

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101322\
 Data File : VD074534.D
 Acq On : 13 Oct 2022 17:55
 Operator : VA/SY
 Sample : N5142-07
 Misc : 7.19G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-10

Quant Time: Oct 14 01:32:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101122S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 12 13:14:00 2022
 Response via : Initial Calibration

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

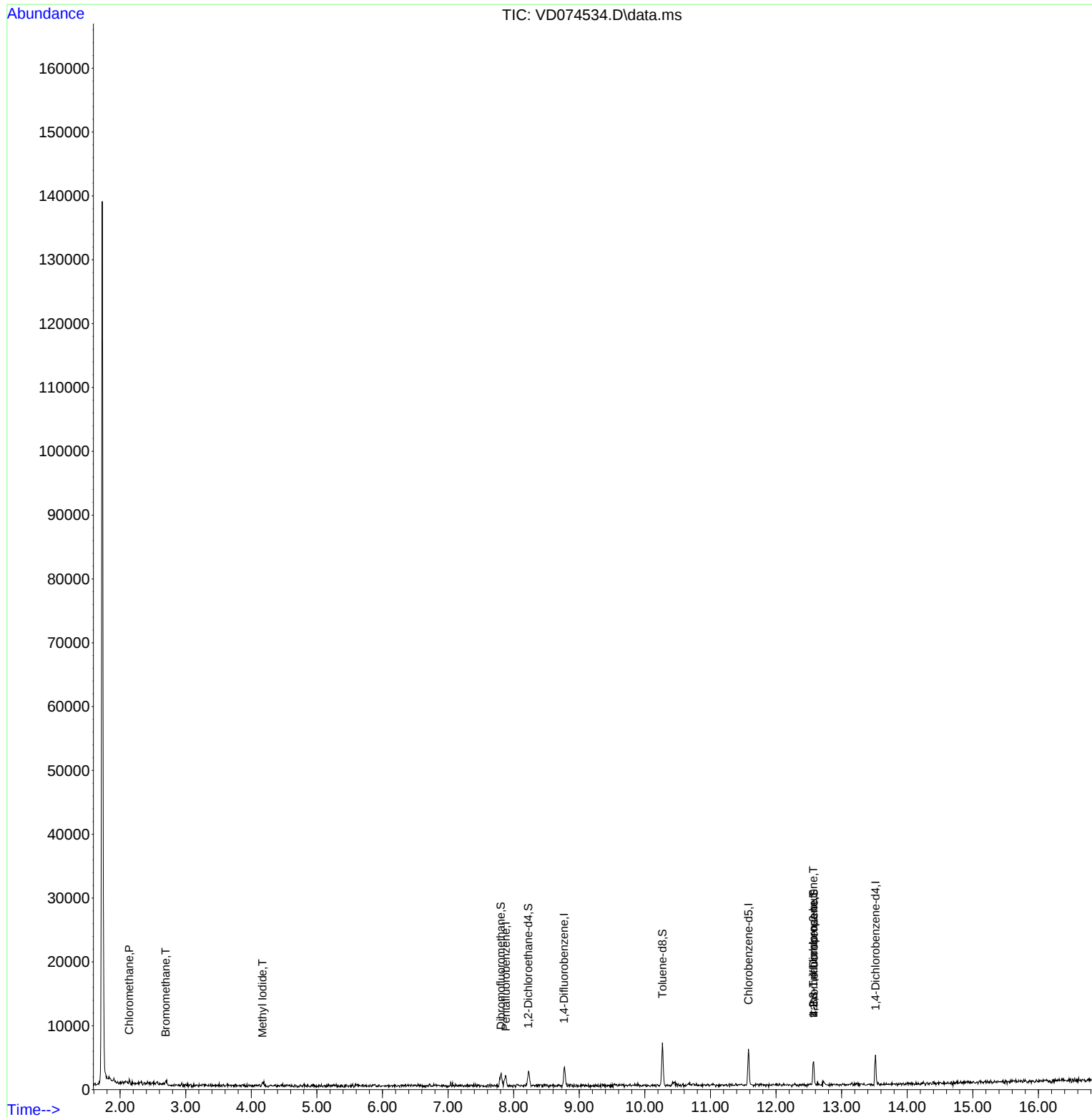
Internal Standards						
1) Pentafluorobenzene	7.881	168	2198	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.769	114	3757	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	3810	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	1576	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	2074	109.623	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 219.240%#	
35) Dibromofluoromethane	7.804	113	1670	75.180	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 150.360%#	
50) Toluene-d8	10.269	98	5202	60.121	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 120.240%	
62) 4-Bromofluorobenzene	12.575	95	1784	69.689	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 139.380%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.140	50	499	18.867	ug/l #	83
5) Bromomethane	2.693	94	381	19.629	ug/l #	67
10) Methyl Iodide	4.169	142	849	25.264	ug/l #	43
20) Methylene Chloride	4.799	84	61	Below Cal	#	18
76) 1,2,3-Trichloropropane	12.569	75	694	51.527	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.569	75	694	130.704	ug/l #	17

