

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110122\
 Data File : VY011232.D
 Acq On : 01 Nov 2022 19:06
 Operator : KP/MD
 Sample : N5341-01RE
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1

Quant Time: Nov 02 01:43:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

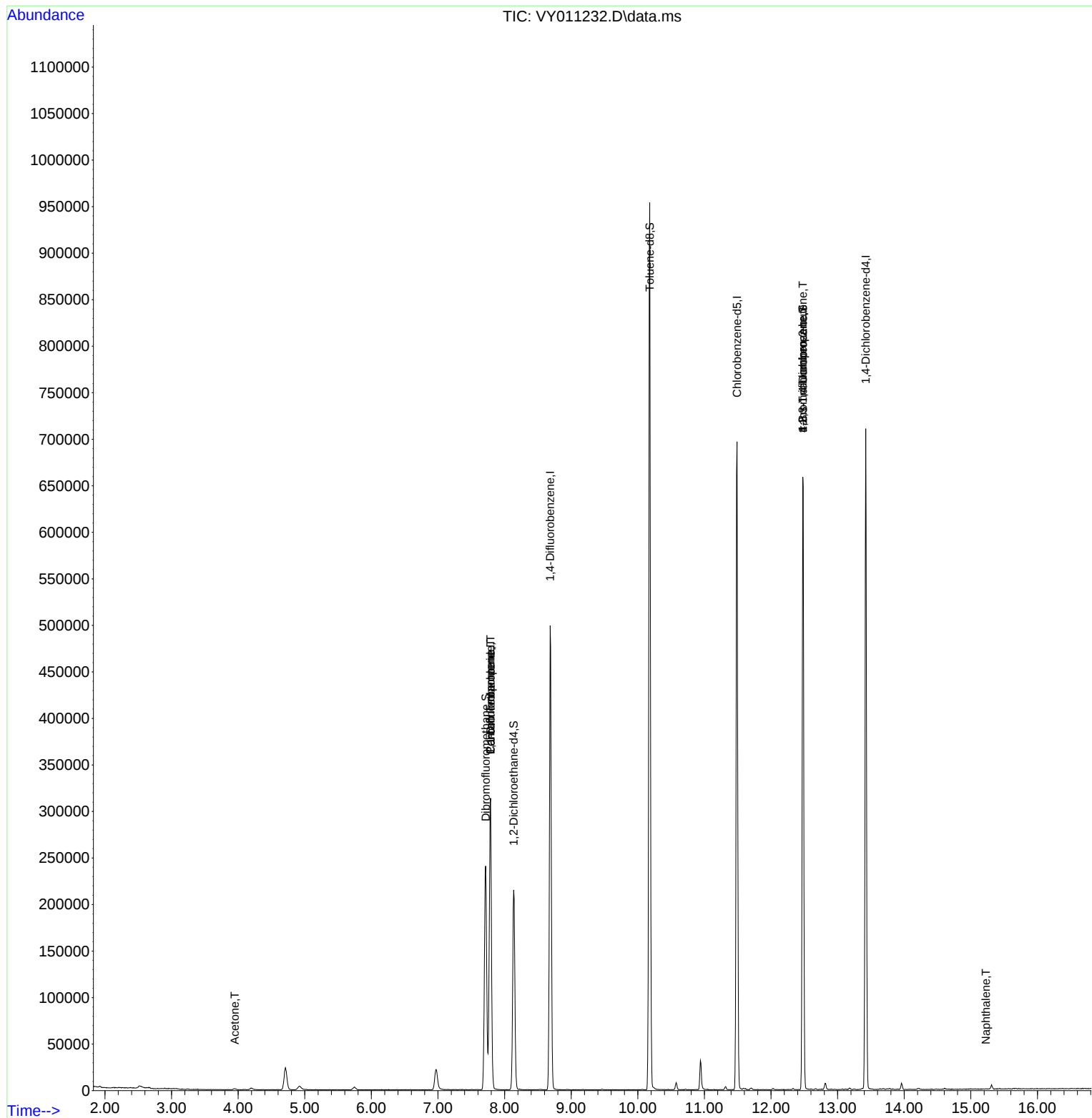
Internal Standards						
1) Pentafluorobenzene	7.789	168	244954	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	426392	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	393810	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	181752	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	168723	64.403	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.800%	
35) Dibromofluoromethane	7.716	113	175301	63.989	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 127.980%	
50) Toluene-d8	10.179	98	631420	59.363	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 118.720%	
62) 4-Bromofluorobenzene	12.477	95	212431	57.529	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 115.060%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	101	Below Cal	#	43
11) Tert butyl alcohol	4.918	59	4178	Below Cal	#	77
16) Acetone	3.948	43	2006	2.537	ug/l #	85
36) 1,1-Dichloropropene	7.789	75	18488	4.132	ug/l #	51
38) Carbon Tetrachloride	7.789	117	23925	5.155	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	105119	47.508	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	105119	101.672	ug/l #	7
95) Naphthalene	15.227	128	391	4.013	ug/l #	69

