

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041624\
 Data File : VD078826.D
 Acq On : 16 Apr 2024 16:22
 Operator : RP/MD
 Sample : P2126-06
 Misc : 4.62G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1B

Quant Time: Apr 16 22:34:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

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

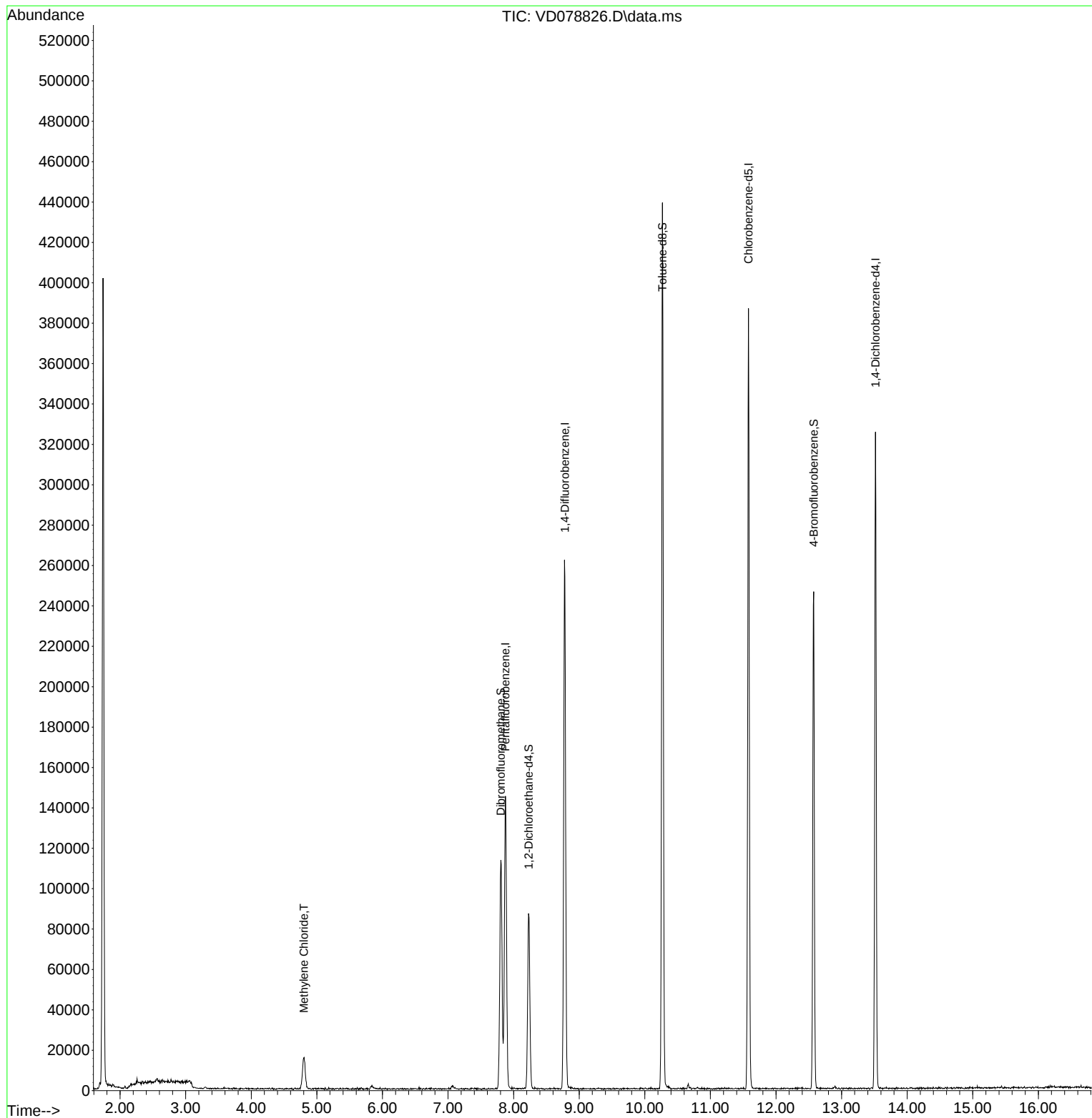
Internal Standards						
1) Pentafluorobenzene	7.875	168	111980	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	242569	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	222471	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	87583	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	69735	66.450	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.900%
35) Dibromofluoromethane	7.805	113	83484	53.454	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.900%
50) Toluene-d8	10.269	98	301194	52.439	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.880%
62) 4-Bromofluorobenzene	12.575	95	71733	42.689	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.380%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.805	84	12299	4.452	ug/l	93

