

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052622\
 Data File : VD073386.D
 Acq On : 26 May 2022 14:12
 Operator : VA/SY
 Sample : N2886-13
 Misc : 5.23G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P021-SS004-0006-01

Quant Time: May 27 01:31:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

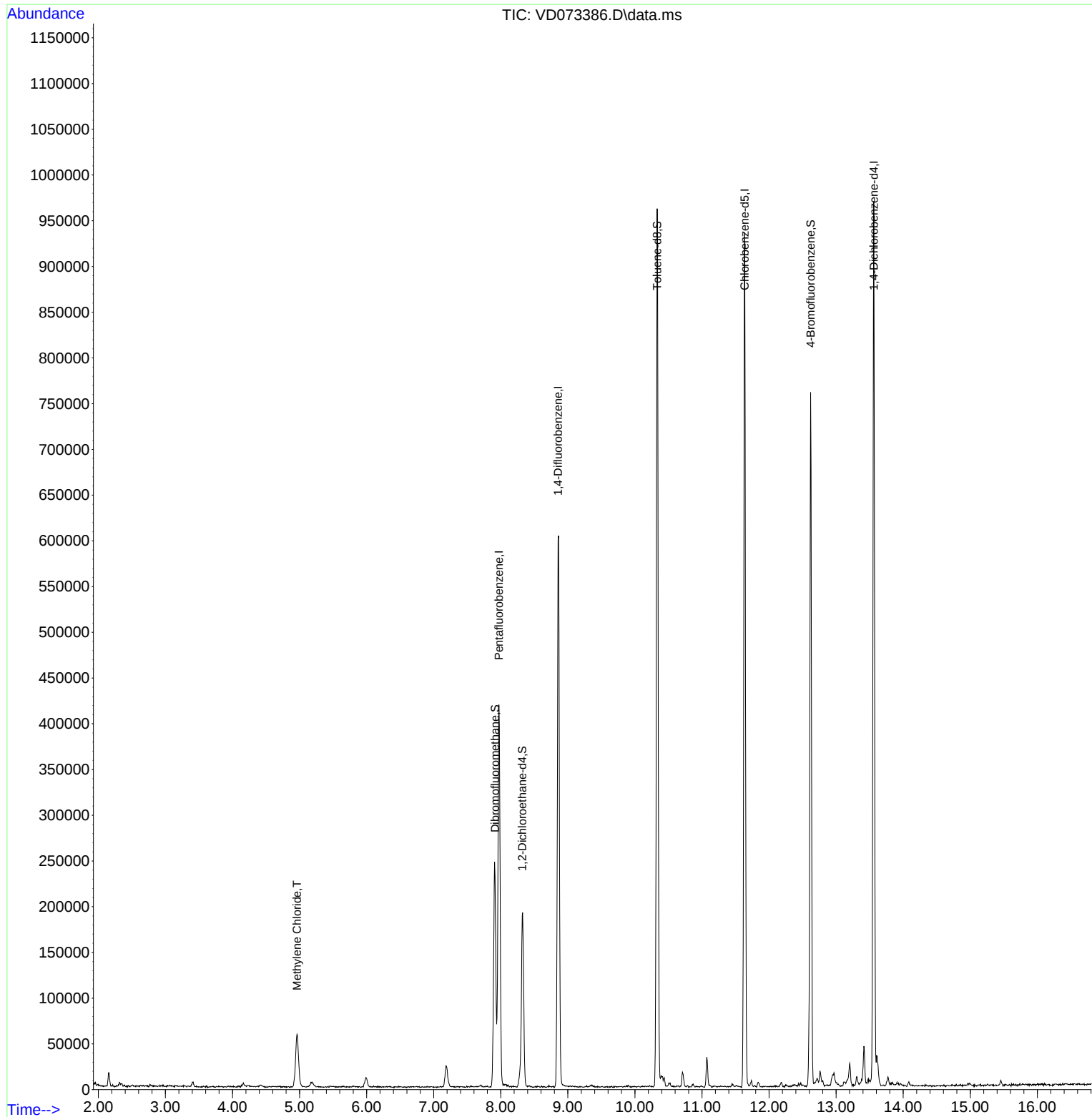
Internal Standards						
1) Pentafluorobenzene	7.973	168	301498	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	527969	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	544956	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	253324	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	149468	44.859	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.720%
35) Dibromofluoromethane	7.914	113	176749	50.733	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.460%
50) Toluene-d8	10.332	98	660321	51.417	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.840%
62) 4-Bromofluorobenzene	12.620	95	243864	54.108	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.220%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.961	84	46287	9.402	ug/l #	81

