

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053123\
 Data File : VD076298.D
 Acq On : 31 May 2023 21:55
 Operator : KP/SY
 Sample : 02985-02
 Misc : 14.13G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PLYMOUTH-XRDS-001

Quant Time: Jun 01 01:44:55 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)

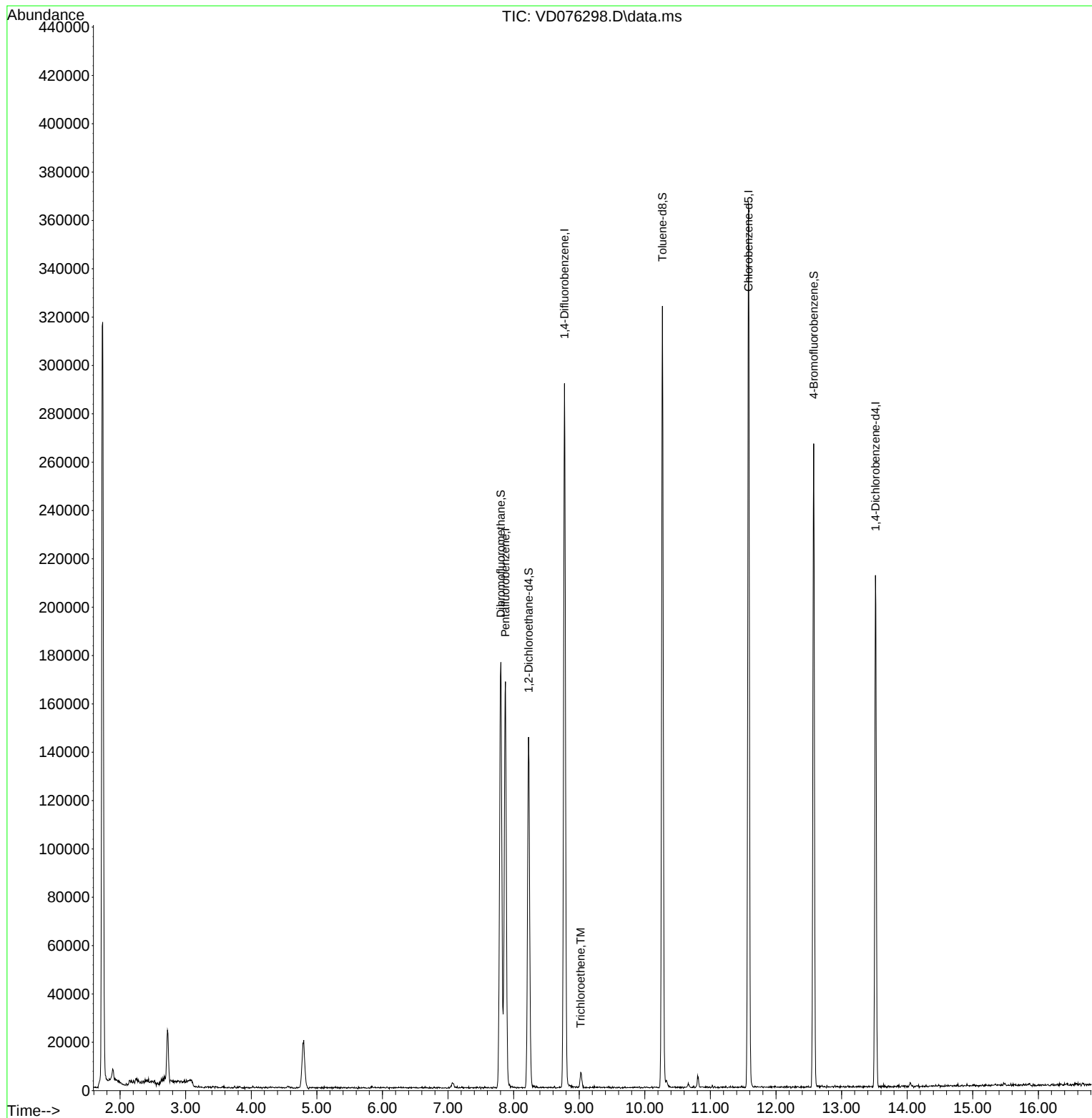
Internal Standards						
1) Pentafluorobenzene	7.875	168	135930	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	277790	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	227287	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	61909	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	107933	82.158	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 164.320%#	
35) Dibromofluoromethane	7.805	113	132970	69.250	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 138.500%	
50) Toluene-d8	10.269	98	237271	31.699	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 63.400%	
62) 4-Bromofluorobenzene	12.575	95	83296	40.060	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 80.120%	
Target Compounds						
					Qvalue	
44) Trichloroethene	9.022	130	2487	1.058	ug/l	91

