

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041323\
 Data File : VD075669.D
 Acq On : 13 Apr 2023 19:35
 Operator : KP/SY
 Sample : 02308-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-01-041223

Quant Time: Apr 14 01:36:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 14:16:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	5044	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.769	114	14282	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	26377	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	10667	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	4743	99.066	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	198.140%#
35) Dibromofluoromethane	7.810	113	5832	60.712	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	121.420%
50) Toluene-d8	10.269	98	22117	57.494	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	114.980%
62) 4-Bromofluorobenzene	12.575	95	7959	77.840	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	155.680%#

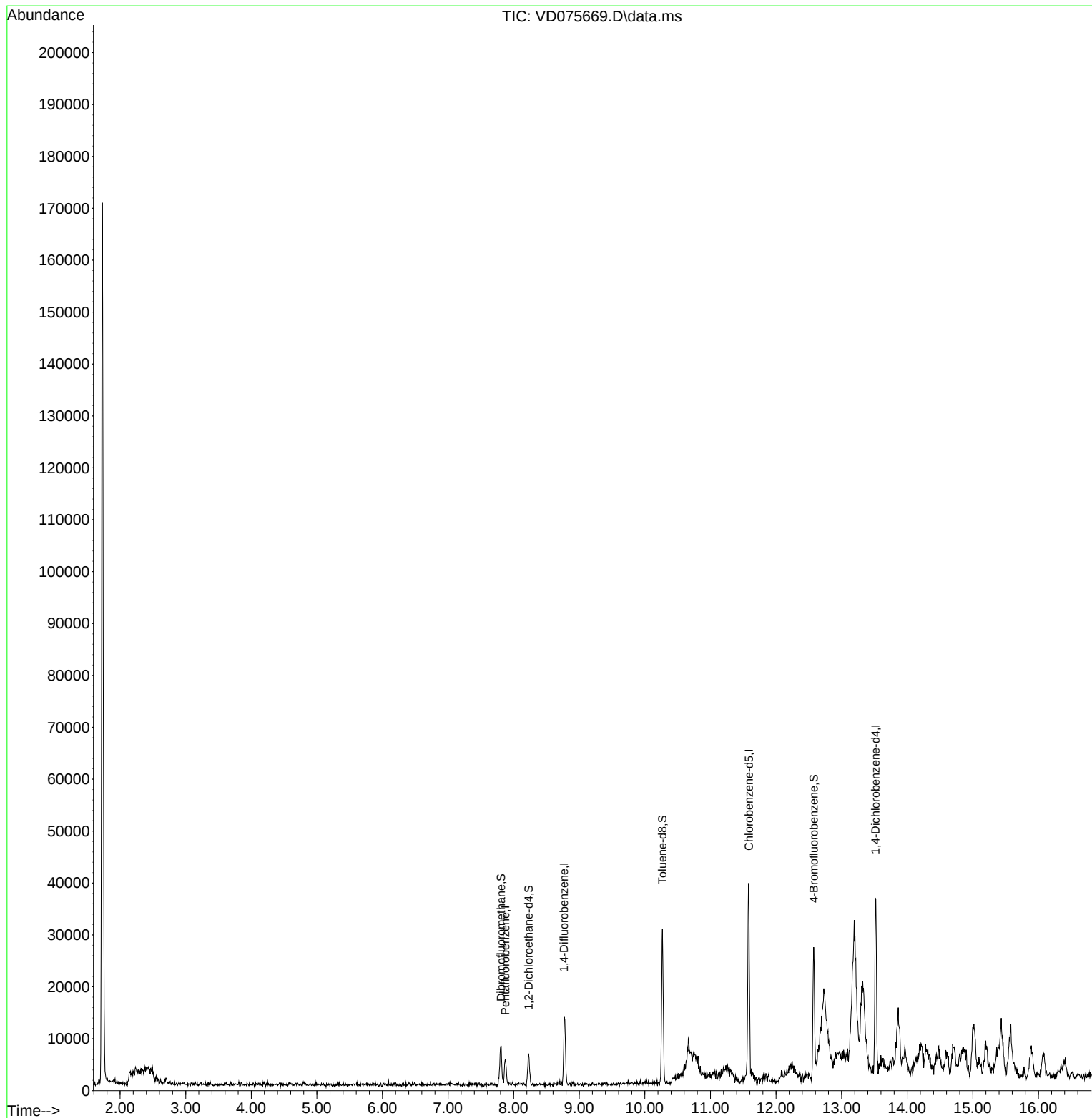
Target Compounds	Qvalue

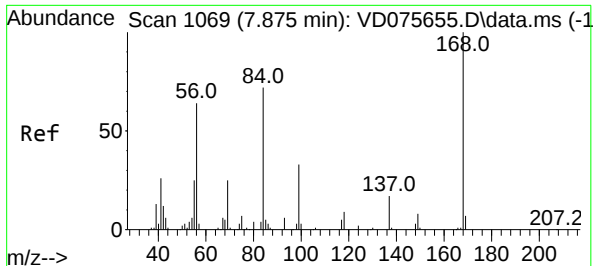
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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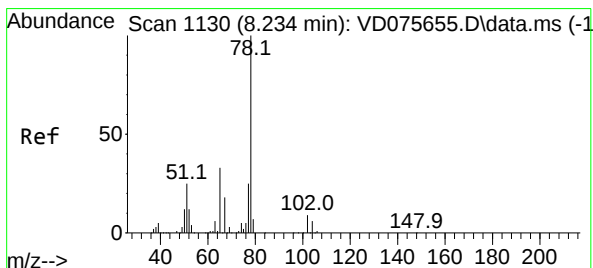
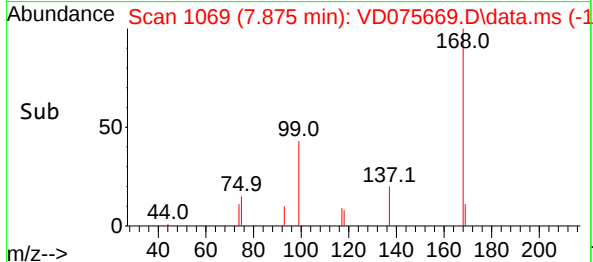
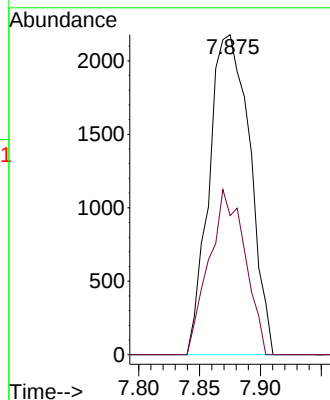
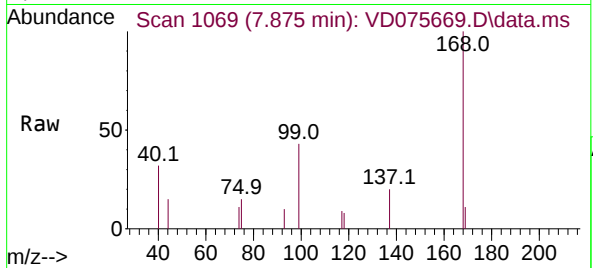




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD075669.D
Acq: 13 Apr 2023 19:35

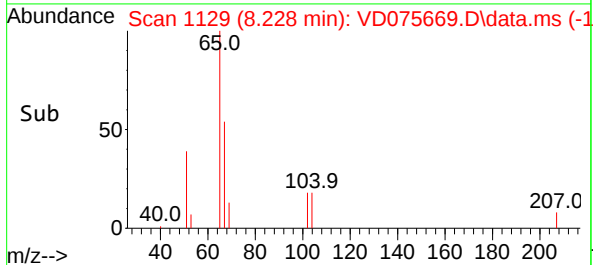
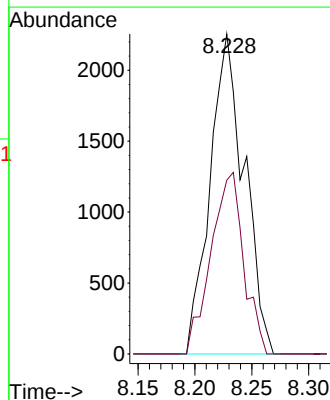
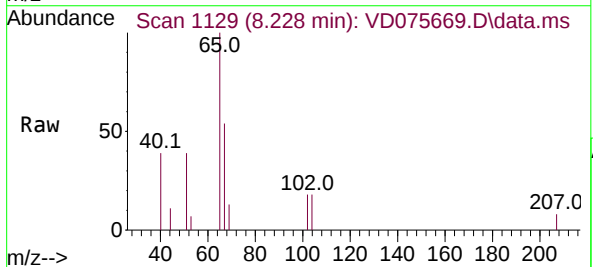
Instrument :
MSVOA_D
ClientSampleId :
EO-01-041223

