

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041123\
 Data File : VD075628.D
 Acq On : 11 Apr 2023 19:08
 Operator : KP/SY
 Sample : 02260-09
 Misc : 4.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1C

Quant Time: Apr 12 02:59:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041023S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 11 18:54:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	676	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	2045	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	1255	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.52

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	211	38.048	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	76.100%
35) Dibromofluoromethane	7.805	113	718	59.909	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	119.820%
50) Toluene-d8	10.269	98	1774	37.737	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	75.480%
62) 4-Bromofluorobenzene	12.581	95	68	3.124	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	6.240%#

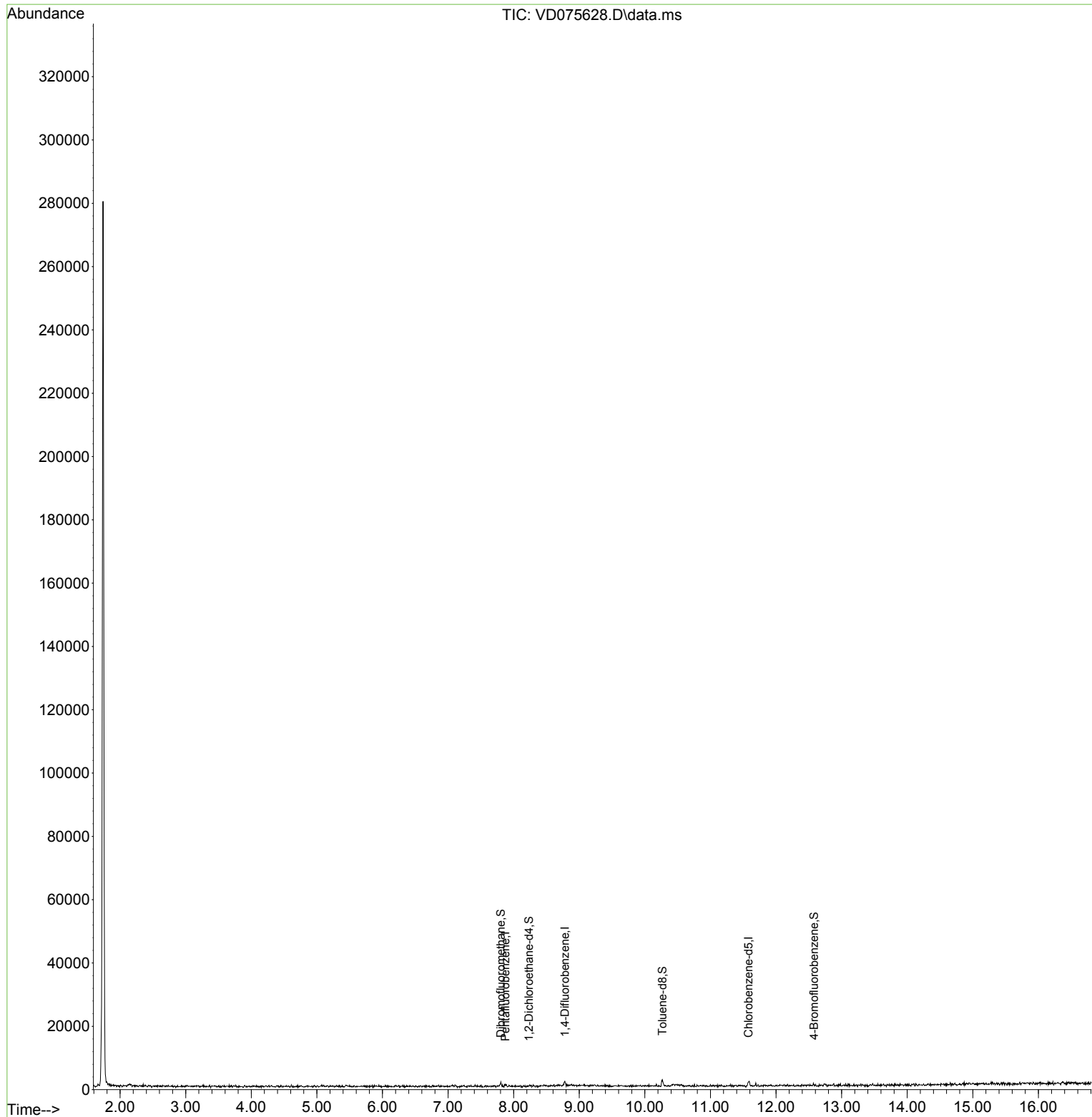
Target Compounds	Qvalue

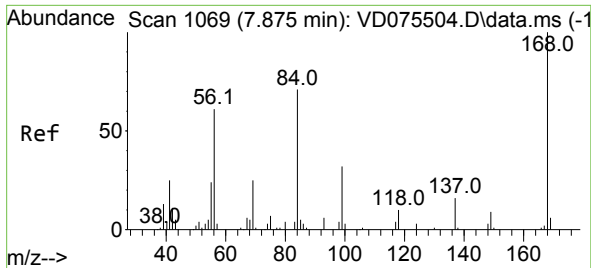
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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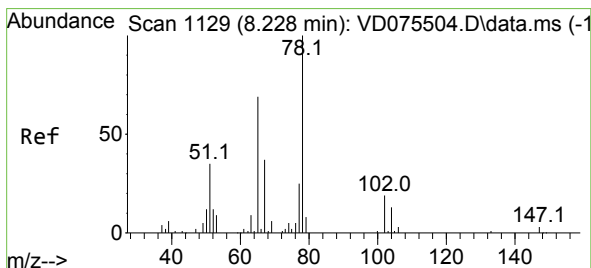
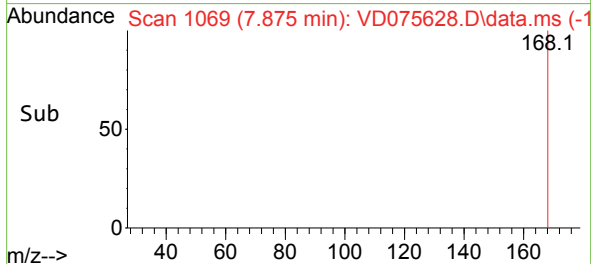
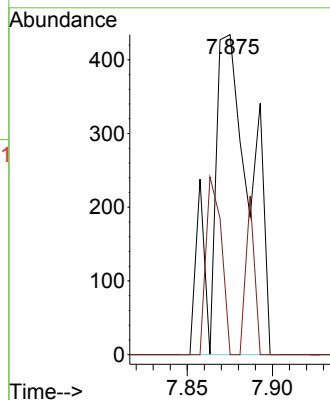
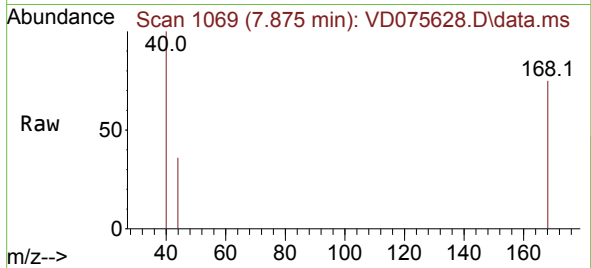




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD075628.D
Acq: 11 Apr 2023 19:08

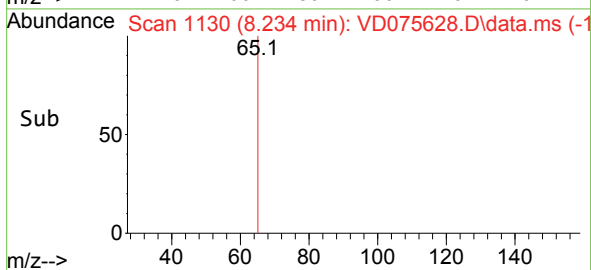
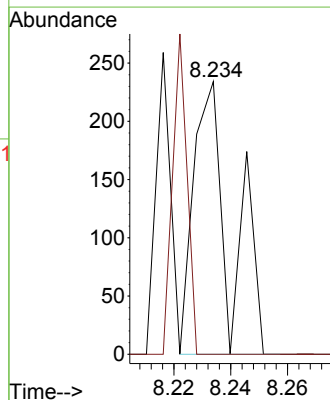
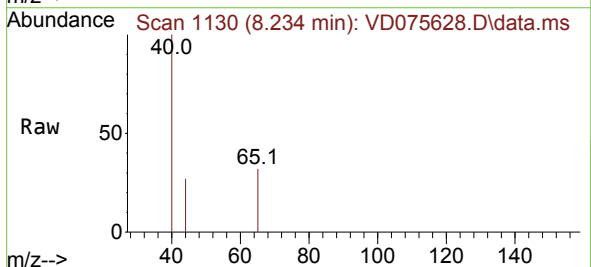
Instrument :
MSVOA_D
ClientSampleId :
SP-1C

