

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020824\
 Data File : VD078379.D
 Acq On : 08 Feb 2024 19:50
 Operator : RP/MD
 Sample : P1394-05
 Misc : 4.75G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DUP-020624

Quant Time: Feb 09 03:14:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 03:58:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	57665	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	134506	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	157305	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	74599	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	45938	64.352	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.700%
35) Dibromofluoromethane	7.804	113	50086	52.304	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.600%
50) Toluene-d8	10.269	98	178392	49.205	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.420%
62) 4-Bromofluorobenzene	12.569	95	65028	59.894	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	119.780%

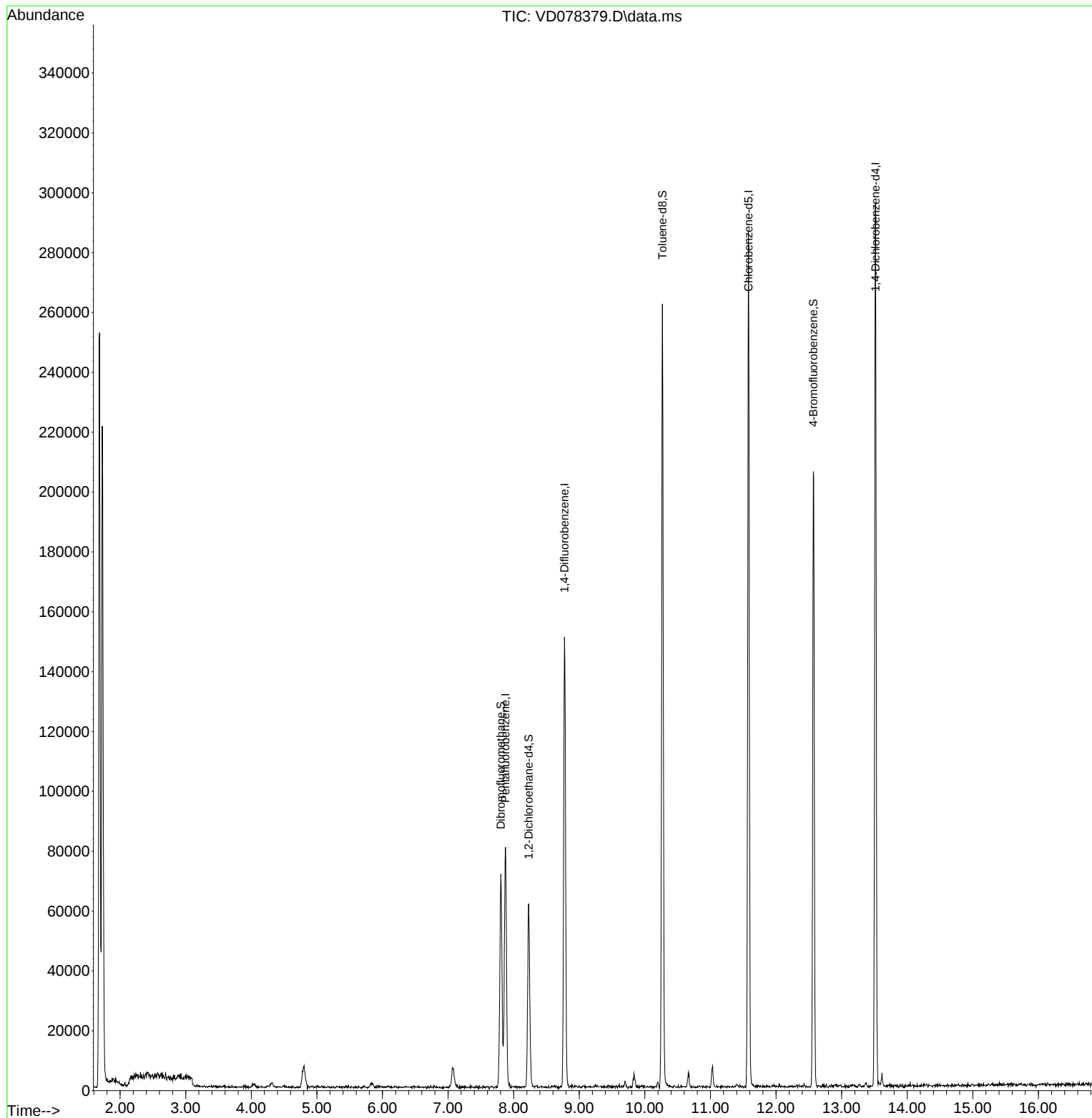
Target Compounds	Qvalue

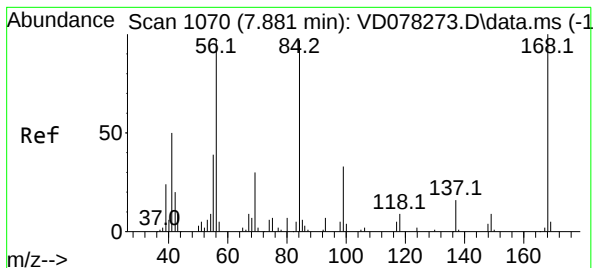
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1109

Delta R.T. -0.006 min

Lab File: VD078379.D

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Instrument :

MSVOA_D

ClientSampleId :

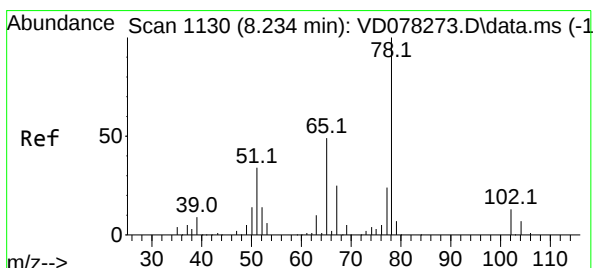
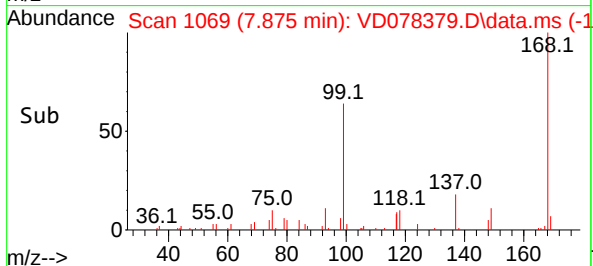
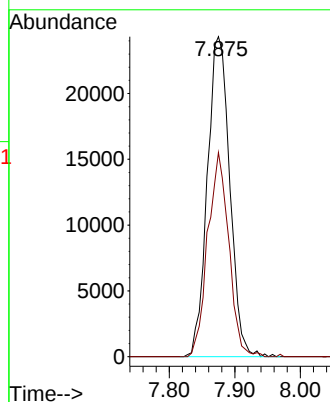
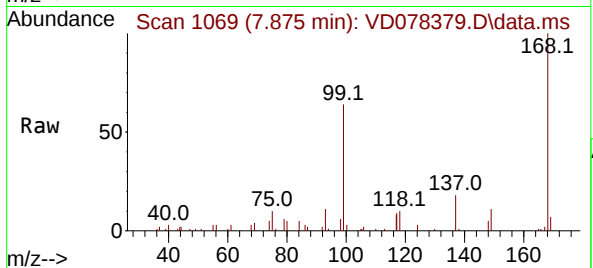
DUP-020624

Tgt Ion:168 Resp: 57665

Ion Ratio Lower Upper

168 100

99 63.8 36.7 55.1#



#33

1,2-Dichloroethane-d4

Concen: 64.352 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078379.D

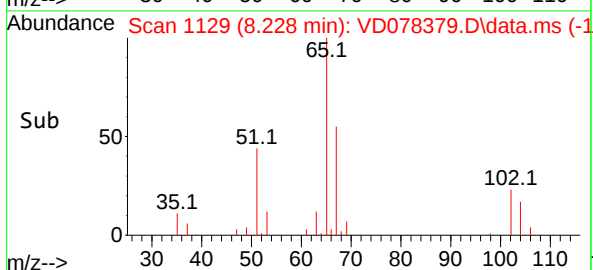
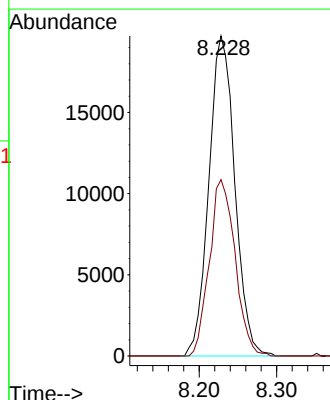
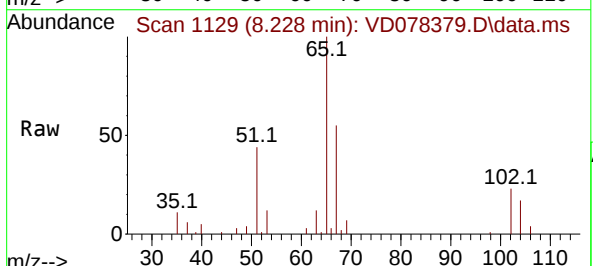
Acq: 08 Feb 2024 19:50

