

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073024\
 Data File : VD079474.D
 Acq On : 31 Jul 2024 01:02
 Operator : RP/MD
 Sample : P3376-10
 Misc : 4.69G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-7-VOC

Quant Time: Jul 31 04:35:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

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

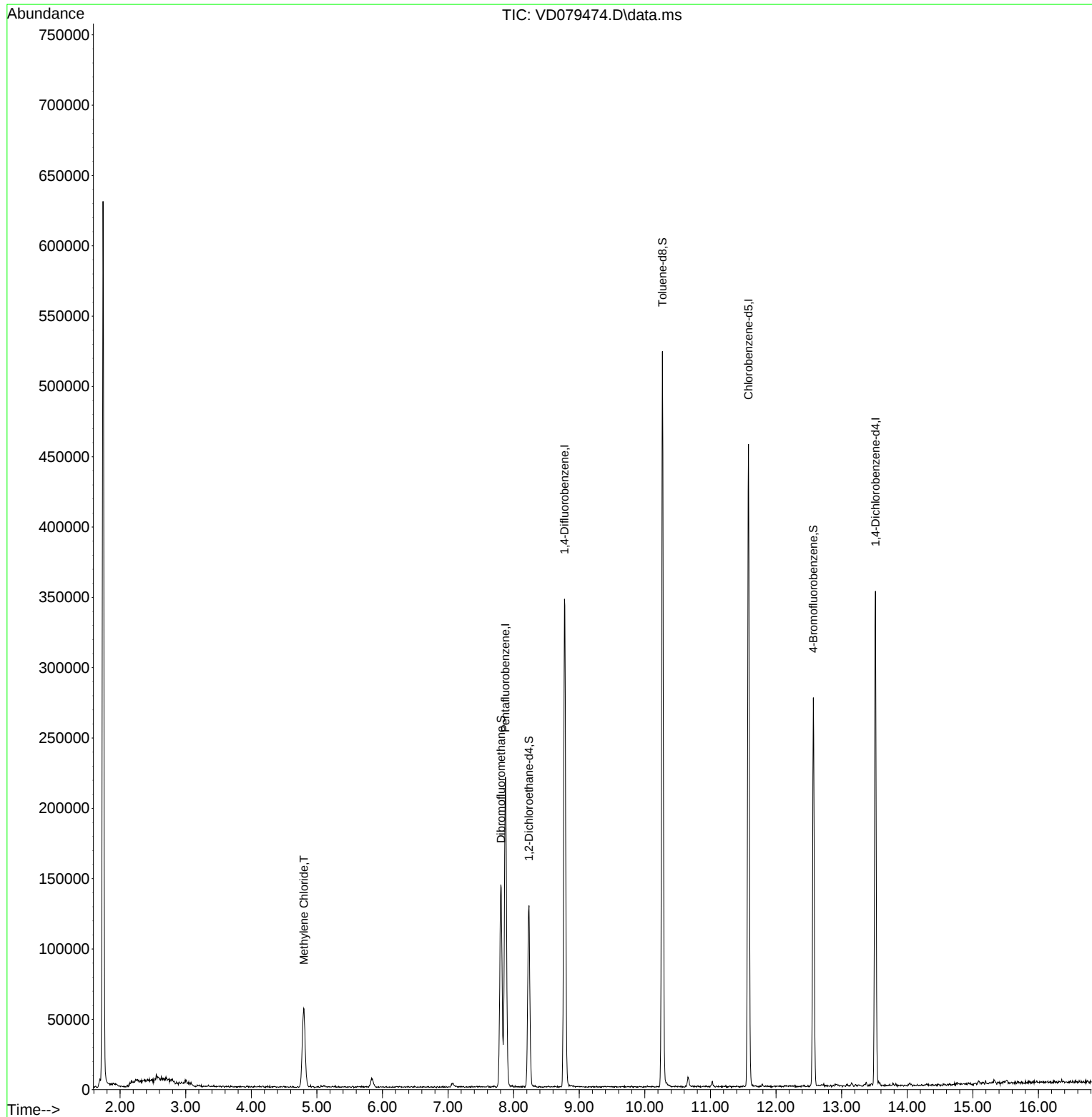
Internal Standards						
1) Pentafluorobenzene	7.875	168	177162	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	325886	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	279437	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	98916	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.233	65	101824	56.575	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.160%
35) Dibromofluoromethane	7.810	113	108430	49.158	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.320%
50) Toluene-d8	10.269	98	362959	42.373	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	84.740%
62) 4-Bromofluorobenzene	12.569	95	83428	33.657	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	67.320%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.804	84	45590	2.704	ug/l #	93

