

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102422\
 Data File : VY011068.D
 Acq On : 24 Oct 2022 14:51
 Operator : KP/MD
 Sample : N5254-04
 Misc : 7.18g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-2-102122

Quant Time: Oct 25 05:29:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

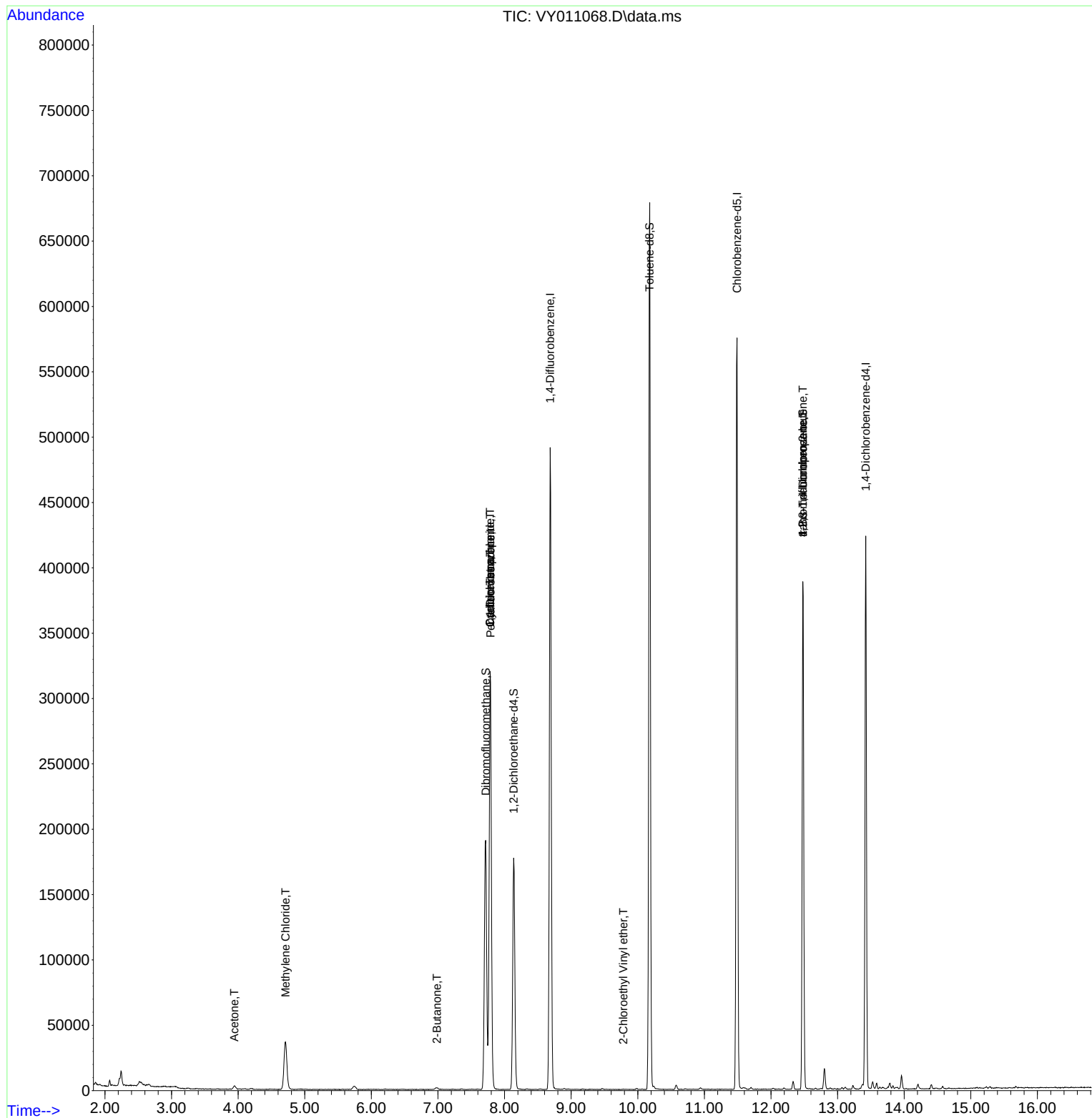
Internal Standards						
1) Pentafluorobenzene	7.789	168	252111	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	425807	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	329930	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	110766	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	135815	58.483	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.960%			
35) Dibromofluoromethane	7.716	113	140010	59.392	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 118.780%			
50) Toluene-d8	10.179	98	456032	51.292	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.580%			
62) 4-Bromofluorobenzene	12.477	95	119680	37.215	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 74.440%			
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.936	59	220	Below Cal	#	77
16) Acetone	3.942	43	4831	7.163	ug/l	# 80
18) Methyl Acetate	4.473	43	289	Below Cal	#	56
20) Methylene Chloride	4.710	84	28829	3.997	ug/l	# 82
25) 2-Butanone	6.984	43	1443	1.411	ug/l	# 82
31) Cyclohexane	7.783	56	4752	1.069	ug/l	# 1
36) 1,1-Dichloropropene	7.783	75	19169	4.836	ug/l	# 50
38) Carbon Tetrachloride	7.783	117	25020	6.115	ug/l	# 17
58) 2-Chloroethyl Vinyl ether	9.783	63	117	17.030	ug/l	# 48
76) 1,2,3-Trichloropropane	12.477	75	58525	46.539	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	58525	100.092	ug/l	# 7

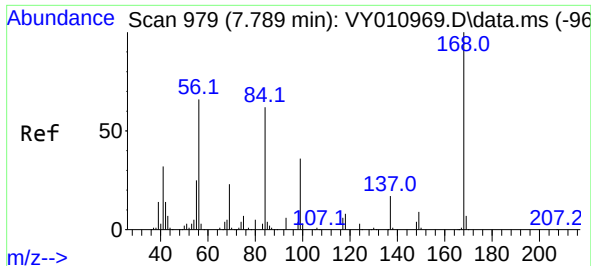
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 25 05:29:42 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 18 01:42:42 2022
Response via : Initial Calibration