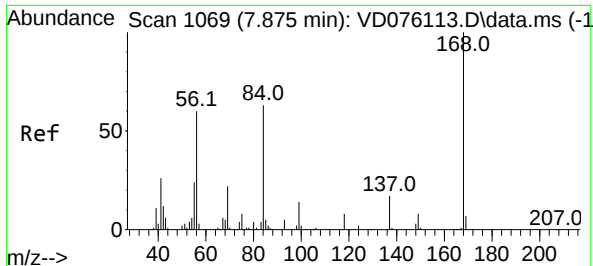
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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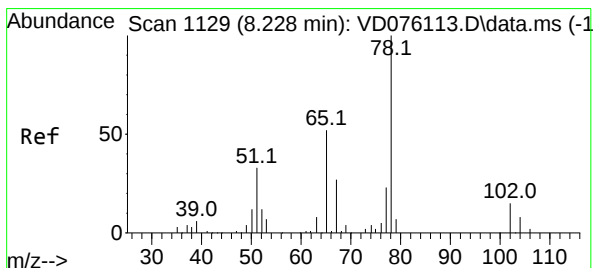
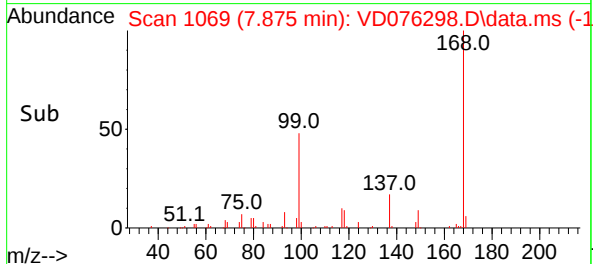
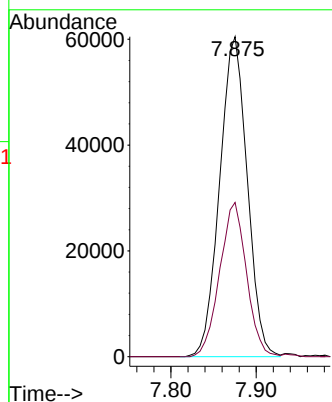
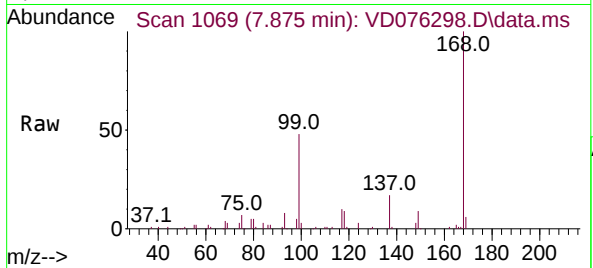




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076298.D
Acq: 31 May 2023 21:55

