

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070821\
 Data File : VD069630.D
 Acq On : 08 Jul 2021 15:38
 Operator : VA/SY
 Sample : M2967-12
 Misc : 4.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CADMUS-AVE-5-FEET

Quant Time: Jul 09 01:03:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062121S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 22 04:33:24 2021
 Response via : Initial Calibration

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

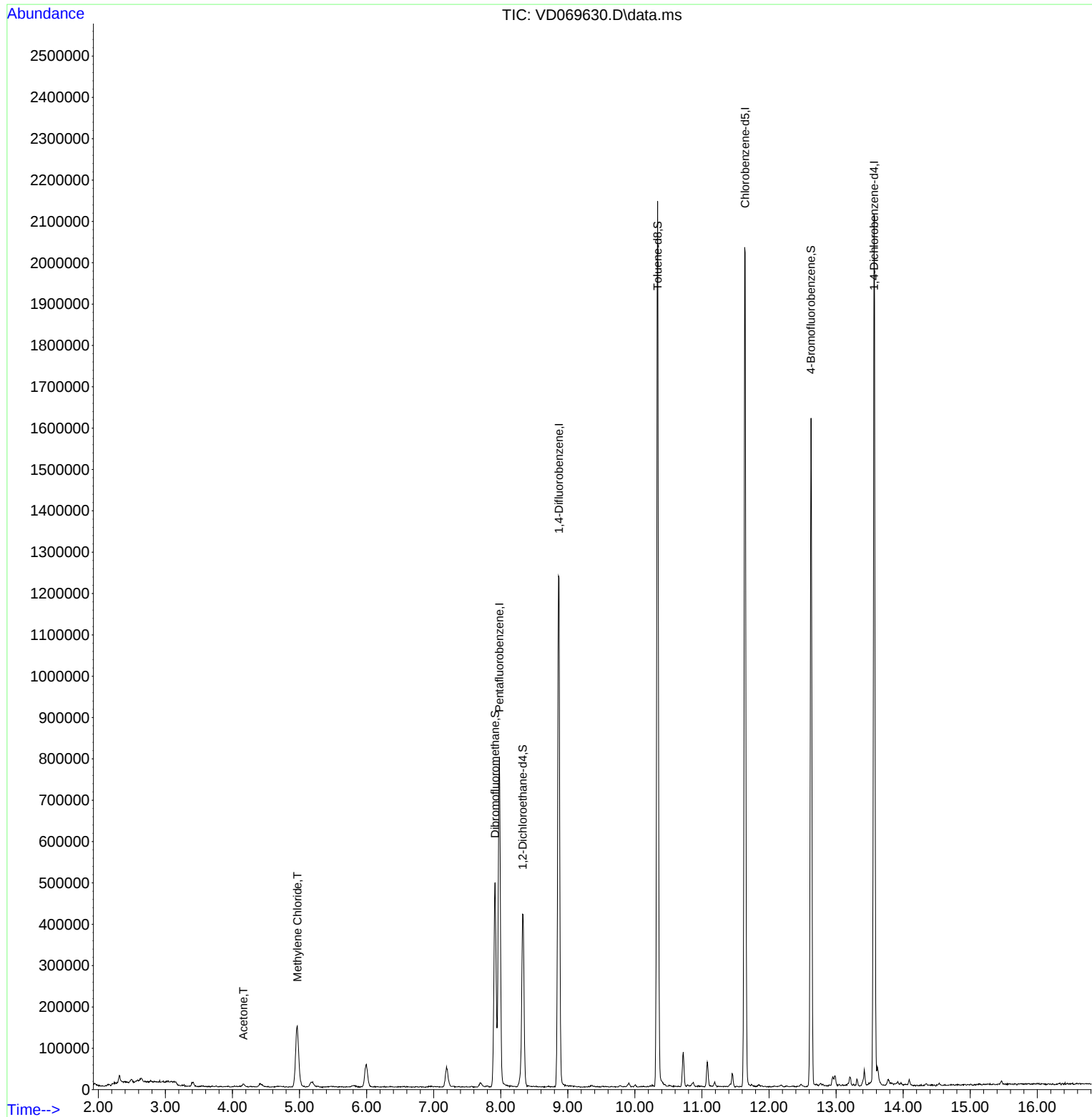
Internal Standards						
1) Pentafluorobenzene	7.979	168	563518	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	1078685	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	1178163	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	538314	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	349700	49.785	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.580%
35) Dibromofluoromethane	7.914	113	353470	48.476	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.960%
50) Toluene-d8	10.338	98	1415659	51.760	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.520%
62) 4-Bromofluorobenzene	12.626	95	538814	59.924	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	119.840%
Target Compounds						
					Qvalue	
16) Acetone	4.162	43	11940	10.099	ug/l	93
20) Methylene Chloride	4.968	84	117145	10.529	ug/l	95