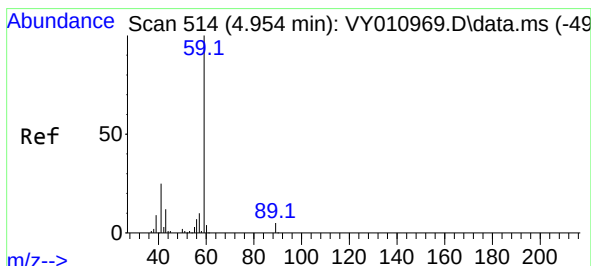
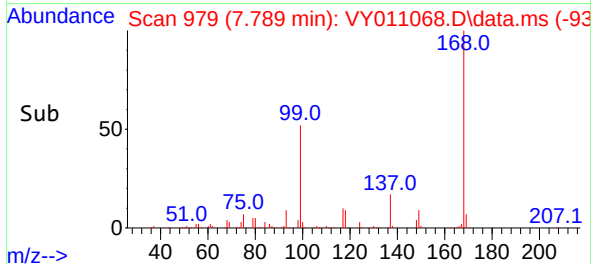
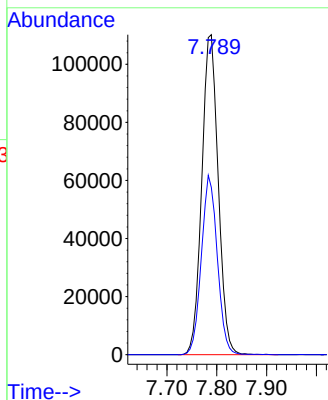
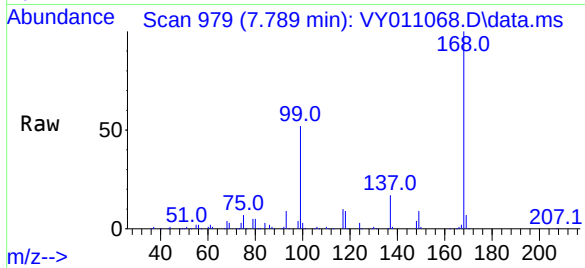




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011068.D
Acq: 24 Oct 2022 14:51

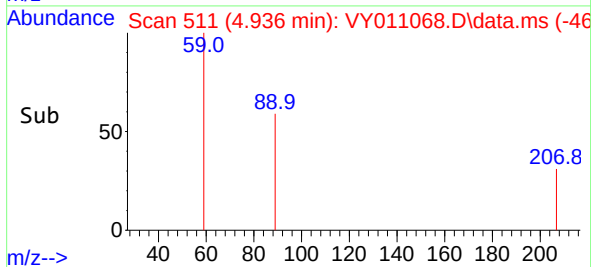
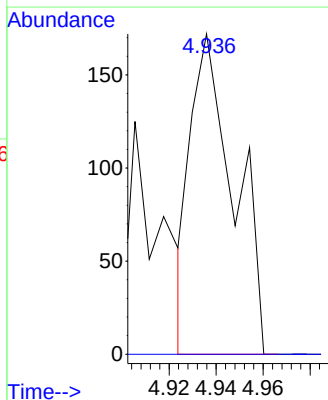
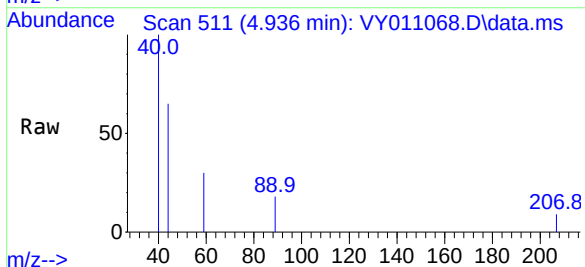
Instrument :
MSVOA_Y
ClientSampleId :
WC-2-102122

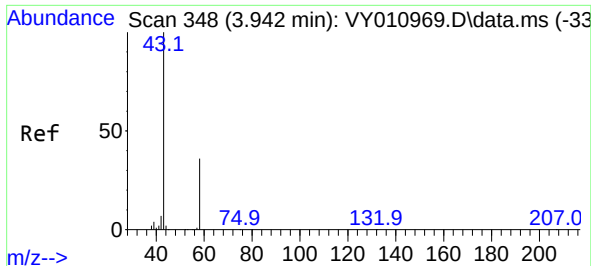
Tgt Ion:168 Resp: 252111
Ion Ratio Lower Upper
168 100
99 52.3 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.018 min
Lab File: VY011068.D
Acq: 24 Oct 2022 14:51

Tgt Ion: 59 Resp: 220
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

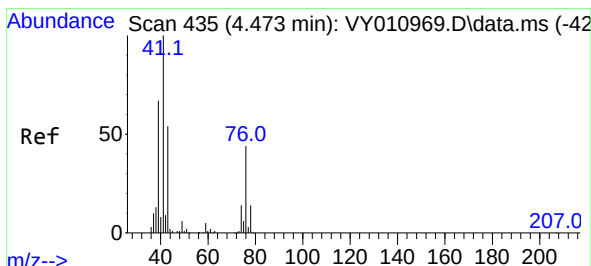
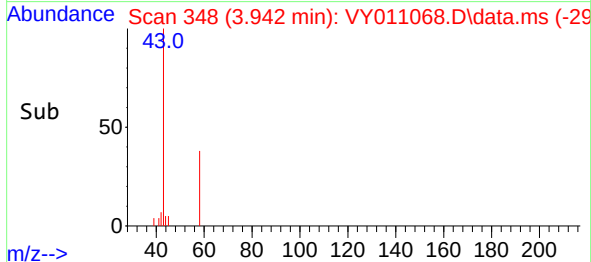
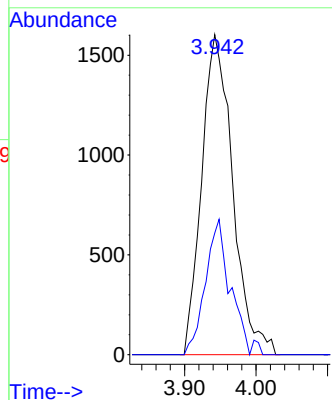
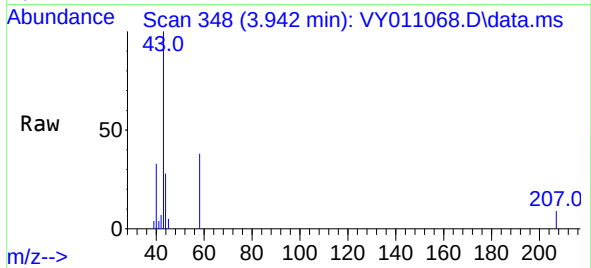




