

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122023\
 Data File : VD078014.D
 Acq On : 21 Dec 2023 01:46
 Operator : RP/MD
 Sample : 05876-04
 Misc : 4.13G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 COLW8

Quant Time: Dec 21 05:33:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

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

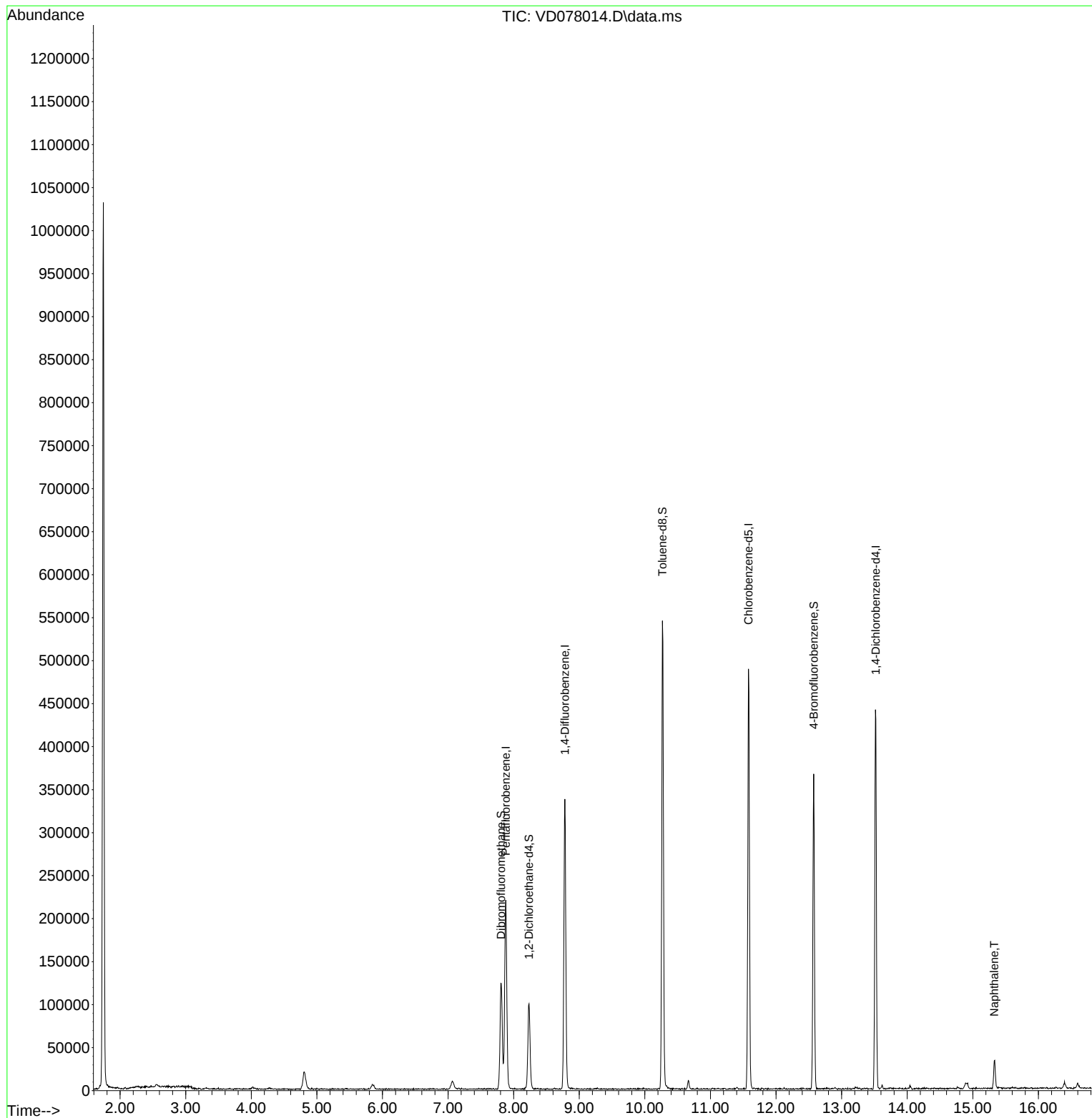
Internal Standards						
1) Pentafluorobenzene	7.881	168	167017	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	302575	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	285988	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	118481	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	79152	40.218	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	80.440%
35) Dibromofluoromethane	7.810	113	91123	42.994	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.980%
50) Toluene-d8	10.269	98	384901	45.343	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.680%
62) 4-Bromofluorobenzene	12.575	95	107922	42.524	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.040%
Target Compounds						
95) Naphthalene	15.328	128	28236	6.773	ug/l	Qvalue 99

