

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081324\
 Data File : VD079721.D
 Acq On : 13 Aug 2024 17:04
 Operator : RP/MD
 Sample : P3474-06RE
 Misc : 8.65G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-B1-GRABRE

Quant Time: Aug 14 05:53:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 13 01:06:11 2024
 Response via : Initial Calibration

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

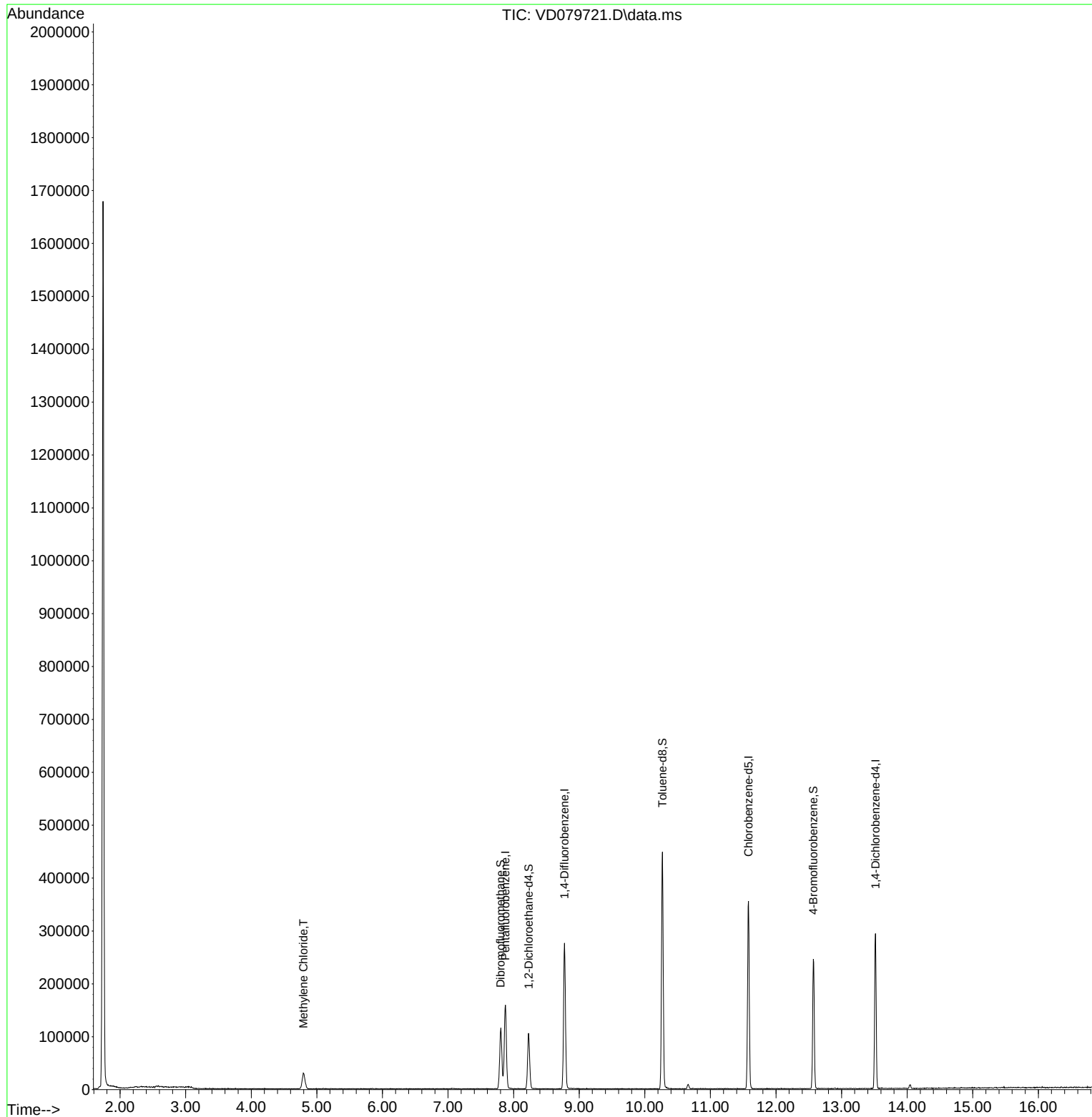
Internal Standards						
1) Pentafluorobenzene	7.875	168	119286	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	242858	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	208843	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	78267	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	78141	56.939	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.880%	
35) Dibromofluoromethane	7.799	113	82701	55.238	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.480%	
50) Toluene-d8	10.269	98	323251	51.658	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.320%	
62) 4-Bromofluorobenzene	12.569	95	73952	42.208	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 84.420%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.793	84	21876	6.561	ug/l	# 81