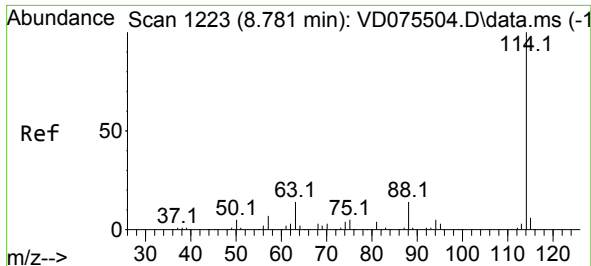
Tgt Ion:168 Resp: 676
Ion Ratio Lower Upper
168 100
99 0.0 43.8 65.6#



#33
1,2-Dichloroethane-d4
Concen: 38.048 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD075628.D
Acq: 11 Apr 2023 19:08

Tgt Ion: 65 Resp: 211
Ion Ratio Lower Upper
65 100
67 0.0 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD075628.D

Acq: 11 Apr 2023 19:08

Instrument :

MSVOA_D

ClientSampleId :

SP-1C

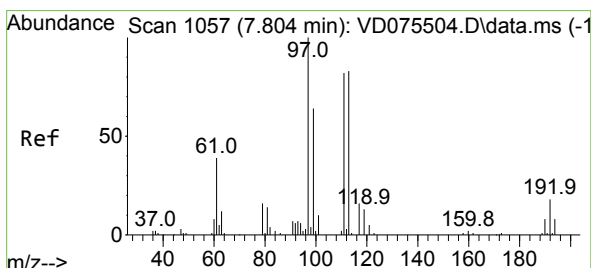
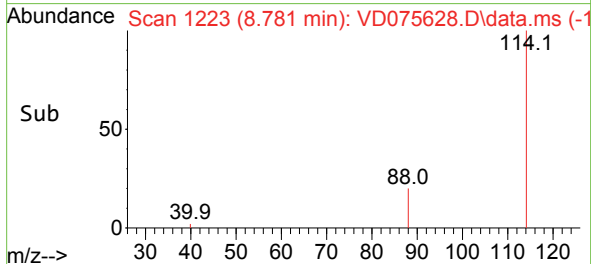
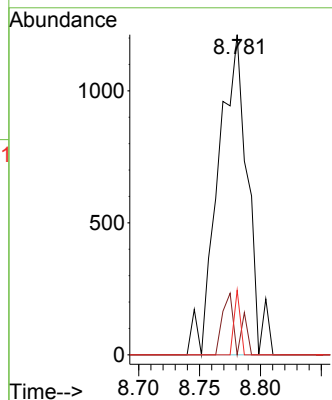
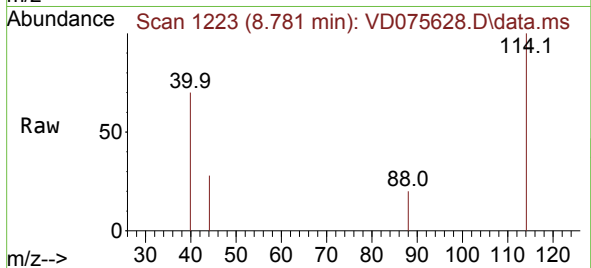
Tgt Ion:114 Resp: 2045

Ion Ratio Lower Upper

114 100

63 0.0 0.0 41.6

88 20.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 59.909 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD075628.D

Acq: 11 Apr 2023 19:08

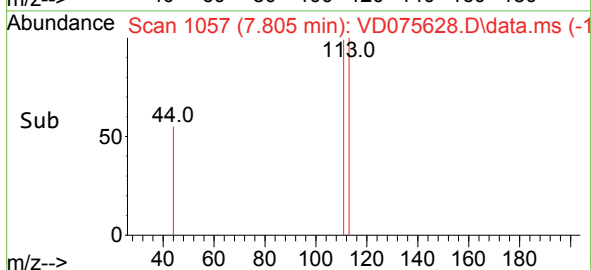
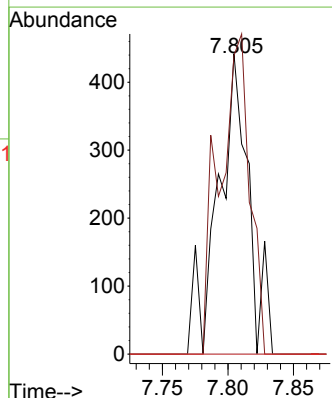
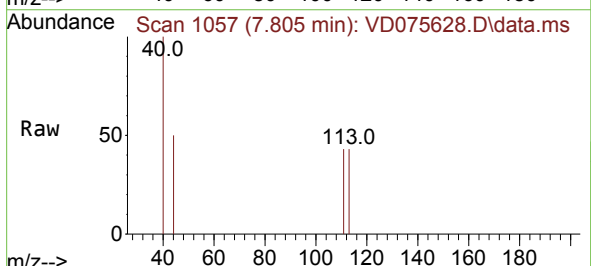
Tgt Ion:113 Resp: 718

