

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051823\
 Data File : VD076138.D
 Acq On : 18 May 2023 14:03
 Operator : KP/SY
 Sample : 02810-01
 Misc : 4.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-02-051623

Quant Time: May 19 01:53:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

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

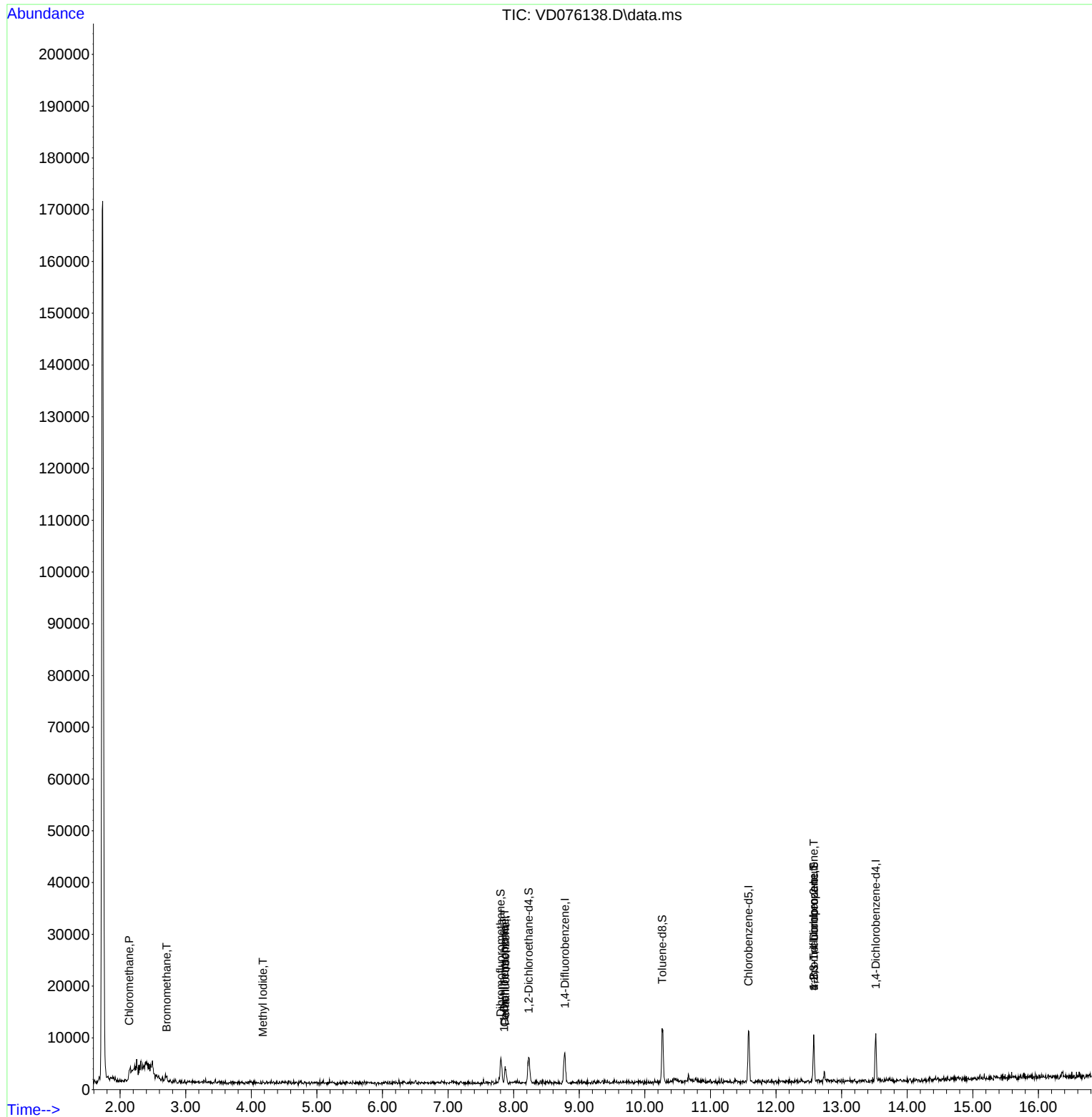
Internal Standards						
1) Pentafluorobenzene	7.875	168	3111	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	6447	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	7213	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	2692	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	3890	129.378	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 258.760%#	
35) Dibromofluoromethane	7.799	113	3476	78.002	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 156.000%#	
50) Toluene-d8	10.263	98	8846	50.922	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.840%	
62) 4-Bromofluorobenzene	12.575	95	2726	56.490	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 112.980%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.140	50	634	10.227	ug/l #	80
5) Bromomethane	2.711	94	718	17.624	ug/l #	55
10) Methyl Iodide	4.175	142	261	7.430	ug/l #	38
36) 1,1-Dichloropropene	7.857	75	120	1.994	ug/l #	42
38) Carbon Tetrachloride	7.863	117	59	1.085	ug/l #	13
76) 1,2,3-Trichloropropane	12.575	75	1503	63.802	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	1503	133.846	ug/l #	5