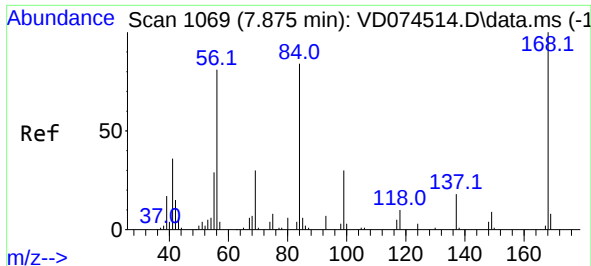
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 14 01:32:23 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101122S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 12 13:14:00 2022
Response via : Initial Calibration

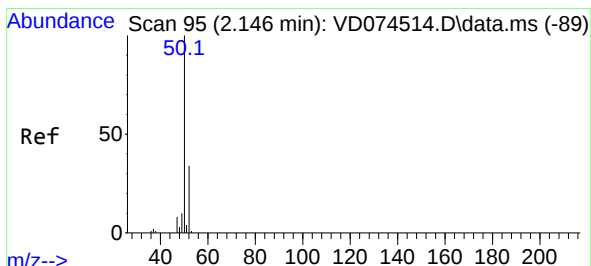
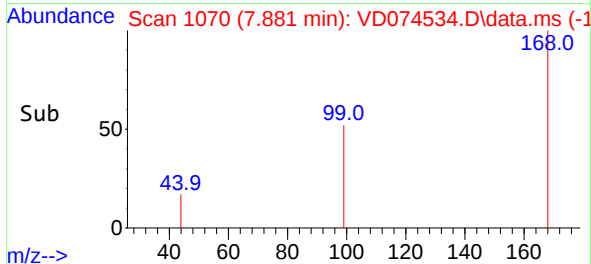
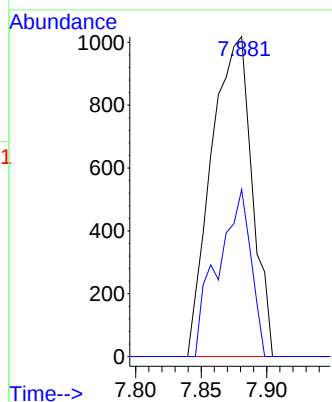
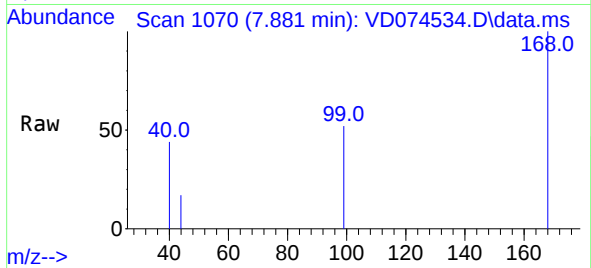




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD074534.D
Acq: 13 Oct 2022 17:55

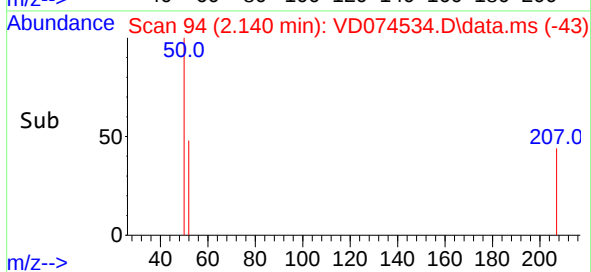
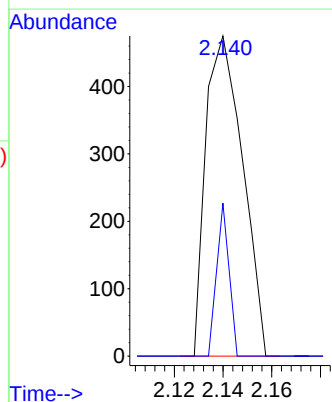
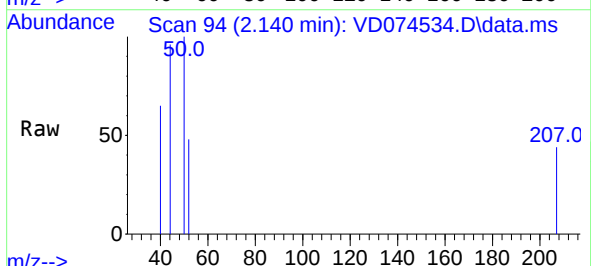
Instrument :
MSVOA_D
ClientSampleId :
WC-10

