

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041923\
 Data File : VD075746.D
 Acq On : 19 Apr 2023 13:52
 Operator : KP/SY
 Sample : 02384-01RE
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ROLL-OFF-8PT-COMPARE

Quant Time: Apr 20 06:00:30 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	21813	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	47420	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	47855	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	15482	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	24367	117.688	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	235.380%#
35) Dibromofluoromethane	7.810	113	21817	68.403	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	136.800%
50) Toluene-d8	10.269	98	53600	41.965	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	83.940%
62) 4-Bromofluorobenzene	12.575	95	14386	42.375	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.760%

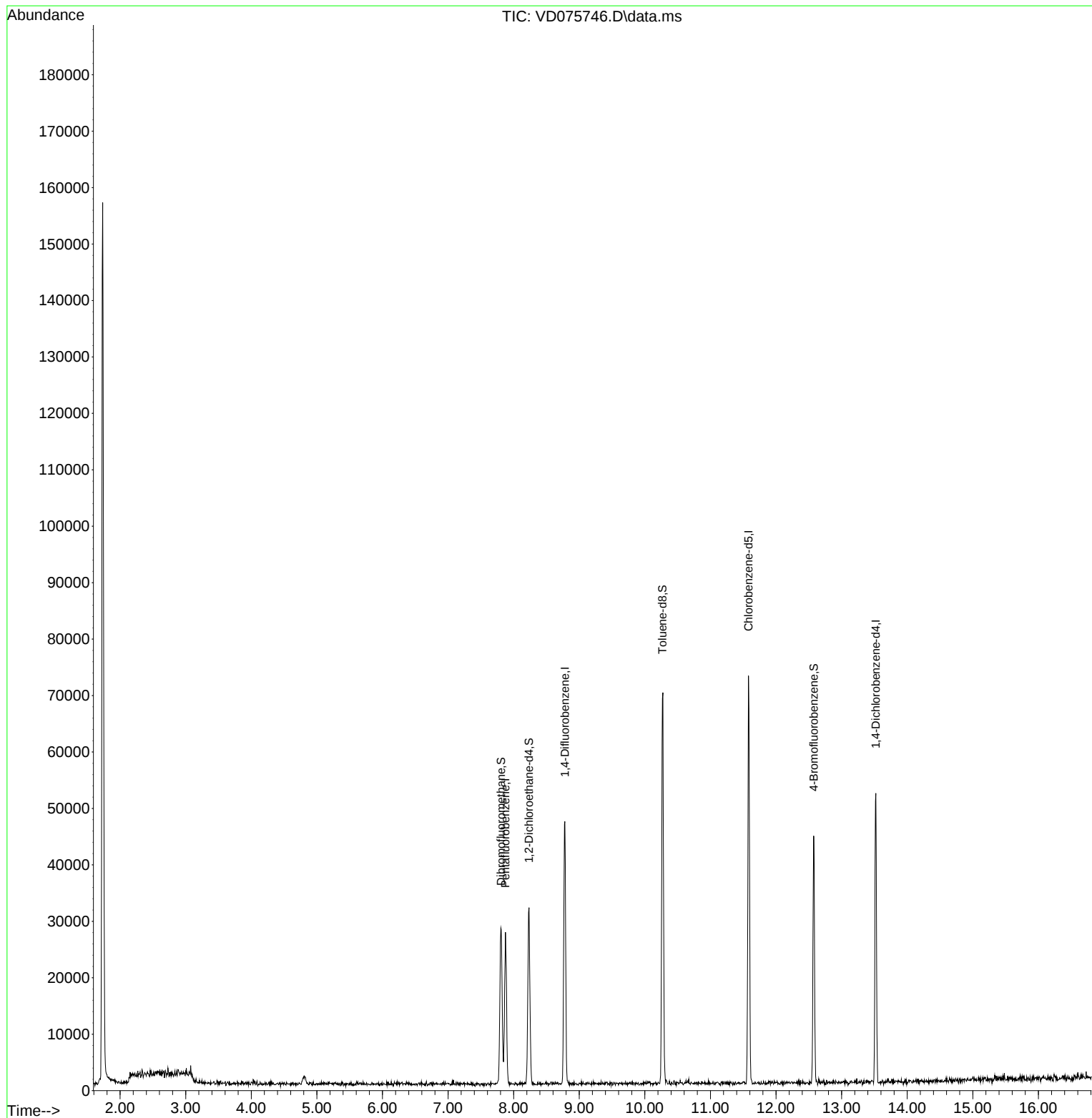
Target Compounds	Qvalue

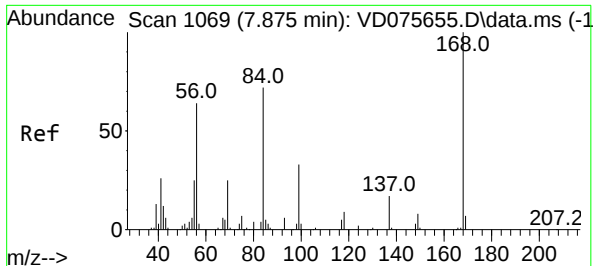
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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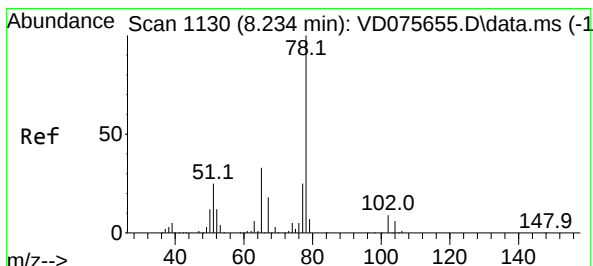
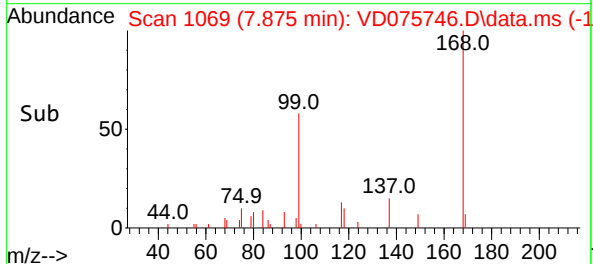
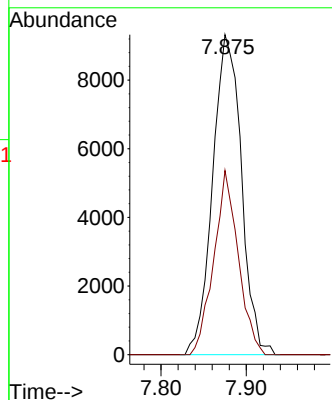
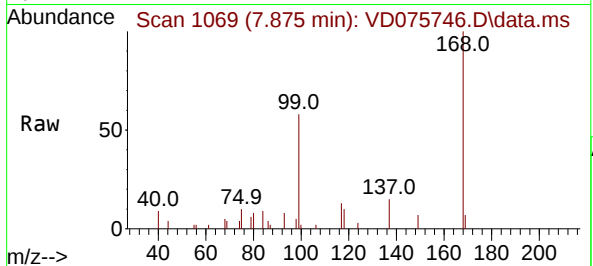




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075746.D
Acq: 19 Apr 2023 13:52

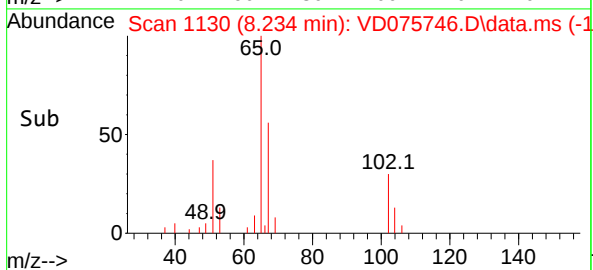
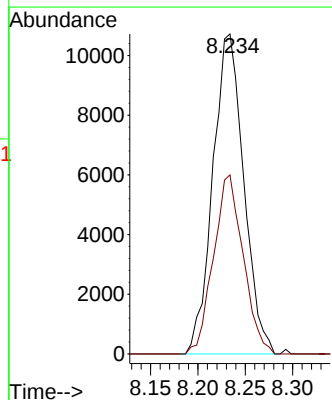
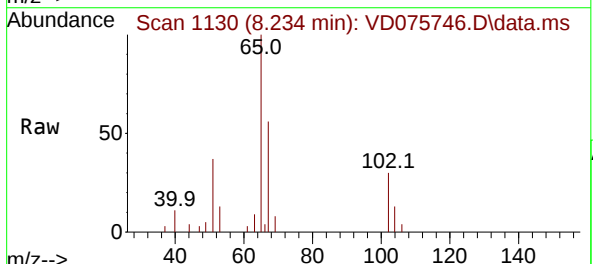
Instrument :
MSVOA_D
ClientSampleId :
ROLL-OFF-8PT-COMP