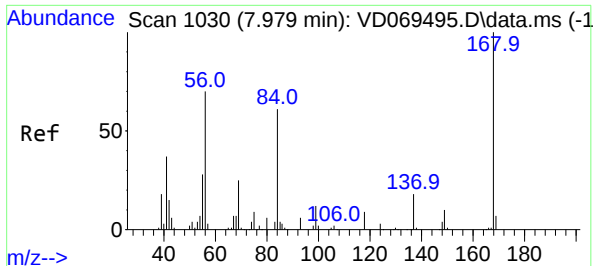
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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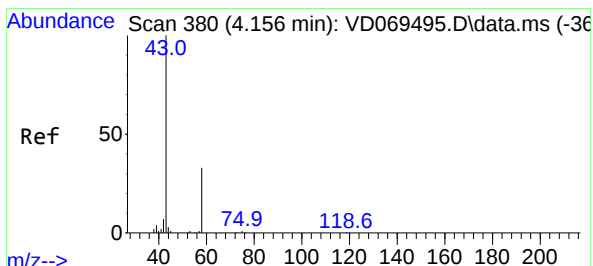
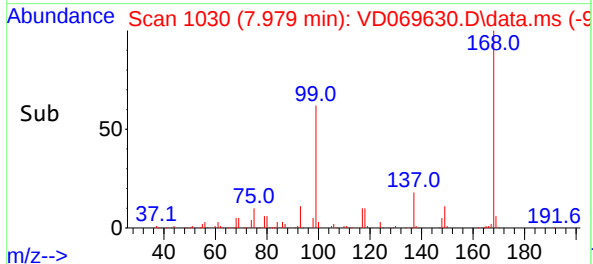
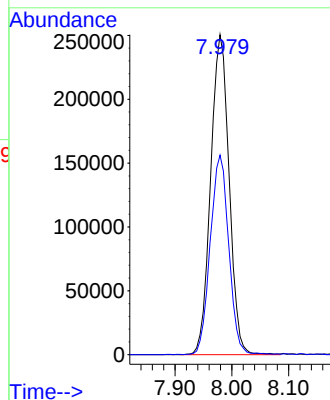
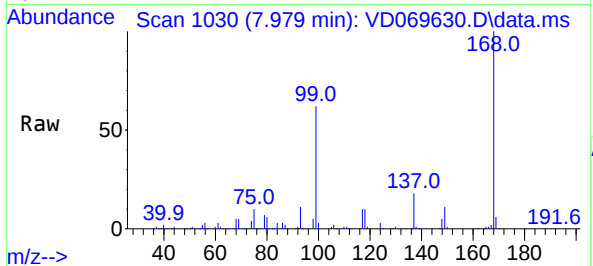




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069630.D
Acq: 08 Jul 2021 15:38