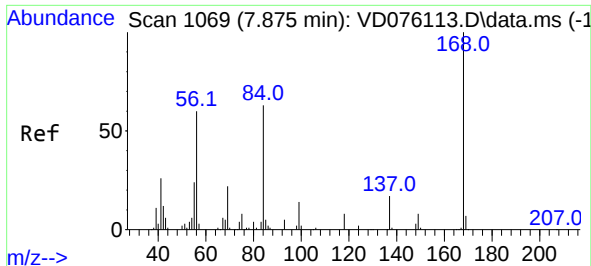
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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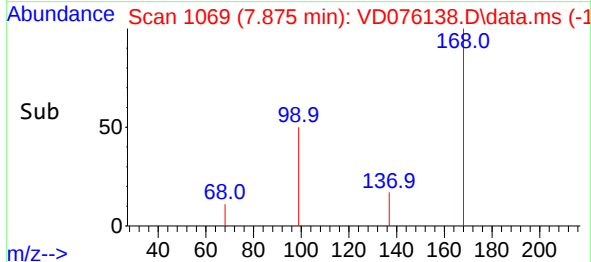
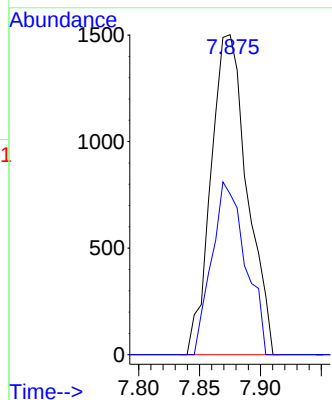
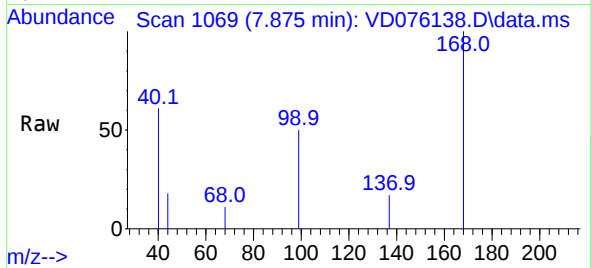




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD076138.D
Acq: 18 May 2023 14:03

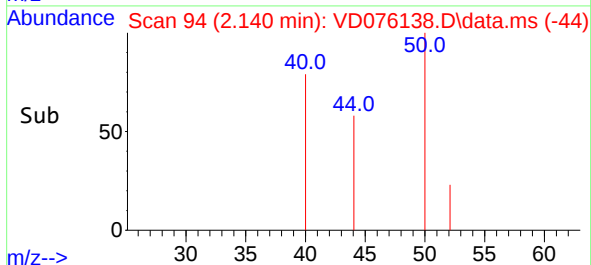
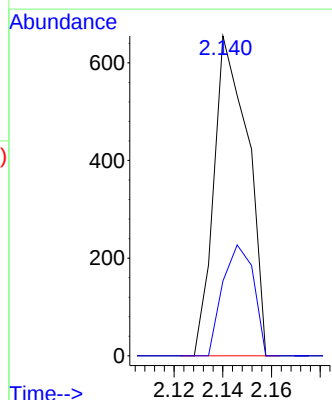
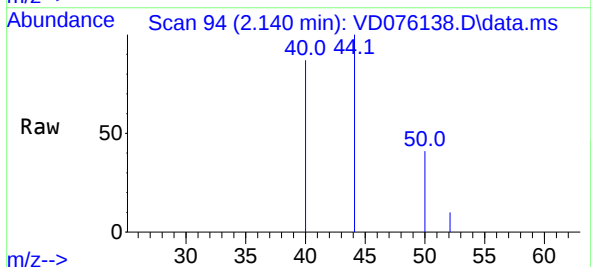
Instrument :
MSVOA_D
ClientSampleId :
OR-02-051623

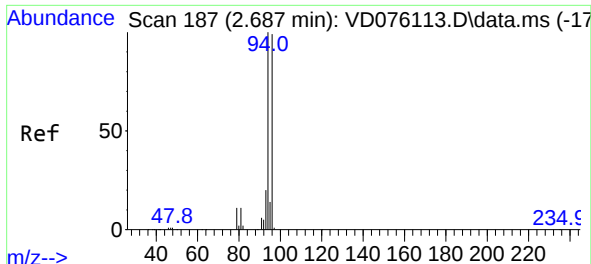
Tgt Ion:168 Resp: 3111
Ion Ratio Lower Upper
168 100
99 50.2 43.8 65.6



#3
Chloromethane
Concen: 10.227 ug/l
RT: 2.140 min Scan# 94
Delta R.T. -0.006 min
Lab File: VD076138.D
Acq: 18 May 2023 14:03

