

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072721\
 Data File : VD069875.D
 Acq On : 27 Jul 2021 19:17
 Operator : VA/SY
 Sample : M3200-04
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GS-2A

Quant Time: Jul 28 04:01:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 04:51:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	97821	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	171070	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	173672	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	70436	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	84972	75.529	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	151.060%
35) Dibromofluoromethane	7.914	113	64052	59.394	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	118.780%
50) Toluene-d8	10.338	98	221397	53.242	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.480%
62) 4-Bromofluorobenzene	12.626	95	69728	50.174	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.340%

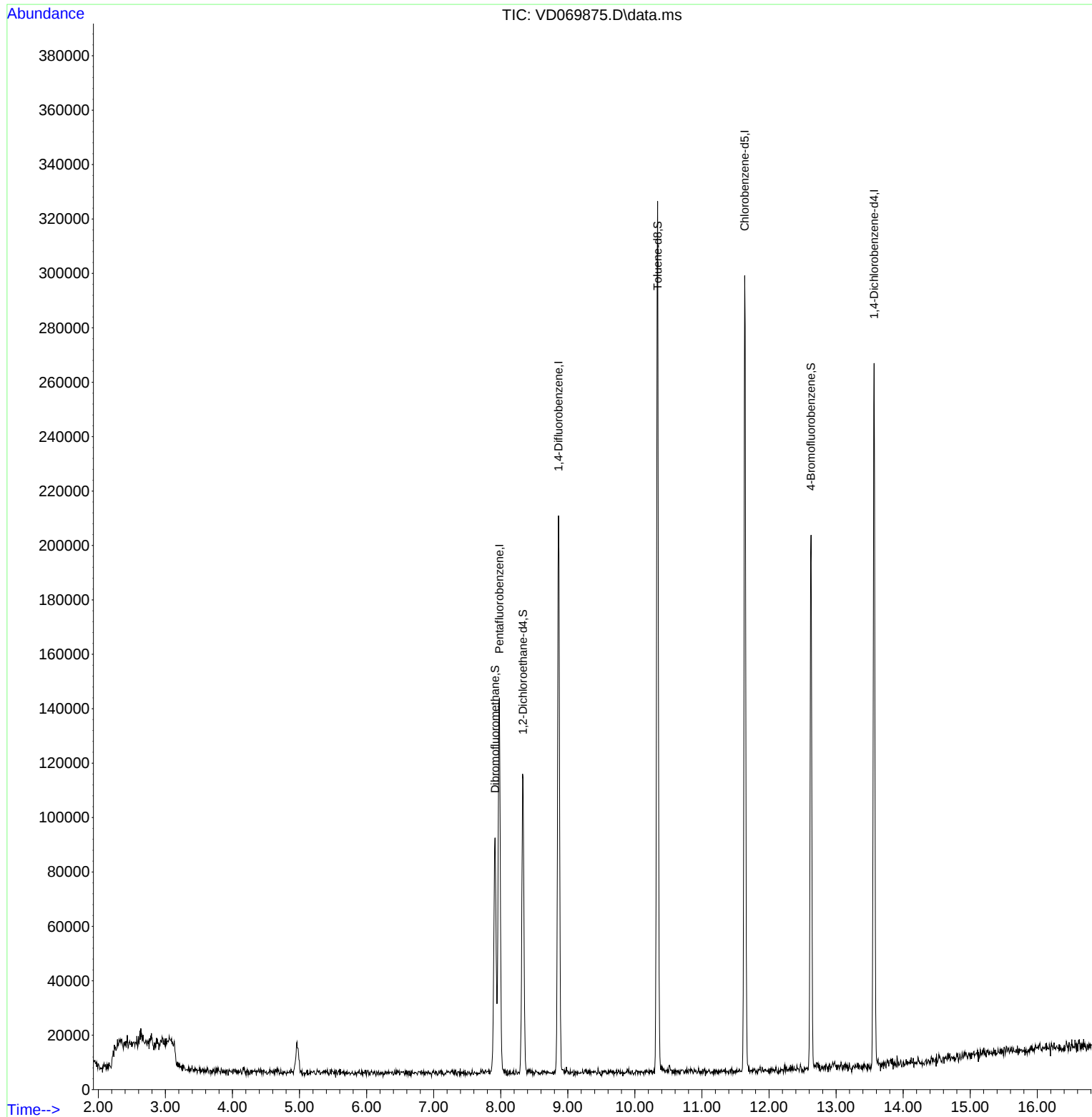
Target Compounds	Qvalue

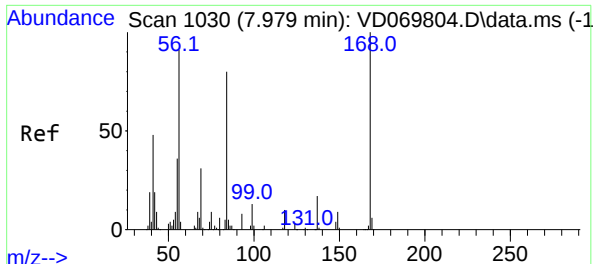
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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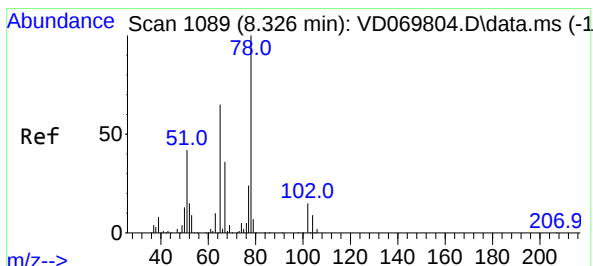
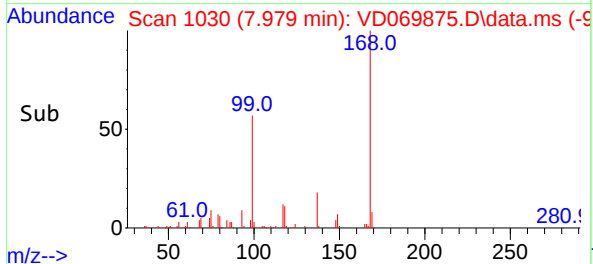
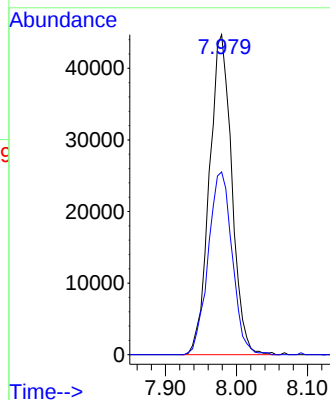
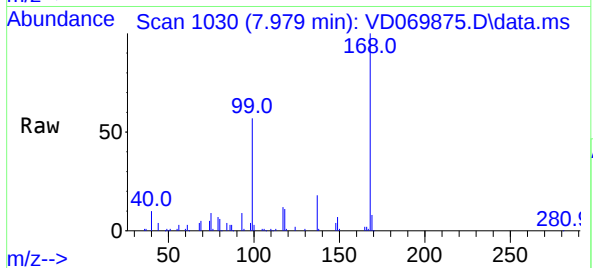




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069875.D
Acq: 27 Jul 2021 19:17

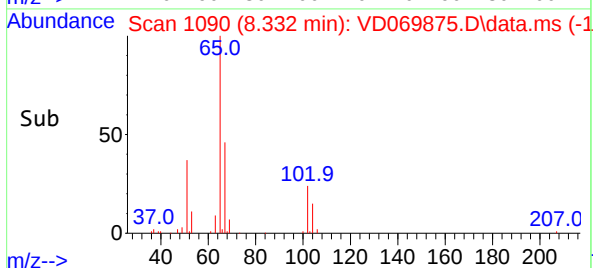
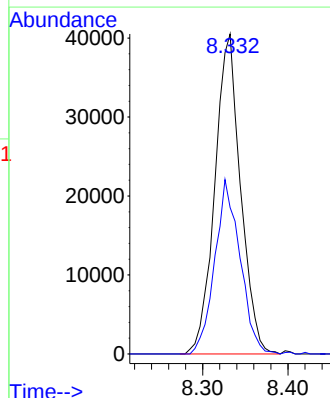
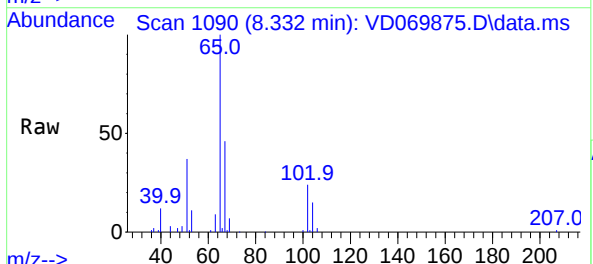
Instrument :
MSVOA_D
ClientSampleId :
GS-2A