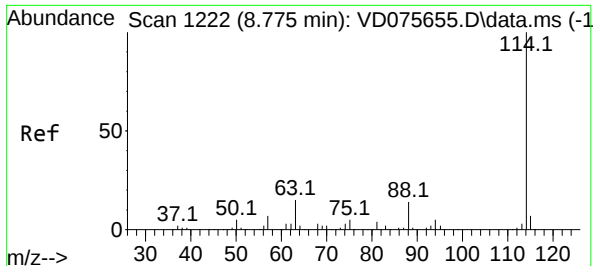
Tgt Ion:168 Resp: 5044
Ion Ratio Lower Upper
168 100
99 43.5 43.8 65.6#



#33
1,2-Dichloroethane-d4
Concen: 99.066 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD075669.D
Acq: 13 Apr 2023 19:35

Tgt Ion: 65 Resp: 4743
Ion Ratio Lower Upper
65 100
67 54.0 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.769 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD075669.D

Acq: 13 Apr 2023 19:35

Instrument :

MSVOA_D

ClientSampleId :

EO-01-041223

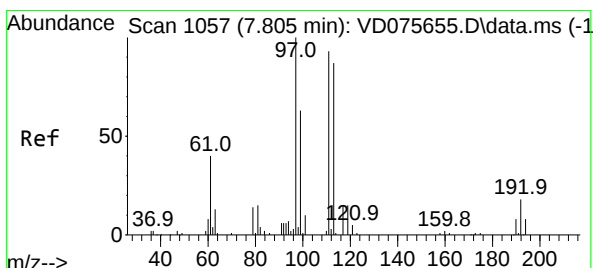
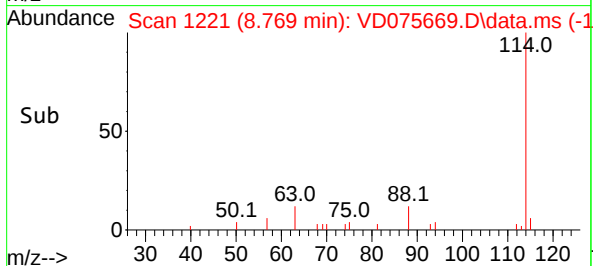
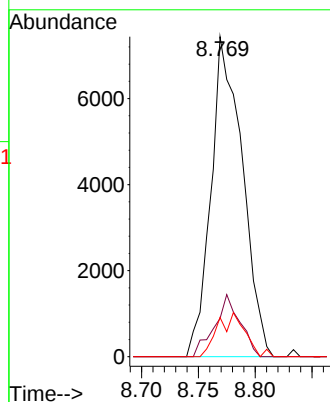
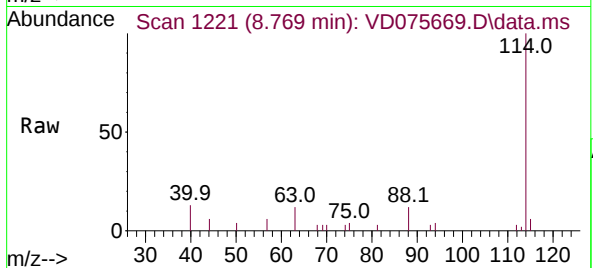
Tgt Ion:114 Resp: 14282

Ion Ratio Lower Upper

114 100

63 11.9 0.0 41.6

88 12.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 60.712 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD075669.D

Acq: 13 Apr 2023 19:35

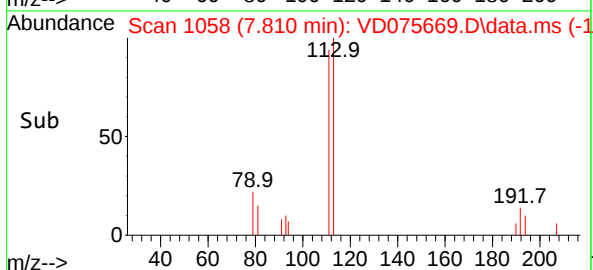
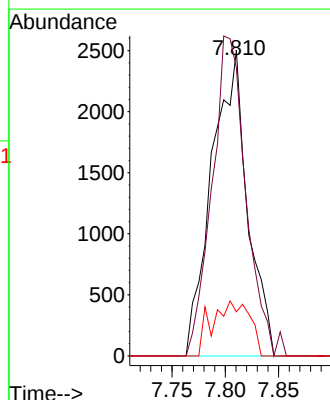
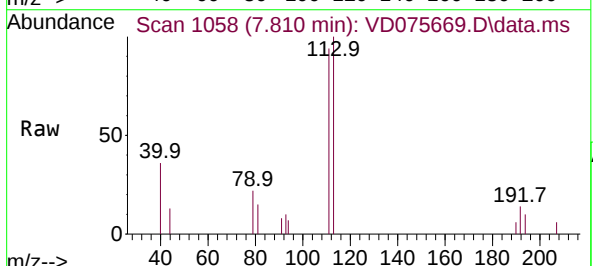
Tgt Ion:113 Resp: 5832