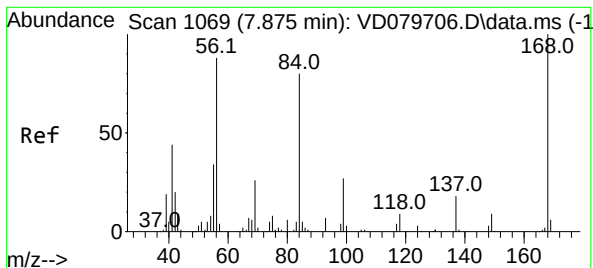
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD079721.D

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Instrument :

MSVOA_D

ClientSampleId :

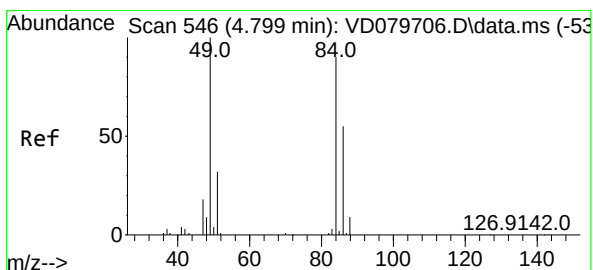
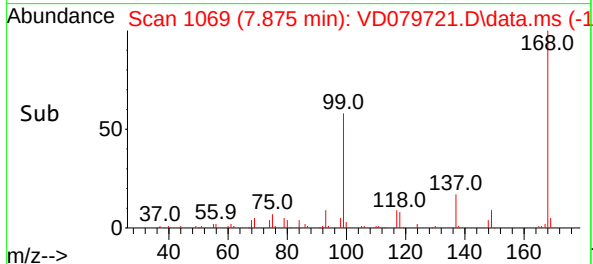
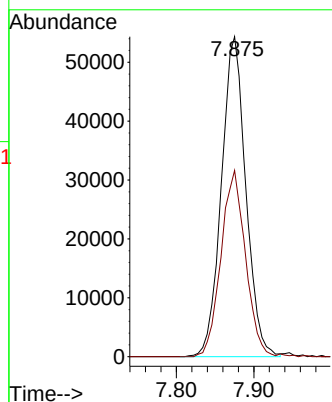
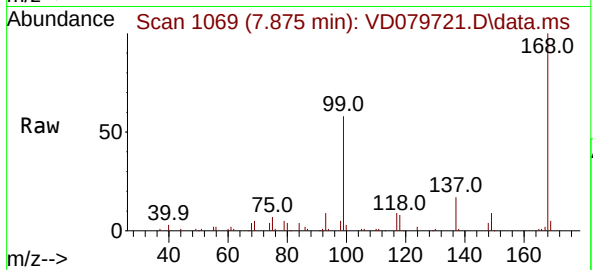
WC-B1-GRABRE