#16
Acetone
Concen: 7.163 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY011068.D
Acq: 24 Oct 2022 14:51

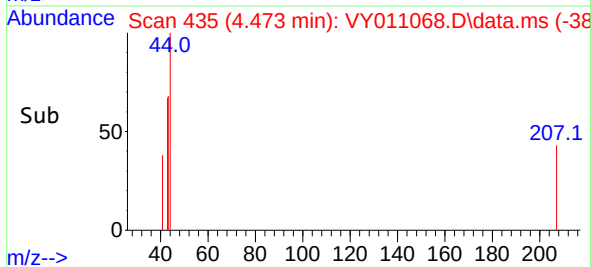
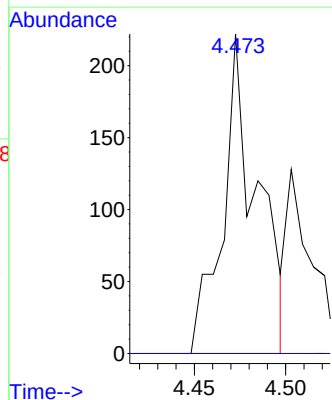
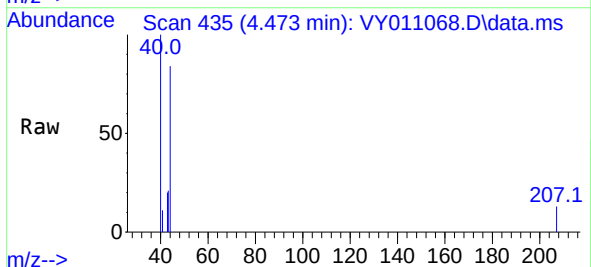
Instrument :
MSVOA_Y
ClientSampleId :
WC-2-102122

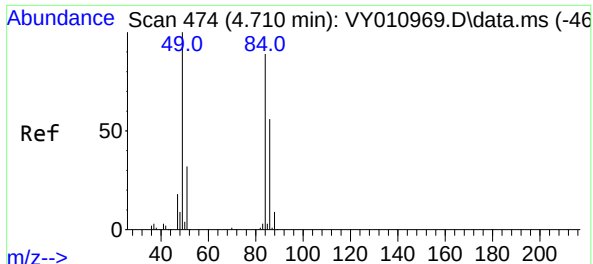
Tgt Ion: 43 Resp: 4831
Ion Ratio Lower Upper
43 100
58 38.0 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.473 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY011068.D
Acq: 24 Oct 2022 14:51

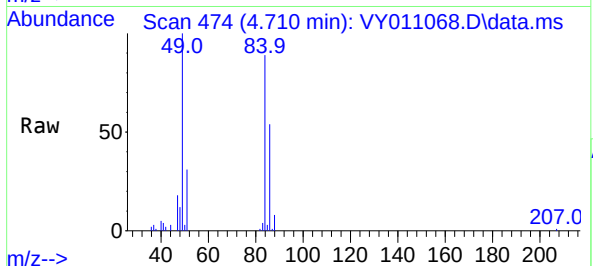
Tgt Ion: 43 Resp: 289
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#





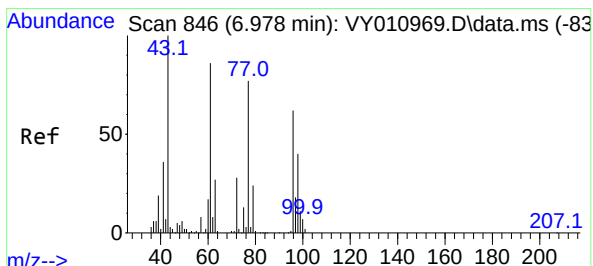
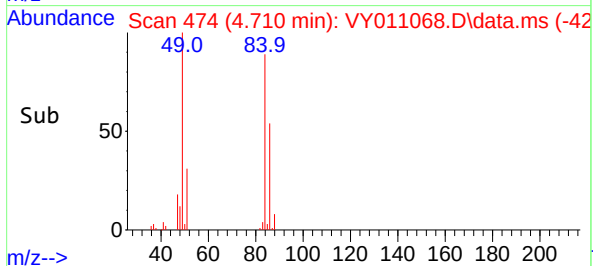
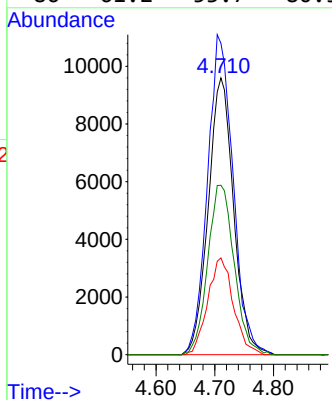
#20
Methylene Chloride
Concen: 3.997 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011068.D
Acq: 24 Oct 2022 14:51

