

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101722\
 Data File : VD074548.D
 Acq On : 17 Oct 2022 16:51
 Operator : VA/SY
 Sample : N5111-01
 Misc : 6.69G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-3

Quant Time: Oct 17 23:09:34 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)

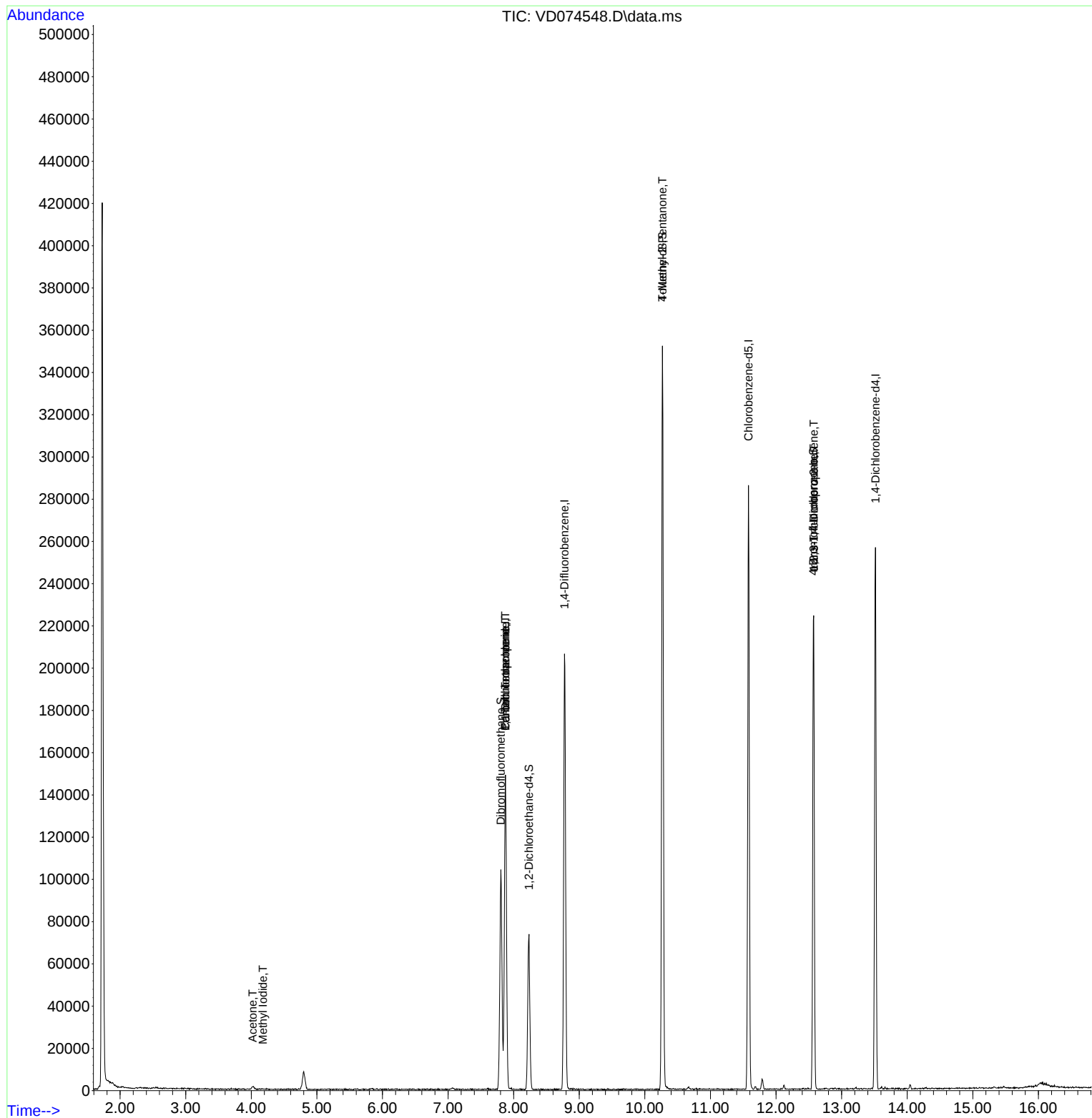
Internal Standards						
1) Pentafluorobenzene	7.875	168	121904	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	199896	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	173869	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	73670	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	57835	55.118	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.240%	
35) Dibromofluoromethane	7.804	113	72256	60.592	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 121.180%	
50) Toluene-d8	10.269	98	257161	55.982	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.960%	
62) 4-Bromofluorobenzene	12.569	95	71763	51.186	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.380%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.175	142	75	5.347	ug/l #	43
16) Acetone	4.022	43	2463	10.882	ug/l	94
20) Methylene Chloride	4.793	84	6888	Below Cal	#	95
36) 1,1-Dichloropropene	7.875	75	8305	4.329	ug/l #	45
38) Carbon Tetrachloride	7.875	117	12047	6.792	ug/l #	19
51) 4-Methyl-2-Pentanone	10.269	43	744	1.300	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	36058	57.272	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	36058	145.276	ug/l #	17