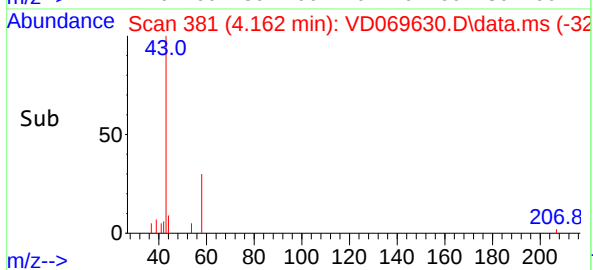
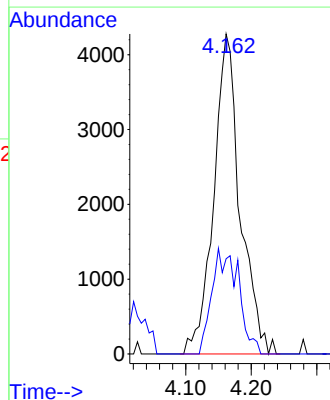
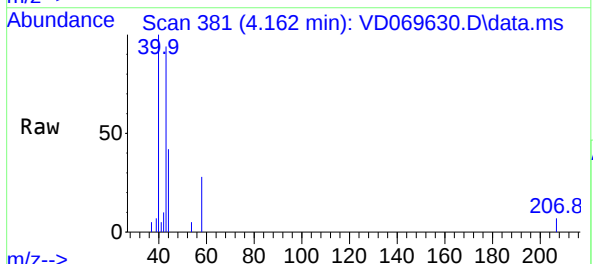
Instrument :
MSVOA_D
ClientSampleId :
CADMUS-AVE-5-FEET

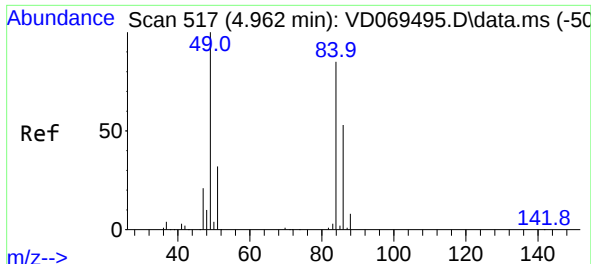
Tgt Ion:168 Resp: 563518
Ion Ratio Lower Upper
168 100
99 62.3 49.3 73.9



#16
Acetone
Concen: 10.099 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD069630.D
Acq: 08 Jul 2021 15:38

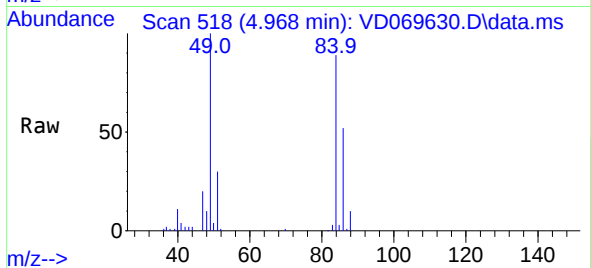
Tgt Ion: 43 Resp: 11940
Ion Ratio Lower Upper
43 100
58 29.8 26.8 40.2



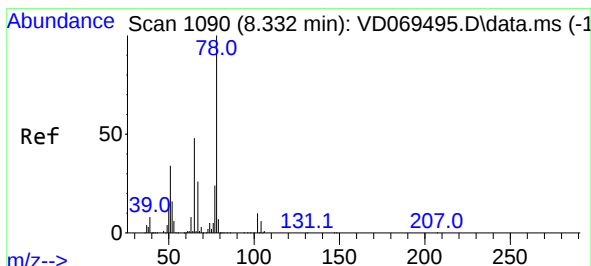
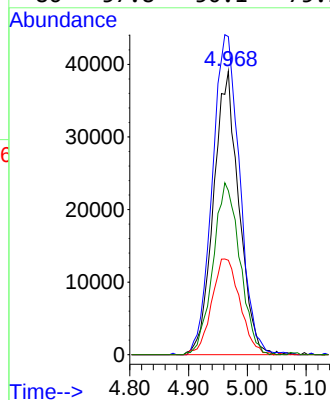
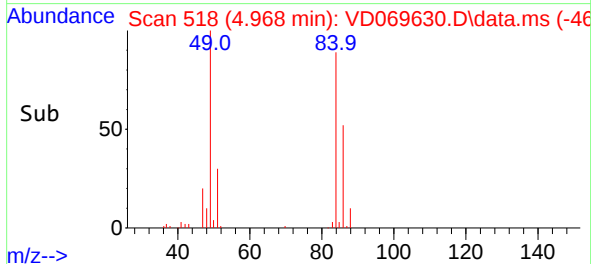