Tgt Ion: 50 Resp: 634
Ion Ratio Lower Upper
50 100
52 23.4 27.8 41.8#

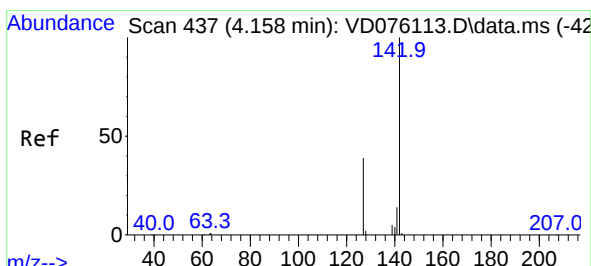
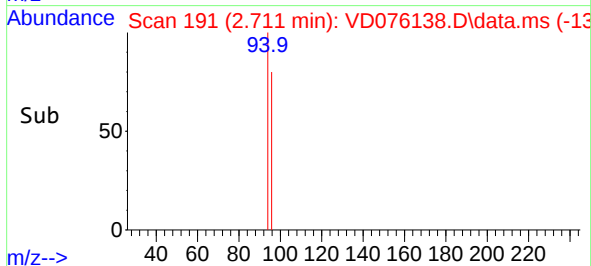
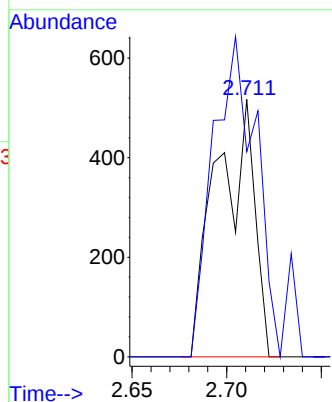
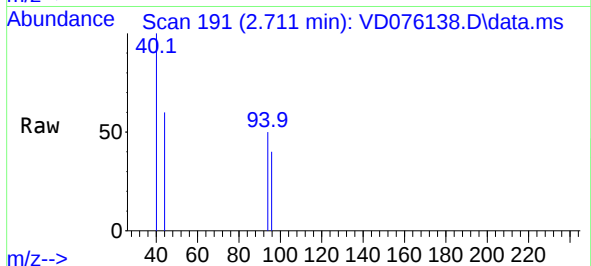




#5
Bromomethane
Concen: 17.624 ug/l
RT: 2.711 min Scan# 191
Delta R.T. 0.024 min
Lab File: VD076138.D
Acq: 18 May 2023 14:03

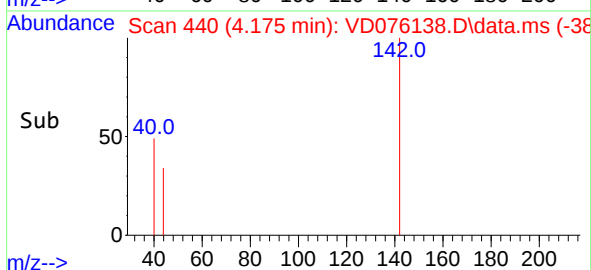
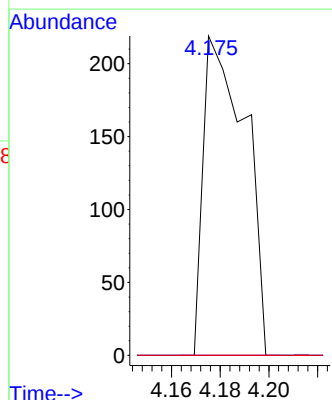
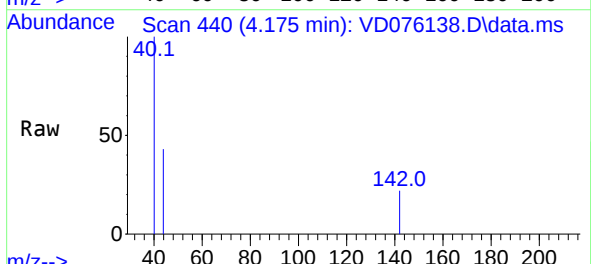
Instrument :
MSVOA_D
ClientSampleId :
OR-02-051623

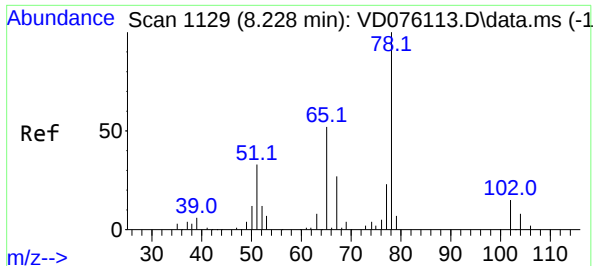
Tgt Ion: 94 Resp: 718
Ion Ratio Lower Upper
94 100
96 140.8 77.5 116.3#



#10
Methyl Iodide
Concen: 7.430 ug/l
RT: 4.175 min Scan# 440
Delta R.T. 0.011 min
Lab File: VD076138.D
Acq: 18 May 2023 14:03

