

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101222\
 Data File : VY010942.D
 Acq On : 12 Oct 2022 15:18
 Operator : KP/MD
 Sample : N5105-07
 Misc : 6.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-4

Quant Time: Oct 13 05:35:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

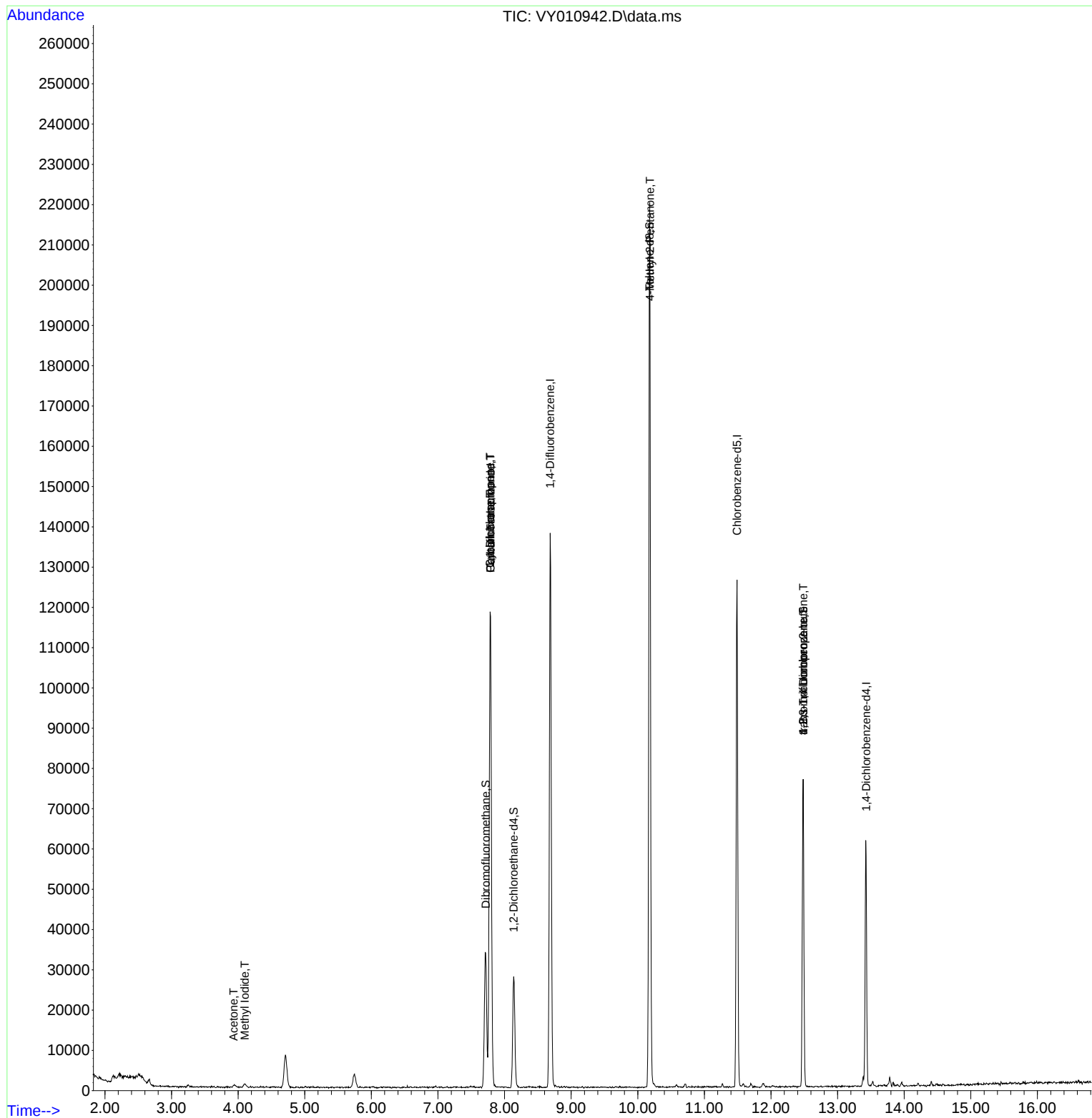
Internal Standards						
1) Pentafluorobenzene	7.789	168	94098	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	118303	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	70595	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	16041	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	21818	22.875	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	45.740%#
35) Dibromofluoromethane	7.716	113	24646	31.384	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	62.760%
50) Toluene-d8	10.179	98	149536	55.680	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	111.360%
62) 4-Bromofluorobenzene	12.483	95	23718	20.429	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	40.860%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.101	142	1441	1.183	ug/l	92
16) Acetone	3.930	43	1205	4.974	ug/l #	82
31) Cyclohexane	7.783	56	1885	1.104	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	7207	6.357	ug/l #	50
38) Carbon Tetrachloride	7.789	117	9508	8.052	ug/l #	16
51) 4-Methyl-2-Pentanone	10.185	43	605	1.098	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	11982	73.760	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	11982	154.078	ug/l #	7