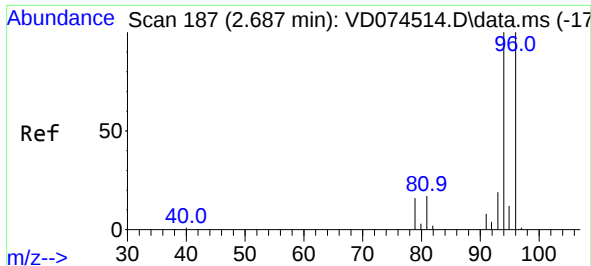
Tgt Ion:168 Resp: 2198
Ion Ratio Lower Upper
168 100
99 52.2 40.9 61.3



#3
Chloromethane
Concen: 18.867 ug/l
RT: 2.140 min Scan# 94
Delta R.T. -0.000 min
Lab File: VD074534.D
Acq: 13 Oct 2022 17:55

Tgt Ion: 50 Resp: 499
Ion Ratio Lower Upper
50 100
52 47.8 30.0 45.0#

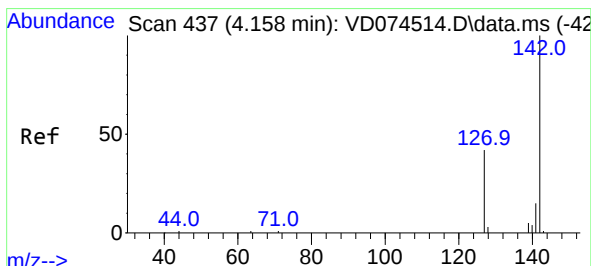
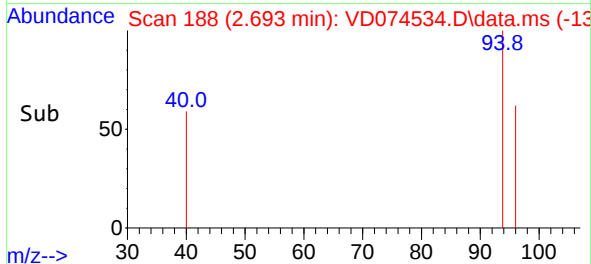
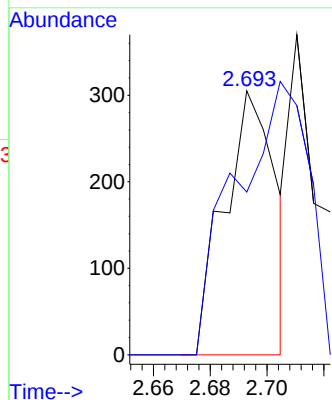
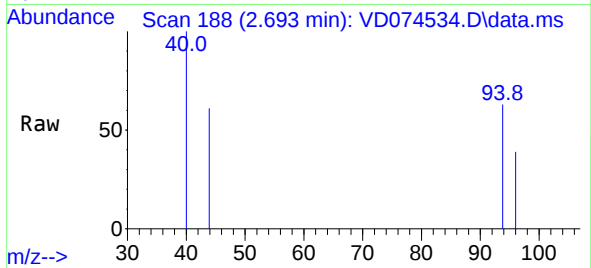




#5
Bromomethane
Concen: 19.629 ug/l
RT: 2.693 min Scan# 11
Delta R.T. 0.012 min
Lab File: VD074534.D
Acq: 13 Oct 2022 17:55

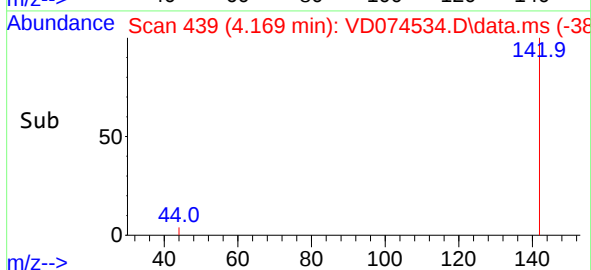
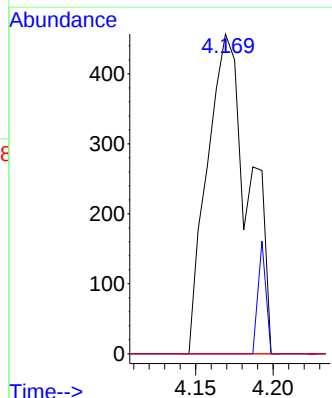
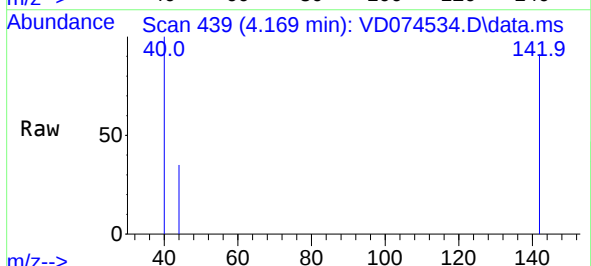
Instrument :
MSVOA_D
ClientSampleId :
WC-10