Tgt Ion: 142 Resp: 261
Ion Ratio Lower Upper
142 100
127 0.0 37.1 55.7#
141 0.0 11.3 16.9#





#33

1,2-Dichloroethane-d4

Concen: 129.378 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD076138.D

Acq: 18 May 2023 14:03

Instrument :

MSVOA_D

ClientSampleId :

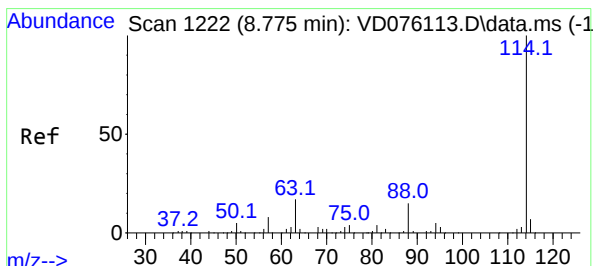
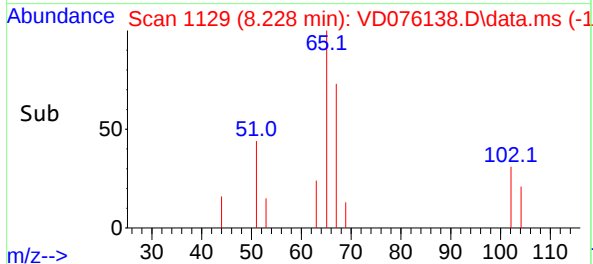
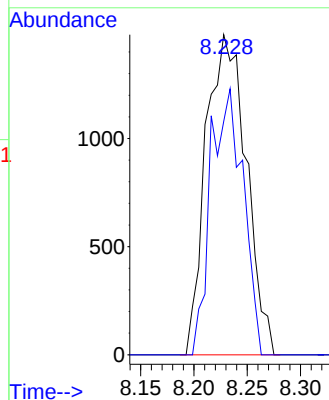
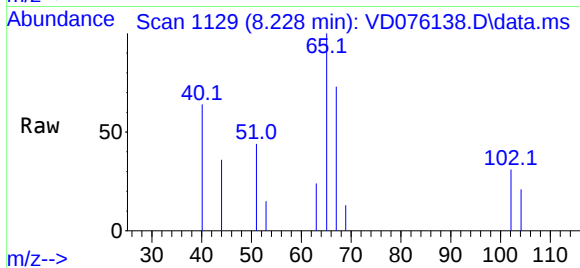
OR-02-051623

Tgt Ion: 65 Resp: 3890

Ion Ratio Lower Upper

65 100

67 66.8 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD076138.D

Acq: 18 May 2023 14:03

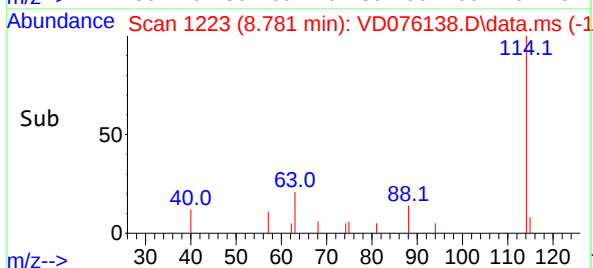
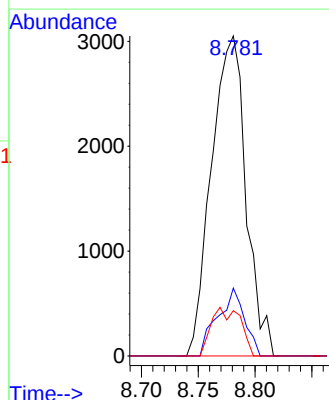
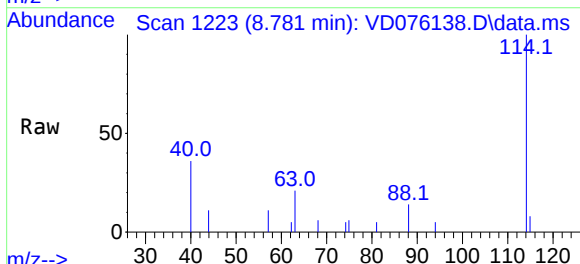
Tgt Ion: 114 Resp: 6447

