

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052722\
 Data File : VD073408.D
 Acq On : 27 May 2022 13:44
 Operator : VA/SY
 Sample : N3032-01RE
 Misc : 4.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-406-ROLL-OFFRE

Quant Time: May 28 09:43:37 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)

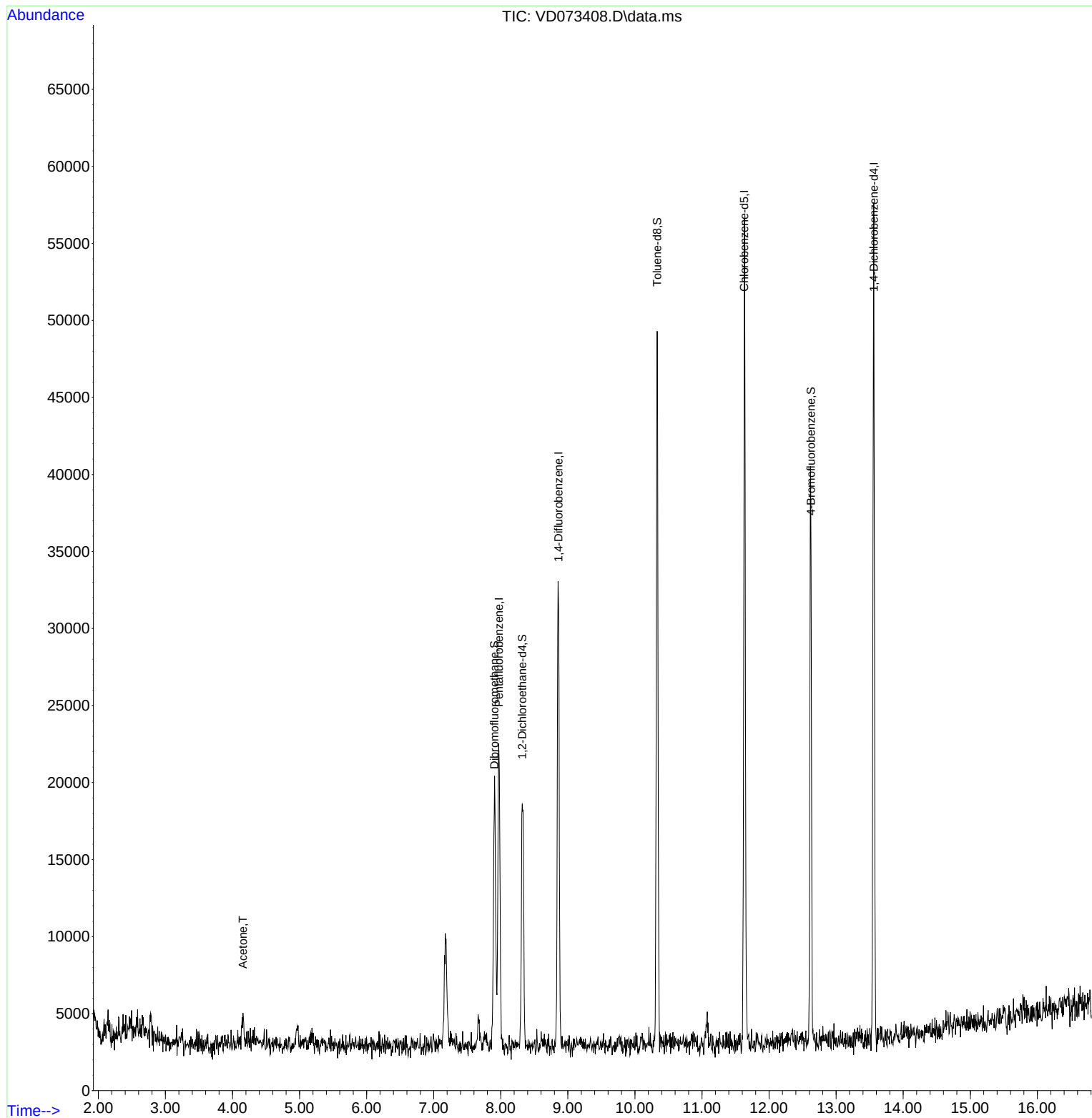
Internal Standards						
1) Pentafluorobenzene	7.973	168	15035	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.861	114	25614	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	30162	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	13471	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	13670	82.271	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 164.540%#	
35) Dibromofluoromethane	7.902	113	12744	75.400	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 150.800%#	
50) Toluene-d8	10.332	98	31740	50.944	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.880%	
62) 4-Bromofluorobenzene	12.626	95	12427	56.835	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 113.660%	
Target Compounds						
16) Acetone	4.156	43	3219	111.847	ug/l	# 77