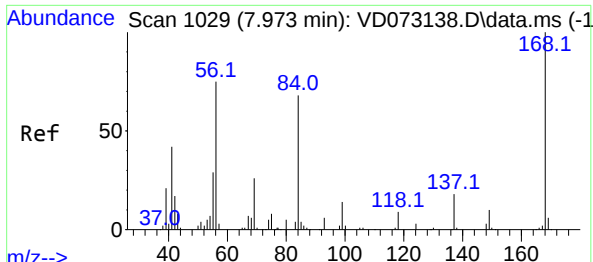
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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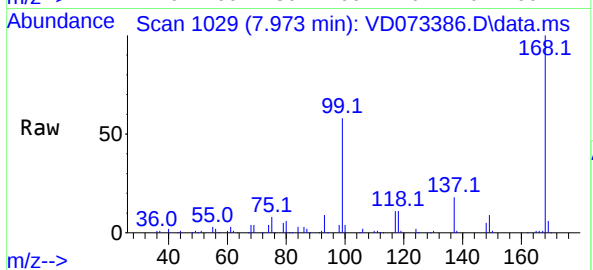
Quant Time: May 27 01:31:20 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
Response via : Initial Calibration



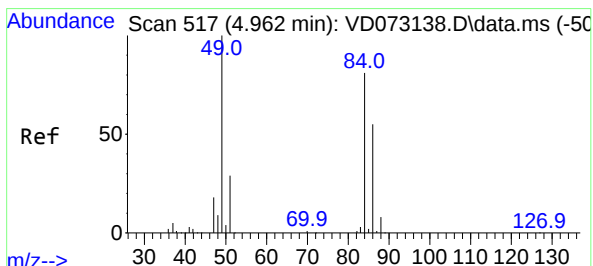
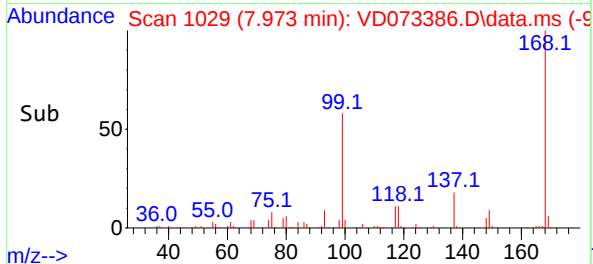
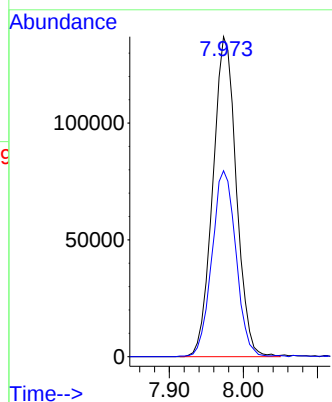


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073386.D
Acq: 26 May 2022 14:12