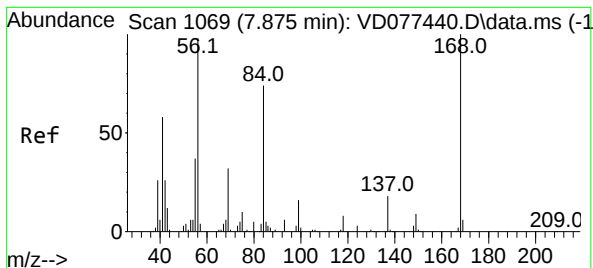
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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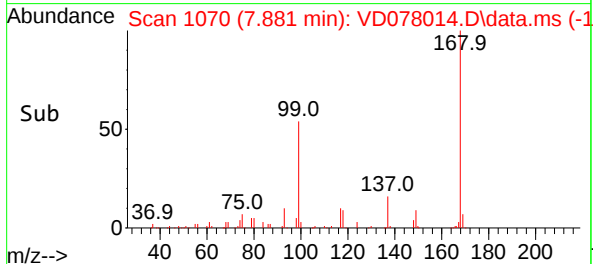
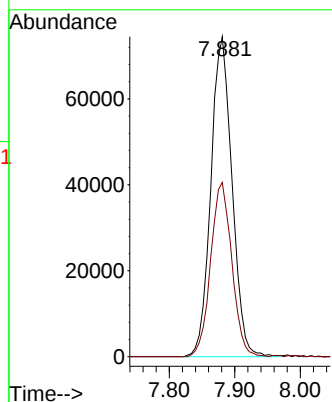
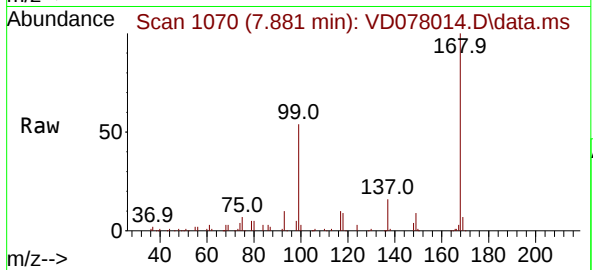




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 110
Delta R.T. 0.006 min
Lab File: VD078014.D
Acq: 21 Dec 2023 01:46

