

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052622\
 Data File : VD073387.D
 Acq On : 26 May 2022 14:40
 Operator : VA/SY
 Sample : N3027-01RE
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-052422RE

Quant Time: May 26 16:59:11 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)

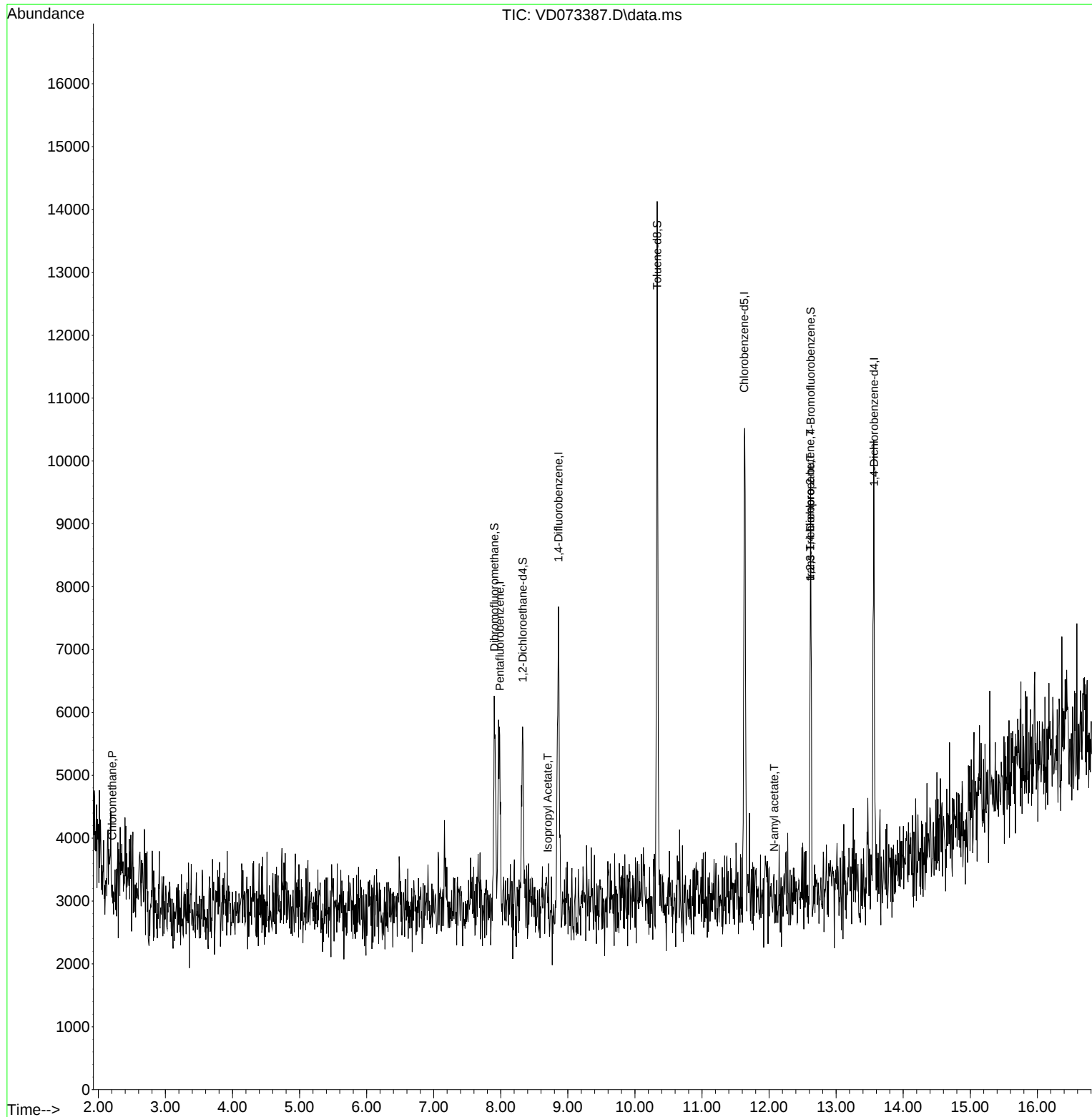
Internal Standards						
1) Pentafluorobenzene	7.985	168	3027	50.000	ug/l	# 0.01
34) 1,4-Difluorobenzene	8.861	114	5022	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	5337	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	1891	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	2687	80.323	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 160.640%	
35) Dibromofluoromethane	7.903	113	2523	76.135	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 152.280%#	
50) Toluene-d8	10.332	98	6275	51.368	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.740%	
62) 4-Bromofluorobenzene	12.620	95	2078	48.472	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.940%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.209	50	94	2.748	ug/l	# 40
20) Methylene Chloride	4.967	84	66	Below Cal	#	11
43) Isopropyl Acetate	8.702	43	55	1.512	ug/l	# 54
74) N-amyl acetate	12.079	43	56	1.904	ug/l	# 45
76) 1,2,3-Trichloropropane	12.614	75	684	36.865	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.614	75	684	88.503	ug/l	# 7