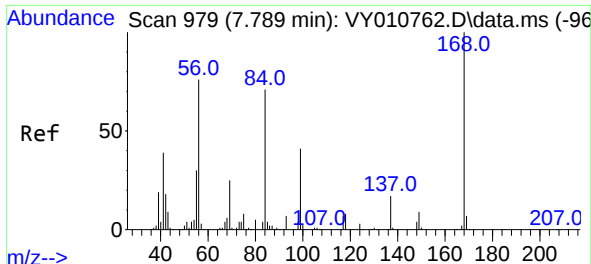
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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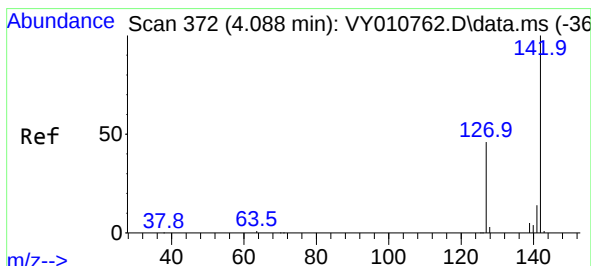
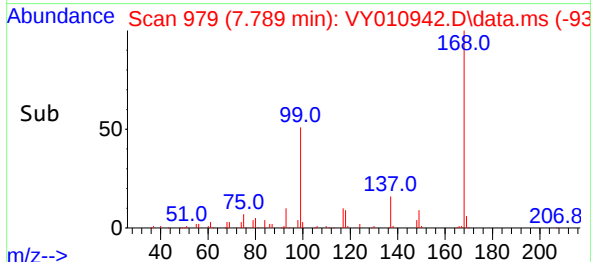
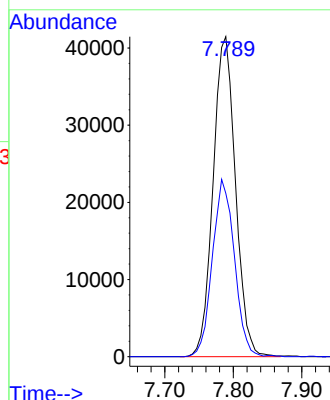
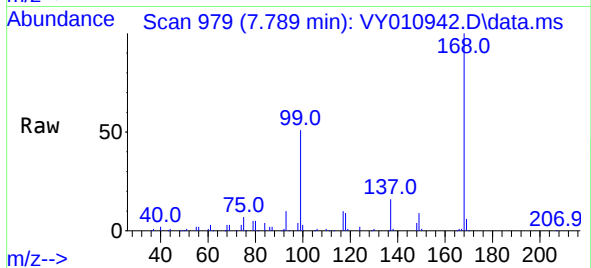




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY010942.D
Acq: 12 Oct 2022 15:18

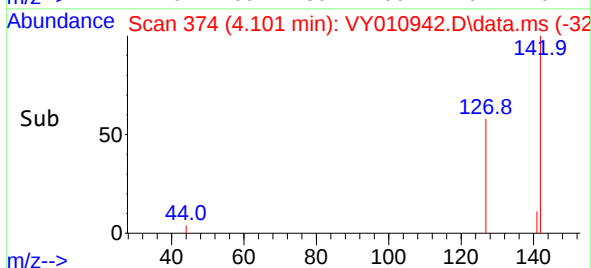
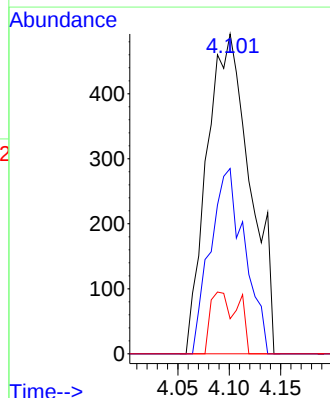
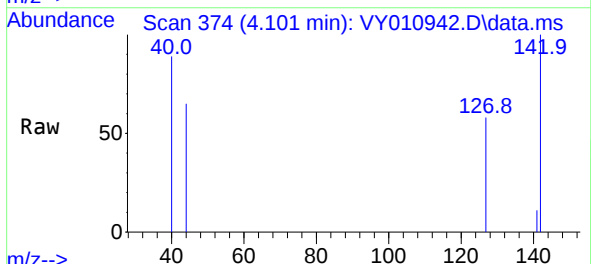
Instrument :
MSVOA_Y
ClientSampleId :
WC-4

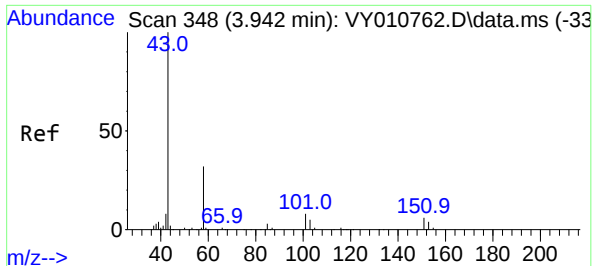
Tgt Ion:168 Resp: 94098
Ion Ratio Lower Upper
168 100
99 51.1 46.9 70.3



#10
Methyl Iodide
Concen: 1.183 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.013 min
Lab File: VY010942.D
Acq: 12 Oct 2022 15:18

Tgt Ion:142 Resp: 1441
Ion Ratio Lower Upper
142 100
127 46.2 41.5 62.3
141 12.3 11.9 17.9

