

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041423\
 Data File : VD075681.D
 Acq On : 14 Apr 2023 15:58
 Operator : KP/SY
 Sample : 02308-01RE
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-01-041223RE

Quant Time: Apr 17 01:34:19 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	7.863	168	1881	50.000	ug/l	#-0.01
34) 1,4-Difluorobenzene	8.775	114	4876	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	6256	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	2348	50.000	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	1405	78.692	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 157.380%	
35) Dibromofluoromethane	7.793	113	1922	58.605	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 117.200%	
50) Toluene-d8	10.263	98	7696	58.599	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 117.200%	
62) 4-Bromofluorobenzene	12.575	95	1993	57.093	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 114.180%	

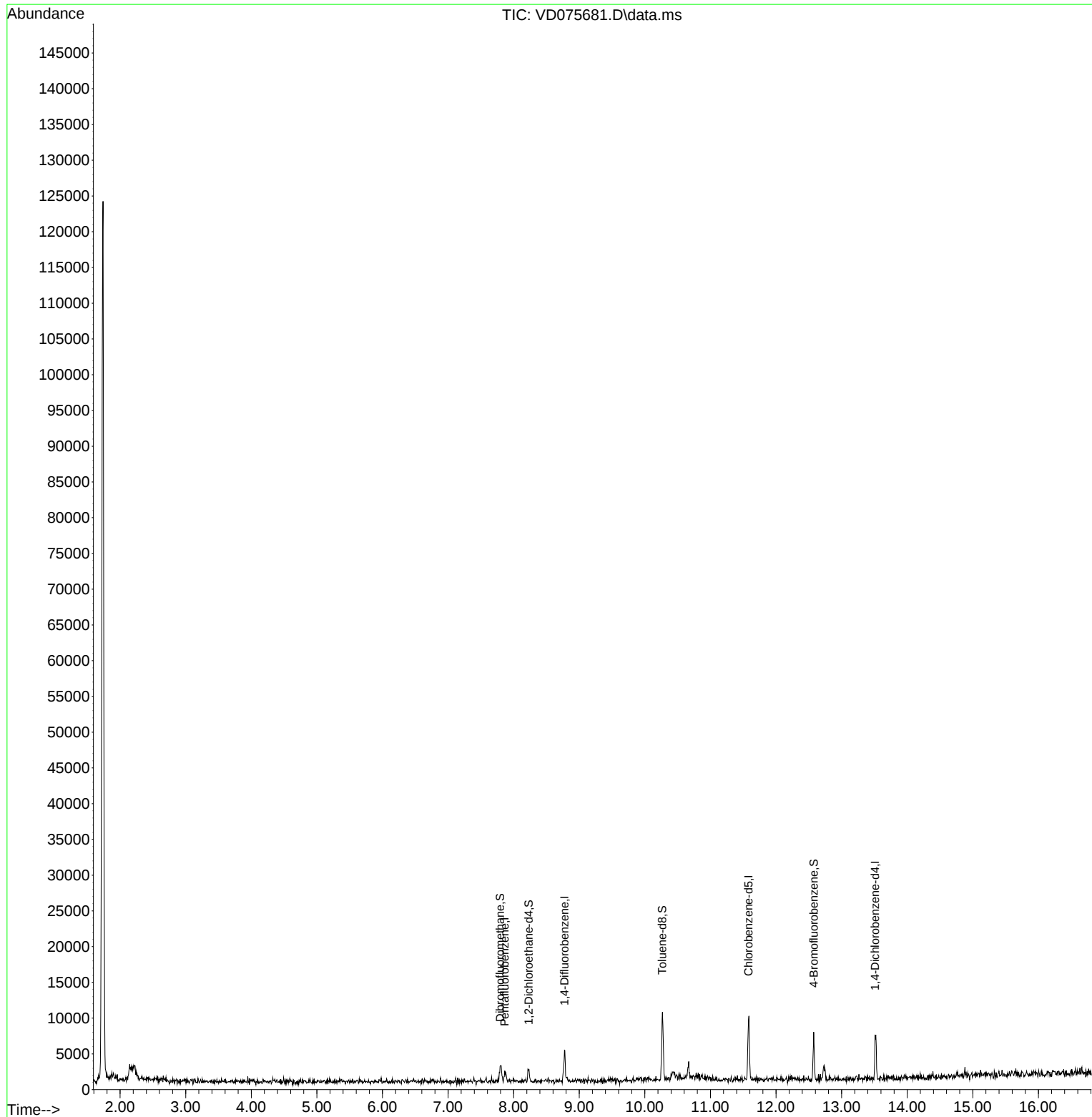
Target Compounds	Qvalue

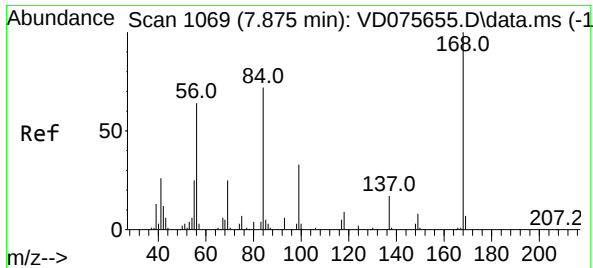
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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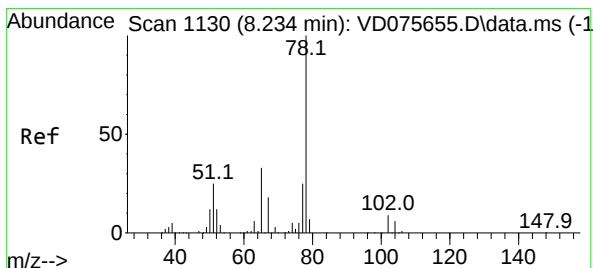
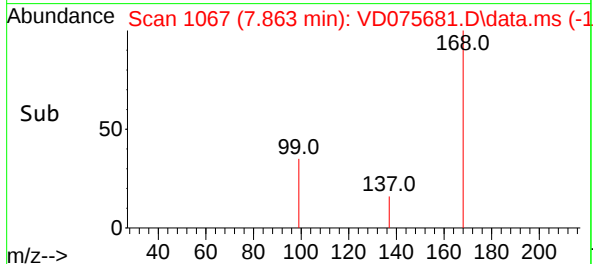
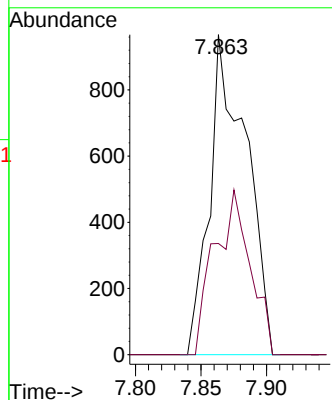
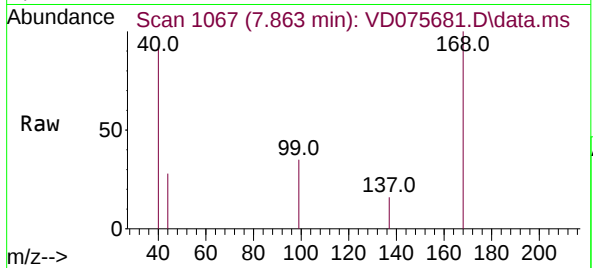




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.863 min Scan# 1109
Delta R.T. -0.012 min
Lab File: VD075681.D
Acq: 14 Apr 2023 15:58

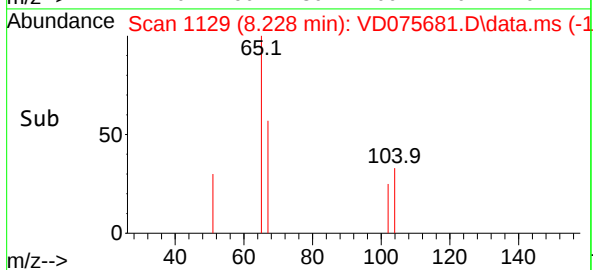
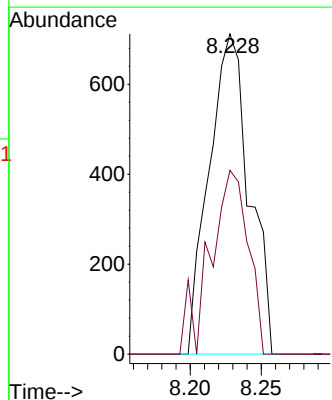
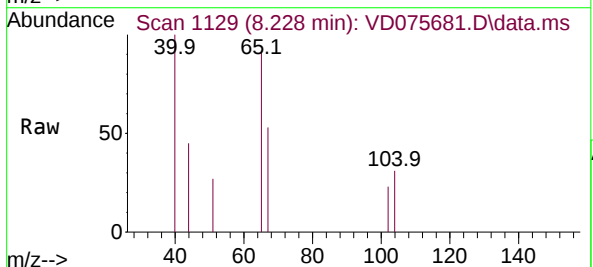
Instrument :
MSVOA_D
ClientSampleId :
EO-01-041223RE