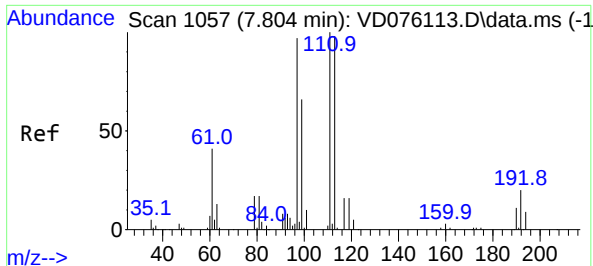
Ion Ratio Lower Upper

114 100

63 21.2 0.0 41.6

88 14.1 0.0 30.6



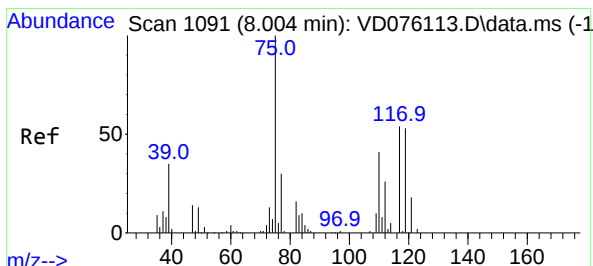
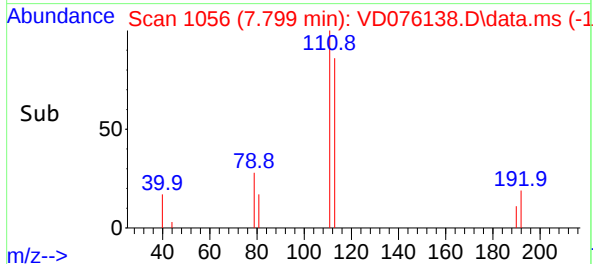
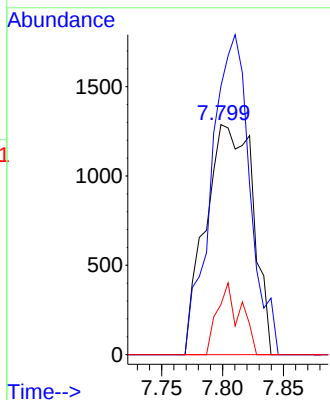
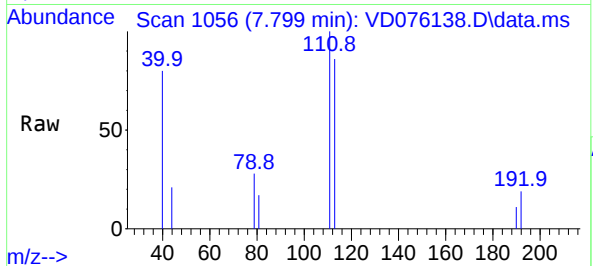


#35
Dibromofluoromethane
Concen: 78.002 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VD076138.D
Acq: 18 May 2023 14:03

Instrument :
MSVOA_D
ClientSampleId :
OR-02-051623

Tgt Ion: 113 Resp: 3476

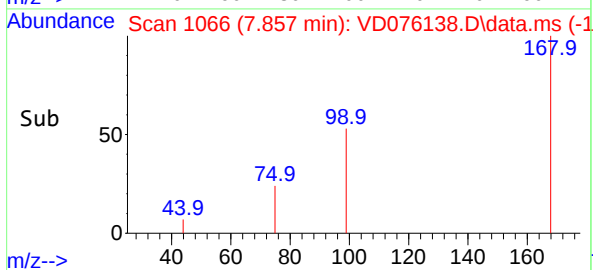
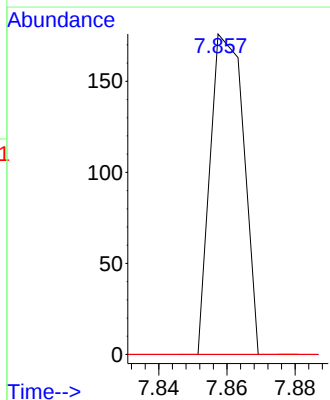
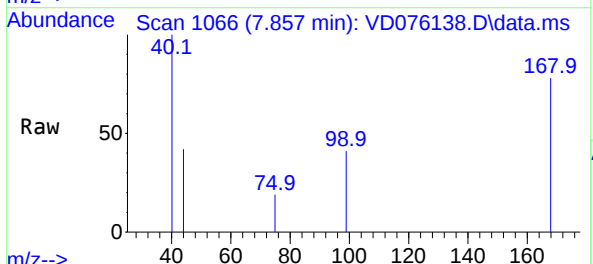
Ion	Ratio	Lower	Upper
113	100		
111	113.5	81.4	122.0
192	15.4	15.2	22.8

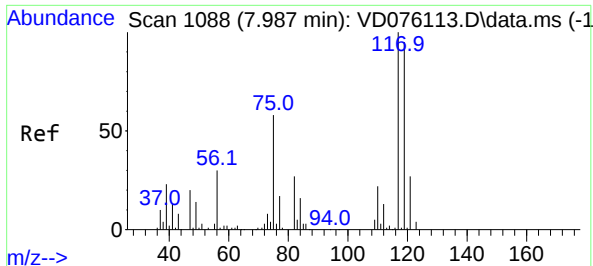


#36
1,1-Dichloropropene
Concen: 1.994 ug/l
RT: 7.857 min Scan# 1066
Delta R.T. -0.153 min
Lab File: VD076138.D
Acq: 18 May 2023 14:03

