

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052122\
 Data File : VD073266.D
 Acq On : 22 May 2022 10:26
 Operator : VA/SY
 Sample : N2920-21
 Misc : 4.72G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P024-SS009-0006-01

Quant Time: May 23 01:15:16 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)

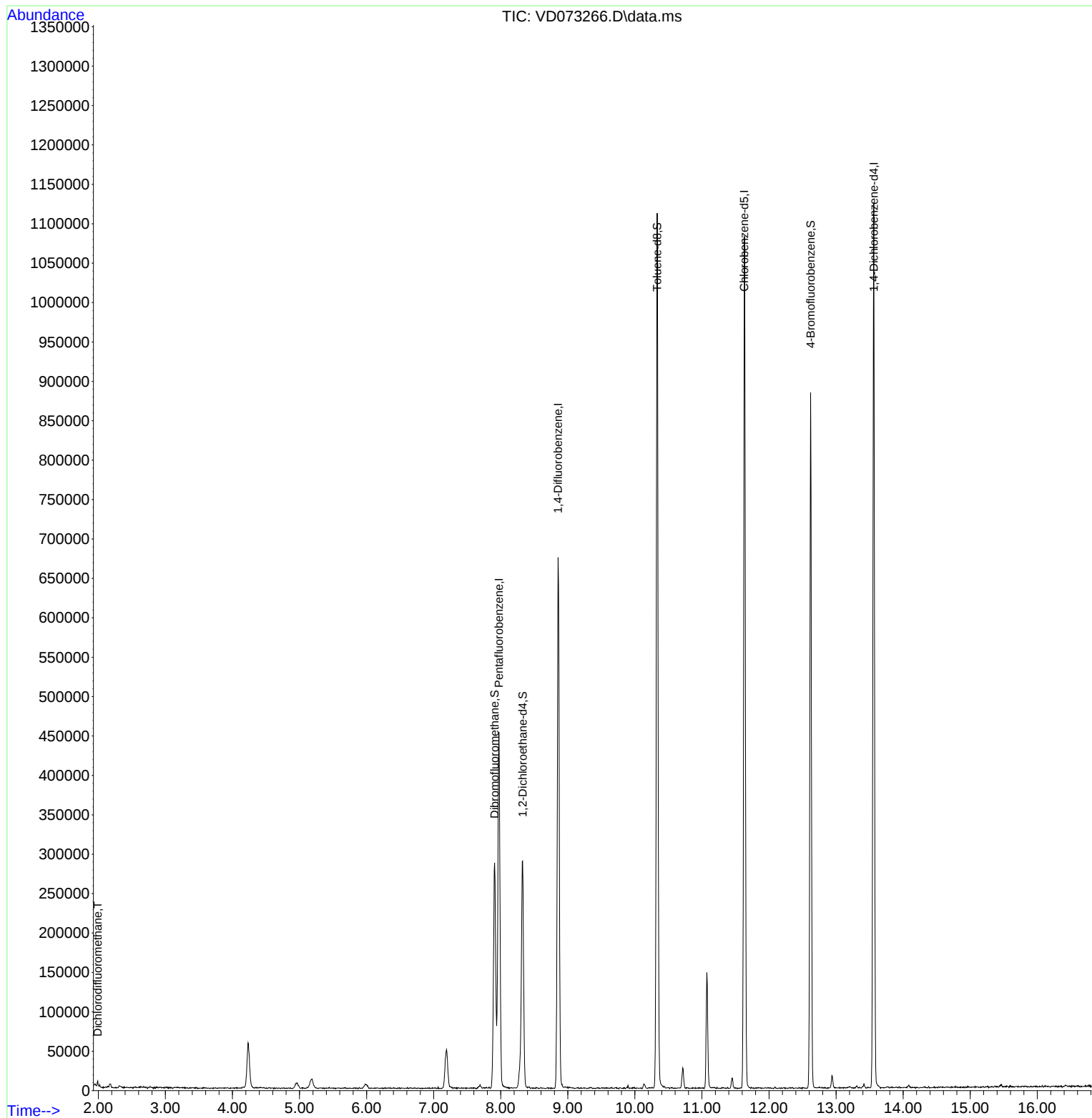
Internal Standards						
1) Pentafluorobenzene	7.973	168	319497	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	572805	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	626954	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	292524	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	227028	64.298	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.600%	
35) Dibromofluoromethane	7.909	113	206024	54.507	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.020%	
50) Toluene-d8	10.332	98	728051	52.253	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.500%	
62) 4-Bromofluorobenzene	12.620	95	283091	57.895	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 115.800%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	4802	1.504	ug/l	74