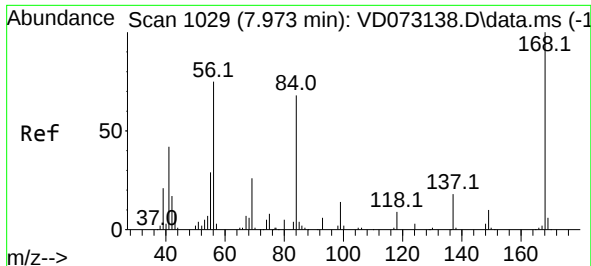
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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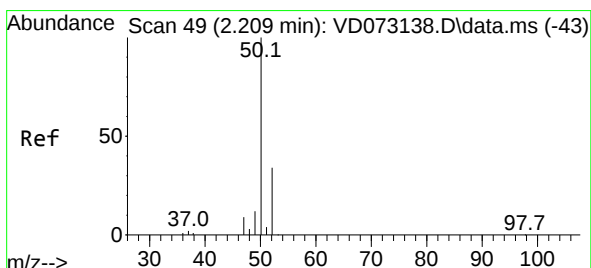
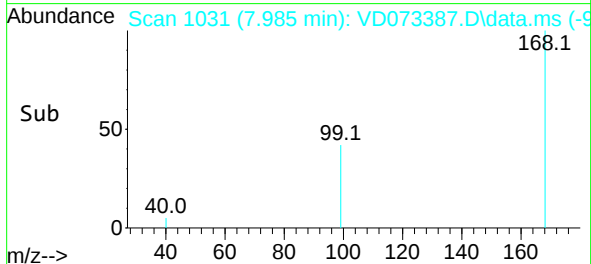
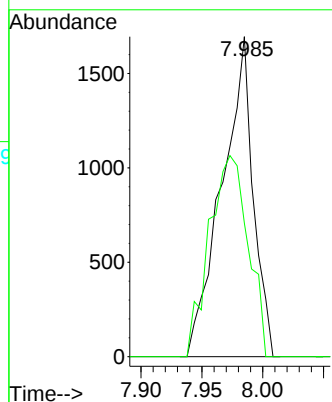
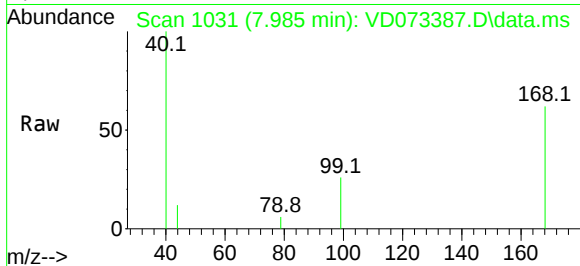




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.985 min Scan# 10
Delta R.T. 0.012 min
Lab File: VD073387.D
Acq: 26 May 2022 14:40

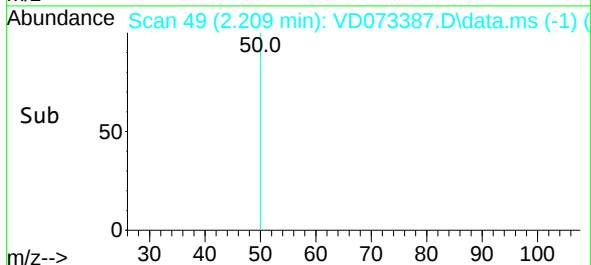
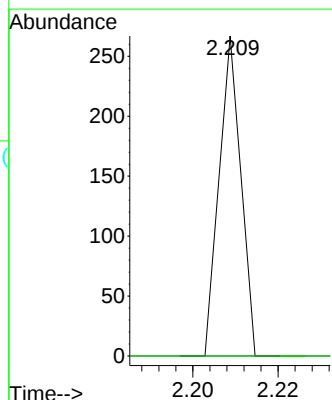
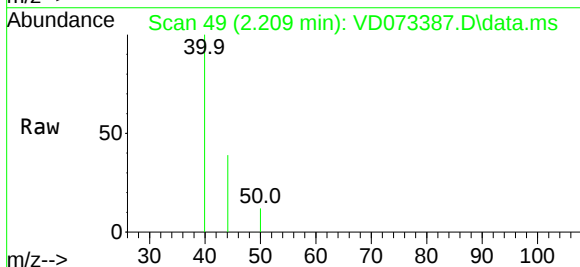
Instrument :
MSVOA_D
ClientSampleId :
OR-03-052422RE

