

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021122\
 Data File : VD071941.D
 Acq On : 11 Feb 2022 17:19
 Operator : VA/SY
 Sample : N1489-02
 Misc : 3.96G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 COMP-2

Quant Time: Feb 11 23:59:42 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	7.973	168	425269	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	797685	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	731663	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	297419	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	262559	48.847	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.700%
35) Dibromofluoromethane	7.909	113	255138	48.659	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.320%
50) Toluene-d8	10.338	98	1016185	51.893	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.780%
62) 4-Bromofluorobenzene	12.626	95	312311	45.670	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.340%

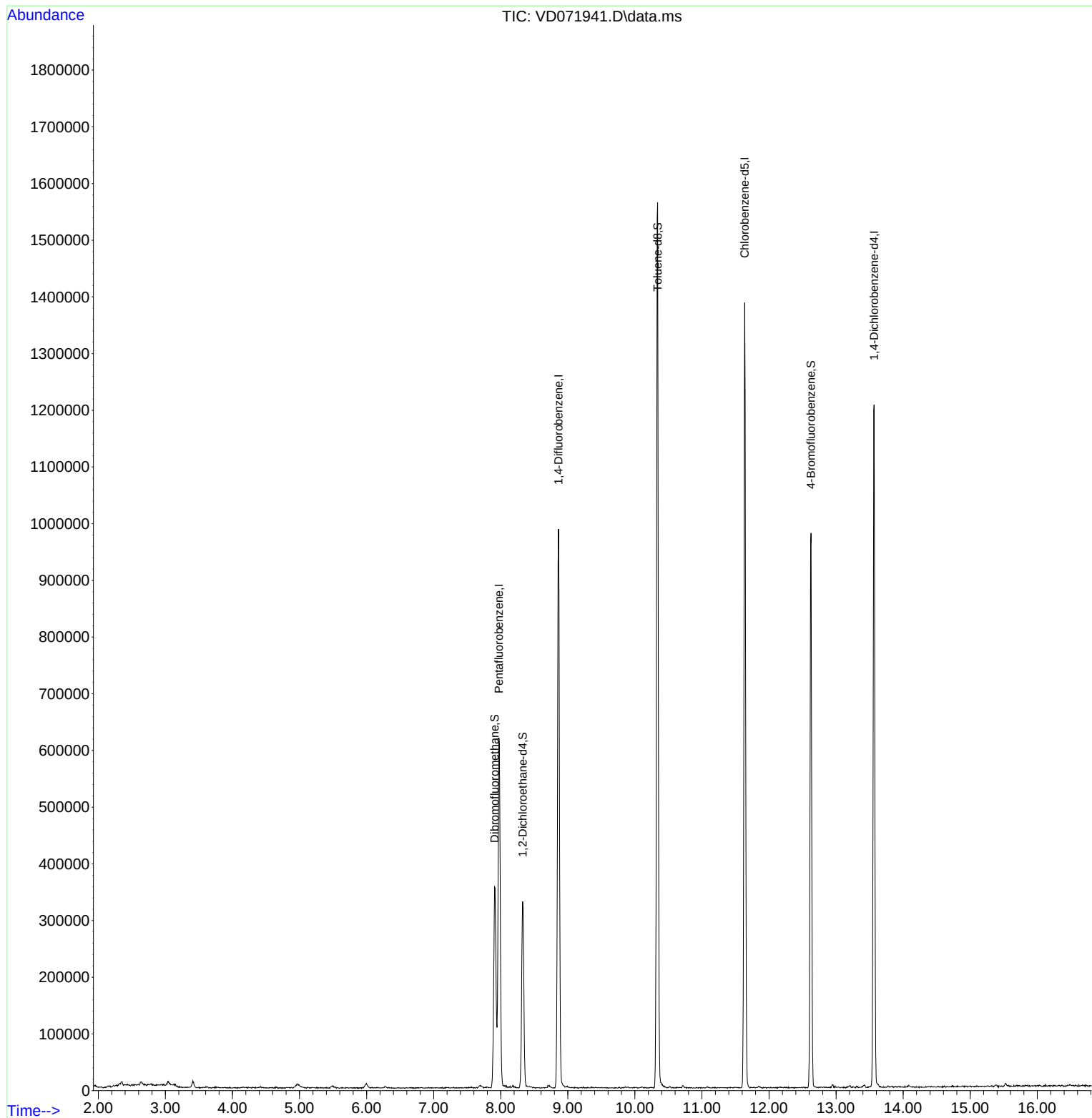
Target Compounds	Qvalue

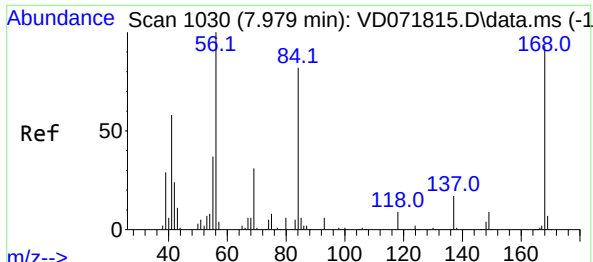
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD071941.D

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Instrument :

MSVOA_D

ClientSampleId :

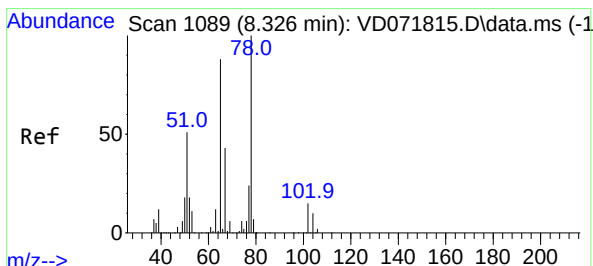
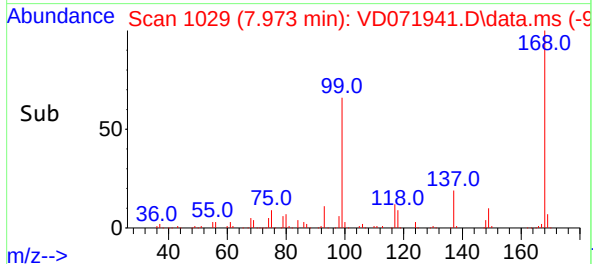
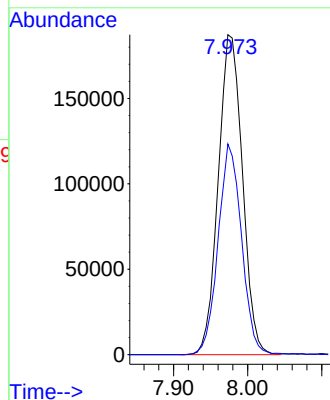
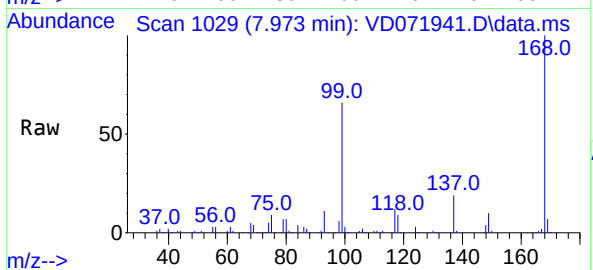
COMP-2

Tgt Ion:168 Resp: 425269

Ion Ratio Lower Upper

168 100

99 65.9 49.8 74.6



#33

1,2-Dichloroethane-d4

Concen: 48.847 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD071941.D

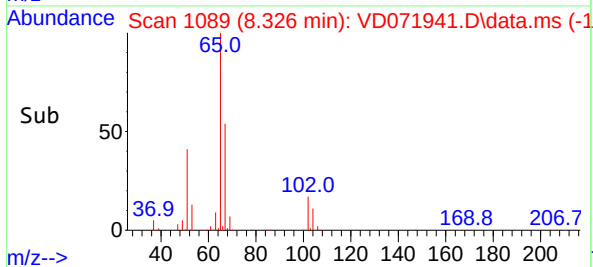
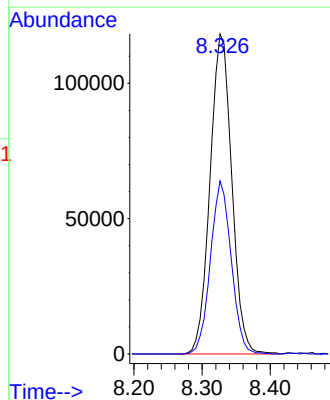
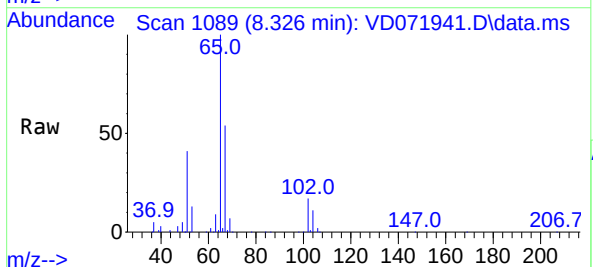
Acq: 11 Feb 2022 17:19