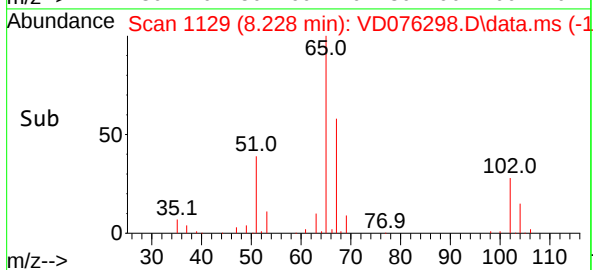
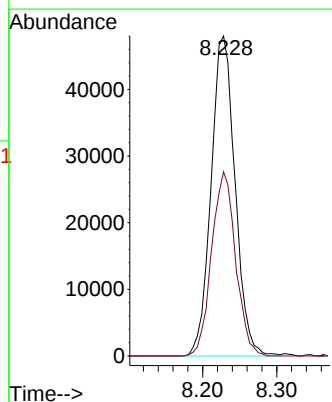
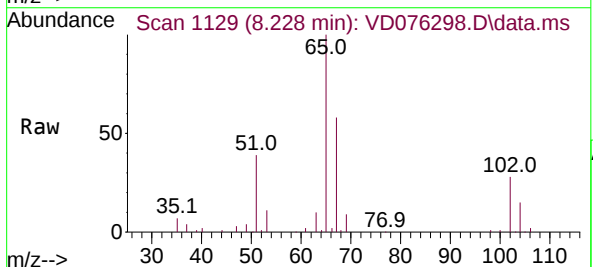
Instrument :
MSVOA_D
ClientSampleId :
PLYMOUTH-XRDS-001

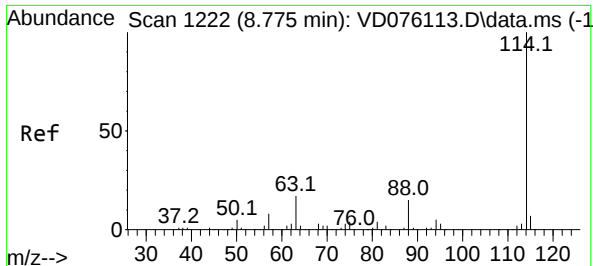
Tgt Ion:168 Resp: 135930
Ion Ratio Lower Upper
168 100
99 48.2 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 82.158 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD076298.D
Acq: 31 May 2023 21:55

Tgt Ion: 65 Resp: 107933
Ion Ratio Lower Upper
65 100
67 57.6 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD076298.D

Acq: 31 May 2023 21:55

Instrument :

MSVOA_D

ClientSampleId :

PLYMOUTH-XRDS-001

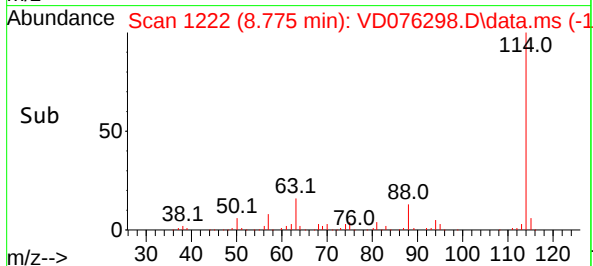
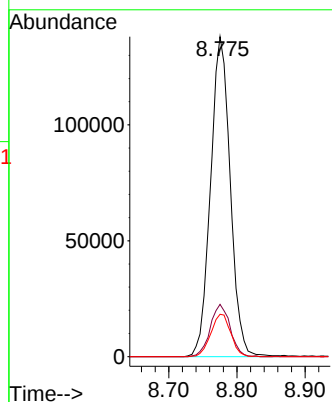
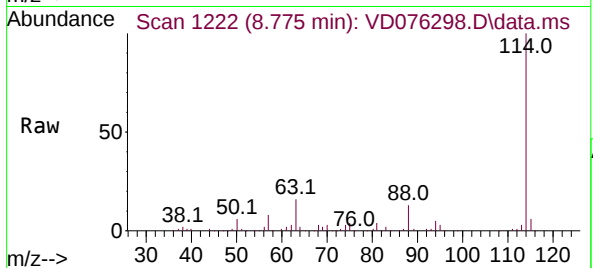
Tgt Ion:114 Resp: 277790

Ion Ratio Lower Upper

114 100

63 16.4 0.0 41.6

88 13.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 69.250 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076298.D