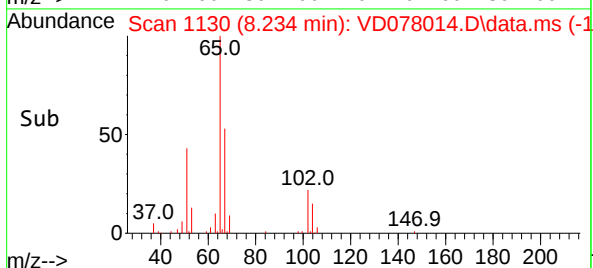
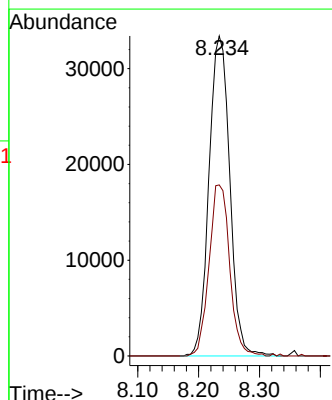
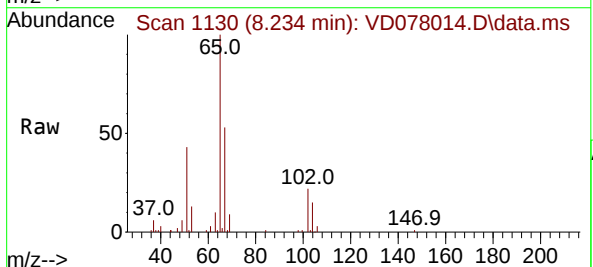
Instrument :
MSVOA_D
ClientSampleId :
COLW8

Tgt Ion:168 Resp: 167017
Ion Ratio Lower Upper
168 100
99 54.4 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 40.218 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD078014.D
Acq: 21 Dec 2023 01:46

Tgt Ion: 65 Resp: 79152
Ion Ratio Lower Upper
65 100
67 53.0 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD078014.D

Acq: 21 Dec 2023 01:46

Instrument :

MSVOA_D

ClientSampleId :

COLW8

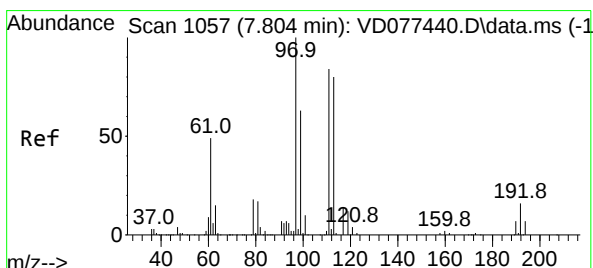
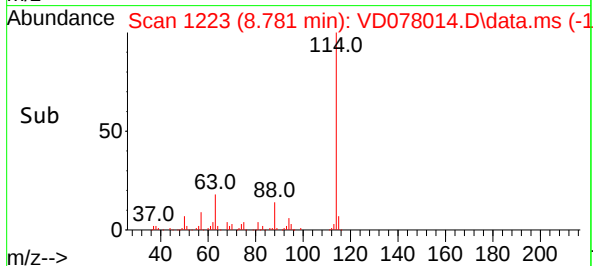
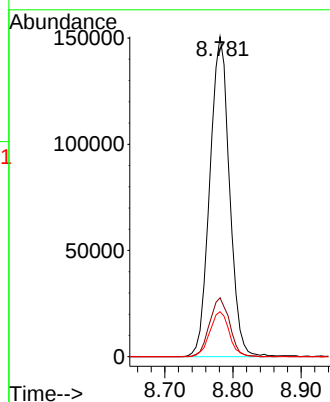
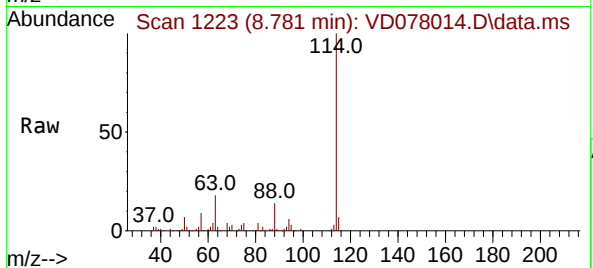
Tgt Ion:114 Resp: 302575

