

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082322\
 Data File : VD074202.D
 Acq On : 24 Aug 2022 01:02
 Operator : VA/SY
 Sample : N4260-01
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SASP2-T-4-(0-5)

Quant Time: Aug 24 06:25:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 23 13:12:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	6316	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	16180	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	17954	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	8153	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	8044	124.636	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	249.280%#
35) Dibromofluoromethane	7.909	113	6943	64.153	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	128.300%
50) Toluene-d8	10.332	98	19103	54.844	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.680%
62) 4-Bromofluorobenzene	12.614	95	8077	58.698	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	117.400%

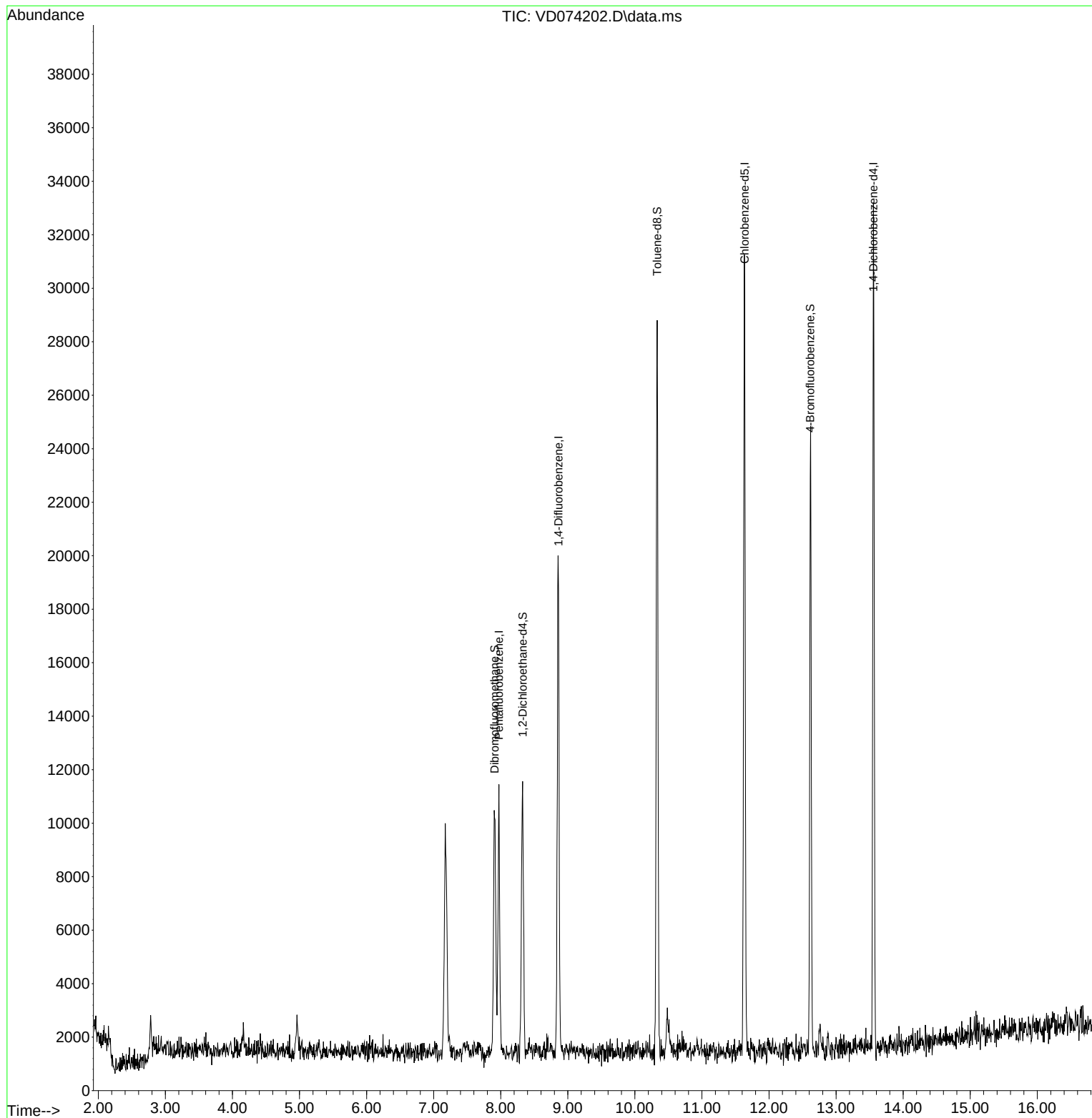
Target Compounds	Qvalue

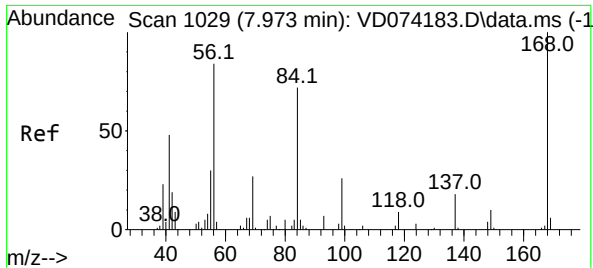
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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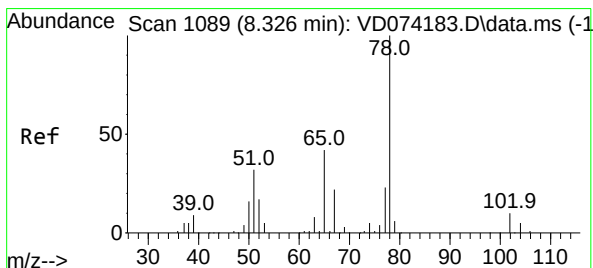
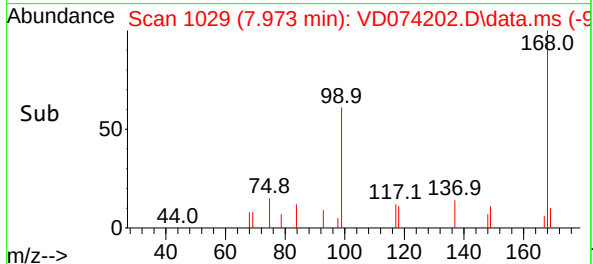
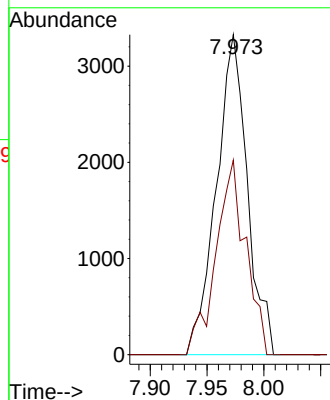
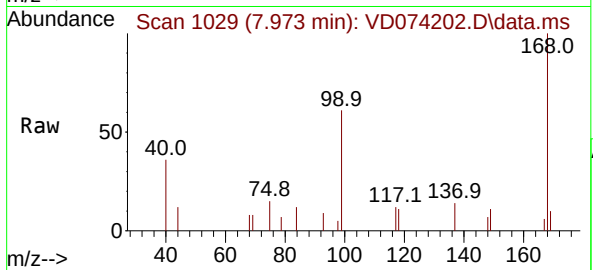




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD074202.D
Acq: 24 Aug 2022 01:02

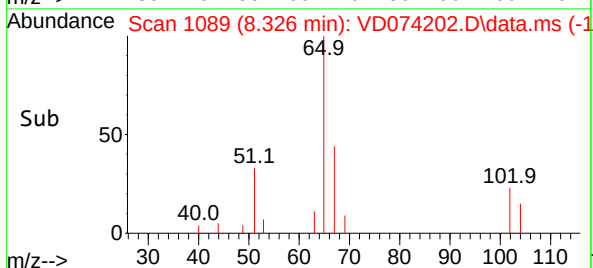
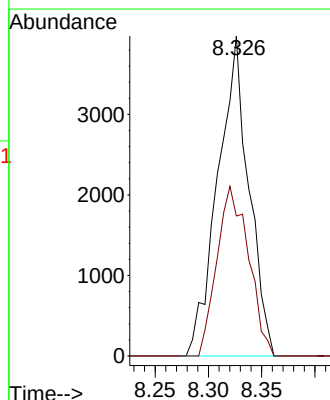
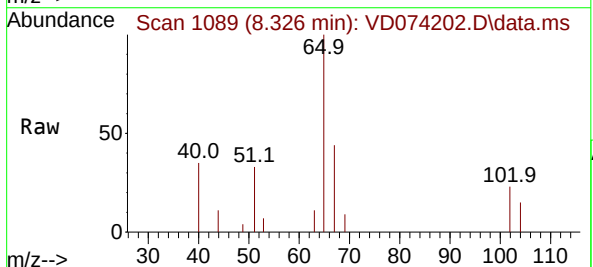
Instrument :
MSVOA_D
ClientSampleId :
SASP2-T-4-(0-5)