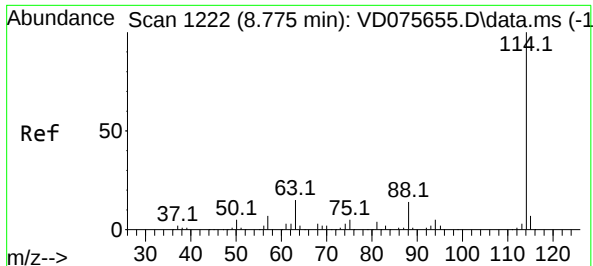
Tgt Ion:168 Resp: 1881
Ion Ratio Lower Upper
168 100
99 34.7 43.8 65.6#



#33
1,2-Dichloroethane-d4
Concen: 78.692 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD075681.D
Acq: 14 Apr 2023 15:58

Tgt Ion: 65 Resp: 1405
Ion Ratio Lower Upper
65 100
67 54.4 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD075681.D

Acq: 14 Apr 2023 15:58

Instrument :

MSVOA_D

ClientSampleId :

EO-01-041223RE

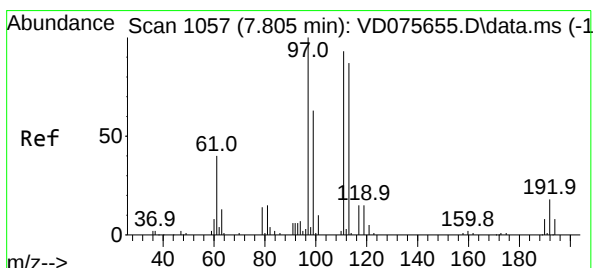
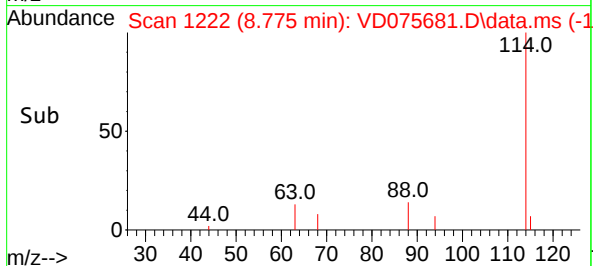
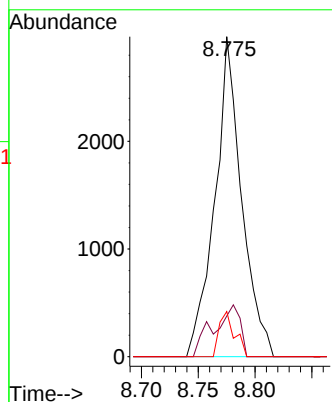
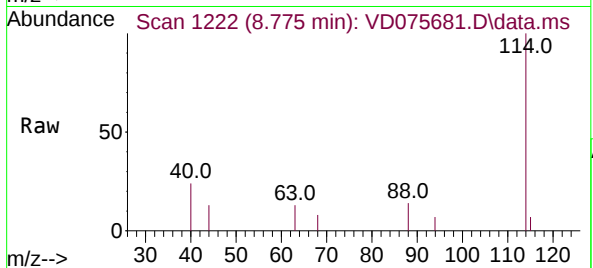
Tgt Ion:114 Resp: 4876

Ion Ratio Lower Upper

114 100

63 12.7 0.0 41.6

88 14.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 58.605 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.012 min

