

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030424\
 Data File : VD078595.D
 Acq On : 04 Mar 2024 18:58
 Operator : RP/MD
 Sample : P1666-01
 Misc : 5.02G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-02-030124

Quant Time: Mar 05 04:17:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030124S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 02 03:50:17 2024
 Response via : Initial Calibration

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

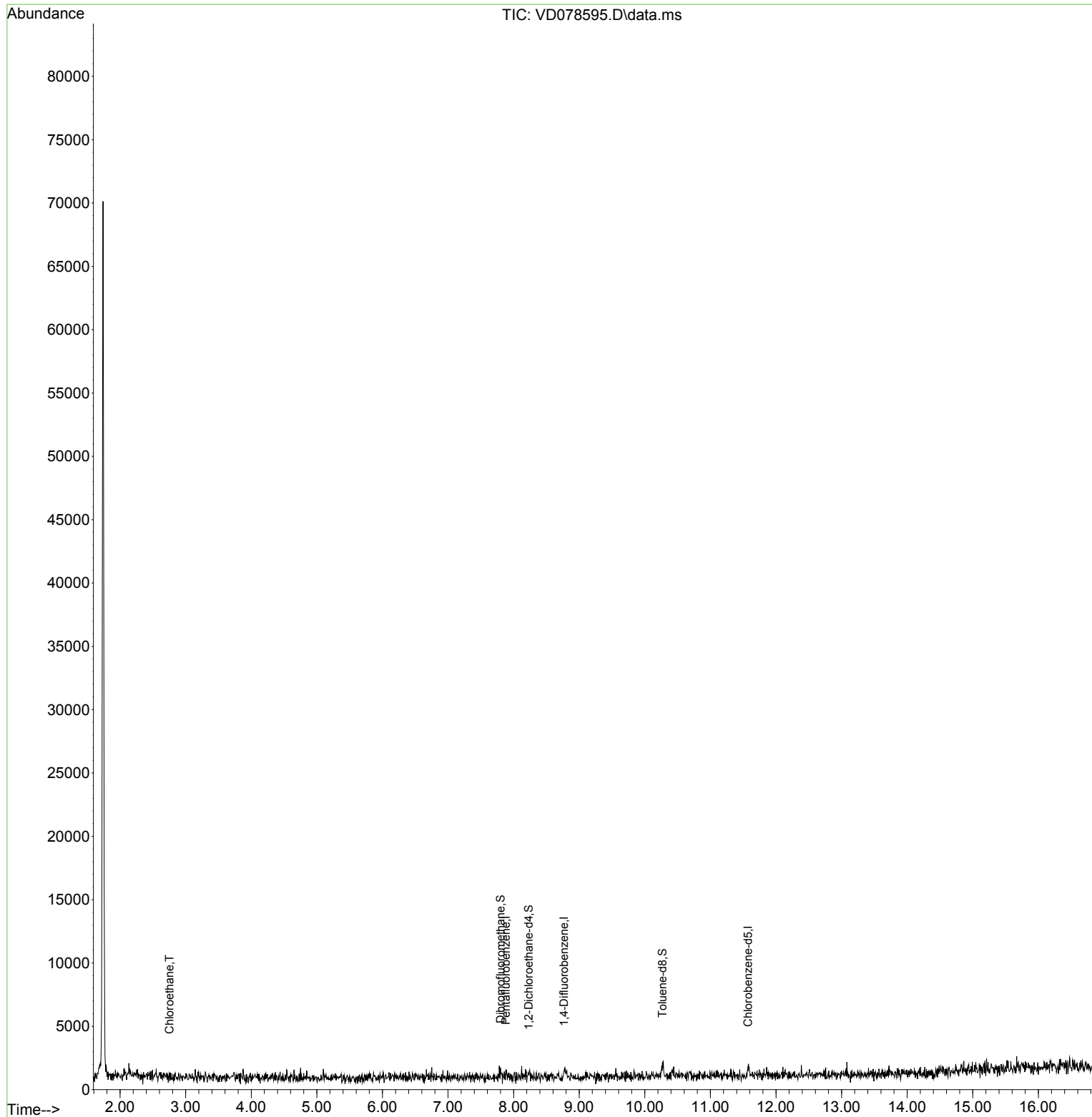
Internal Standards						
1) Pentafluorobenzene	7.881	168	268	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.769	114	1006	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	700	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.52
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	338	127.228	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	254.460%#
35) Dibromofluoromethane	7.799	113	66	10.086	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	20.180%#
50) Toluene-d8	10.269	98	1030	40.506	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	81.020%
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	30 - 143	Recovery	=	0.000%#
Target Compounds						
						Qvalue
6) Chloroethane	2.752	64	61	12.494	ug/l	# 43