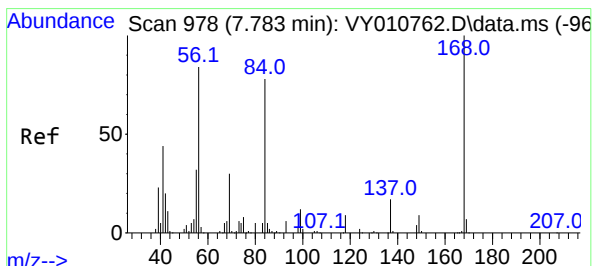
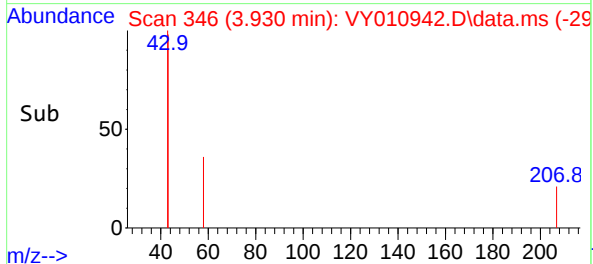
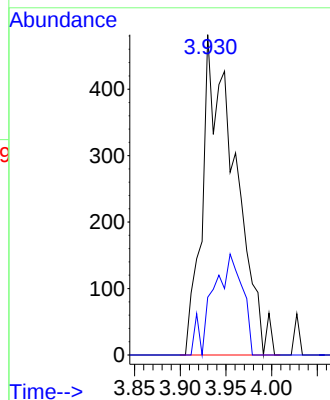
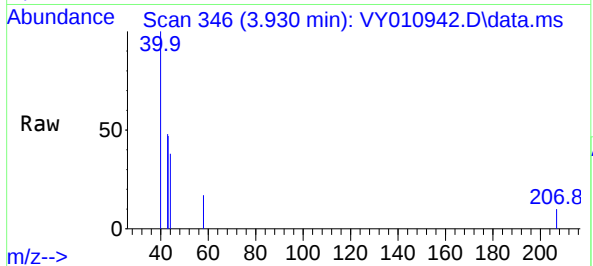




#16
Acetone
Concen: 4.974 ug/l
RT: 3.930 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY010942.D
Acq: 12 Oct 2022 15:18

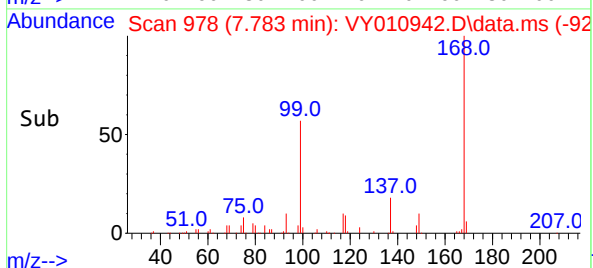
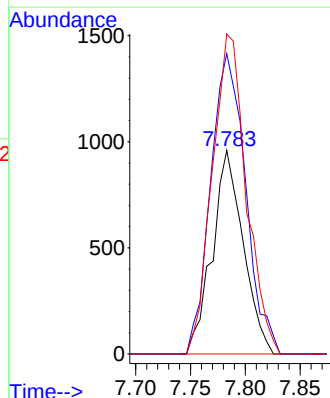
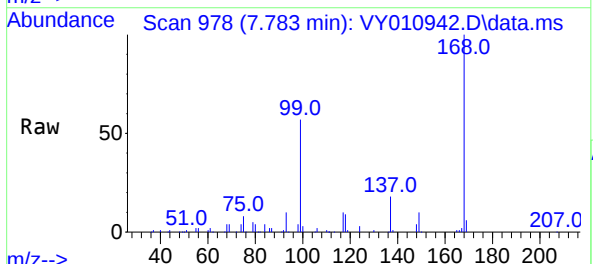
Instrument :
MSVOA_Y
ClientSampleId :
WC-4

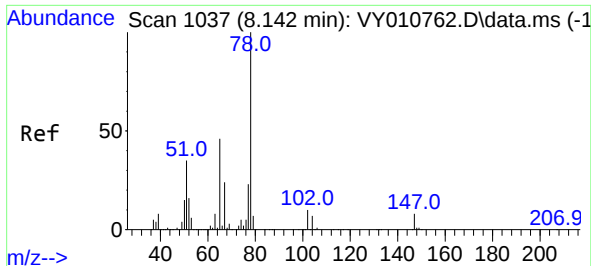
Tgt Ion: 43 Resp: 1205
Ion Ratio Lower Upper
43 100
58 18.0 22.0 33.0#



#31
Cyclohexane
Concen: 1.104 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.000 min
Lab File: VY010942.D
Acq: 12 Oct 2022 15:18

Tgt Ion: 56 Resp: 1885
Ion Ratio Lower Upper
56 100
69 147.5 26.7 40.1#
84 157.2 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 22.875 ug/l

RT: 8.137 min Scan# 1

Delta R.T. -0.005 min

Lab File: VY010942.D

Acq: 12 Oct 2022 15:18

Instrument :

MSVOA_Y

ClientSampleId :