#20
Methylene Chloride
Concen: 10.529 ug/l
RT: 4.968 min Scan# 518
Delta R.T. 0.006 min
Lab File: VD069630.D
Acq: 08 Jul 2021 15:38

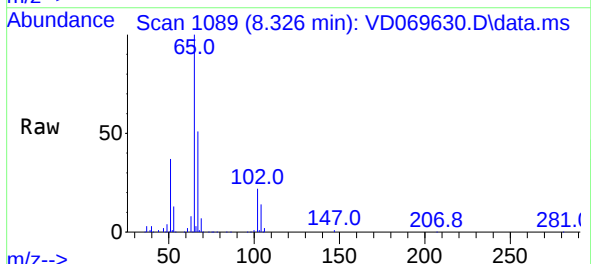
Instrument :
MSVOA_D
ClientSampleId :
CADMUS-AVE-5-FEET



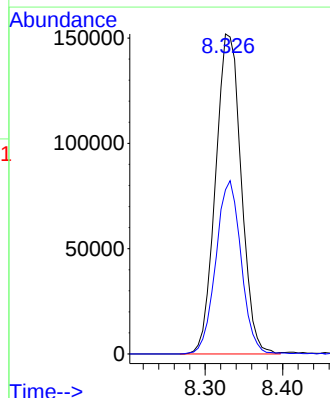
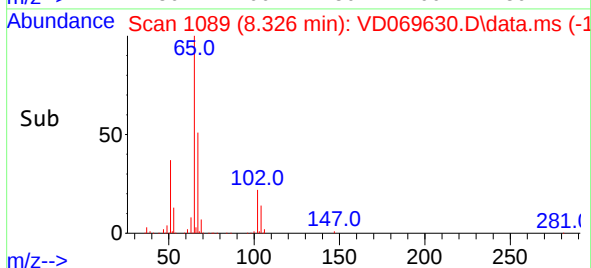
Tgt Ion: 84 Resp: 117145
Ion Ratio Lower Upper
84 100
49 112.2 94.0 141.0
51 33.3 29.7 44.5
86 57.8 50.1 75.1

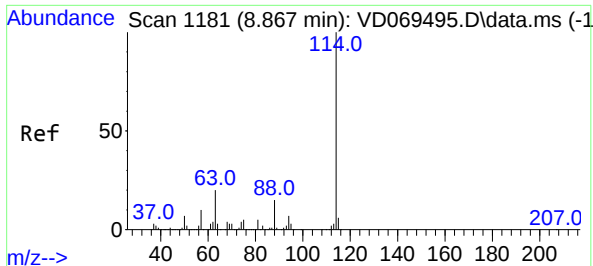


#33
1,2-Dichloroethane-d4
Concen: 49.785 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD069630.D
Acq: 08 Jul 2021 15:38



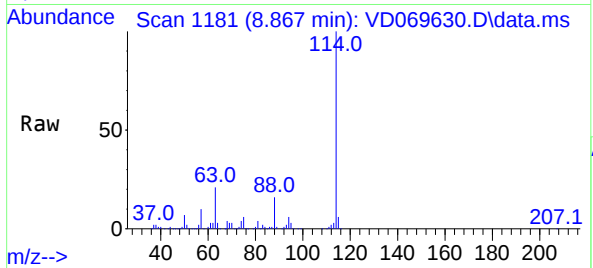
Tgt Ion: 65 Resp: 349700
Ion Ratio Lower Upper
65 100
67 53.4 0.0 105.6





