

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071223\
 Data File : VD076726.D
 Acq On : 12 Jul 2023 11:45
 Operator : KP/SY
 Sample : 03581-01
 Misc : 5.03G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-1

Quant Time: Jul 12 12:24:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

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

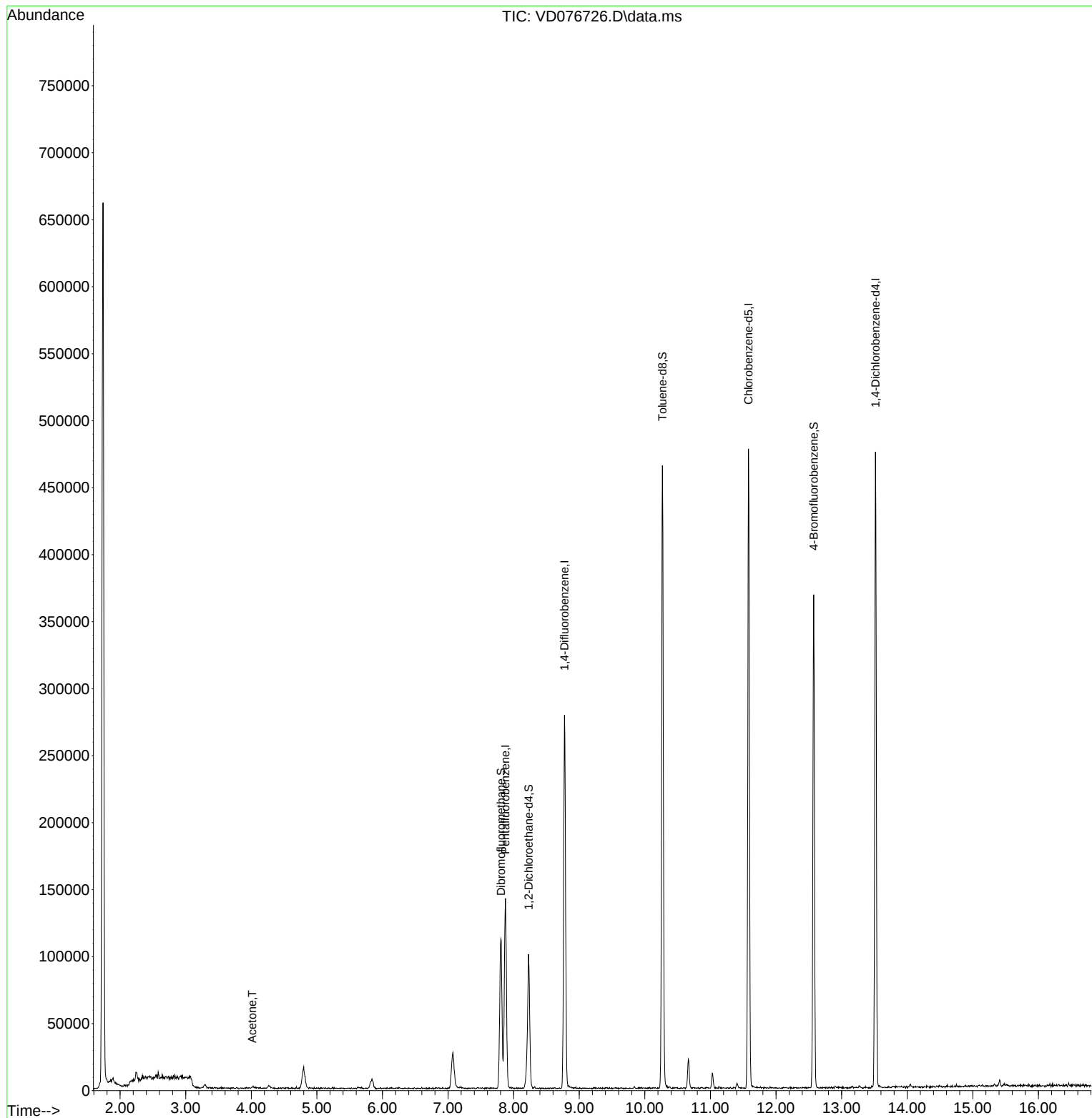
Internal Standards						
1) Pentafluorobenzene	7.875	168	101082	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	246696	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	263189	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	122540	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	68743	67.877	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.760%
35) Dibromofluoromethane	7.810	113	82560	56.334	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.660%
50) Toluene-d8	10.269	98	321170	57.785	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	115.580%
62) 4-Bromofluorobenzene	12.575	95	113451	62.895	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	125.800%
Target Compounds						
						Qvalue
16) Acetone	4.016	43	2206	9.154	ug/l	# 71