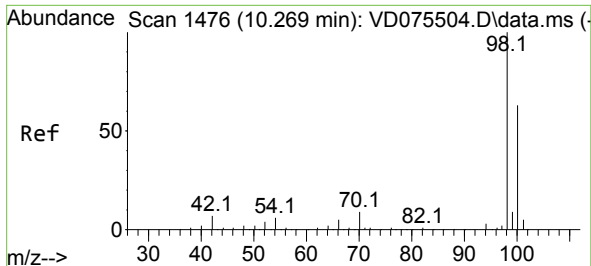
Ion Ratio Lower Upper

113 100

111 105.2 81.4 122.0

192 0.0 15.2 22.8#

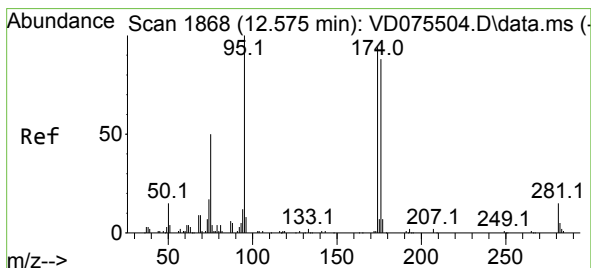
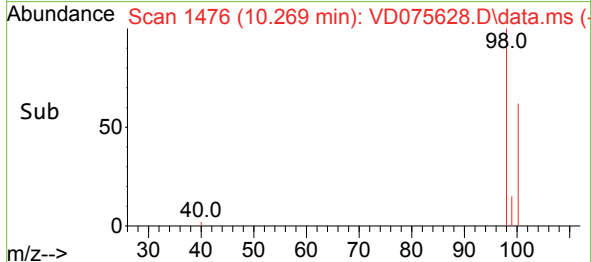
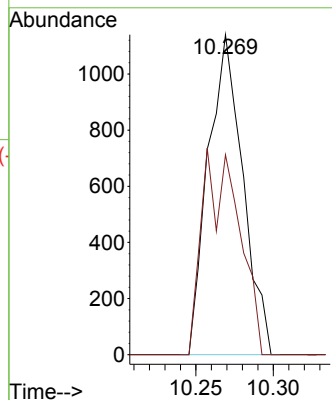
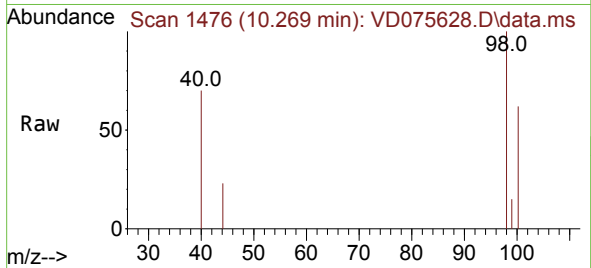




#50
Toluene-d8
Concen: 37.737 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075628.D
Acq: 11 Apr 2023 19:08