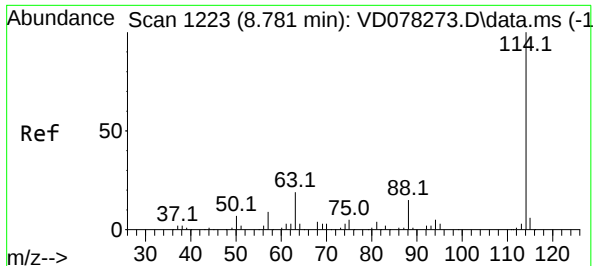
Tgt Ion: 65 Resp: 45938

Ion Ratio Lower Upper

65 100

67 54.6 0.0 115.0

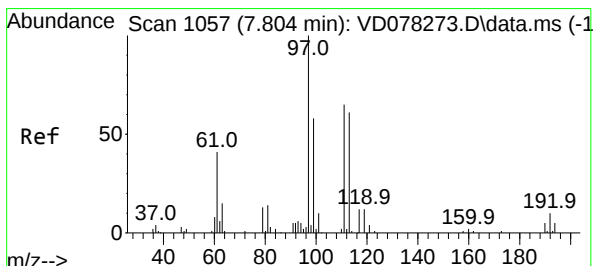
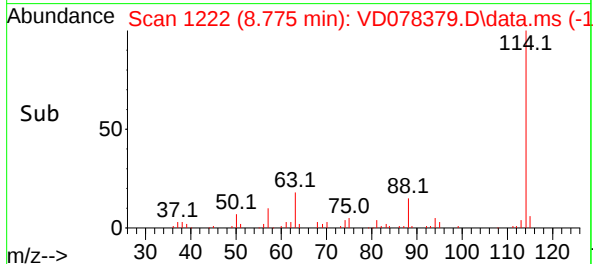
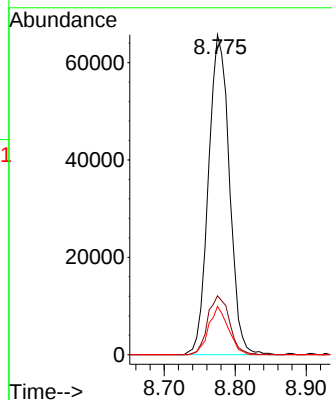
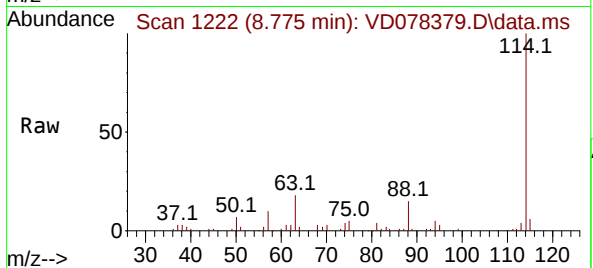




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078379.D
Acq: 08 Feb 2024 19:50