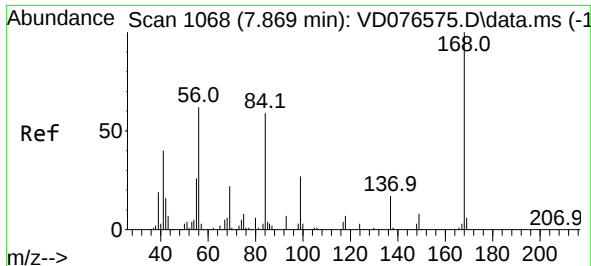
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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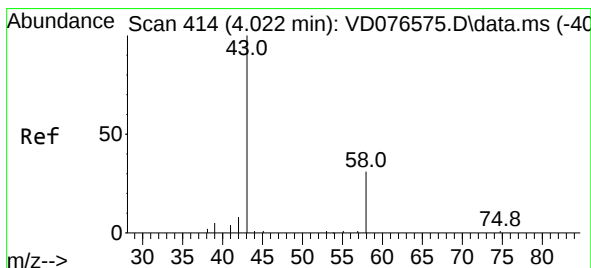
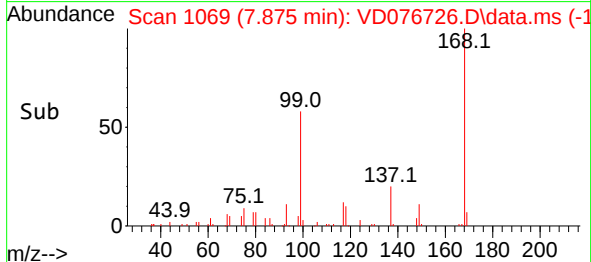
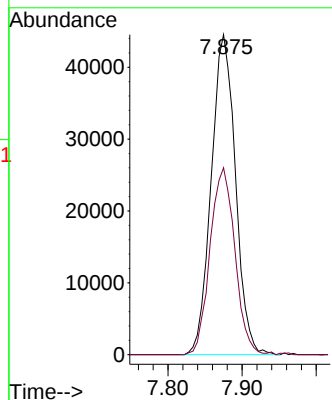
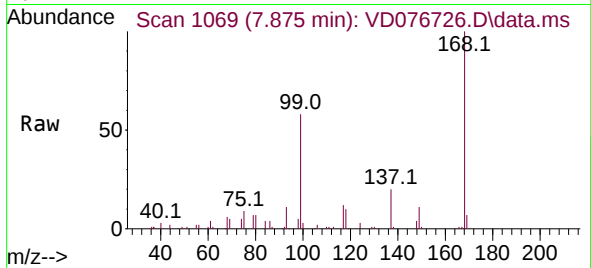




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VD076726.D
Acq: 12 Jul 2023 11:45

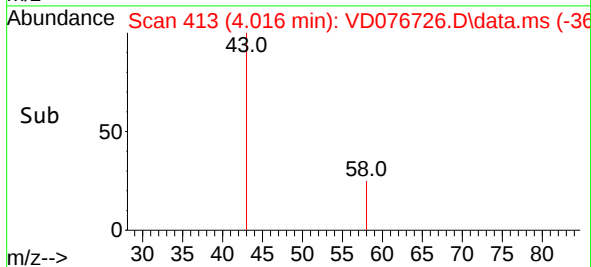
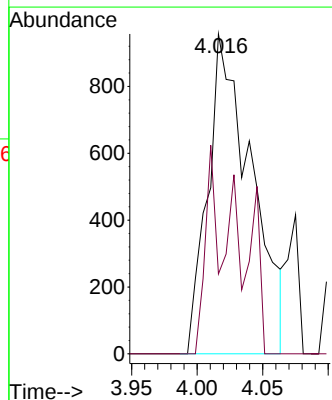
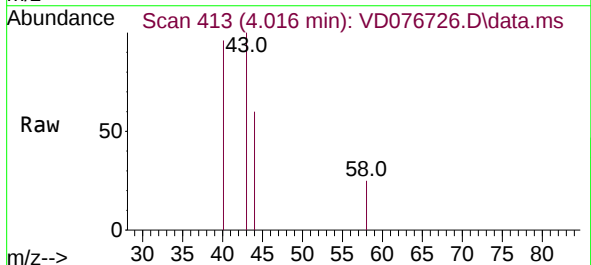
Instrument :
MSVOA_D
ClientSampleId :
WC-1