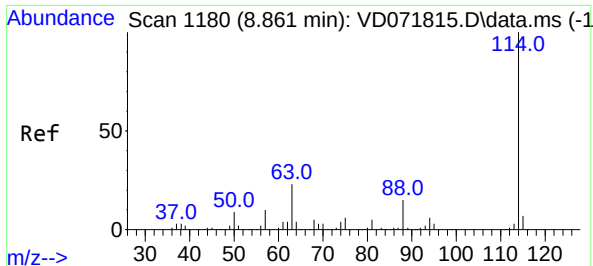
Tgt Ion: 65 Resp: 262559

Ion Ratio Lower Upper

65 100

67 51.6 0.0 101.4

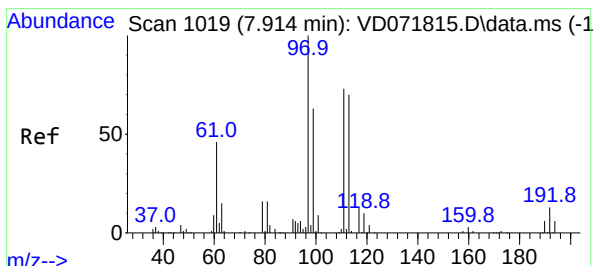
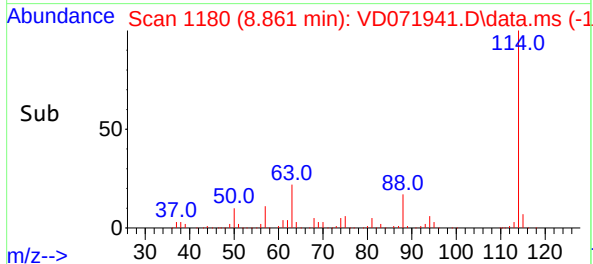
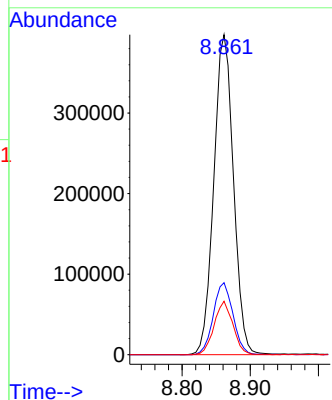
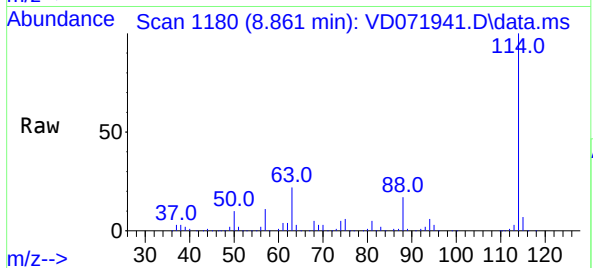




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071941.D
Acq: 11 Feb 2022 17:19

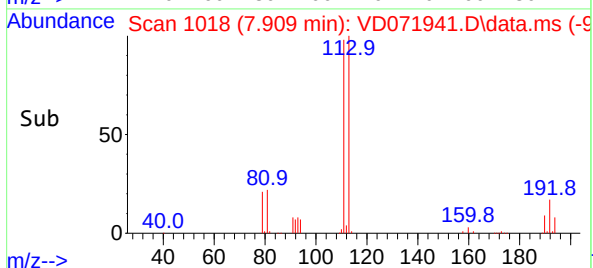
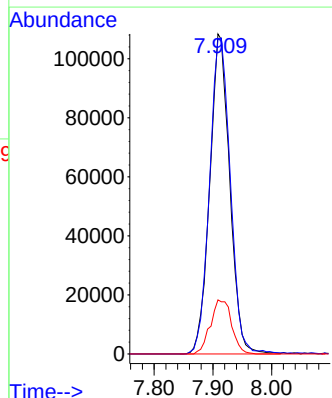
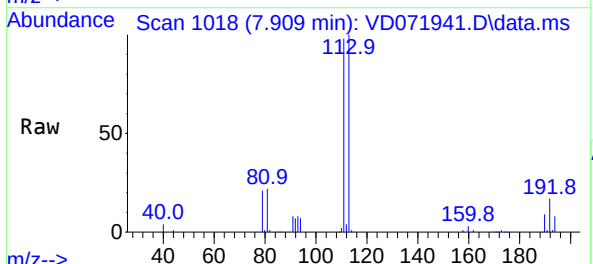
Instrument :
MSVOA_D
ClientSampleId :
COMP-2

