

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053123\
 Data File : VD076295.D
 Acq On : 31 May 2023 20:24
 Operator : KP/SY
 Sample : 02983-05
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB24A

Quant Time: Jun 01 01:44:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

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

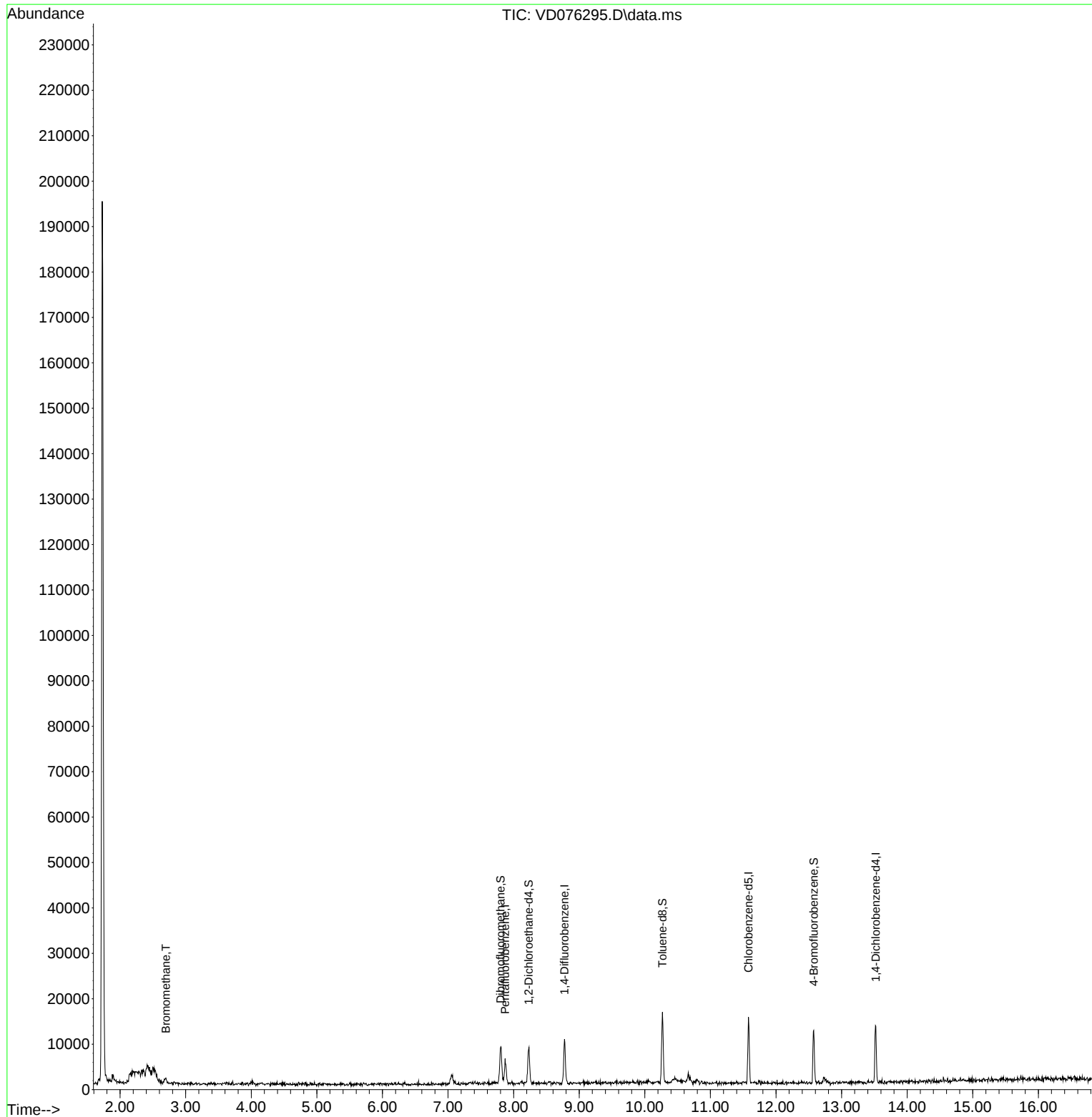
Internal Standards						
1) Pentafluorobenzene	7.869	168	5581	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	10443	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	9429	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	4068	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	5997	111.181	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	222.360%#
35) Dibromofluoromethane	7.799	113	6354	88.025	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	176.060%#
50) Toluene-d8	10.269	98	11175	39.713	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	79.420%
62) 4-Bromofluorobenzene	12.575	95	3789	48.473	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.940%
Target Compounds						
					Qvalue	
5) Bromomethane	2.699	94	715	9.783	ug/l #	67