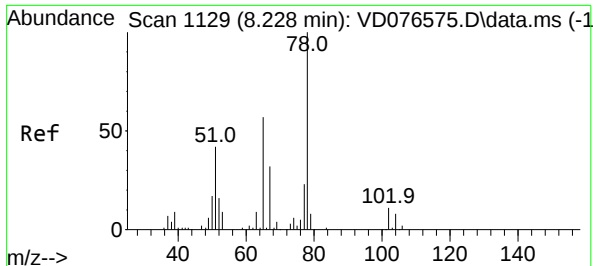
Tgt Ion:168 Resp: 101082
Ion Ratio Lower Upper
168 100
99 58.4 36.7 55.1#



#16
Acetone
Concen: 9.154 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.000 min
Lab File: VD076726.D
Acq: 12 Jul 2023 11:45

Tgt Ion: 43 Resp: 2206
Ion Ratio Lower Upper
43 100
58 25.0 34.7 52.1#





#33

1,2-Dichloroethane-d4

Concen: 67.877 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD076726.D

Acq: 12 Jul 2023 11:45

Instrument :

MSVOA_D

ClientSampleId :

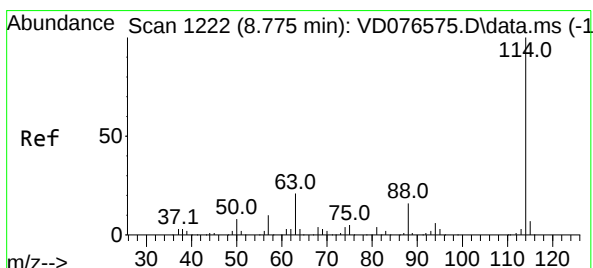
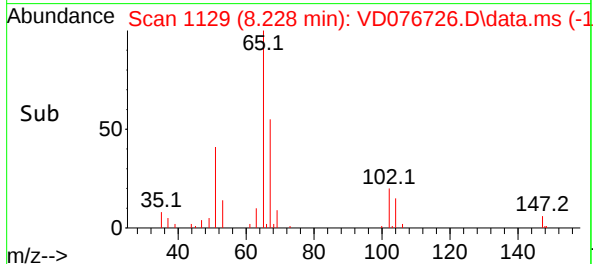
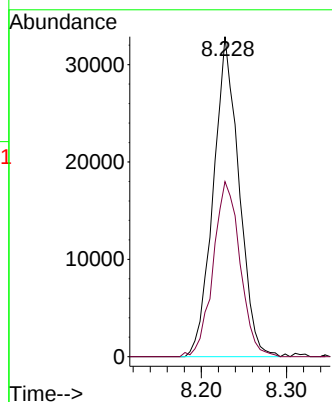
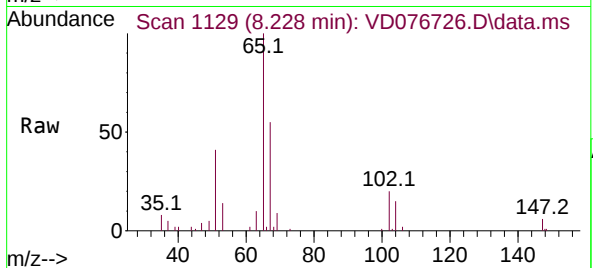
WC-1