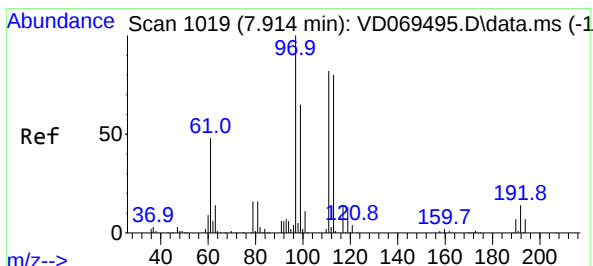
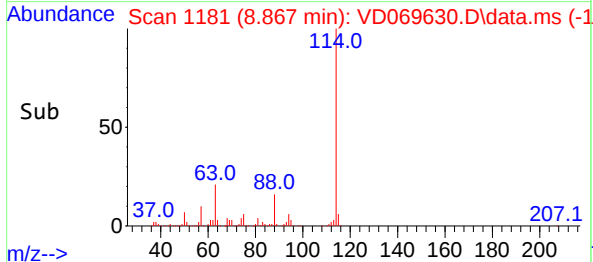
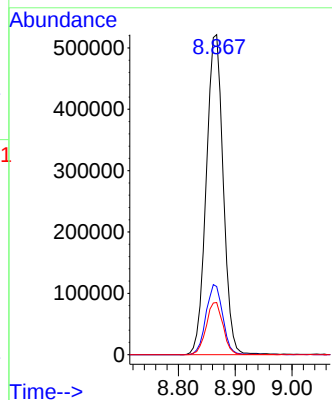
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069630.D
Acq: 08 Jul 2021 15:38

Instrument :
MSVOA_D
ClientSampleId :
CADMUS-AVE-5-FEET



Tgt Ion:114 Resp: 1078685

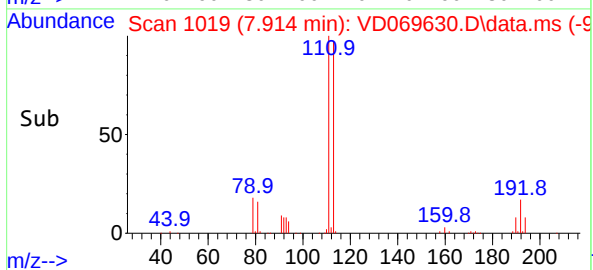
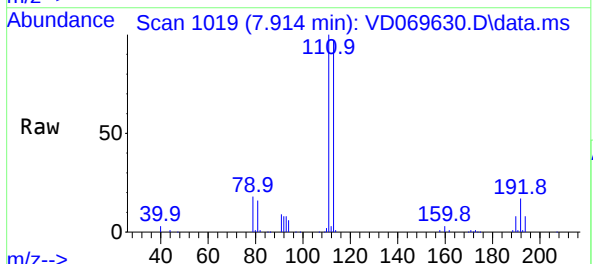
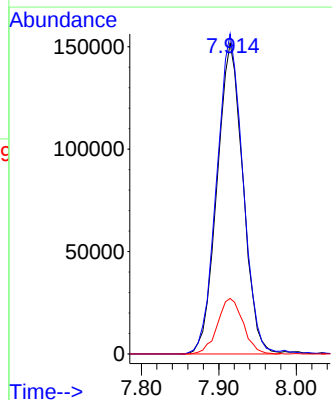
Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	39.6
88	16.3	0.0	29.8

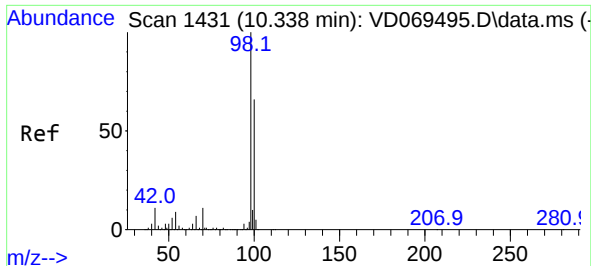


#35
Dibromofluoromethane
Concen: 48.476 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069630.D
Acq: 08 Jul 2021 15:38