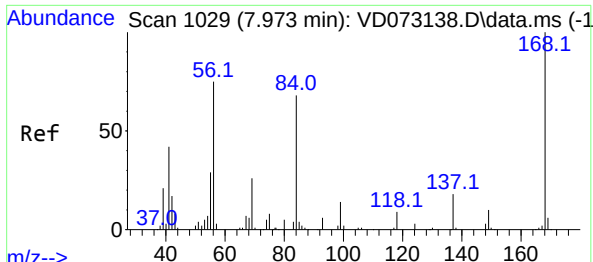
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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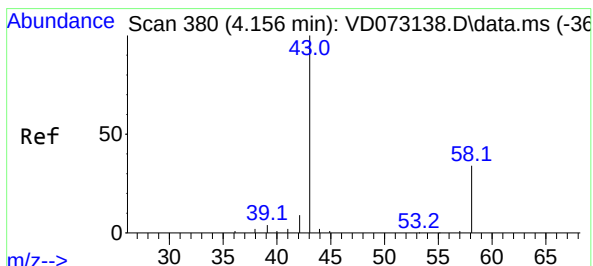
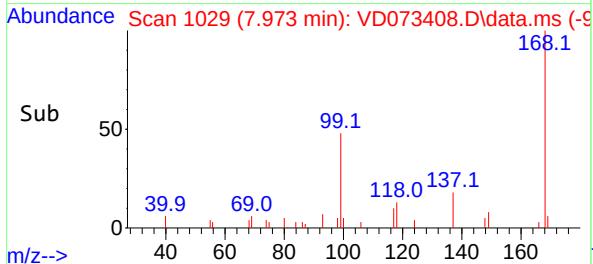
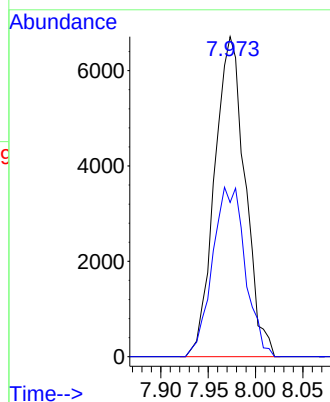
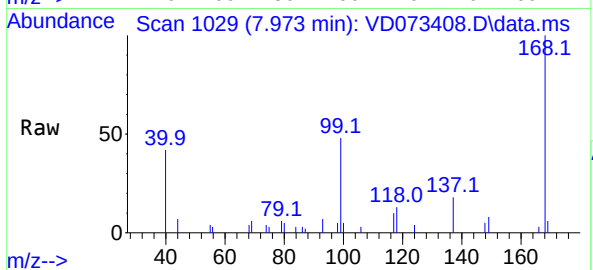




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073408.D
Acq: 27 May 2022 13:44

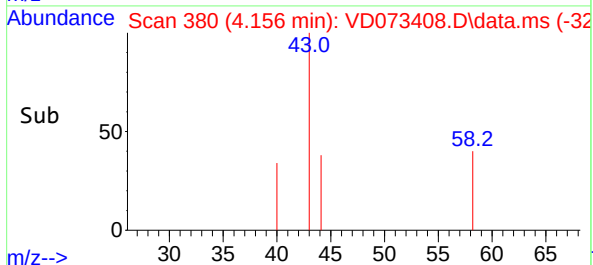
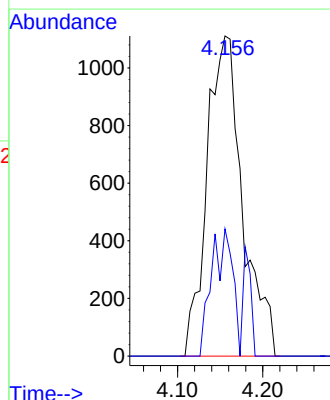
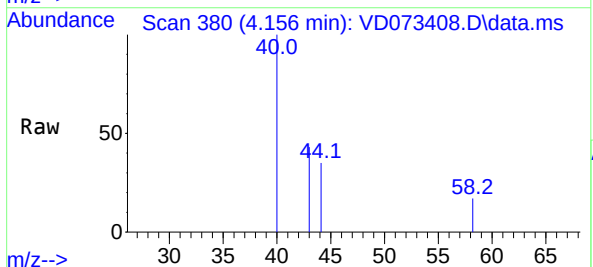
Instrument :
MSVOA_D
ClientSampleId :
SU-406-ROLL-OFFRE