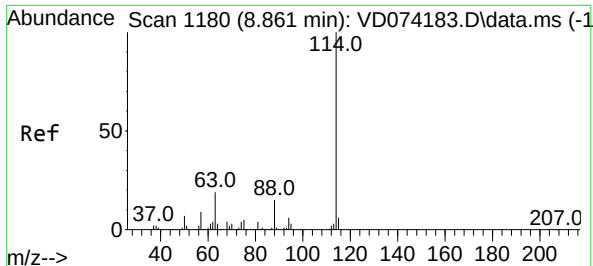
Tgt Ion:168 Resp: 6316
Ion Ratio Lower Upper
168 100
99 60.8 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 124.636 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD074202.D
Acq: 24 Aug 2022 01:02

Tgt Ion: 65 Resp: 8044
Ion Ratio Lower Upper
65 100
67 54.0 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: VD074202.D

Acq: 24 Aug 2022 01:02

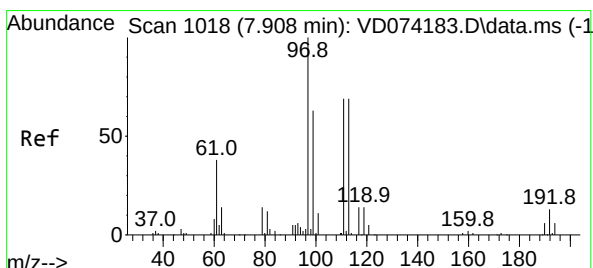
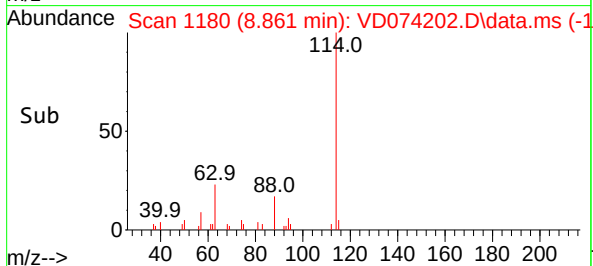
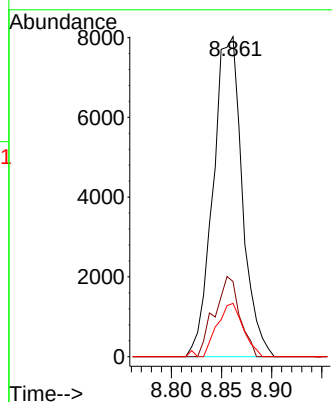
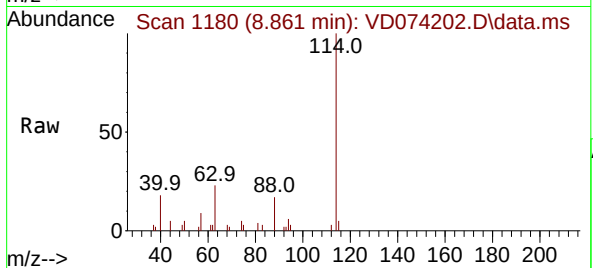
Instrument :

MSVOA_D

ClientSampleId :

SASP2-T-4-(0-5)

Tgt Ion:	114	Resp:	16180
Ion	Ratio	Lower	Upper
114	100		
63	23.5	0.0	46.6
88	16.6	0.0	33.2



#35

Dibromofluoromethane

Concen: 64.153 ug/l

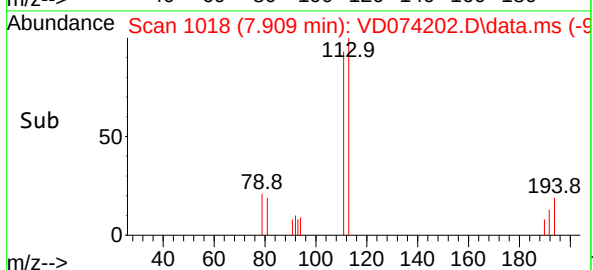
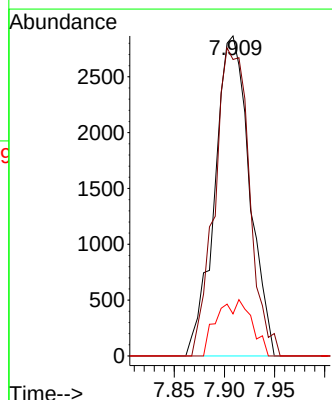
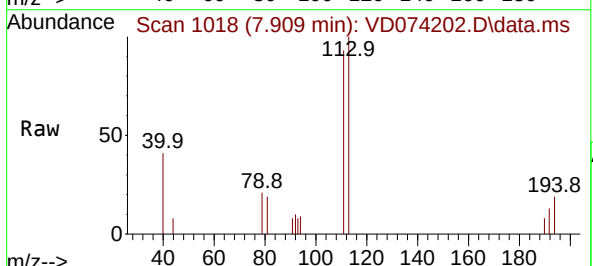
RT: 7.909 min Scan# 1018