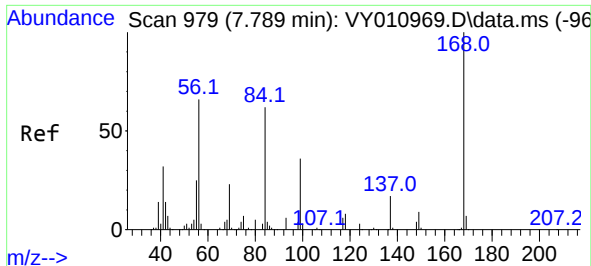
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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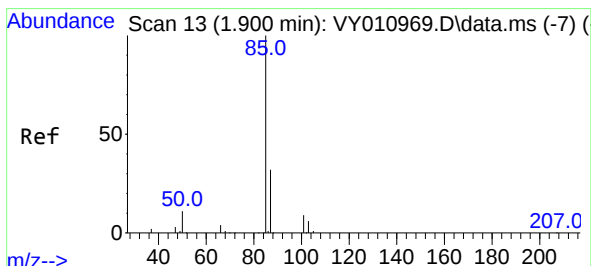
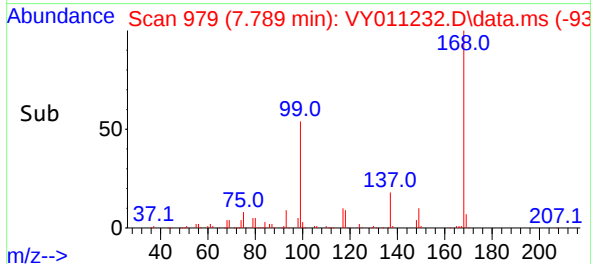
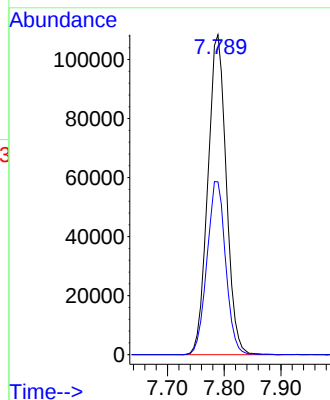
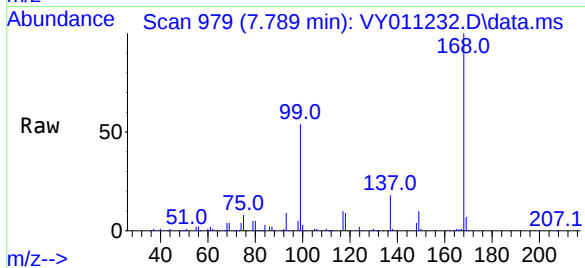




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011232.D
Acq: 01 Nov 2022 19:06

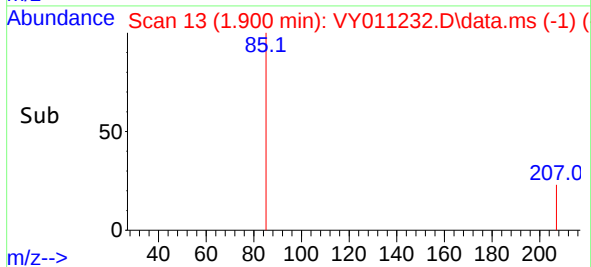
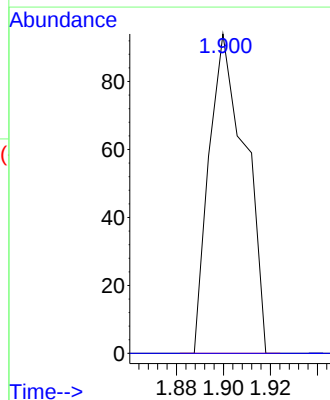
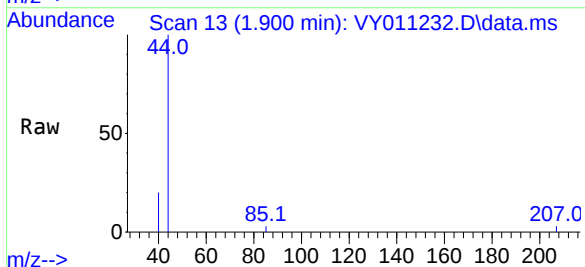
Instrument :
MSVOA_Y
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WC-1

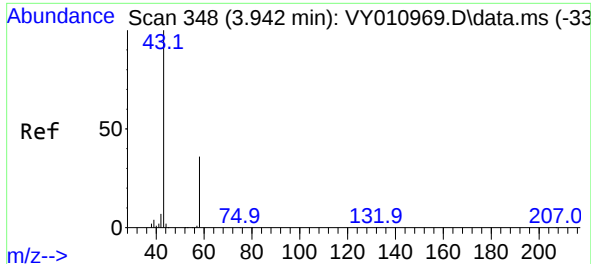
Tgt Ion:168 Resp: 244954
Ion Ratio Lower Upper
168 100
99 54.0 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY011232.D
Acq: 01 Nov 2022 19:06