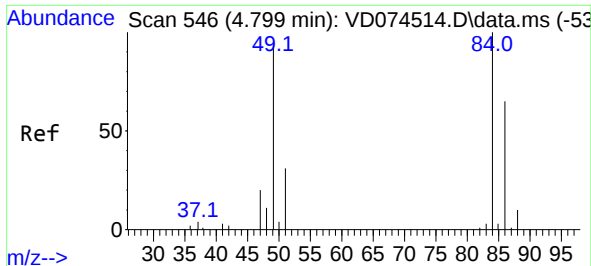
Tgt Ion: 94 Resp: 381
Ion Ratio Lower Upper
94 100
96 61.6 74.6 112.0#



#10
Methyl Iodide
Concen: 25.264 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.011 min
Lab File: VD074534.D
Acq: 13 Oct 2022 17:55

Tgt Ion:142 Resp: 849
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#



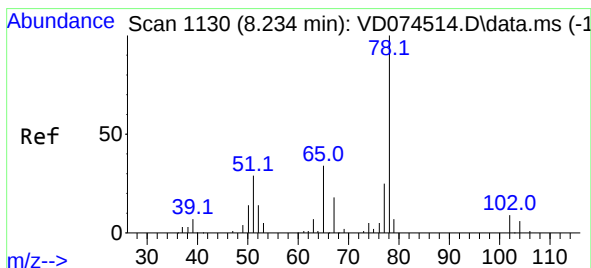
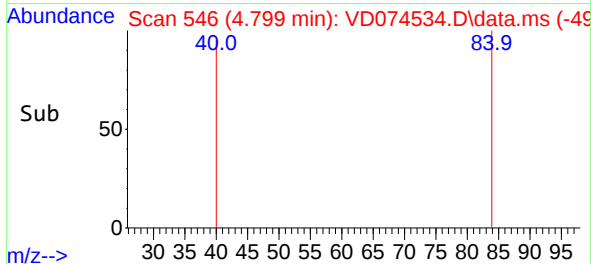
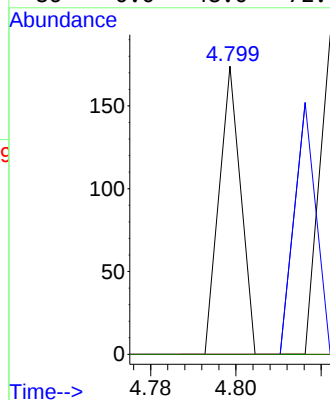
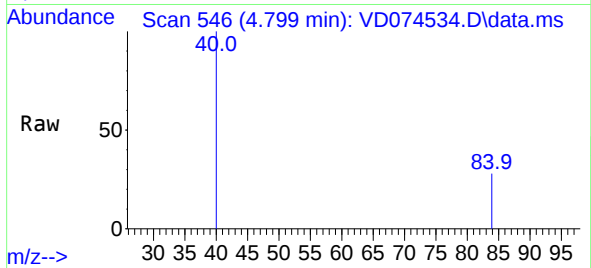


#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD074534.D
Acq: 13 Oct 2022 17:55

Instrument :
MSVOA_D
ClientSampleId :
WC-10

Tgt Ion: 84 Resp: 61

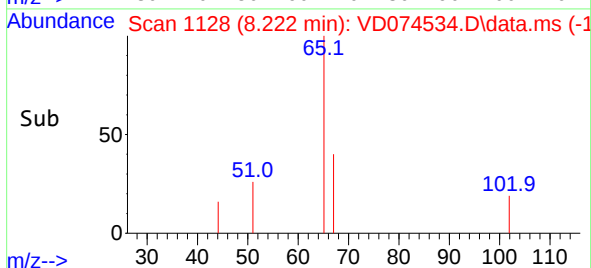
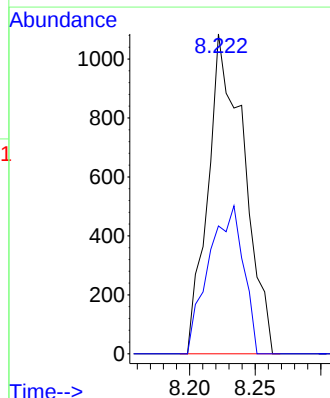
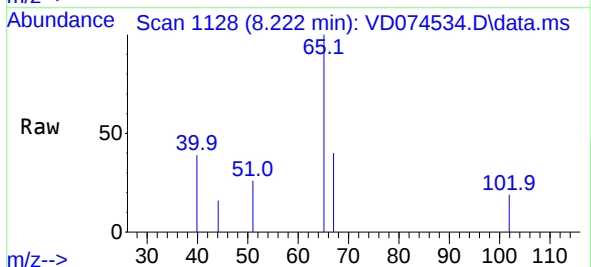
Ion	Ratio	Lower	Upper
84	100		
49	0.0	68.0	102.0#
51	0.0	23.2	34.8#
86	0.0	48.0	72.0#