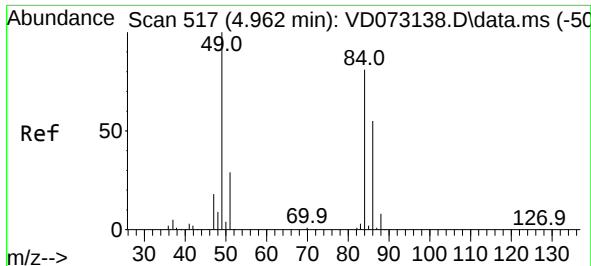
Tgt Ion:168 Resp: 3027
Ion Ratio Lower Upper
168 100
99 41.8 49.8 74.6#



#3
Chloromethane
Concen: 2.748 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073387.D
Acq: 26 May 2022 14:40

Tgt Ion: 50 Resp: 94
Ion Ratio Lower Upper
50 100
52 0.0 27.4 41.0#

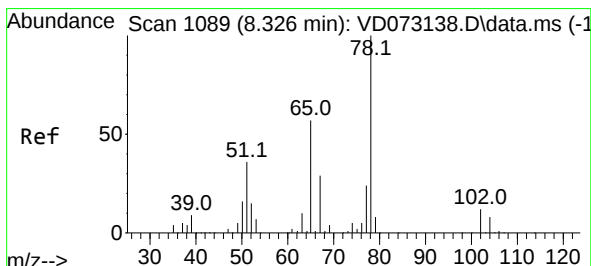
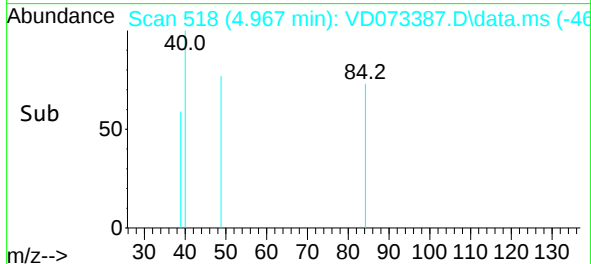
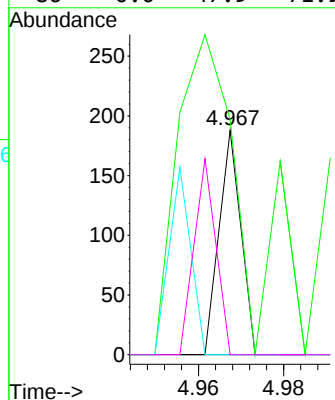
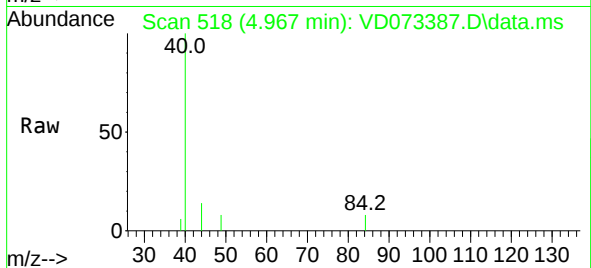




#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 517
Delta R.T. 0.005 min
Lab File: VD073387.D
Acq: 26 May 2022 14:40

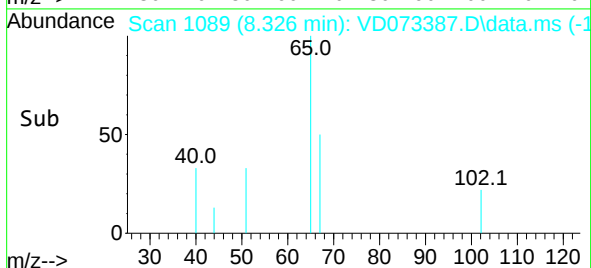
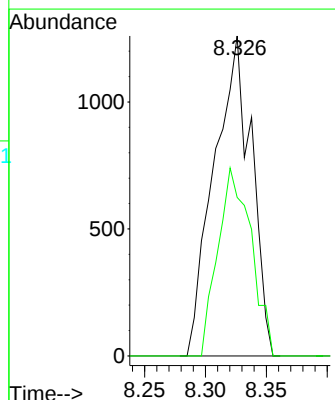
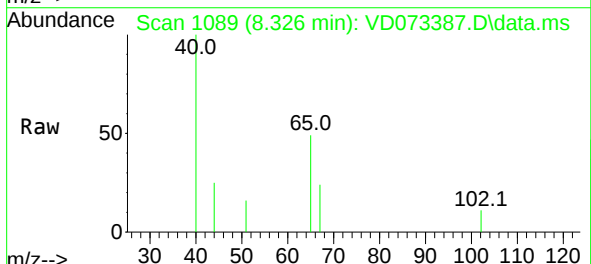
Instrument :
MSVOA_D
ClientSampleId :
OR-03-052422RE