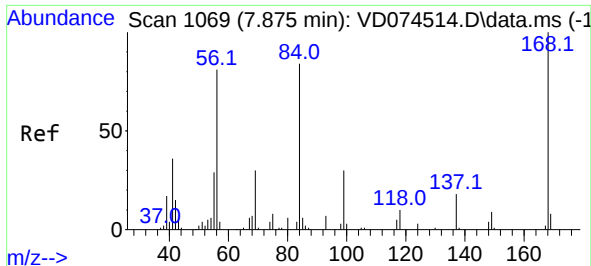
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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WC-3

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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

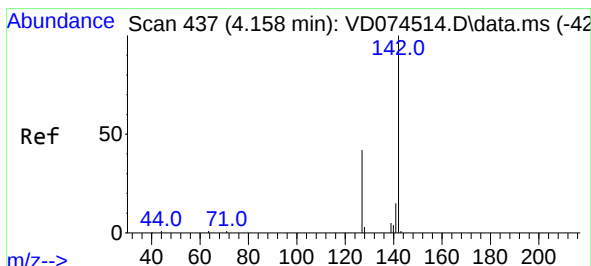
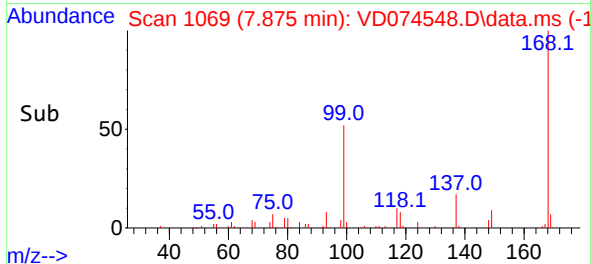
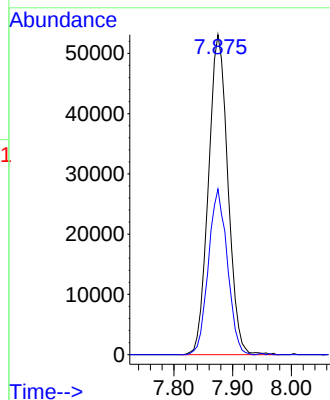
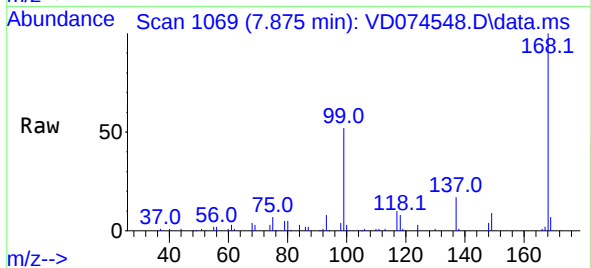




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074548.D
Acq: 17 Oct 2022 16:51

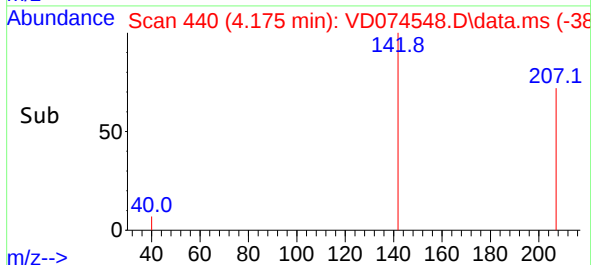
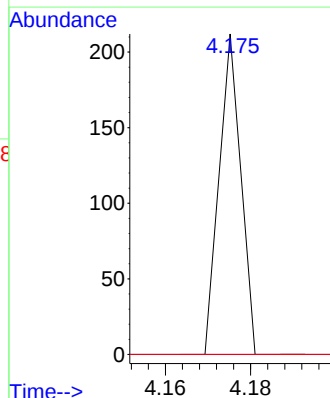
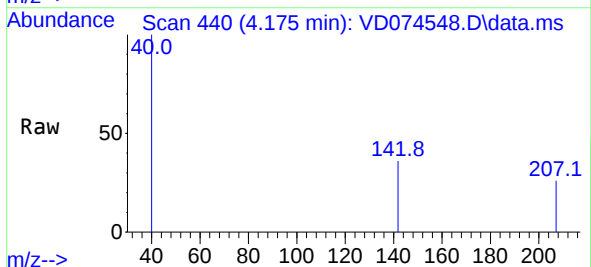
Instrument :
MSVOA_D
ClientSampleId :
WC-3

Tgt Ion:168 Resp: 121904
Ion Ratio Lower Upper
168 100
99 51.7 40.9 61.3

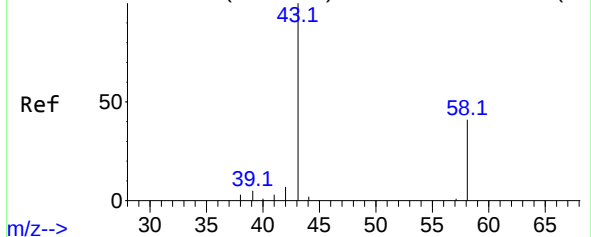


#10
Methyl Iodide
Concen: 5.347 ug/l
RT: 4.175 min Scan# 440
Delta R.T. 0.017 min
Lab File: VD074548.D
Acq: 17 Oct 2022 16:51

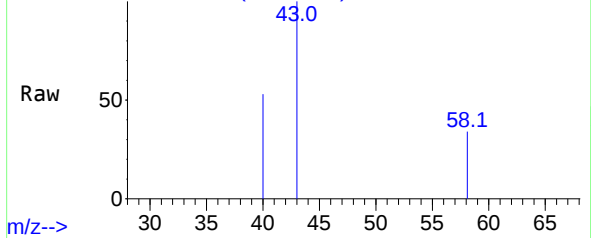
Tgt Ion:142 Resp: 75
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#