Tgt Ion:168 Resp: 97821
Ion Ratio Lower Upper
168 100
99 57.1 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 75.529 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD069875.D
Acq: 27 Jul 2021 19:17

Tgt Ion: 65 Resp: 84972
Ion Ratio Lower Upper
65 100
67 53.5 0.0 111.2

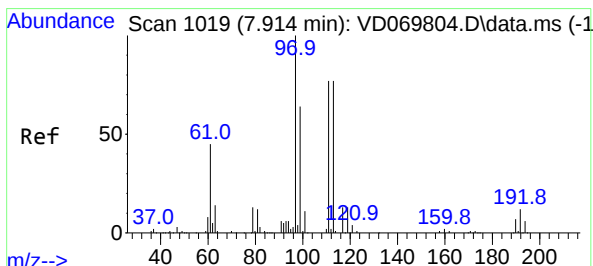
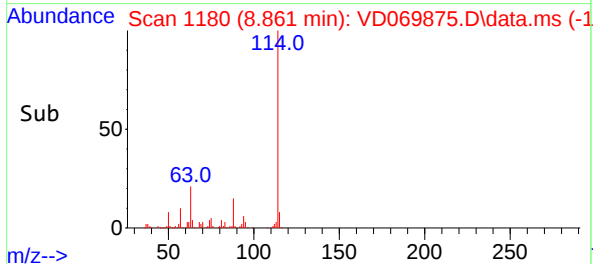
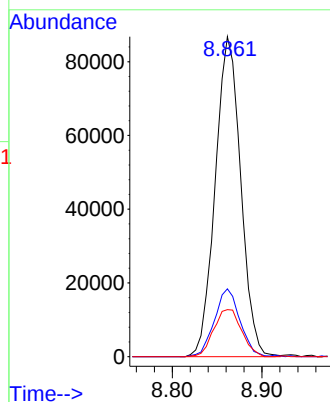
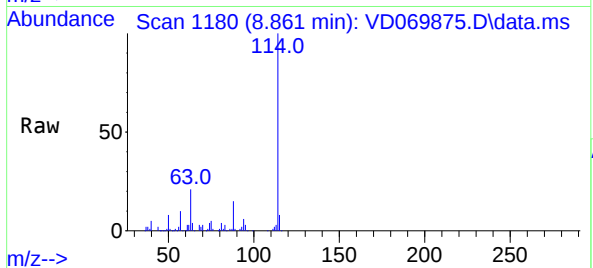




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069875.D
Acq: 27 Jul 2021 19:17

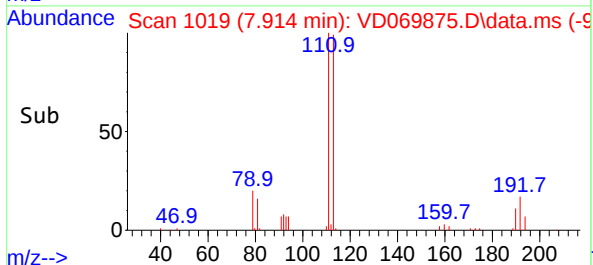
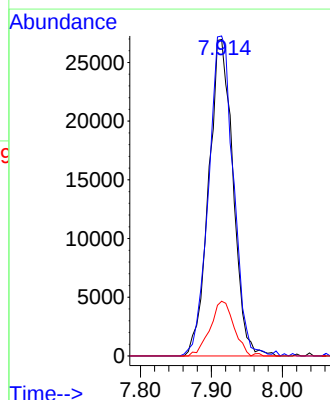
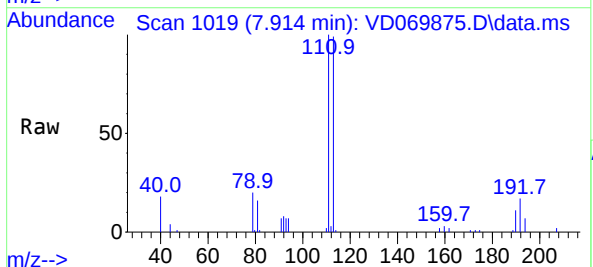
Instrument :
MSVOA_D
ClientSampleId :
GS-2A