Instrument :
MSVOA_Y
ClientSampleId :
WC-2-102122



Tgt Ion: 84 Resp: 28829

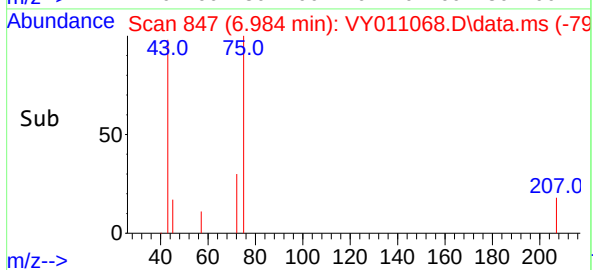
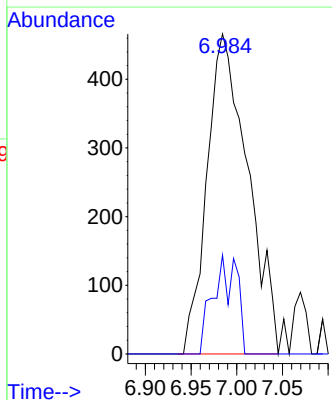
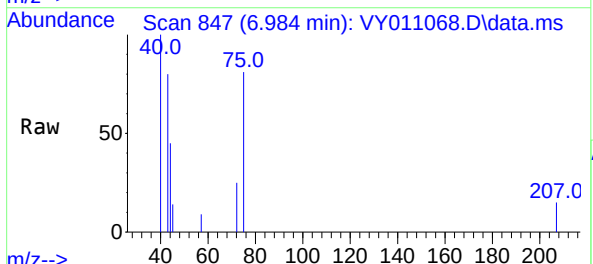
Ion	Ratio	Lower	Upper
84	100		
49	112.5	114.4	171.6#
51	35.0	35.3	52.9#
86	61.2	53.7	80.5

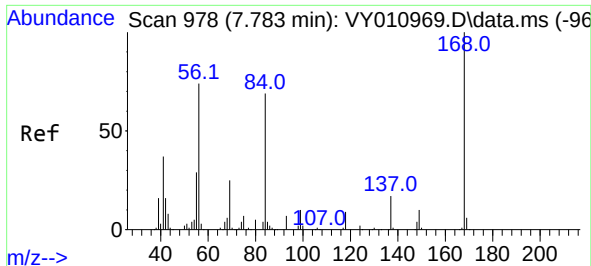


#25
2-Butanone
Concen: 1.411 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY011068.D
Acq: 24 Oct 2022 14:51

Tgt Ion: 43 Resp: 1443

Ion	Ratio	Lower	Upper
43	100		
72	30.9	17.7	26.5#

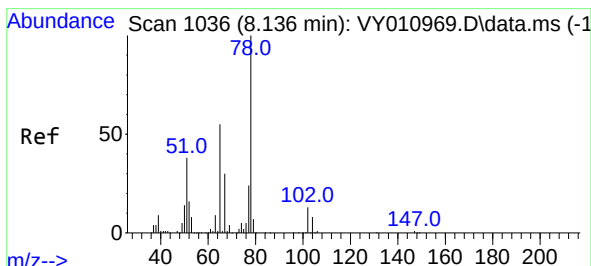
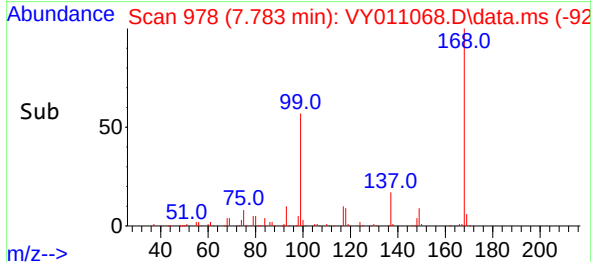
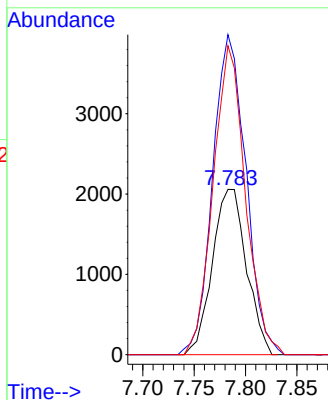
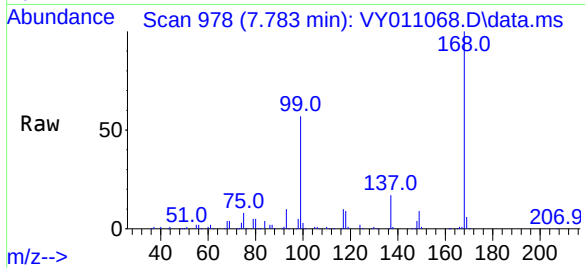




#31
Cyclohexane
Concen: 1.069 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011068.D
Acq: 24 Oct 2022 14:51

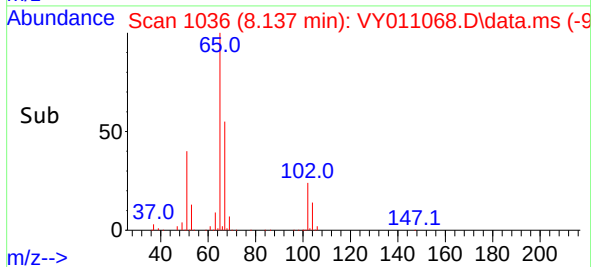
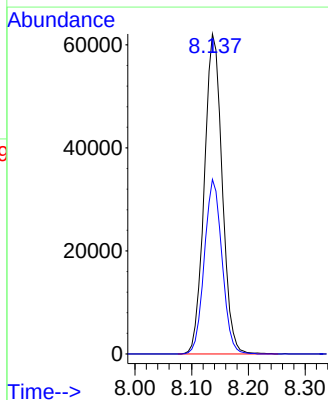
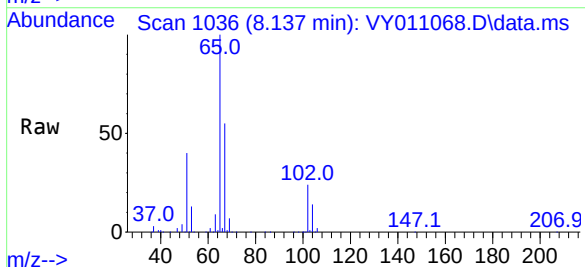
Instrument :
MSVOA_Y
ClientSampleId :
WC-2-102122

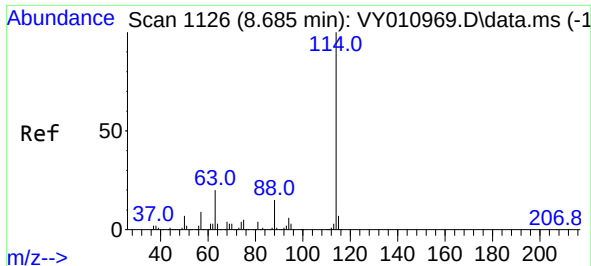
Tgt Ion: 56 Resp: 4752
Ion Ratio Lower Upper
56 100
69 193.6 26.7 40.1#
84 187.0 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 58.483 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY011068.D
Acq: 24 Oct 2022 14:51