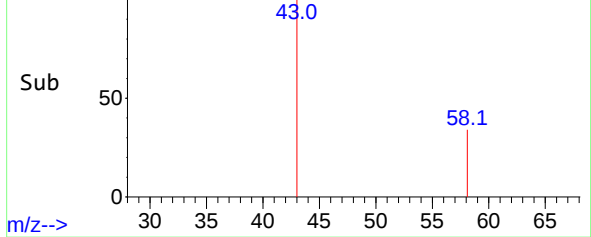
Abundance Scan 413 (4.016 min): VD074514.D\data.ms (-40



m/z--> Scan 414 (4.022 min): VD074548.D\data.ms



Abundance Scan 414 (4.022 min): VD074548.D\data.ms (-36



m/z-->

#16

Acetone

Concen: 10.882 ug/l

RT: 4.022 min Scan# 41

Delta R.T. 0.000 min

Lab File: VD074548.D

Acq: 17 Oct 2022 16:51

Instrument :

MSVOA_D

ClientSampleId :

WC-3

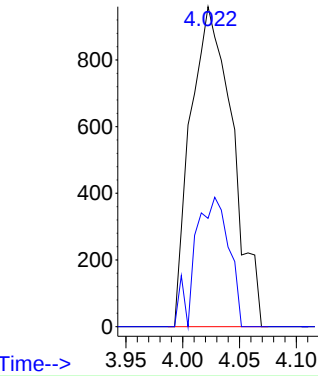
Tgt Ion: 43 Resp: 2463

Ion Ratio Lower Upper

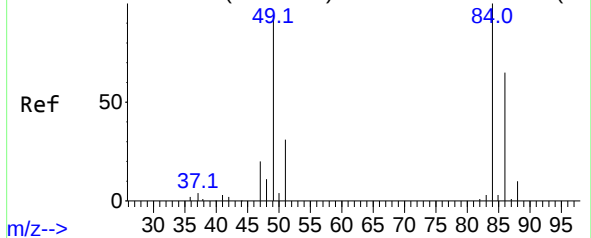
43 100

58 33.9 30.2 45.2

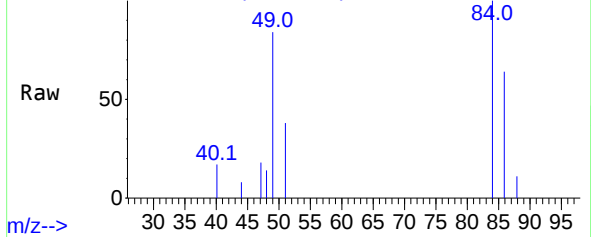
Abundance



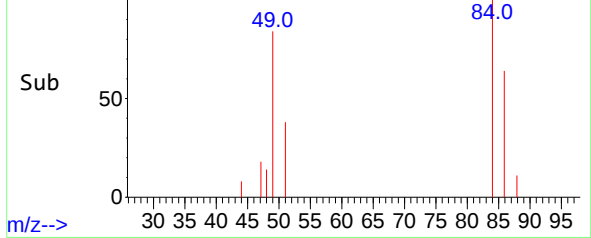
Abundance Scan 546 (4.799 min): VD074514.D\data.ms (-53



m/z--> Scan 545 (4.793 min): VD074548.D\data.ms



Abundance Scan 545 (4.793 min): VD074548.D\data.ms (-49



m/z-->

#20

Methylene Chloride

Concen: Below Cal

RT: 4.793 min Scan# 545

Delta R.T. -0.006 min

Lab File: VD074548.D

Acq: 17 Oct 2022 16:51

Tgt Ion: 84 Resp: 6888

Ion Ratio Lower Upper

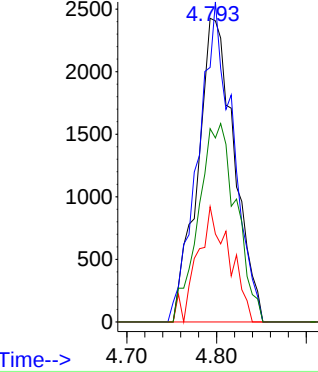
84 100

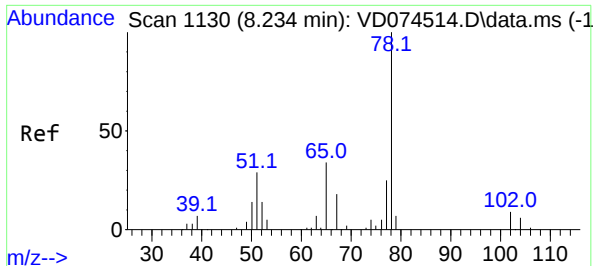
49 83.8 68.0 102.0

51 38.0 23.2 34.8#

86 63.6 48.0 72.0

Abundance





#33

1,2-Dichloroethane-d4

Concen: 55.118 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD074548.D

Acq: 17 Oct 2022 16:51

Instrument :

MSVOA_D

ClientSampleId :