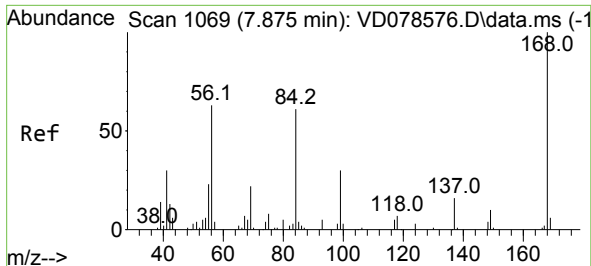
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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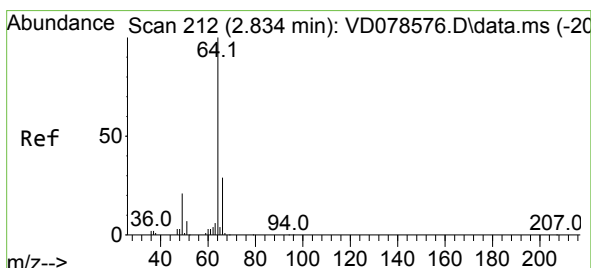
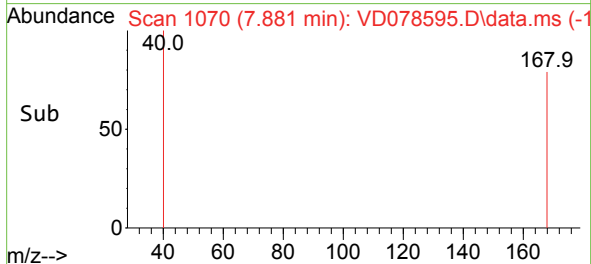
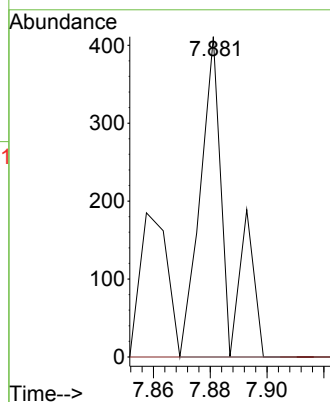
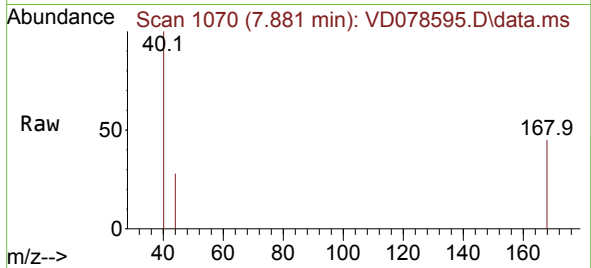




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD078595.D
Acq: 04 Mar 2024 18:58