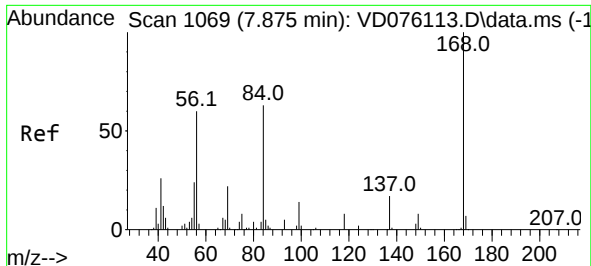
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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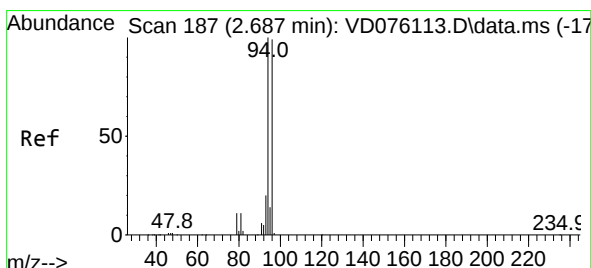
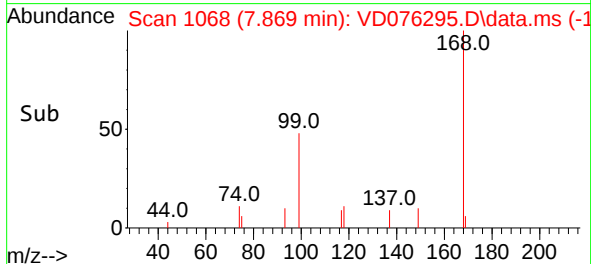
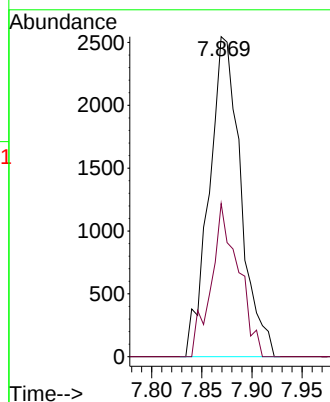
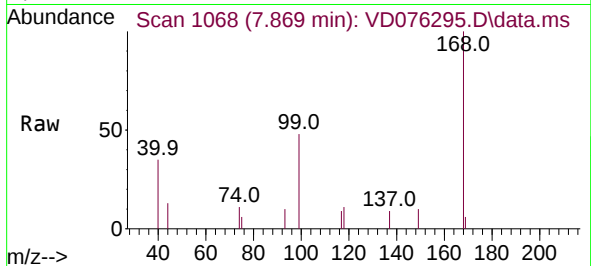




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD076295.D
Acq: 31 May 2023 20:24

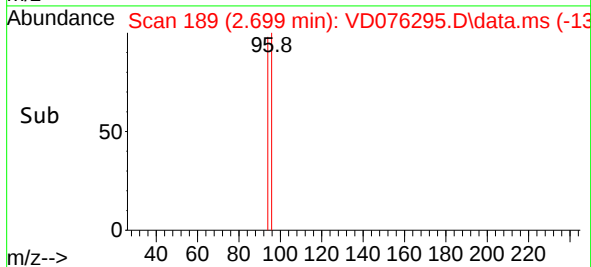
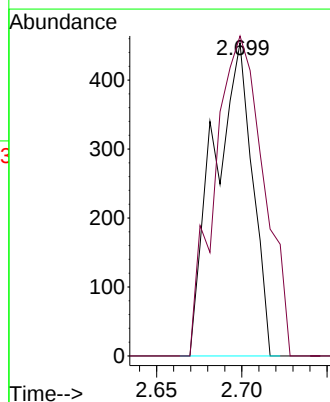
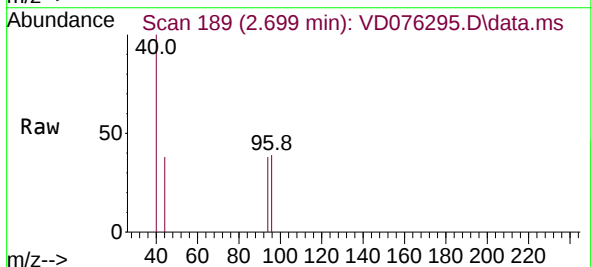
Instrument :
MSVOA_D
ClientSampleId :
SB24A