Tgt Ion:168 Resp: 119286

Ion Ratio Lower Upper

168 100

99 58.2 41.1 61.7



#20

Methylene Chloride

Concen: 6.561 ug/l

RT: 4.793 min Scan# 545

Delta R.T. -0.006 min

Lab File: VD079721.D

Acq: 13 Aug 2024 17:04

Tgt Ion: 84 Resp: 21876

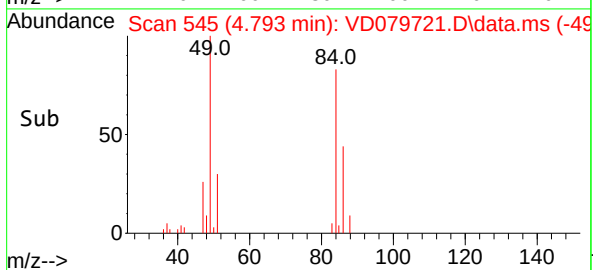
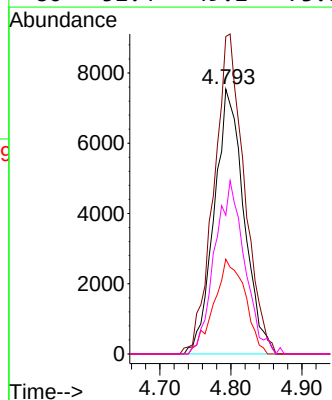
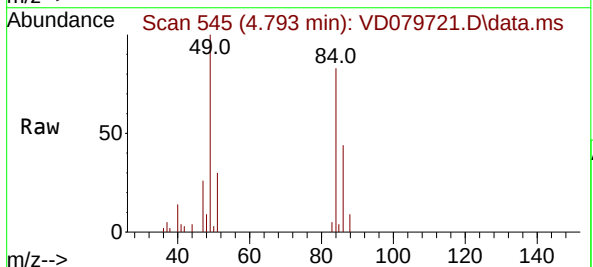
Ion Ratio Lower Upper

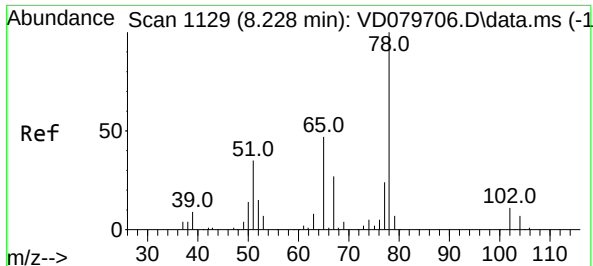
84 100

49 119.9 75.6 113.4#

51 35.8 24.2 36.2

86 52.4 49.2 73.8





#33

1,2-Dichloroethane-d4

Concen: 56.939 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD079721.D

Acq: 13 Aug 2024 17:04

Instrument :

MSVOA_D

ClientSampleId :

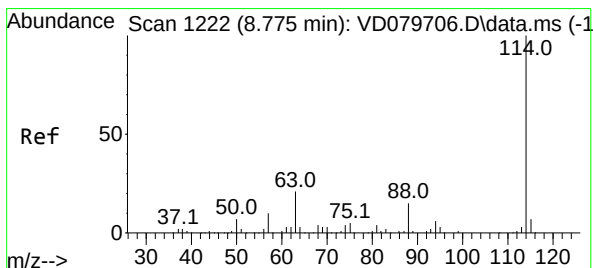
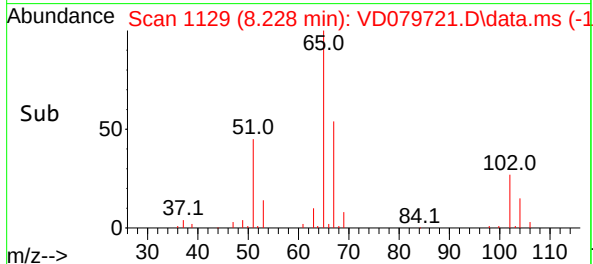
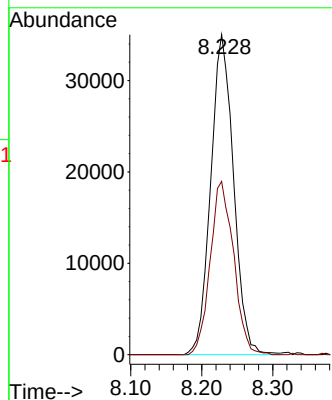
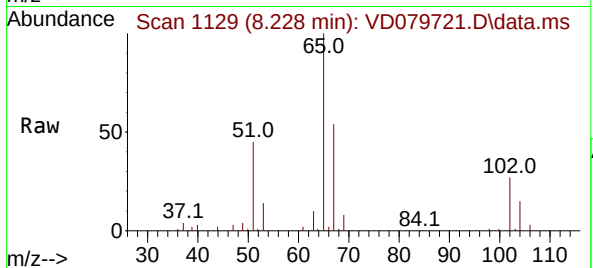
WC-B1-GRABRE