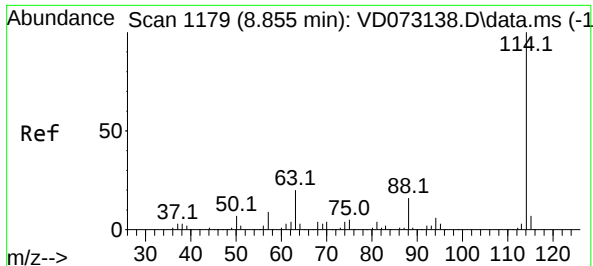
Tgt Ion: 84	Resp:	66
Ion	Ratio	Lower Upper
84	100	
49	18.6	112.8 169.2#
51	0.0	32.6 48.8#
86	0.0	47.9 71.9#



#33
1,2-Dichloroethane-d4
Concen: 80.323 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD073387.D
Acq: 26 May 2022 14:40

Tgt Ion: 65	Resp:	2687
Ion	Ratio	Lower Upper
65	100	
67	52.4	0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1179

Delta R.T. 0.006 min

Lab File: VD073387.D

Acq: 26 May 2022 14:40

Instrument :

MSVOA_D

ClientSampleId :

OR-03-052422RE

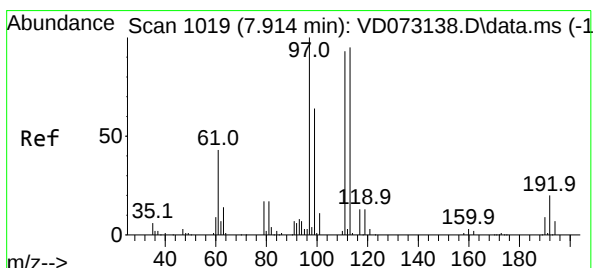
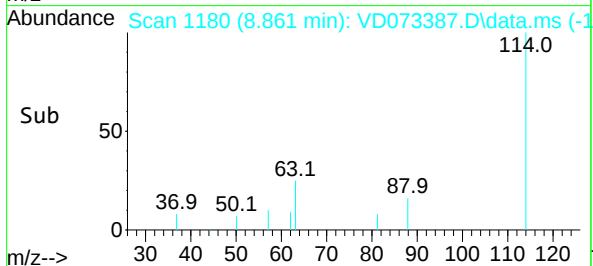
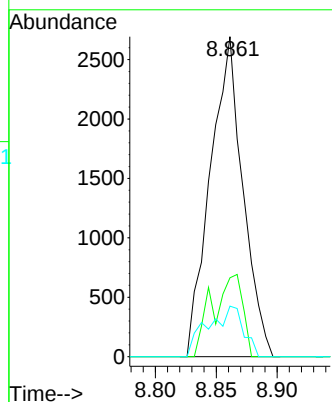
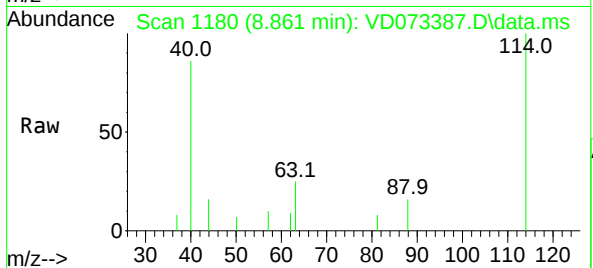
Tgt Ion:114 Resp: 5022