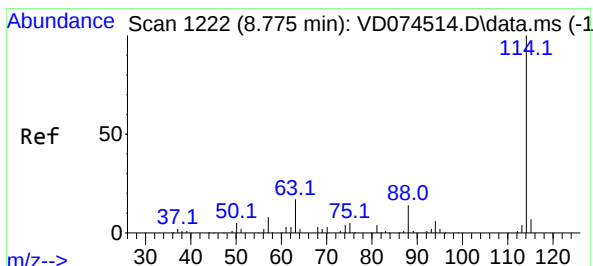
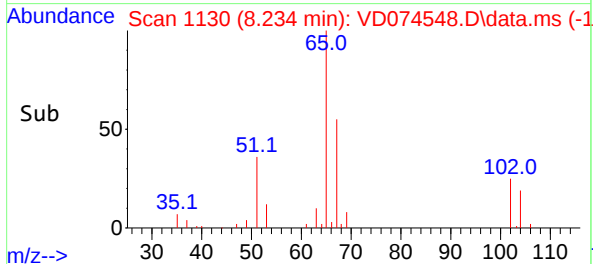
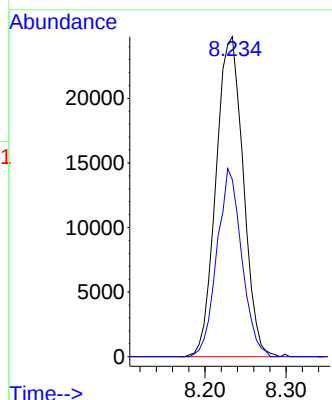
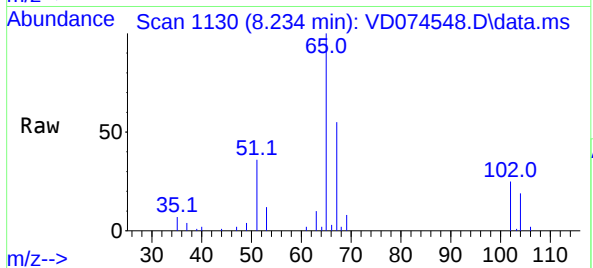
WC-3

Tgt Ion: 65 Resp: 57835

Ion Ratio Lower Upper

65 100

67 53.6 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD074548.D

Acq: 17 Oct 2022 16:51

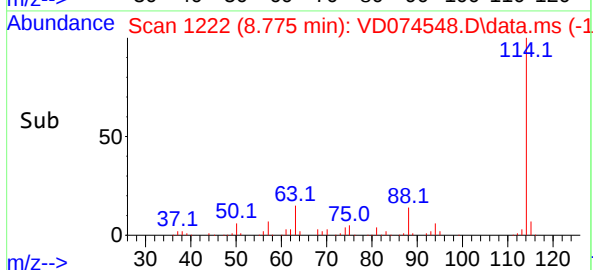
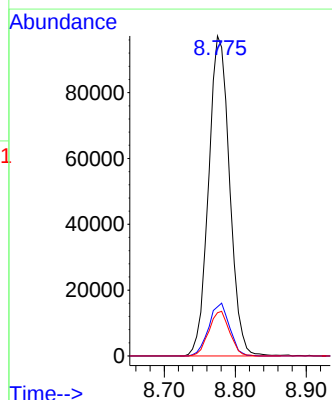
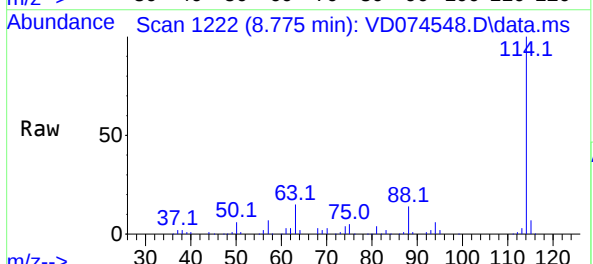
Tgt Ion: 114 Resp: 199896