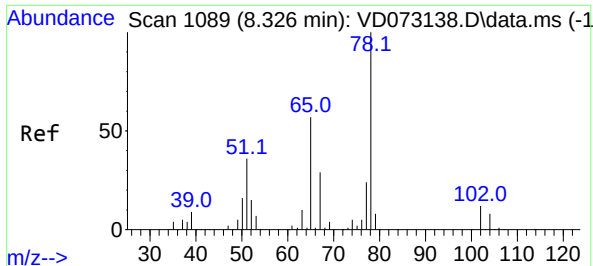
Tgt Ion:168 Resp: 15035
Ion Ratio Lower Upper
168 100
99 48.2 49.8 74.6#



#16
Acetone
Concen: 111.847 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD073408.D
Acq: 27 May 2022 13:44

Tgt Ion: 43 Resp: 3219
Ion Ratio Lower Upper
43 100
58 39.7 22.1 33.1#

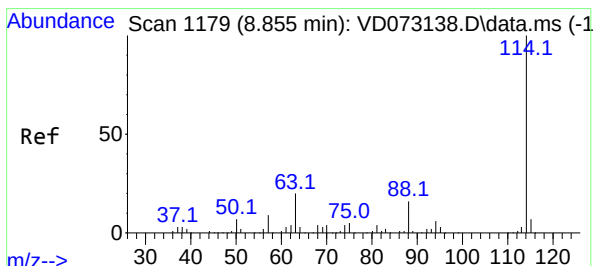
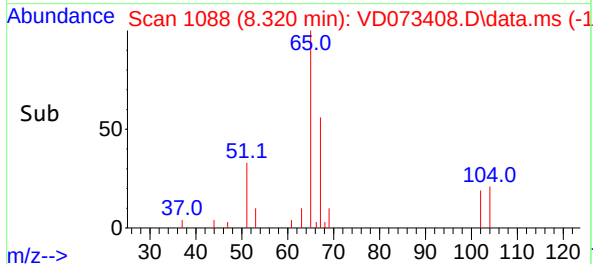
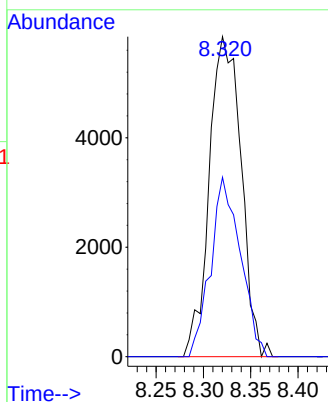
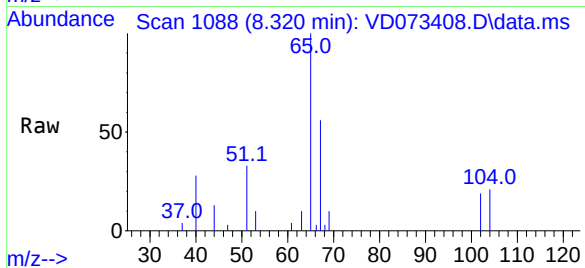




#33
1,2-Dichloroethane-d4
Concen: 82.271 ug/l
RT: 8.320 min Scan# 1100
Delta R.T. -0.006 min
Lab File: VD073408.D
Acq: 27 May 2022 13:44