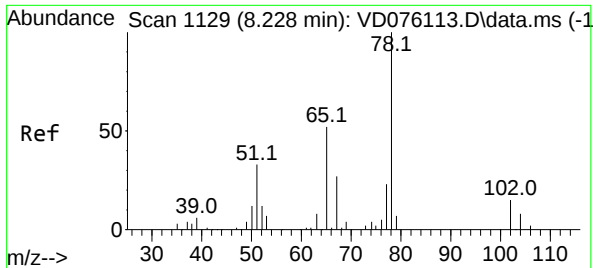
Tgt Ion:168 Resp: 5581
Ion Ratio Lower Upper
168 100
99 47.8 43.8 65.6



#5
Bromomethane
Concen: 9.783 ug/l
RT: 2.699 min Scan# 189
Delta R.T. 0.012 min
Lab File: VD076295.D
Acq: 31 May 2023 20:24

Tgt Ion: 94 Resp: 715
Ion Ratio Lower Upper
94 100
96 129.7 77.5 116.3#





#33

1,2-Dichloroethane-d4

Concen: 111.181 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD076295.D

Acq: 31 May 2023 20:24

Instrument :

MSVOA_D

ClientSampleId :

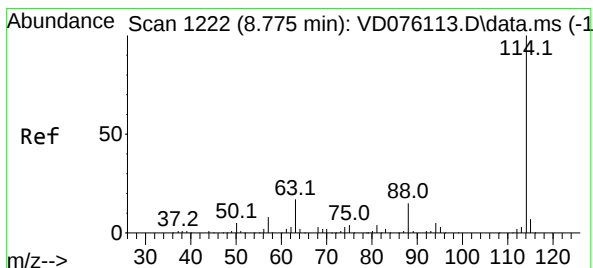
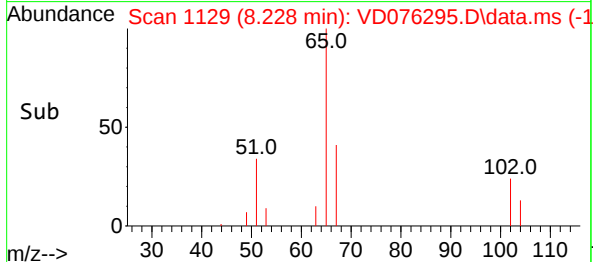
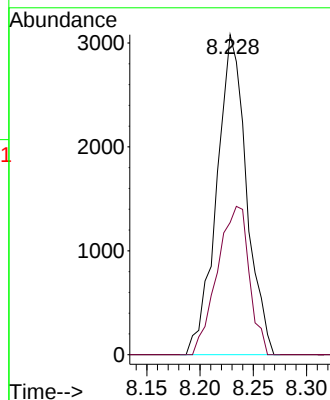
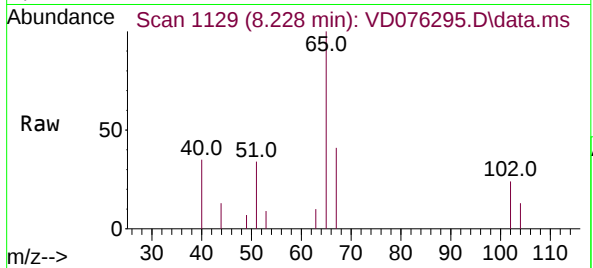
SB24A