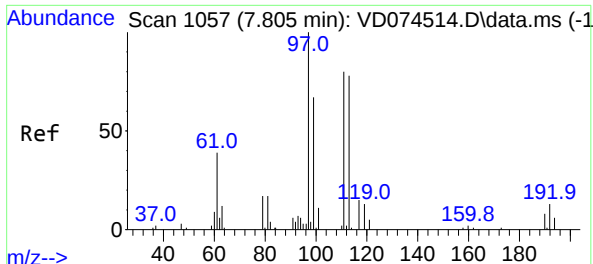
Ion Ratio Lower Upper

114 100

63 15.3 0.0 33.2

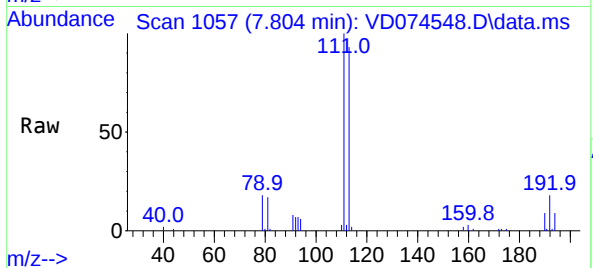
88 13.5 0.0 28.2



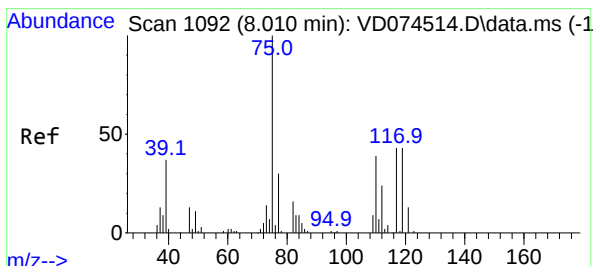
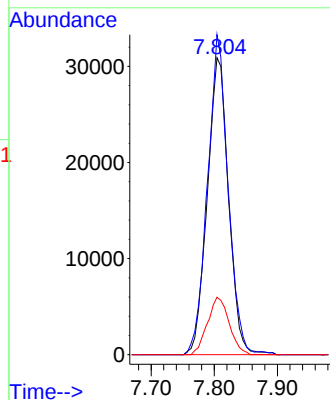
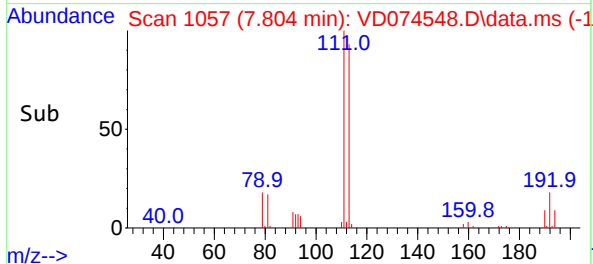


#35
Dibromofluoromethane
Concen: 60.592 ug/l
RT: 7.804 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074548.D
Acq: 17 Oct 2022 16:51

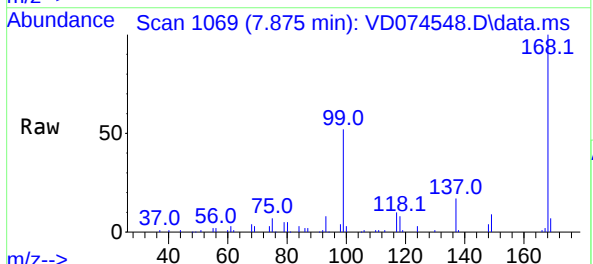
Instrument :
MSVOA_D
ClientSampleId :
WC-3



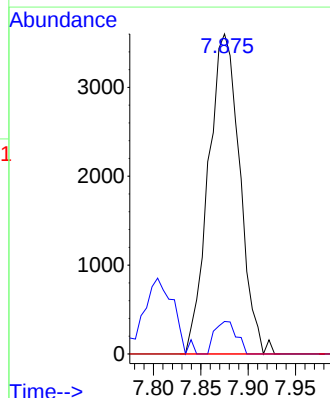
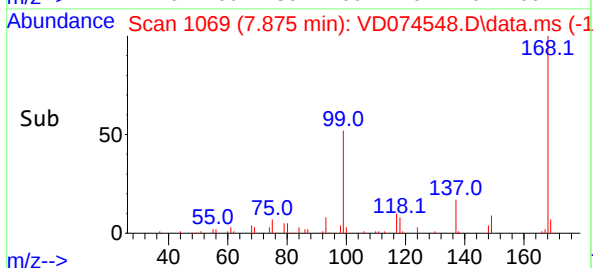
Tgt Ion:113 Resp: 72256
Ion Ratio Lower Upper
113 100
111 104.6 82.3 123.5
192 19.7 16.4 24.6

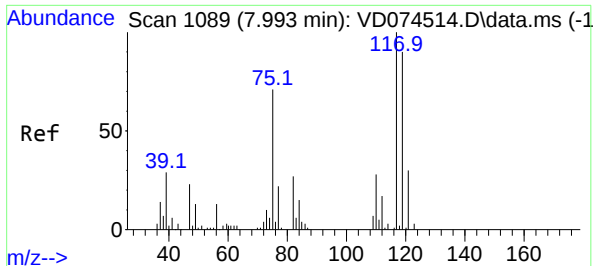


#36
1,1-Dichloropropene
Concen: 4.329 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.129 min
Lab File: VD074548.D
Acq: 17 Oct 2022 16:51



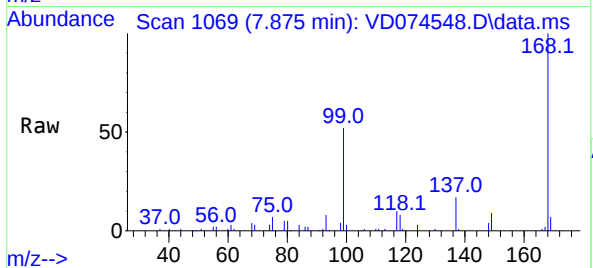
Tgt Ion: 75 Resp: 8305
Ion Ratio Lower Upper
75 100
110 7.1 19.7 59.0#
77 0.0 25.4 38.2#



