

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010323\
 Data File : VY012050.D
 Acq On : 03 Jan 2023 16:32
 Operator : KP/MD
 Sample : N6241-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-2-122922

Quant Time: Jan 04 01:19:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

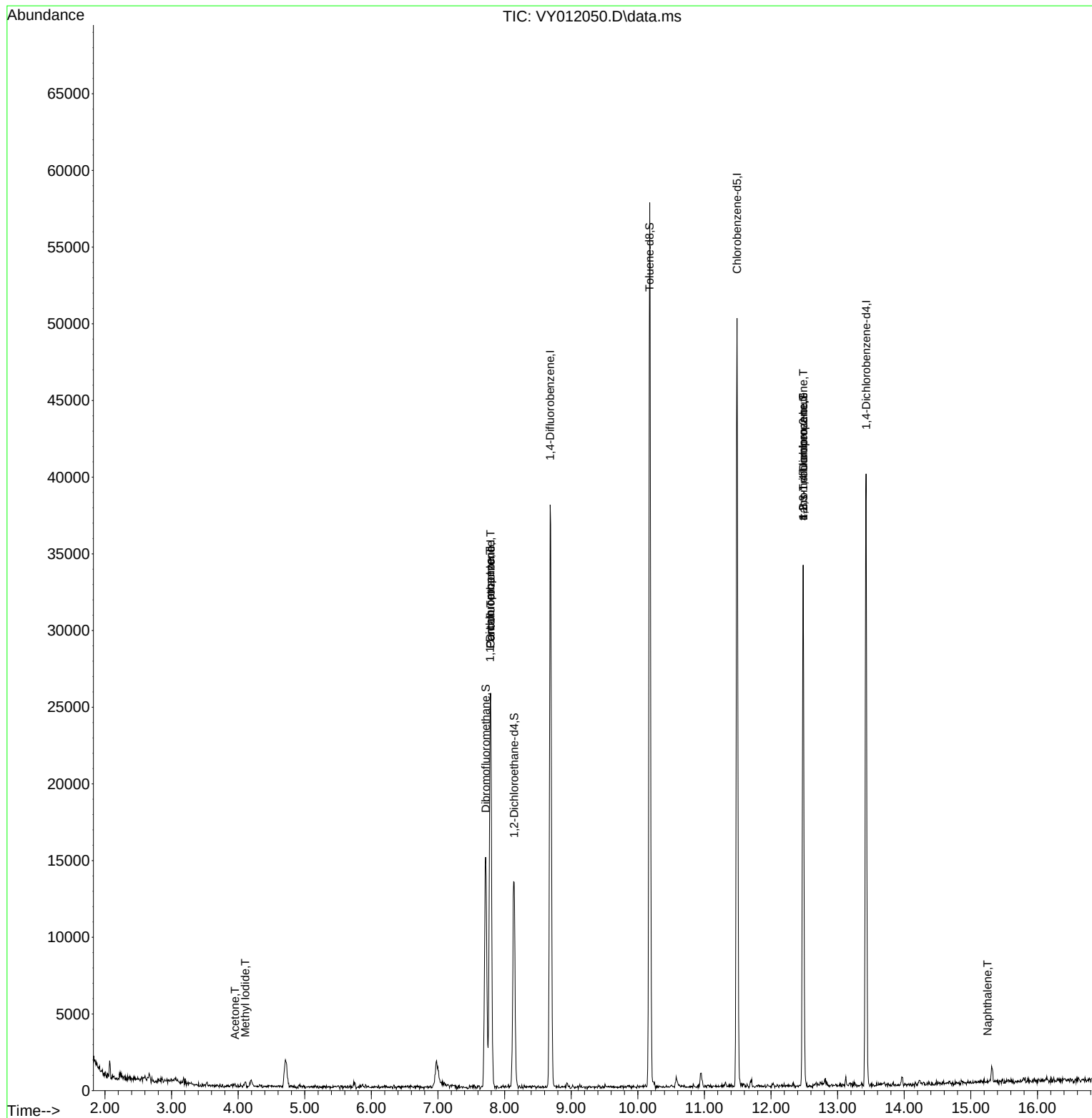
Internal Standards						
1) Pentafluorobenzene	7.789	168	21538	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	34006	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	28368	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	11298	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	11892	54.804	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.600%	
35) Dibromofluoromethane	7.716	113	10801	52.758	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.520%	
50) Toluene-d8	10.179	98	40113	48.293	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 96.580%	
62) 4-Bromofluorobenzene	12.483	95	10095	36.137	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 72.280%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.107	142	370	1.313	ug/l #	56
11) Tert butyl alcohol	4.942	59	74	Below Cal	#	74
16) Acetone	3.954	43	198	7.871	ug/l #	40
36) 1,1-Dichloropropene	7.783	75	1564	4.763	ug/l #	43
38) Carbon Tetrachloride	7.789	117	2156	5.685	ug/l #	23
76) 1,2,3-Trichloropropane	12.483	75	5204	37.017	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	5204	101.371	ug/l #	13
95) Naphthalene	15.251	128	120	3.051	ug/l #	69

