

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052122\
 Data File : VD073257.D
 Acq On : 22 May 2022 06:03
 Operator : VA/SY
 Sample : N2920-10
 Misc : 5.41G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P024-SS001-2430-01

Quant Time: May 23 01:13:19 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)

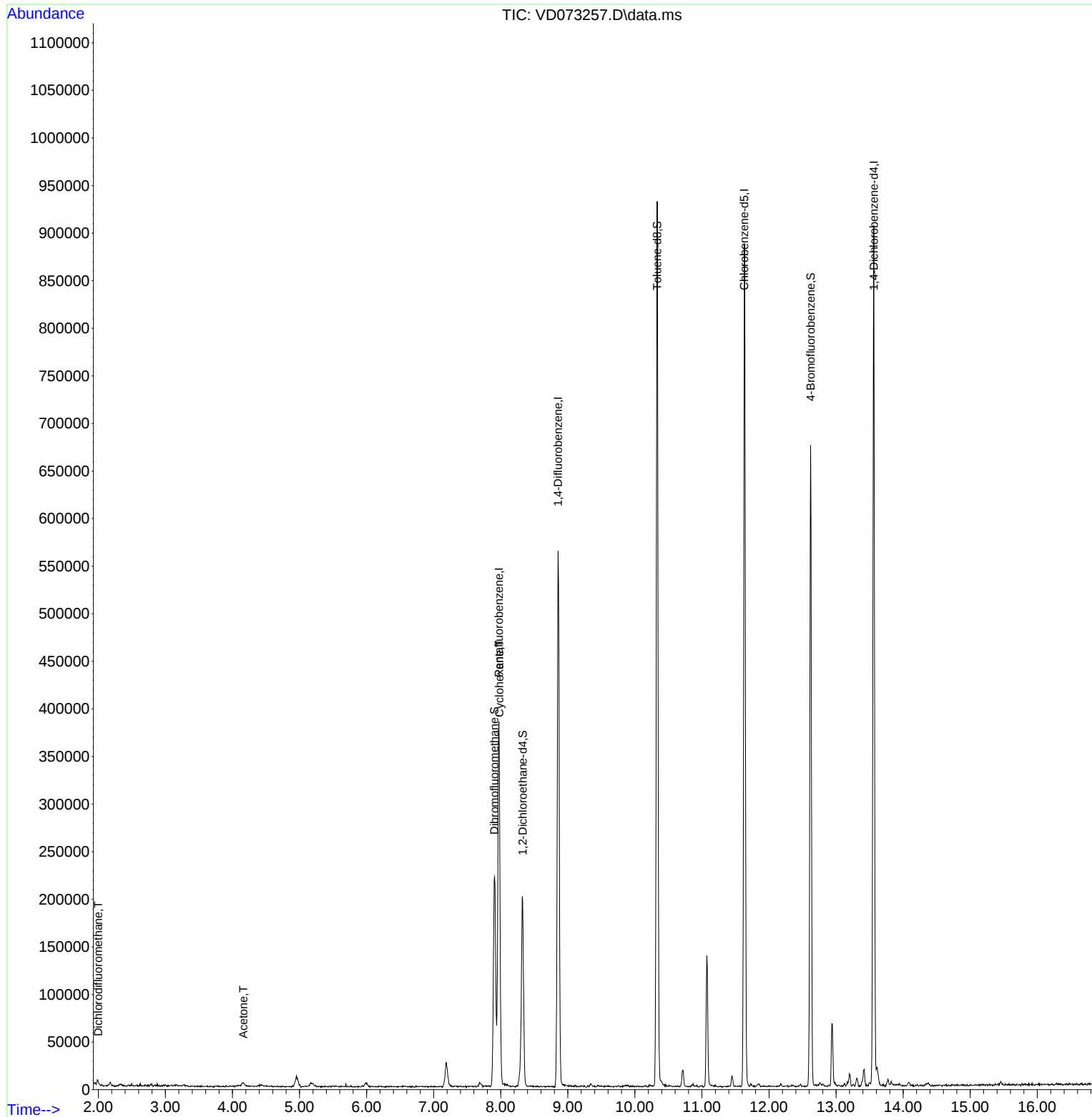
Internal Standards						
1) Pentafluorobenzene	7.973	168	272116	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	488717	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	509925	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	229015	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	156729	52.117	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.240%	
35) Dibromofluoromethane	7.903	113	166815	51.728	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.460%	
50) Toluene-d8	10.332	98	598401	50.338	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.680%	
62) 4-Bromofluorobenzene	12.620	95	220451	52.842	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 105.680%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.997	85	3598	1.323	ug/l	82
16) Acetone	4.162	43	7916	15.197	ug/l #	84
31) Cyclohexane	7.979	56	7333	1.395	ug/l #	33

