

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010323\
 Data File : VY012051.D
 Acq On : 03 Jan 2023 16:55
 Operator : KP/MD
 Sample : N6237-01RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-122922RE

Quant Time: Jan 04 01:20:00 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)

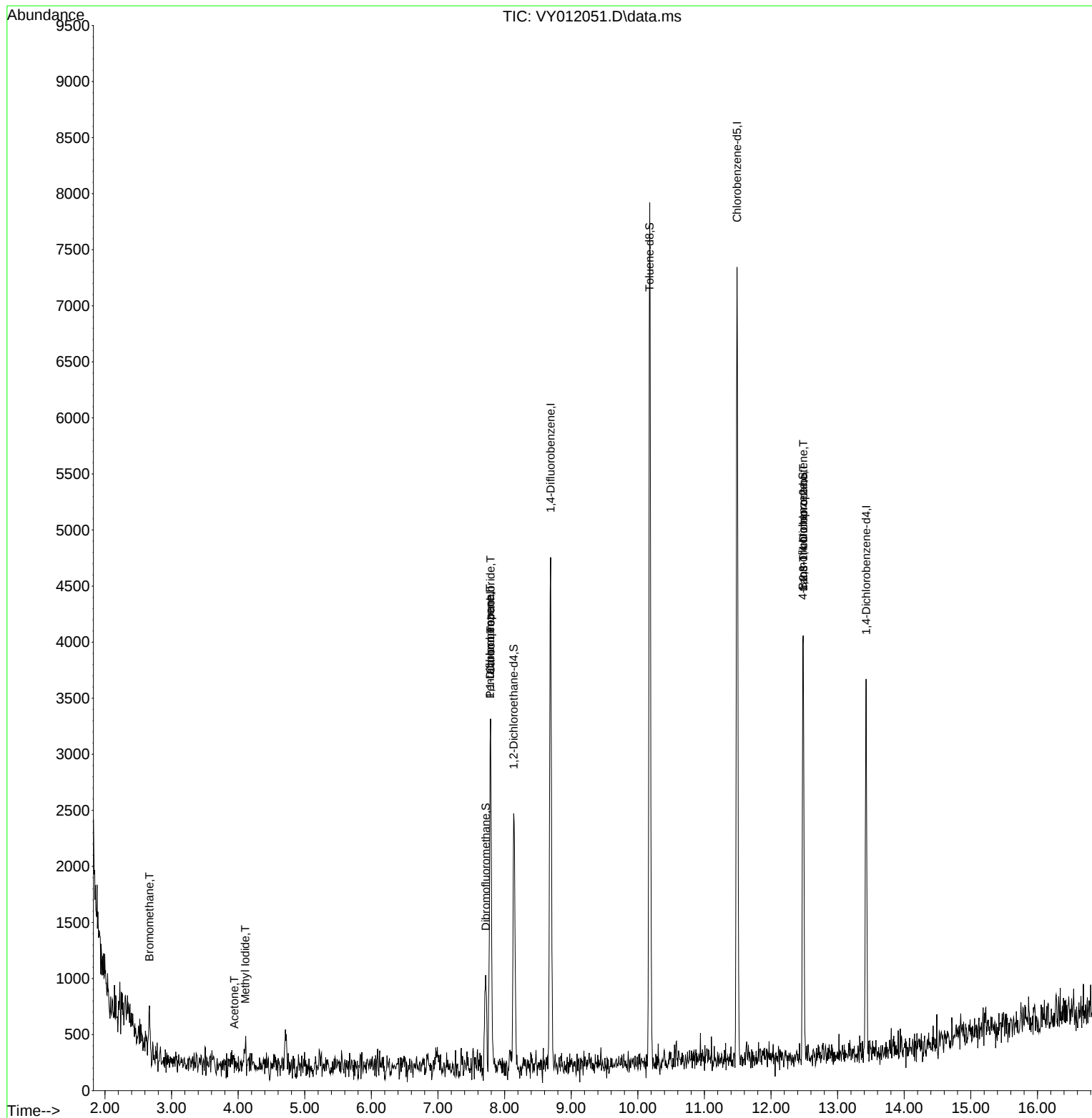
Internal Standards						
1) Pentafluorobenzene	7.783	168	2874	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	4769	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	4399	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1170	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	2100	72.527	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 145.060%	
35) Dibromofluoromethane	7.716	113	672	23.406	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 46.820%#	
50) Toluene-d8	10.179	98	5660	48.589	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 97.180%	
62) 4-Bromofluorobenzene	12.477	95	1546	39.462	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 78.920%	
Target Compounds						Qvalue
5) Bromomethane	2.668	94	139	6.926	ug/l #	63
10) Methyl Iodide	4.107	142	234	6.222	ug/l #	86
16) Acetone	3.942	43	18	6.916	ug/l #	40
20) Methylene Chloride	4.704	84	139	Below Cal	#	64
36) 1,1-Dichloropropene	7.783	75	176	3.822	ug/l #	41
38) Carbon Tetrachloride	7.789	117	225	4.230	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	721	49.524	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	721	135.621	ug/l #	13