Ion Ratio Lower Upper

114 100

63 24.7 0.0 46.6

88 15.8 0.0 33.2



#35

Dibromofluoromethane

Concen: 76.135 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.011 min

Lab File: VD073387.D

Acq: 26 May 2022 14:40

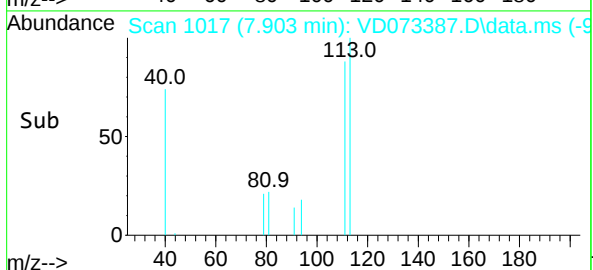
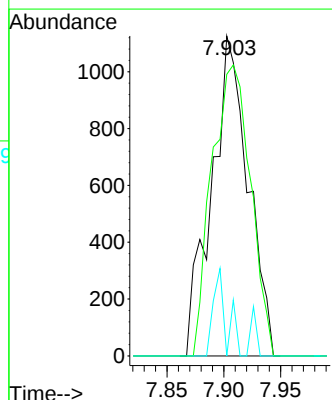
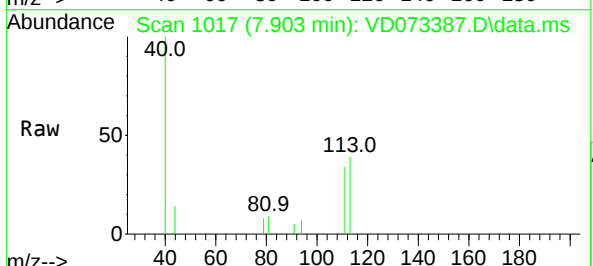
Tgt Ion:113 Resp: 2523

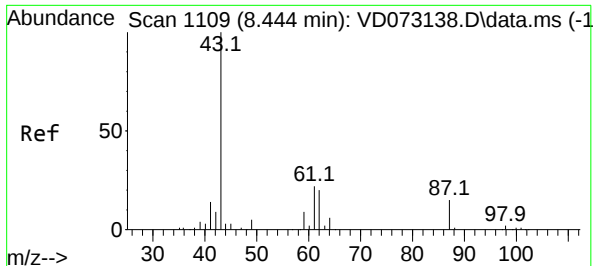
Ion Ratio Lower Upper

113 100

111 96.1 83.8 125.6

192 9.8 14.6 21.8#





#43

Isopropyl Acetate

Concen: 1.512 ug/l

RT: 8.702 min Scan# 1109

Delta R.T. 0.258 min

Lab File: VD073387.D

Acq: 26 May 2022 14:40

Instrument :

MSVOA_D

ClientSampleId :

OR-03-052422RE

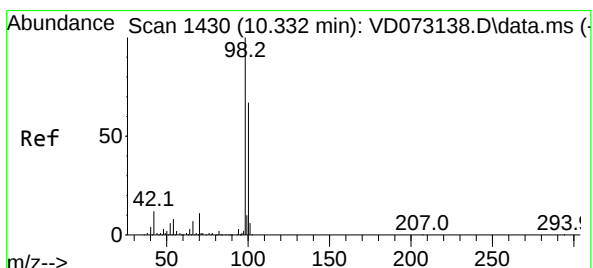
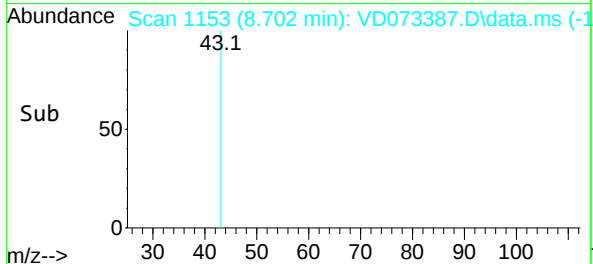
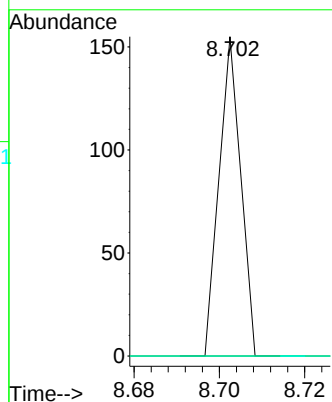
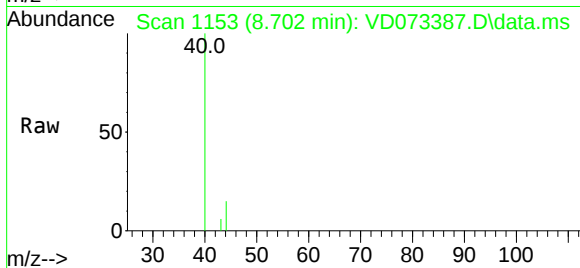
Tgt Ion: 43 Resp: 55