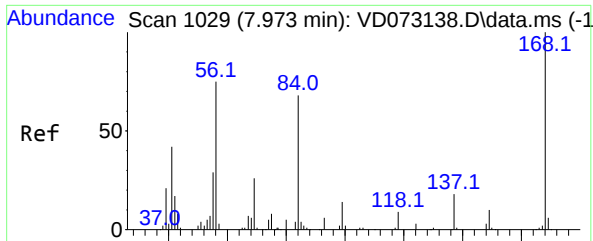
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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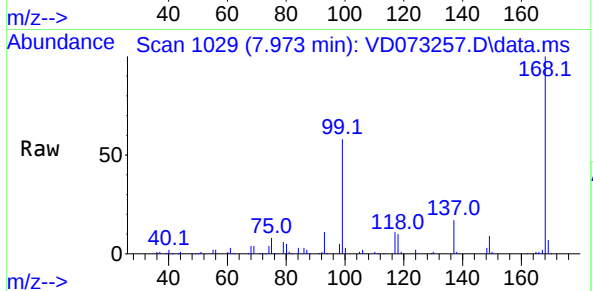
Quant Time: May 23 01:13:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
Response via : Initial Calibration



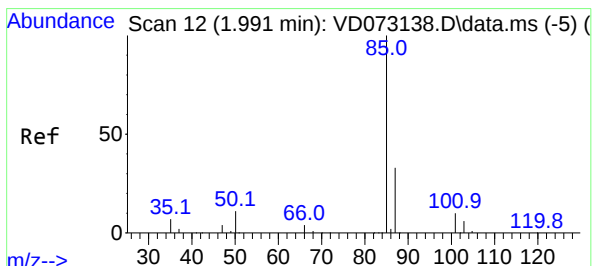
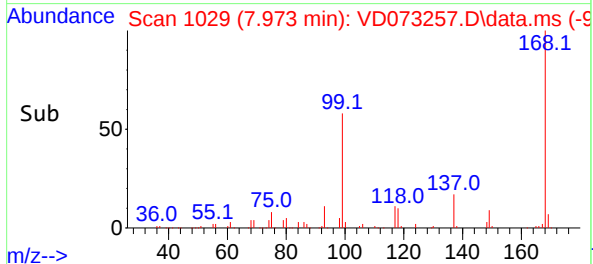
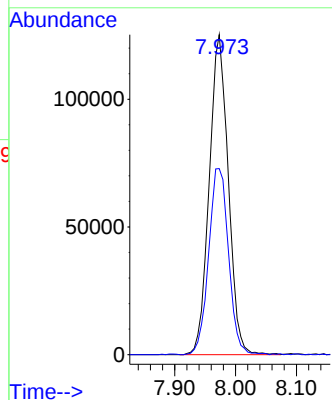


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD073257.D
Acq: 22 May 2022 06:03

Instrument :
MSVOA_D
ClientSampleId :
P024-SS001-2430-01

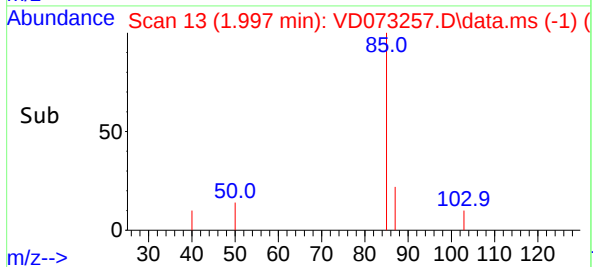
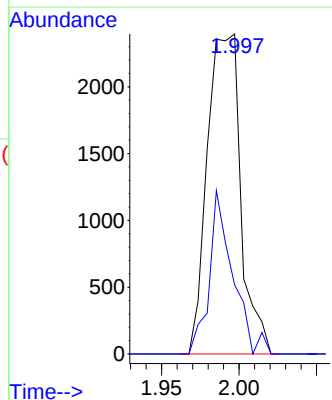
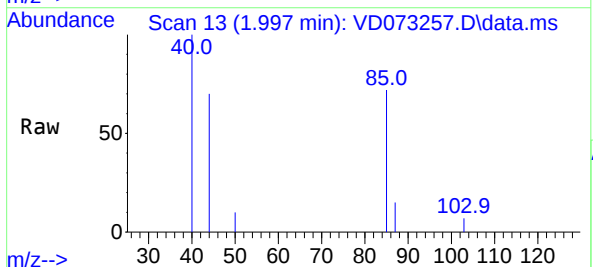