Tgt Ion: 75 Resp: 120

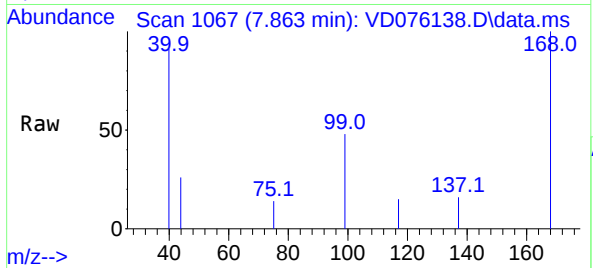
Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.1	51.2#
77	0.0	24.6	36.8#



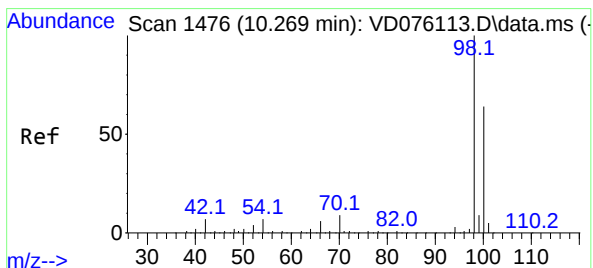
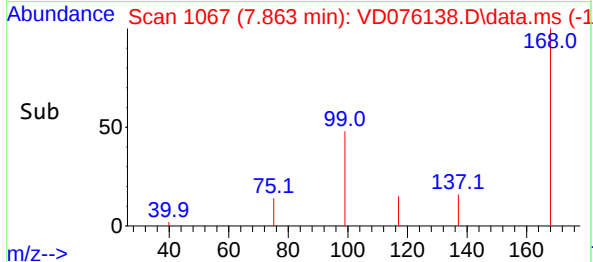
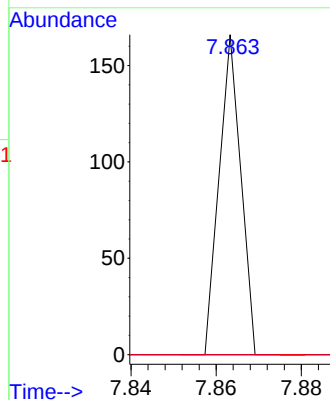


#38
Carbon Tetrachloride
Concen: 1.085 ug/l
RT: 7.863 min Scan# 1088
Delta R.T. -0.130 min
Lab File: VD076138.D
Acq: 18 May 2023 14:03

Instrument :
MSVOA_D
ClientSampleId :
OR-02-051623

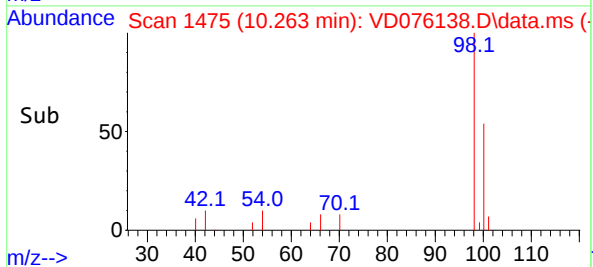
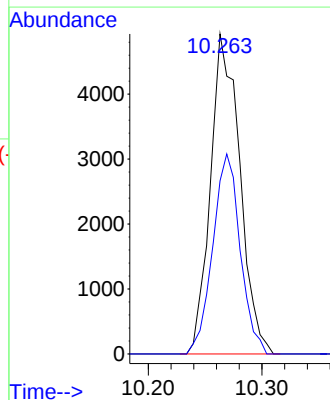
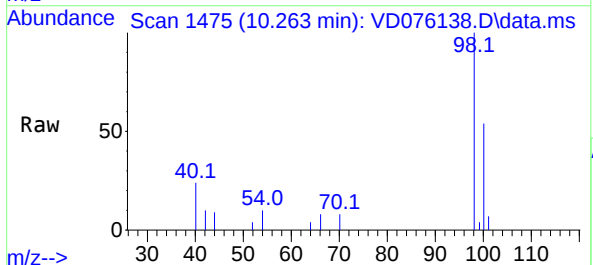


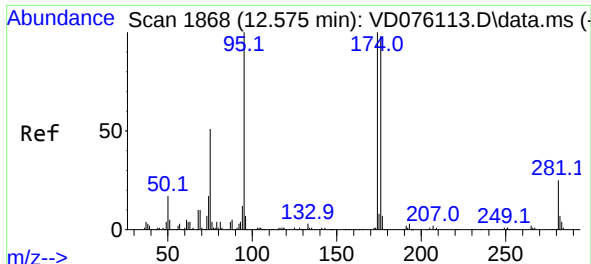
Tgt Ion:117 Resp: 59
Ion Ratio Lower Upper
117 100
119 0.0 74.7 112.1#
121 0.0 25.9 38.9#



#50
Toluene-d8
Concen: 50.922 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VD076138.D
Acq: 18 May 2023 14:03