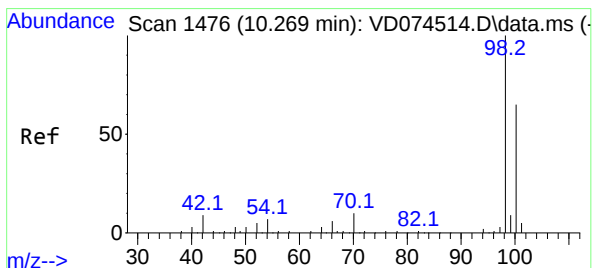
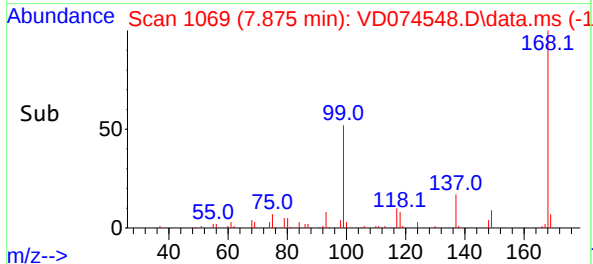
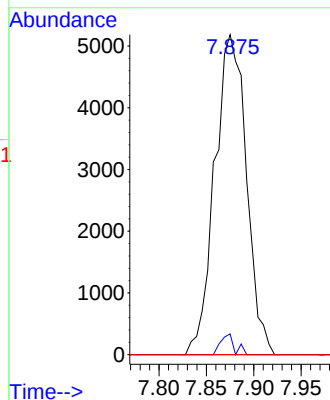


#38
Carbon Tetrachloride
Concen: 6.792 ug/l
RT: 7.875 min Scan# 1089
Delta R.T. -0.112 min
Lab File: VD074548.D
Acq: 17 Oct 2022 16:51

Instrument :
MSVOA_D
ClientSampleId :
WC-3

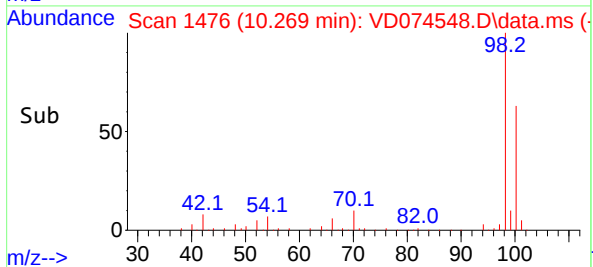
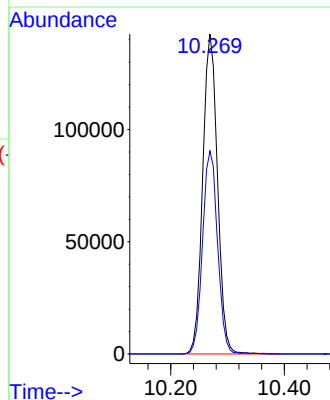
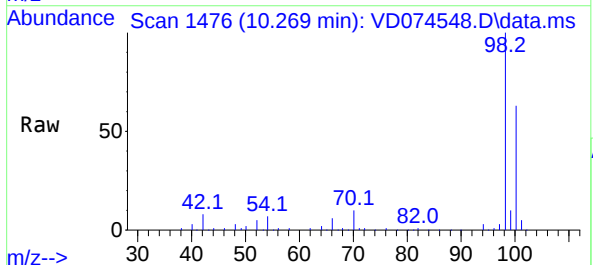


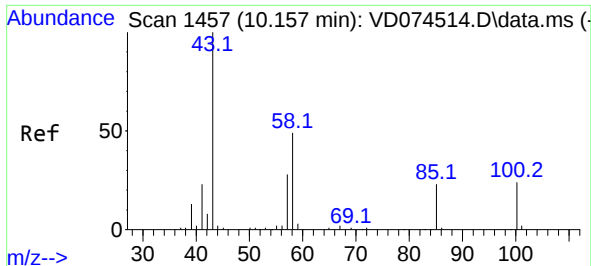
Tgt Ion:117 Resp: 12047
Ion Ratio Lower Upper
117 100
119 6.5 73.1 109.7#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 55.982 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074548.D
Acq: 17 Oct 2022 16:51

Tgt Ion: 98 Resp: 257161
Ion Ratio Lower Upper
98 100
100 64.4 51.4 77.0





#51

4-Methyl-2-Pentanone

Concen: 1.300 ug/l

RT: 10.269 min Scan# 1457

Delta R.T. 0.112 min

Lab File: VD074548.D

Acq: 17 Oct 2022 16:51

Instrument :

MSVOA_D

ClientSampleId :

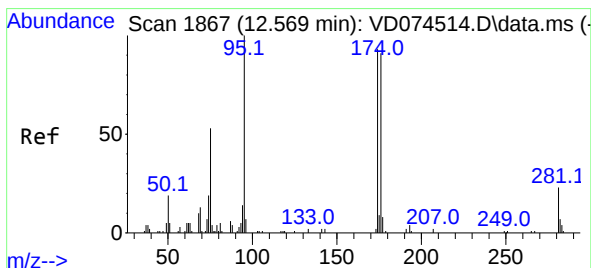
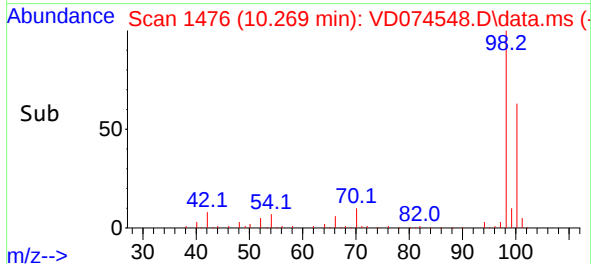
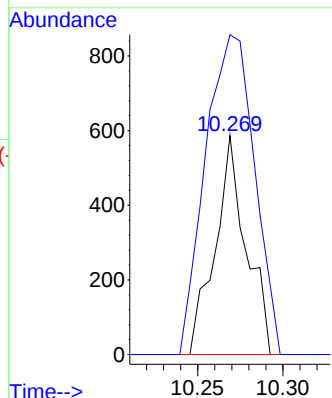
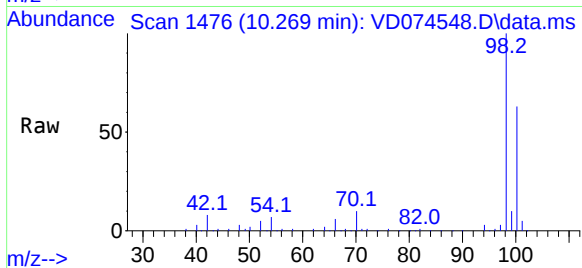
WC-3