Tgt Ion: 85 Resp: 101
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#





#16

Acetone

Concen: 2.537 ug/l

RT: 3.948 min Scan# 34

Delta R.T. 0.006 min

Lab File: VY011232.D

Acq: 01 Nov 2022 19:06

Instrument :

MSVOA_Y

ClientSampleId :

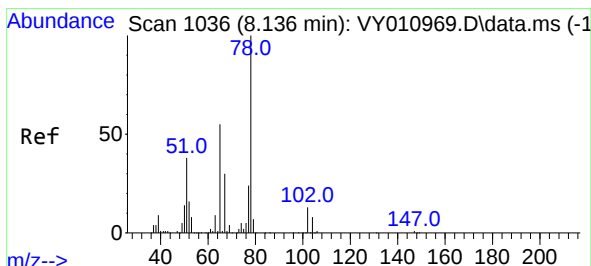
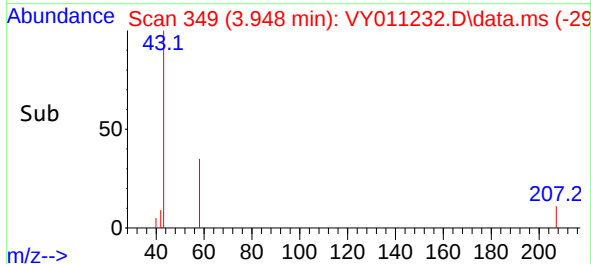
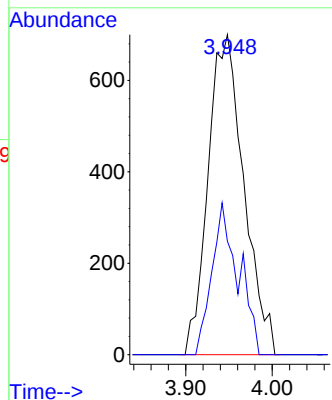
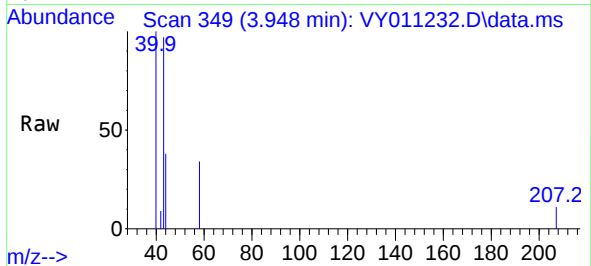
WC-1

Tgt Ion: 43 Resp: 2006

Ion Ratio Lower Upper

43 100

58 35.4 22.0 33.0#



#33

1,2-Dichloroethane-d4

Concen: 64.403 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY011232.D

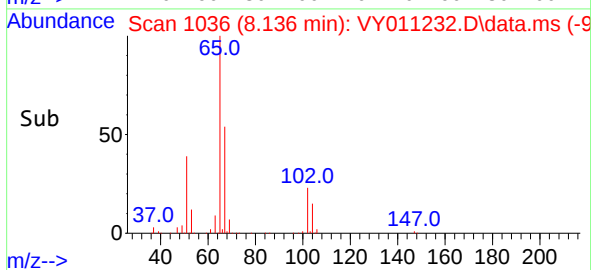
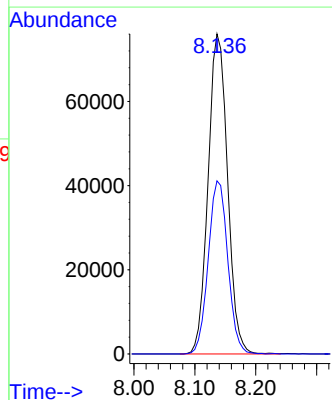
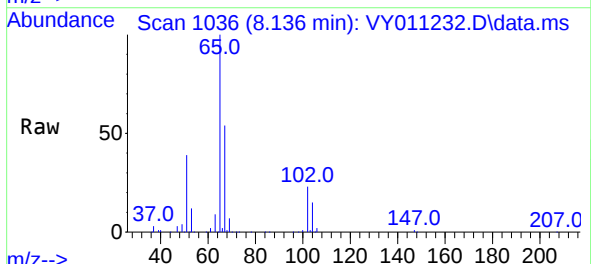
Acq: 01 Nov 2022 19:06