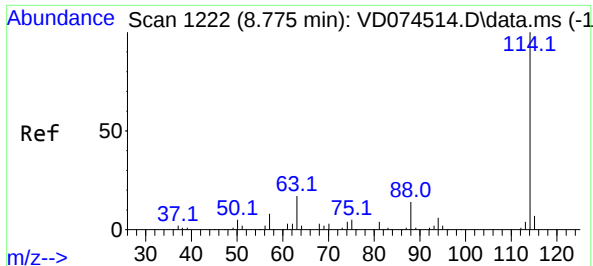


#33
1,2-Dichloroethane-d4
Concen: 109.623 ug/l
RT: 8.222 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VD074534.D
Acq: 13 Oct 2022 17:55

Tgt Ion: 65 Resp: 2074

Ion	Ratio	Lower	Upper
65	100		
67	44.6	0.0	110.2

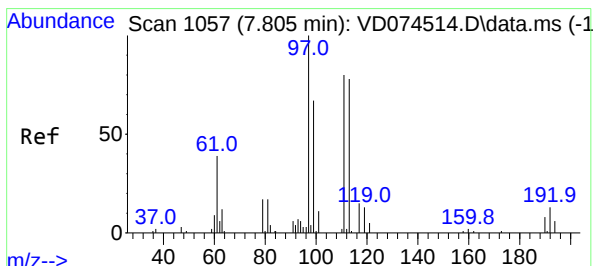
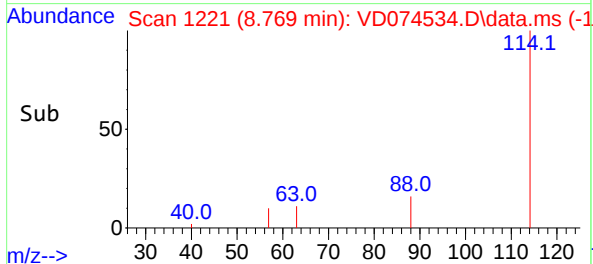
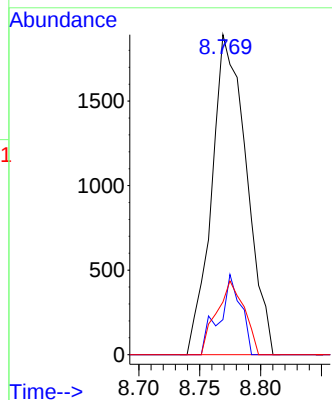
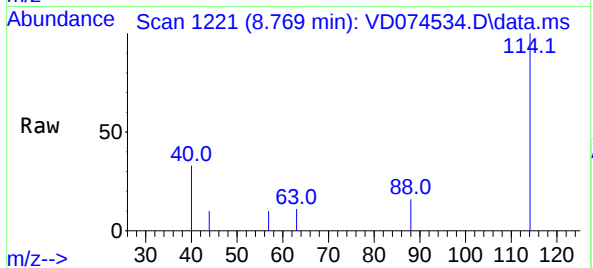




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.769 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD074534.D
Acq: 13 Oct 2022 17:55