Instrument :
MSVOA_D
ClientSampleId :
P021-SS004-0006-01

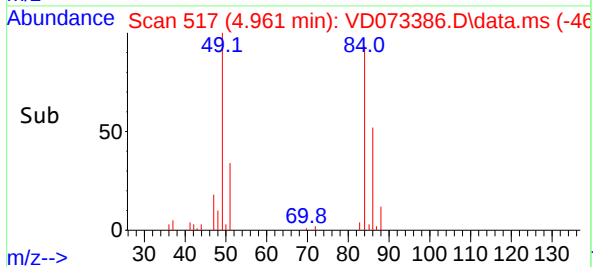
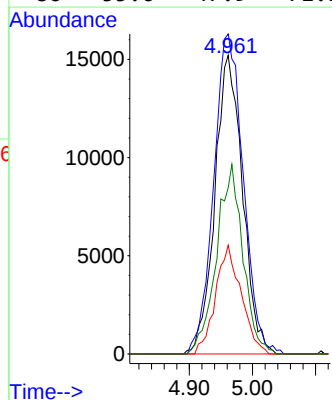
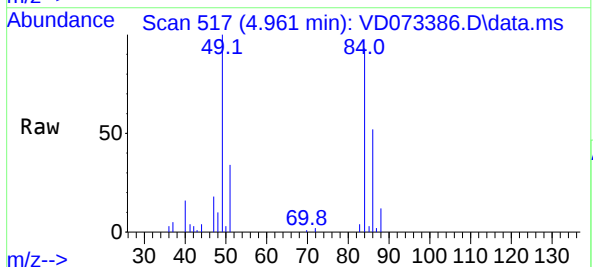


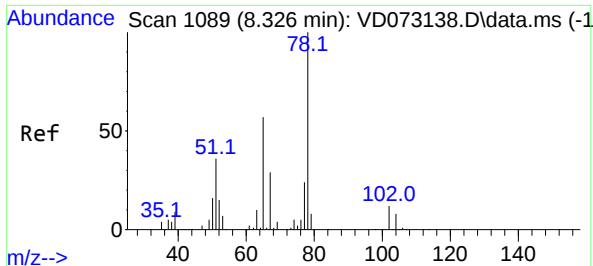
Tgt Ion:168 Resp: 301498
Ion Ratio Lower Upper
168 100
99 57.9 49.8 74.6



#20
Methylene Chloride
Concen: 9.402 ug/l
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD073386.D
Acq: 26 May 2022 14:12

Tgt Ion: 84 Resp: 46287
Ion Ratio Lower Upper
84 100
49 107.1 112.8 169.2#
51 36.4 32.6 48.8
86 55.6 47.9 71.9





#33

1,2-Dichloroethane-d4

Concen: 44.859 ug/l

RT: 8.320 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD073386.D

Acq: 26 May 2022 14:12

Instrument :

MSVOA_D

ClientSampleId :

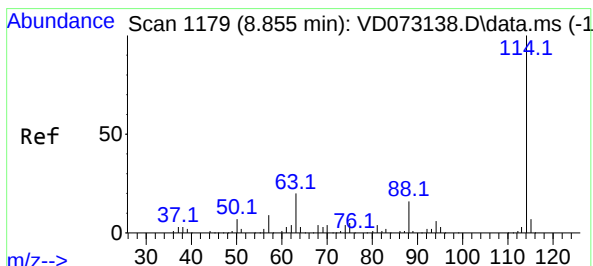
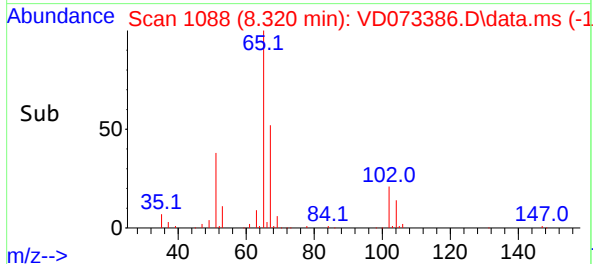
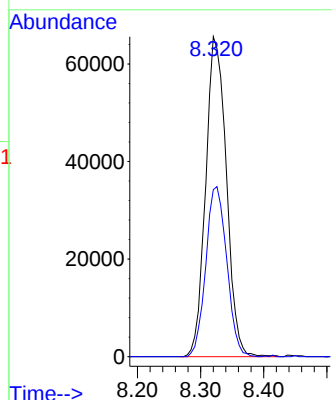
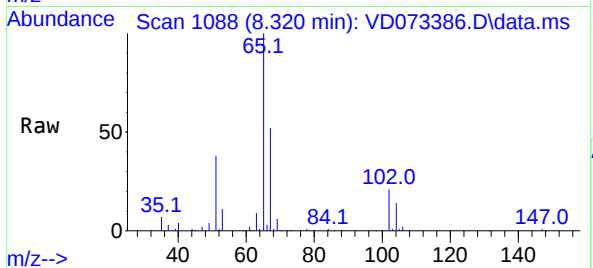
P021-SS004-0006-01