Tgt Ion: 43 Resp: 744

Ion Ratio Lower Upper

43 100

58 230.8 37.8 56.6#



#62

4-Bromofluorobenzene

Concen: 51.186 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.000 min

Lab File: VD074548.D

Acq: 17 Oct 2022 16:51

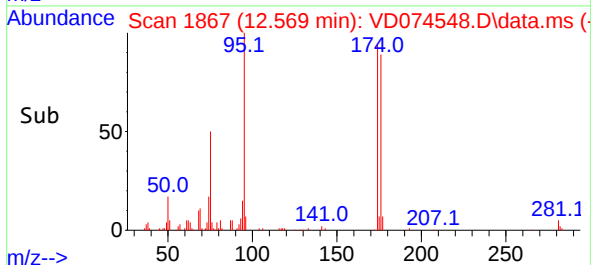
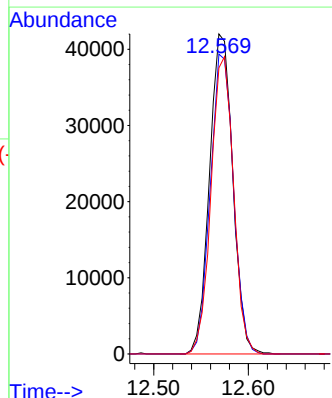
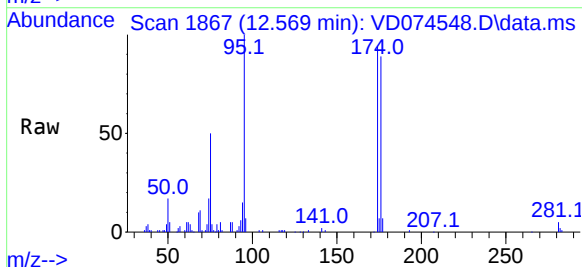
Tgt Ion: 95 Resp: 71763

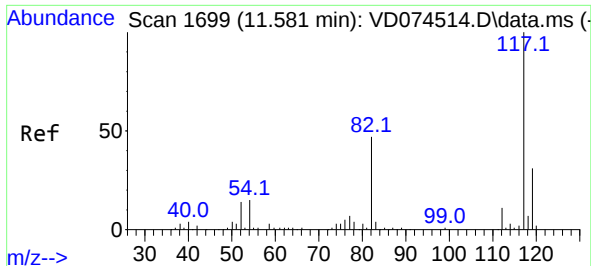
Ion Ratio Lower Upper

95 100

174 92.9 0.0 197.0

176 89.6 0.0 182.6

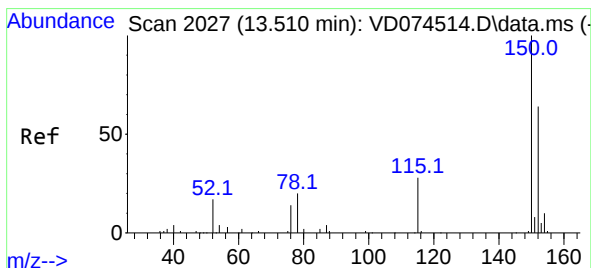
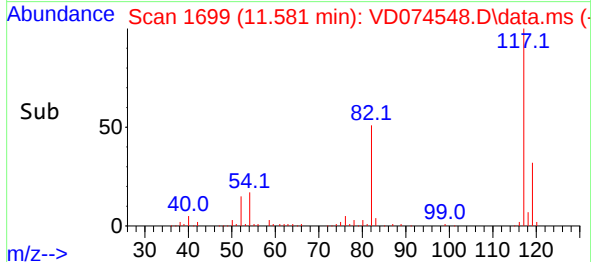
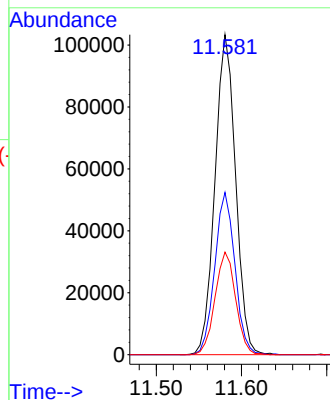
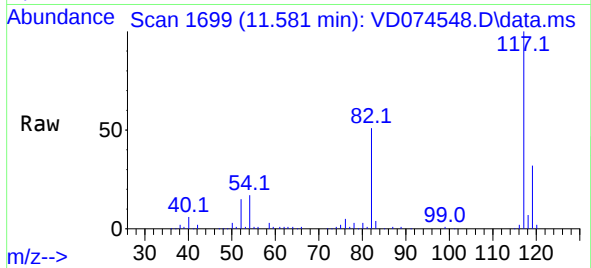