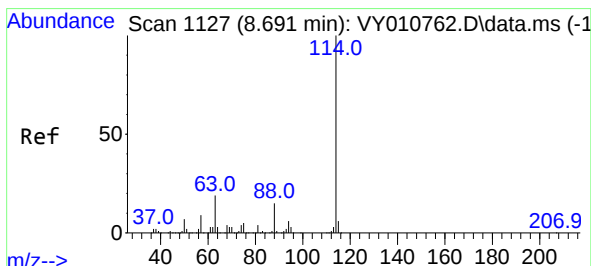
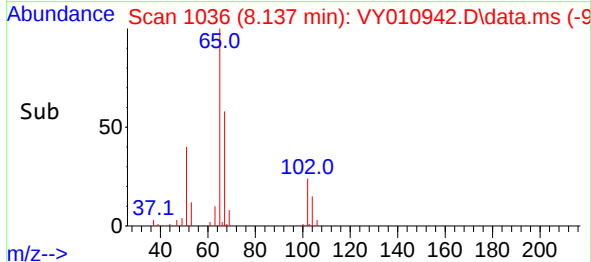
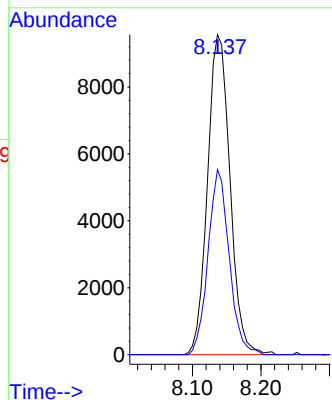
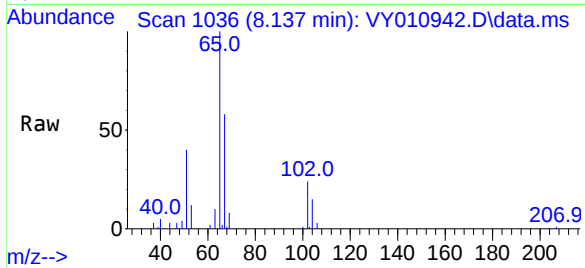
WC-4

Tgt Ion: 65 Resp: 21818

Ion Ratio Lower Upper

65 100

67 54.4 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY010942.D

Acq: 12 Oct 2022 15:18

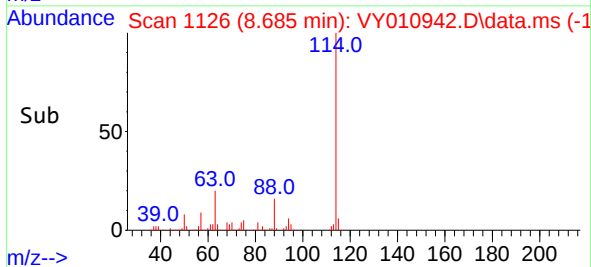
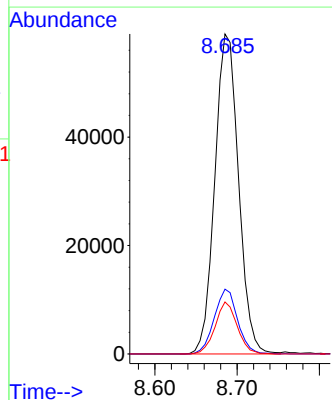
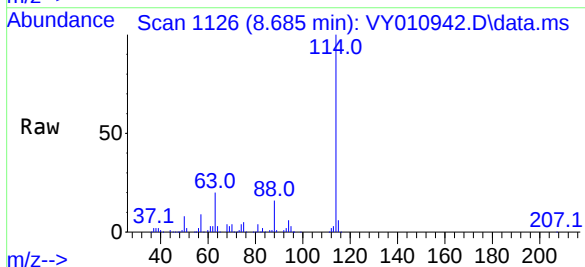
Tgt Ion:114 Resp: 118303