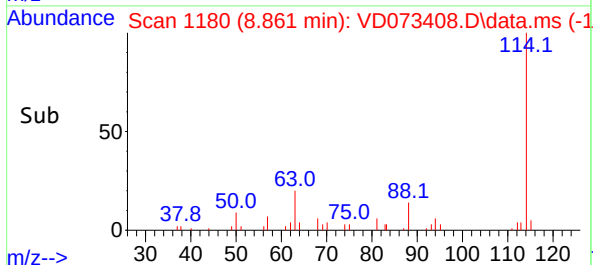
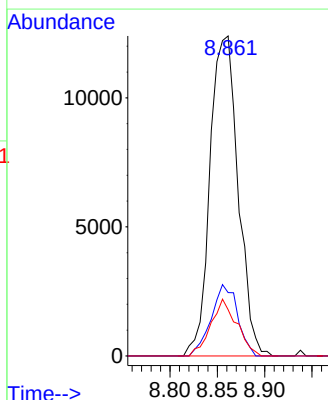
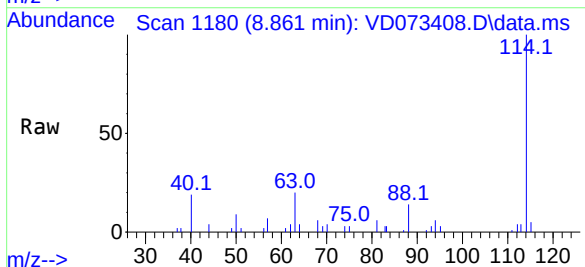
Instrument :
MSVOA_D
ClientSampleId :
SU-406-ROLL-OFFRE

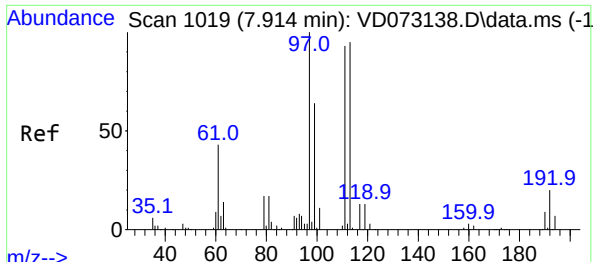
Tgt Ion: 65 Resp: 13670
Ion Ratio Lower Upper
65 100
67 52.5 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.006 min
Lab File: VD073408.D
Acq: 27 May 2022 13:44

Tgt Ion: 114 Resp: 25614
Ion Ratio Lower Upper
114 100
63 19.8 0.0 46.6
88 14.5 0.0 33.2

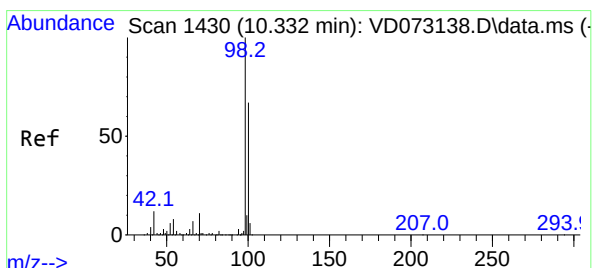
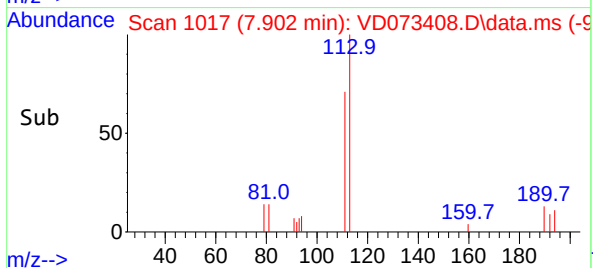
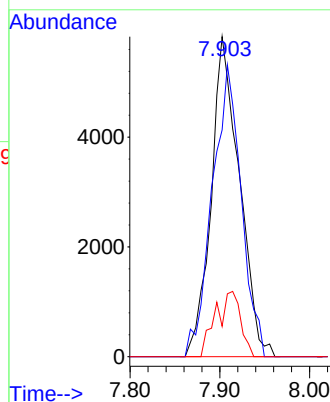
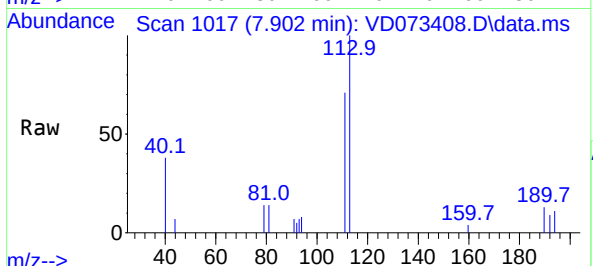