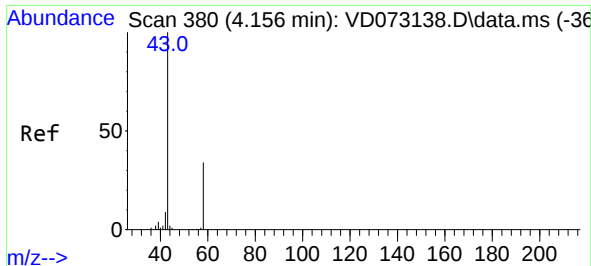
Tgt Ion:168 Resp: 272116
Ion Ratio Lower Upper
168 100
99 58.2 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 1.323 ug/l
RT: 1.997 min Scan# 13
Delta R.T. 0.006 min
Lab File: VD073257.D
Acq: 22 May 2022 06:03

Tgt Ion: 85 Resp: 3598
Ion Ratio Lower Upper
85 100
87 21.6 15.7 47.0

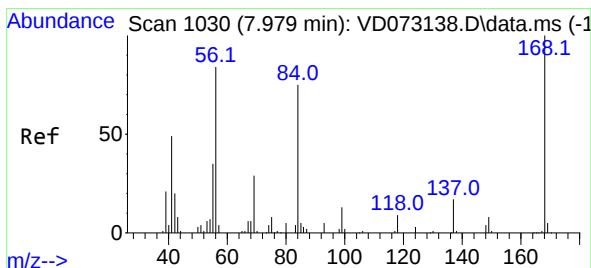
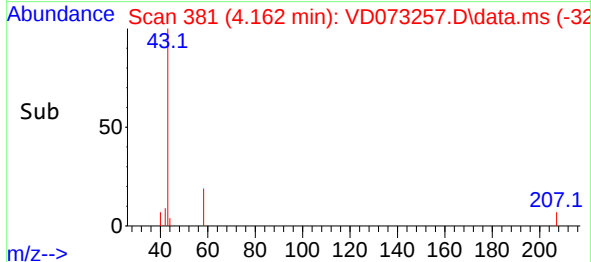
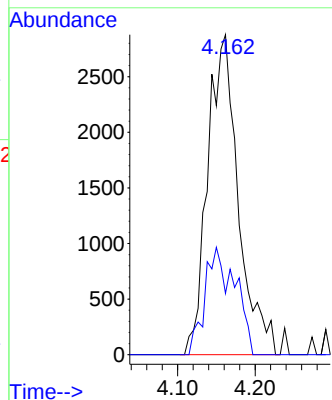
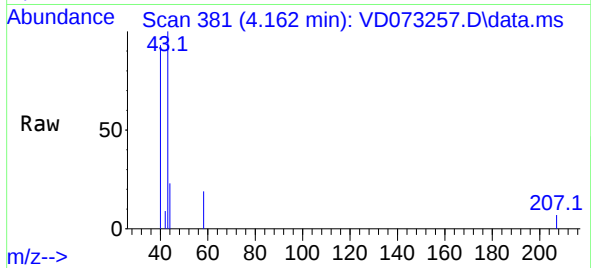




#16
Acetone
Concen: 15.197 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD073257.D
Acq: 22 May 2022 06:03