Tgt Ion: 65 Resp: 78141

Ion Ratio Lower Upper

65 100

67 55.4 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD079721.D

Acq: 13 Aug 2024 17:04

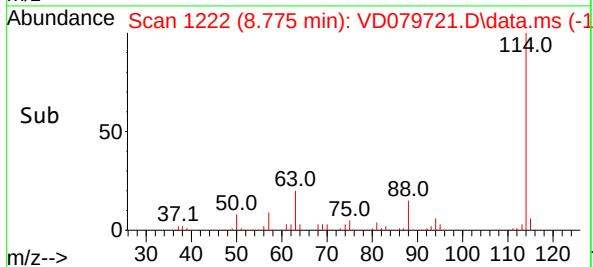
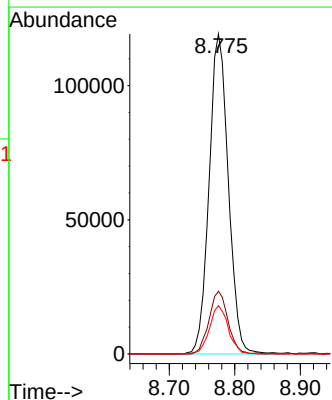
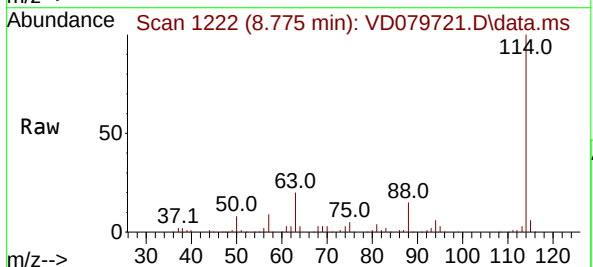
Tgt Ion: 114 Resp: 242858

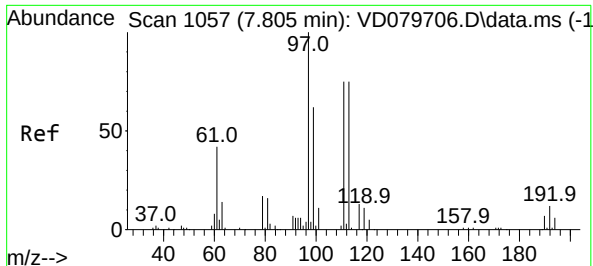
Ion Ratio Lower Upper

114 100

63 19.6 0.0 34.0

88 15.1 0.0 27.2





#35

Dibromofluoromethane

Concen: 55.238 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD079721.D

Acq: 13 Aug 2024 17:04

Instrument :

MSVOA_D

ClientSampleId :

WC-B1-GRABRE

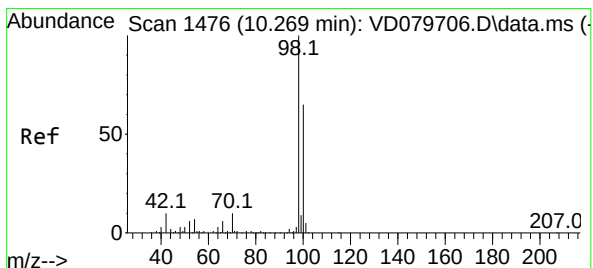
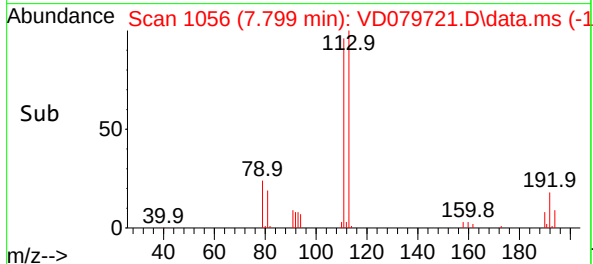
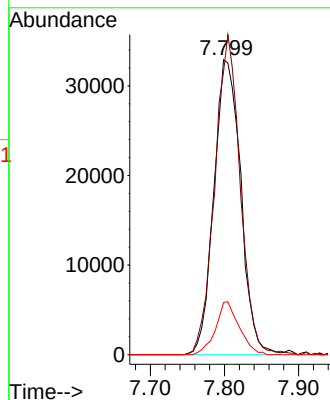
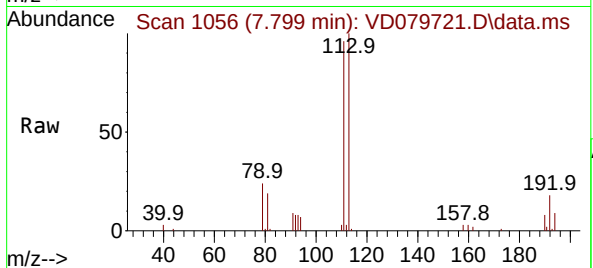
Tgt Ion:113 Resp: 82701