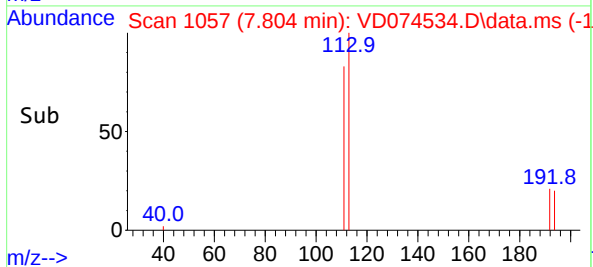
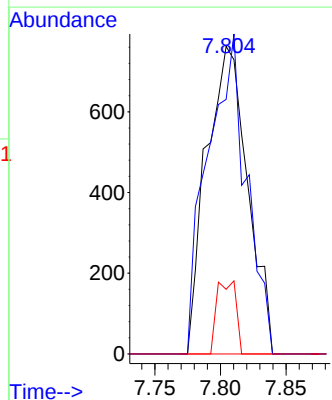
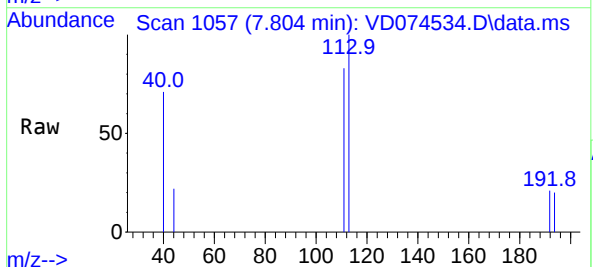
Instrument :
MSVOA_D
ClientSampleId :
WC-10

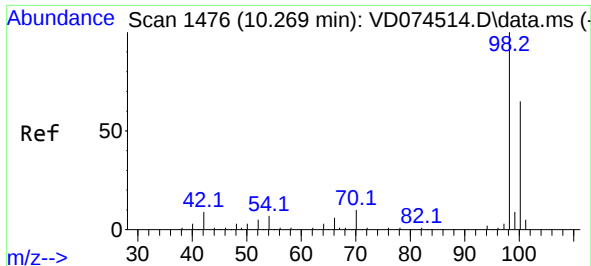
Tgt Ion:114 Resp: 3757
Ion Ratio Lower Upper
114 100
63 10.9 0.0 33.2
88 16.4 0.0 28.2



#35
Dibromofluoromethane
Concen: 75.180 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD074534.D
Acq: 13 Oct 2022 17:55

Tgt Ion:113 Resp: 1670
Ion Ratio Lower Upper
113 100
111 97.7 82.3 123.5
192 11.0 16.4 24.6#

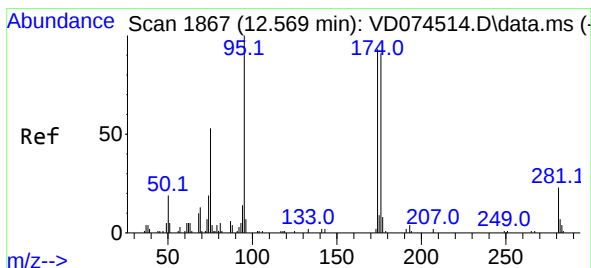
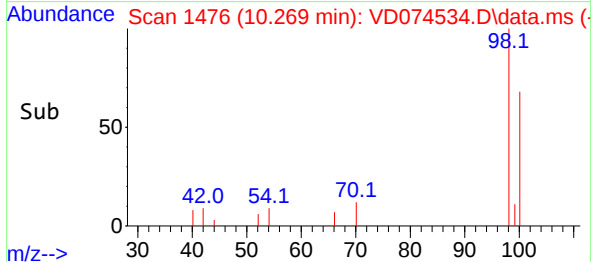
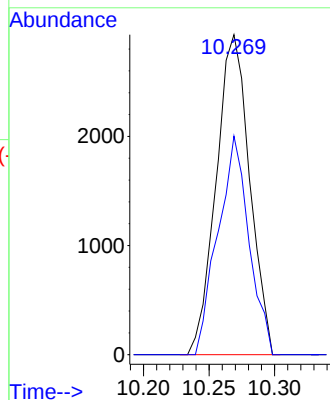
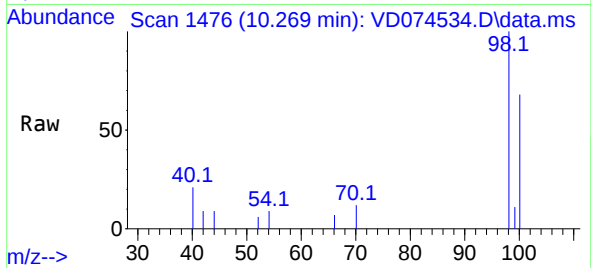




#50
Toluene-d8
Concen: 60.121 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074534.D
Acq: 13 Oct 2022 17:55