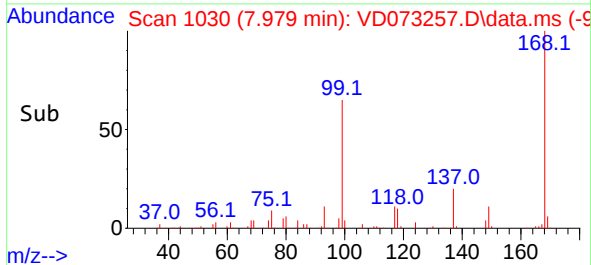
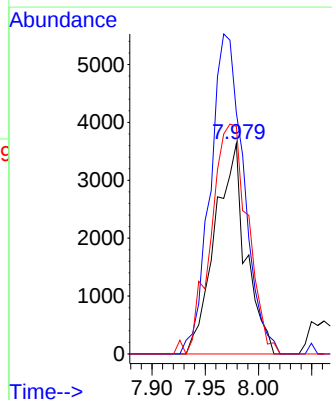
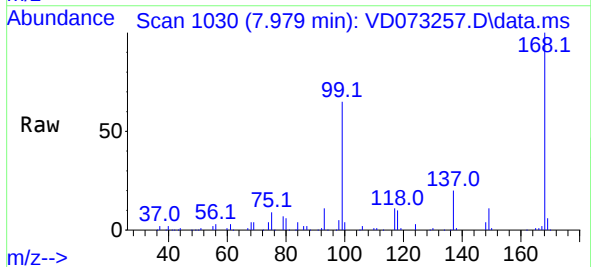
Instrument :
MSVOA_D
ClientSampleId :
P024-SS001-2430-01

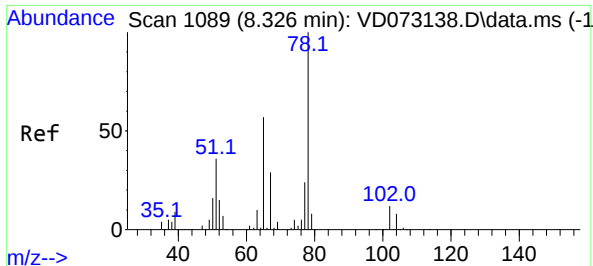
Tgt Ion: 43 Resp: 7916
Ion Ratio Lower Upper
43 100
58 19.2 22.1 33.1#



#31
Cyclohexane
Concen: 1.395 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD073257.D
Acq: 22 May 2022 06:03

Tgt Ion: 56 Resp: 7333
Ion Ratio Lower Upper
56 100
69 114.6 25.4 38.2#
84 108.1 63.0 94.4#

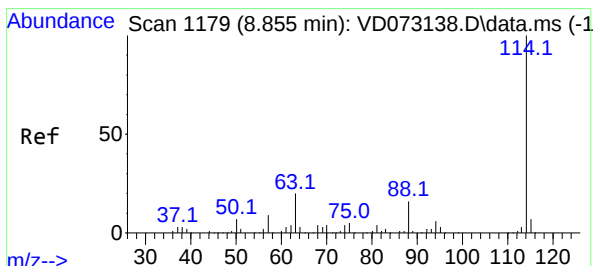
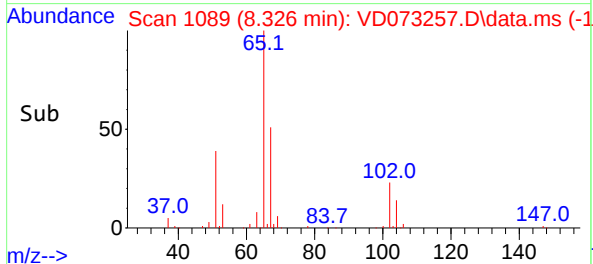
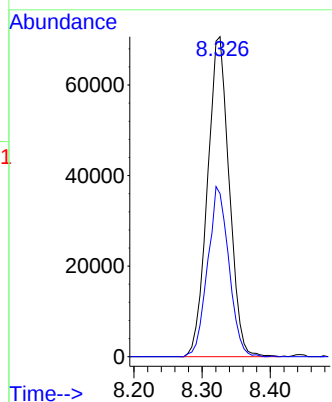
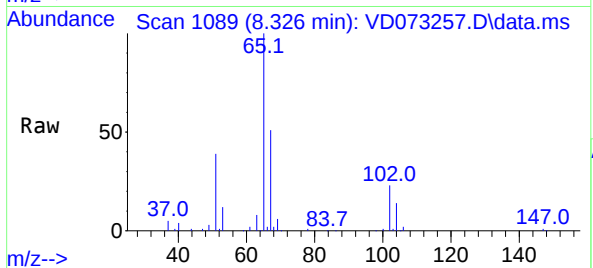




#33
1,2-Dichloroethane-d4
Concen: 52.117 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD073257.D
Acq: 22 May 2022 06:03

