

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060623\
 Data File : VD076345.D
 Acq On : 06 Jun 2023 17:33
 Operator : KP/SY
 Sample : 03047-05
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB33B

Quant Time: Jun 07 06:11:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 06 02:52:23 2023
 Response via : Initial Calibration

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

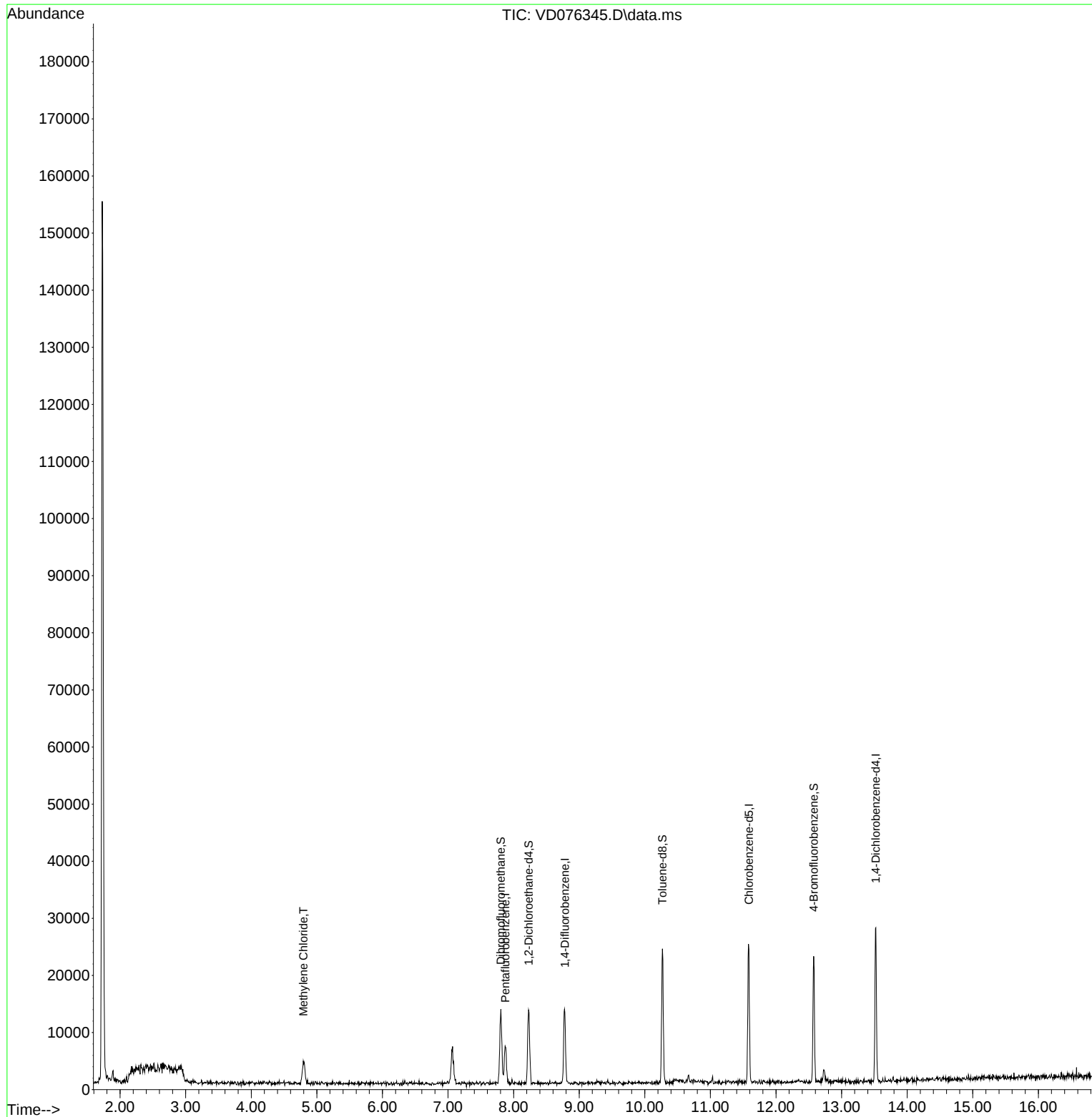
Internal Standards						
1) Pentafluorobenzene	7.875	168	7260	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	14877	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	16970	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	8488	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	10489	161.247	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 322.500%#	
35) Dibromofluoromethane	7.805	113	9330	98.773	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 197.540%#	
50) Toluene-d8	10.269	98	18191	48.369	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.740%	
62) 4-Bromofluorobenzene	12.575	95	6603	66.343	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 132.680%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.793	84	3541	34.257	ug/l #	88