Tgt Ion:113 Resp: 353470

Ion	Ratio	Lower	Upper
113	100		
111	104.4	81.8	122.8
192	17.6	13.8	20.6

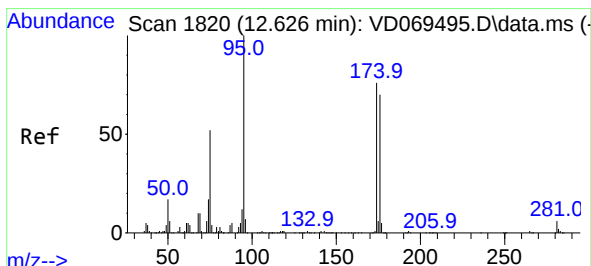
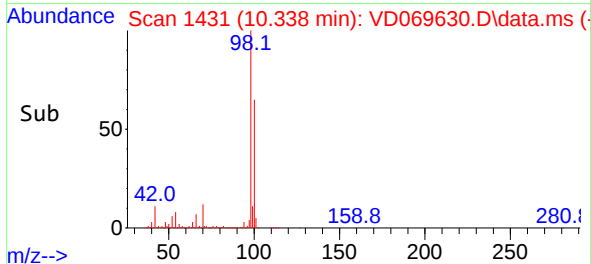
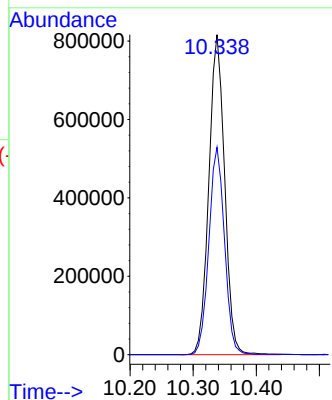
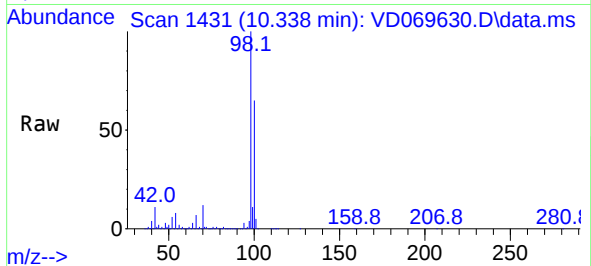




#50
Toluene-d8
Concen: 51.760 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD069630.D
Acq: 08 Jul 2021 15:38

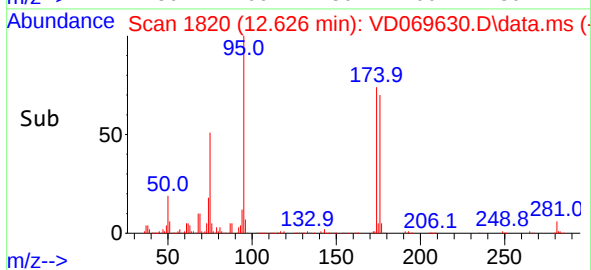
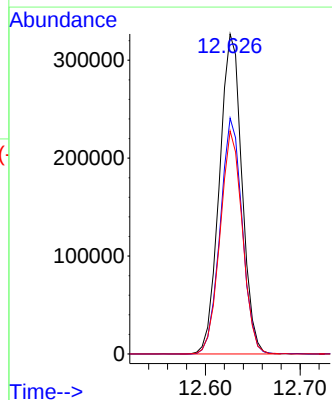
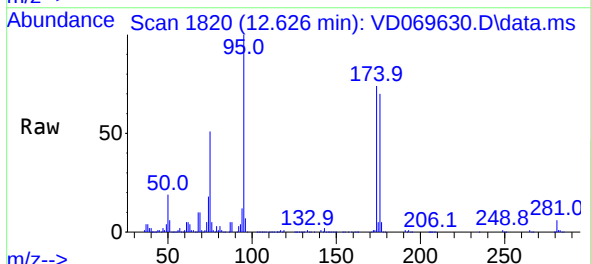
Instrument :
MSVOA_D
ClientSampleId :
CADMUS-AVE-5-FEET