Tgt Ion: 65 Resp: 149468

Ion Ratio Lower Upper

65 100

67 53.8 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073386.D

Acq: 26 May 2022 14:12

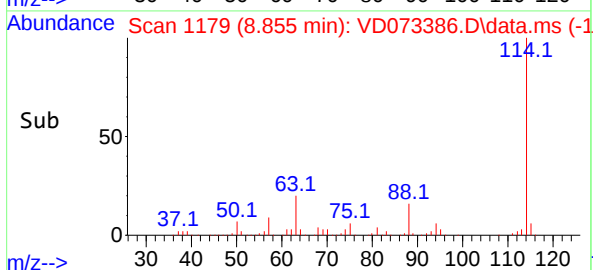
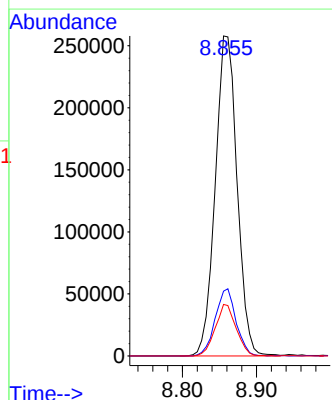
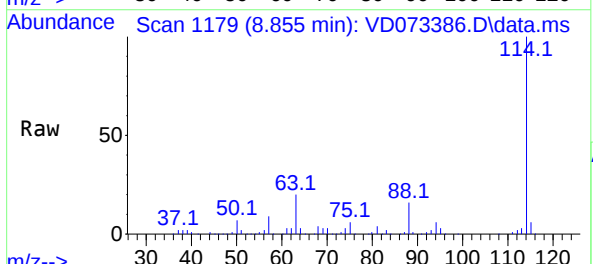
Tgt Ion: 114 Resp: 527969

Ion Ratio Lower Upper

114 100

63 20.3 0.0 46.6

88 16.1 0.0 33.2

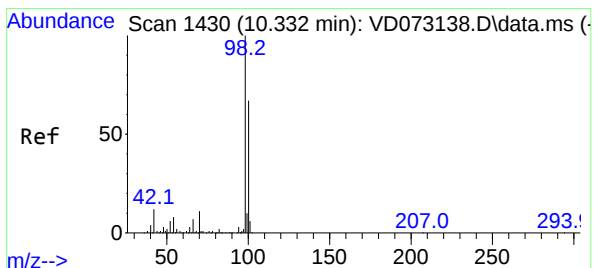
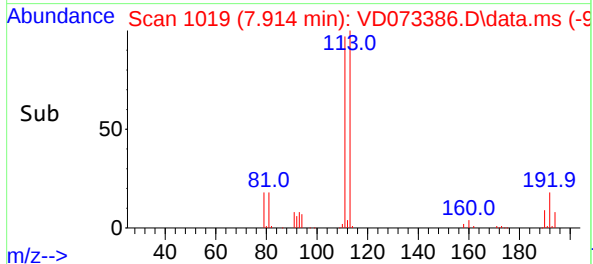
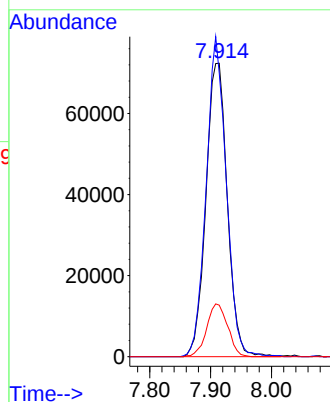
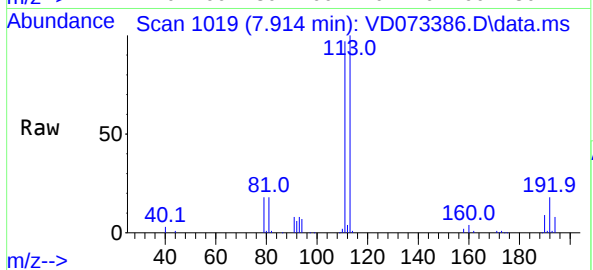




#35
Dibromofluoromethane
Concen: 50.733 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD073386.D
Acq: 26 May 2022 14:12