Tgt Ion: 65 Resp: 135815
Ion Ratio Lower Upper
65 100
67 53.9 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY011068.D

Acq: 24 Oct 2022 14:51

Instrument :

MSVOA_Y

ClientSampleId :

WC-2-102122

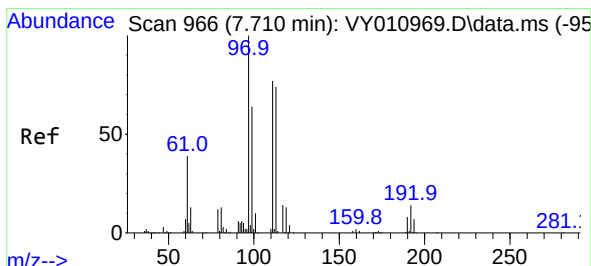
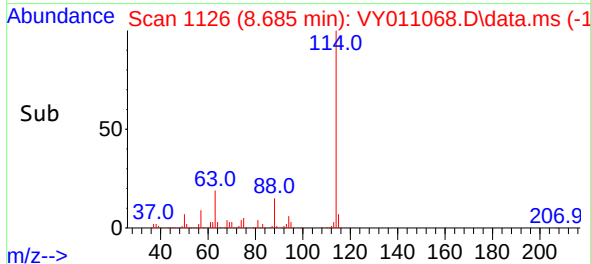
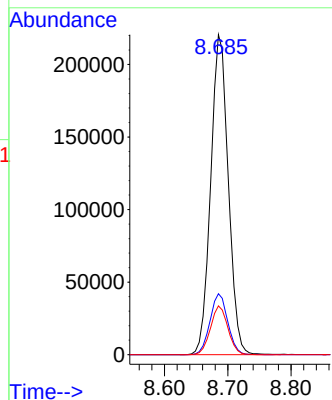
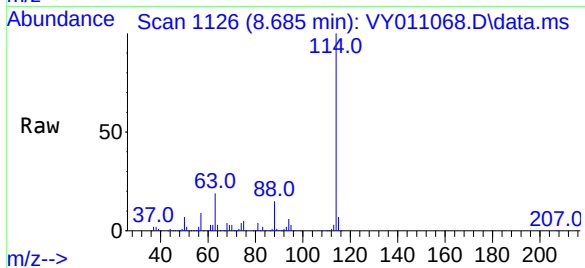
Tgt Ion:114 Resp: 425807

Ion Ratio Lower Upper

114 100

63 19.1 0.0 43.2

88 15.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 59.392 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY011068.D

Acq: 24 Oct 2022 14:51

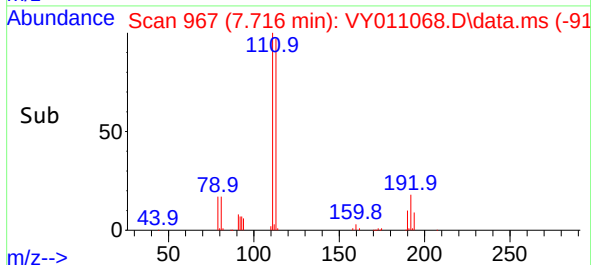
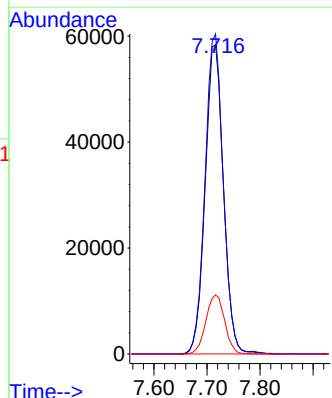
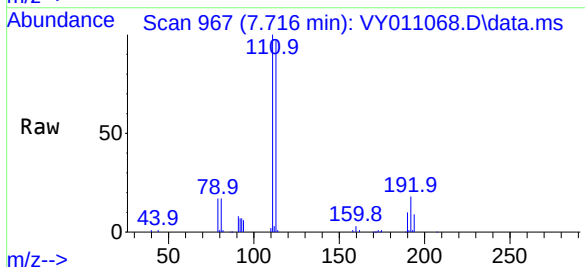
Tgt Ion:113 Resp: 140010

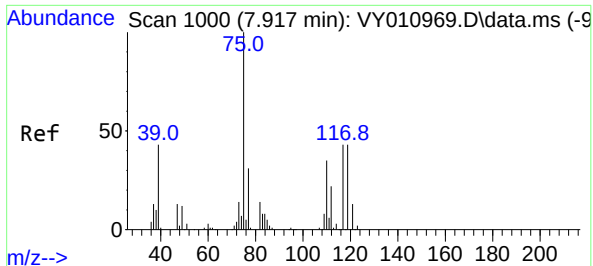
Ion Ratio Lower Upper

113 100

111 102.5 82.6 124.0

192 19.5 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.836 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY011068.D

Acq: 24 Oct 2022 14:51

Instrument :

MSVOA_Y

ClientSampleId :

