

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012822\
 Data File : VD071827.D
 Acq On : 28 Jan 2022 16:43
 Operator : VA/SY
 Sample : N1313-01
 Misc : 5.13G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 17B-MISC-A

Quant Time: Jan 29 04:52:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	436006	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	834741	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	763762	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	321812	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	295381	53.599	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.200%
35) Dibromofluoromethane	7.914	113	274607	50.047	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.100%
50) Toluene-d8	10.338	98	1050773	51.277	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.560%
62) 4-Bromofluorobenzene	12.626	95	347213	48.520	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.040%

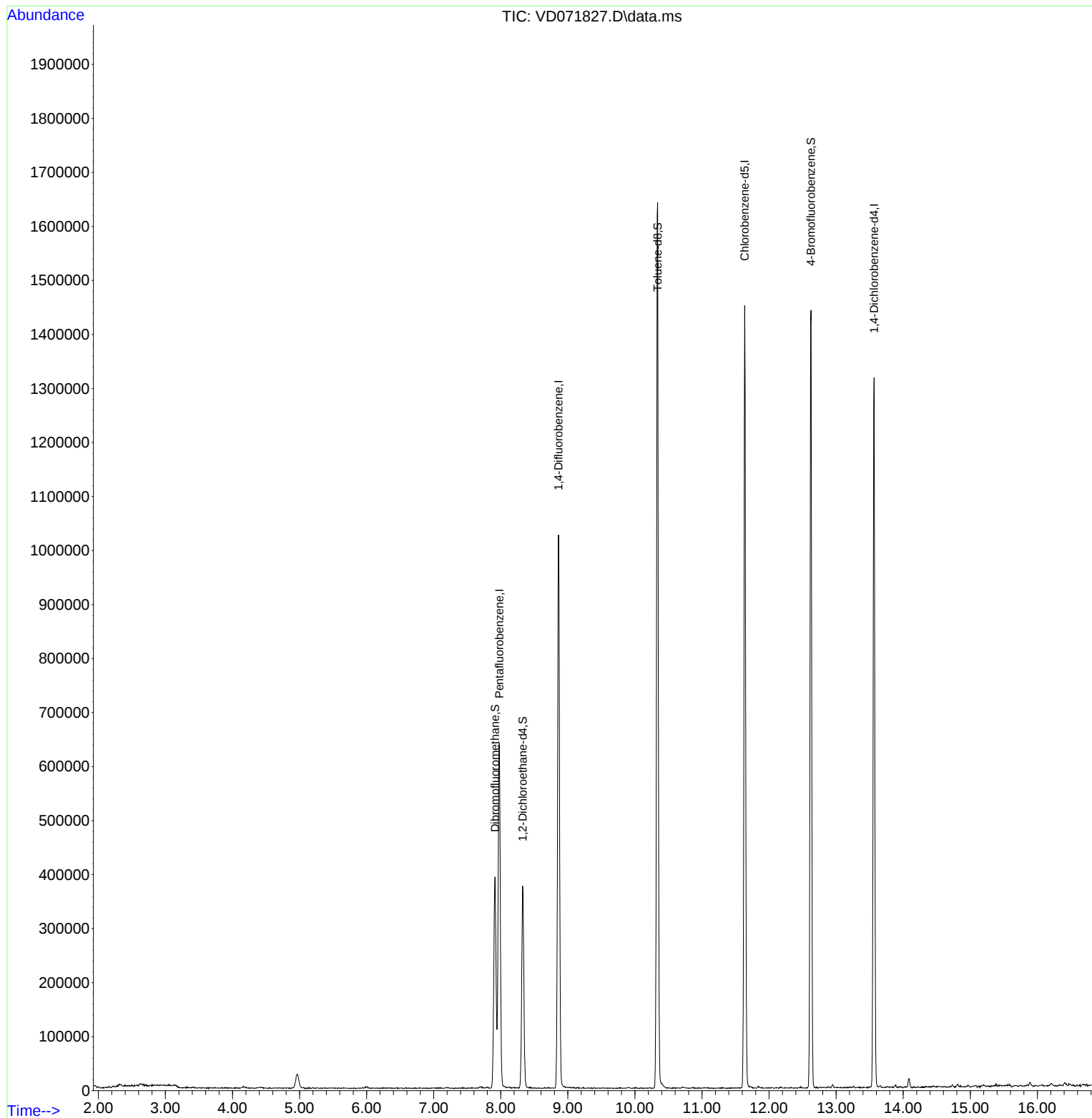
Target Compounds	Qvalue

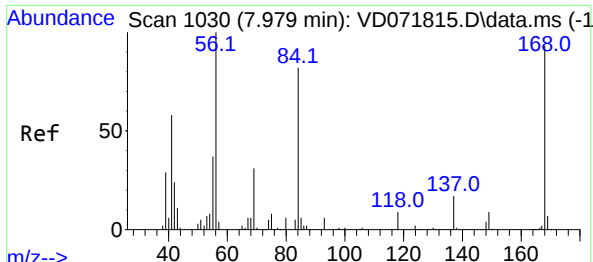
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD071827.D

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Instrument :

MSVOA_D

ClientSampleId :

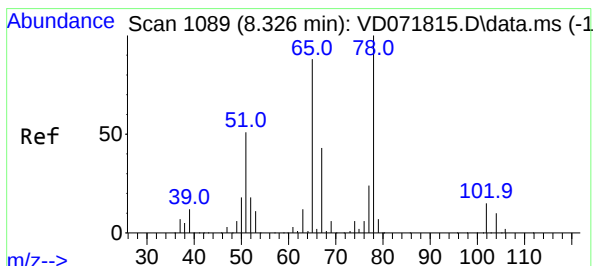
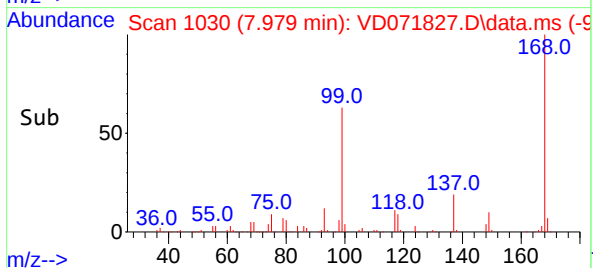
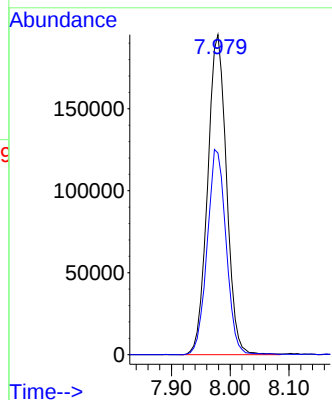
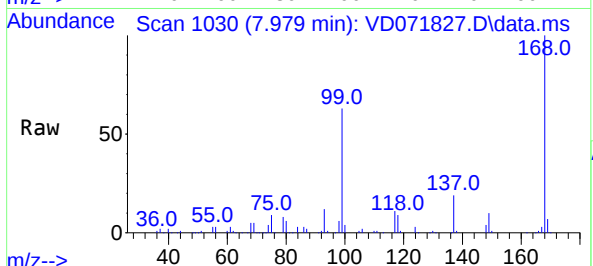
17B-MISC-A

Tgt Ion:168 Resp: 436006

Ion Ratio Lower Upper

168 100

99 63.0 49.8 74.6



1,2-Dichloroethane-d4

Concen: 53.599 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD071827.D

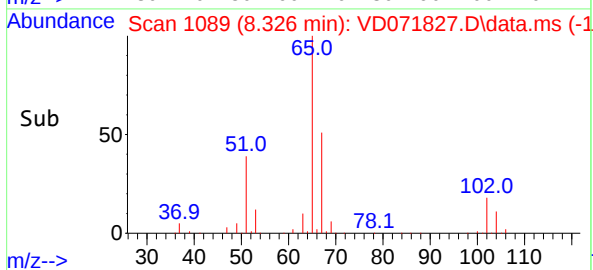
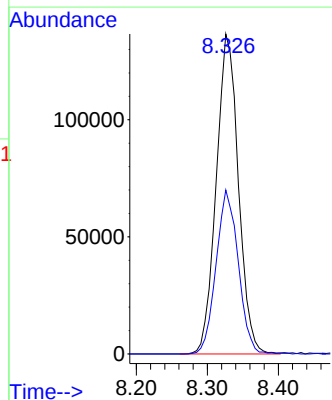
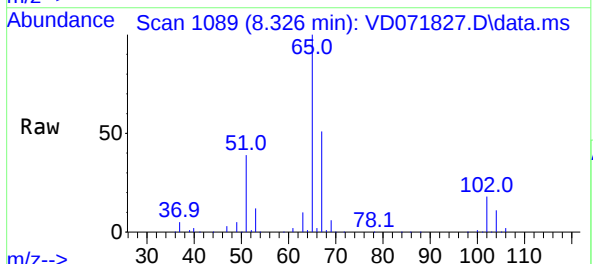
Acq: 28 Jan 2022 16:43