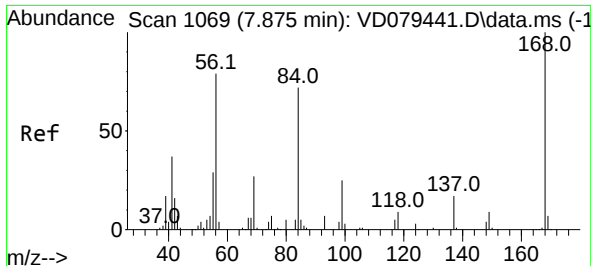
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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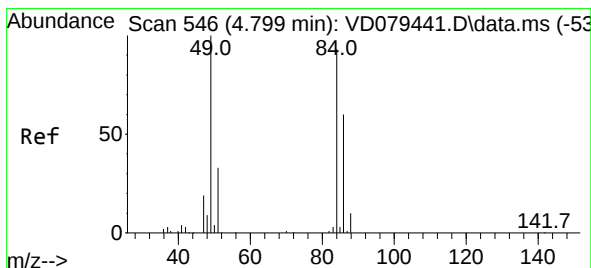
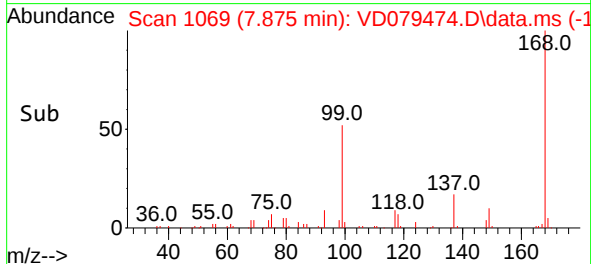
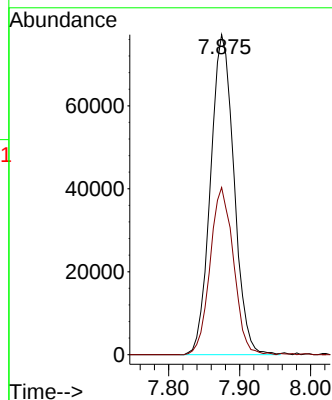
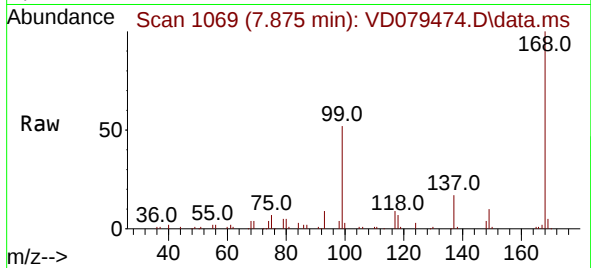




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD079474.D
Acq: 31 Jul 2024 01:02

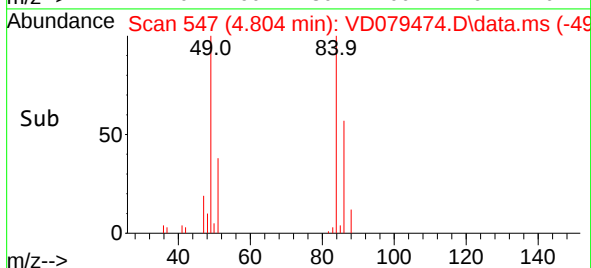
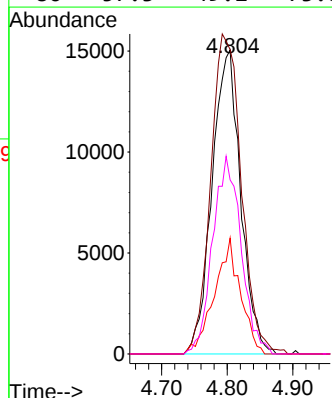
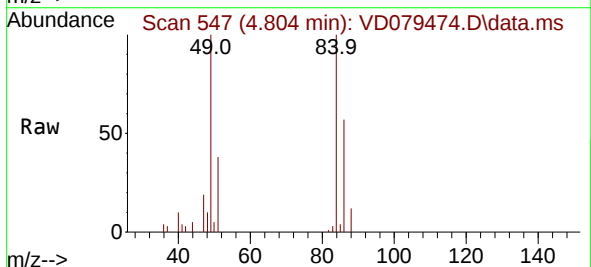
Instrument :
MSVOA_D
ClientSampleId :
WC-7-VOC