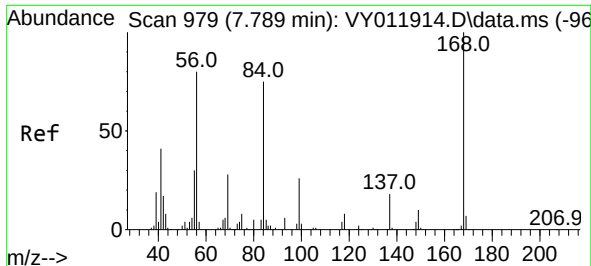
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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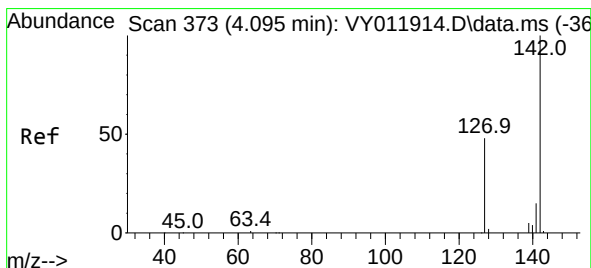
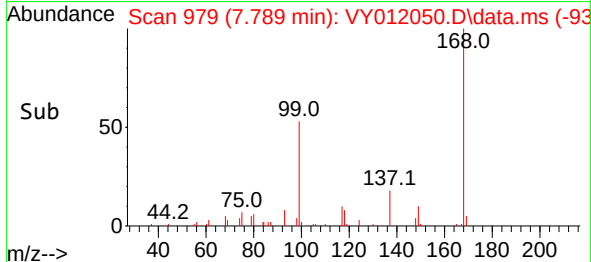
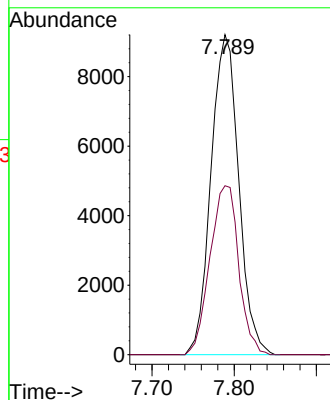
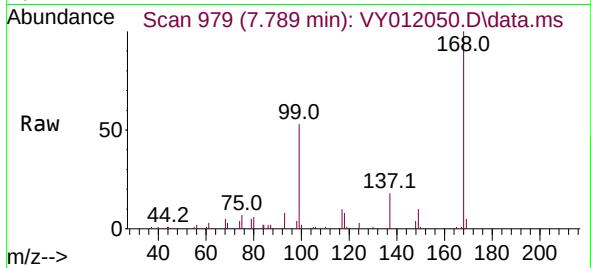




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012050.D
Acq: 03 Jan 2023 16:32

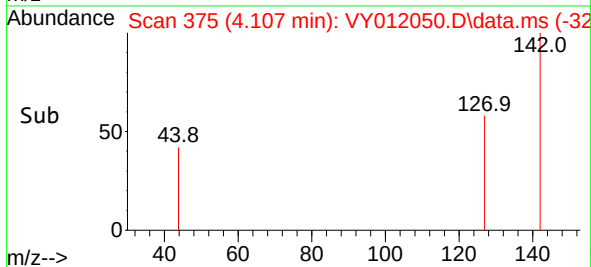
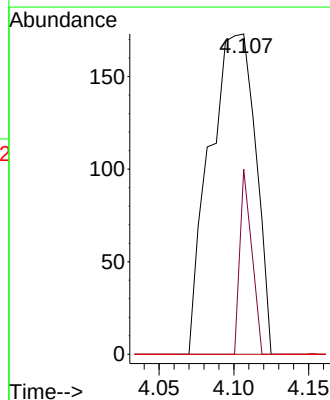
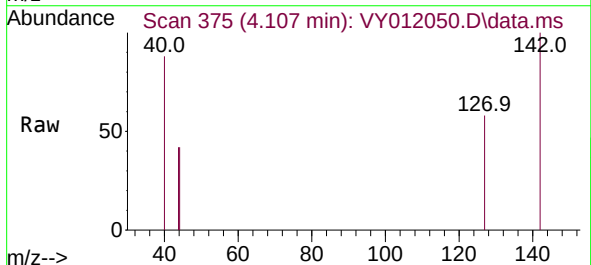
Instrument :
MSVOA_Y
ClientSampleId :
SU-2-122922

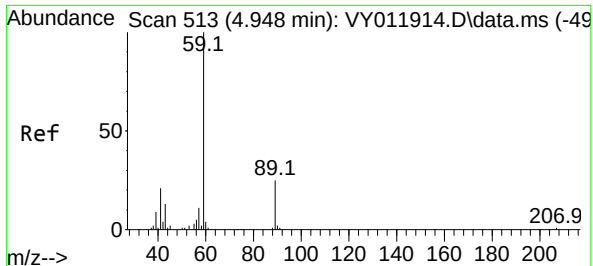
Tgt Ion:168 Resp: 21538
Ion Ratio Lower Upper
168 100
99 52.8 44.0 66.0



#10
Methyl Iodide
Concen: 1.313 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.012 min
Lab File: VY012050.D
Acq: 03 Jan 2023 16:32

Tgt Ion:142 Resp: 370
Ion Ratio Lower Upper
142 100
127 14.9 37.0 55.4#
141 0.0 11.4 17.0#