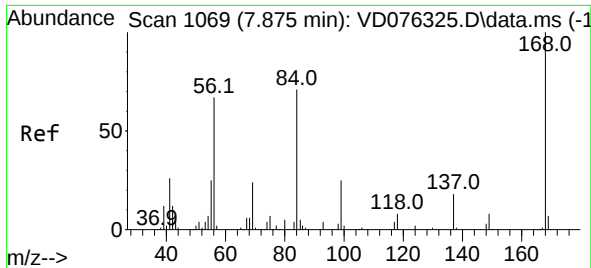
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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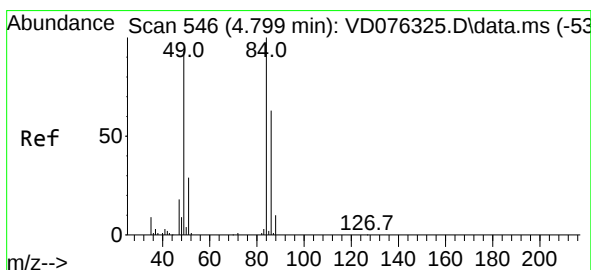
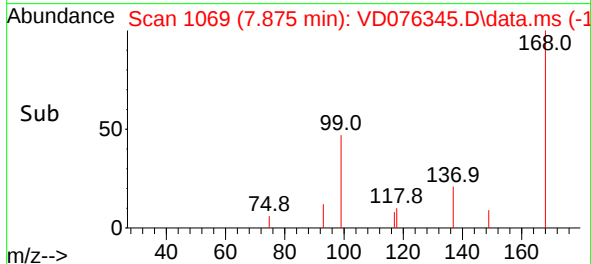
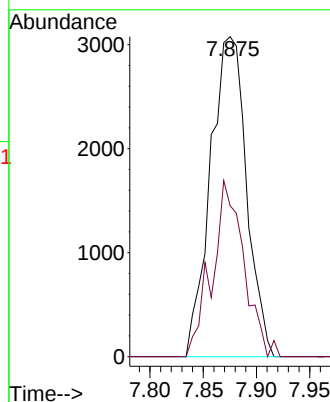
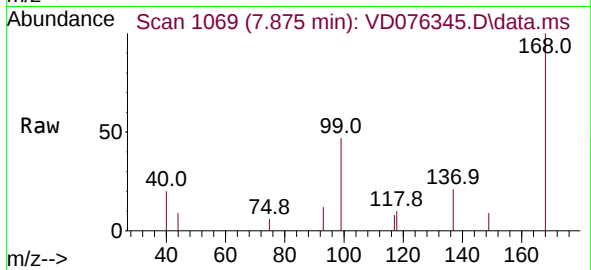




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076345.D
Acq: 06 Jun 2023 17:33

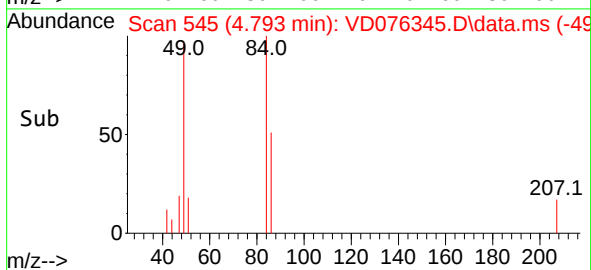
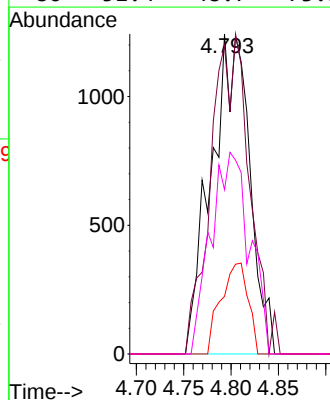
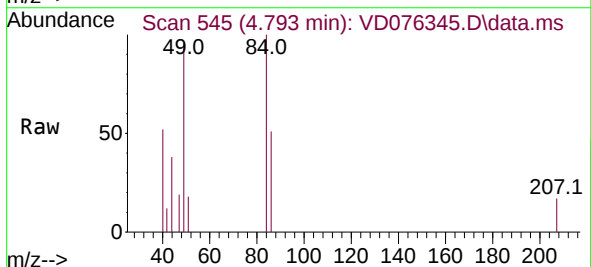
Instrument :
MSVOA_D
ClientSampleId :
SB33B