Tgt Ion: 98 Resp: 8846
Ion Ratio Lower Upper
98 100
100 58.4 52.1 78.1

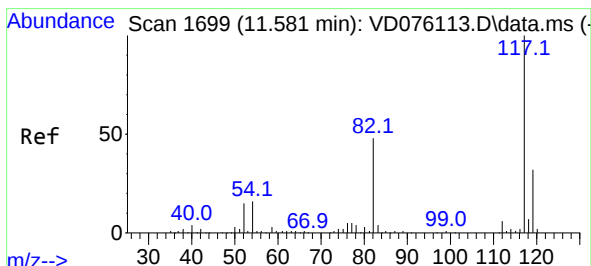
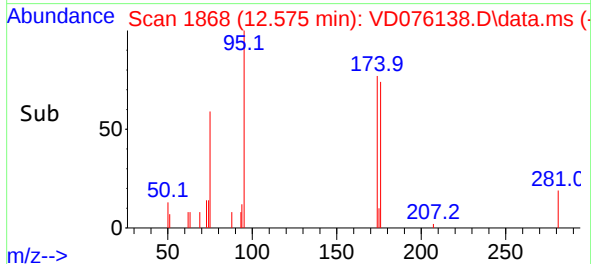
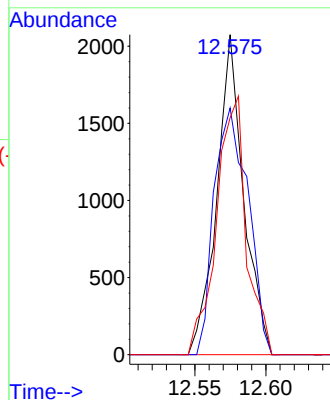
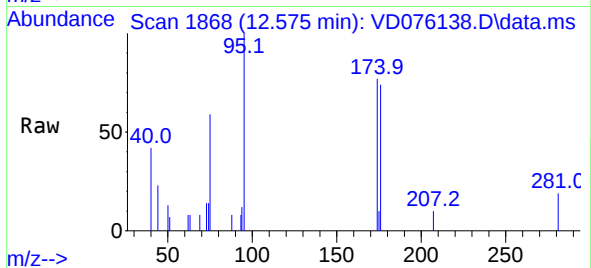




#62
4-Bromofluorobenzene
Concen: 56.490 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076138.D
Acq: 18 May 2023 14:03

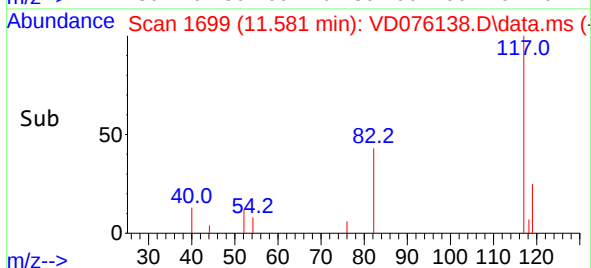
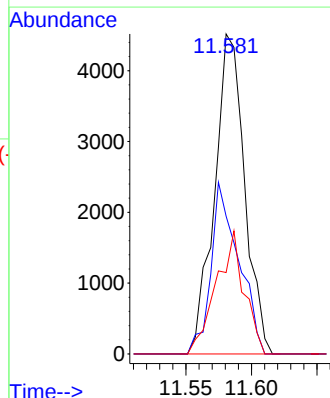
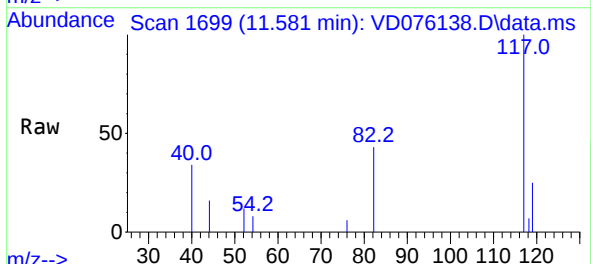
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MSVOA_D
ClientSampleId :
OR-02-051623

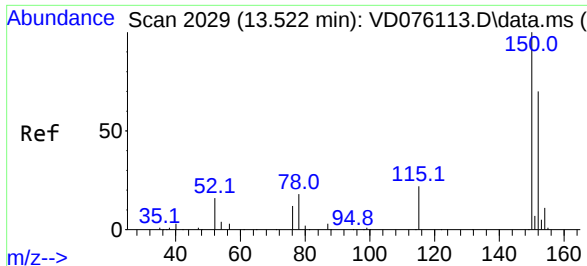
Tgt Ion:	95	Resp:	2726
Ion	Ratio	Lower	Upper
95	100		
174	97.4	0.0	164.0
176	89.2	0.0	156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076138.D
Acq: 18 May 2023 14:03

Tgt Ion:	117	Resp:	7213
Ion	Ratio	Lower	Upper
117	100		
82	43.1	44.0	66.0#
119	25.4	25.1	37.7