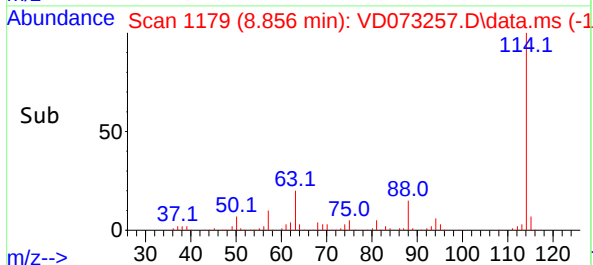
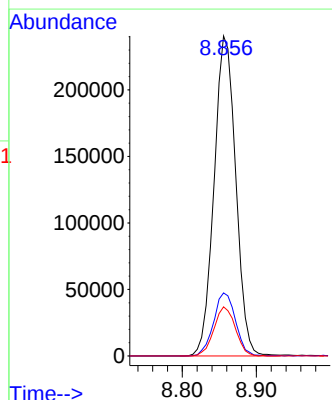
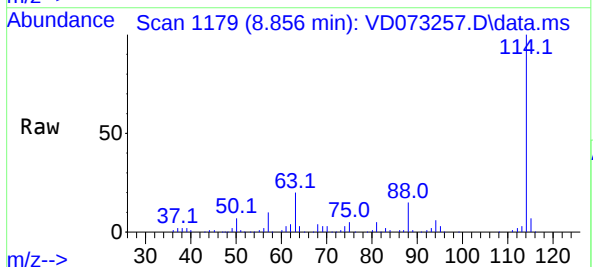
Instrument :
MSVOA_D
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P024-SS001-2430-01

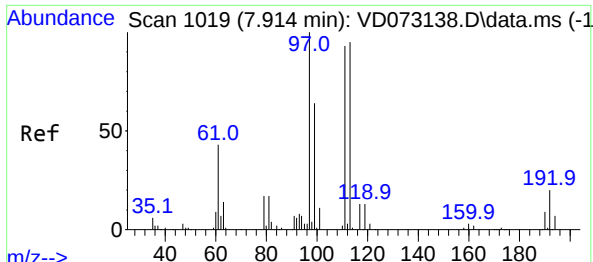
Tgt Ion: 65 Resp: 156729
Ion Ratio Lower Upper
65 100
67 51.8 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.856 min Scan# 1179
Delta R.T. 0.001 min
Lab File: VD073257.D
Acq: 22 May 2022 06:03

Tgt Ion: 114 Resp: 488717
Ion Ratio Lower Upper
114 100
63 19.7 0.0 46.6
88 15.4 0.0 33.2

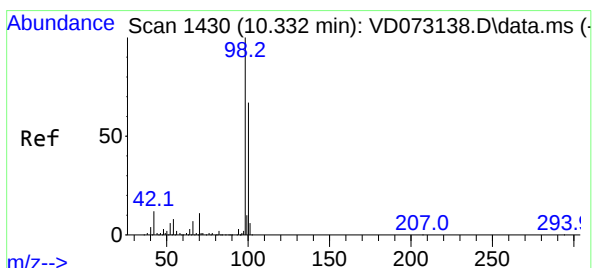
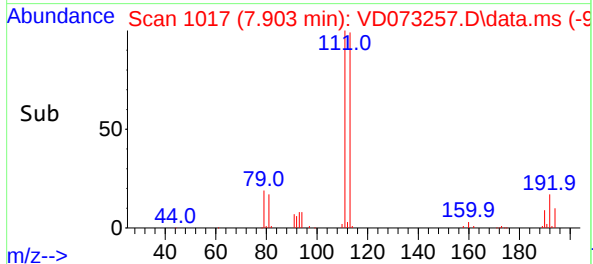
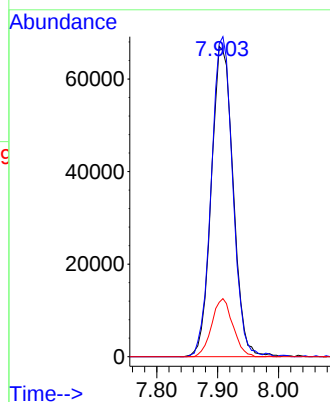
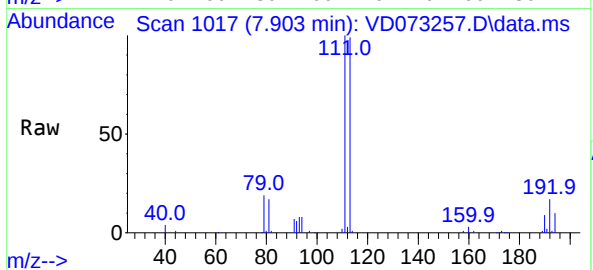