Ion Ratio Lower Upper

113 100

111 103.0 84.0 126.0

192 15.8 15.4 23.0



#50

Toluene-d8

Concen: 51.658 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD079721.D

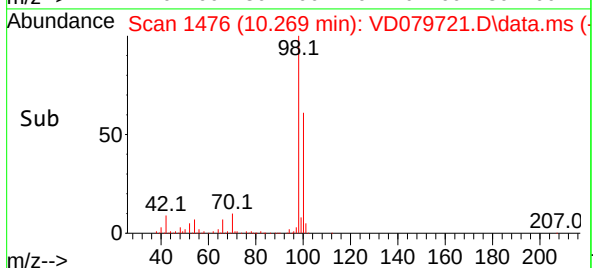
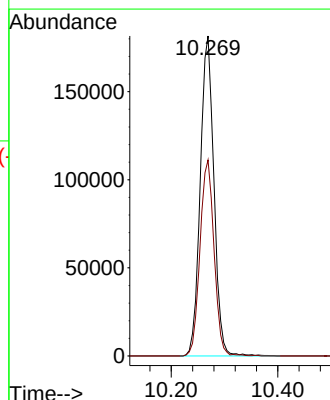
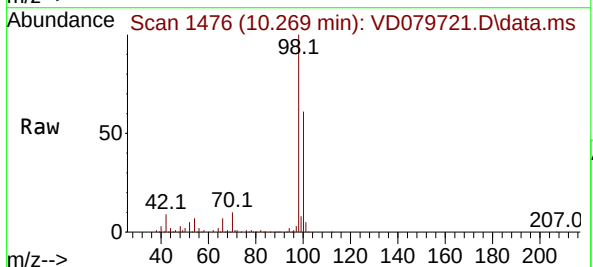
Acq: 13 Aug 2024 17:04

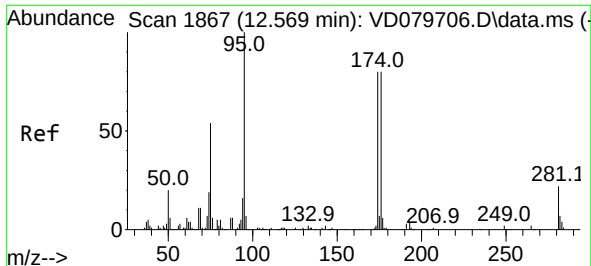
Tgt Ion: 98 Resp: 323251

Ion Ratio Lower Upper

98 100

100 62.9 51.6 77.4

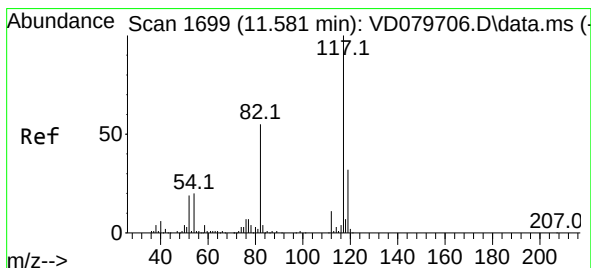
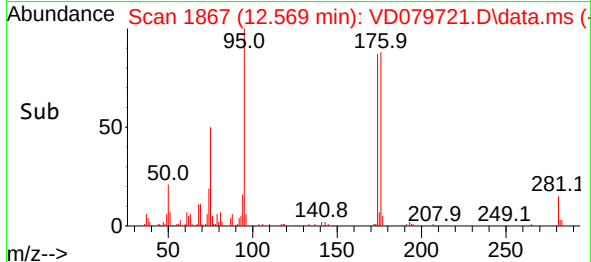
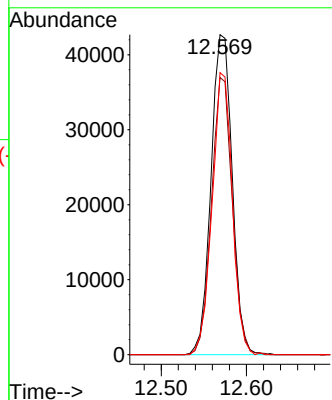
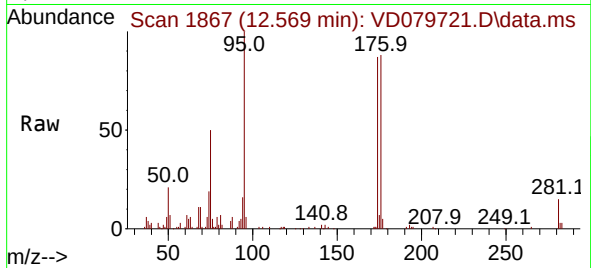