Lab File: VD075681.D

Acq: 14 Apr 2023 15:58

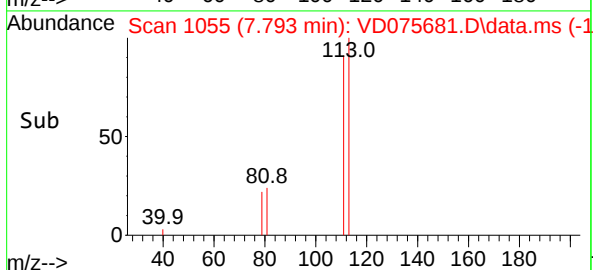
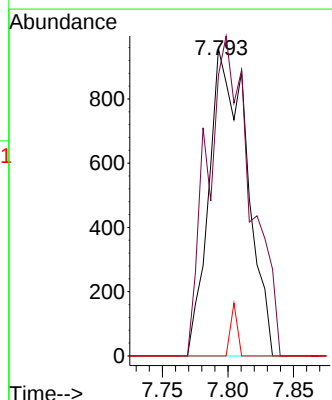
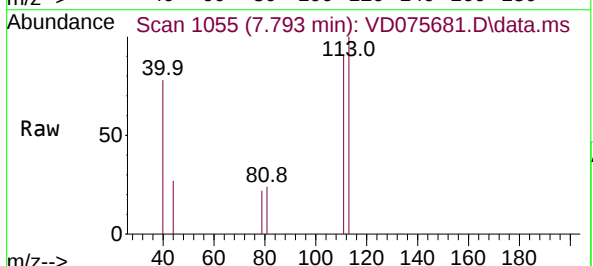
Tgt Ion:113 Resp: 1922

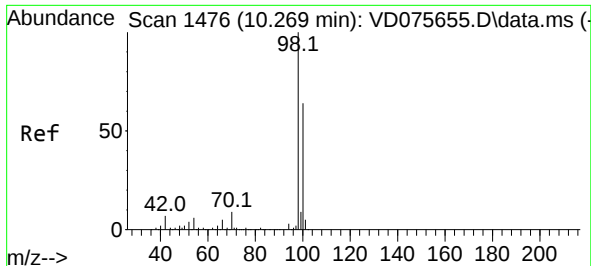
Ion Ratio Lower Upper

113 100

111 119.1 81.4 122.0

192 3.0 15.2 22.8#

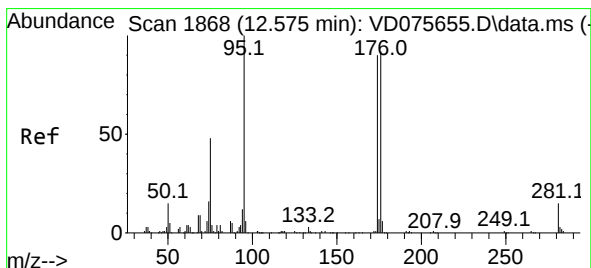
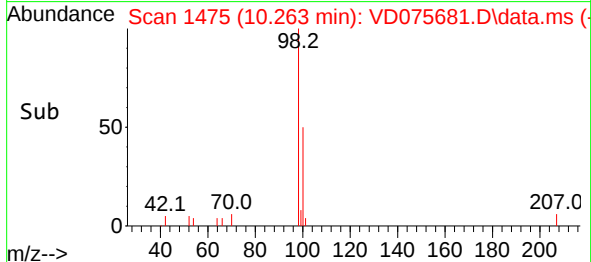
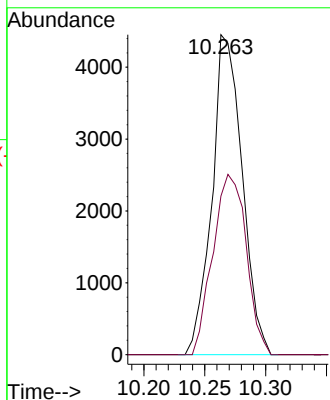
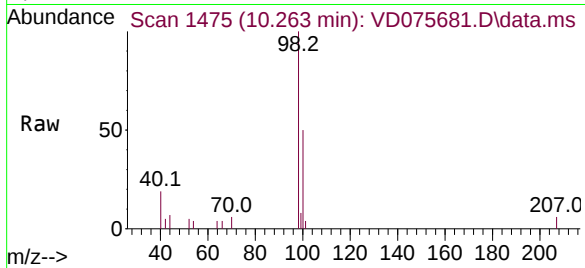




#50
Toluene-d8
Concen: 58.599 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VD075681.D
Acq: 14 Apr 2023 15:58