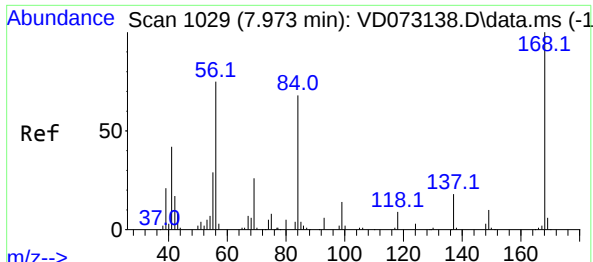
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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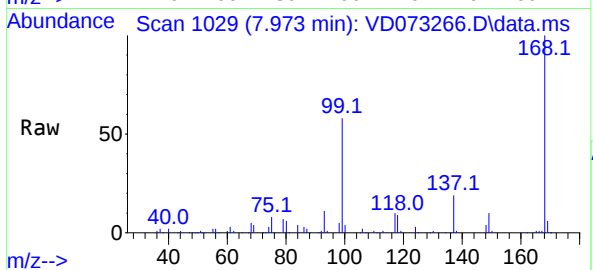
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
Response via : Initial Calibration



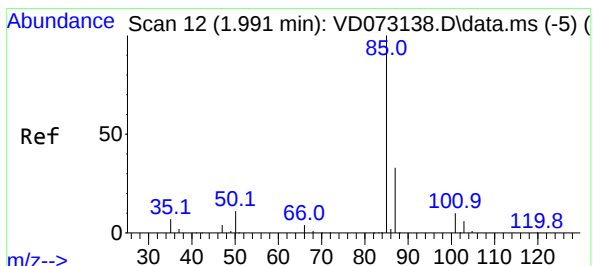
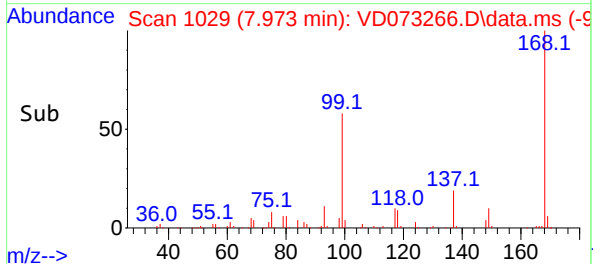
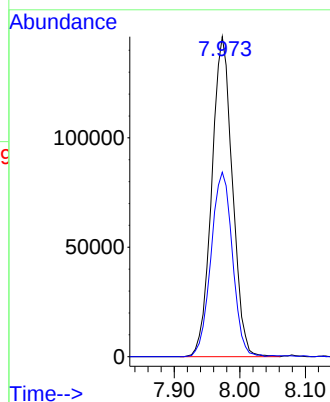


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073266.D
Acq: 22 May 2022 10:26