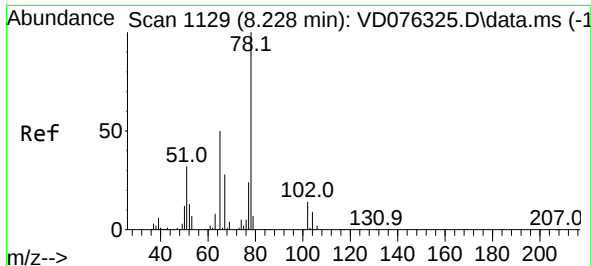
Tgt Ion:168 Resp: 7260
Ion Ratio Lower Upper
168 100
99 47.2 36.7 55.1



#20
Methylene Chloride
Concen: 34.257 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD076345.D
Acq: 06 Jun 2023 17:33

Tgt Ion: 84 Resp: 3541
Ion Ratio Lower Upper
84 100
49 96.5 71.4 107.2
51 18.0 24.5 36.7#
86 51.4 48.7 73.1





#33

1,2-Dichloroethane-d4

Concen: 161.247 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD076345.D

Acq: 06 Jun 2023 17:33

Instrument :

MSVOA_D

ClientSampleId :

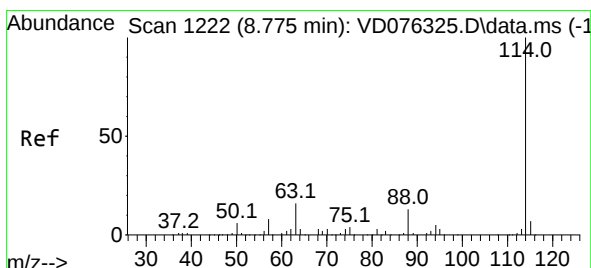
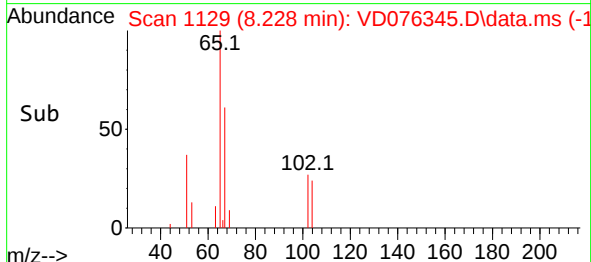
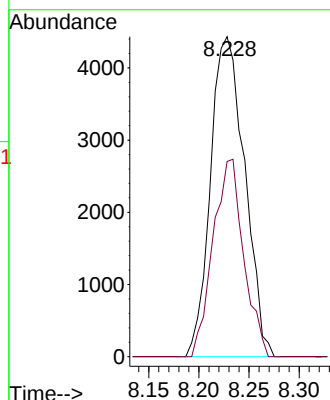
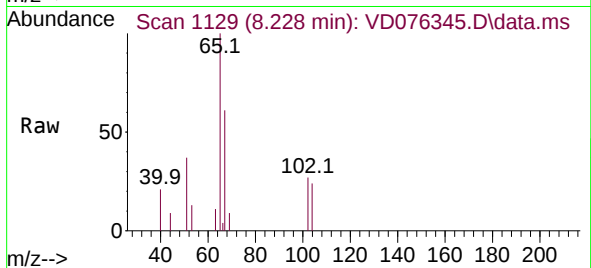
SB33B