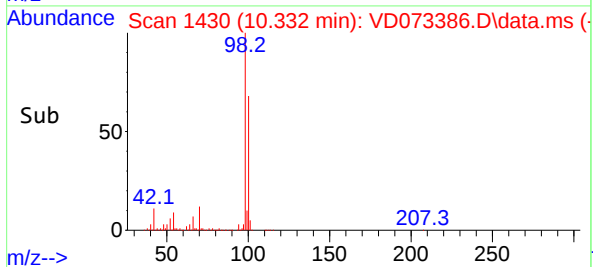
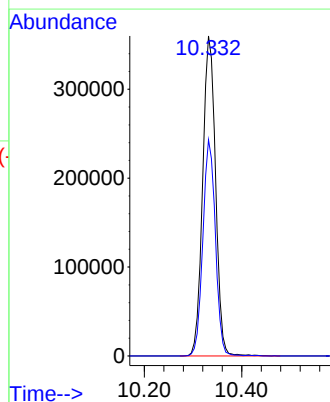
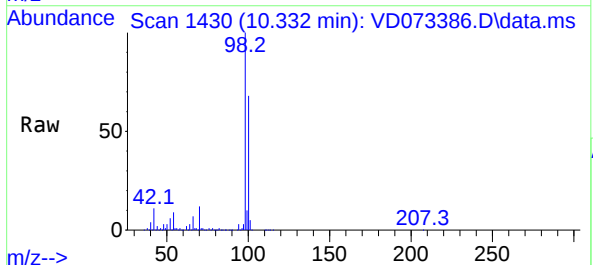
Instrument :
MSVOA_D
ClientSampleId :
P021-SS004-0006-01

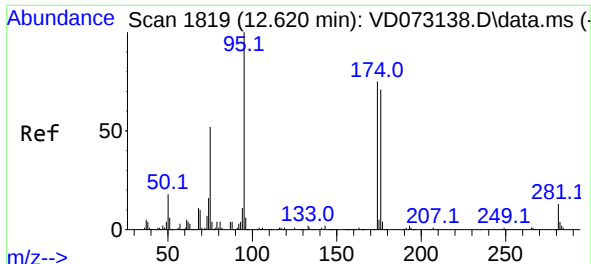
Tgt Ion:113 Resp: 176749
Ion Ratio Lower Upper
113 100
111 102.5 83.8 125.6
192 17.6 14.6 21.8



#50
Toluene-d8
Concen: 51.417 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073386.D
Acq: 26 May 2022 14:12

Tgt Ion: 98 Resp: 660321
Ion Ratio Lower Upper
98 100
100 65.6 52.4 78.6

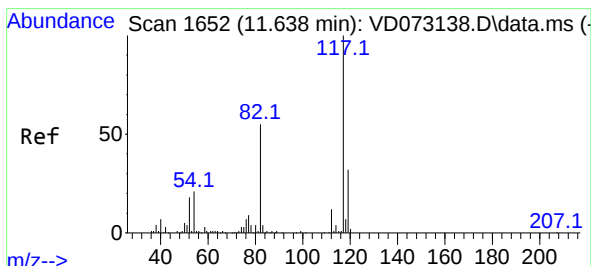
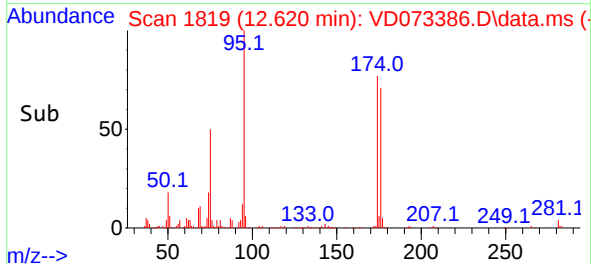
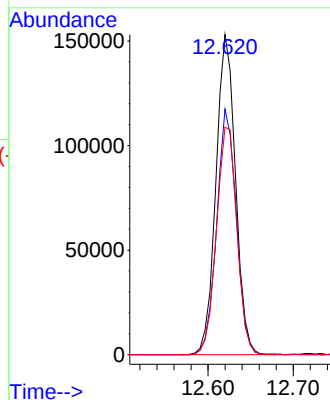
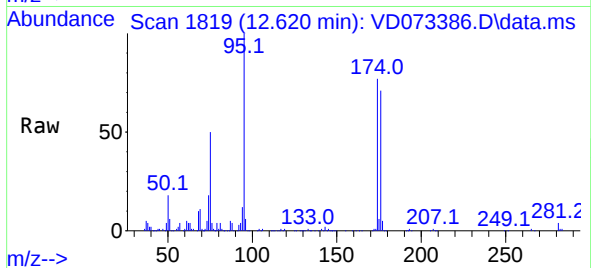