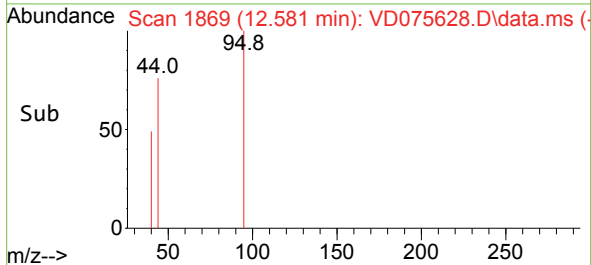
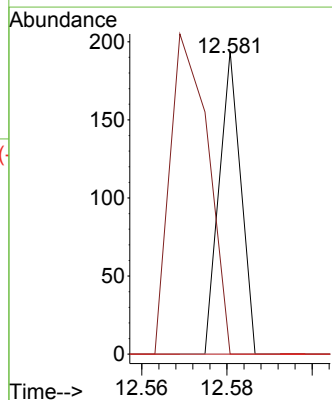
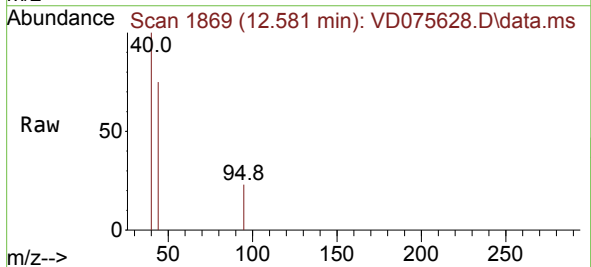
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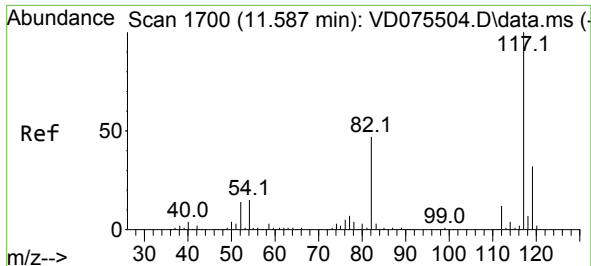
Tgt Ion: 98 Resp: 1774
Ion Ratio Lower Upper
98 100
100 68.2 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 3.124 ug/l
RT: 12.581 min Scan# 1869
Delta R.T. 0.006 min
Lab File: VD075628.D
Acq: 11 Apr 2023 19:08

Tgt Ion: 95 Resp: 68
Ion Ratio Lower Upper
95 100
174 186.8 0.0 164.0#
176 0.0 0.0 156.8

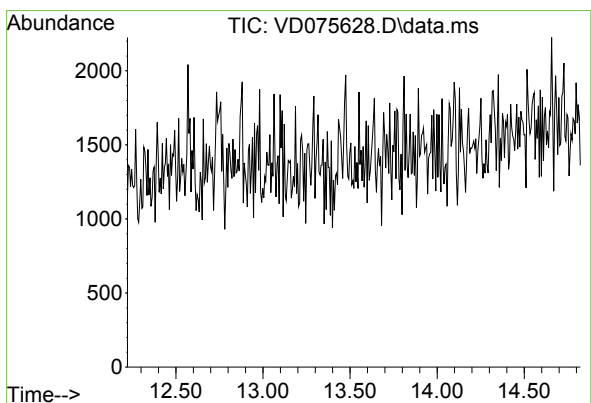
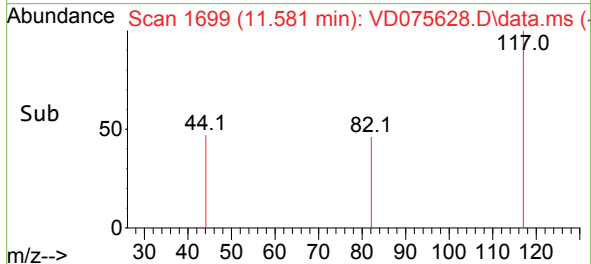
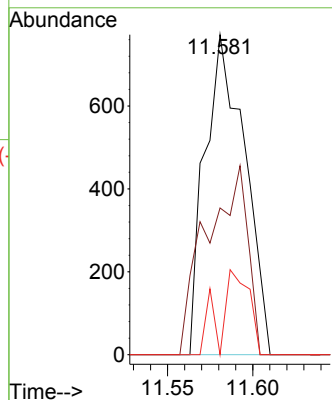
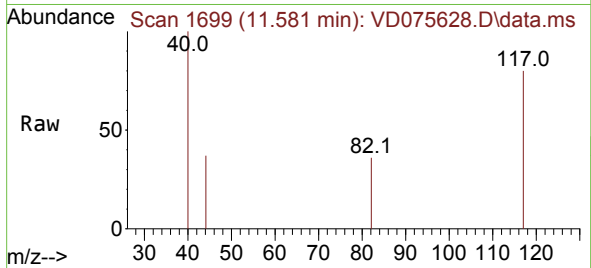




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD075628.D
Acq: 11 Apr 2023 19:08

Instrument :
MSVOA_D
ClientSampleId :
SP-1C

Tgt Ion:117 Resp: 1255
Ion Ratio Lower Upper
117 100
82 45.9 44.0 66.0
119 0.0 25.1 37.7#



#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 13.52 min

Lab File: VD075628.D
Acq: 11 Apr 2023 19:08

Tgt Ion: 152
Sig Exp Ratio
152 100
115 60.2
150 182.4