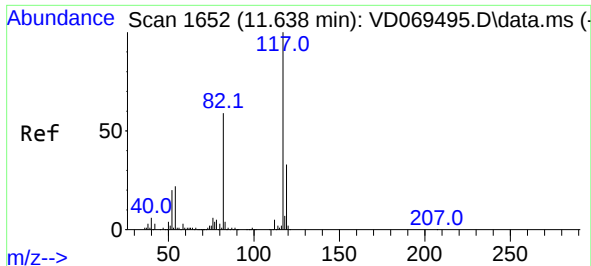
Tgt Ion: 98 Resp: 1415659
Ion Ratio Lower Upper
98 100
100 64.3 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 59.924 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD069630.D
Acq: 08 Jul 2021 15:38

Tgt Ion: 95 Resp: 538814
Ion Ratio Lower Upper
95 100
174 72.3 0.0 148.0
176 68.9 0.0 139.8



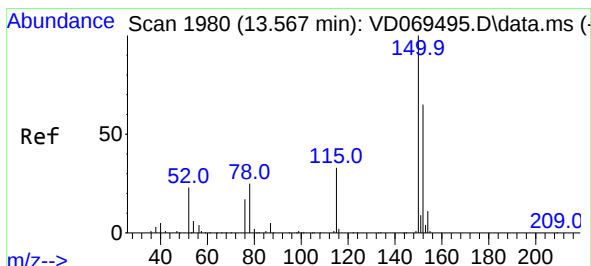
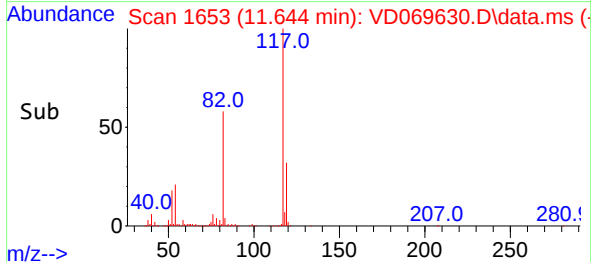
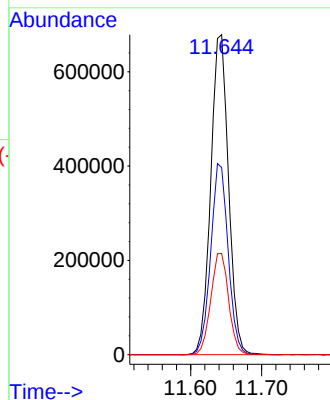
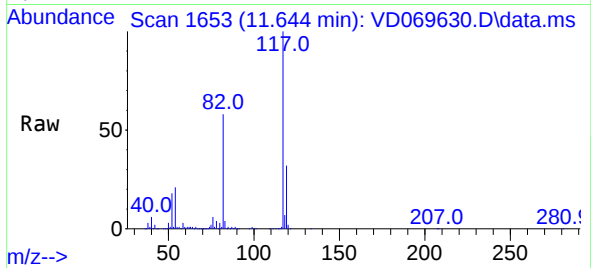


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.006 min
Lab File: VD069630.D
Acq: 08 Jul 2021 15:38

Instrument :
MSVOA_D
ClientSampleId :
CADMUS-AVE-5-FEET

Tgt Ion:117 Resp: 1178163

Ion	Ratio	Lower	Upper
117	100		
82	58.5	46.8	70.2
119	31.6	26.2	39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD069630.D
Acq: 08 Jul 2021 15:38

Tgt Ion:152 Resp: 538314

Ion	Ratio	Lower	Upper
152	100		
115	62.5	31.7	95.1
150	158.3	0.0	350.8