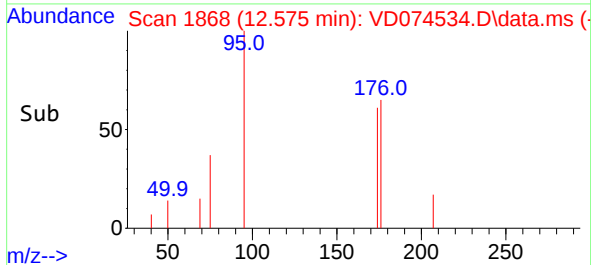
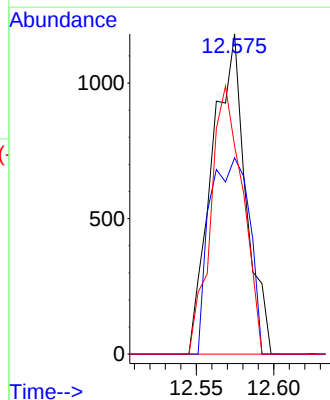
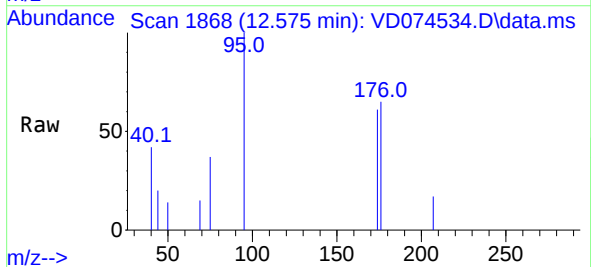
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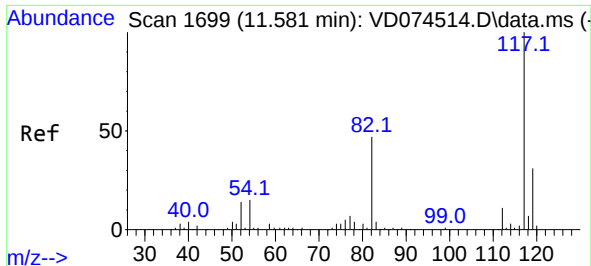
Tgt Ion: 98 Resp: 5202
Ion Ratio Lower Upper
98 100
100 63.4 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 69.689 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD074534.D
Acq: 13 Oct 2022 17:55

Tgt Ion: 95 Resp: 1784
Ion Ratio Lower Upper
95 100
174 72.0 0.0 197.0
176 79.3 0.0 182.6

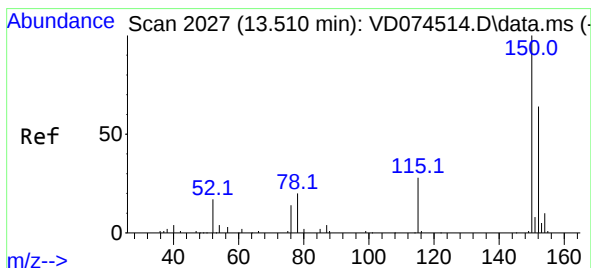
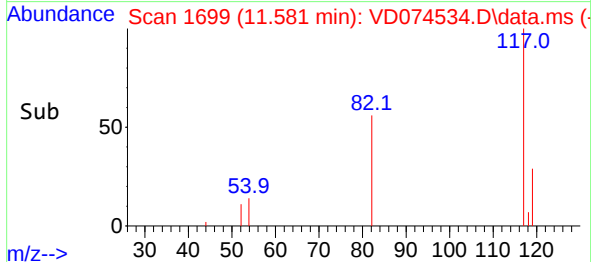
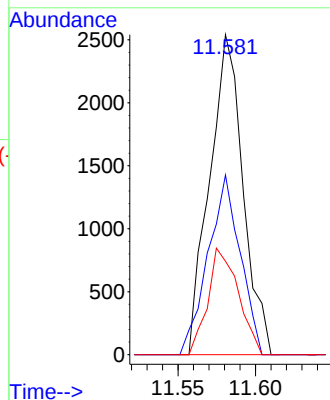
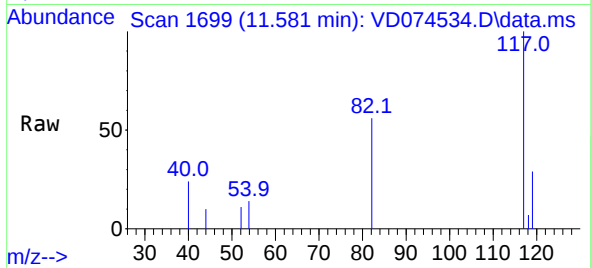




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074534.D
Acq: 13 Oct 2022 17:55