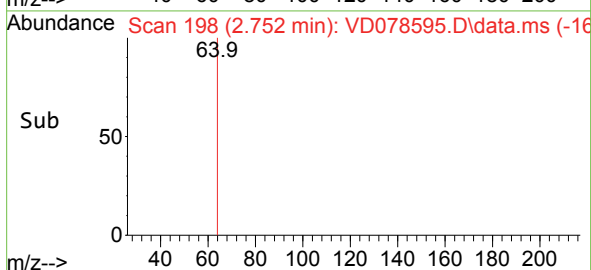
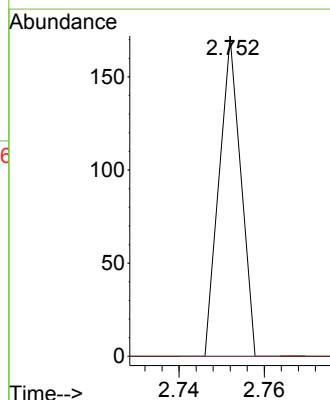
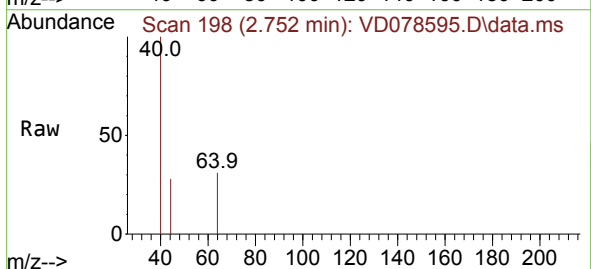
Instrument :
MSVOA_D
ClientSampleId :
OR-02-030124

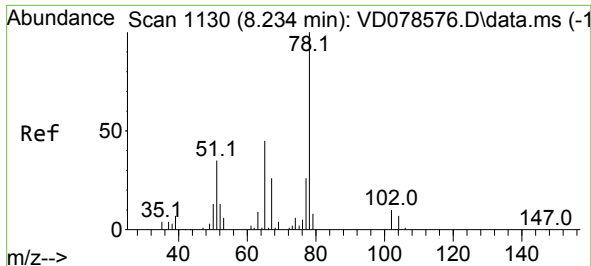
Tgt Ion:168 Resp: 268
Ion Ratio Lower Upper
168 100
99 0.0 36.7 55.1#



#6
Chloroethane
Concen: 12.494 ug/l
RT: 2.752 min Scan# 198
Delta R.T. -0.082 min
Lab File: VD078595.D
Acq: 04 Mar 2024 18:58

Tgt Ion: 64 Resp: 61
Ion Ratio Lower Upper
64 100
66 0.0 25.5 38.3#





#33

1,2-Dichloroethane-d4

Concen: 127.228 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.005 min

Lab File: VD078595.D

Acq: 04 Mar 2024 18:58

Instrument :

MSVOA_D

ClientSampleId :

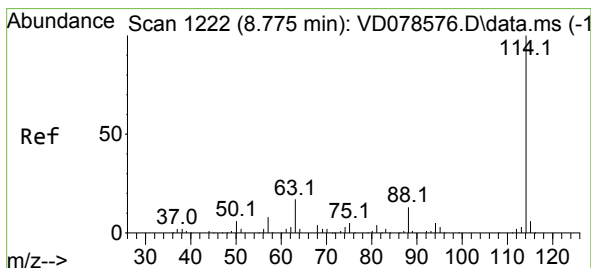
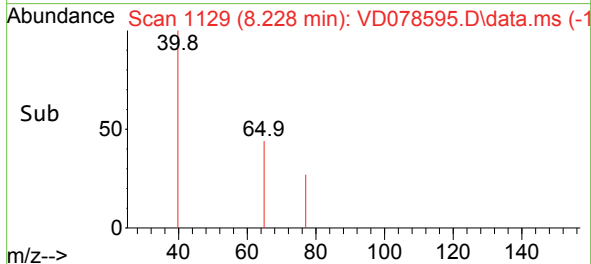
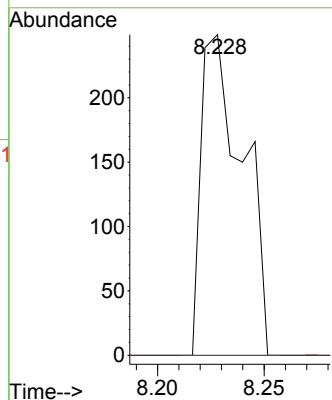
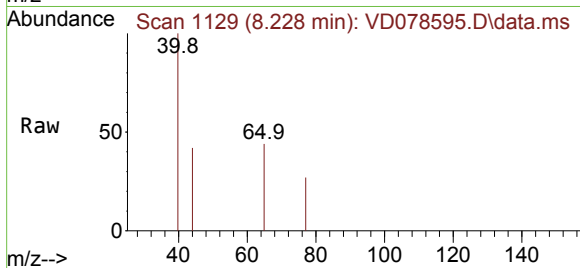
OR-02-030124