Tgt Ion: 65 Resp: 10489

Ion Ratio Lower Upper

65 100

67 55.1 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD076345.D

Acq: 06 Jun 2023 17:33

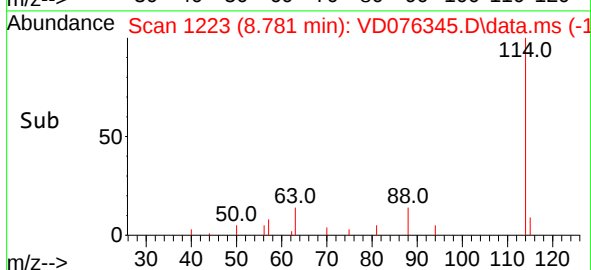
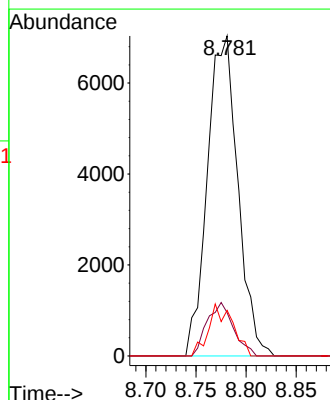
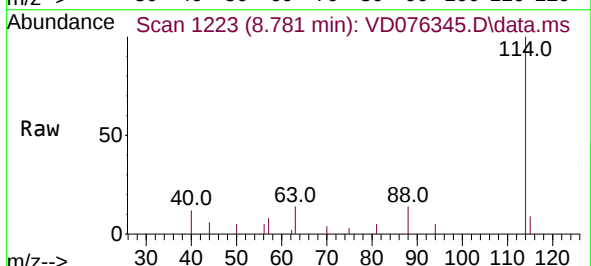
Tgt Ion: 114 Resp: 14877

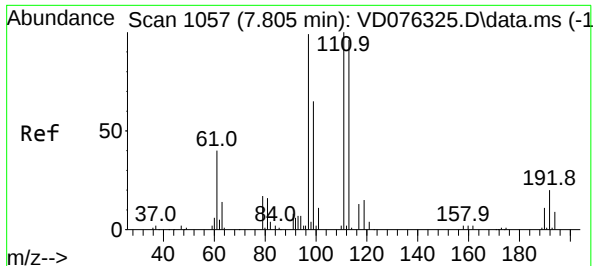
Ion Ratio Lower Upper

114 100

63 13.6 0.0 33.4

88 14.3 0.0 26.2





#35

Dibromofluoromethane

Concen: 98.773 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD076345.D

Acq: 06 Jun 2023 17:33

Instrument :

MSVOA_D

ClientSampleId :

SB33B

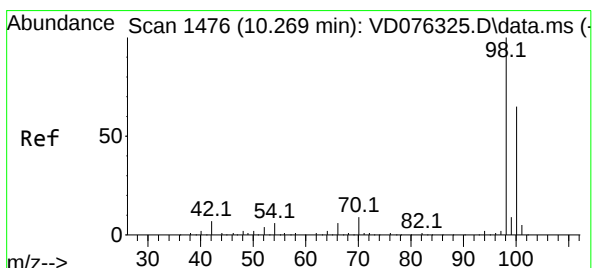
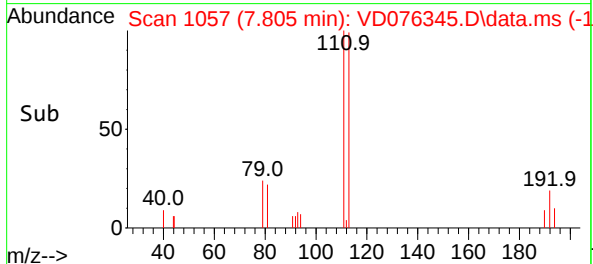
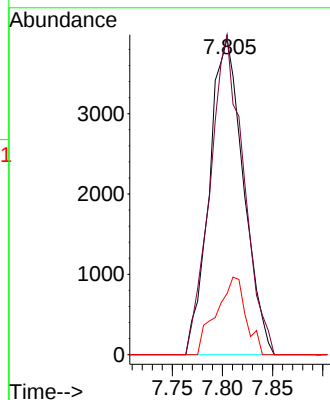
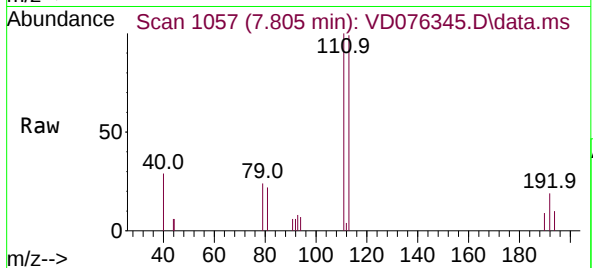
Tgt Ion:113 Resp: 9330