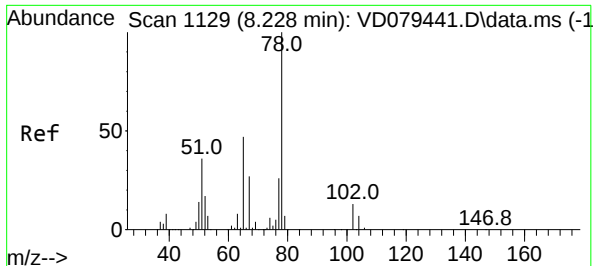
Tgt Ion:168 Resp: 177162
Ion Ratio Lower Upper
168 100
99 52.3 41.1 61.7



#20
Methylene Chloride
Concen: 2.704 ug/l
RT: 4.804 min Scan# 547
Delta R.T. 0.005 min
Lab File: VD079474.D
Acq: 31 Jul 2024 01:02

Tgt Ion: 84 Resp: 45590
Ion Ratio Lower Upper
84 100
49 100.1 75.6 113.4
51 38.1 24.2 36.2#
86 57.3 49.2 73.8





#33

1,2-Dichloroethane-d4

Concen: 56.575 ug/l

RT: 8.233 min Scan# 1130

Delta R.T. 0.005 min

Lab File: VD079474.D

Acq: 31 Jul 2024 01:02

Instrument :

MSVOA_D

ClientSampleId :

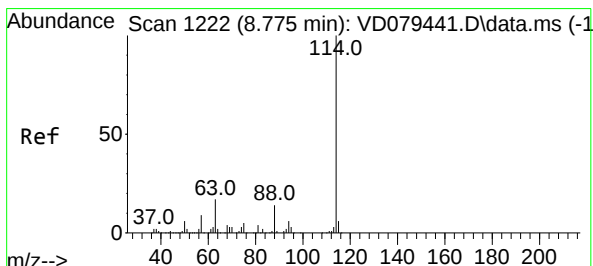
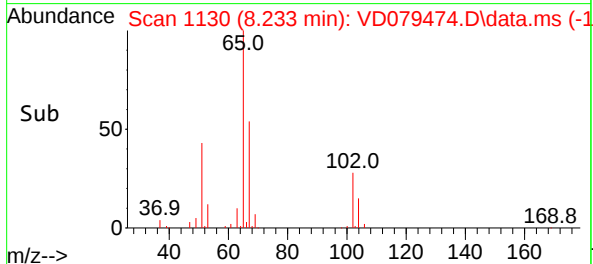
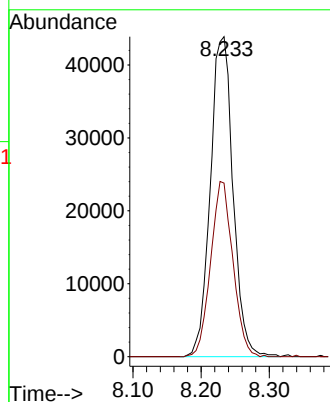
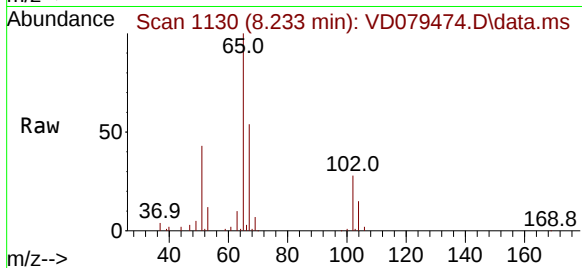
WC-7-VOC