Tgt Ion: 65 Resp: 338

Ion Ratio Lower Upper

65 100

67 0.0 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.769 min Scan# 1221

Delta R.T. -0.005 min

Lab File: VD078595.D

Acq: 04 Mar 2024 18:58

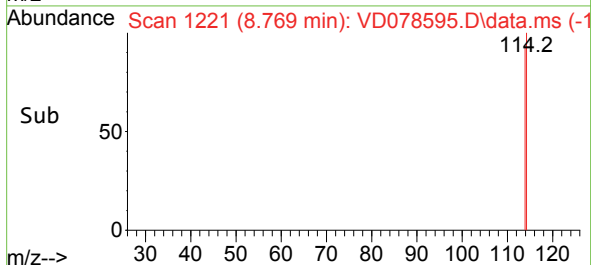
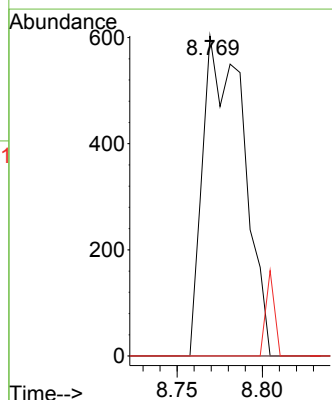
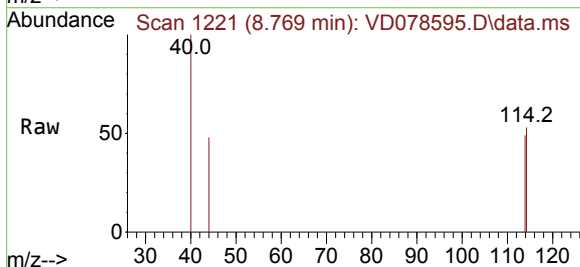
Tgt Ion: 114 Resp: 1006

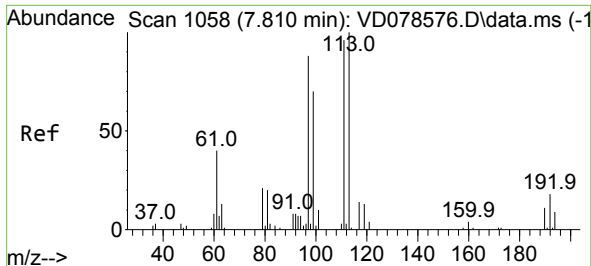
Ion Ratio Lower Upper

114 100

63 0.0 0.0 33.4

88 0.0 0.0 26.2





#35

Dibromofluoromethane

Concen: 10.086 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.011 min

Lab File: VD078595.D

Acq: 04 Mar 2024 18:58

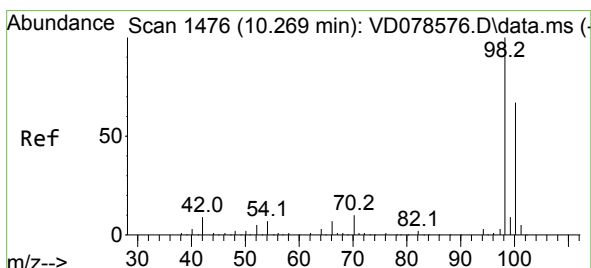
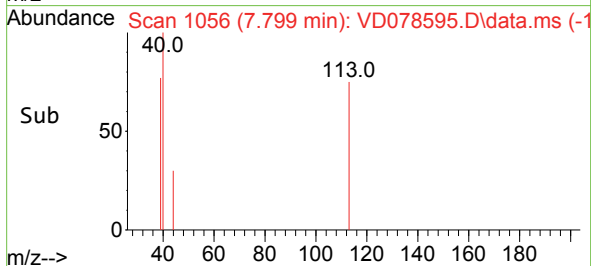
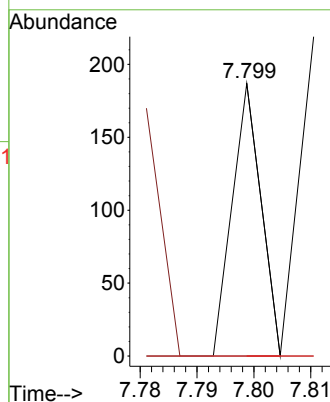
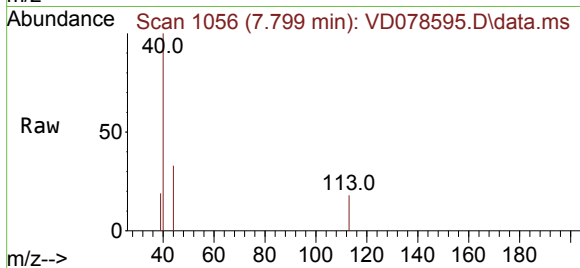
Instrument :