Instrument :
MSVOA_D
ClientSampleId :
P024-SS009-0006-01

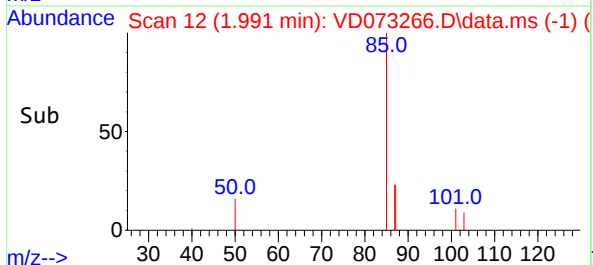
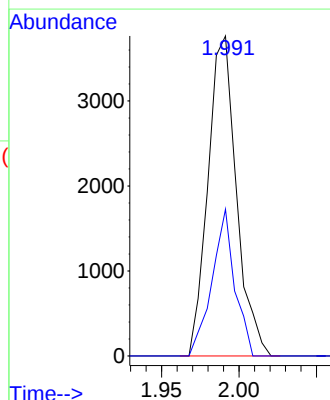
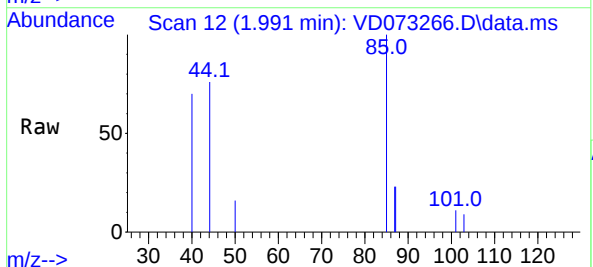


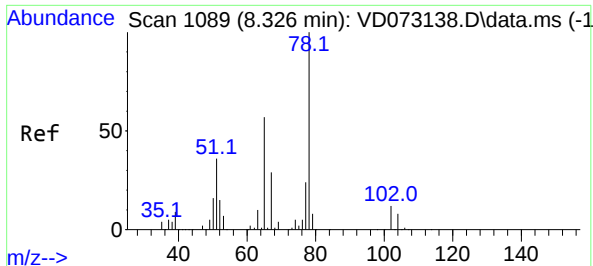
Tgt Ion:168 Resp: 319497
Ion Ratio Lower Upper
168 100
99 57.7 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 1.504 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073266.D
Acq: 22 May 2022 10:26

Tgt Ion: 85 Resp: 4802
Ion Ratio Lower Upper
85 100
87 45.9 15.7 47.0





#33

1,2-Dichloroethane-d4

Concen: 64.298 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD073266.D

Acq: 22 May 2022 10:26

Instrument :

MSVOA_D

ClientSampleId :

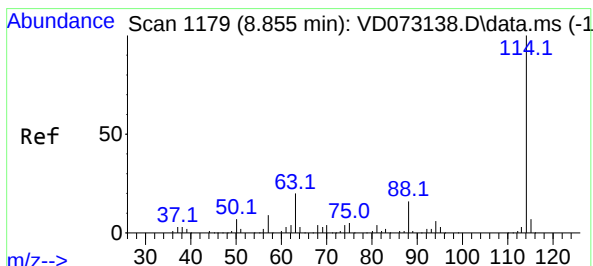
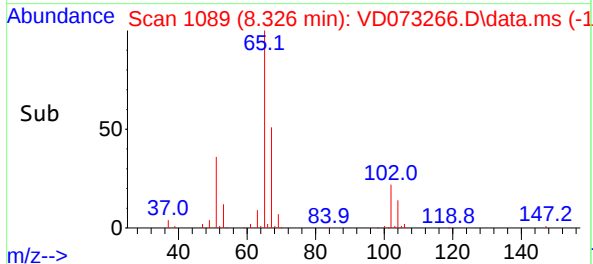
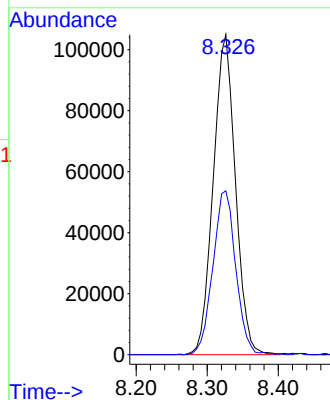
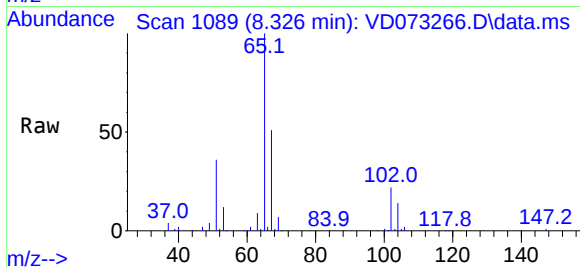
P024-SS009-0006-01