#35
Dibromofluoromethane
Concen: 51.728 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. -0.011 min
Lab File: VD073257.D
Acq: 22 May 2022 06:03

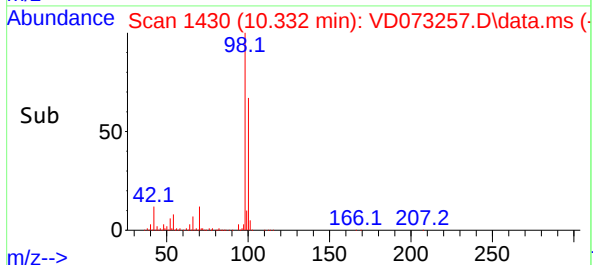
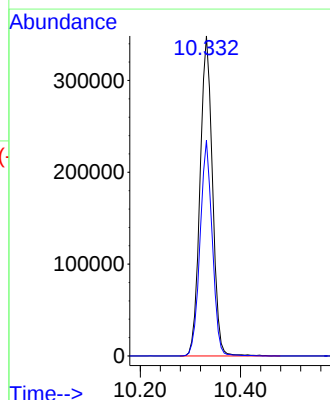
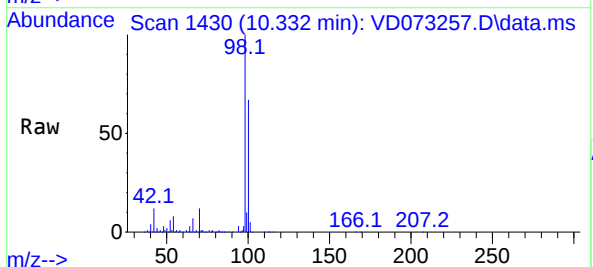
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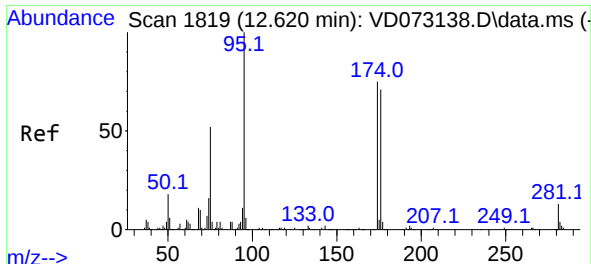
Tgt Ion:113 Resp: 166815
Ion Ratio Lower Upper
113 100
111 101.0 83.8 125.6
192 18.1 14.6 21.8



#50
Toluene-d8
Concen: 50.338 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073257.D
Acq: 22 May 2022 06:03

Tgt Ion: 98 Resp: 598401
Ion Ratio Lower Upper
98 100
100 66.3 52.4 78.6

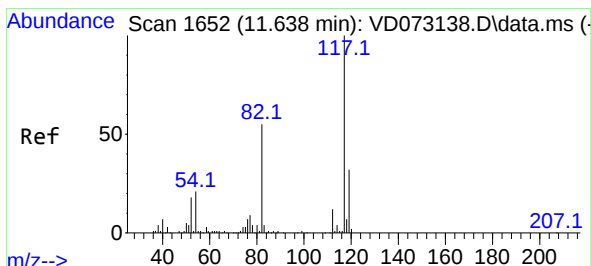
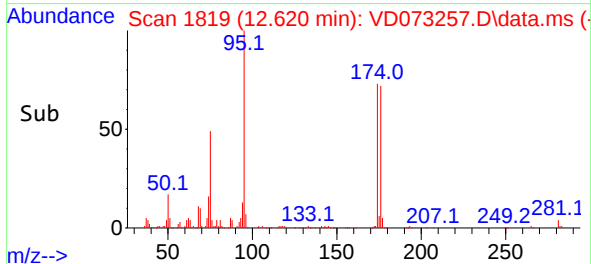
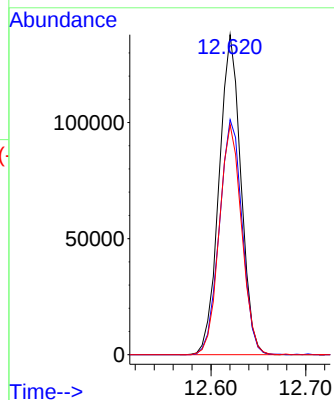
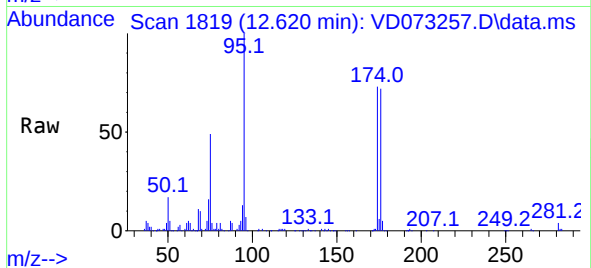