#62
4-Bromofluorobenzene
Concen: 42.208 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079721.D
Acq: 13 Aug 2024 17:04

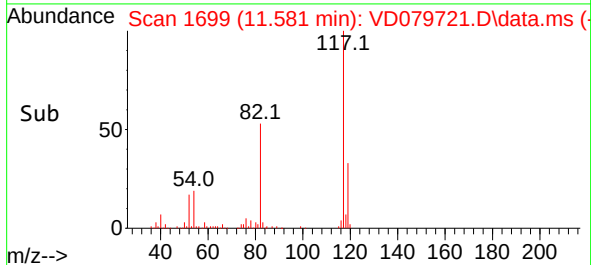
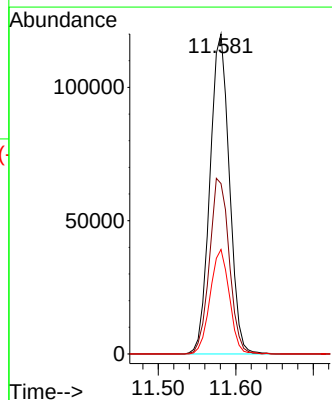
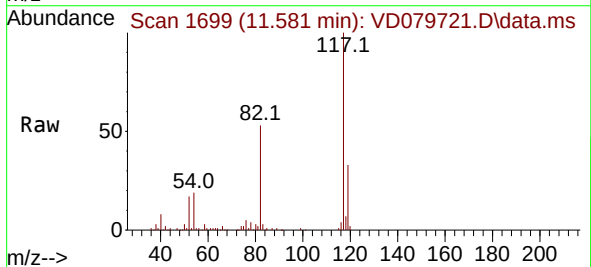
Instrument :
MSVOA_D
ClientSampleId :
WC-B1-GRABRE

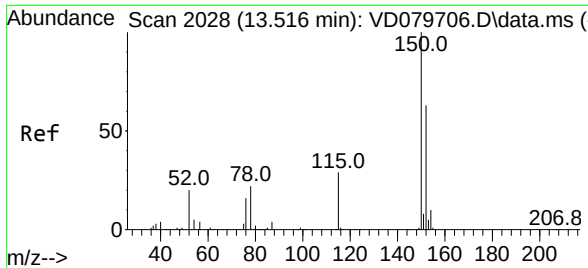
Tgt Ion:	95	Resp:	73952
Ion	Ratio	Lower	Upper
95	100		
174	85.2	0.0	195.4
176	83.8	0.0	192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079721.D
Acq: 13 Aug 2024 17:04

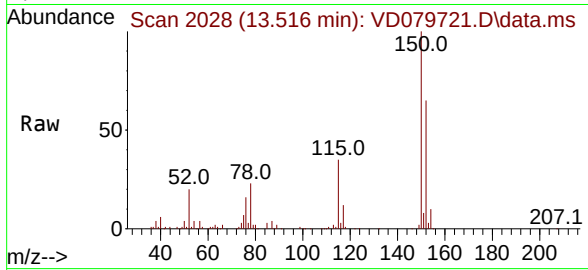
Tgt Ion:	117	Resp:	208843
Ion	Ratio	Lower	Upper
117	100		
82	53.3	39.8	59.6
119	32.6	25.7	38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD079721.D
 Acq: 13 Aug 2024 17:04

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-B1-GRABRE



Tgt Ion:	152	Resp:	78267
Ion	Ratio	Lower	Upper
152	100		
115	57.3	26.5	79.5
150	162.4	0.0	341.6