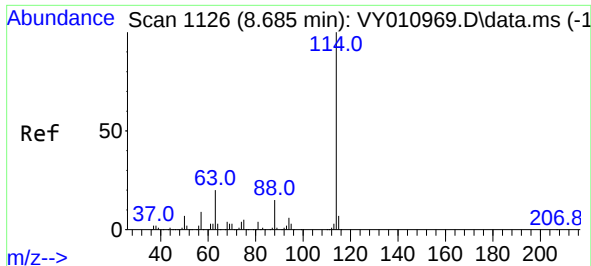
Tgt Ion: 65 Resp: 168723

Ion Ratio Lower Upper

65 100

67 54.3 0.0 99.4

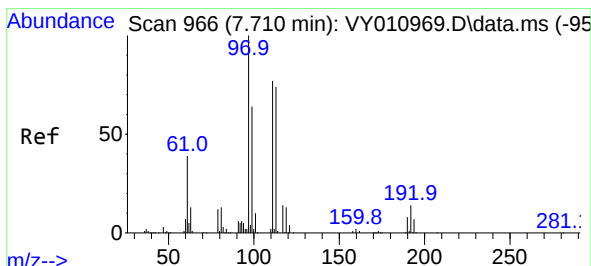
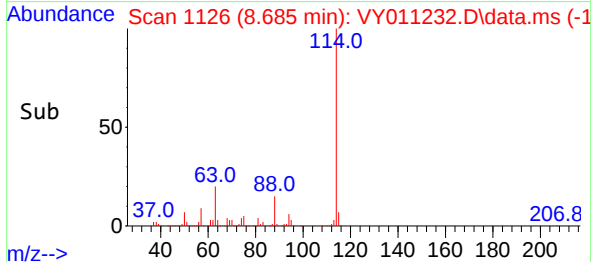
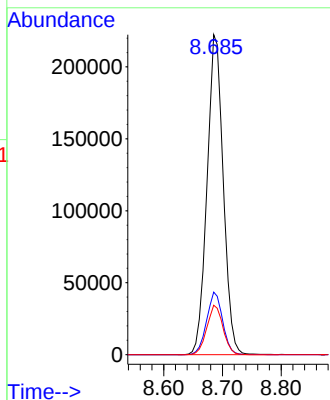
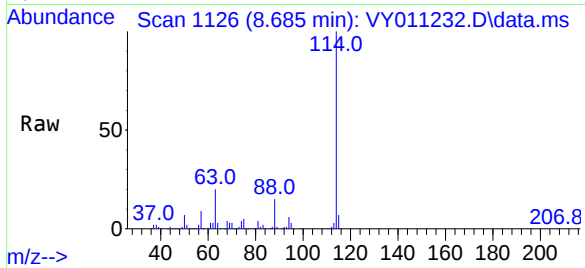




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY011232.D
Acq: 01 Nov 2022 19:06

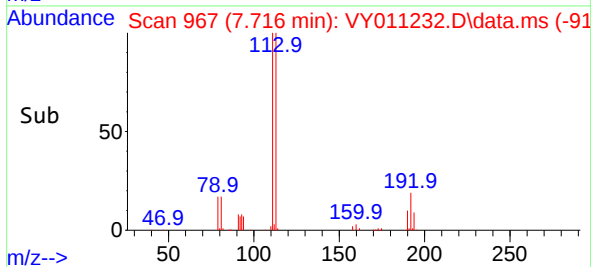
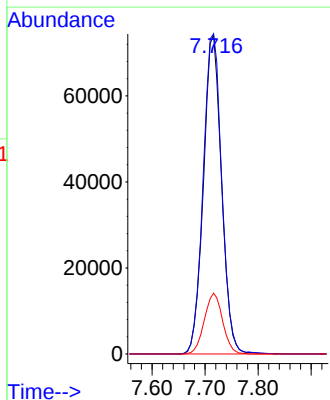
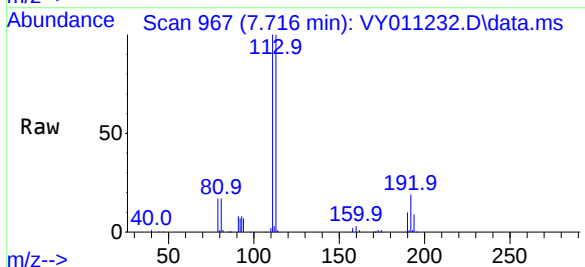
Instrument :
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ClientSampleId :
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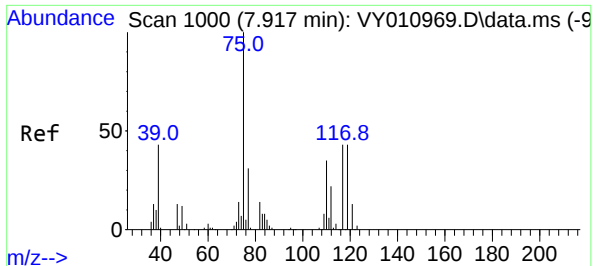
Tgt Ion:114 Resp: 426392
Ion Ratio Lower Upper
114 100
63 19.6 0.0 43.2
88 15.4 0.0 31.8



#35
Dibromofluoromethane
Concen: 63.989 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY011232.D
Acq: 01 Nov 2022 19:06

Tgt Ion:113 Resp: 175301
Ion Ratio Lower Upper
113 100
111 103.2 82.6 124.0
192 19.3 17.6 26.4