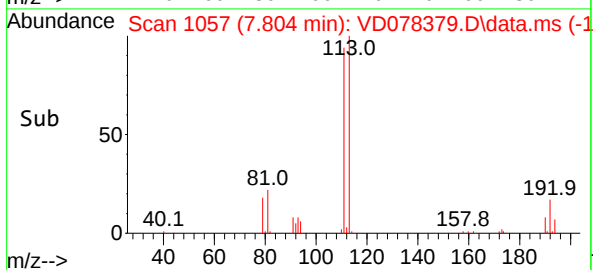
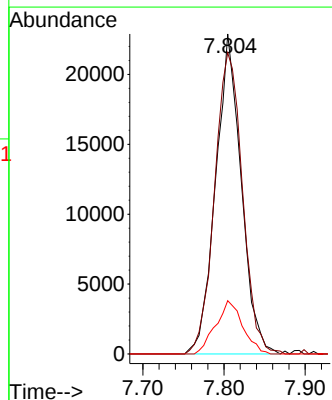
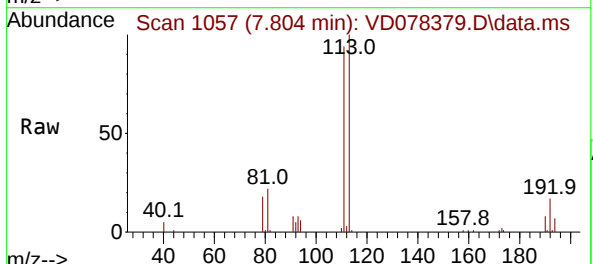
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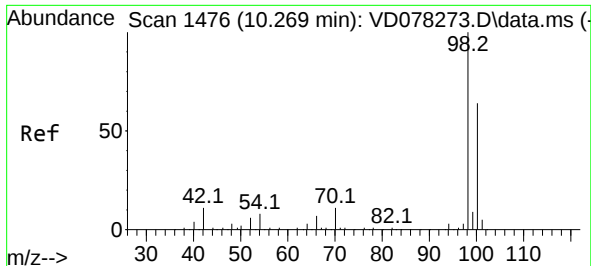
Tgt Ion:114 Resp: 134506
Ion Ratio Lower Upper
114 100
63 18.4 0.0 33.4
88 15.1 0.0 26.2



#35
Dibromofluoromethane
Concen: 52.304 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD078379.D
Acq: 08 Feb 2024 19:50

Tgt Ion:113 Resp: 50086
Ion Ratio Lower Upper
113 100
111 102.5 84.7 127.1
192 17.6 16.8 25.2

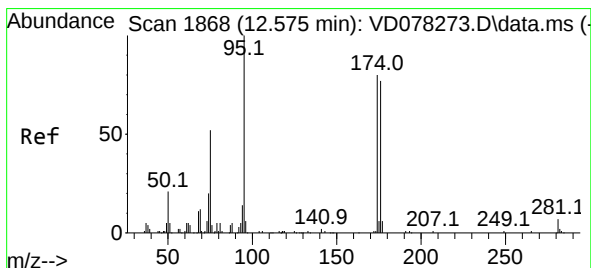
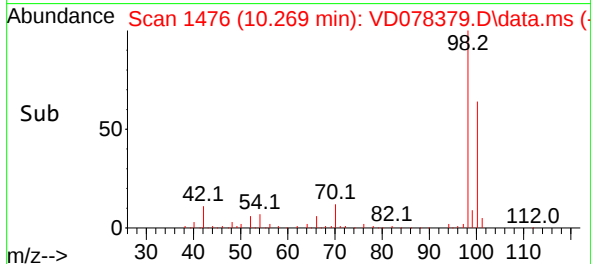
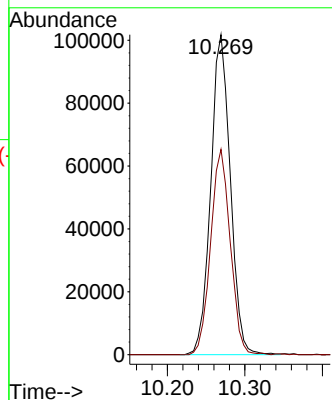
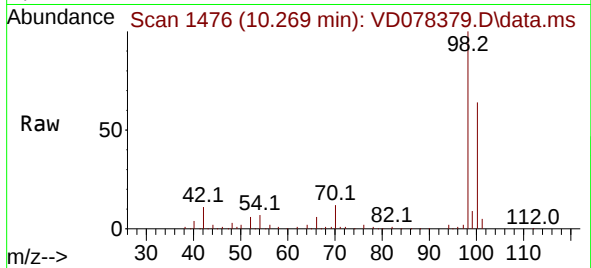




#50
Toluene-d8
Concen: 49.205 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078379.D
Acq: 08 Feb 2024 19:50