Tgt Ion: 65 Resp: 227028

Ion Ratio Lower Upper

65 100

67 52.9 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.001 min

Lab File: VD073266.D

Acq: 22 May 2022 10:26

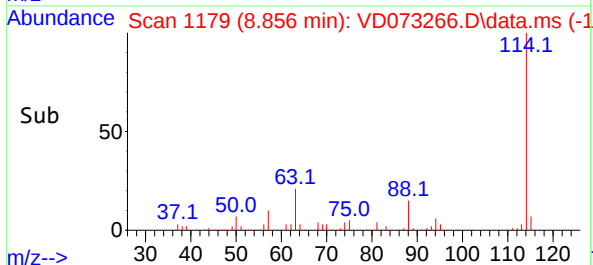
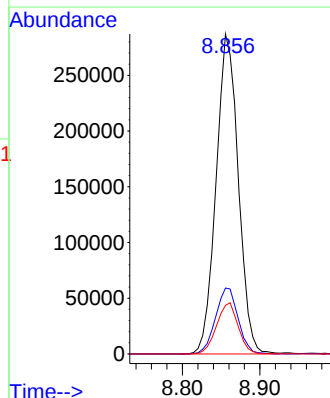
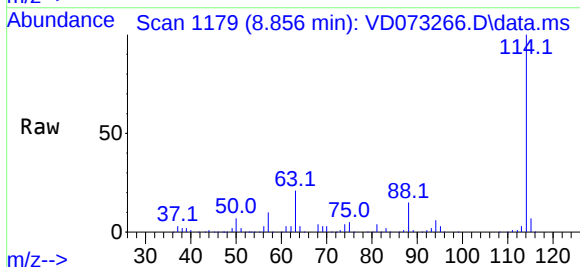
Tgt Ion: 114 Resp: 572805

Ion Ratio Lower Upper

114 100

63 20.6 0.0 46.6

88 15.2 0.0 33.2

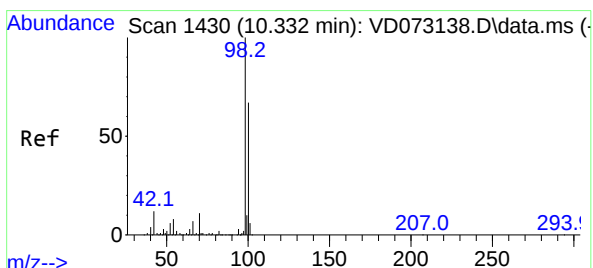
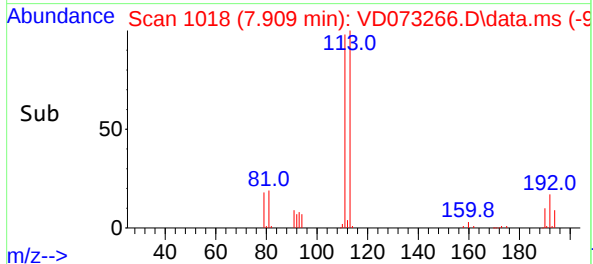
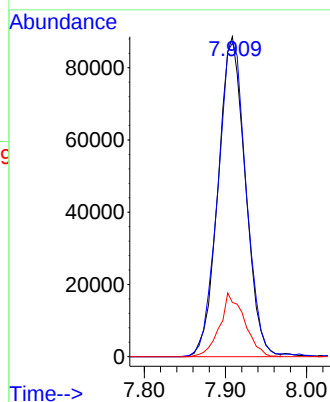
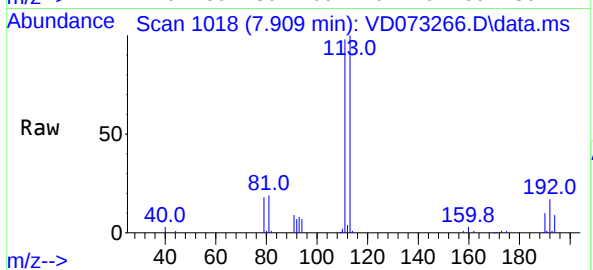




#35
Dibromofluoromethane
Concen: 54.507 ug/l
RT: 7.909 min Scan# 1019
Delta R.T. -0.005 min
Lab File: VD073266.D
Acq: 22 May 2022 10:26