Ion Ratio Lower Upper

113 100

111 99.2 84.7 127.1

192 21.2 16.8 25.2



#50

Toluene-d8

Concen: 48.369 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD076345.D

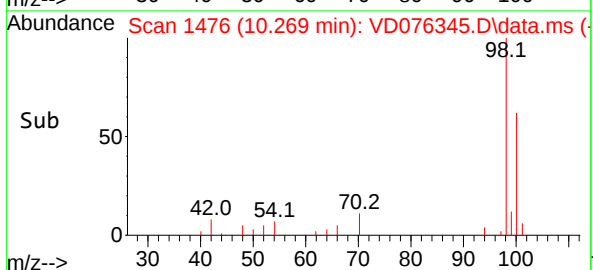
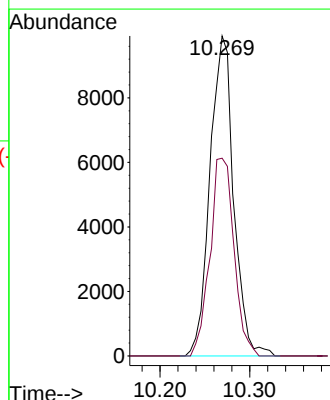
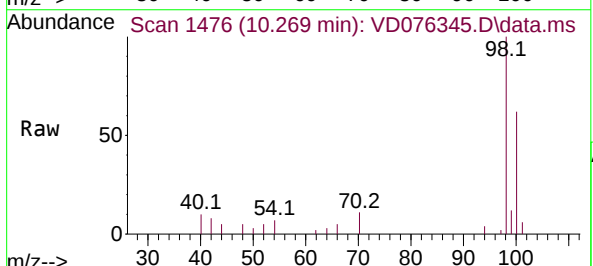
Acq: 06 Jun 2023 17:33