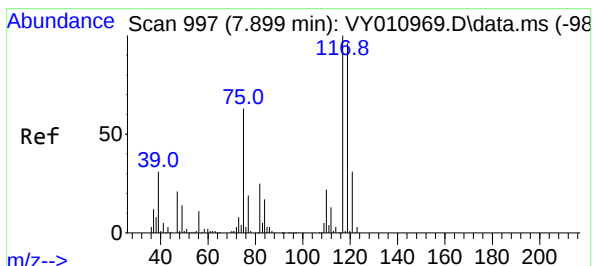
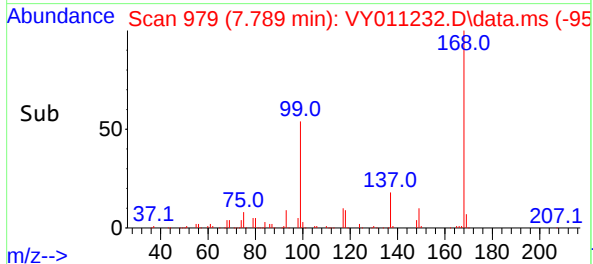
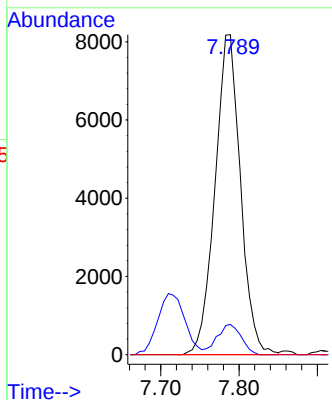
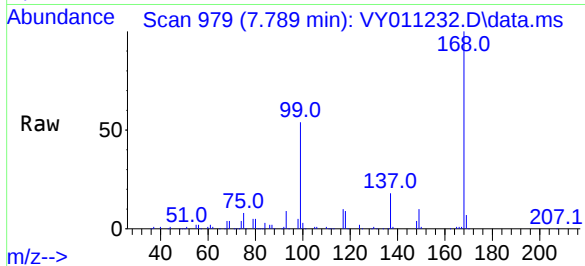




#36
1,1-Dichloropropene
Concen: 4.132 ug/l
RT: 7.789 min Scan# 911
Delta R.T. -0.128 min
Lab File: VY011232.D
Acq: 01 Nov 2022 19:06

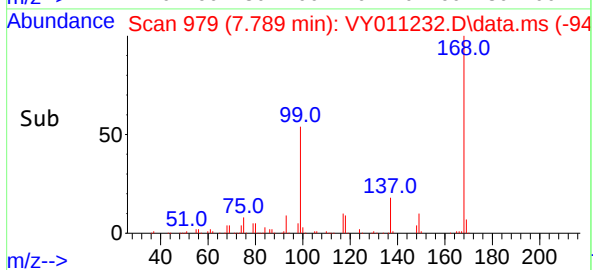
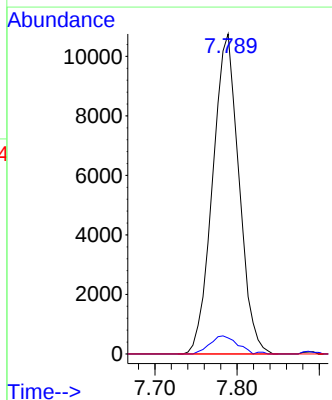
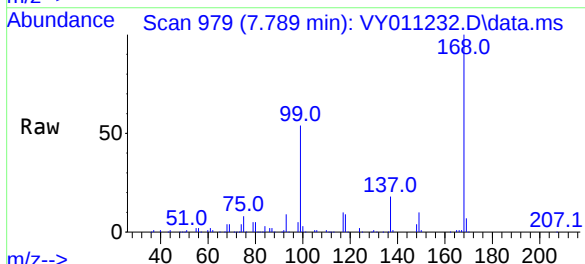
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

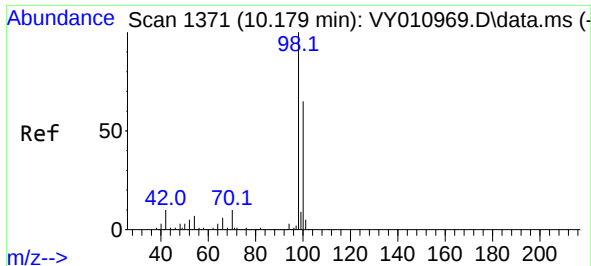
Tgt Ion: 75 Resp: 18488
Ion Ratio Lower Upper
75 100
110 9.0 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.155 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY011232.D
Acq: 01 Nov 2022 19:06

Tgt Ion: 117 Resp: 23925
Ion Ratio Lower Upper
117 100
119 5.0 77.9 116.9#
121 0.0 24.8 37.2#