Tgt Ion: 65 Resp: 101824

Ion Ratio Lower Upper

65 100

67 53.6 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: VD079474.D

Acq: 31 Jul 2024 01:02

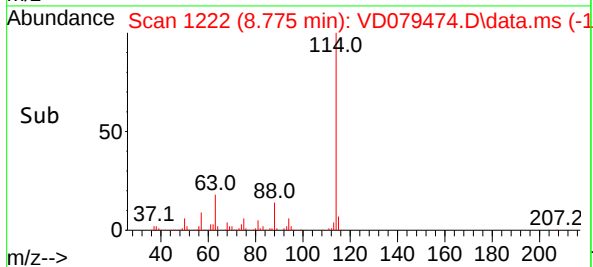
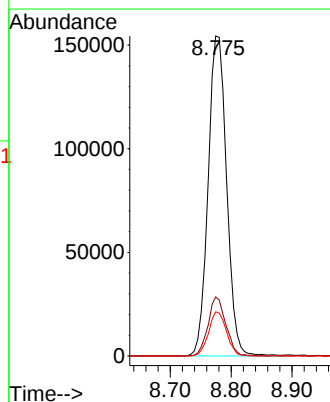
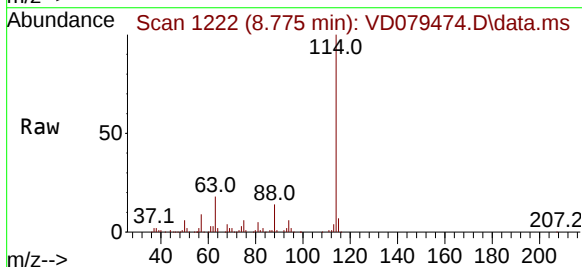
Tgt Ion: 114 Resp: 325886

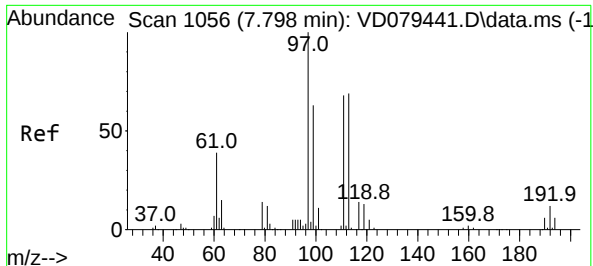
Ion Ratio Lower Upper

114 100

63 18.4 0.0 34.0

88 13.8 0.0 27.2





#35

Dibromofluoromethane

Concen: 49.158 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD079474.D

Acq: 31 Jul 2024 01:02

Instrument :

MSVOA_D

ClientSampleId :

WC-7-VOC

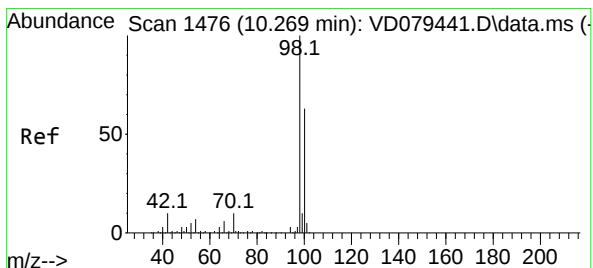
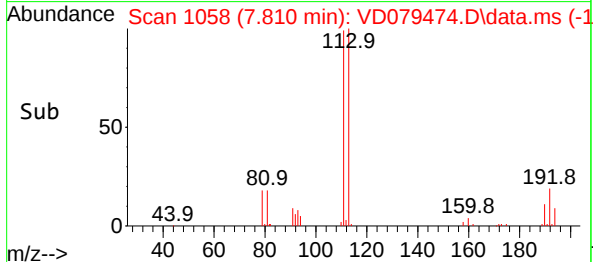
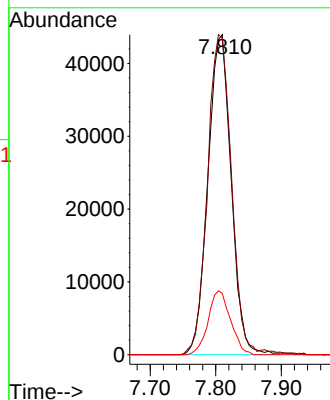
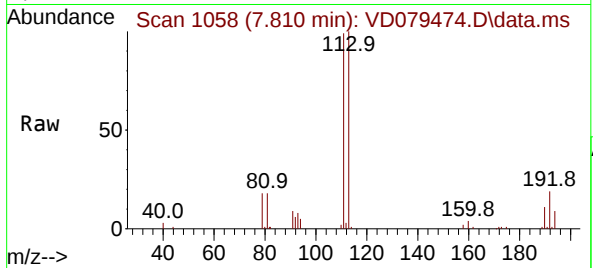
Tgt Ion:113 Resp: 108430