WC-2-102122

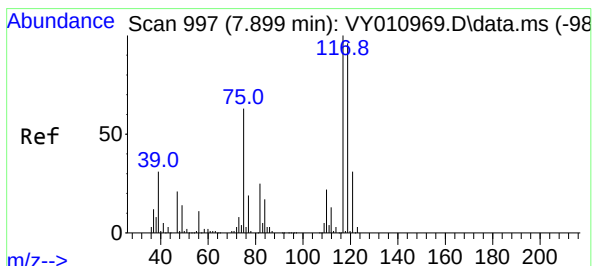
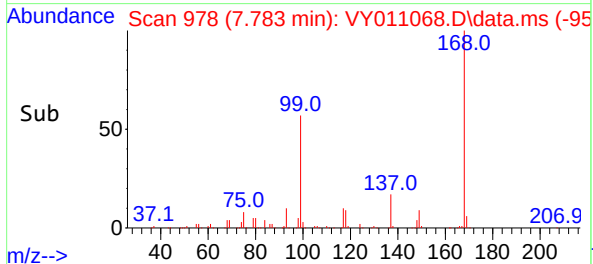
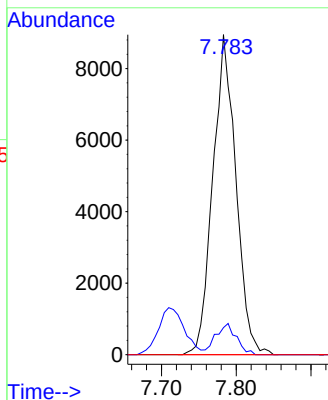
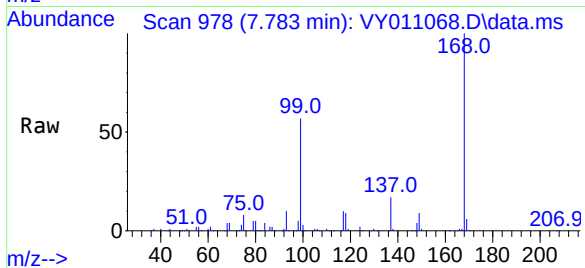
Tgt Ion: 75 Resp: 19169

Ion Ratio Lower Upper

75 100

110 8.9 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 6.115 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY011068.D

Acq: 24 Oct 2022 14:51

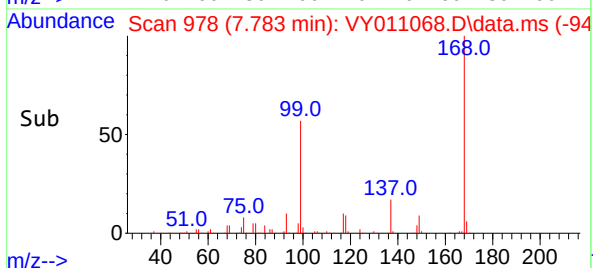
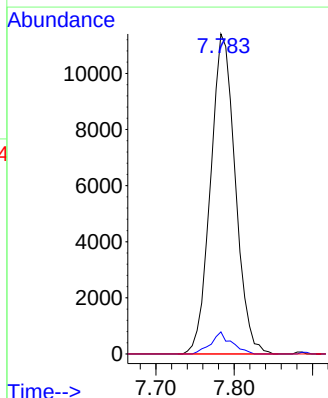
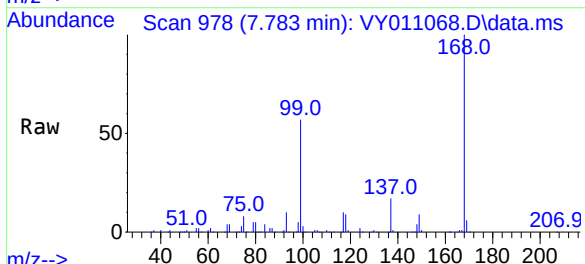
Tgt Ion: 117 Resp: 25020

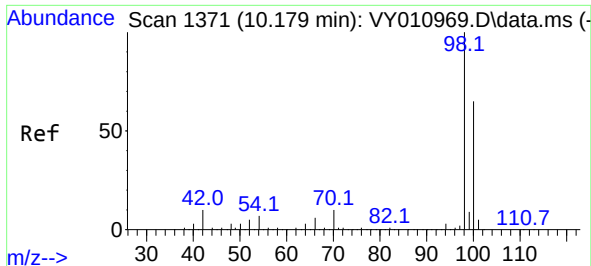
Ion Ratio Lower Upper

117 100

119 6.9 77.9 116.9#

121 0.0 24.8 37.2#

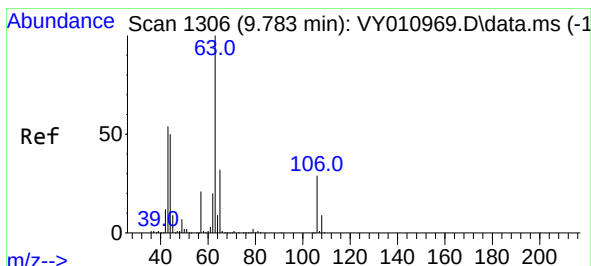
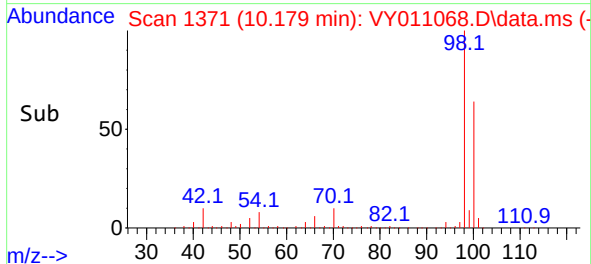
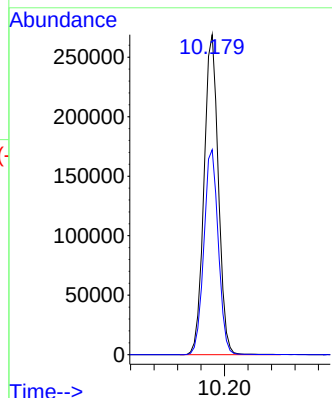
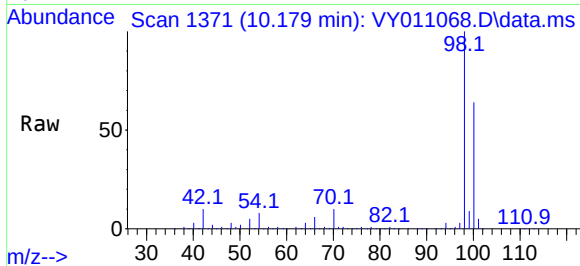




#50
Toluene-d8
Concen: 51.292 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011068.D
Acq: 24 Oct 2022 14:51