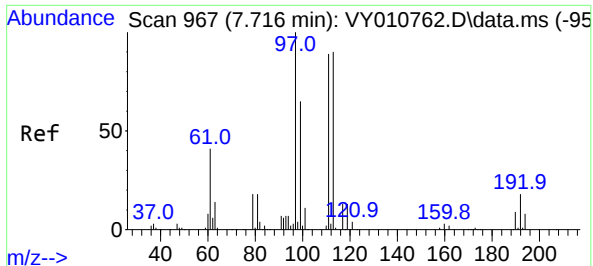
Ion Ratio Lower Upper

114 100

63 20.3 0.0 43.2

88 16.3 0.0 31.8

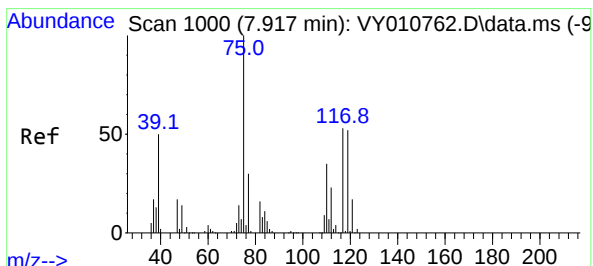
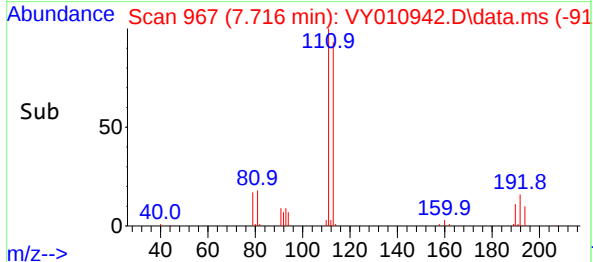
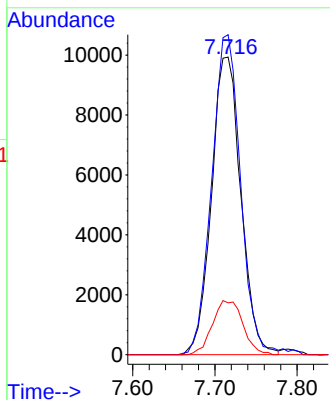
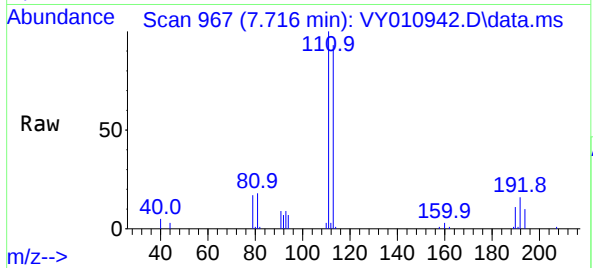




#35
Dibromofluoromethane
Concen: 31.384 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY010942.D
Acq: 12 Oct 2022 15:18

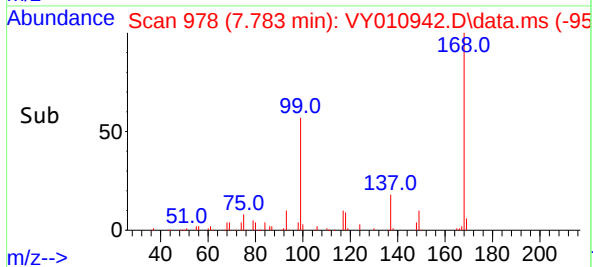
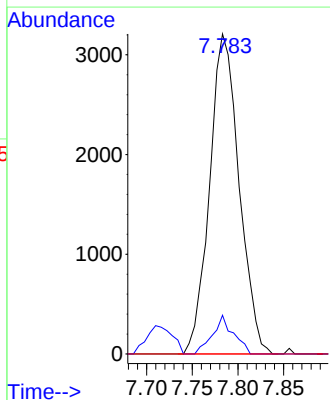
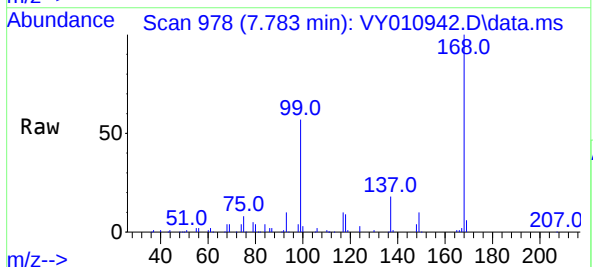
Instrument :
MSVOA_Y
ClientSampleId :
WC-4

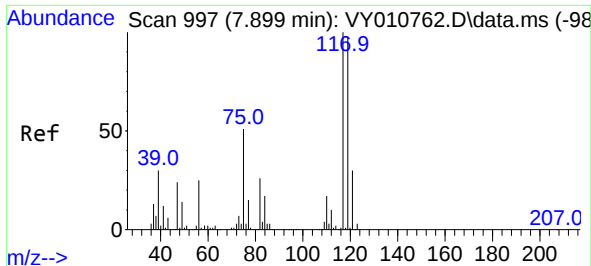
Tgt Ion:113 Resp: 24646
Ion Ratio Lower Upper
113 100
111 106.2 82.6 124.0
192 18.8 17.6 26.4



#36
1,1-Dichloropropene
Concen: 6.357 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY010942.D
Acq: 12 Oct 2022 15:18

Tgt Ion: 75 Resp: 7207
Ion Ratio Lower Upper
75 100
110 8.5 17.1 51.2#
77 0.0 24.4 36.6#