Tgt Ion: 65 Resp: 68743

Ion Ratio Lower Upper

65 100

67 57.4 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD076726.D

Acq: 12 Jul 2023 11:45

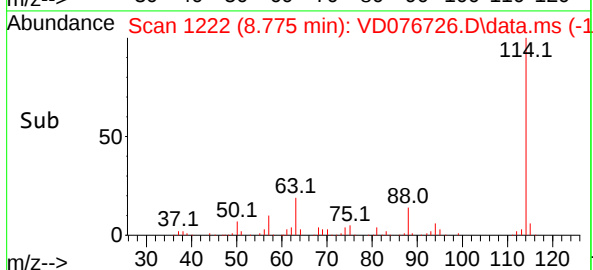
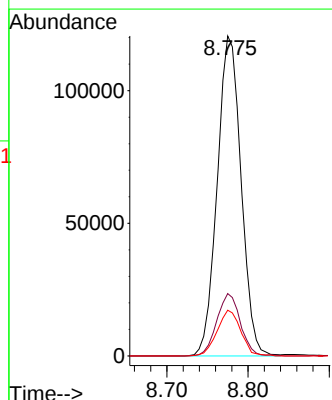
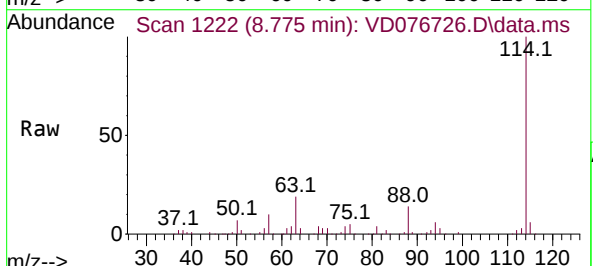
Tgt Ion: 114 Resp: 246696

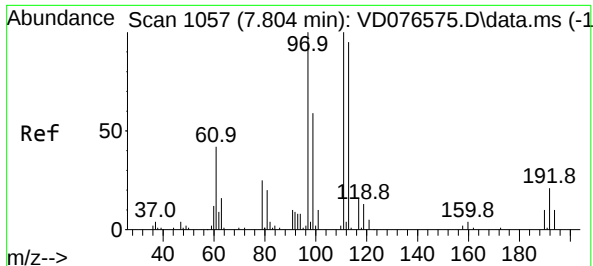
Ion Ratio Lower Upper

114 100

63 19.5 0.0 33.4

88 14.3 0.0 26.2





#35

Dibromofluoromethane

Concen: 56.334 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD076726.D

Acq: 12 Jul 2023 11:45

Instrument :

MSVOA_D

ClientSampleId :

WC-1

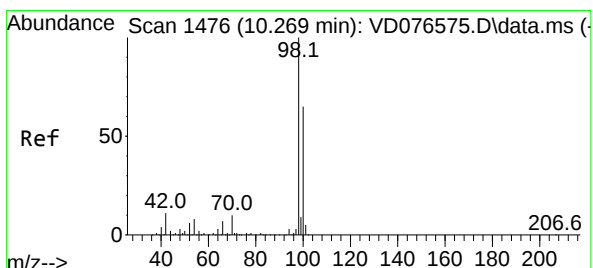
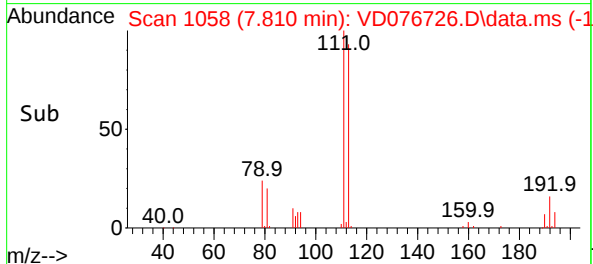
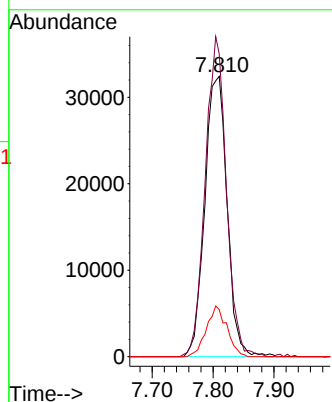
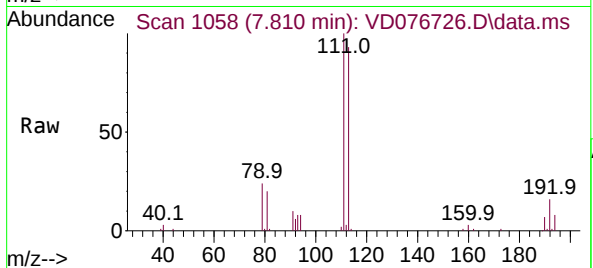
Tgt Ion:113 Resp: 82560