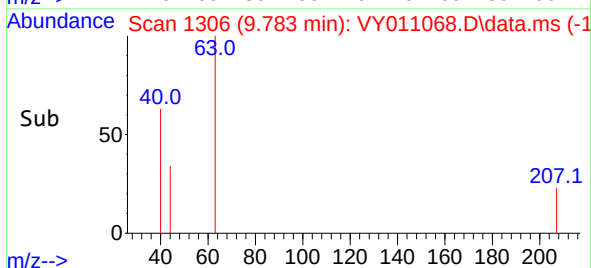
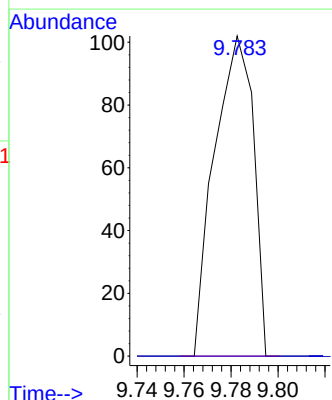
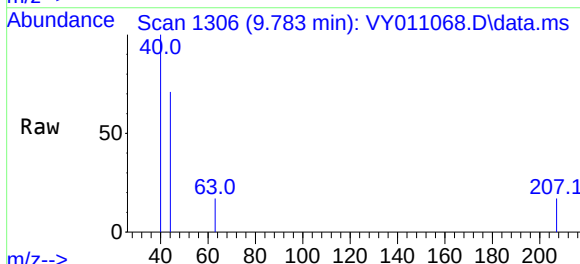
Instrument :
MSVOA_Y
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WC-2-102122

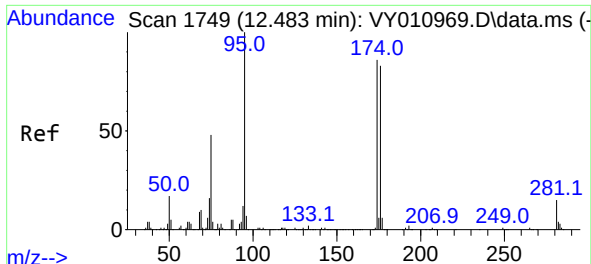
Tgt Ion: 98 Resp: 456032
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2



#58
2-Chloroethyl Vinyl ether
Concen: 17.030 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. -0.000 min
Lab File: VY011068.D
Acq: 24 Oct 2022 14:51

Tgt Ion: 63 Resp: 117
Ion Ratio Lower Upper
63 100
106 0.0 21.5 32.3#

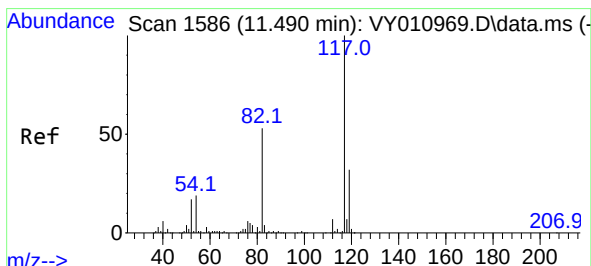
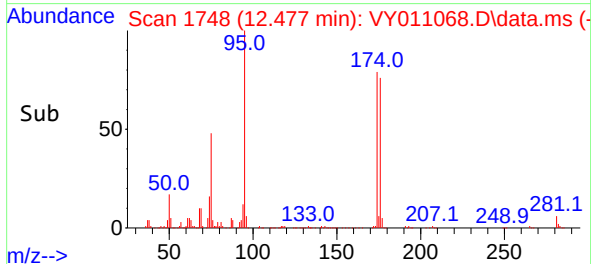
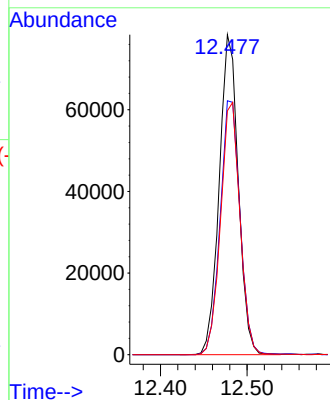
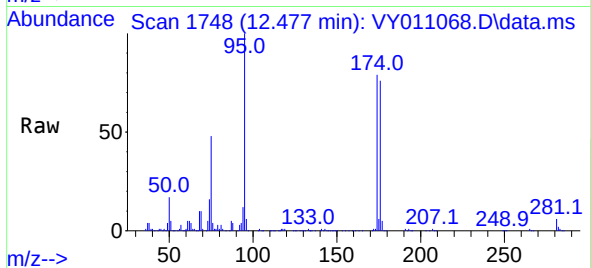




#62
4-Bromofluorobenzene
Concen: 37.215 ug/l
RT: 12.477 min Scan# 119680
Delta R.T. -0.006 min
Lab File: VY011068.D
Acq: 24 Oct 2022 14:51

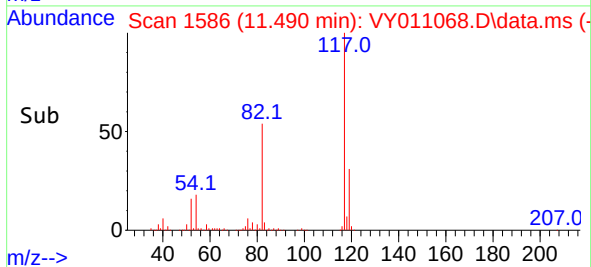
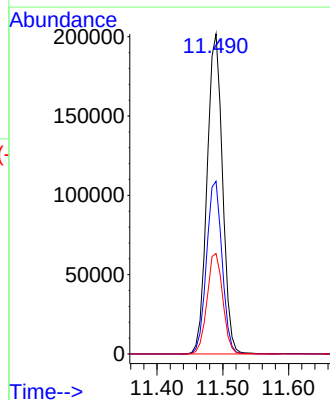
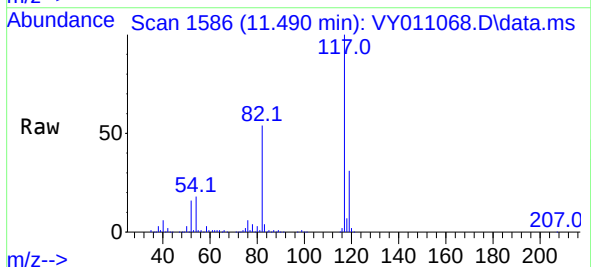
Instrument :
MSVOA_Y
ClientSampleId :
WC-2-102122