Ion Ratio Lower Upper

114 100

63 18.4 0.0 33.4

88 14.1 0.0 26.2



#35

Dibromofluoromethane

Concen: 42.994 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD078014.D

Acq: 21 Dec 2023 01:46

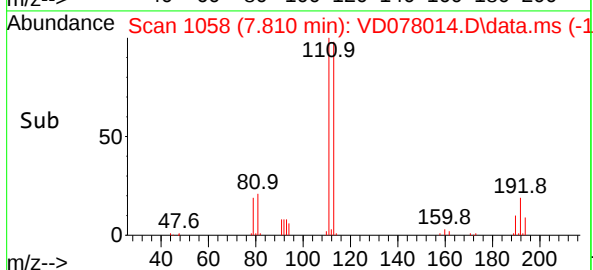
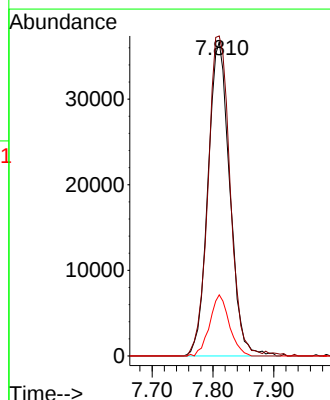
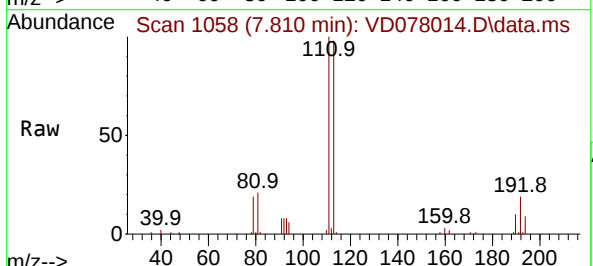
Tgt Ion:113 Resp: 91123

Ion Ratio Lower Upper

113 100

111 103.0 84.7 127.1

192 17.5 16.8 25.2

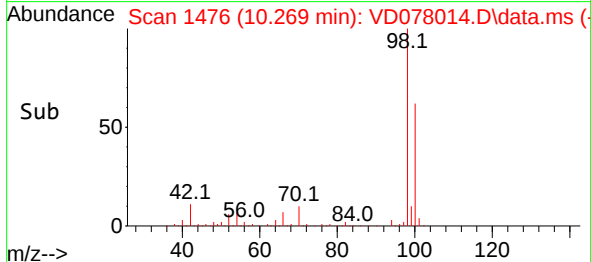
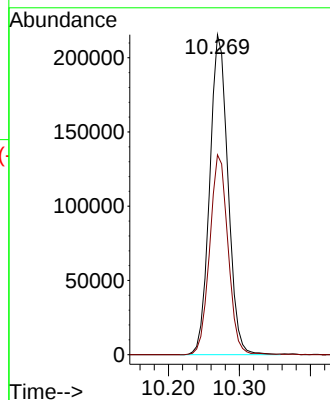
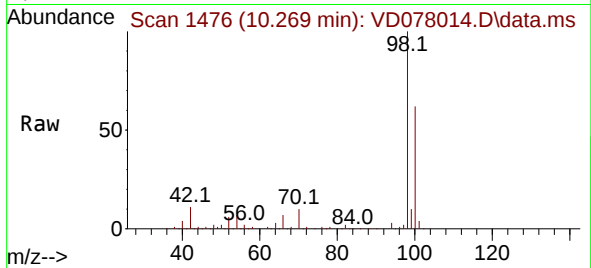




#50
Toluene-d8
Concen: 45.343 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078014.D
Acq: 21 Dec 2023 01:46