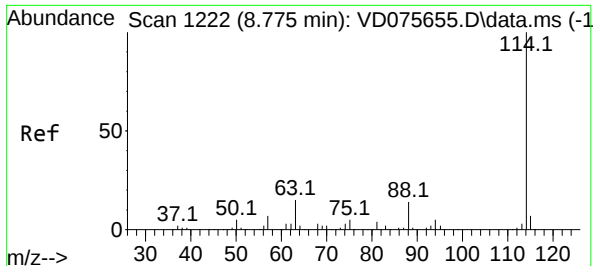
Tgt Ion:168 Resp: 21813
Ion Ratio Lower Upper
168 100
99 57.5 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 117.688 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD075746.D
Acq: 19 Apr 2023 13:52

Tgt Ion: 65 Resp: 24367
Ion Ratio Lower Upper
65 100
67 53.7 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD075746.D

Acq: 19 Apr 2023 13:52

Instrument :

MSVOA_D

ClientSampleId :

ROLL-OFF-8PT-COMP

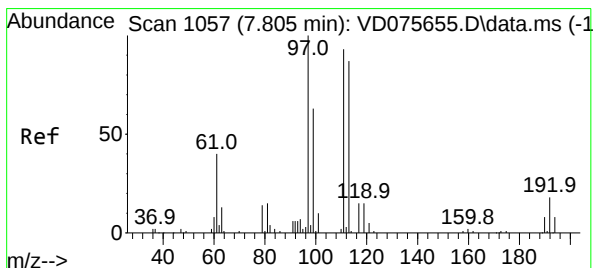
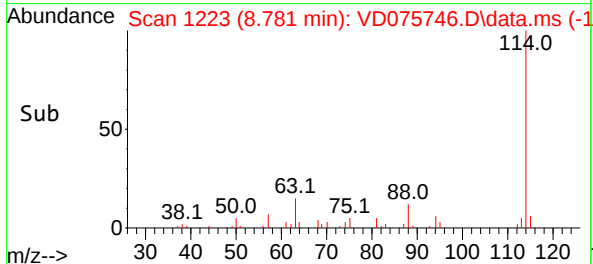
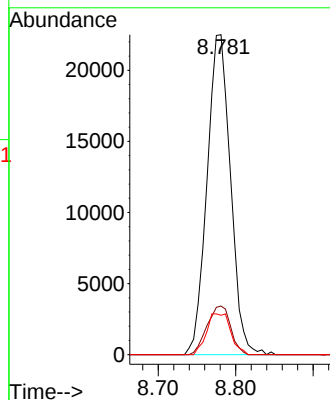
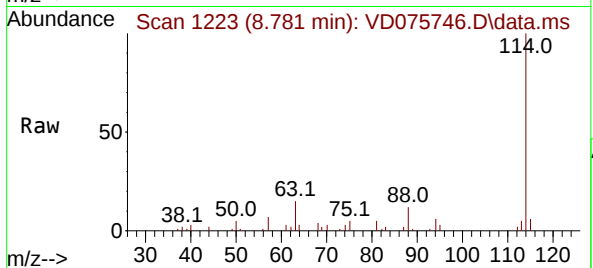
Tgt Ion:114 Resp: 47420

Ion Ratio Lower Upper

114 100

63 15.2 0.0 41.6

88 12.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 68.403 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD075746.D

Acq: 19 Apr 2023 13:52

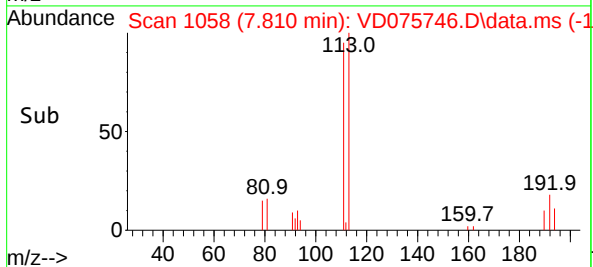
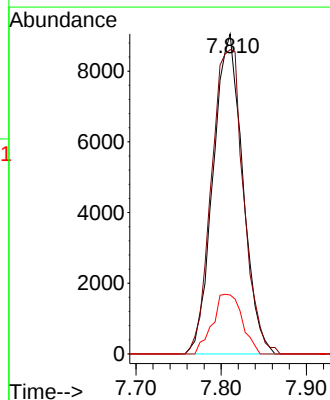
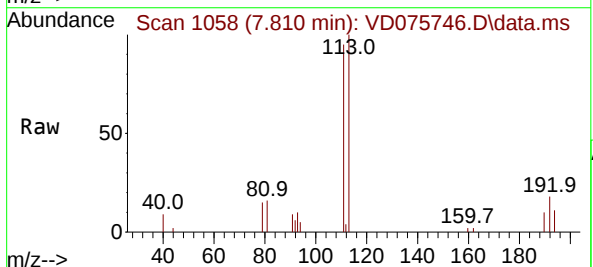
Tgt Ion:113 Resp: 21817