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074548.D
Acq: 17 Oct 2022 16:51

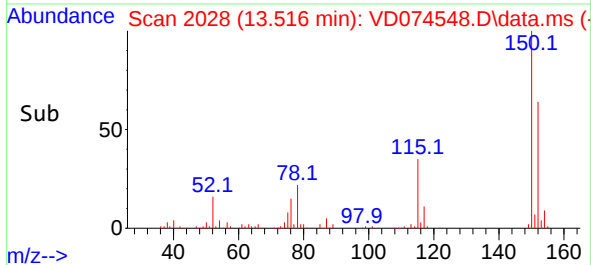
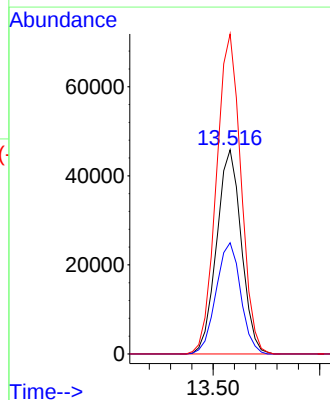
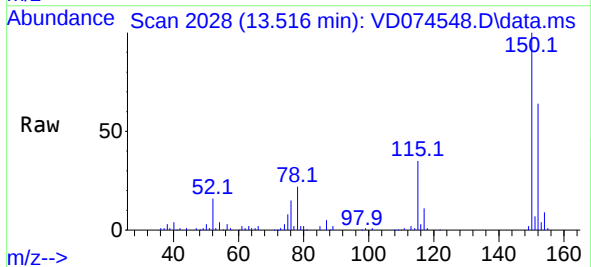
Instrument :
MSVOA_D
ClientSampleId :
WC-3

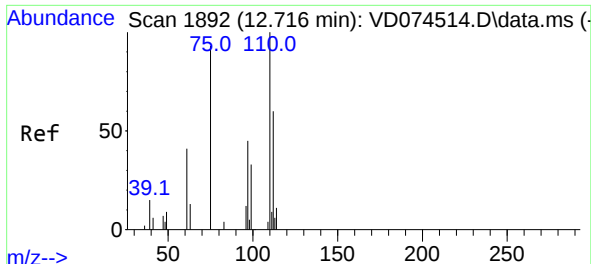
Tgt Ion:117 Resp: 173869
Ion Ratio Lower Upper
117 100
82 50.7 41.6 62.4
119 32.1 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD074548.D
Acq: 17 Oct 2022 16:51

Tgt Ion:152 Resp: 73670
Ion Ratio Lower Upper
152 100
115 54.4 26.8 80.4
150 156.0 0.0 348.2

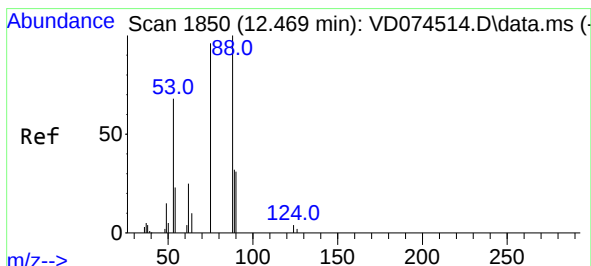
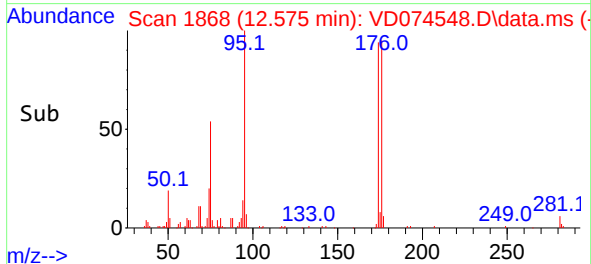
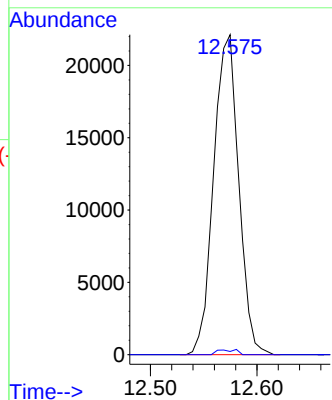
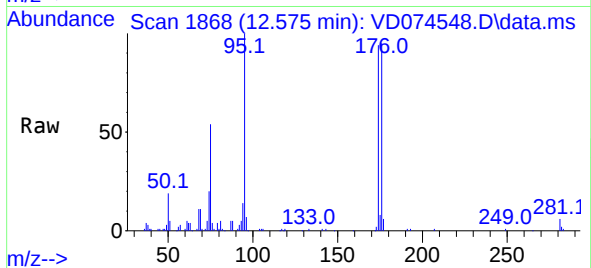




#76
1,2,3-Trichloropropane
Concen: 57.272 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.141 min
Lab File: VD074548.D
Acq: 17 Oct 2022 16:51

Instrument :
MSVOA_D
ClientSampleId :
WC-3

Tgt Ion: 75 Resp: 36058
Ion Ratio Lower Upper
75 100
77 1.2 185.8 557.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 145.276 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.112 min
Lab File: VD074548.D
Acq: 17 Oct 2022 16:51

Tgt Ion: 75 Resp: 36058
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#