Tgt Ion: 65 Resp: 5997

Ion Ratio Lower Upper

65 100

67 49.7 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD076295.D

Acq: 31 May 2023 20:24

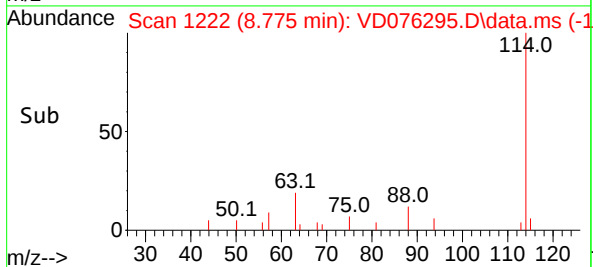
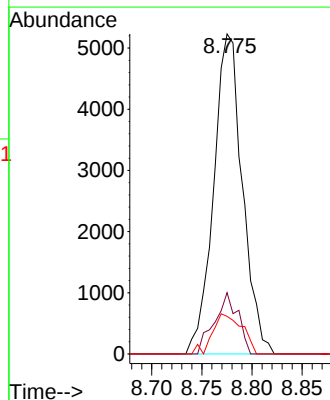
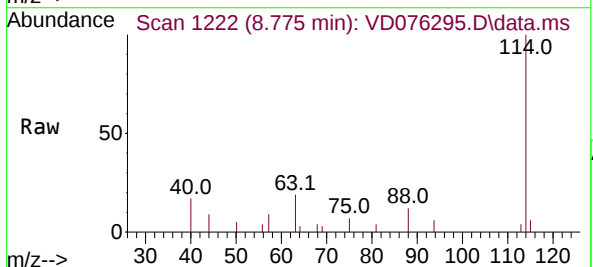
Tgt Ion: 114 Resp: 10443

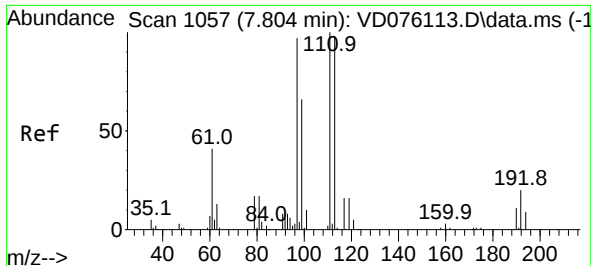
Ion Ratio Lower Upper

114 100

63 19.2 0.0 41.6

88 11.7 0.0 30.6

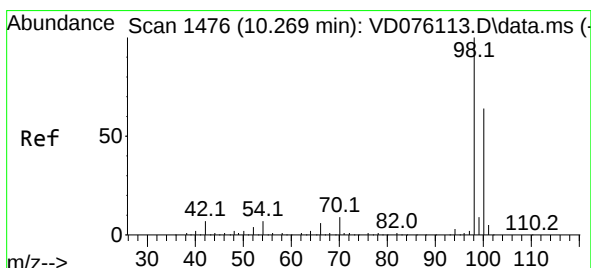
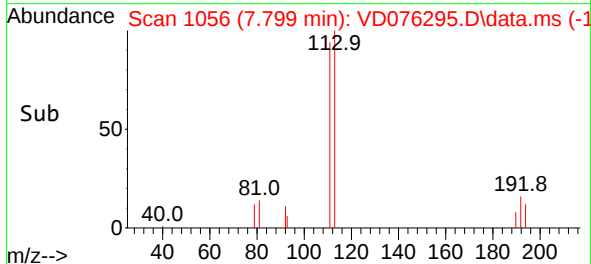
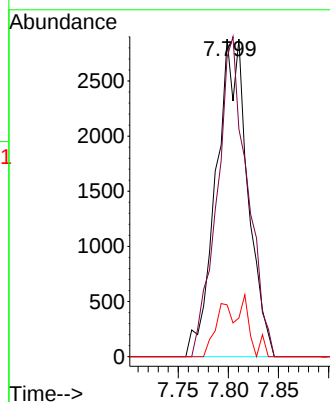
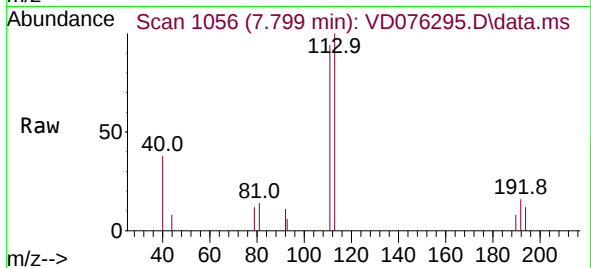