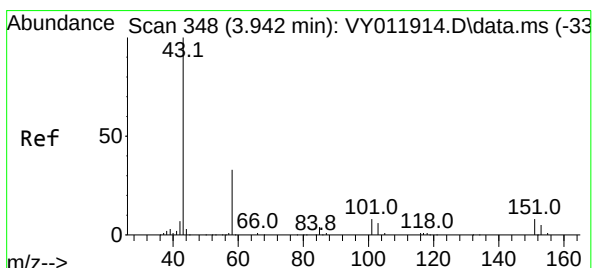
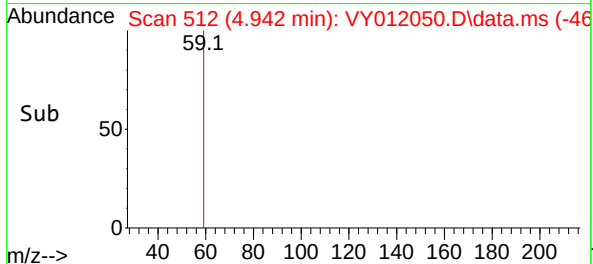
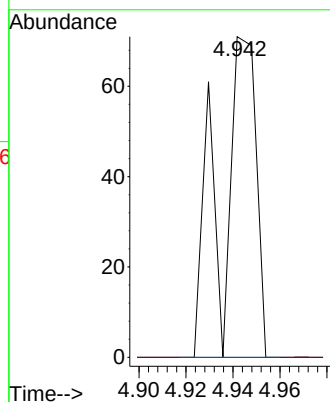
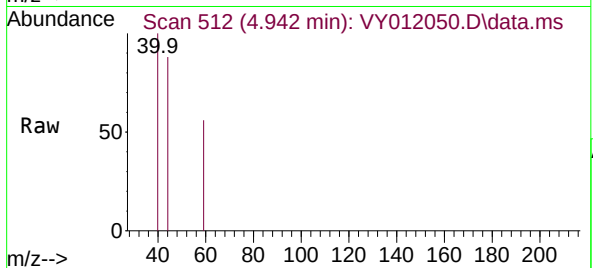




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY012050.D
Acq: 03 Jan 2023 16:32

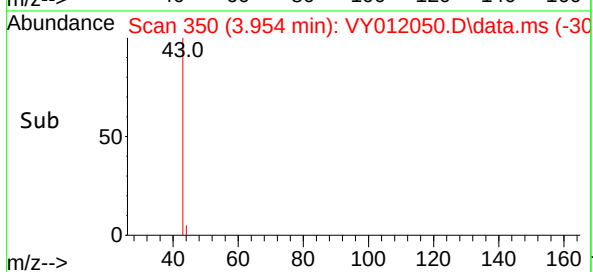
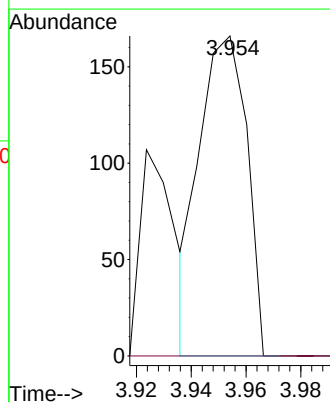
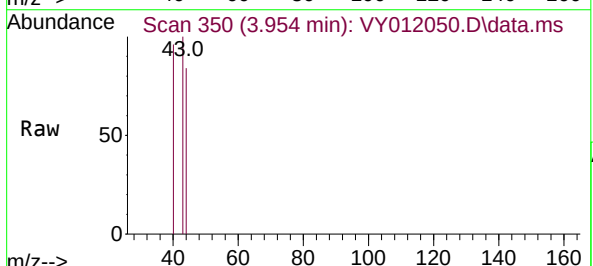
Instrument :
MSVOA_Y
ClientSampleId :
SU-2-122922

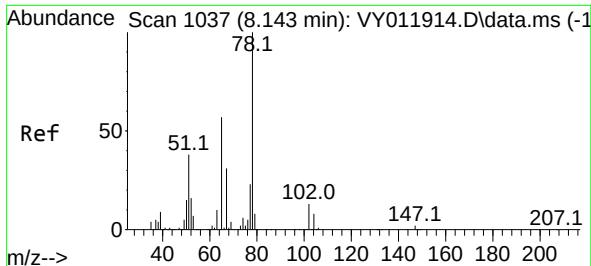
Tgt Ion: 59 Resp: 74
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#16
Acetone
Concen: 7.871 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY012050.D
Acq: 03 Jan 2023 16:32

Tgt Ion: 43 Resp: 198
Ion Ratio Lower Upper
43 100
58 0.0 27.9 41.9#





#33

1,2-Dichloroethane-d4

Concen: 54.804 ug/l

RT: 8.142 min Scan# 11892

Delta R.T. -0.001 min

Lab File: VY012050.D

Acq: 03 Jan 2023 16:32

Instrument :

MSVOA_Y

ClientSampleId :