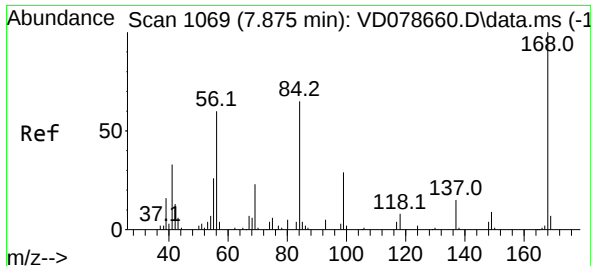
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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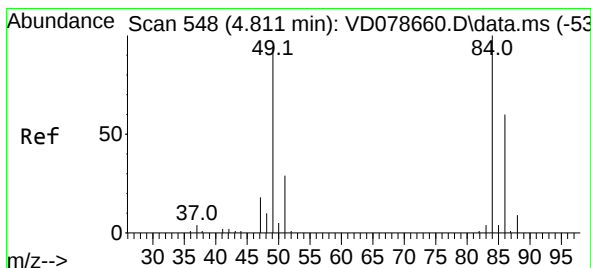
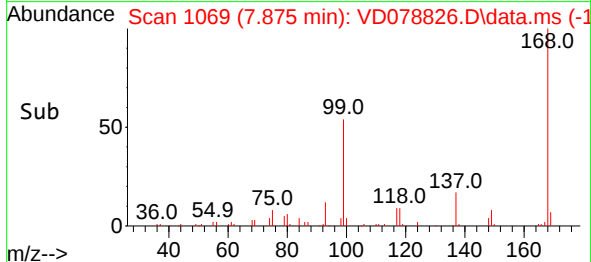
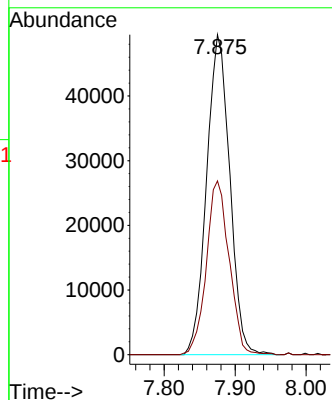
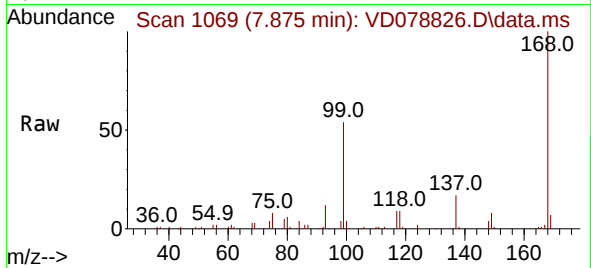




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078826.D
Acq: 16 Apr 2024 16:22

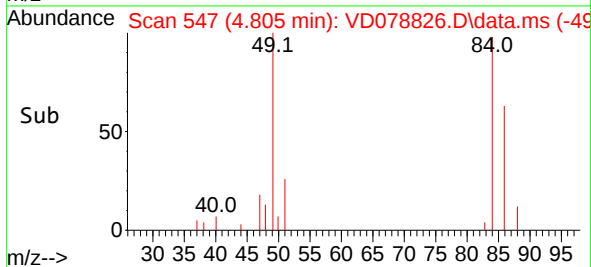
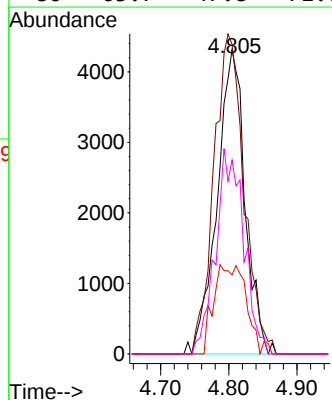
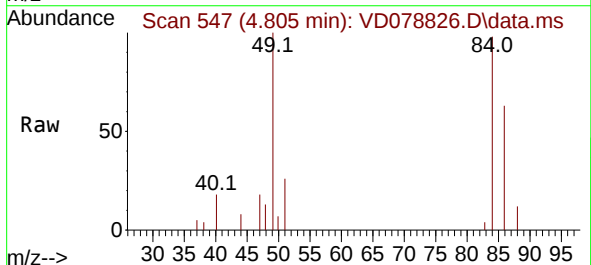
Instrument :
MSVOA_D
ClientSampleId :
SP-1B