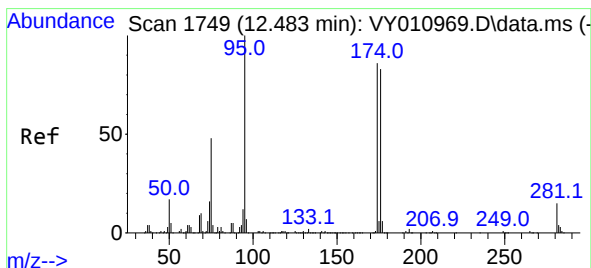
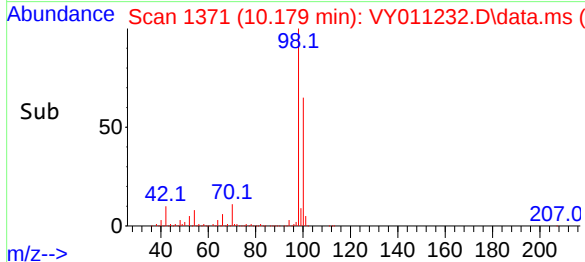
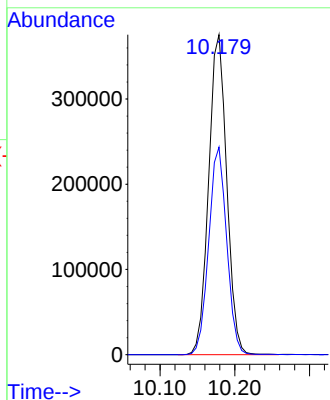
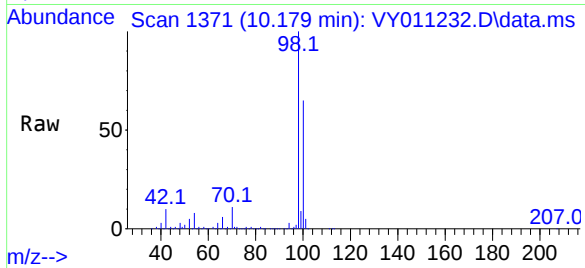




#50
Toluene-d8
Concen: 59.363 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011232.D
Acq: 01 Nov 2022 19:06

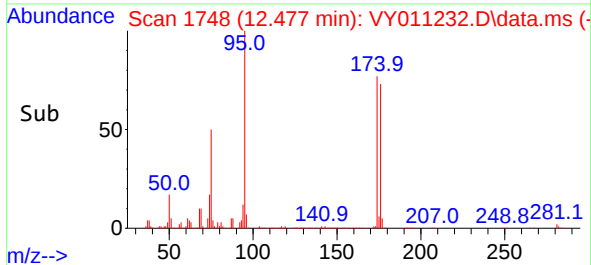
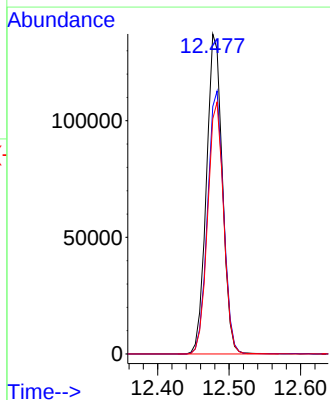
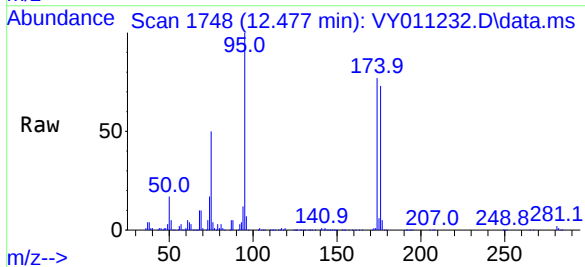
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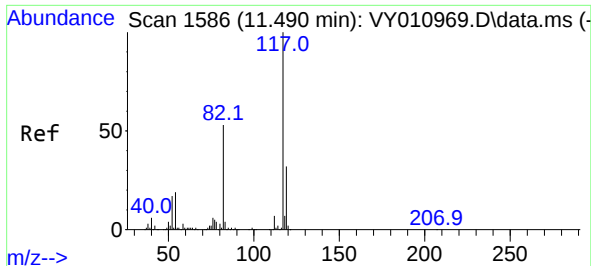
Tgt Ion: 98 Resp: 631420
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 57.529 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011232.D
Acq: 01 Nov 2022 19:06

Tgt Ion: 95 Resp: 212431
Ion Ratio Lower Upper
95 100
174 82.7 0.0 177.0
176 78.8 0.0 175.8