Tgt Ion: 65 Resp: 295381

Ion Ratio Lower Upper

65 100

67 51.3 0.0 101.4

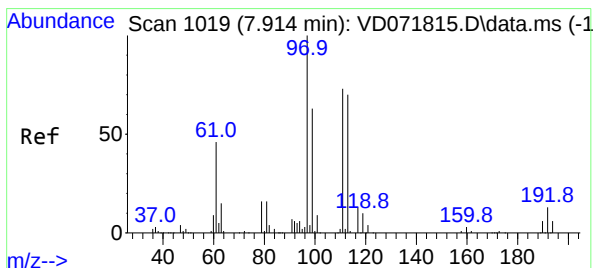
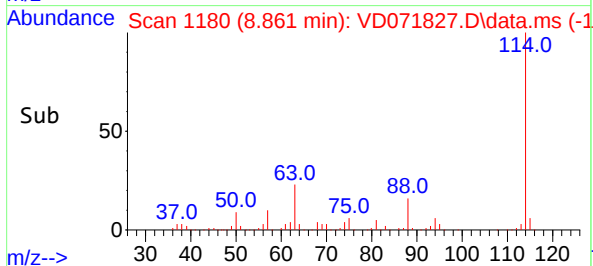
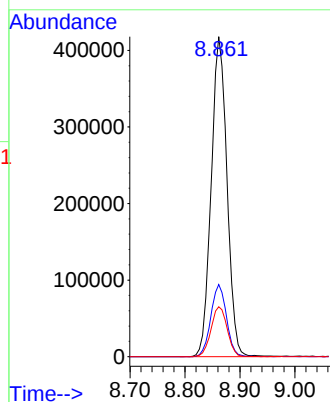
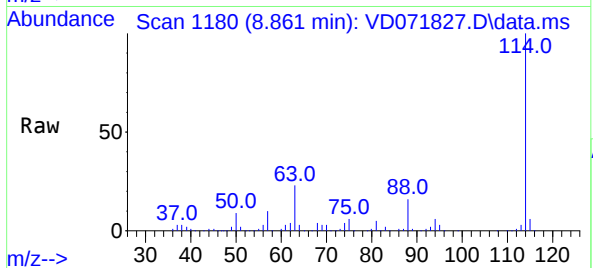




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD071827.D
Acq: 28 Jan 2022 16:43

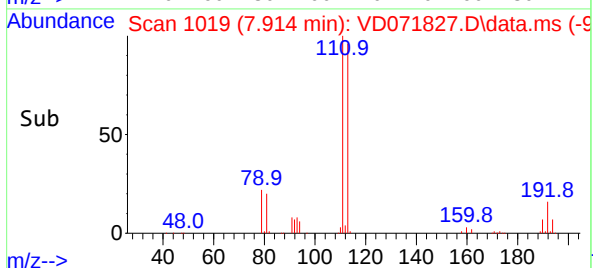
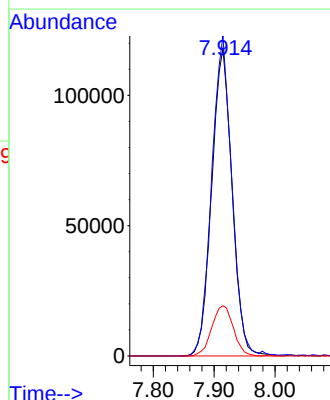
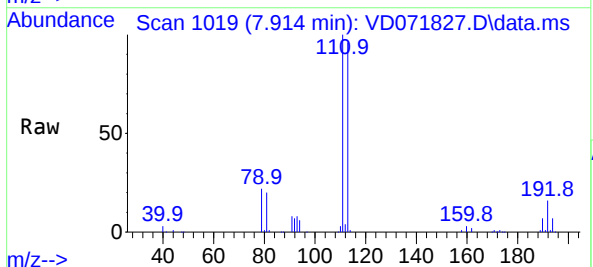
Instrument :
MSVOA_D
ClientSampleId :
17B-MISC-A