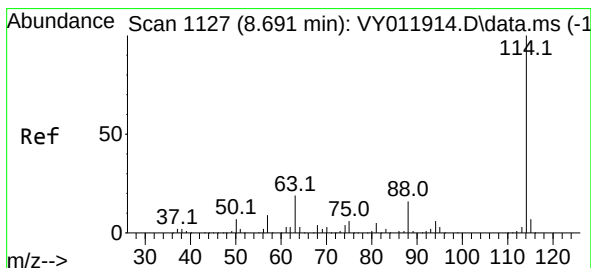
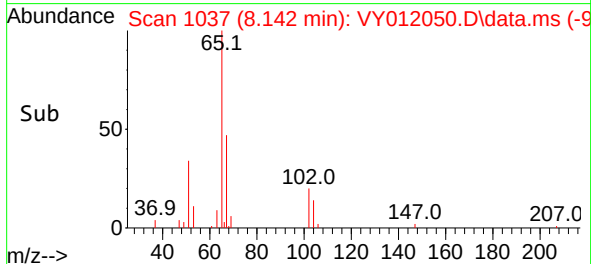
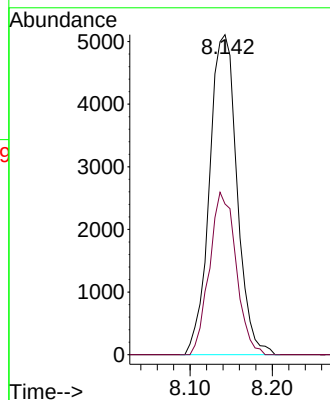
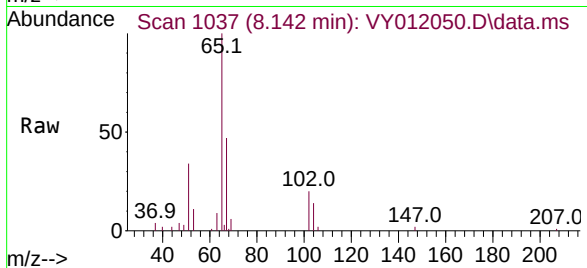
SU-2-122922

Tgt Ion: 65 Resp: 11892

Ion Ratio Lower Upper

65 100

67 49.0 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY012050.D

Acq: 03 Jan 2023 16:32

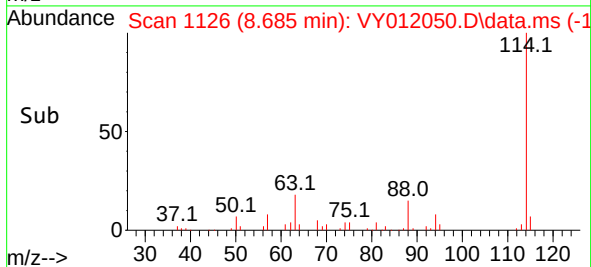
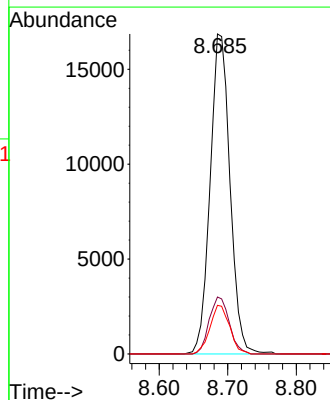
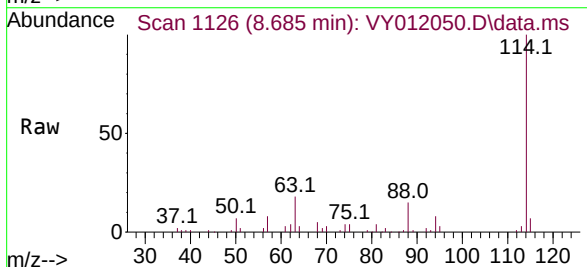
Tgt Ion: 114 Resp: 34006