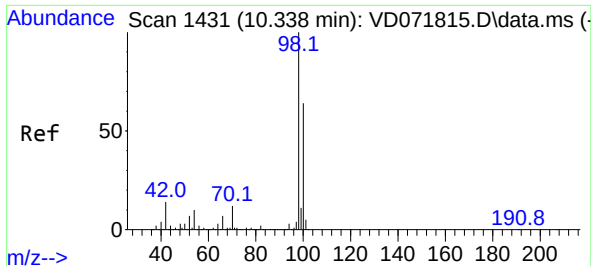
Tgt Ion:114 Resp: 797685
Ion Ratio Lower Upper
114 100
63 22.5 0.0 46.6
88 16.7 0.0 33.2



#35
Dibromofluoromethane
Concen: 48.659 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD071941.D
Acq: 11 Feb 2022 17:19

Tgt Ion:113 Resp: 255138
Ion Ratio Lower Upper
113 100
111 103.3 83.8 125.6
192 17.9 14.6 21.8

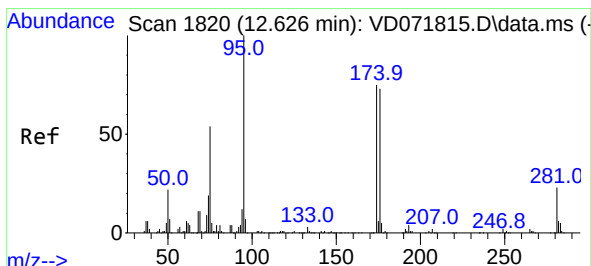
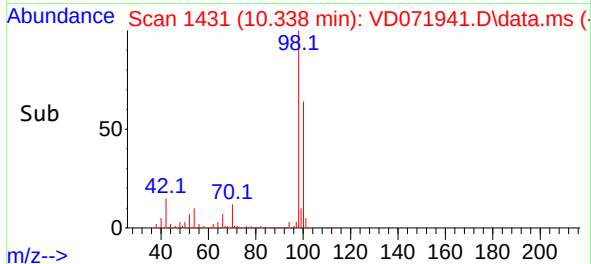
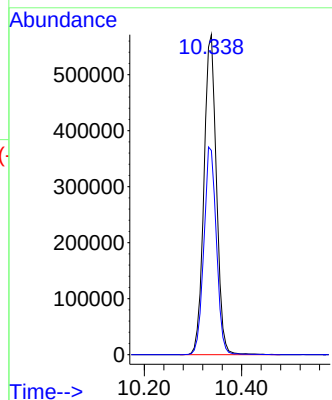
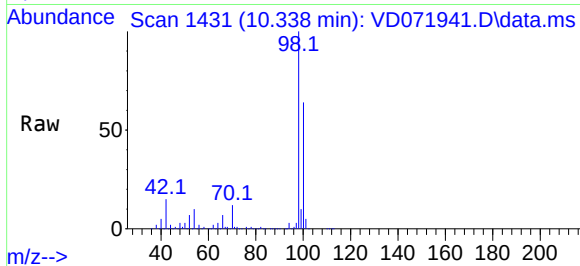




#50
Toluene-d8
Concen: 51.893 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD071941.D
Acq: 11 Feb 2022 17:19