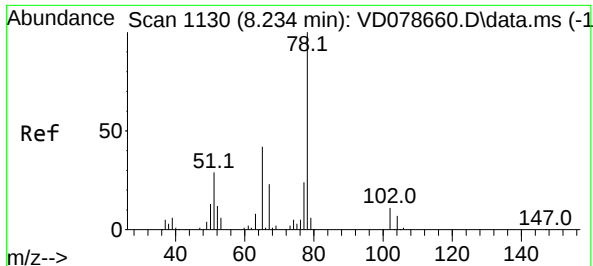
Tgt Ion:168 Resp: 111980
Ion Ratio Lower Upper
168 100
99 54.3 38.8 58.2



#20
Methylene Chloride
Concen: 4.452 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.006 min
Lab File: VD078826.D
Acq: 16 Apr 2024 16:22

Tgt Ion: 84 Resp: 12299
Ion Ratio Lower Upper
84 100
49 101.7 75.6 113.4
51 26.0 23.4 35.0
86 63.7 47.8 71.6





#33

1,2-Dichloroethane-d4

Concen: 66.450 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078826.D

Acq: 16 Apr 2024 16:22

Instrument :

MSVOA_D

ClientSampleId :

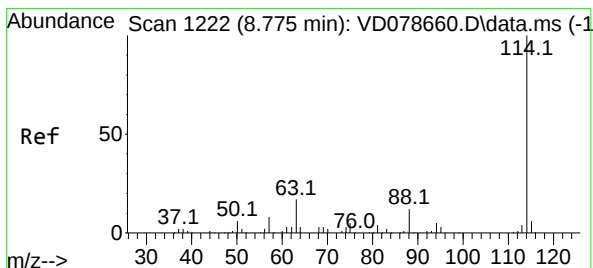
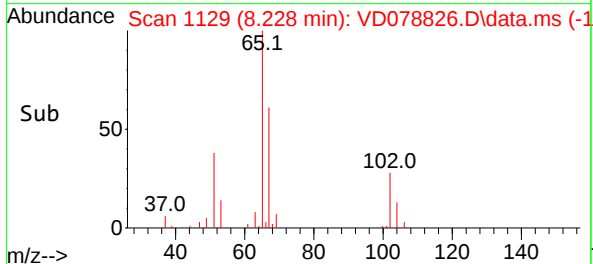
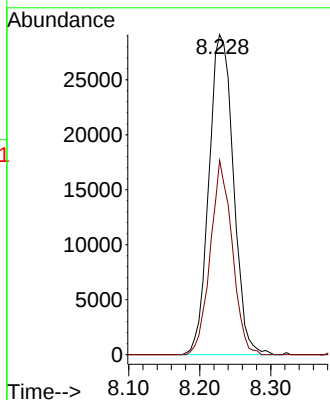
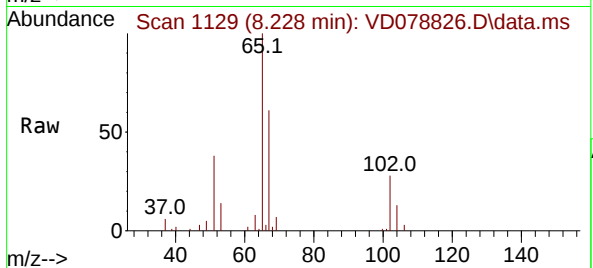
SP-1B