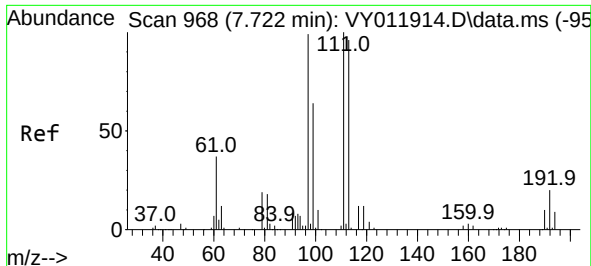
Ion Ratio Lower Upper

114 100

63 17.8 0.0 39.6

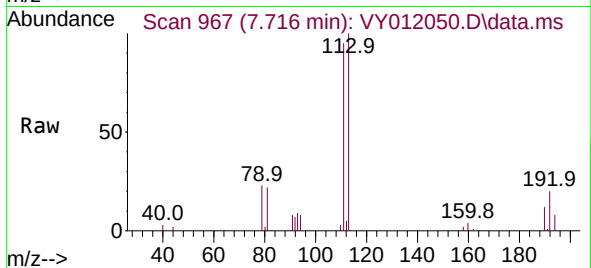
88 15.2 0.0 32.2



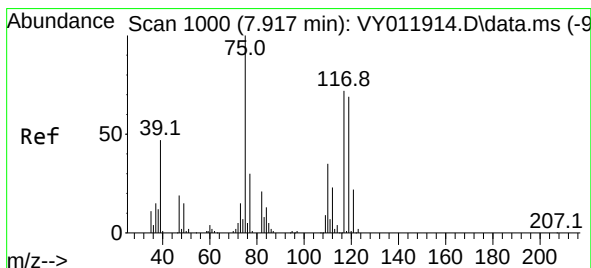
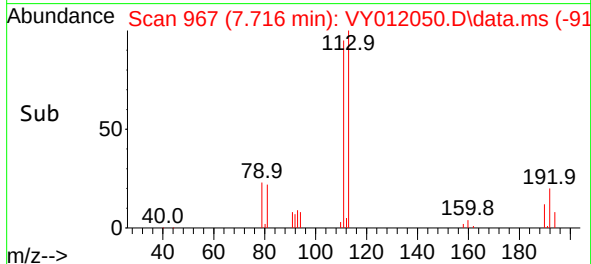
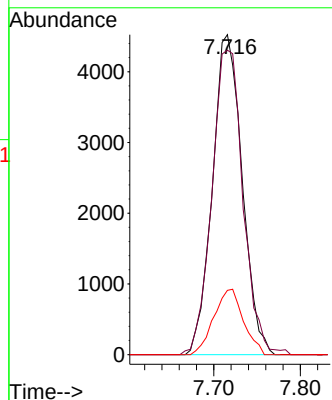


#35
 Dibromofluoromethane
 Concen: 52.758 ug/l
 RT: 7.716 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VY012050.D
 Acq: 03 Jan 2023 16:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-2-122922

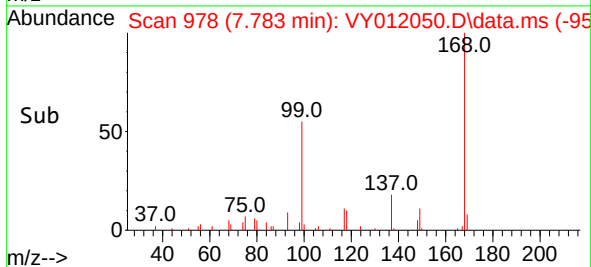
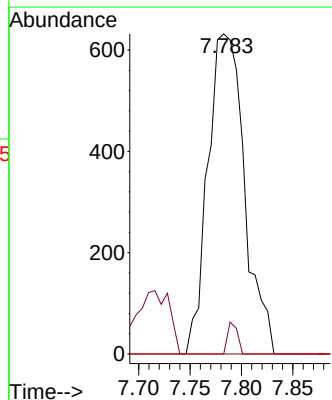
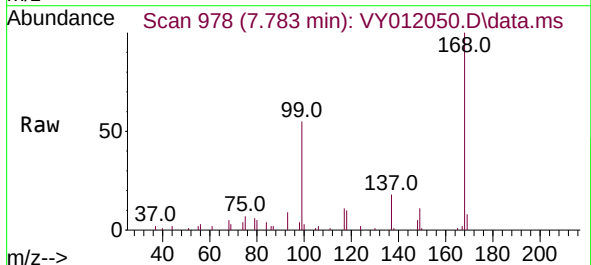


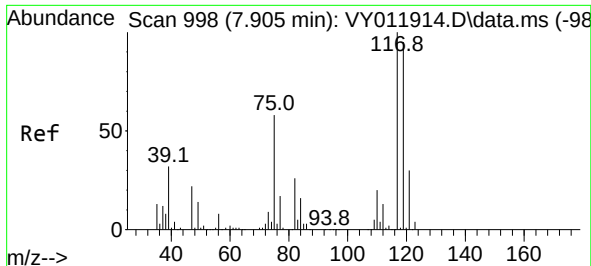
Tgt Ion:	113	Resp:	10801
Ion	Ratio	Lower	Upper
113	100		
111	99.5	83.0	124.4
192	20.3	16.0	24.0



#36
 1,1-Dichloropropene
 Concen: 4.763 ug/l
 RT: 7.783 min Scan# 978
 Delta R.T. -0.134 min
 Lab File: VY012050.D
 Acq: 03 Jan 2023 16:32

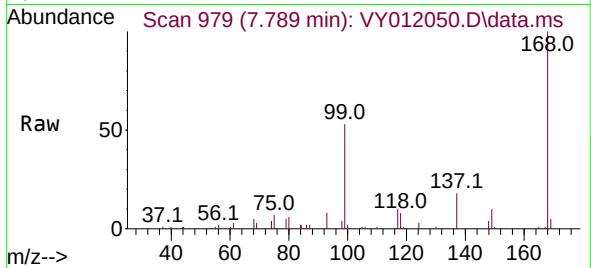
Tgt Ion:	75	Resp:	1564
Ion	Ratio	Lower	Upper
75	100		
110	2.7	18.1	54.1#
77	0.0	25.1	37.7#