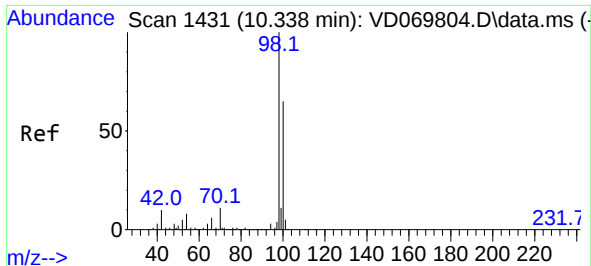
Tgt Ion:	114	Resp:	171070
Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	41.6
88	14.7	0.0	31.4



#35
Dibromofluoromethane
Concen: 59.394 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069875.D
Acq: 27 Jul 2021 19:17

Tgt Ion:	113	Resp:	64052
Ion	Ratio	Lower	Upper
113	100		
111	103.4	80.5	120.7
192	17.0	12.6	19.0

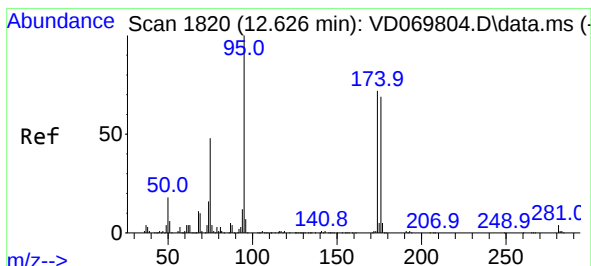
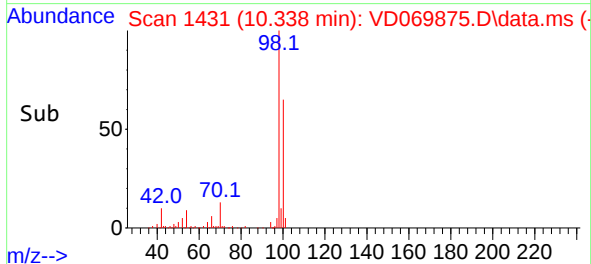
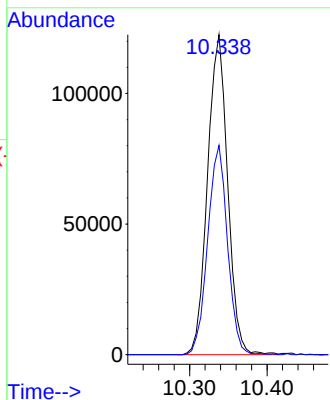
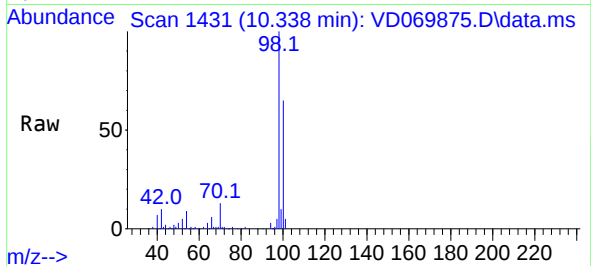




#50
Toluene-d8
Concen: 53.242 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069875.D
Acq: 27 Jul 2021 19:17

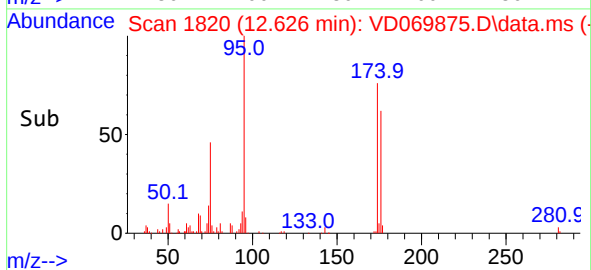
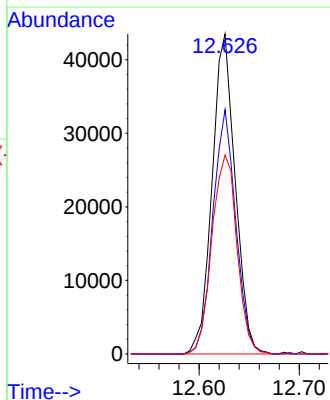
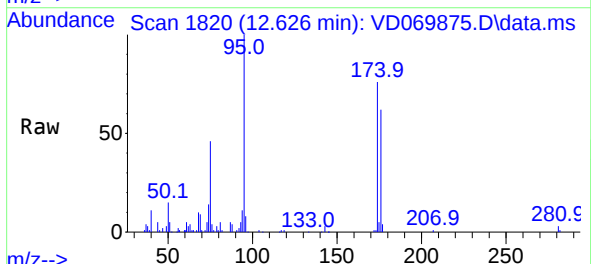
Instrument :
MSVOA_D
ClientSampleId :
GS-2A