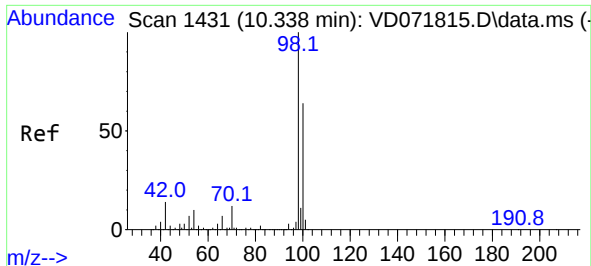
Tgt Ion:114 Resp: 834741
Ion Ratio Lower Upper
114 100
63 22.6 0.0 46.6
88 15.6 0.0 33.2



#35
Dibromofluoromethane
Concen: 50.047 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD071827.D
Acq: 28 Jan 2022 16:43

Tgt Ion:113 Resp: 274607
Ion Ratio Lower Upper
113 100
111 102.2 83.8 125.6
192 17.3 14.6 21.8

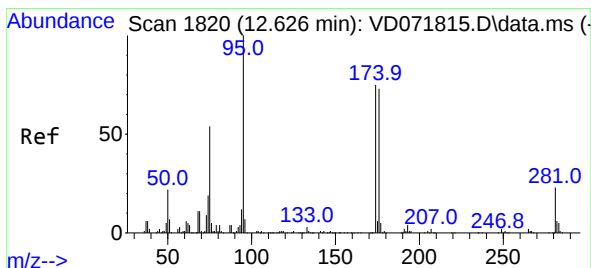
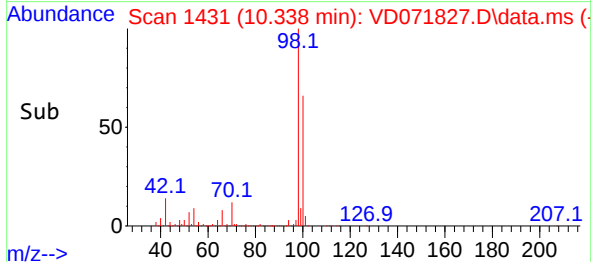
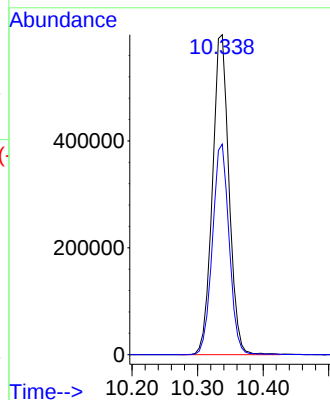
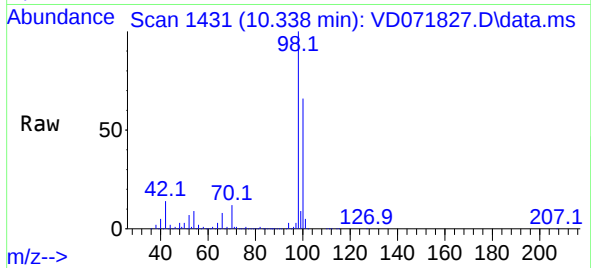




#50
Toluene-d8
Concen: 51.277 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071827.D
Acq: 28 Jan 2022 16:43

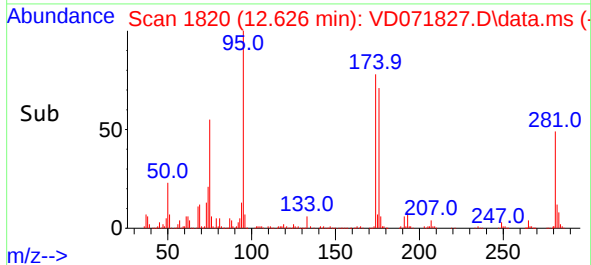
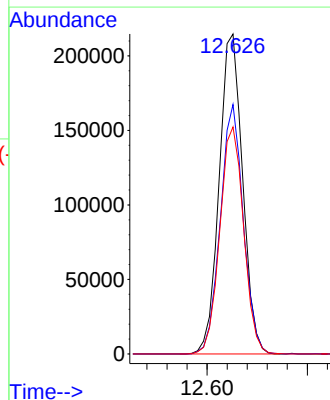
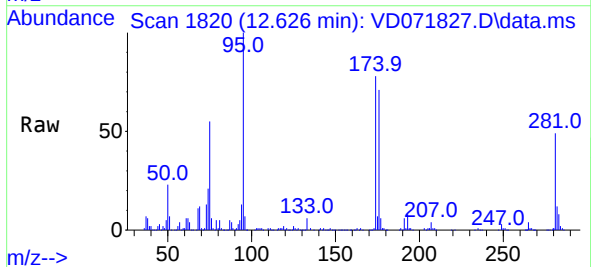
Instrument :
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ClientSampleId :
17B-MISC-A