#62
4-Bromofluorobenzene
Concen: 52.842 ug/l
RT: 12.620 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073257.D
Acq: 22 May 2022 06:03

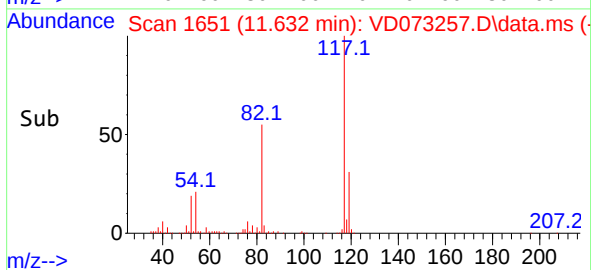
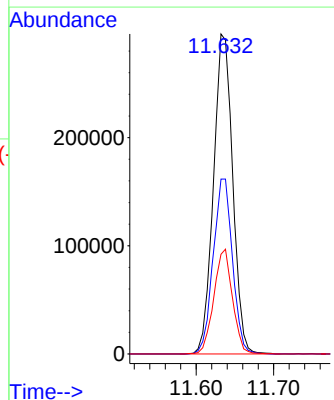
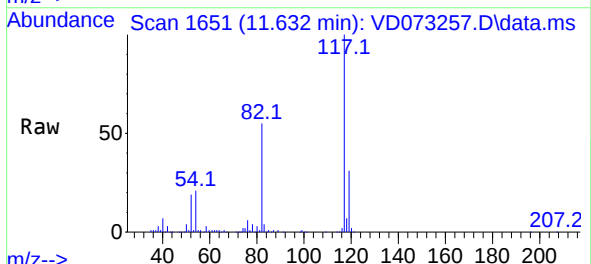
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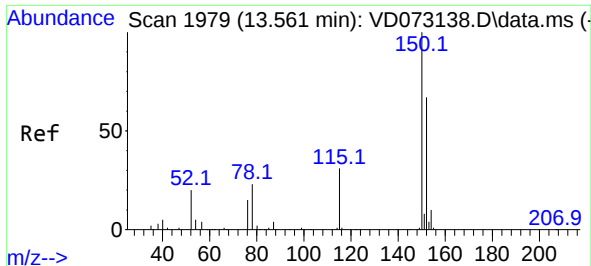
Tgt Ion: 95 Resp: 220451
Ion Ratio Lower Upper
95 100
174 76.6 0.0 152.8
176 73.7 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD073257.D
Acq: 22 May 2022 06:03

Tgt Ion: 117 Resp: 509925
Ion Ratio Lower Upper
117 100
82 54.6 45.3 67.9
119 31.1 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: VD073257.D

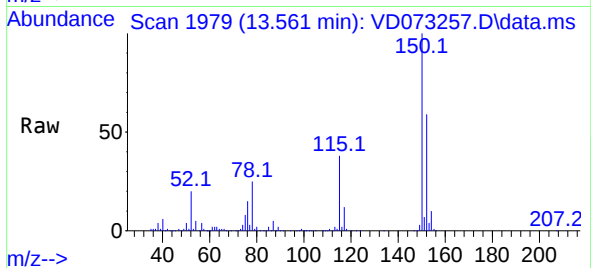
Acq: 22 May 2022 06:03

Instrument :

MSVOA_D

ClientSampleId :

P024-SS001-2430-01



Tgt Ion:152 Resp: 229015

Ion Ratio Lower Upper

152 100

115 62.8 31.3 93.8

150 164.4 0.0 348.6