#62
4-Bromofluorobenzene
Concen: 54.108 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073386.D
Acq: 26 May 2022 14:12

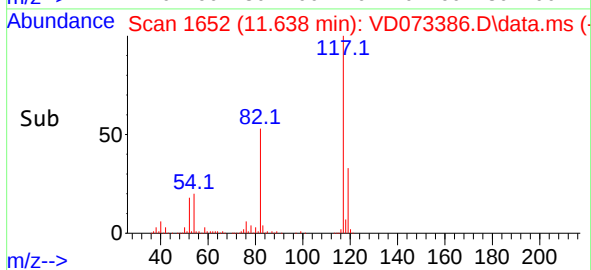
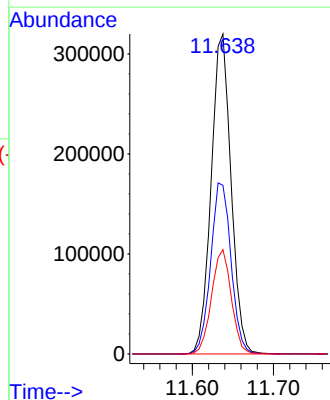
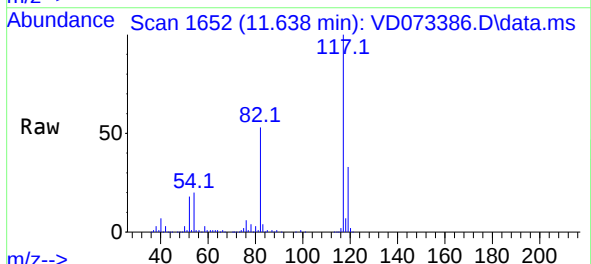
Instrument :
MSVOA_D
ClientSampleId :
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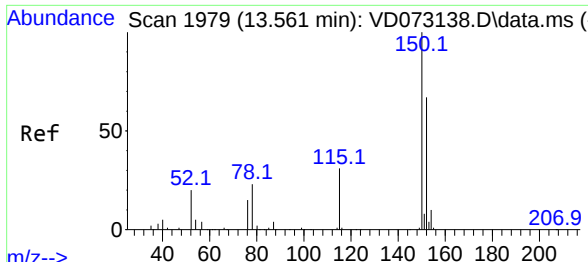
Tgt Ion: 95 Resp: 243864
Ion Ratio Lower Upper
95 100
174 76.9 0.0 152.8
176 74.3 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD073386.D
Acq: 26 May 2022 14:12

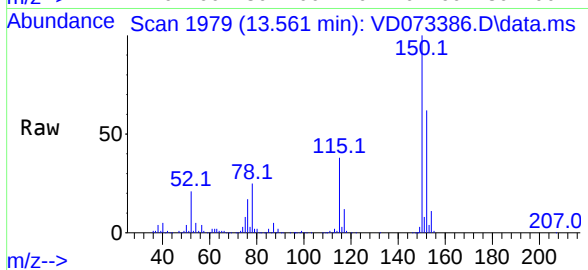
Tgt Ion: 117 Resp: 544956
Ion Ratio Lower Upper
117 100
82 52.7 45.3 67.9
119 32.6 26.6 40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD073386.D
 Acq: 26 May 2022 14:12

Instrument :
 MSVOA_D
 ClientSampleId :
 P021-SS004-0006-01



Tgt Ion:152 Resp: 253324

Ion	Ratio	Lower	Upper
152	100		
115	61.9	31.3	93.8
150	158.6	0.0	348.6