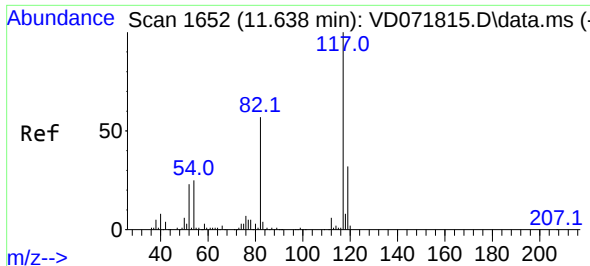
Tgt Ion: 98 Resp: 1050773
Ion Ratio Lower Upper
98 100
100 66.3 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 48.520 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071827.D
Acq: 28 Jan 2022 16:43

Tgt Ion: 95 Resp: 347213
Ion Ratio Lower Upper
95 100
174 76.6 0.0 152.8
176 72.1 0.0 145.4

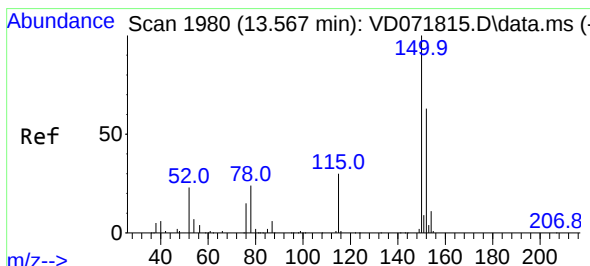
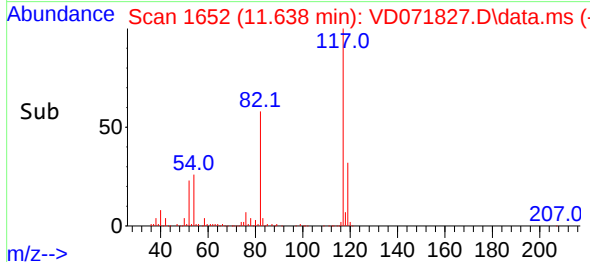
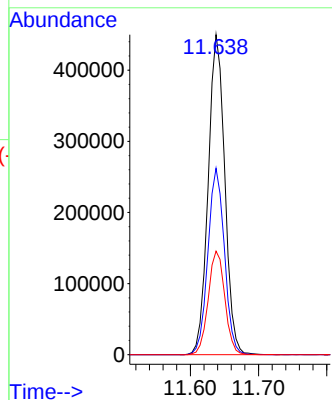
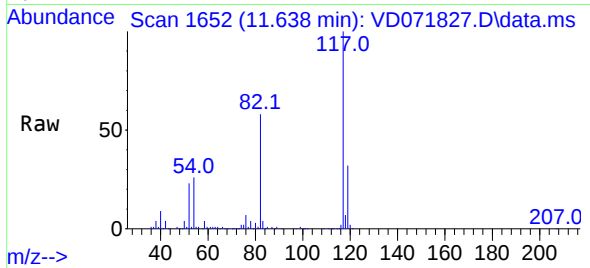




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD071827.D
Acq: 28 Jan 2022 16:43

Instrument :
MSVOA_D
ClientSampleId :
17B-MISC-A

Tgt Ion:117 Resp: 763762
Ion Ratio Lower Upper
117 100
82 58.3 45.3 67.9
119 32.3 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071827.D
Acq: 28 Jan 2022 16:43

Tgt Ion:152 Resp: 321812
Ion Ratio Lower Upper
152 100
115 61.6 31.3 93.8
150 160.0 0.0 348.6