Tgt Ion: 65 Resp: 69735

Ion Ratio Lower Upper

65 100

67 54.0 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD078826.D

Acq: 16 Apr 2024 16:22

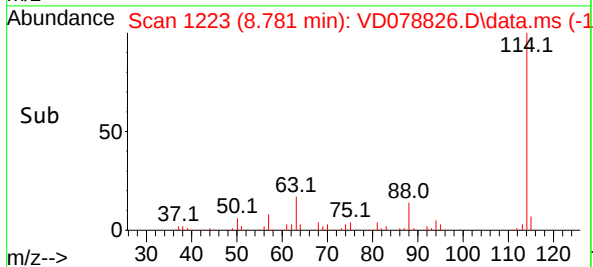
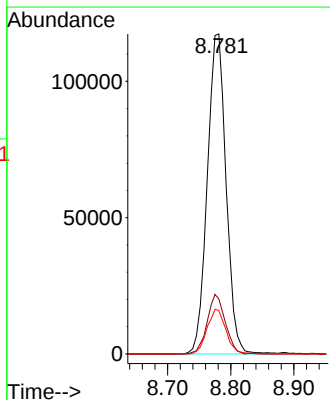
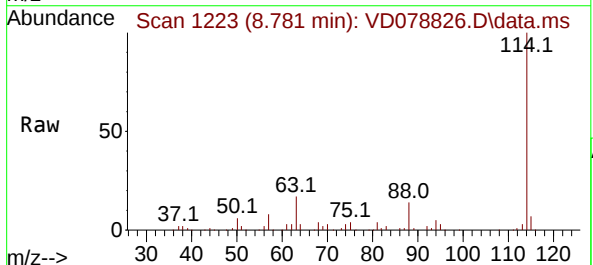
Tgt Ion: 114 Resp: 242569

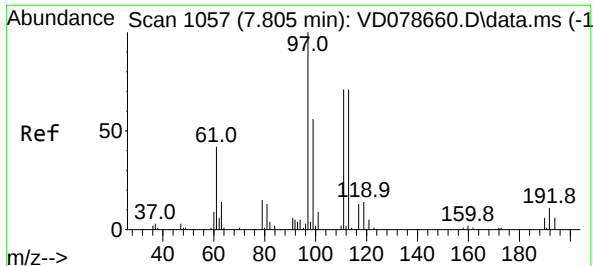
Ion Ratio Lower Upper

114 100

63 17.2 0.0 33.4

88 13.6 0.0 24.6

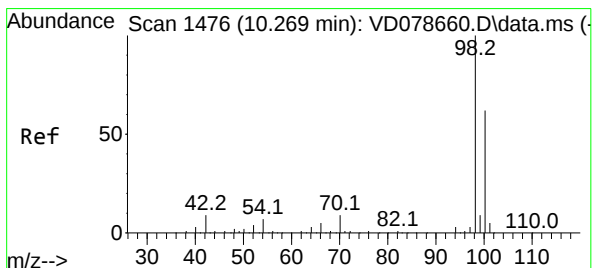
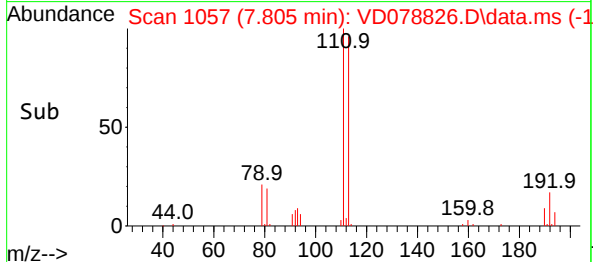
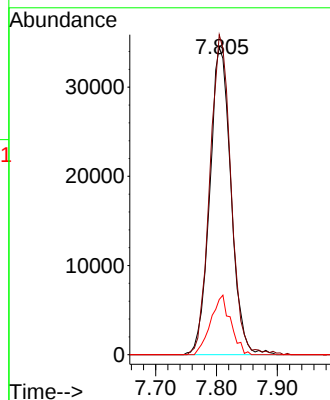
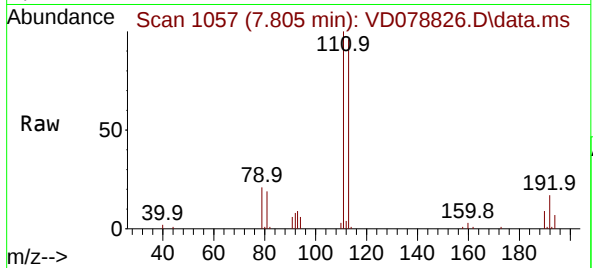