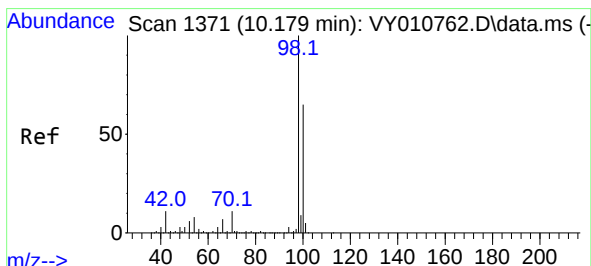
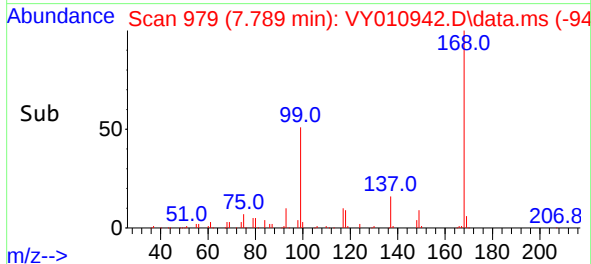
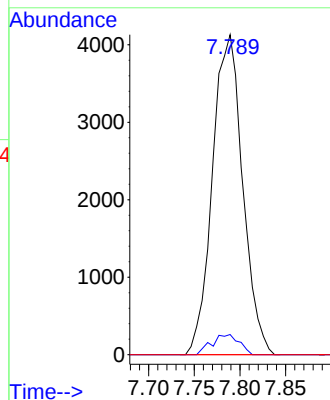
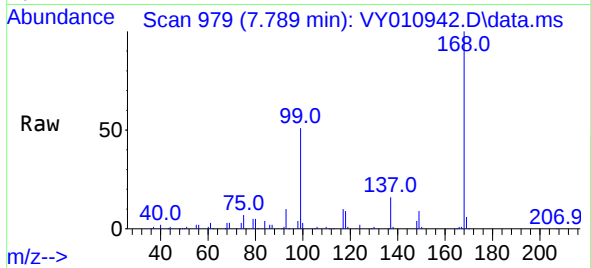




#38
Carbon Tetrachloride
Concen: 8.052 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY010942.D
Acq: 12 Oct 2022 15:18

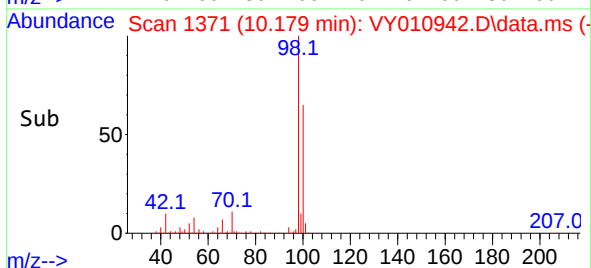
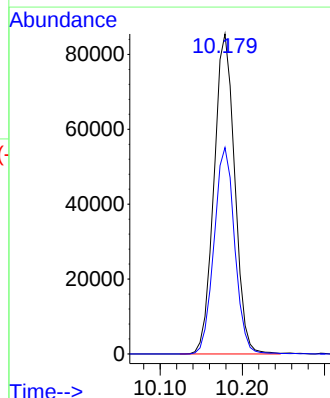
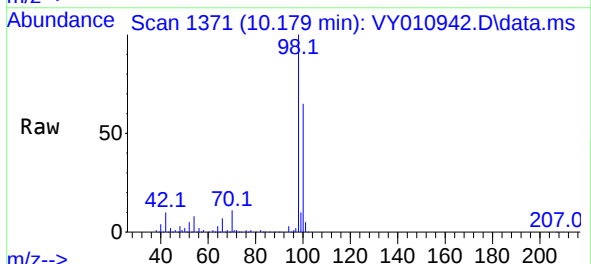
Instrument :
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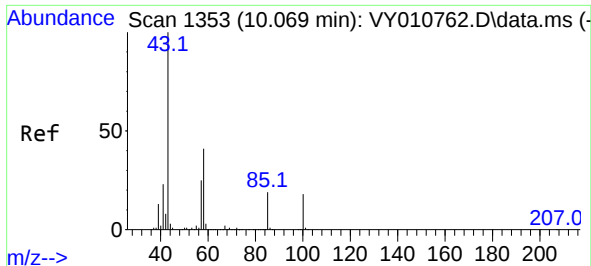
Tgt Ion:117 Resp: 9508
Ion Ratio Lower Upper
117 100
119 6.3 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 55.680 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010942.D
Acq: 12 Oct 2022 15:18

Tgt Ion: 98 Resp: 149536
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2

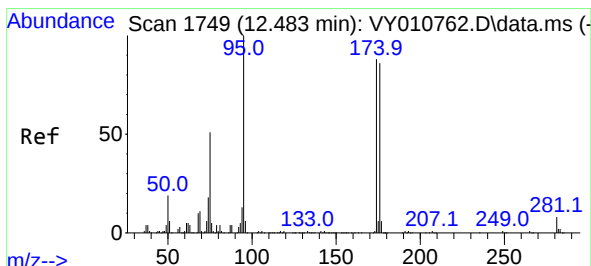
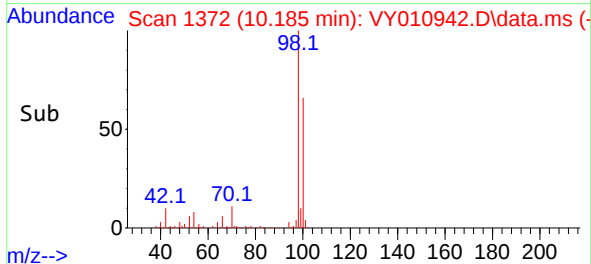
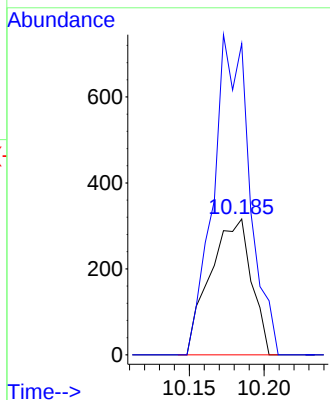
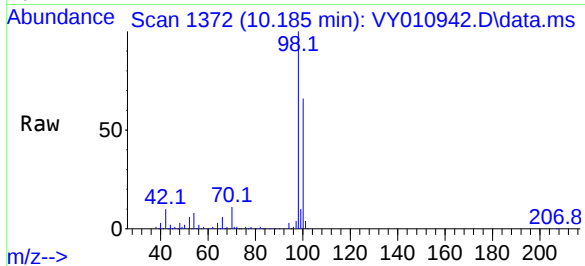