Ion Ratio Lower Upper

113 100

111 102.0 84.0 126.0

192 19.2 15.4 23.0



#50

Toluene-d8

Concen: 42.373 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.005 min

Lab File: VD079474.D

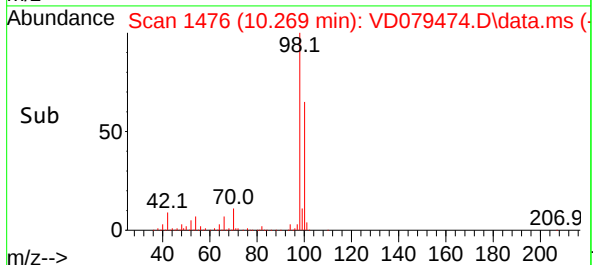
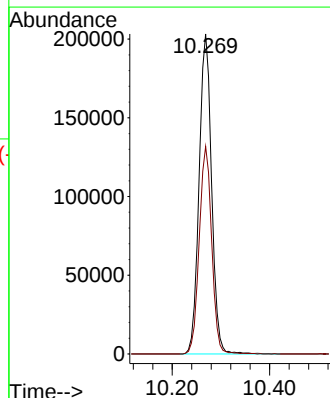
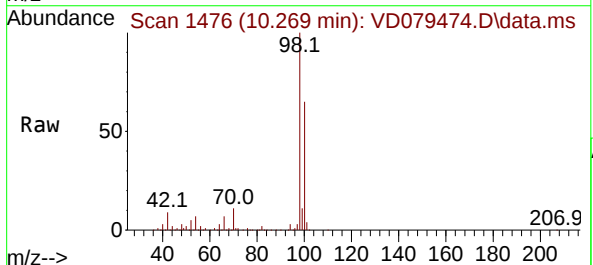
Acq: 31 Jul 2024 01:02

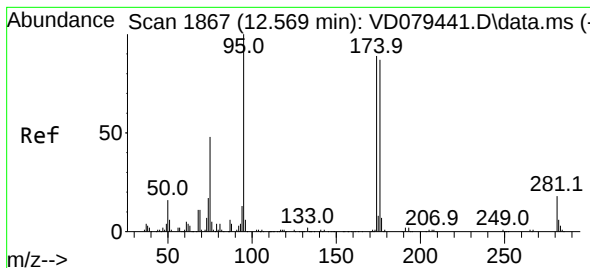
Tgt Ion: 98 Resp: 362959

Ion Ratio Lower Upper

98 100

100 64.7 51.6 77.4

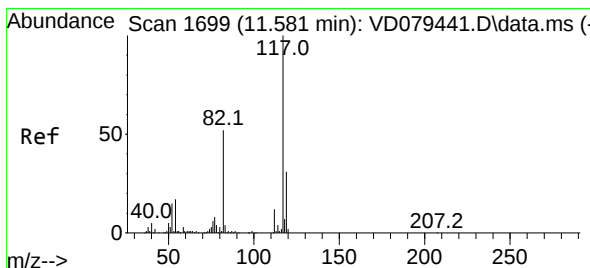
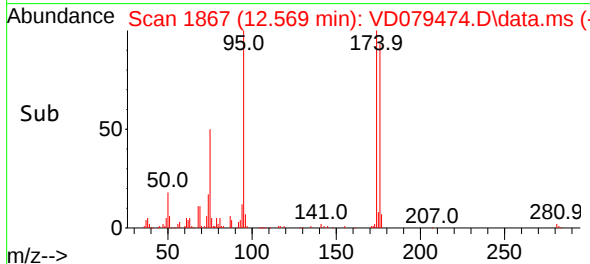
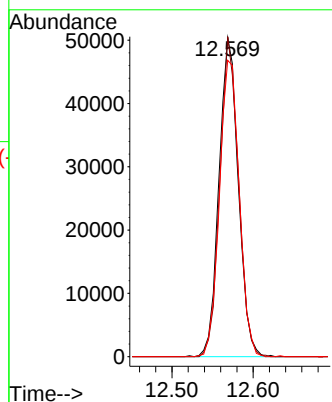
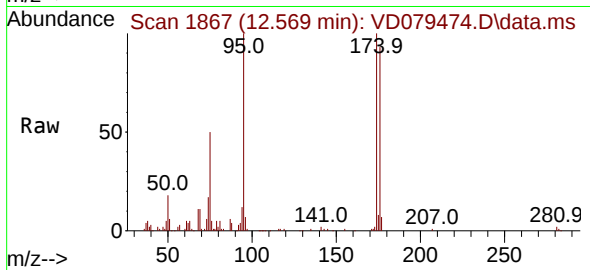