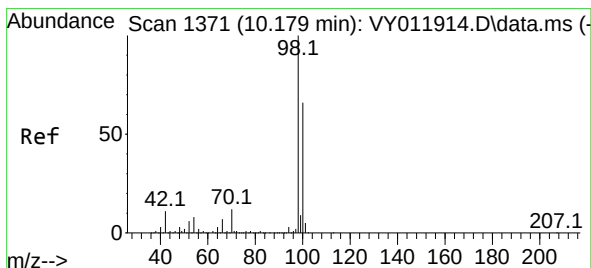
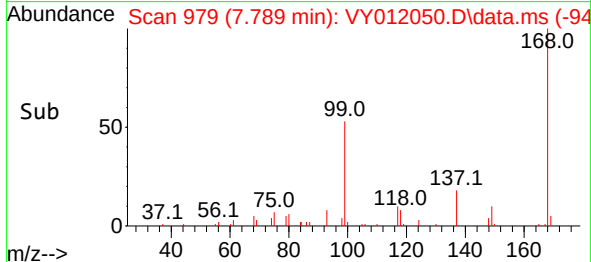
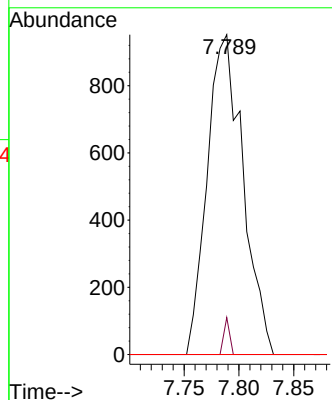


#38
Carbon Tetrachloride
Concen: 5.685 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY012050.D
Acq: 03 Jan 2023 16:32

Instrument :
MSVOA_Y
ClientSampleId :
SU-2-122922

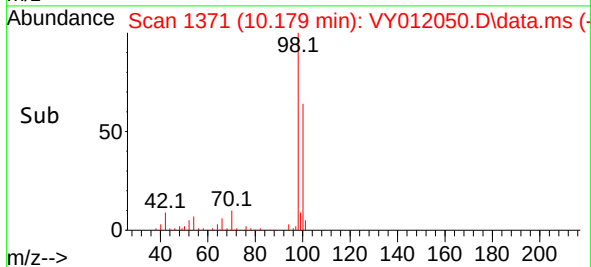
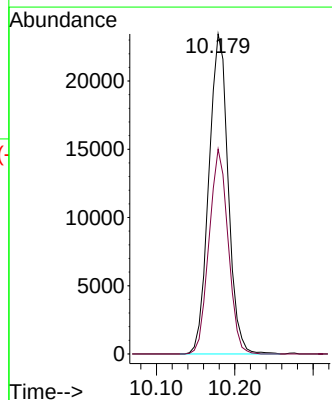
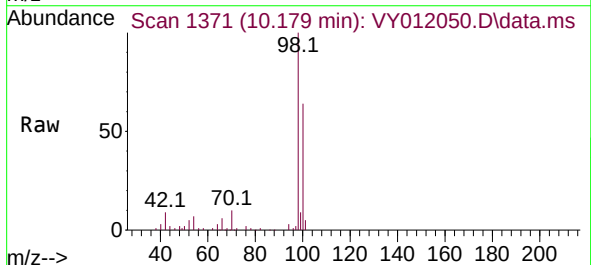


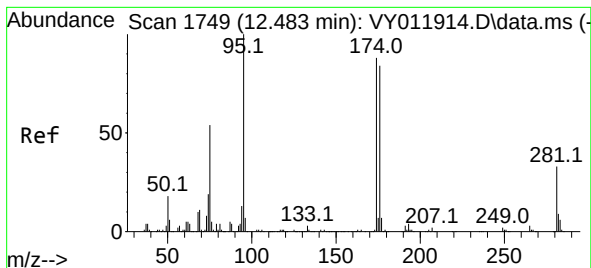
Tgt Ion:117 Resp: 2156
Ion Ratio Lower Upper
117 100
119 11.6 73.8 110.8#
121 0.0 25.2 37.8#



#50
Toluene-d8
Concen: 48.293 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012050.D
Acq: 03 Jan 2023 16:32

Tgt Ion: 98 Resp: 40113
Ion Ratio Lower Upper
98 100
100 63.1 51.9 77.9

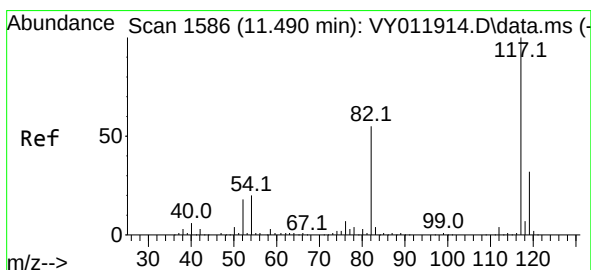
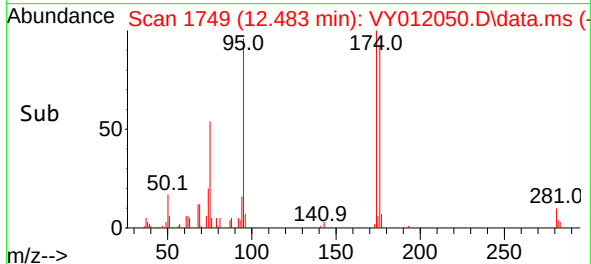
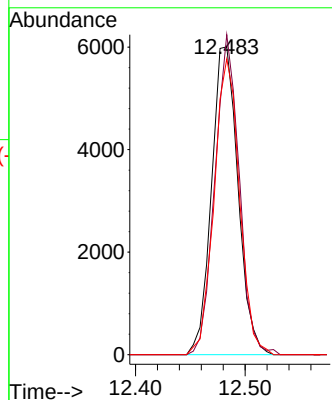
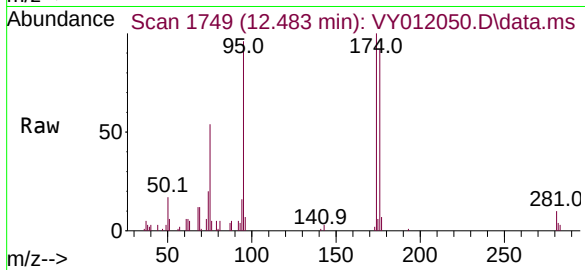