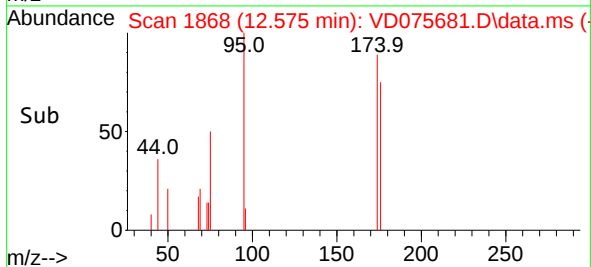
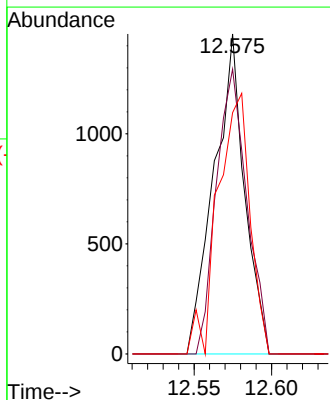
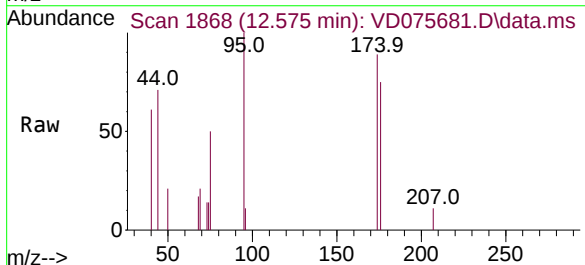
Instrument :
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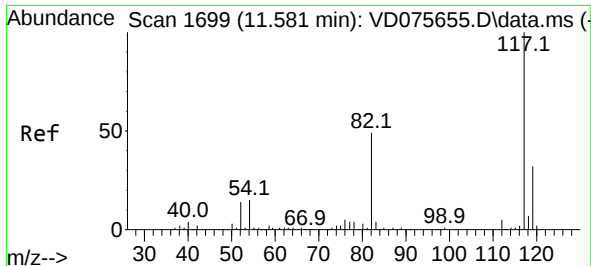
Tgt Ion: 98 Resp: 7696
Ion Ratio Lower Upper
98 100
100 62.2 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 57.093 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075681.D
Acq: 14 Apr 2023 15:58

Tgt Ion: 95 Resp: 1993
Ion Ratio Lower Upper
95 100
174 88.8 0.0 164.0
176 85.4 0.0 156.8

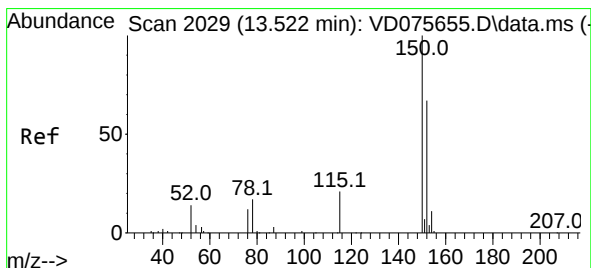
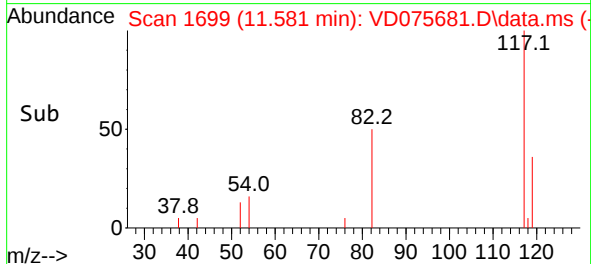
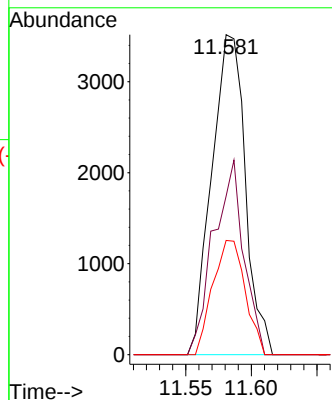
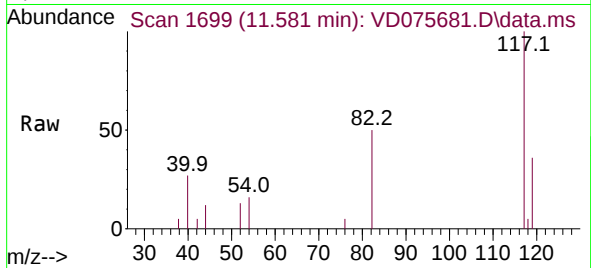




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075681.D
Acq: 14 Apr 2023 15:58

Instrument :
MSVOA_D
ClientSampleId :
EO-01-041223RE

Tgt Ion:117	Resp:	6256
Ion	Ratio	Lower Upper
117	100	
82	49.6	44.0 66.0
119	35.7	25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. -0.012 min
Lab File: VD075681.D
Acq: 14 Apr 2023 15:58

Tgt Ion:152	Resp:	2348
Ion	Ratio	Lower Upper
152	100	
115	43.2	30.1 90.3
150	166.8	0.0 364.8