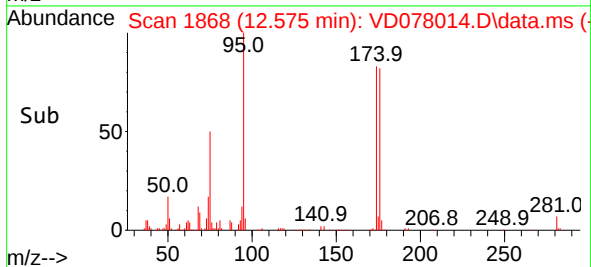
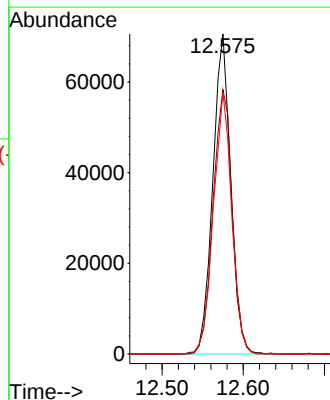
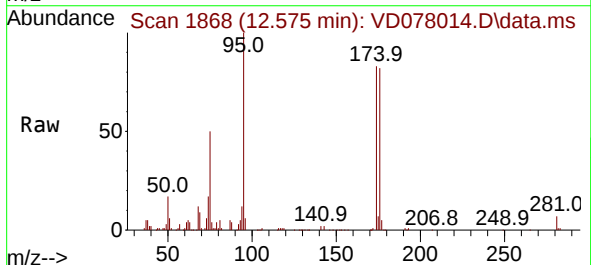
Instrument :
MSVOA_D
ClientSampleId :
COLW8

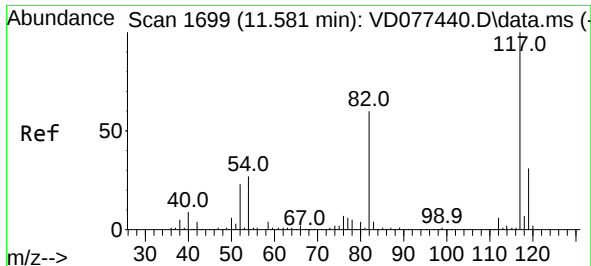
Tgt Ion: 98 Resp: 384901
Ion Ratio Lower Upper
98 100
100 62.6 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 42.524 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078014.D
Acq: 21 Dec 2023 01:46

Tgt Ion: 95 Resp: 107922
Ion Ratio Lower Upper
95 100
174 88.8 0.0 201.8
176 83.6 0.0 191.8

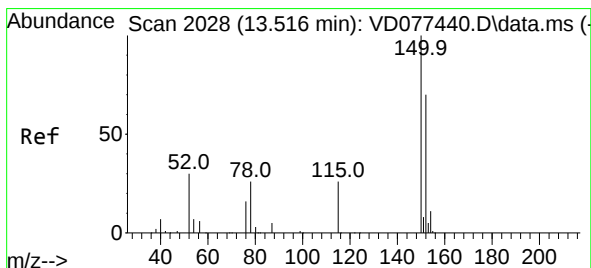
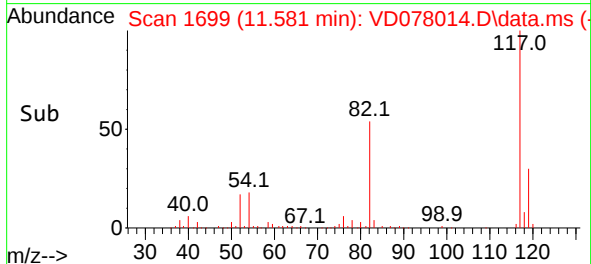
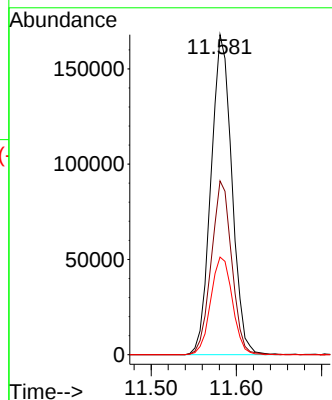
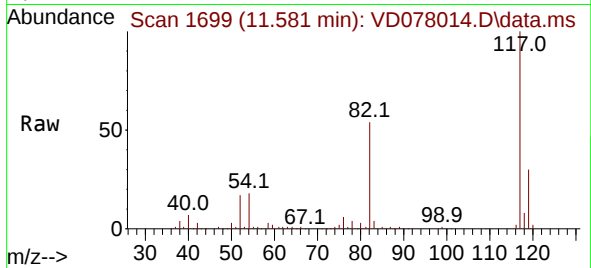