Acq: 31 May 2023 21:55

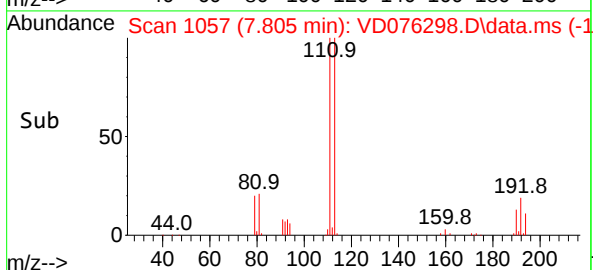
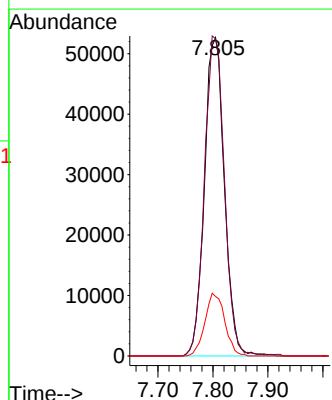
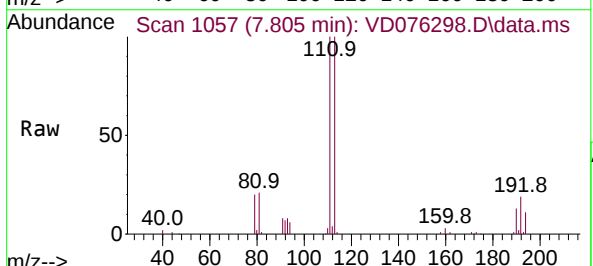
Tgt Ion:113 Resp: 132970

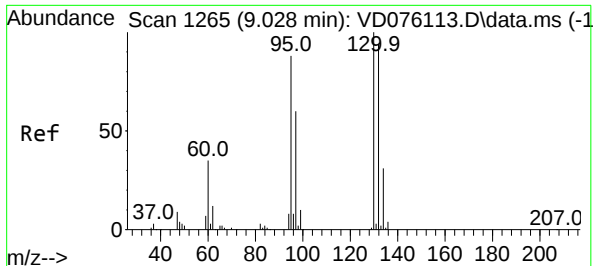
Ion Ratio Lower Upper

113 100

111 100.7 81.4 122.0

192 19.6 15.2 22.8

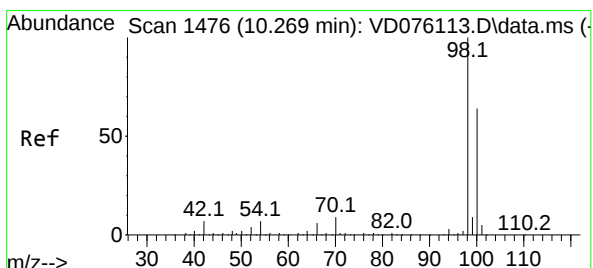
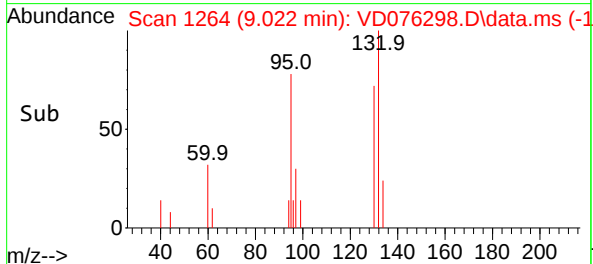
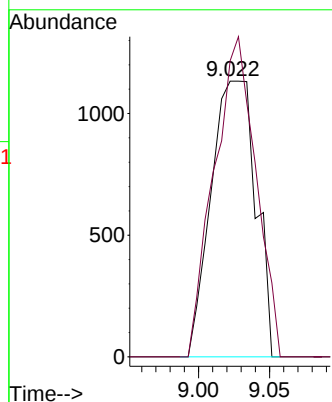
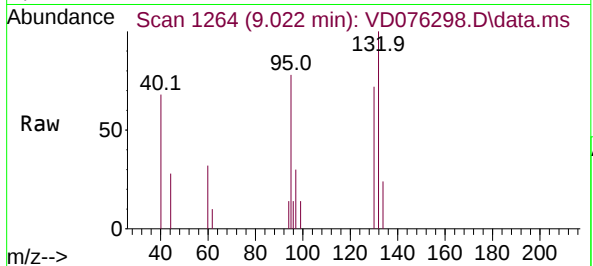




#44
Trichloroethene
Concen: 1.058 ug/l
RT: 9.022 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD076298.D
Acq: 31 May 2023 21:55