Ion Ratio Lower Upper

43 100

61 0.0 22.4 33.6#

87 0.0 8.7 13.1#



#50

Toluene-d8

Concen: 51.368 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073387.D

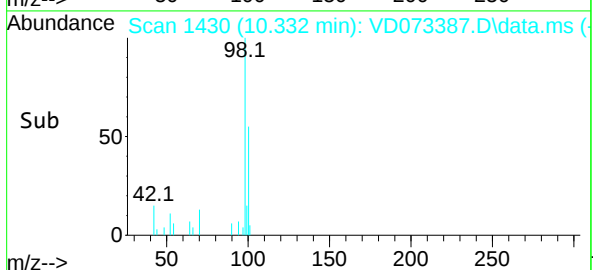
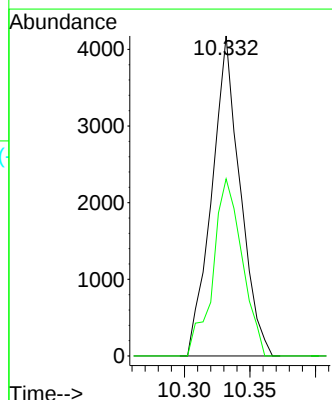
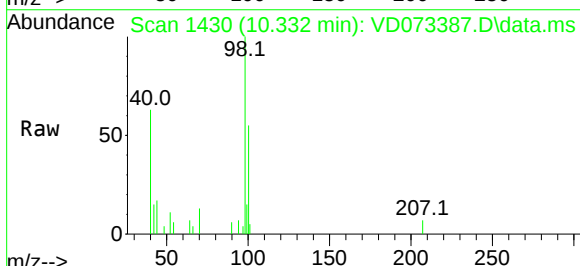
Acq: 26 May 2022 14:40

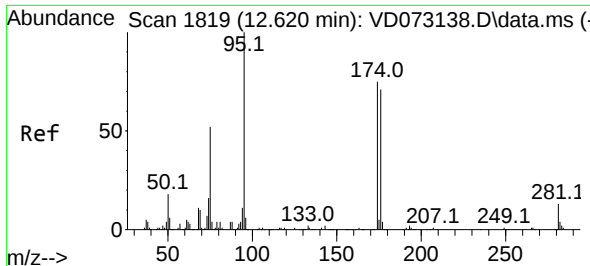
Tgt Ion: 98 Resp: 6275

Ion Ratio Lower Upper

98 100

100 56.9 52.4 78.6

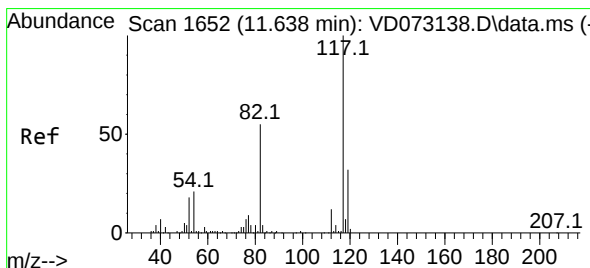
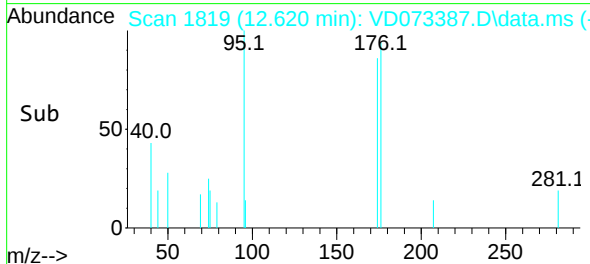
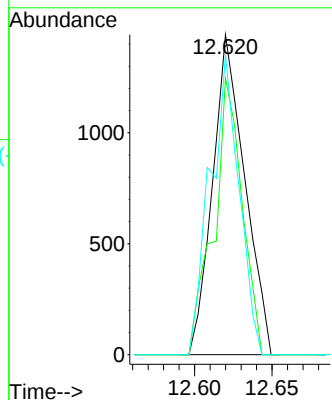
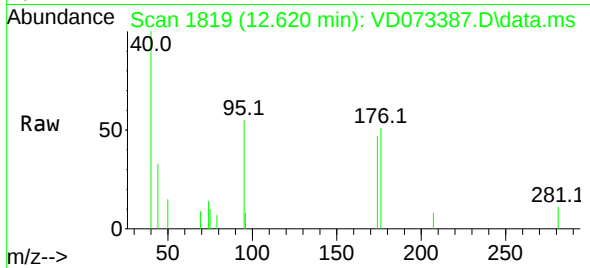




#62
4-Bromofluorobenzene
Concen: 48.472 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073387.D
Acq: 26 May 2022 14:40