#35
 Dibromofluoromethane
 Concen: 53.454 ug/l
 RT: 7.805 min Scan# 1057
 Delta R.T. 0.000 min
 Lab File: VD078826.D
 Acq: 16 Apr 2024 16:22

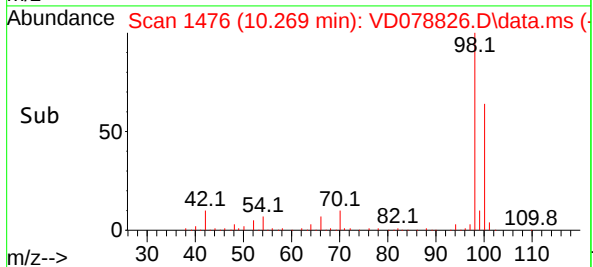
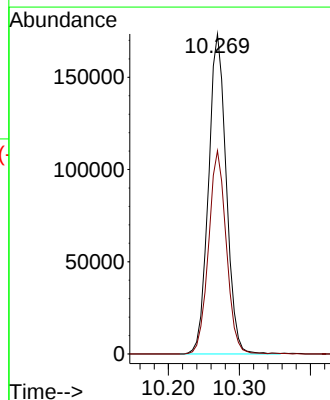
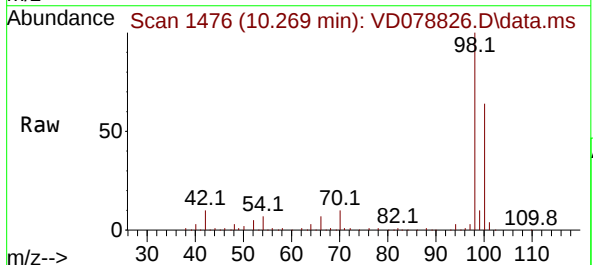
Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1B

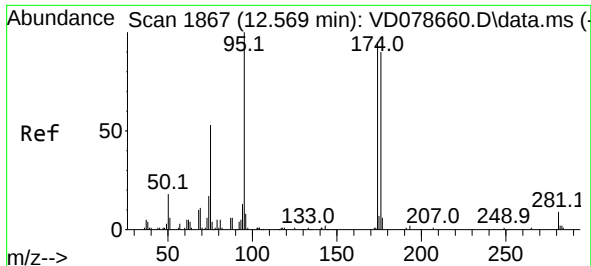
Tgt Ion:	113	Resp:	83484
Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.9	122.9
192	18.3	15.4	23.0



#50
 Toluene-d8
 Concen: 52.439 ug/l
 RT: 10.269 min Scan# 1476
 Delta R.T. 0.000 min
 Lab File: VD078826.D
 Acq: 16 Apr 2024 16:22

Tgt Ion:	98	Resp:	301194
Ion	Ratio	Lower	Upper
98	100		
100	63.5	50.5	75.7

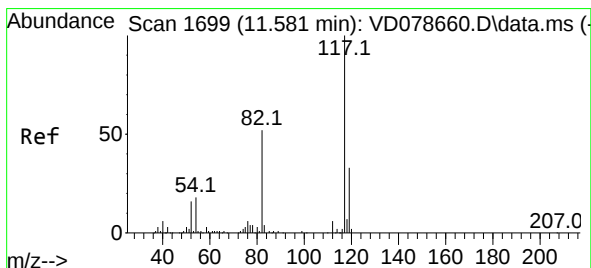
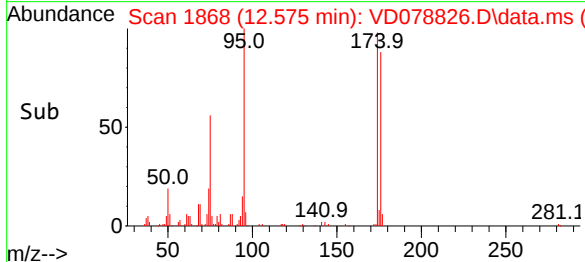
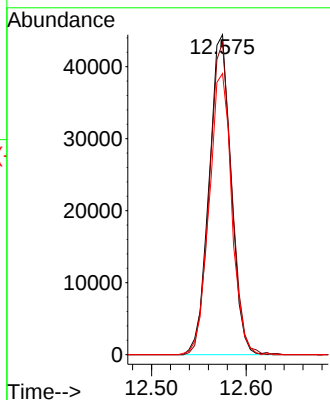
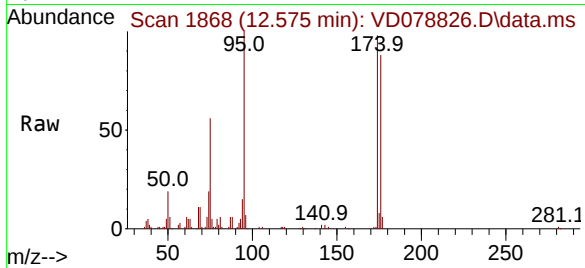




