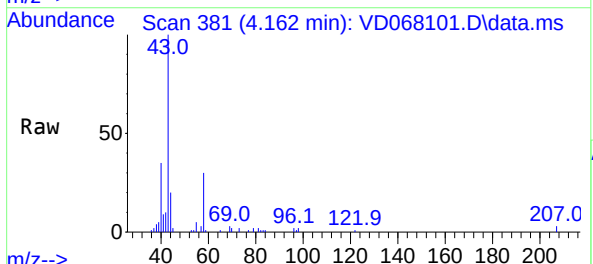
Instrument :
MSVOA_D
ClientSampled :
BASIN-4

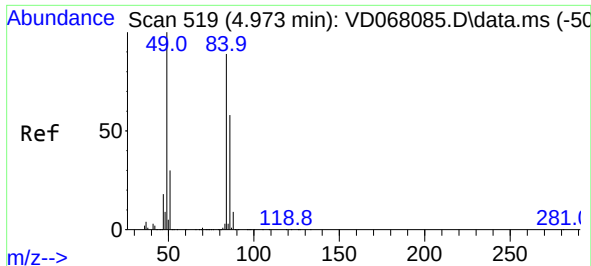
Tgt Ion:168 Resp: 613916
Ion Ratio Lower Upper
168 100
99 57.3 43.5 65.3



#16
Acetone
Concen: 33.75 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068101.D
Acq: 19 Jan 2021 20:09

Tgt Ion: 43 Resp: 35389
Ion Ratio Lower Upper
43 100
58 32.1 24.2 36.4



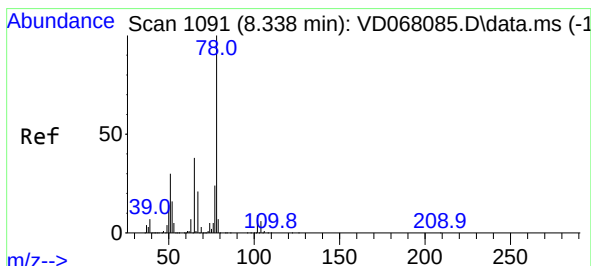
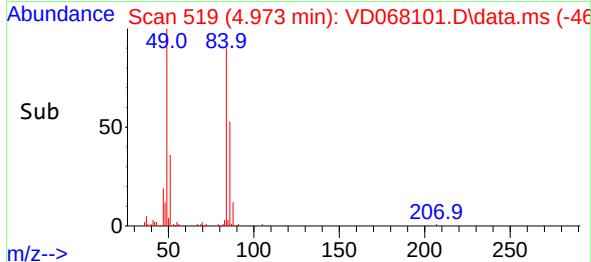
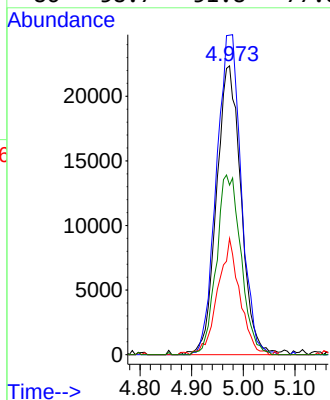
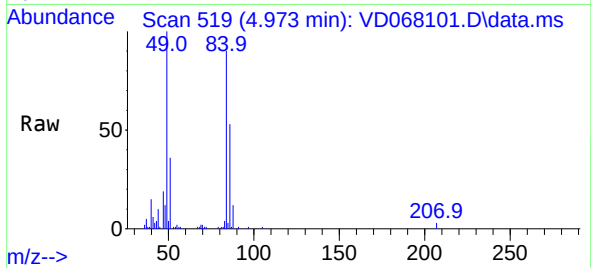


#20
Methylene Chloride
Concen: 6.58 ug/l
RT: 4.973 min Scan# 519
Delta R.T. 0.000 min
Lab File: VD068101.D
Acq: 19 Jan 2021 20:09