#51
4-Methyl-2-Pentanone
Concen: 1.098 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.116 min
Lab File: VY010942.D
Acq: 12 Oct 2022 15:18

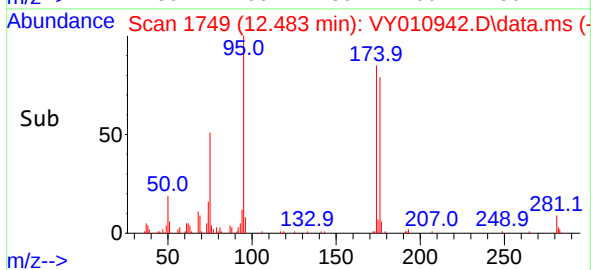
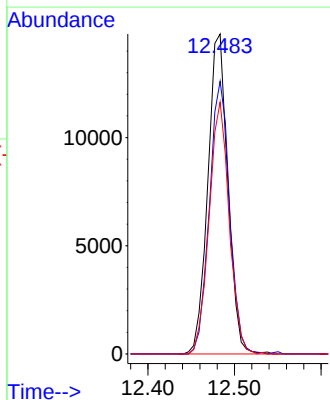
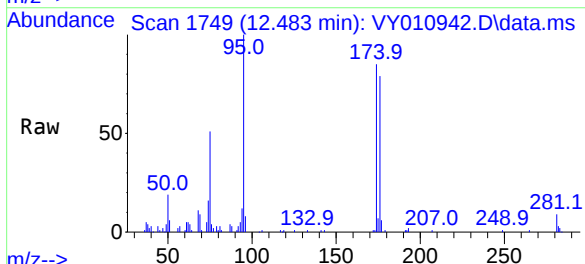
Instrument :
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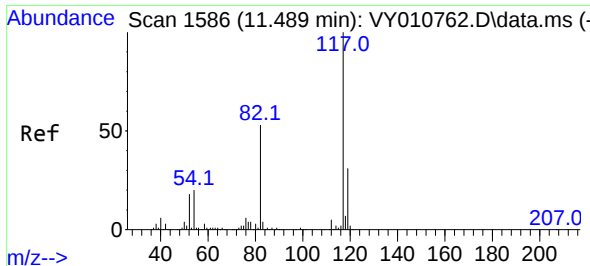
Tgt Ion: 43 Resp: 605
Ion Ratio Lower Upper
43 100
58 207.6 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 20.429 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010942.D
Acq: 12 Oct 2022 15:18

Tgt Ion: 95 Resp: 23718
Ion Ratio Lower Upper
95 100
174 86.2 0.0 177.0
176 79.0 0.0 175.8

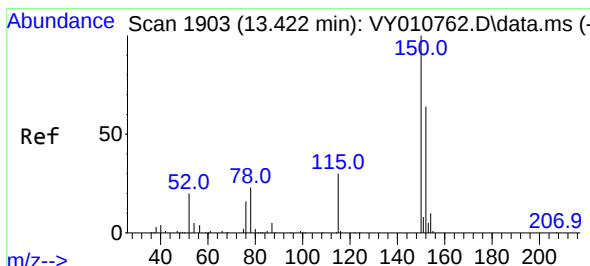
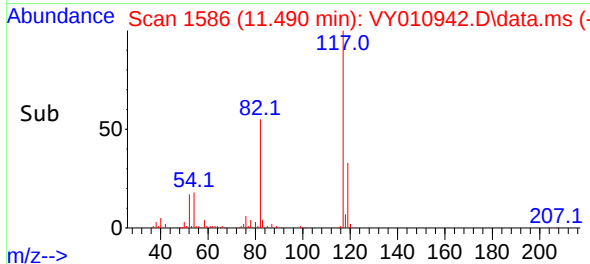
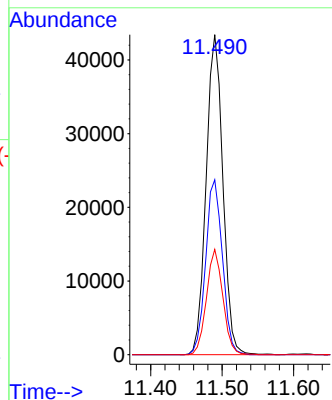
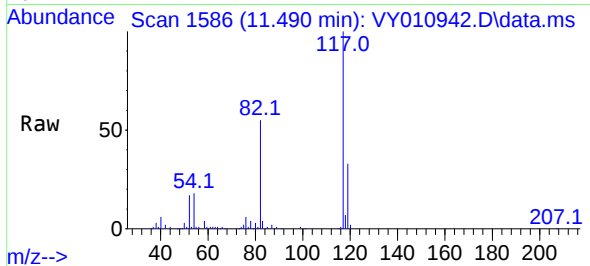