Ion Ratio Lower Upper

113 100

111 107.7 84.7 127.1

192 16.7 16.8 25.2#



#50

Toluene-d8

Concen: 57.785 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD076726.D

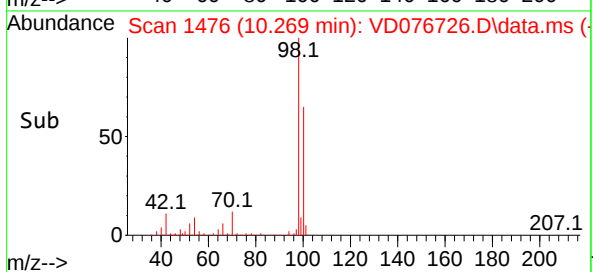
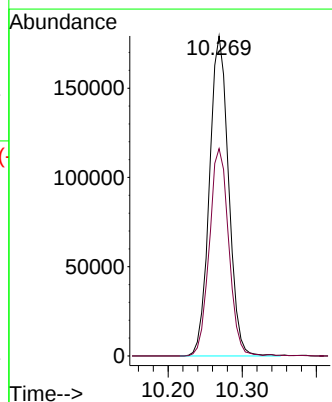
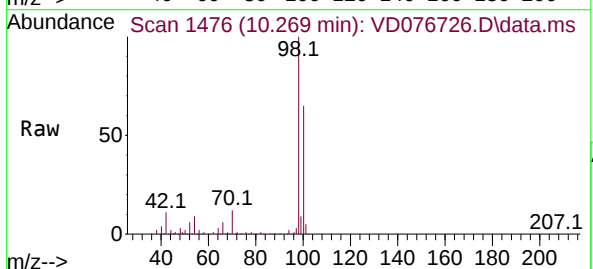
Acq: 12 Jul 2023 11:45

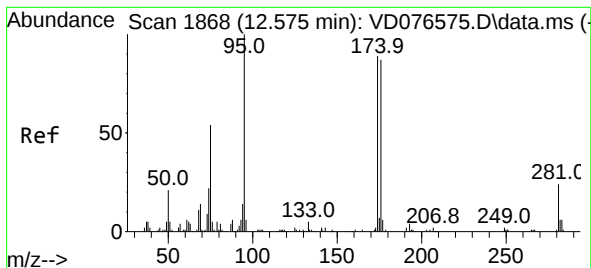
Tgt Ion: 98 Resp: 321170

Ion Ratio Lower Upper

98 100

100 65.4 50.3 75.5

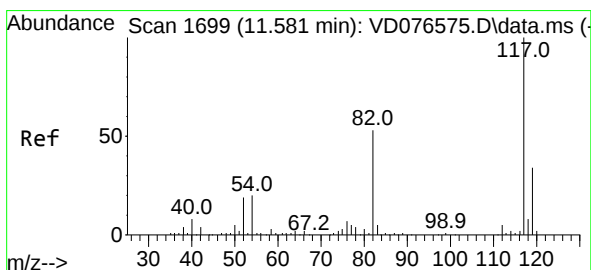
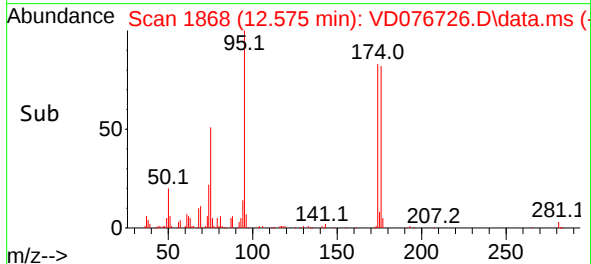
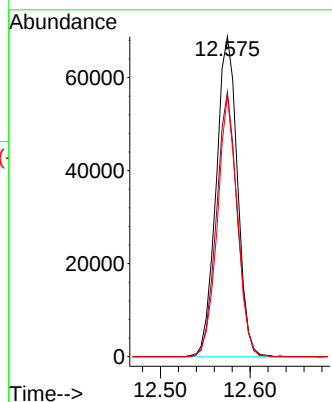
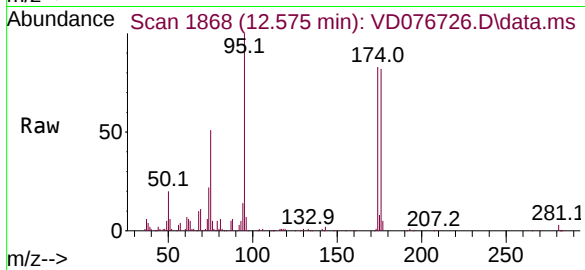