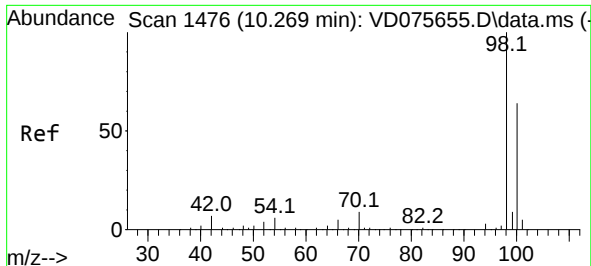
Ion Ratio Lower Upper

113 100

111 99.6 81.4 122.0

192 18.7 15.2 22.8

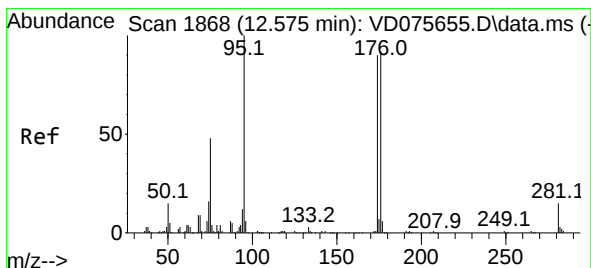
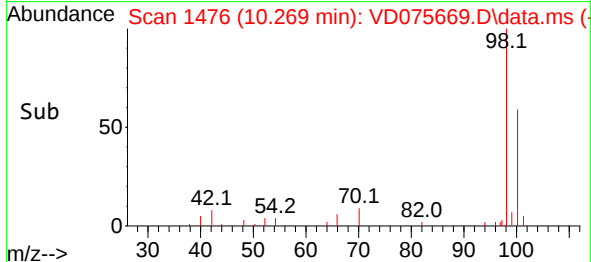
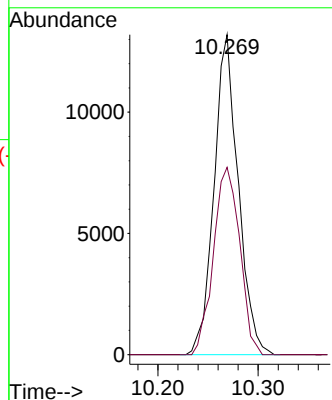
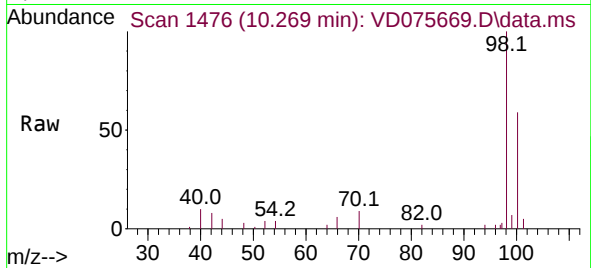




#50
Toluene-d8
Concen: 57.494 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075669.D
Acq: 13 Apr 2023 19:35