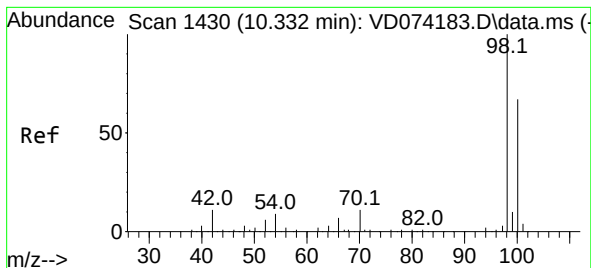
Delta R.T. 0.001 min

Lab File: VD074202.D

Acq: 24 Aug 2022 01:02

Tgt Ion:	113	Resp:	6943
Ion	Ratio	Lower	Upper
113	100		
111	95.5	83.8	125.6
192	9.4	14.6	21.8

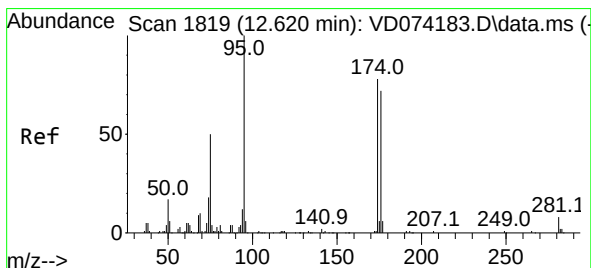
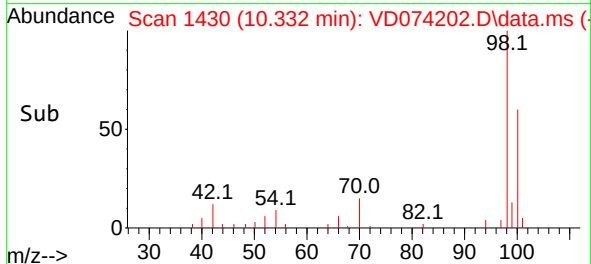
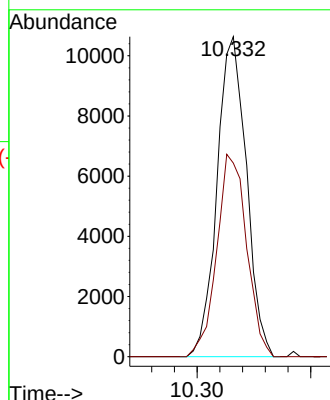
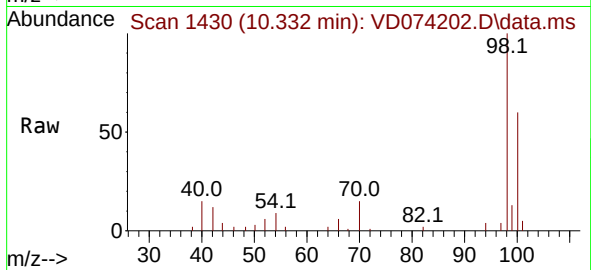




#50
Toluene-d8
Concen: 54.844 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD074202.D
Acq: 24 Aug 2022 01:02

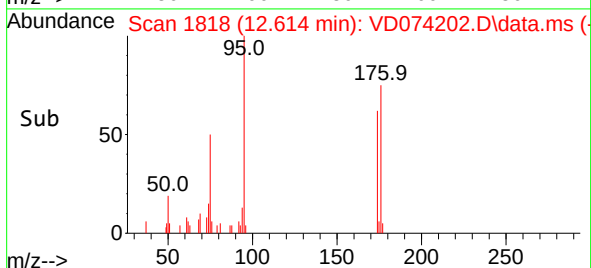
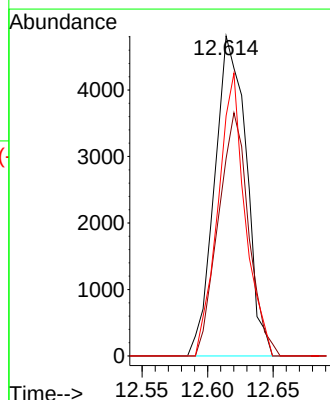
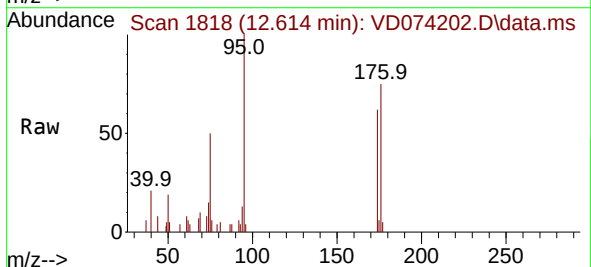
Instrument :
MSVOA_D
ClientSampleId :
SASP2-T-4-(0-5)