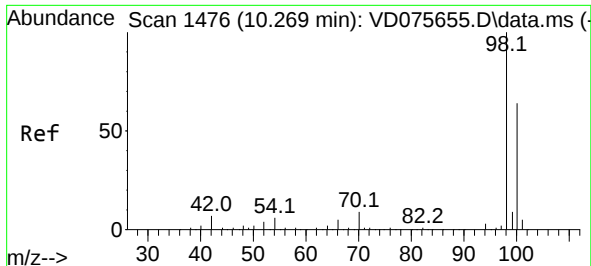
Ion Ratio Lower Upper

113 100

111 102.9 81.4 122.0

192 18.6 15.2 22.8

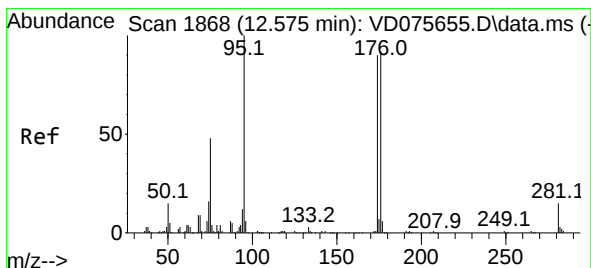
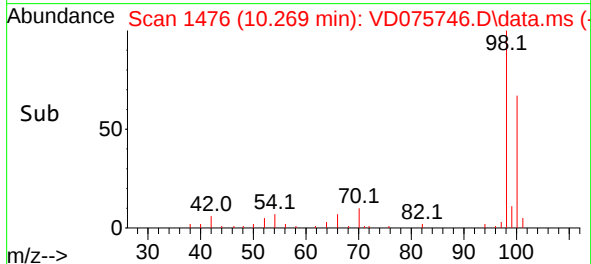
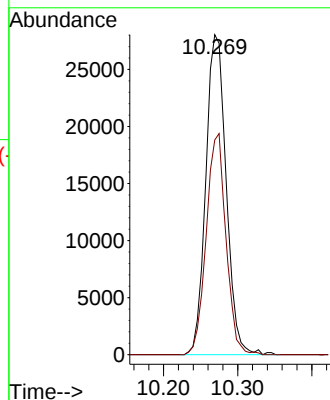
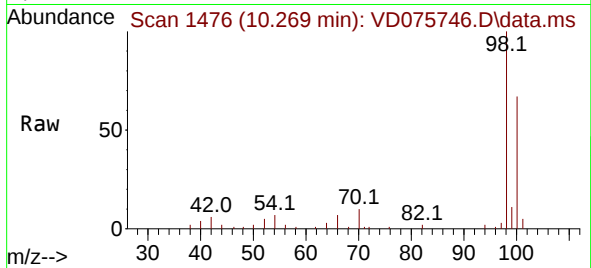




#50
Toluene-d8
Concen: 41.965 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075746.D
Acq: 19 Apr 2023 13:52