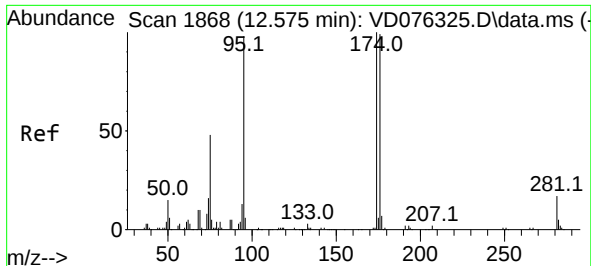
Tgt Ion: 98 Resp: 18191

Ion Ratio Lower Upper

98 100

100 62.7 50.3 75.5

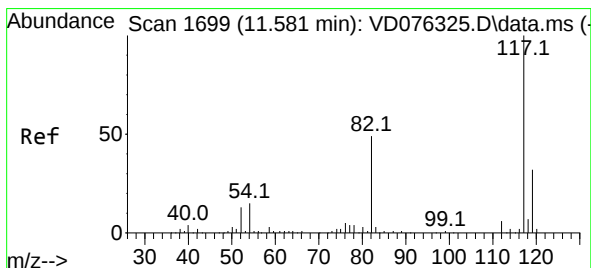
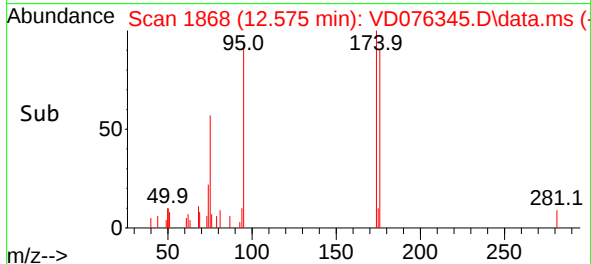
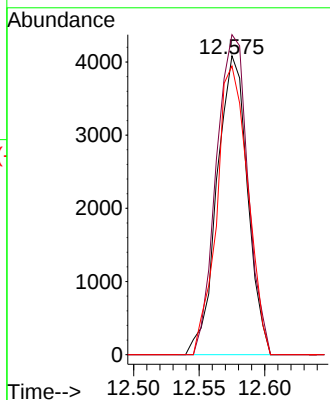
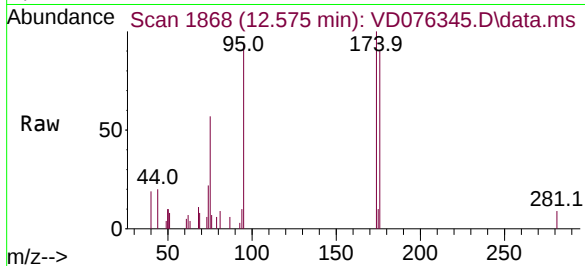




#62
4-Bromofluorobenzene
Concen: 66.343 ug/l
RT: 12.575 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076345.D
Acq: 06 Jun 2023 17:33

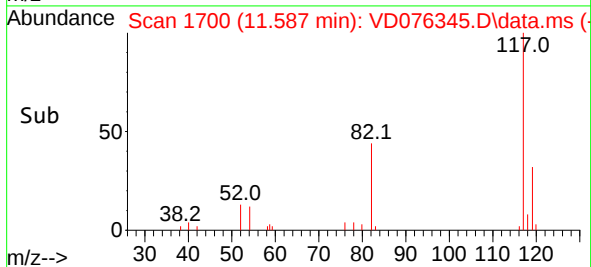
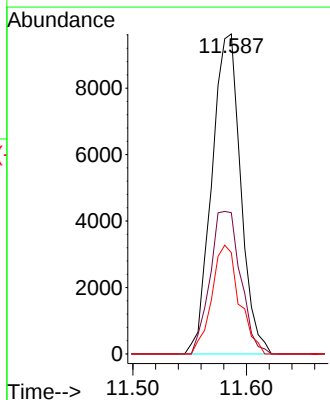
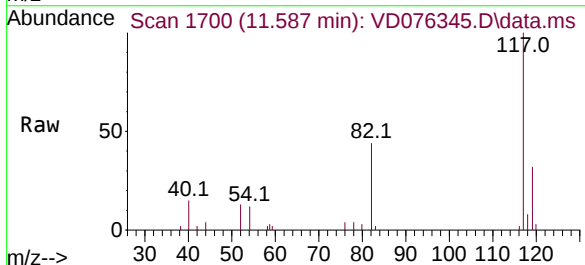
Instrument :
MSVOA_D
ClientSampleId :
SB33B

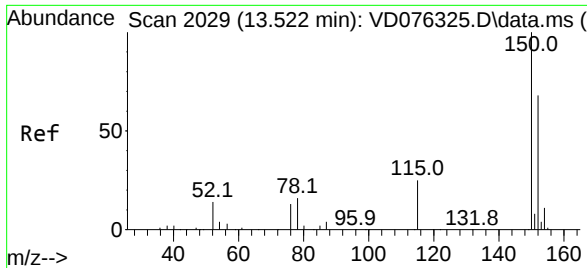
Tgt Ion:	95	Resp:	6603
Ion	Ratio	Lower	Upper
95	100		
174	110.7	0.0	201.8
176	98.5	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 1700
Delta R.T. 0.006 min
Lab File: VD076345.D
Acq: 06 Jun 2023 17:33

Tgt Ion:	117	Resp:	16970
Ion	Ratio	Lower	Upper
117	100		
82	44.1	38.3	57.5
119	31.7	25.0	37.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD076345.D
 Acq: 06 Jun 2023 17:33

Instrument :
 MSVOA_D
 ClientSampleId :
 SB33B

Tgt Ion:152 Resp: 8488
 Ion Ratio Lower Upper
 152 100
 115 56.4 27.1 81.3
 150 156.8 0.0 353.6