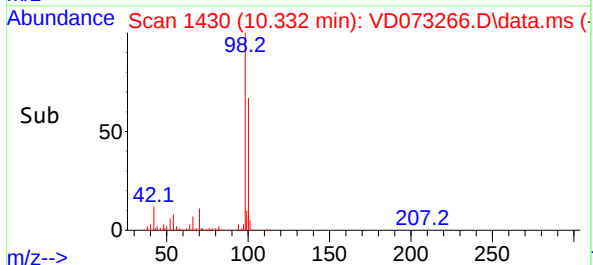
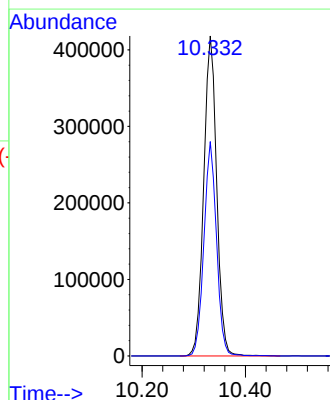
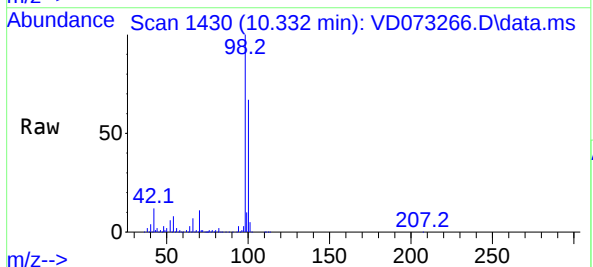
Instrument :
MSVOA_D
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P024-SS009-0006-01

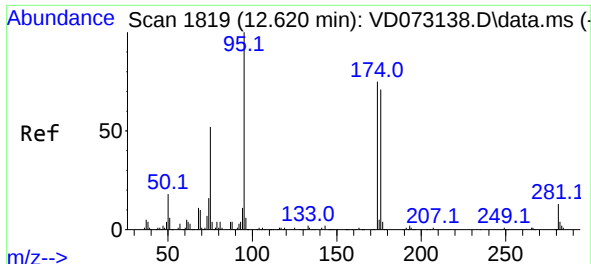
Tgt Ion:113 Resp: 206024
Ion Ratio Lower Upper
113 100
111 102.4 83.8 125.6
192 18.1 14.6 21.8



#50
Toluene-d8
Concen: 52.253 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073266.D
Acq: 22 May 2022 10:26

Tgt Ion: 98 Resp: 728051
Ion Ratio Lower Upper
98 100
100 65.1 52.4 78.6

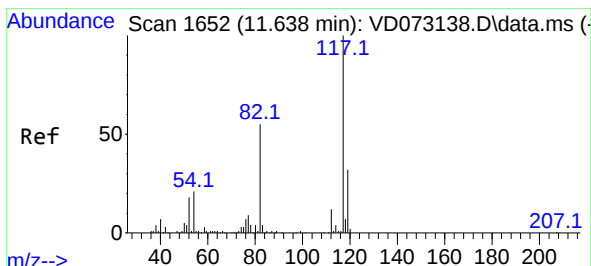
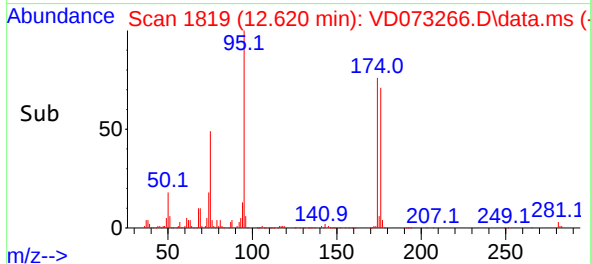
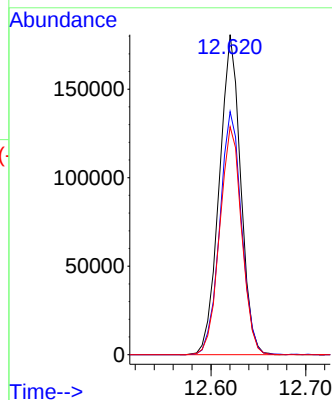
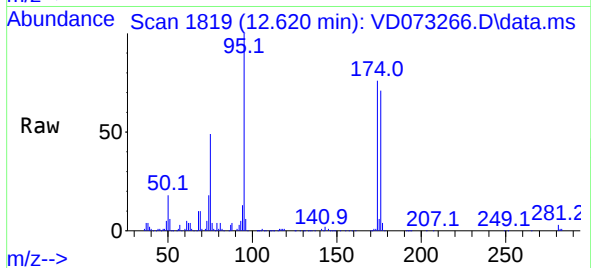