Instrument :
MSVOA_D
ClientSampleId :
BASIN-4

Tgt Ion: 84 Resp: 73630

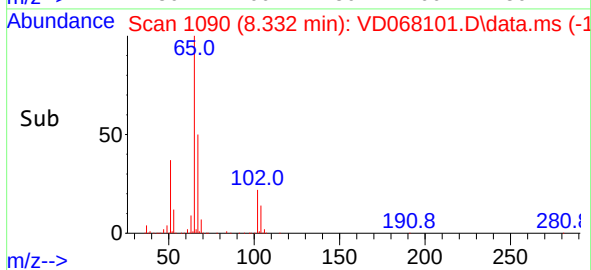
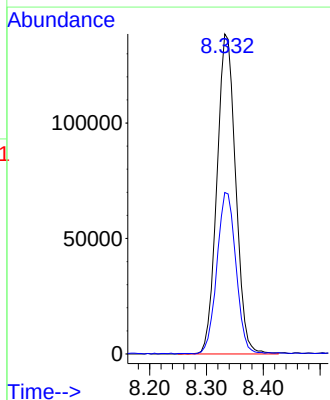
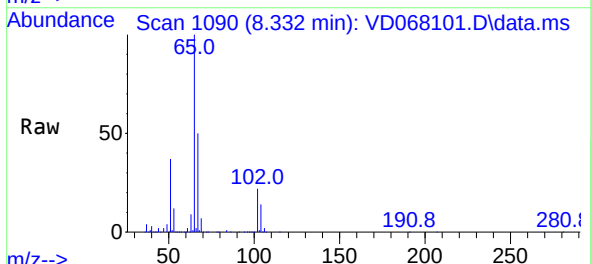
Ion	Ratio	Lower	Upper
84	100		
49	110.6	77.4	116.2
51	40.2	26.1	39.1#
86	58.7	51.8	77.8

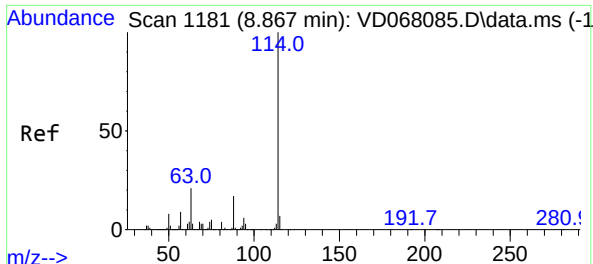


#33
1,2-Dichloroethane-d4
Concen: 54.09 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068101.D
Acq: 19 Jan 2021 20:09

Tgt Ion: 65 Resp: 317649

Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	105.0

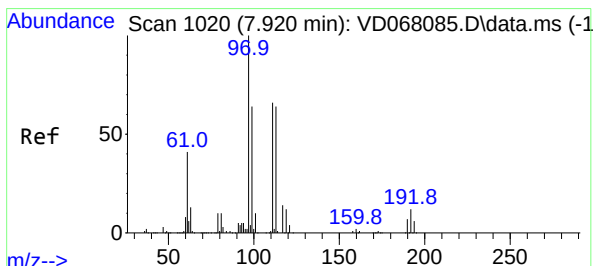
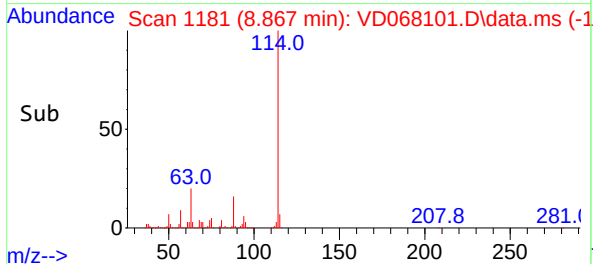
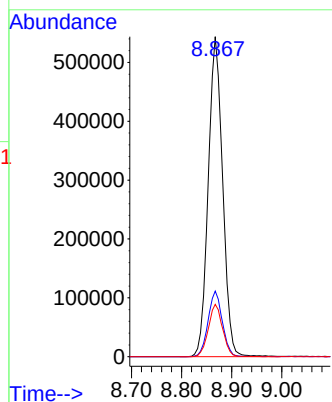
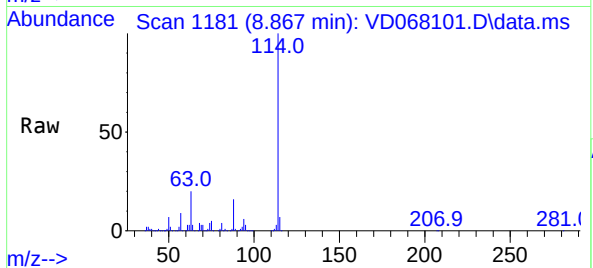




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068101.D
Acq: 19 Jan 2021 20:09