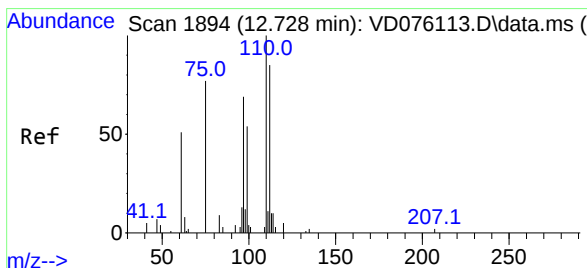
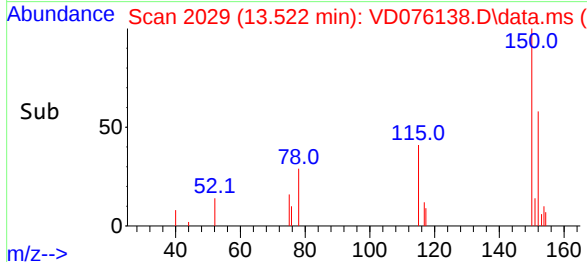
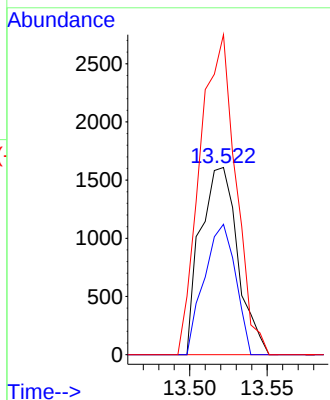
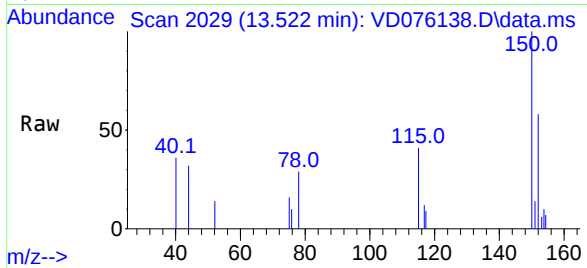




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 2029
 Delta R.T. -0.000 min
 Lab File: VD076138.D
 Acq: 18 May 2023 14:03

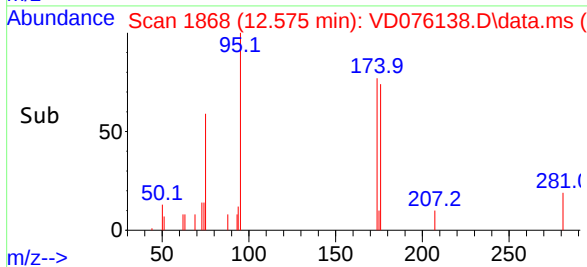
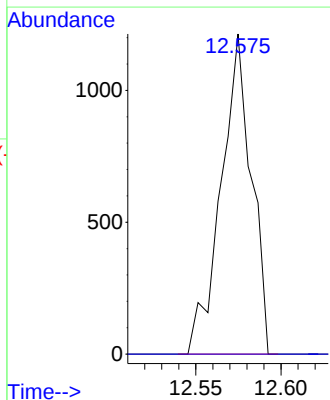
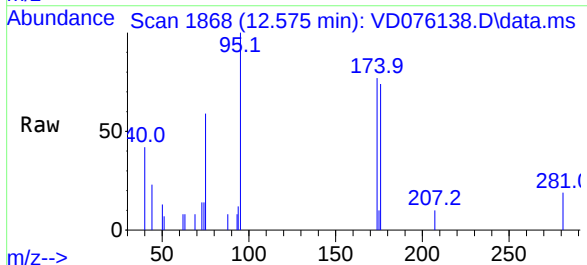
Instrument :
 MSVOA_D
 ClientSampleId :
 OR-02-051623

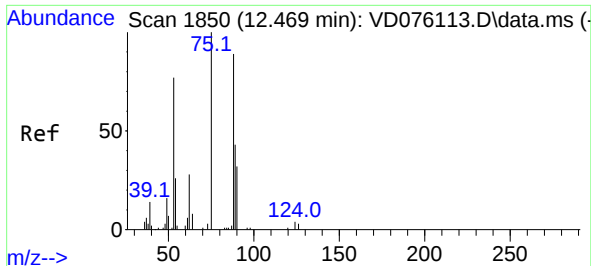
Tgt Ion:152 Resp: 2692
 Ion Ratio Lower Upper
 152 100
 115 58.5 30.1 90.3
 150 164.2 0.0 364.8



#76
 1,2,3-Trichloropropane
 Concen: 63.802 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.153 min
 Lab File: VD076138.D
 Acq: 18 May 2023 14:03

Tgt Ion: 75 Resp: 1503
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
trans-1,4-Dichloro-2-butene
Concen: 133.846 ug/l
RT: 12.575 min Scan# 11
Delta R.T. 0.100 min
Lab File: VD076138.D
Acq: 18 May 2023 14:03

Instrument :
MSVOA_D
ClientSampleId :
OR-02-051623

Tgt Ion: 75 Resp: 1503
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 40.2 60.4#