#62
4-Bromofluorobenzene
Concen: 57.895 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073266.D
Acq: 22 May 2022 10:26

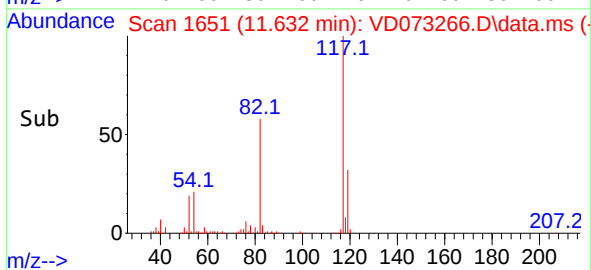
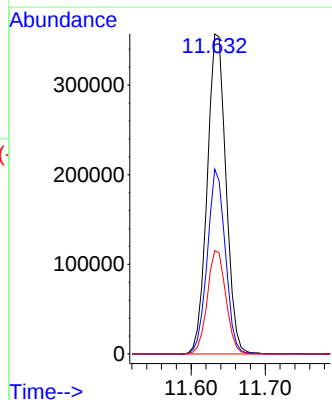
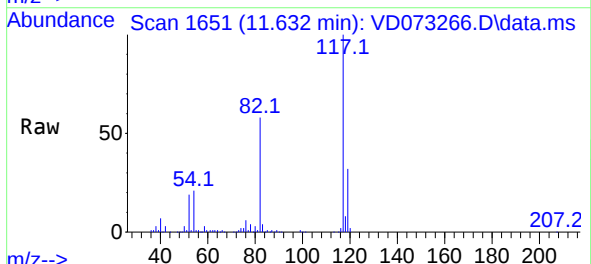
Instrument :
MSVOA_D
ClientSampleId :
P024-SS009-0006-01

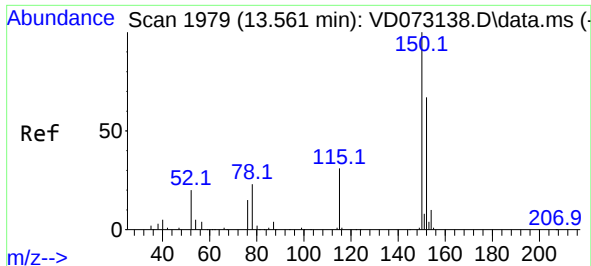
Tgt Ion:	95	Resp:	283091
Ion	Ratio	Lower	Upper
95	100		
174	77.6	0.0	152.8
176	73.1	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD073266.D
Acq: 22 May 2022 10:26

Tgt Ion:	117	Resp:	626954
Ion	Ratio	Lower	Upper
117	100		
82	57.7	45.3	67.9
119	32.3	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: VD073266.D

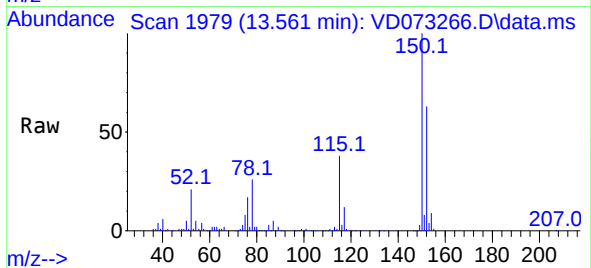
Acq: 22 May 2022 10:26

Instrument :

MSVOA_D

ClientSampleId :

P024-SS009-0006-01



Tgt Ion:152 Resp: 292524

Ion Ratio Lower Upper

152 100

115 60.6 31.3 93.8

150 158.0 0.0 348.6