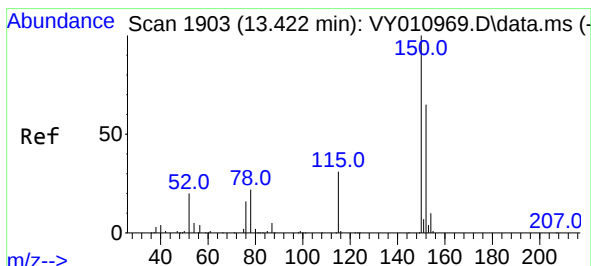
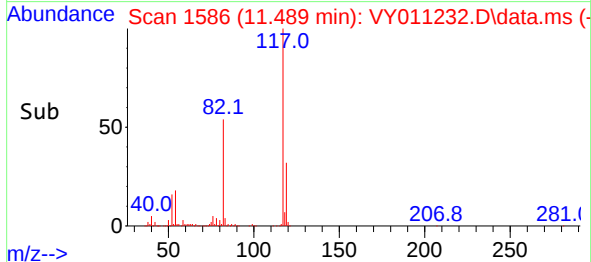
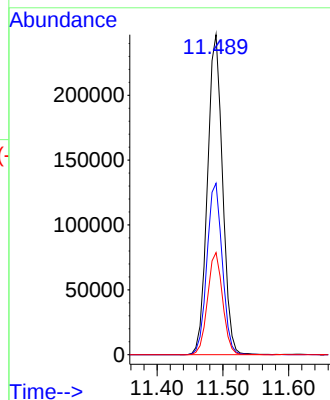
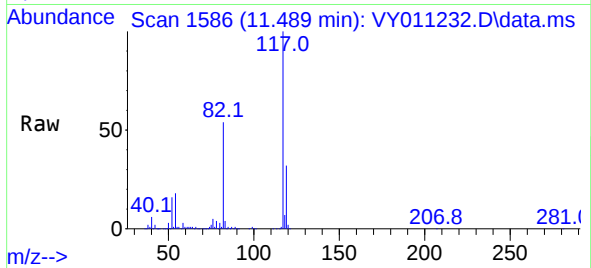




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011232.D
Acq: 01 Nov 2022 19:06

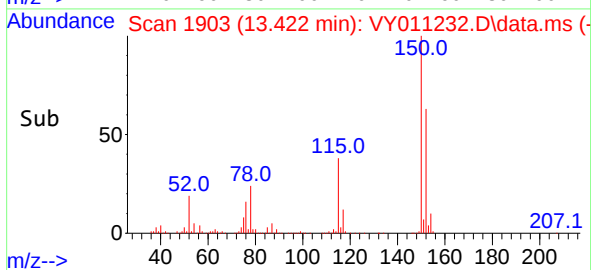
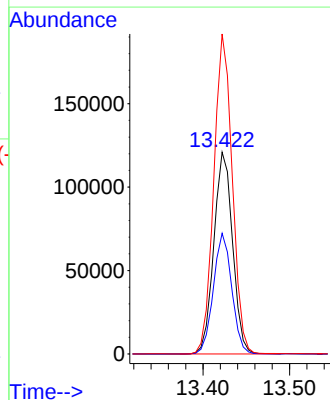
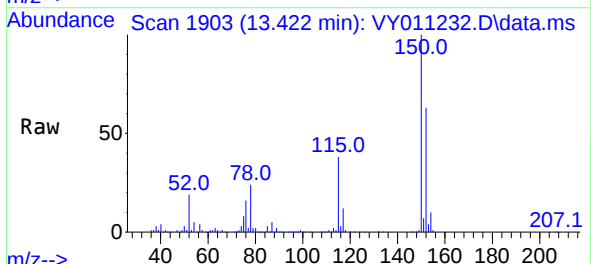
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

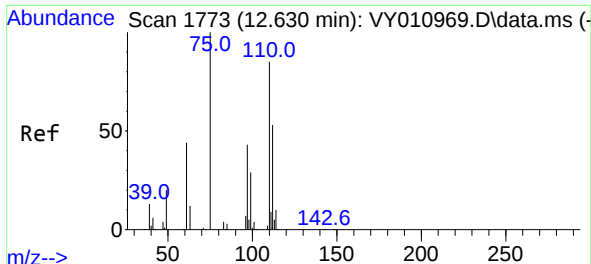
Tgt Ion:117 Resp: 393810
Ion Ratio Lower Upper
117 100
82 53.6 43.0 64.4
119 31.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011232.D
Acq: 01 Nov 2022 19:06

Tgt Ion:152 Resp: 181752
Ion Ratio Lower Upper
152 100
115 58.7 28.2 84.7
150 156.4 0.0 347.6