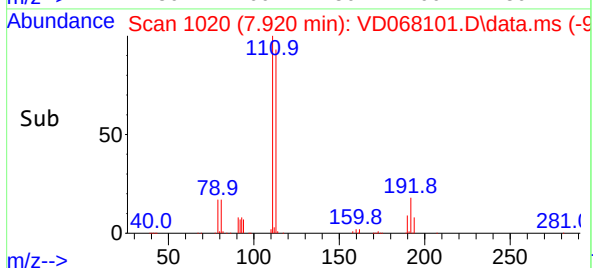
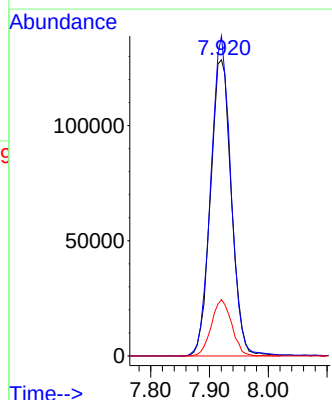
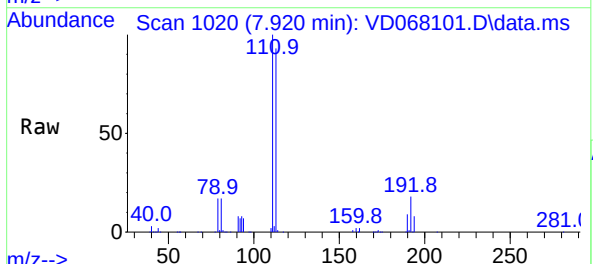
Instrument :
MSVOA_D
ClientSampleId :
BASIN-4

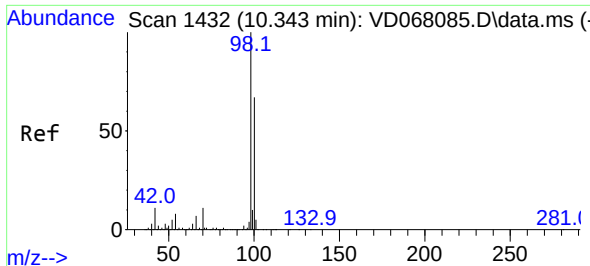
Tgt Ion:114 Resp: 1085842
Ion Ratio Lower Upper
114 100
63 20.5 0.0 34.8
88 16.4 0.0 31.6



#35
Dibromofluoromethane
Concen: 52.84 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068101.D
Acq: 19 Jan 2021 20:09

Tgt Ion:113 Resp: 317194
Ion Ratio Lower Upper
113 100
111 104.0 81.4 122.0
192 18.4 16.1 24.1

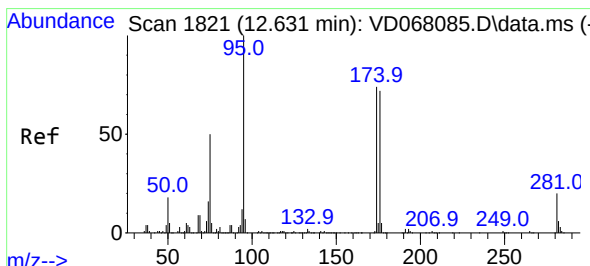
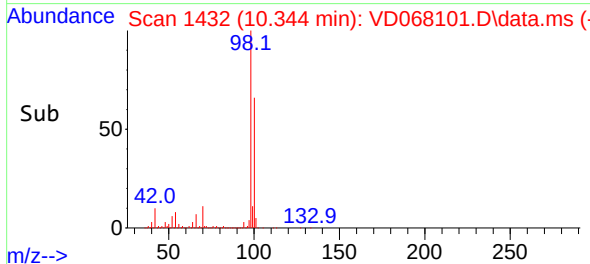
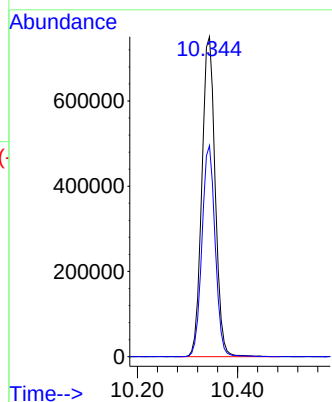
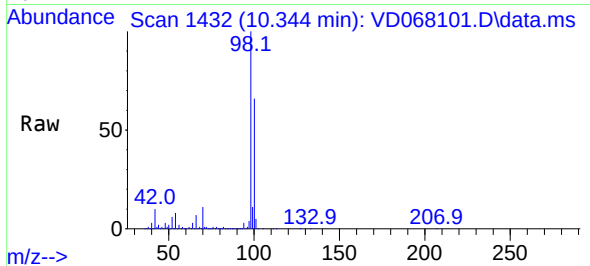




#50
Toluene-d8
Concen: 57.54 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068101.D
Acq: 19 Jan 2021 20:09