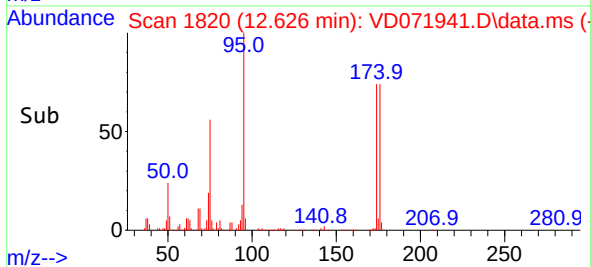
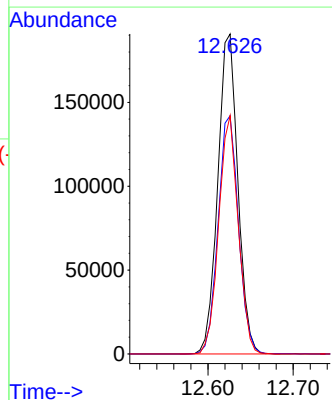
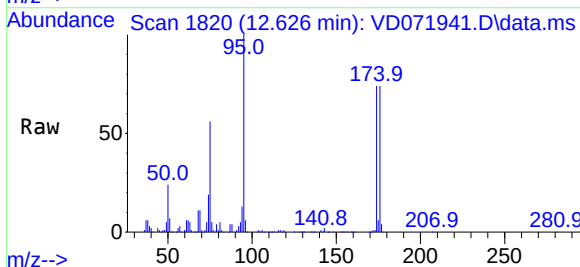
Instrument :
MSVOA_D
ClientSampleId :
COMP-2

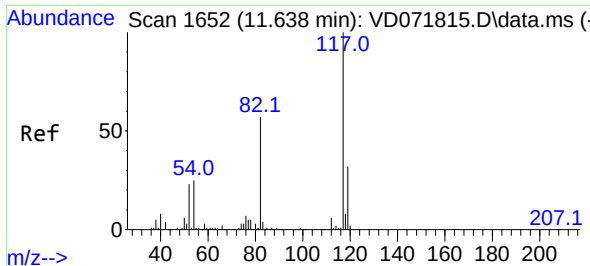
Tgt Ion: 98 Resp: 1016185
Ion Ratio Lower Upper
98 100
100 65.1 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 45.670 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD071941.D
Acq: 11 Feb 2022 17:19

Tgt Ion: 95 Resp: 312311
Ion Ratio Lower Upper
95 100
174 75.6 0.0 152.8
176 72.3 0.0 145.4

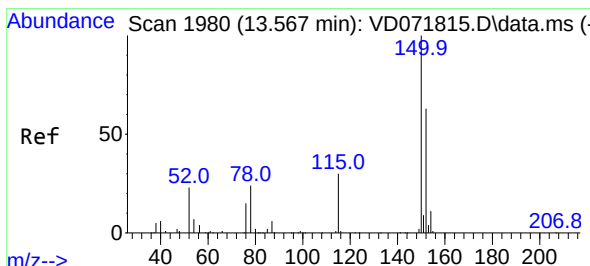
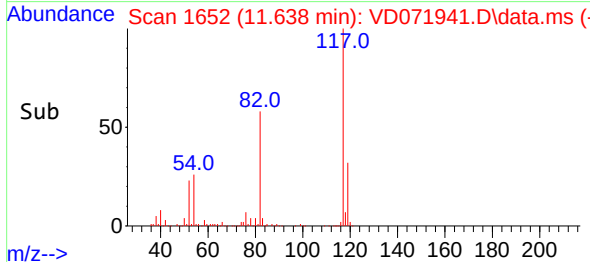
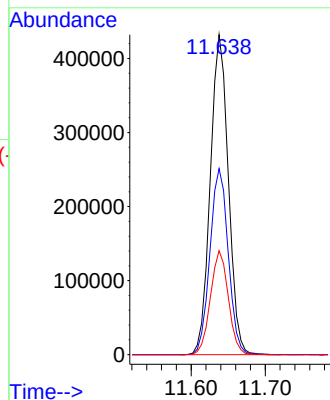
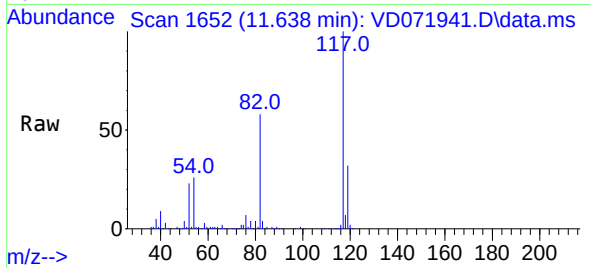




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD071941.D
Acq: 11 Feb 2022 17:19

Instrument :
MSVOA_D
ClientSampleId :
COMP-2

Tgt Ion:117 Resp: 731663
Ion Ratio Lower Upper
117 100
82 58.2 45.3 67.9
119 32.5 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: VD071941.D
Acq: 11 Feb 2022 17:19

Tgt Ion:152 Resp: 297419
Ion Ratio Lower Upper
152 100
115 61.0 31.3 93.8
150 157.9 0.0 348.6