#35
 Dibromofluoromethane
 Concen: 88.025 ug/l
 RT: 7.799 min Scan# 1056
 Delta R.T. -0.006 min
 Lab File: VD076295.D
 Acq: 31 May 2023 20:24

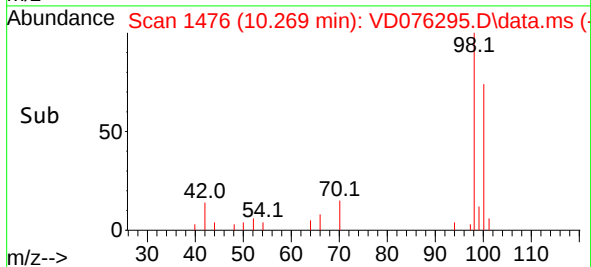
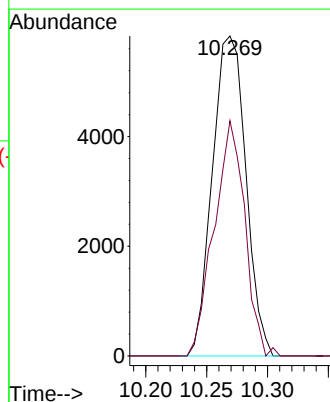
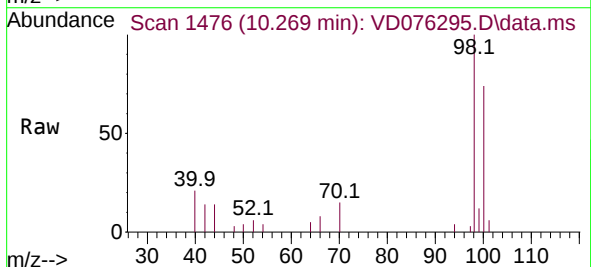
Instrument :
 MSVOA_D
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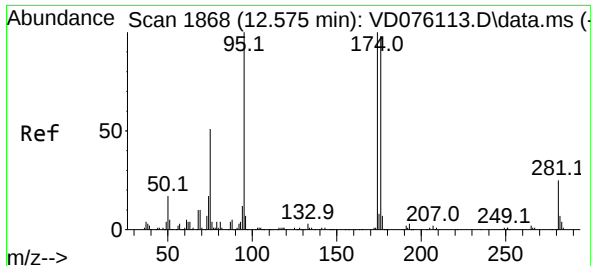
Tgt Ion:113	Resp:	6354	
Ion	Ratio	Lower	Upper
113	100		
111	95.8	81.4	122.0
192	9.2	15.2	22.8#



#50
 Toluene-d8
 Concen: 39.713 ug/l
 RT: 10.269 min Scan# 1476
 Delta R.T. 0.000 min
 Lab File: VD076295.D
 Acq: 31 May 2023 20:24

Tgt Ion: 98	Resp:	11175	
Ion Ratio	Lower	Upper	
98 100			
100 67.2	52.1	78.1	

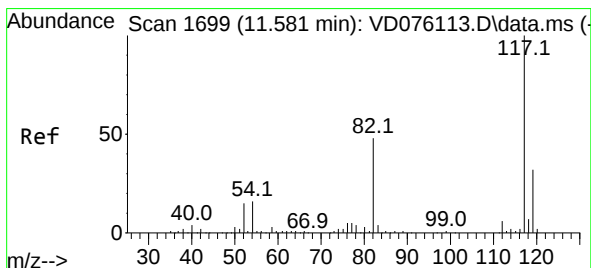
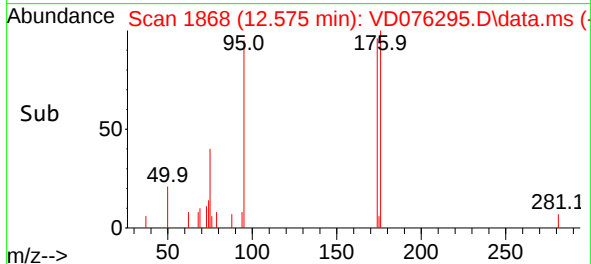
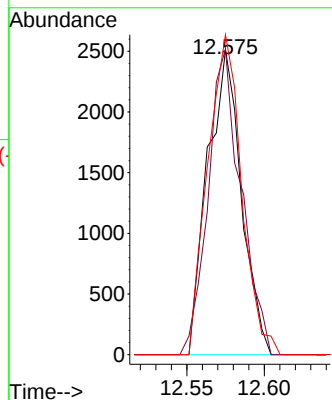
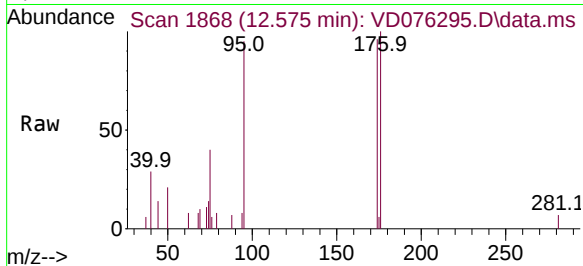