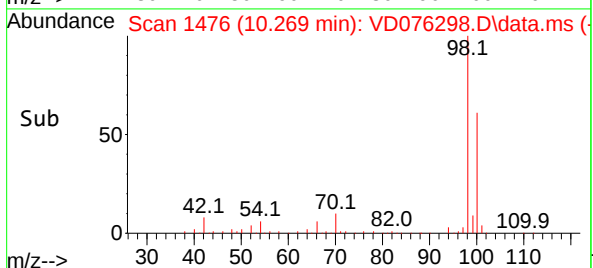
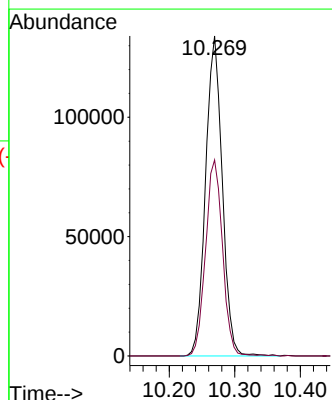
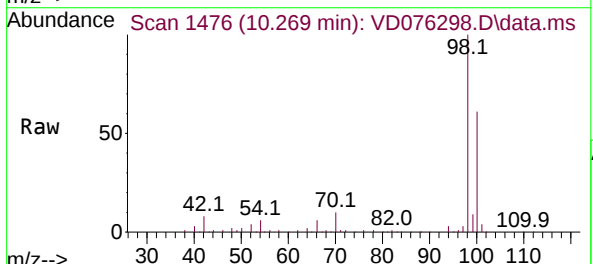
Instrument :
MSVOA_D
ClientSampleId :
PLYMOUTH-XRDS-001

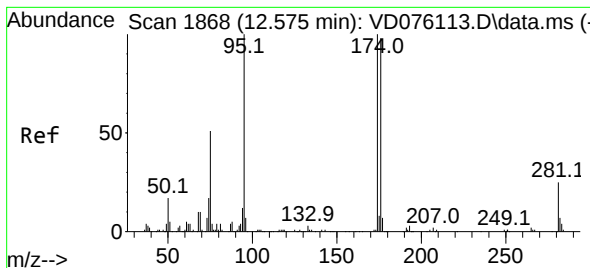
Tgt Ion:130 Resp: 2487
Ion Ratio Lower Upper
130 100
95 107.4 0.0 197.6



#50
Toluene-d8
Concen: 31.699 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076298.D
Acq: 31 May 2023 21:55

Tgt Ion: 98 Resp: 237271
Ion Ratio Lower Upper
98 100
100 62.2 52.1 78.1

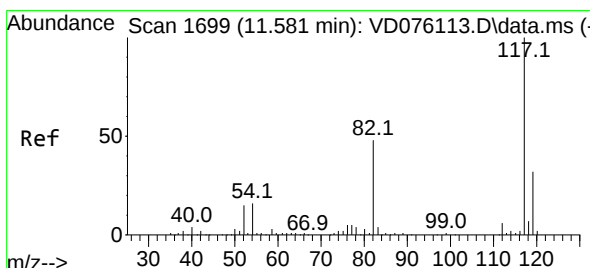
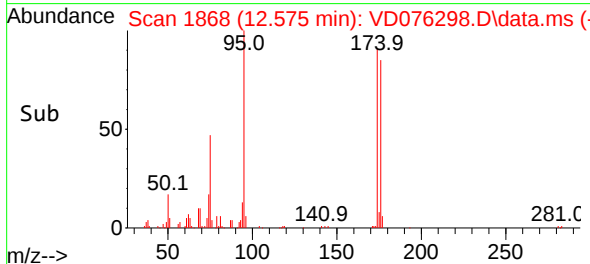
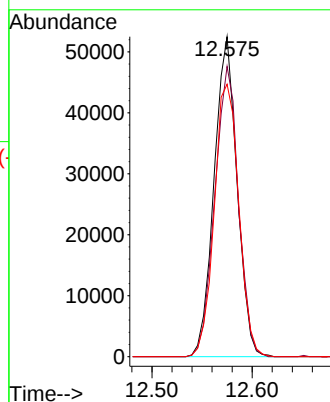
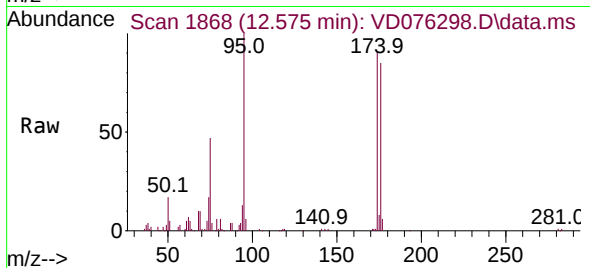