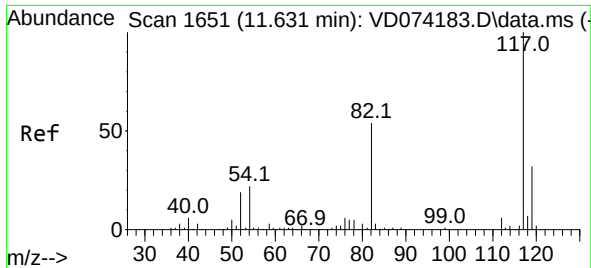
Tgt Ion: 98 Resp: 19103
Ion Ratio Lower Upper
98 100
100 64.2 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 58.698 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. -0.006 min
Lab File: VD074202.D
Acq: 24 Aug 2022 01:02

Tgt Ion: 95 Resp: 8077
Ion Ratio Lower Upper
95 100
174 72.9 0.0 152.8
176 76.1 0.0 145.4

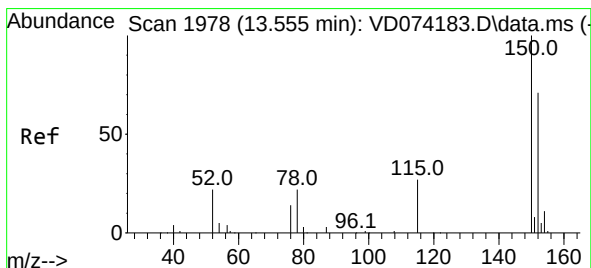
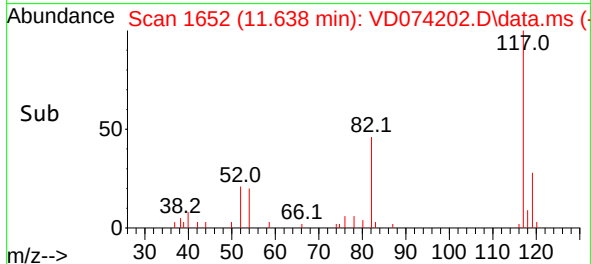
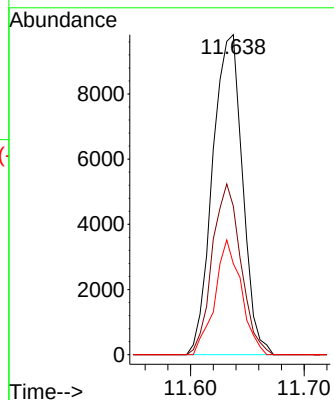
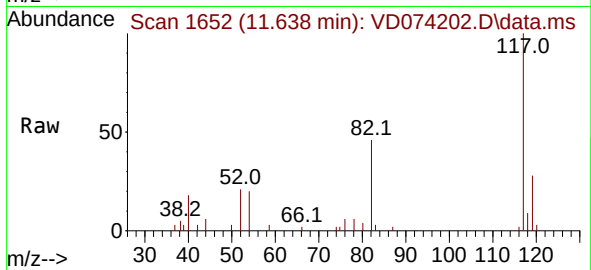




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. 0.007 min
Lab File: VD074202.D
Acq: 24 Aug 2022 01:02

Instrument :
MSVOA_D
ClientSampleId :
SASP2-T-4-(0-5)

Tgt Ion:117 Resp: 17954
Ion Ratio Lower Upper
117 100
82 46.4 45.3 67.9
119 28.4 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1978
Delta R.T. 0.000 min
Lab File: VD074202.D
Acq: 24 Aug 2022 01:02

Tgt Ion:152 Resp: 8153
Ion Ratio Lower Upper
152 100
115 65.2 31.3 93.8
150 155.6 0.0 348.6