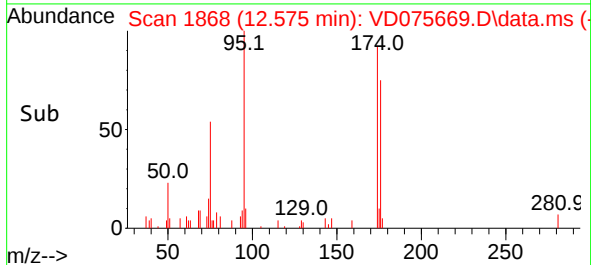
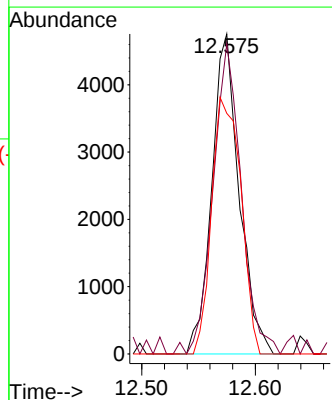
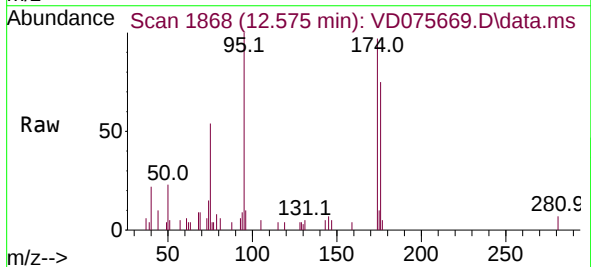
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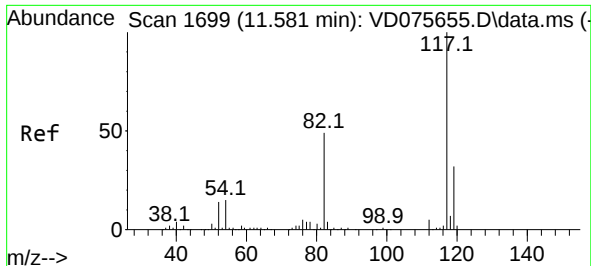
Tgt Ion: 98 Resp: 22117
Ion Ratio Lower Upper
98 100
100 63.6 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 77.840 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075669.D
Acq: 13 Apr 2023 19:35

Tgt Ion: 95 Resp: 7959
Ion Ratio Lower Upper
95 100
174 99.9 0.0 164.0
176 85.7 0.0 156.8

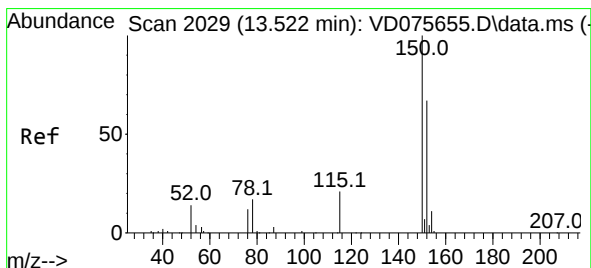
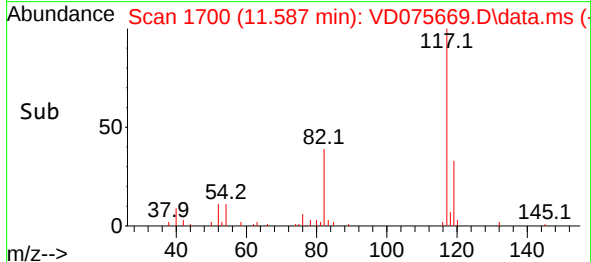
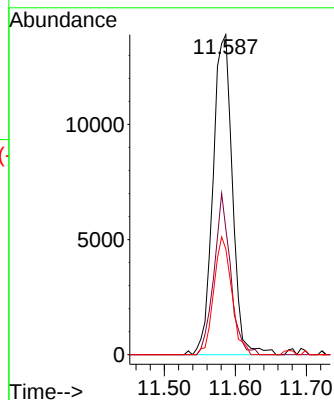
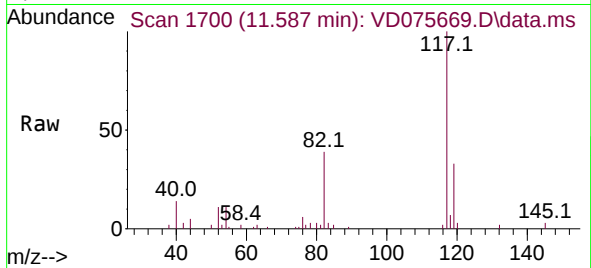




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD075669.D
Acq: 13 Apr 2023 19:35

Instrument :
MSVOA_D
ClientSampleId :
EO-01-041223

Tgt Ion:117 Resp: 26377
Ion Ratio Lower Upper
117 100
82 39.3 44.0 66.0#
119 33.0 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD075669.D
Acq: 13 Apr 2023 19:35

Tgt Ion:152 Resp: 10667
Ion Ratio Lower Upper
152 100
115 61.6 30.1 90.3
150 150.7 0.0 364.8