MSVOA_D

ClientSampleId :

OR-02-030124

Tgt Ion:113	Resp:	66
Ion	Ratio	Lower Upper
113	100	
111	90.9	84.7 127.1
192	0.0	16.8 25.2#



#50

Toluene-d8

Concen: 40.506 ug/l

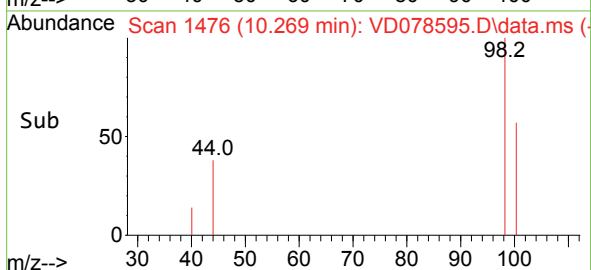
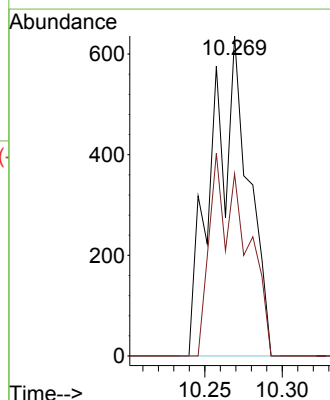
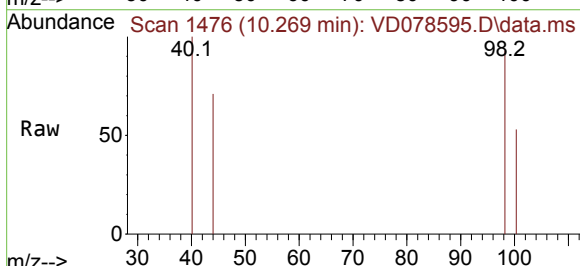
RT: 10.269 min Scan# 1476