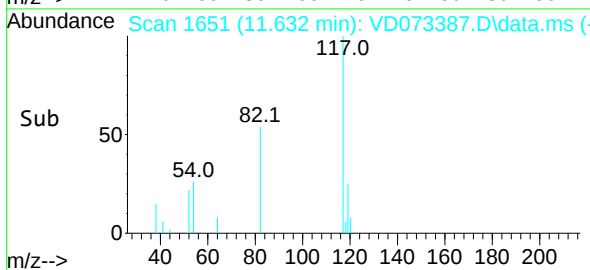
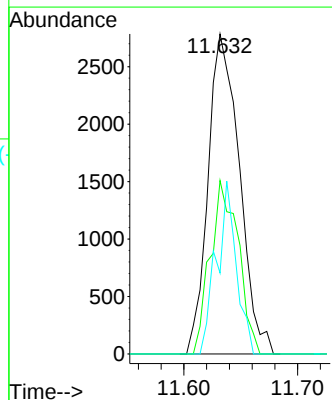
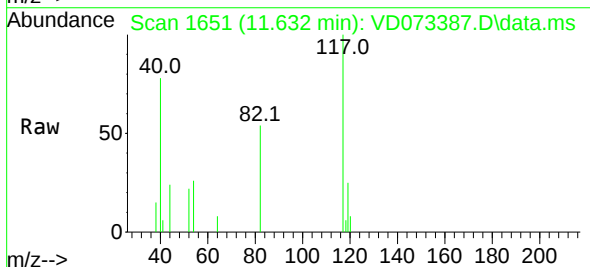
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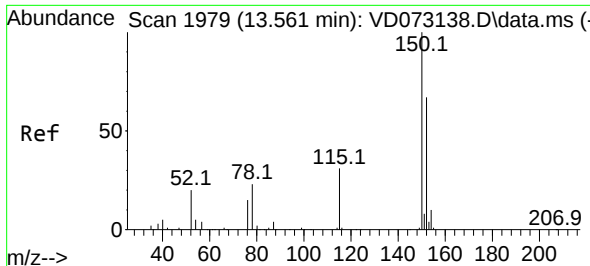
Tgt Ion:	95	Resp:	2078
Ion Ratio	Lower	Upper	
95	100		
174	76.4	0.0	152.8
176	84.2	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD073387.D
Acq: 26 May 2022 14:40

Tgt Ion:	117	Resp:	5337
Ion Ratio	Lower	Upper	
117	100		
82	54.2	45.3	67.9
119	25.3	26.6	40.0#

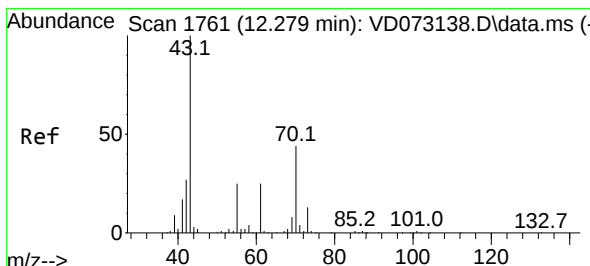
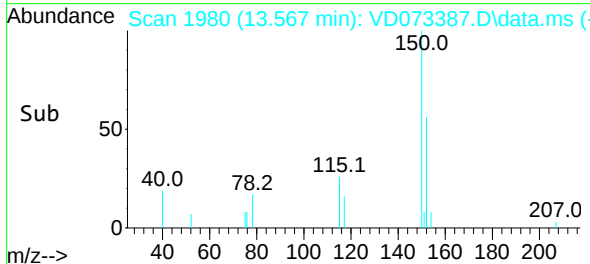
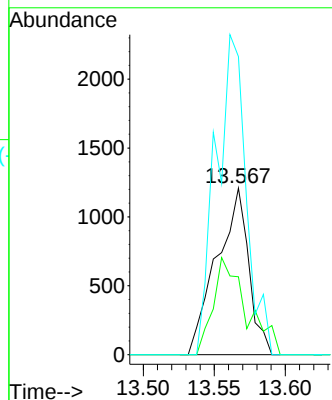
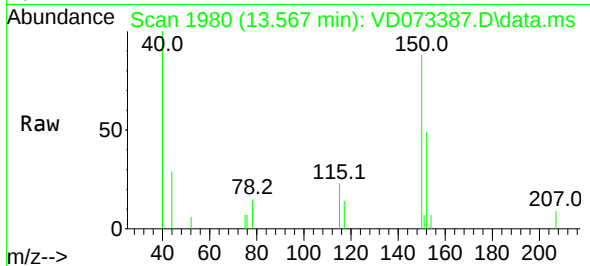




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD073387.D
Acq: 26 May 2022 14:40