#62
4-Bromofluorobenzene
Concen: 33.657 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079474.D
Acq: 31 Jul 2024 01:02

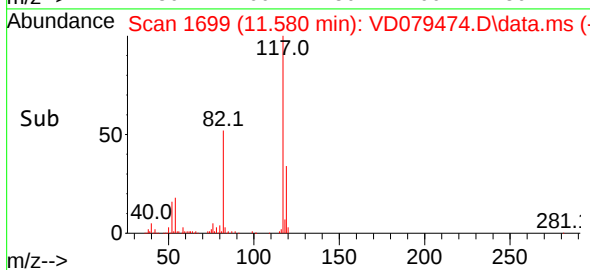
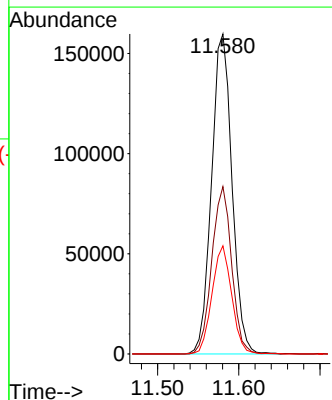
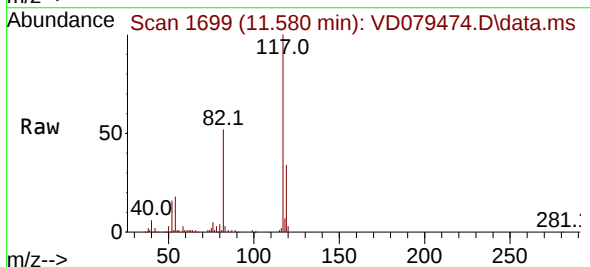
Instrument :
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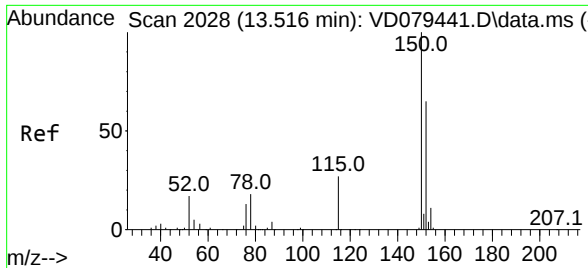
Tgt Ion: 95 Resp: 83428
Ion Ratio Lower Upper
95 100
174 96.4 0.0 195.4
176 95.2 0.0 192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079474.D
Acq: 31 Jul 2024 01:02

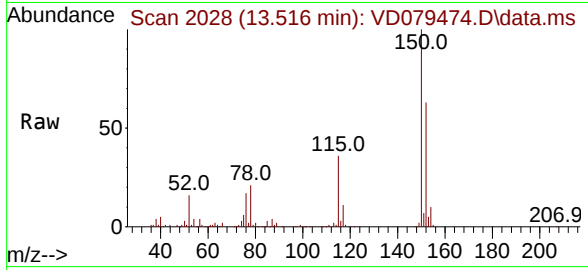
Tgt Ion: 117 Resp: 279437
Ion Ratio Lower Upper
117 100
82 52.3 39.8 59.6
119 33.8 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.005 min
 Lab File: VD079474.D
 Acq: 31 Jul 2024 01:02

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-7-VOC



Tgt Ion:	152	Resp:	98916
Ion Ratio	Lower	Upper	
152	100		
115	57.1	26.5	79.5
150	157.5	0.0	341.6