#35
Dibromofluoromethane
Concen: 75.400 ug/l
RT: 7.902 min Scan# 1019
Delta R.T. -0.011 min
Lab File: VD073408.D
Acq: 27 May 2022 13:44

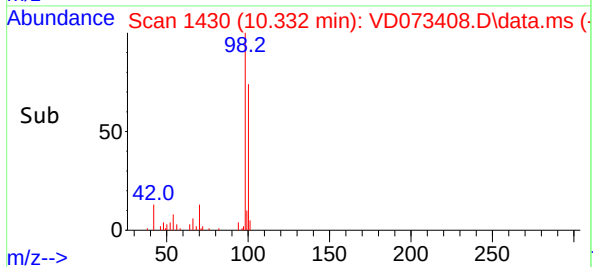
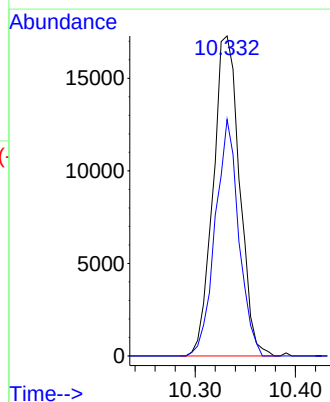
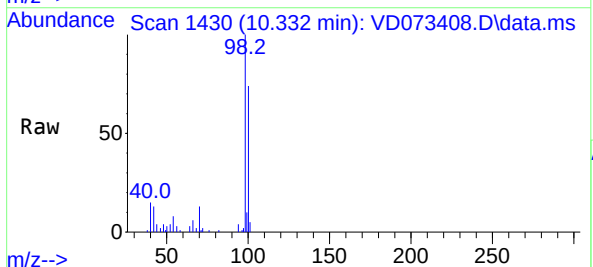
Instrument :
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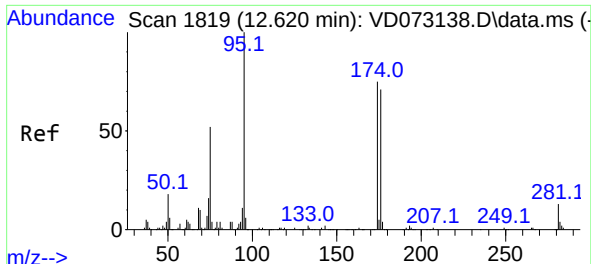
Tgt Ion:113 Resp: 12744
Ion Ratio Lower Upper
113 100
111 93.4 83.8 125.6
192 18.0 14.6 21.8



#50
Toluene-d8
Concen: 50.944 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073408.D
Acq: 27 May 2022 13:44

Tgt Ion: 98 Resp: 31740
Ion Ratio Lower Upper
98 100
100 65.7 52.4 78.6

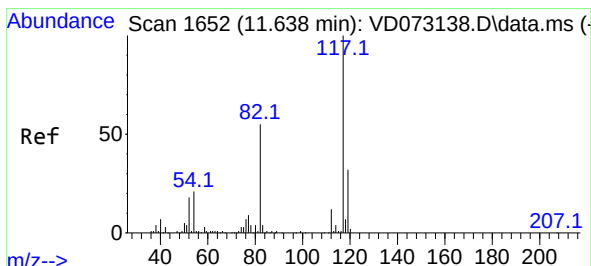
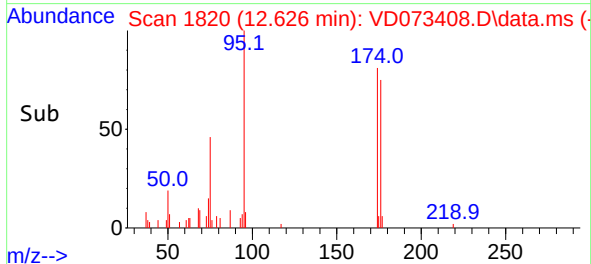
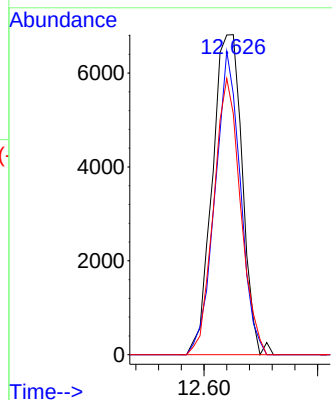
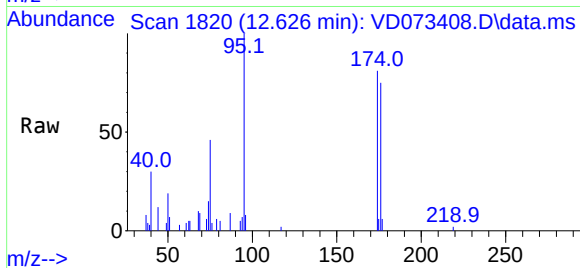