#62
4-Bromofluorobenzene
Concen: 62.895 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076726.D
Acq: 12 Jul 2023 11:45

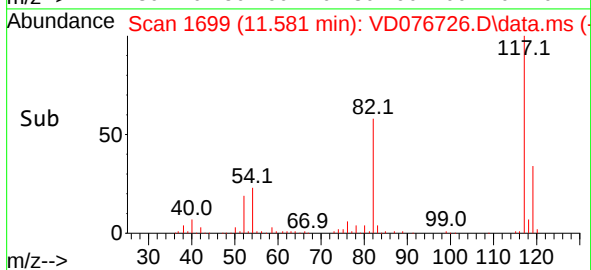
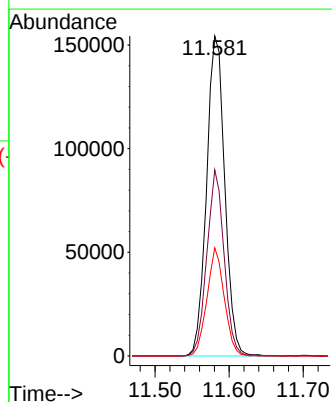
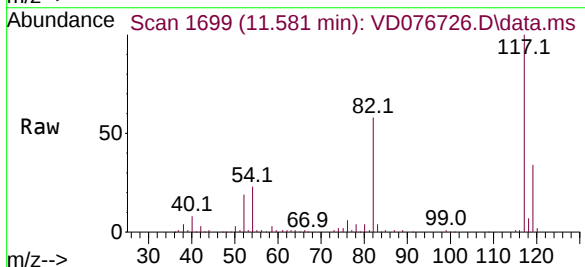
Instrument :
MSVOA_D
ClientSampleId :
WC-1

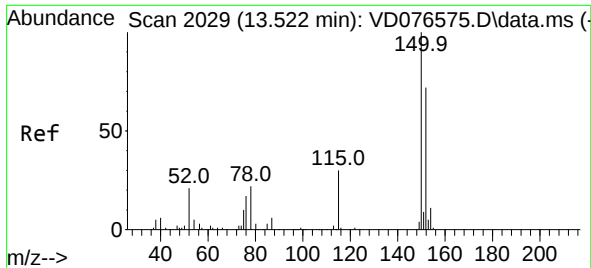
Tgt Ion: 95 Resp: 113451
Ion Ratio Lower Upper
95 100
174 80.7 0.0 201.8
176 76.3 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076726.D
Acq: 12 Jul 2023 11:45

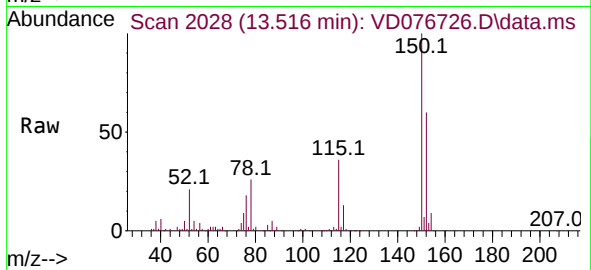
Tgt Ion: 117 Resp: 263189
Ion Ratio Lower Upper
117 100
82 58.2 38.3 57.5#
119 33.8 25.0 37.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD076726.D
 Acq: 12 Jul 2023 11:45

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-1



Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.6	27.1	81.3
150	157.8	0.0	353.6