#62
4-Bromofluorobenzene
Concen: 36.137 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012050.D
Acq: 03 Jan 2023 16:32

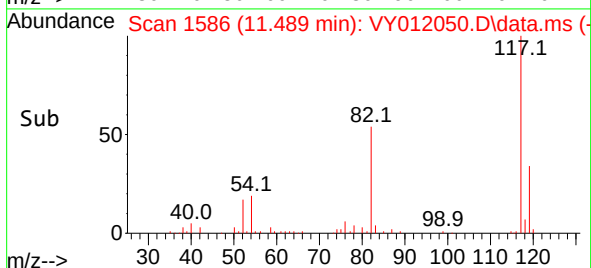
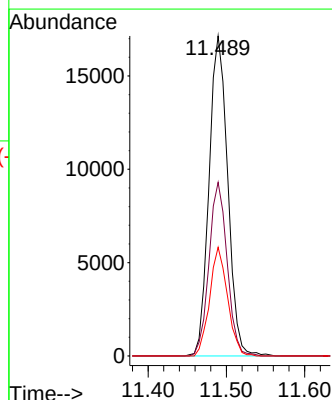
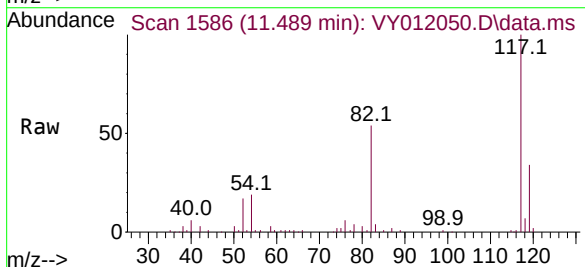
Instrument :
MSVOA_Y
ClientSampleId :
SU-2-122922

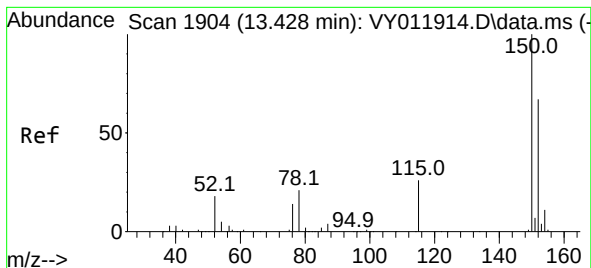
Tgt Ion: 95 Resp: 10095
Ion Ratio Lower Upper
95 100
174 95.0 0.0 172.0
176 92.1 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012050.D
Acq: 03 Jan 2023 16:32

Tgt Ion: 117 Resp: 28368
Ion Ratio Lower Upper
117 100
82 54.3 44.8 67.2
119 34.0 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY012050.D

Acq: 03 Jan 2023 16:32

Instrument :

MSVOA_Y

ClientSampleId :

SU-2-122922

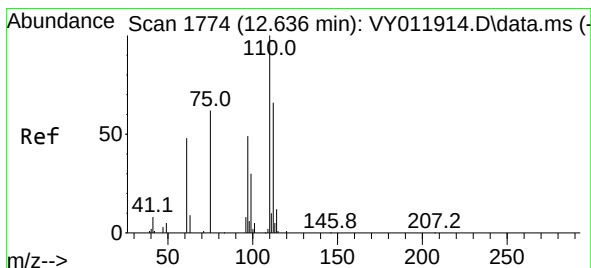
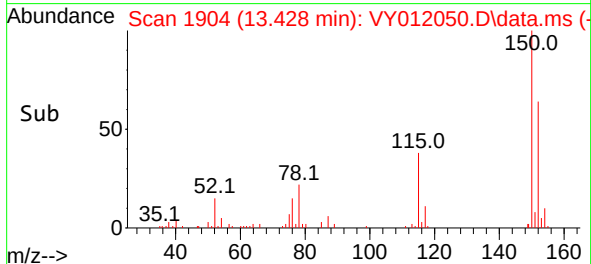
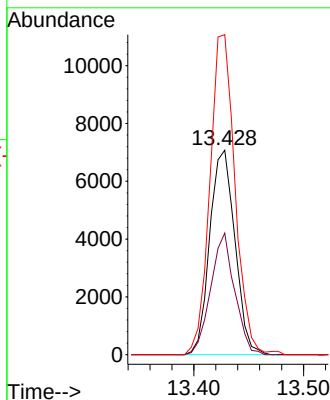
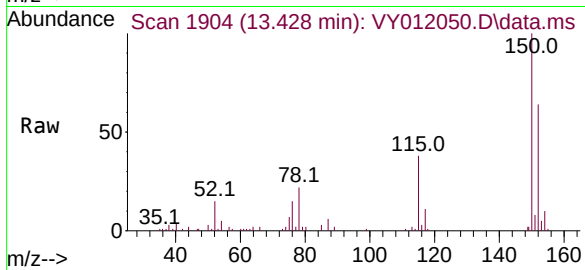
Tgt Ion:152 Resp: 11298