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY010942.D
Acq: 12 Oct 2022 15:18

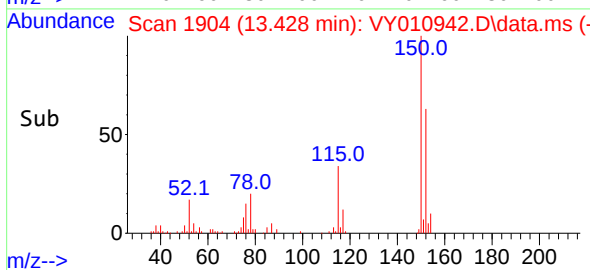
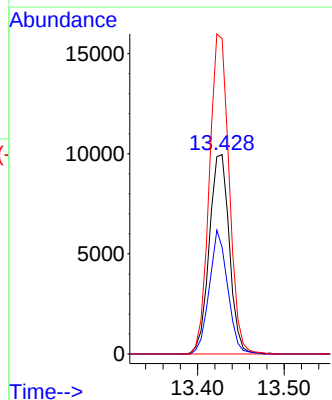
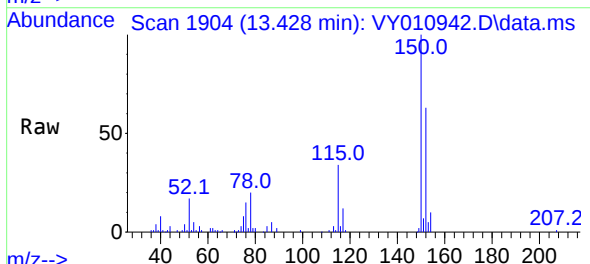
Instrument :
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ClientSampleId :
WC-4

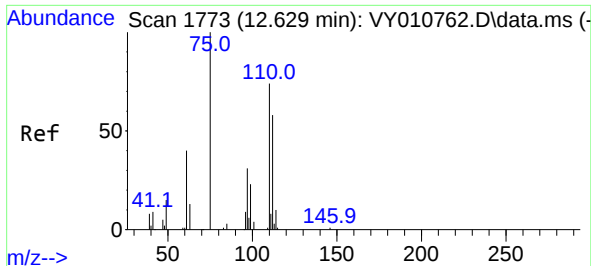
Tgt Ion:	117	Resp:	70595
Ion	Ratio	Lower	Upper
117	100		
82	54.6	43.0	64.4
119	32.9	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY010942.D
Acq: 12 Oct 2022 15:18

Tgt Ion:	152	Resp:	16041
Ion	Ratio	Lower	Upper
152	100		
115	56.7	28.2	84.7
150	157.7	0.0	347.6

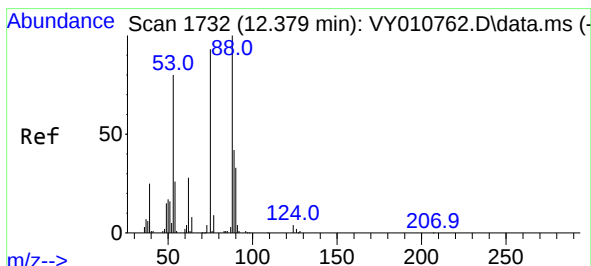
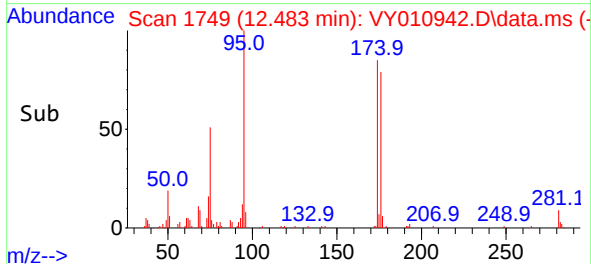
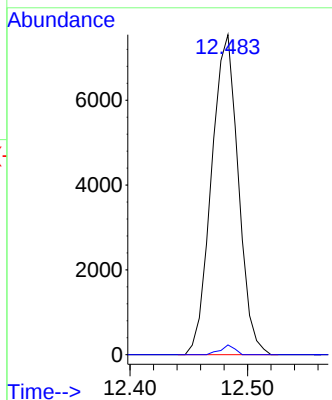
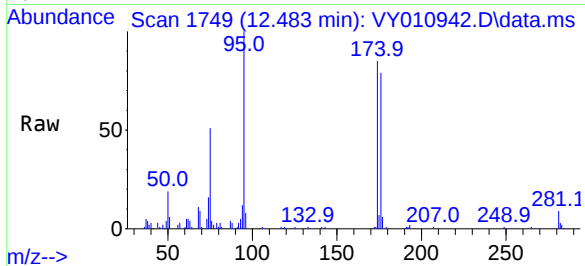




#76
1,2,3-Trichloropropane
Concen: 73.760 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY010942.D
Acq: 12 Oct 2022 15:18

Instrument :
MSVOA_Y
ClientSampleId :
WC-4

Tgt Ion: 75 Resp: 11982
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 154.078 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY010942.D
Acq: 12 Oct 2022 15:18

Tgt Ion: 75 Resp: 11982
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