#62
4-Bromofluorobenzene
Concen: 48.473 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076295.D
Acq: 31 May 2023 20:24

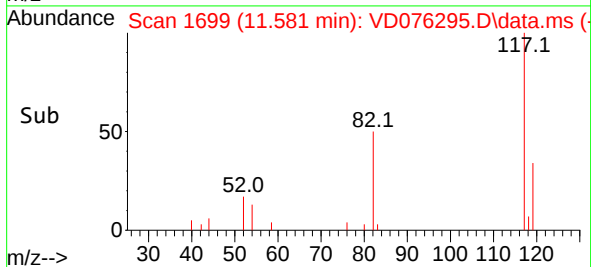
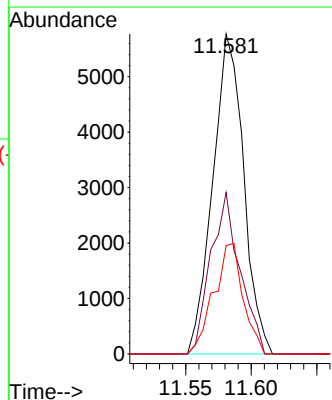
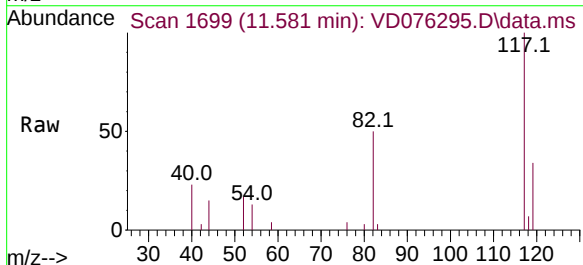
Instrument :
MSVOA_D
ClientSampleId :
SB24A

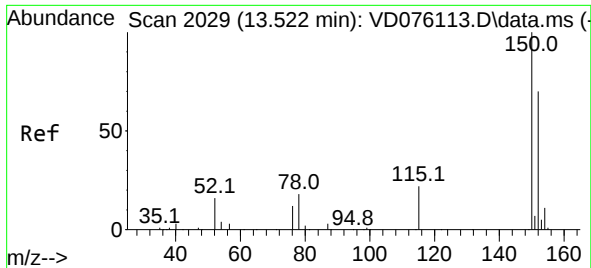
Tgt Ion:	95	Resp:	3789
Ion	Ratio	Lower	Upper
95	100		
174	98.0	0.0	164.0
176	105.9	0.0	156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076295.D
Acq: 31 May 2023 20:24

Tgt Ion:	117	Resp:	9429
Ion	Ratio	Lower	Upper
117	100		
82	50.4	44.0	66.0
119	33.8	25.1	37.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 20

Delta R.T. -0.000 min

Lab File: VD076295.D

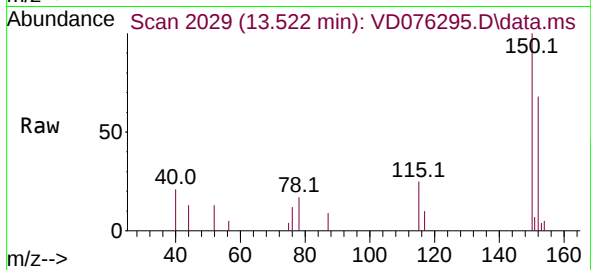
Acq: 31 May 2023 20:24

Instrument :

MSVOA_D

ClientSampleId :

SB24A



Tgt Ion:152 Resp: 4068

Ion Ratio Lower Upper

152 100

115 55.2 30.1 90.3

150 166.1 0.0 364.8