#62
4-Bromofluorobenzene
Concen: 56.835 ug/l
RT: 12.626 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD073408.D
Acq: 27 May 2022 13:44

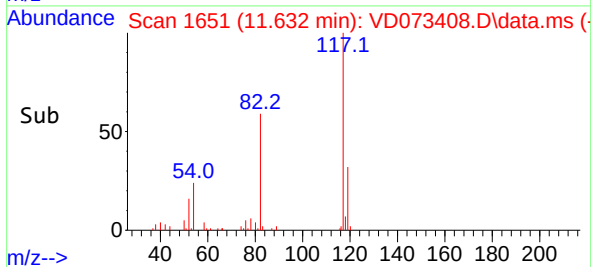
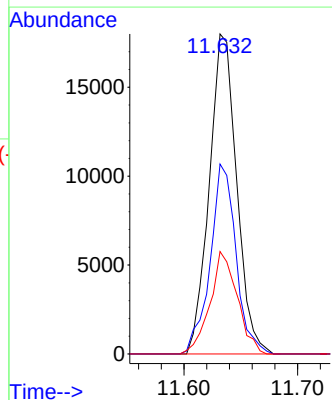
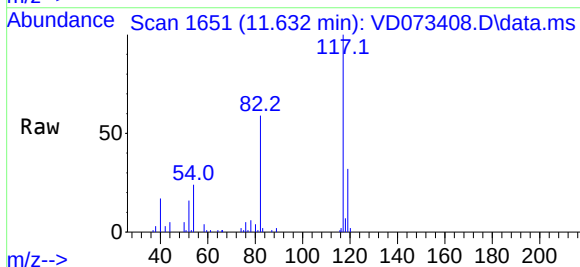
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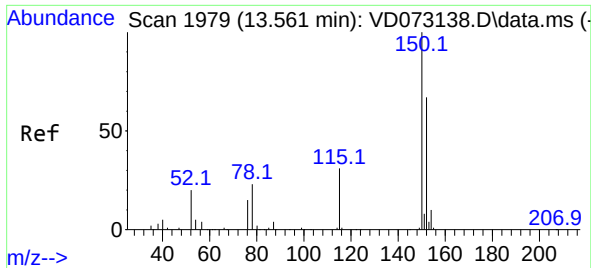
Tgt Ion:	95	Resp:	12427
Ion	Ratio	Lower	Upper
95	100		
174	80.8	0.0	152.8
176	77.9	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD073408.D
Acq: 27 May 2022 13:44

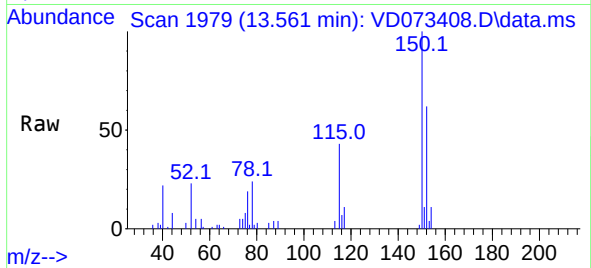
Tgt Ion:	117	Resp:	30162
Ion	Ratio	Lower	Upper
117	100		
82	59.3	45.3	67.9
119	32.0	26.6	40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD073408.D
 Acq: 27 May 2022 13:44

Instrument :
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Tgt Ion:	152	Resp:	13471
Ion	Ratio	Lower	Upper
152	100		
115	61.6	31.3	93.8
150	162.8	0.0	348.6