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078014.D
Acq: 21 Dec 2023 01:46

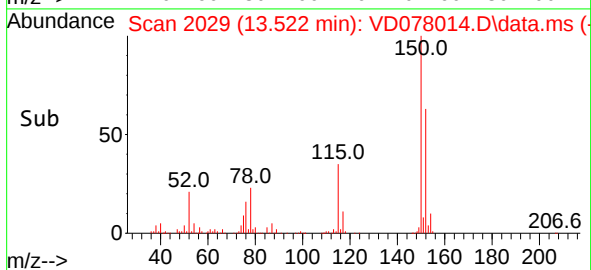
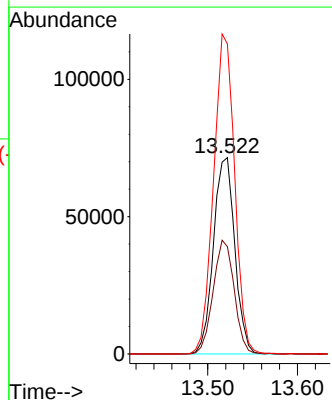
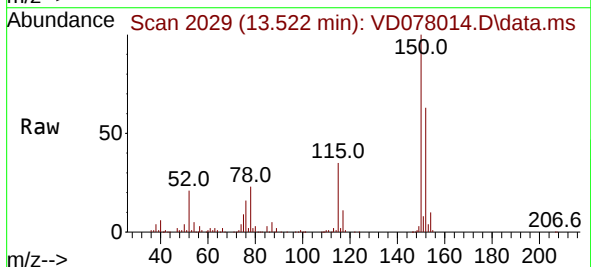
Instrument :
MSVOA_D
ClientSampleId :
COLW8

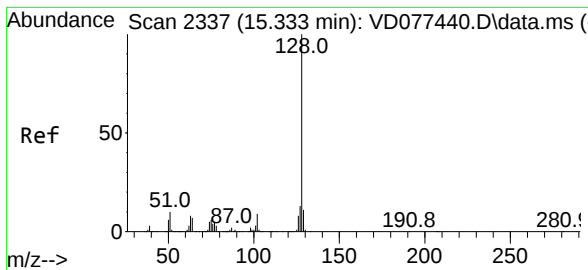
Tgt Ion:117 Resp: 285988
Ion Ratio Lower Upper
117 100
82 54.3 38.3 57.5
119 30.5 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD078014.D
Acq: 21 Dec 2023 01:46

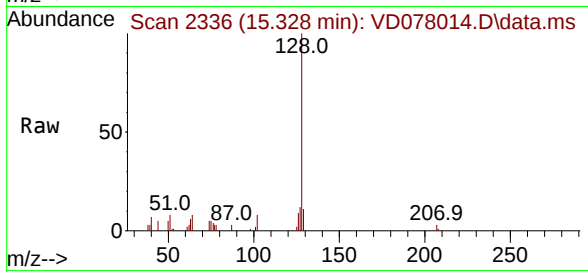
Tgt Ion:152 Resp: 118481
Ion Ratio Lower Upper
152 100
115 57.0 27.1 81.3
150 160.5 0.0 353.6





#95
Naphthalene
Concen: 6.773 ug/l
RT: 15.328 min Scan# 21
Delta R.T. -0.005 min
Lab File: VD078014.D
Acq: 21 Dec 2023 01:46

Instrument :
MSVOA_D
ClientSampleId :
COLW8



Tgt Ion:	128	Resp:	28236
Ion	Ratio	Lower	Upper
128	100		
127	12.2	10.5	15.7
129	11.1	8.7	13.1