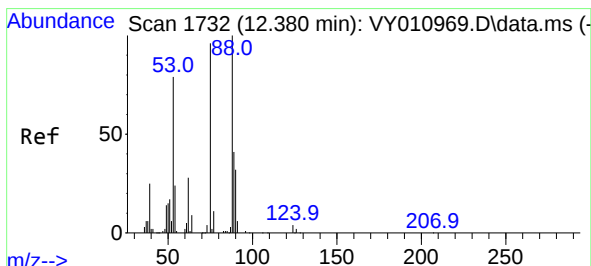
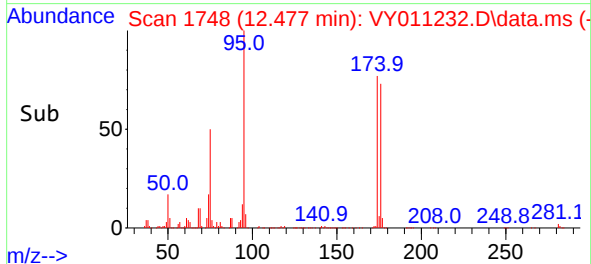
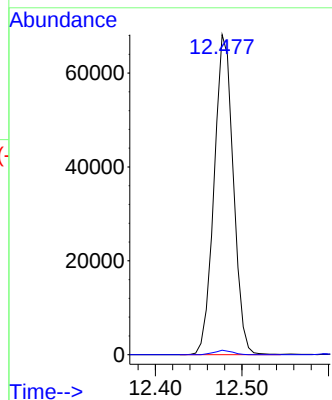
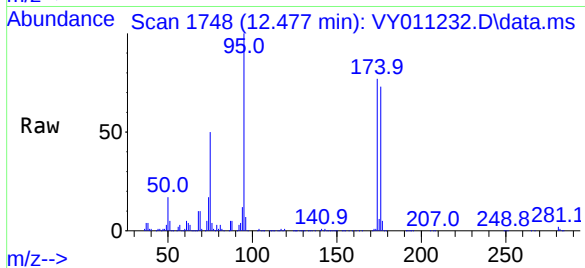




#76
1,2,3-Trichloropropane
Concen: 47.508 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY011232.D
Acq: 01 Nov 2022 19:06

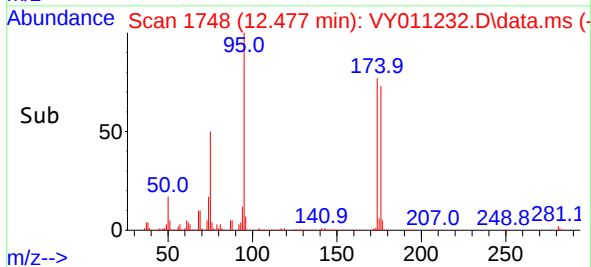
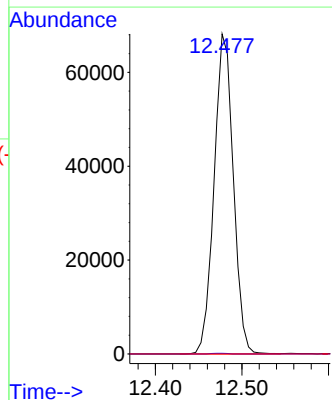
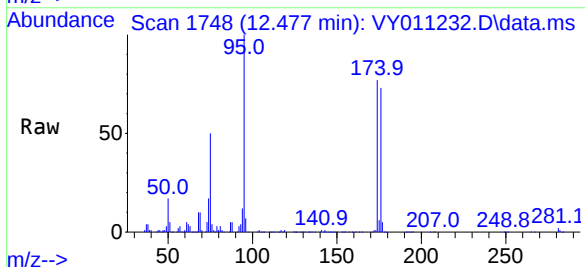
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

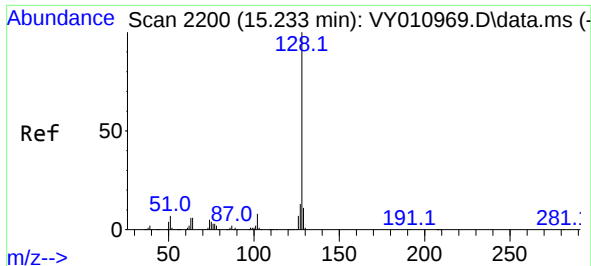
Tgt Ion: 75 Resp: 105119
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 101.672 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY011232.D
Acq: 01 Nov 2022 19:06

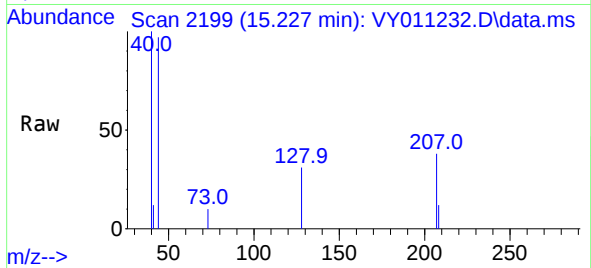
Tgt Ion: 75 Resp: 105119
Ion Ratio Lower Upper
75 100
53 0.2 85.3 127.9#
89 0.0 37.0 55.4#





#95
 Naphthalene
 Concen: 4.013 ug/l
 RT: 15.227 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VY011232.D
 Acq: 01 Nov 2022 19:06

Instrument :
 MSVOA_Y
 ClientSampleId :
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Tgt Ion:	128	Resp:	391
Ion	Ratio	Lower	Upper
128	100		
127	0.0	11.0	16.4#
129	0.0	8.4	12.6#