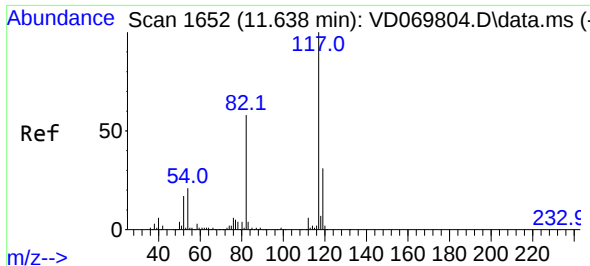
Tgt Ion: 98 Resp: 221397
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 50.174 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069875.D
Acq: 27 Jul 2021 19:17

Tgt Ion: 95 Resp: 69728
Ion Ratio Lower Upper
95 100
174 75.8 0.0 142.6
176 67.4 0.0 134.2

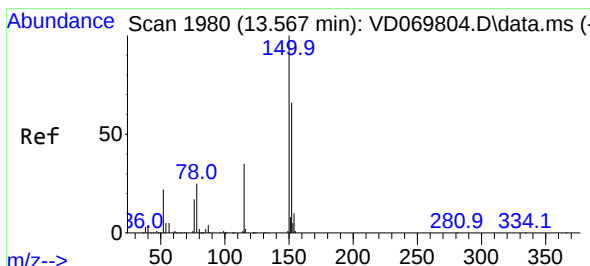
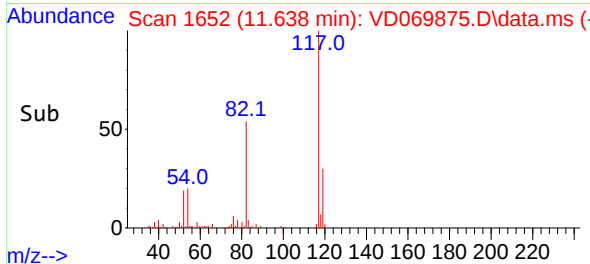
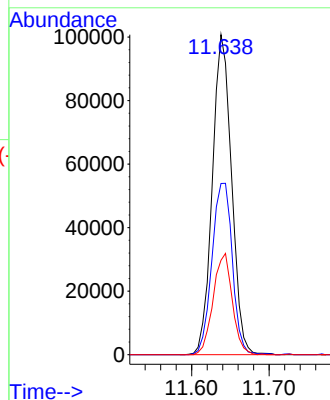
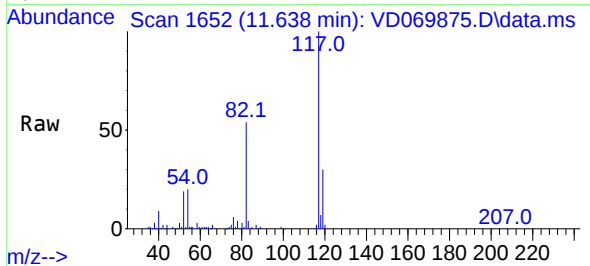




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069875.D
Acq: 27 Jul 2021 19:17

Instrument :
MSVOA_D
ClientSampleId :
GS-2A

Tgt Ion:	117	Resp:	173672
Ion	Ratio	Lower	Upper
117	100		
82	53.5	46.3	69.5
119	29.5	24.7	37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069875.D
Acq: 27 Jul 2021 19:17

Tgt Ion:	152	Resp:	70436
Ion	Ratio	Lower	Upper
152	100		
115	59.8	31.1	93.3
150	158.1	0.0	343.0