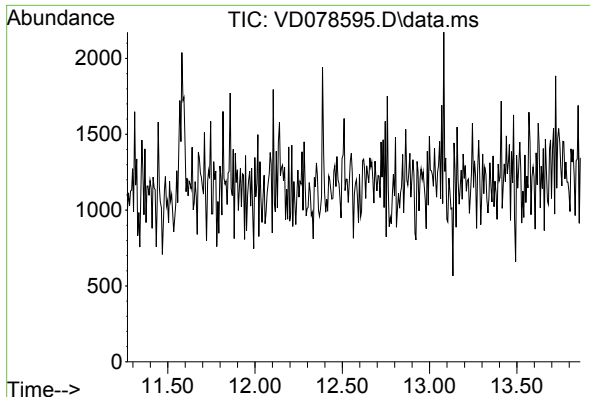
Delta R.T. 0.000 min

Lab File: VD078595.D

Acq: 04 Mar 2024 18:58

Tgt Ion: 98	Resp:	1030
Ion	Ratio	Lower Upper
98	100	
100	60.5	50.3 75.5



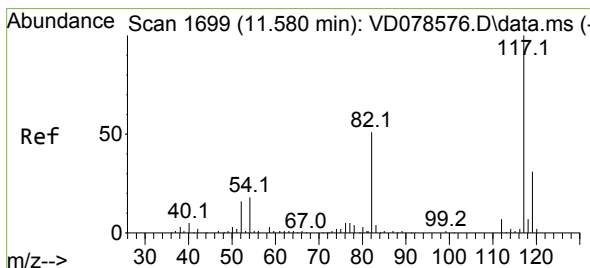
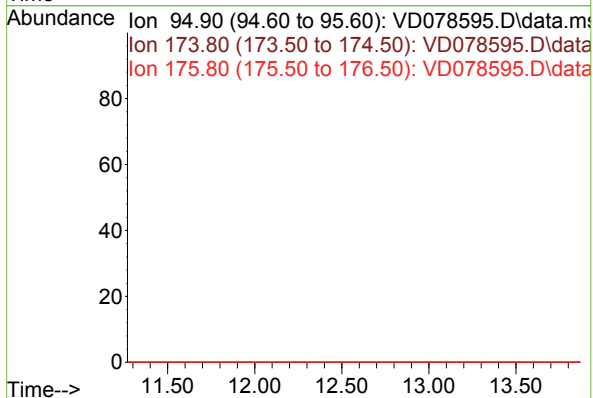


#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 12.57 min
 Lab File: VD078595.D
 Acq: 04 Mar 2024 18:58

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-02-030124

Tgt Ion: 95

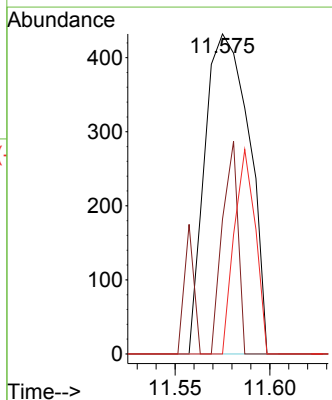
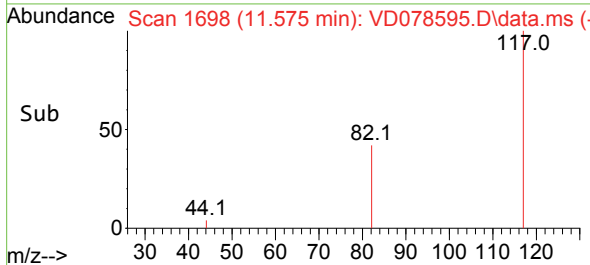
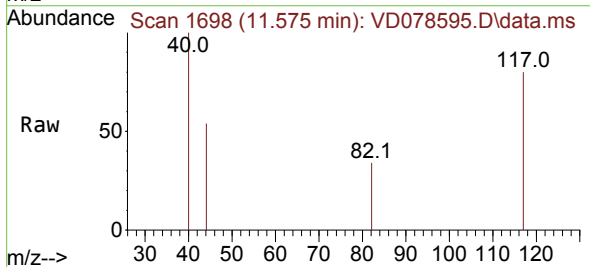
Sig	Exp Ratio
95	100
174	100.9
176	95.9

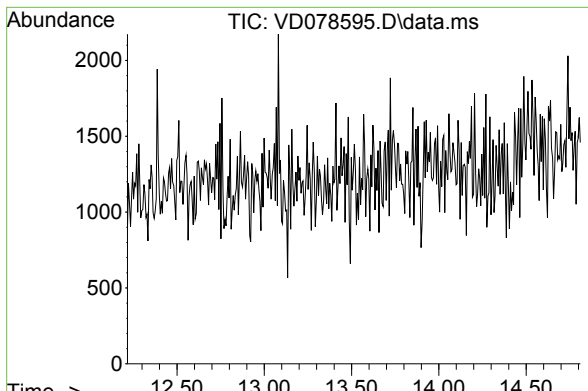


#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.575 min Scan# 1698
 Delta R.T. -0.005 min
 Lab File: VD078595.D
 Acq: 04 Mar 2024 18:58

Tgt Ion: 117 Resp: 700

Ion	Ratio	Lower	Upper
117	100		
82	42.1	38.3	57.5
119	0.0	25.0	37.4





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

Lab File: VD078595.D
Acq: 04 Mar 2024 18:58

Instrument :
MSVOA_D
ClientSampleId :
OR-02-030124

Tgt Ion: 152
Sig Exp Ratio
152 100
115 54.2
150 176.8