#62
4-Bromofluorobenzene
Concen: 42.689 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078826.D
Acq: 16 Apr 2024 16:22

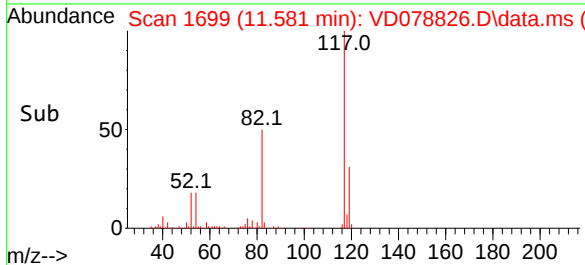
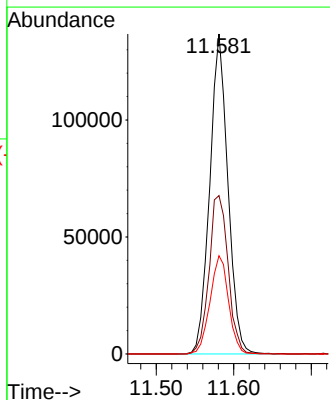
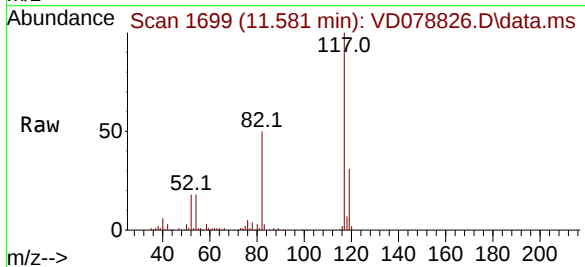
Instrument :
MSVOA_D
ClientSampleId :
SP-1B

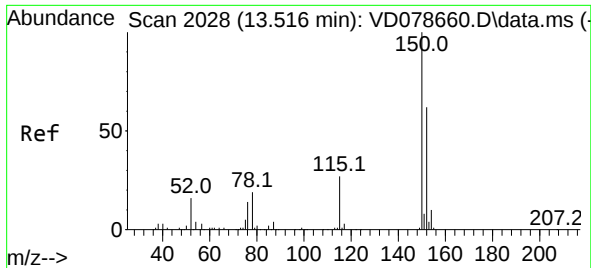
Tgt Ion: 95 Resp: 71733
Ion Ratio Lower Upper
95 100
174 98.2 0.0 195.2
176 90.1 0.0 188.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD078826.D
Acq: 16 Apr 2024 16:22

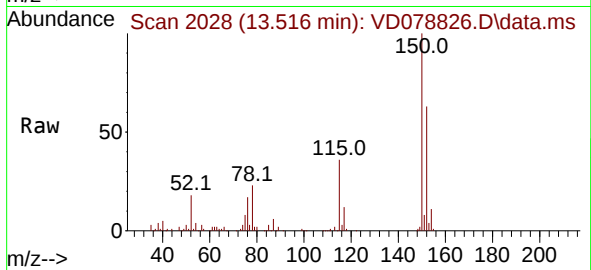
Tgt Ion: 117 Resp: 222471
Ion Ratio Lower Upper
117 100
82 49.5 41.4 62.2
119 30.7 26.5 39.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD078826.D
 Acq: 16 Apr 2024 16:22

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1B



Tgt Ion:152 Resp: 87583
 Ion Ratio Lower Upper
 152 100
 115 55.4 27.1 81.2
 150 159.4 0.0 350.2