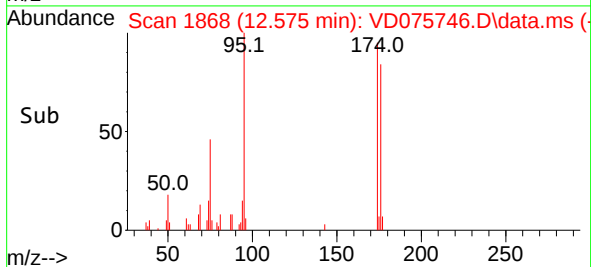
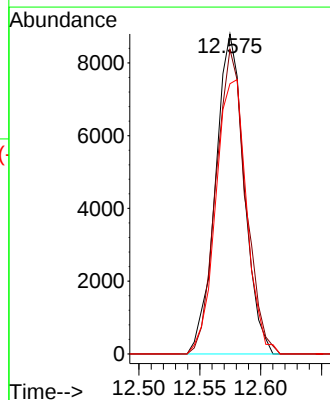
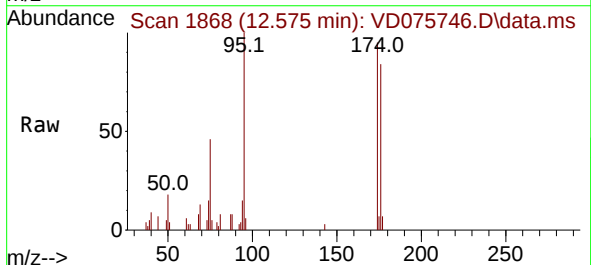
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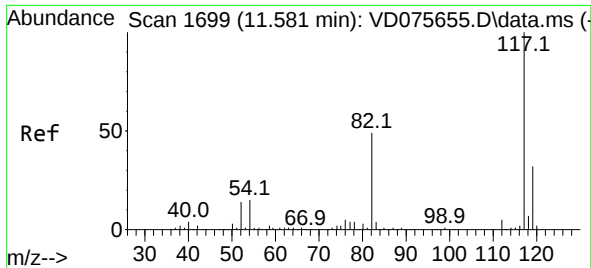
Tgt Ion: 98 Resp: 53600
Ion Ratio Lower Upper
98 100
100 67.0 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 42.375 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075746.D
Acq: 19 Apr 2023 13:52

Tgt Ion: 95 Resp: 14386
Ion Ratio Lower Upper
95 100
174 98.0 0.0 164.0
176 92.2 0.0 156.8

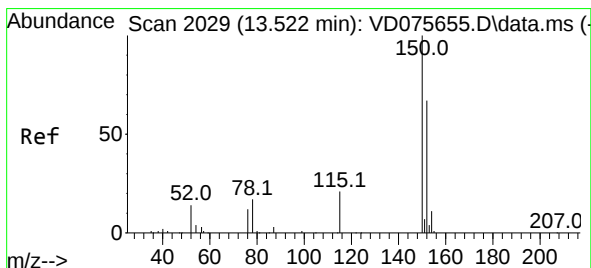
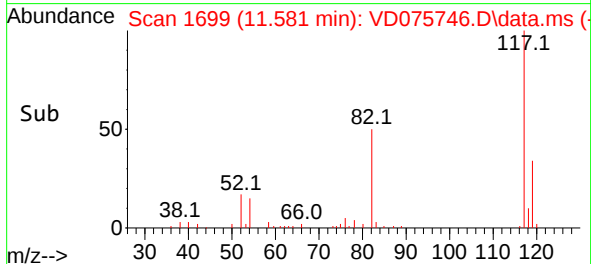
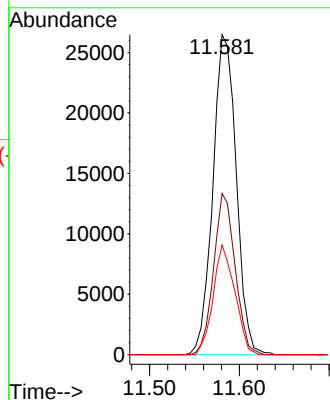
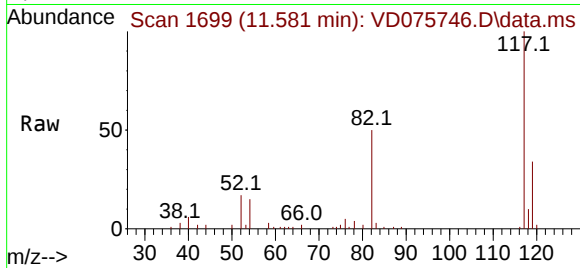




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD075746.D
Acq: 19 Apr 2023 13:52

Instrument :
MSVOA_D
ClientSampleId :
ROLL-OFF-8PT-COMP

Tgt Ion:117	Resp:	47855
Ion	Ratio	Lower Upper
117	100	
82	50.4	44.0 66.0
119	34.3	25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075746.D
Acq: 19 Apr 2023 13:52

Tgt Ion:152	Resp:	15482
Ion	Ratio	Lower Upper
152	100	
115	51.1	30.1 90.3
150	163.0	0.0 364.8