Ion Ratio Lower Upper

152 100

115 56.5 29.1 87.3

150 156.3 0.0 342.6



#76

1,2,3-Trichloropropane

Concen: 37.017 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.153 min

Lab File: VY012050.D

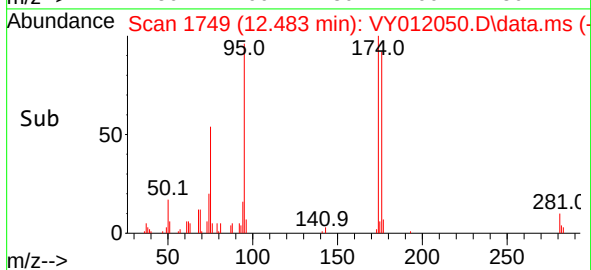
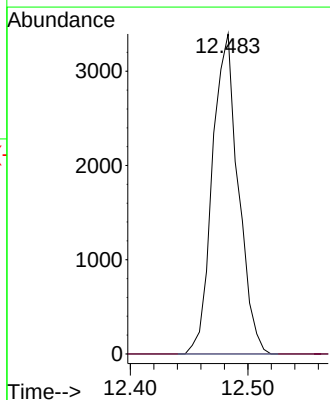
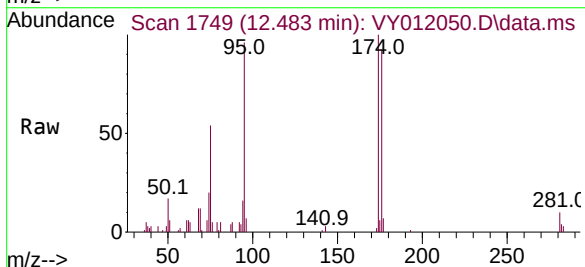
Acq: 03 Jan 2023 16:32

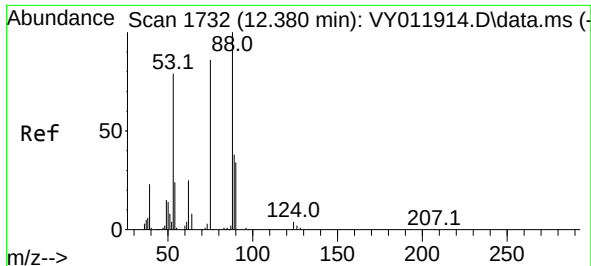
Tgt Ion: 75 Resp: 5204

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

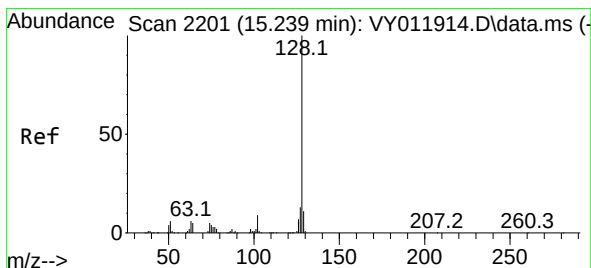
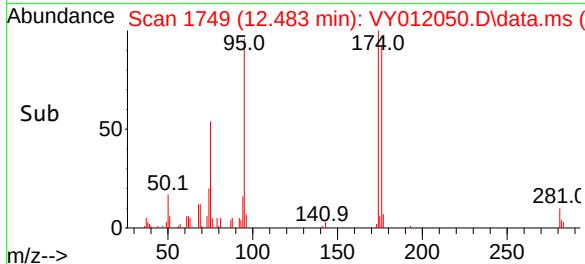
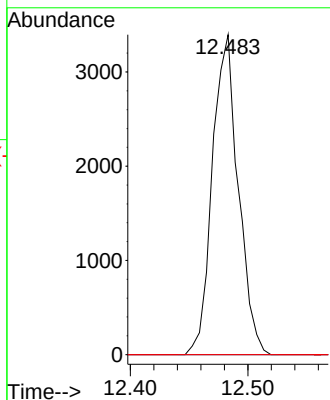
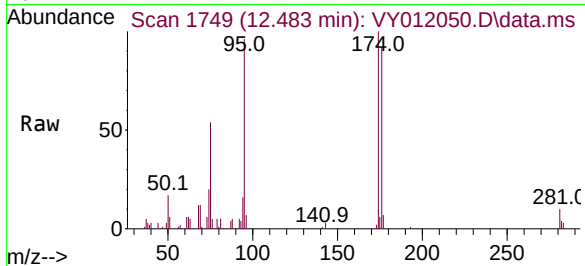




#81
trans-1,4-Dichloro-2-butene
Concen: 101.371 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY012050.D
Acq: 03 Jan 2023 16:32

Instrument :
MSVOA_Y
ClientSampleId :
SU-2-122922

Tgt Ion: 75 Resp: 5204
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 3.051 ug/l
RT: 15.251 min Scan# 2203
Delta R.T. 0.012 min
Lab File: VY012050.D
Acq: 03 Jan 2023 16:32

Tgt Ion: 128 Resp: 120
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.8 13.2#