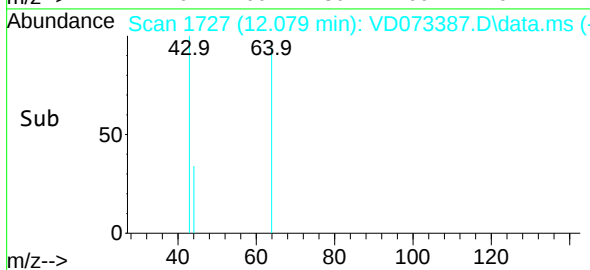
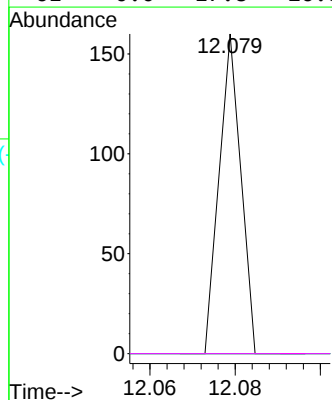
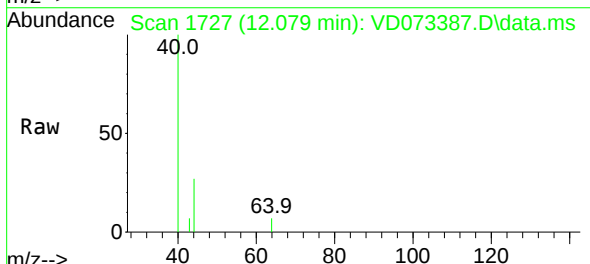
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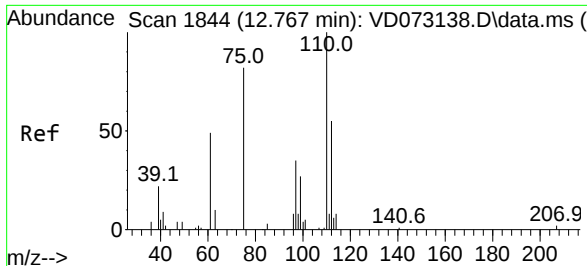
Tgt Ion:152 Resp: 1891
Ion Ratio Lower Upper
152 100
115 60.8 31.3 93.8
150 180.9 0.0 348.6



#74
N-ethyl acetate
Concen: 1.904 ug/l
RT: 12.079 min Scan# 1727
Delta R.T. -0.200 min
Lab File: VD073387.D
Acq: 26 May 2022 14:40

Tgt Ion: 43 Resp: 56
Ion Ratio Lower Upper
43 100
70 0.0 31.3 46.9#
55 0.0 20.0 30.0#
61 0.0 17.8 26.8#

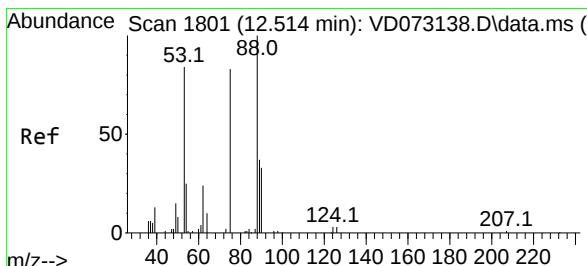
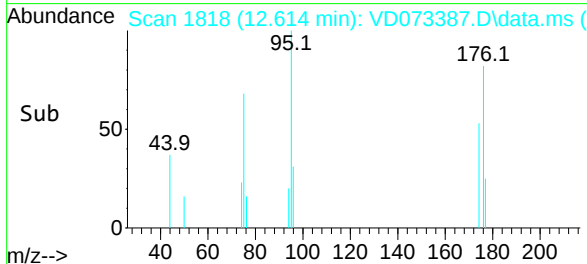
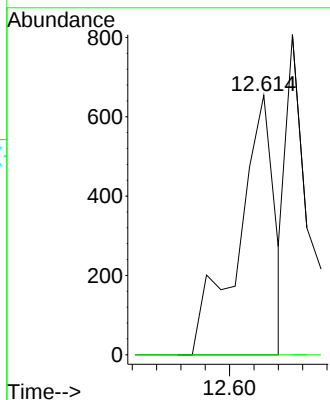
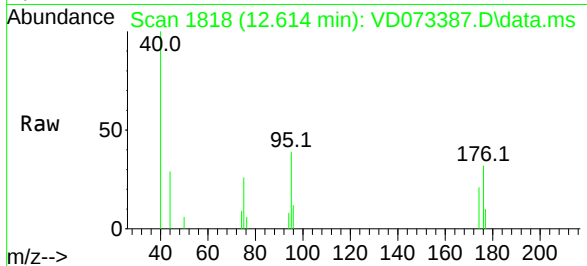




#76
1,2,3-Trichloropropane
Concen: 36.865 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. -0.153 min
Lab File: VD073387.D
Acq: 26 May 2022 14:40

Instrument :
MSVOA_D
ClientSampleId :
OR-03-052422RE

Tgt Ion: 75 Resp: 684
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 88.503 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. 0.100 min
Lab File: VD073387.D
Acq: 26 May 2022 14:40

Tgt Ion: 75 Resp: 684
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#