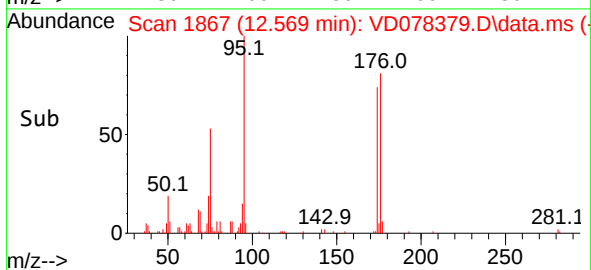
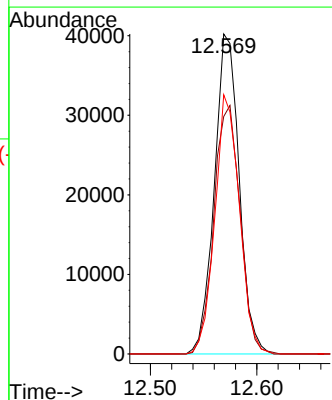
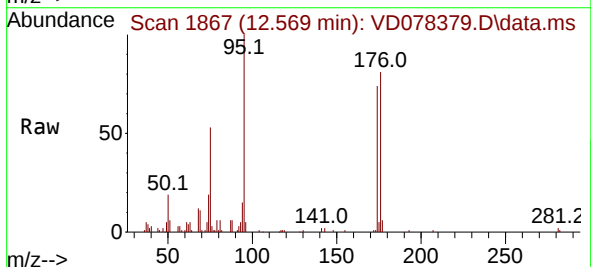
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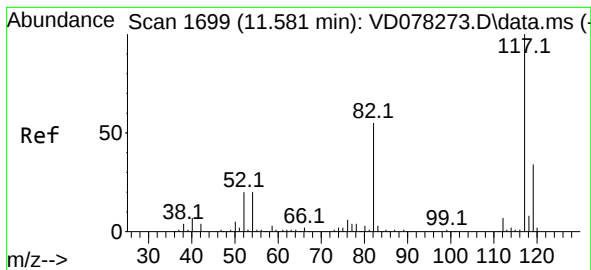
Tgt Ion: 98 Resp: 178392
Ion Ratio Lower Upper
98 100
100 64.3 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 59.894 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD078379.D
Acq: 08 Feb 2024 19:50

Tgt Ion: 95 Resp: 65028
Ion Ratio Lower Upper
95 100
174 82.3 0.0 201.8
176 80.3 0.0 191.8

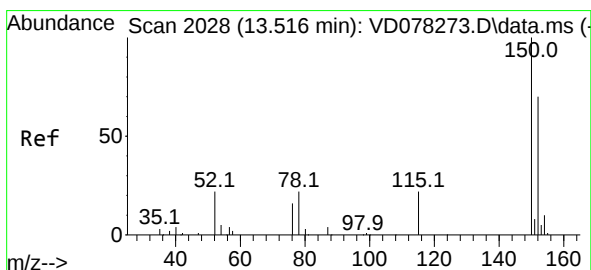
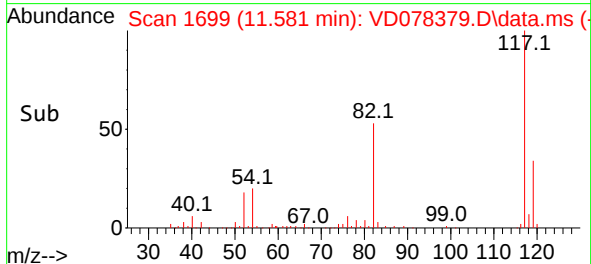
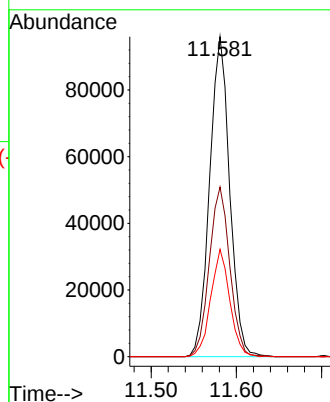
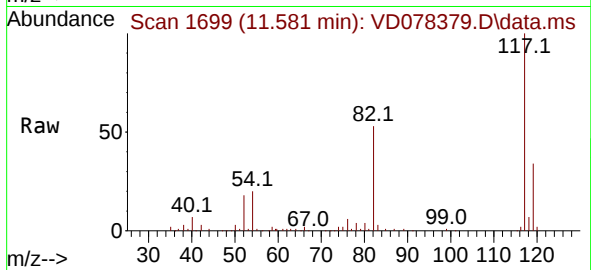




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD078379.D
Acq: 08 Feb 2024 19:50

Instrument :
MSVOA_D
ClientSampleId :
DUP-020624

Tgt Ion:117 Resp: 157305
Ion Ratio Lower Upper
117 100
82 53.0 38.3 57.5
119 33.5 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078379.D
Acq: 08 Feb 2024 19:50

Tgt Ion:152 Resp: 74599
Ion Ratio Lower Upper
152 100
115 60.3 27.1 81.3
150 162.2 0.0 353.6