#62
4-Bromofluorobenzene
Concen: 40.060 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076298.D
Acq: 31 May 2023 21:55

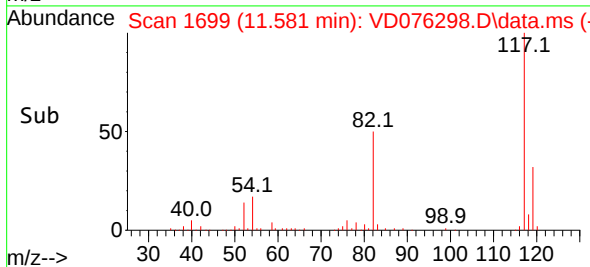
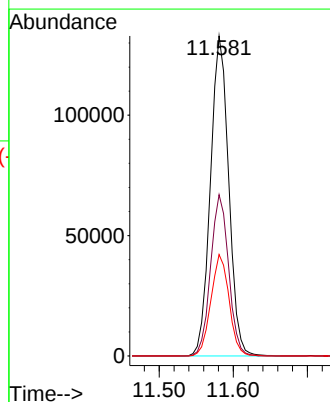
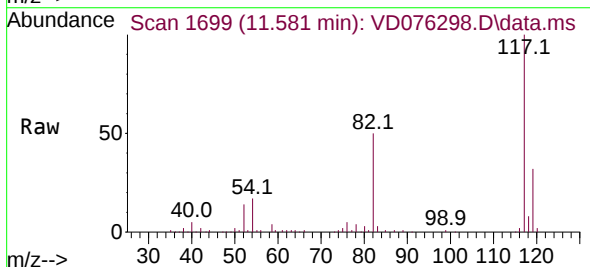
Instrument :
MSVOA_D
ClientSampleId :
PLYMOUTH-XRDS-001

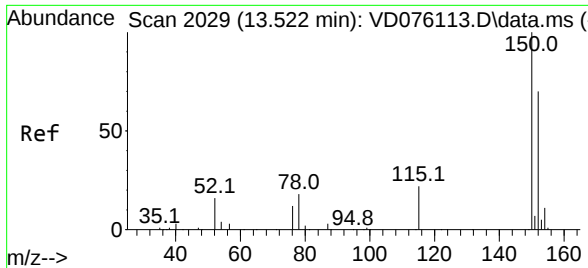
Tgt Ion: 95 Resp: 83296
Ion Ratio Lower Upper
95 100
174 93.4 0.0 164.0
176 91.1 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076298.D
Acq: 31 May 2023 21:55

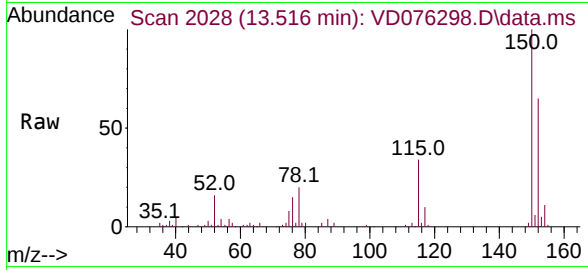
Tgt Ion: 117 Resp: 227287
Ion Ratio Lower Upper
117 100
82 50.4 44.0 66.0
119 31.7 25.1 37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VD076298.D
 Acq: 31 May 2023 21:55

Instrument :
 MSVOA_D
 ClientSampleId :
 PLYMOUTH-XRDS-001



Tgt Ion:152 Resp: 61909
 Ion Ratio Lower Upper
 152 100
 115 52.0 30.1 90.3
 150 158.3 0.0 364.8