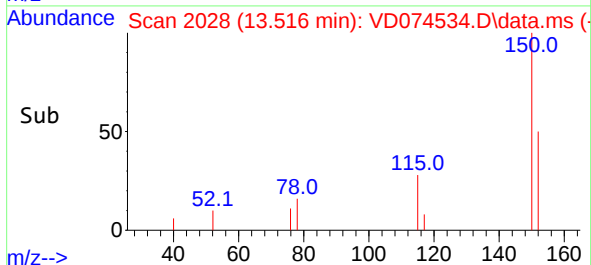
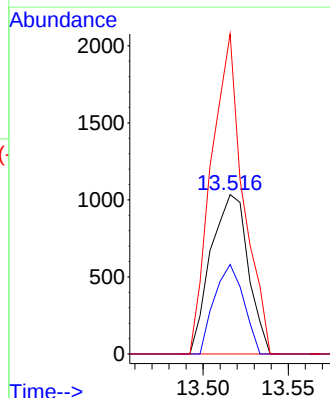
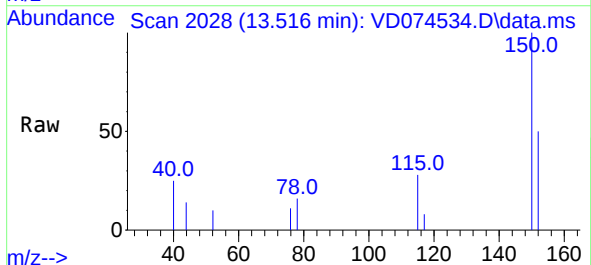
Instrument :
MSVOA_D
ClientSampleId :
WC-10

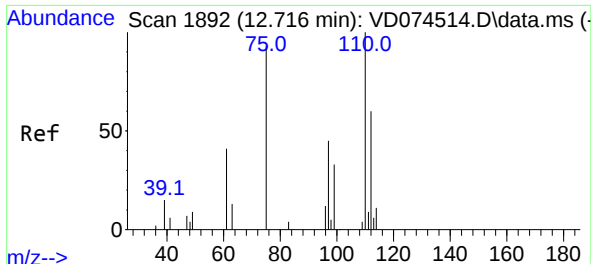
Tgt Ion:117	Resp:	3810
Ion	Ratio	Lower Upper
117	100	
82	56.2	41.6 62.4
119	29.2	25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD074534.D
Acq: 13 Oct 2022 17:55

Tgt Ion:152	Resp:	1576
Ion	Ratio	Lower Upper
152	100	
115	44.0	26.8 80.4
150	172.0	0.0 348.2

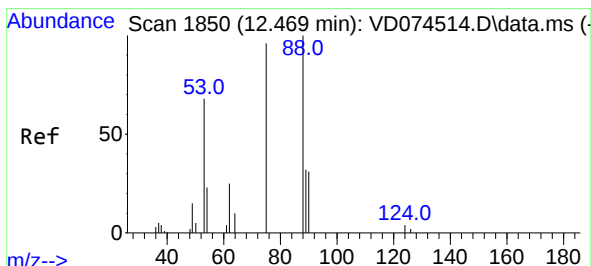
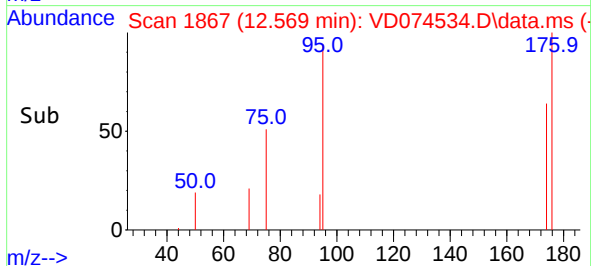
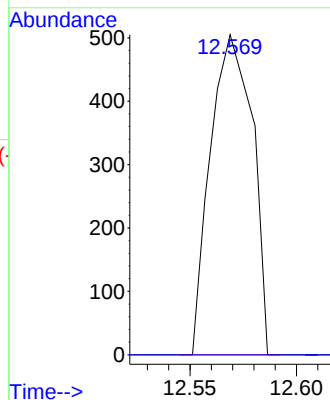
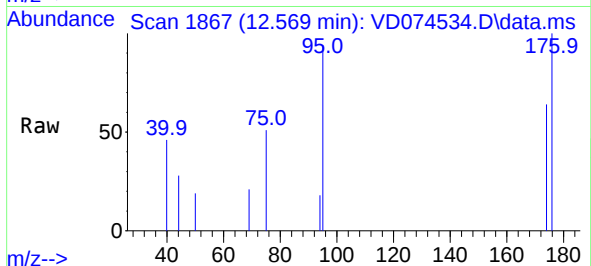




#76
1,2,3-Trichloropropane
Concen: 51.527 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.147 min
Lab File: VD074534.D
Acq: 13 Oct 2022 17:55

Instrument :
MSVOA_D
ClientSampleId :
WC-10

Tgt Ion: 75 Resp: 694
Ion Ratio Lower Upper
75 100
77 0.0 185.8 557.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 130.704 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.106 min
Lab File: VD074534.D
Acq: 13 Oct 2022 17:55

Tgt Ion: 75 Resp: 694
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#