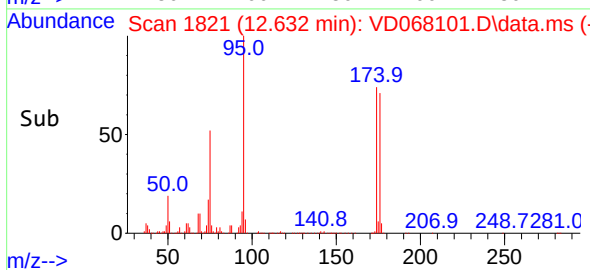
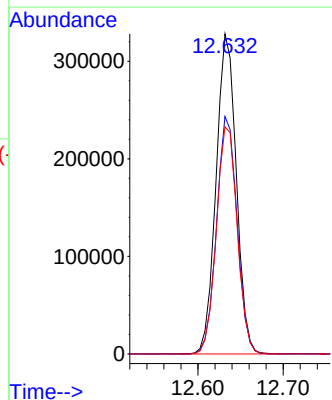
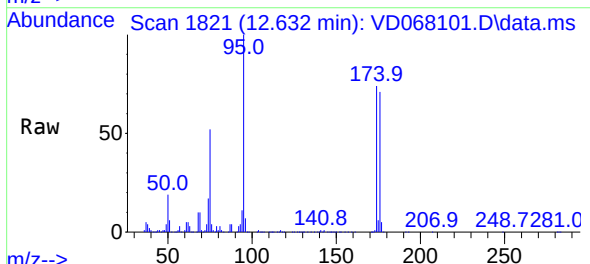
Instrument :
MSVOA_D
ClientSampleId :
BASIN-4

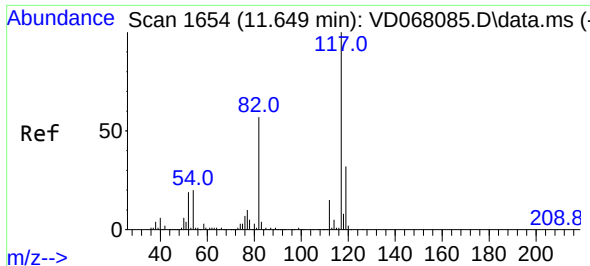
Tgt Ion: 98 Resp: 1381634
Ion Ratio Lower Upper
98 100
100 65.6 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 62.46 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068101.D
Acq: 19 Jan 2021 20:09

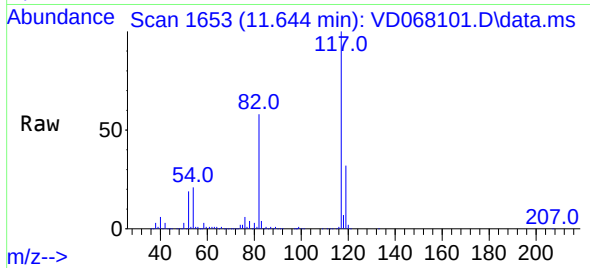
Tgt Ion: 95 Resp: 540121
Ion Ratio Lower Upper
95 100
174 75.2 0.0 172.4
176 73.2 0.0 168.4





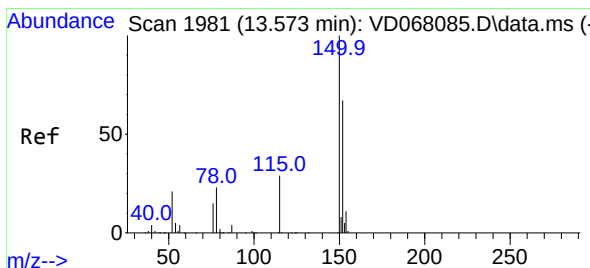
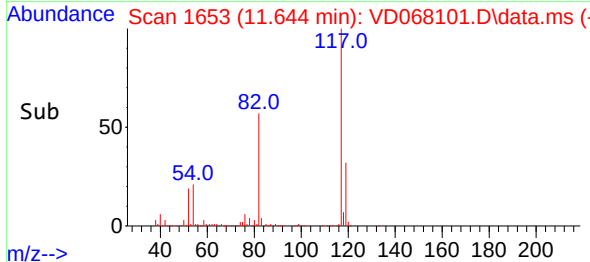
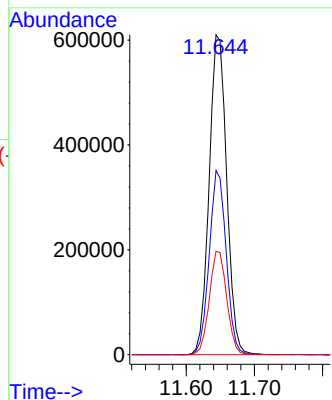
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.005 min
Lab File: VD068101.D
Acq: 19 Jan 2021 20:09

Instrument :
MSVOA_D
ClientSampleId :
BASIN-4



Tgt Ion:117 Resp: 1090613

Ion	Ratio	Lower	Upper
117	100		
82	57.5	41.4	62.0
119	32.4	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.006 min
Lab File: VD068101.D
Acq: 19 Jan 2021 20:09

Tgt Ion:152 Resp: 522400

Ion	Ratio	Lower	Upper
152	100		
115	60.6	28.9	86.8
150	156.7	0.0	344.4