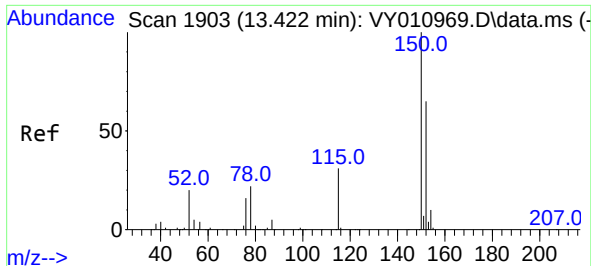
Tgt Ion: 95 Resp: 119680
Ion Ratio Lower Upper
95 100
174 82.7 0.0 177.0
176 80.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011068.D
Acq: 24 Oct 2022 14:51

Tgt Ion: 117 Resp: 329930
Ion Ratio Lower Upper
117 100
82 53.9 43.0 64.4
119 31.4 25.4 38.0

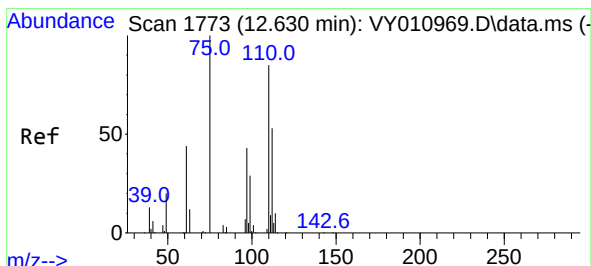
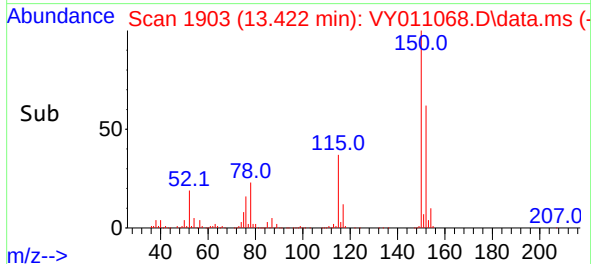
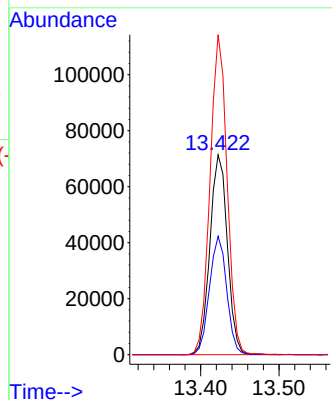
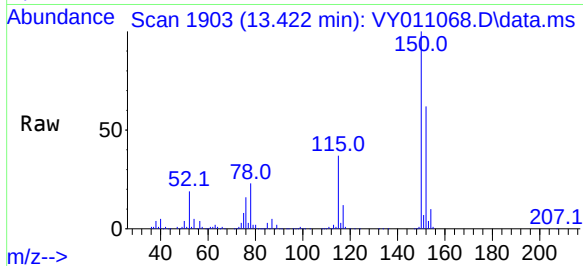




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011068.D
Acq: 24 Oct 2022 14:51

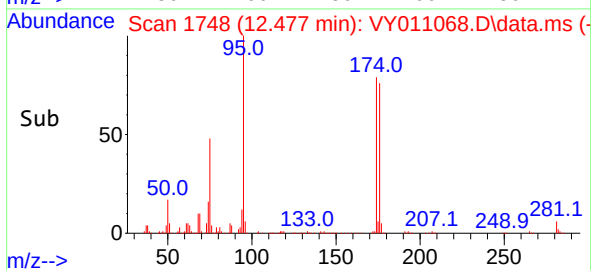
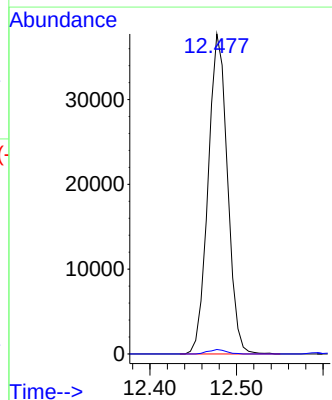
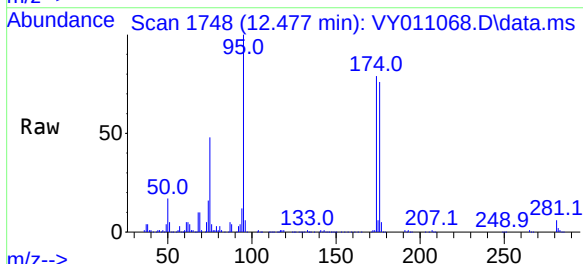
Instrument :
MSVOA_Y
ClientSampleId :
WC-2-102122

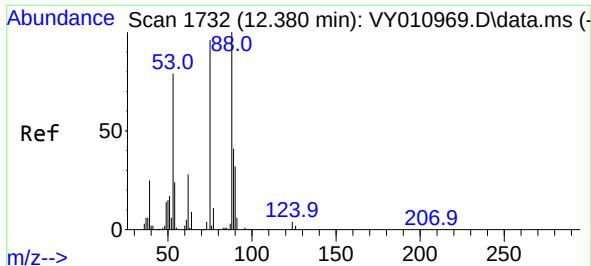
Tgt Ion:152 Resp: 110766
Ion Ratio Lower Upper
152 100
115 58.4 28.2 84.7
150 156.2 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 46.539 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY011068.D
Acq: 24 Oct 2022 14:51

Tgt Ion: 75 Resp: 58525
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 100.092 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY011068.D
 Acq: 24 Oct 2022 14:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-2-102122

Tgt Ion: 75 Resp: 58525
 Ion Ratio Lower Upper
 75 100
 53 0.1 85.3 127.9#
 89 0.0 37.0 55.4#