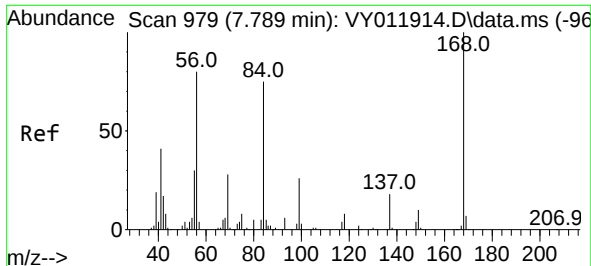
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Dec 20 12:37:37 2022
Response via : Initial Calibration

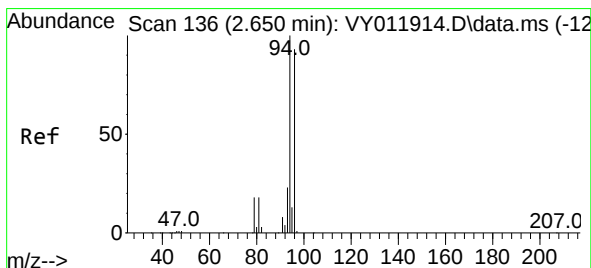
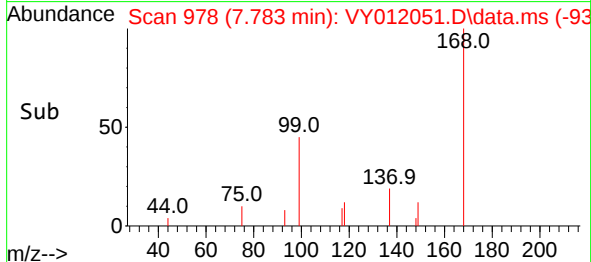
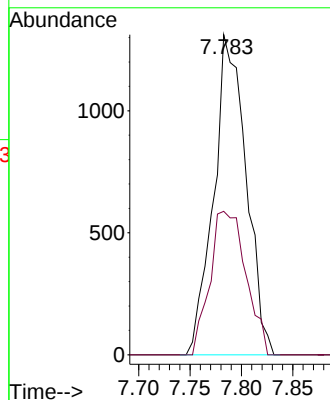
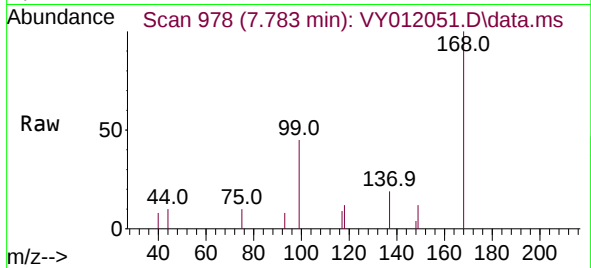




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012051.D
Acq: 03 Jan 2023 16:55

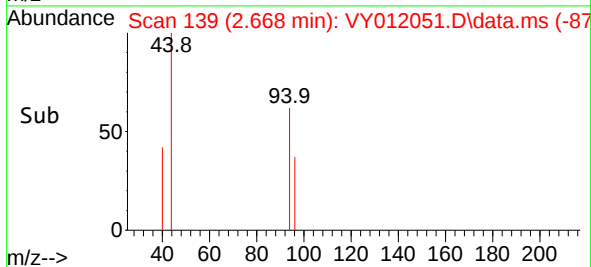
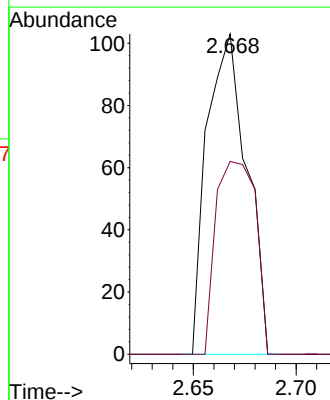
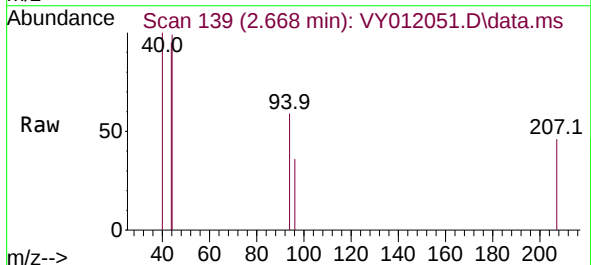
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-122922RE

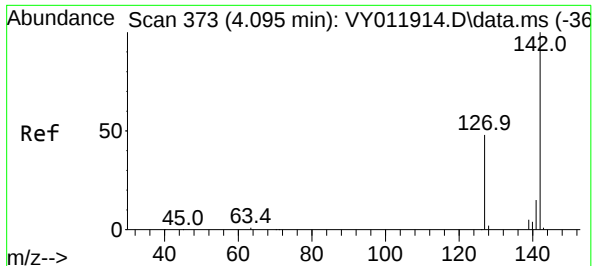
Tgt Ion:168 Resp: 2874
Ion Ratio Lower Upper
168 100
99 44.8 44.0 66.0



#5
Bromomethane
Concen: 6.926 ug/l
RT: 2.668 min Scan# 139
Delta R.T. 0.018 min
Lab File: VY012051.D
Acq: 03 Jan 2023 16:55

Tgt Ion: 94 Resp: 139
Ion Ratio Lower Upper
94 100
96 60.2 77.4 116.2#





#10

Methyl Iodide

Concen: 6.222 ug/l

RT: 4.107 min Scan# 31

Delta R.T. 0.012 min

Lab File: VY012051.D

Acq: 03 Jan 2023 16:55

Instrument :

MSVOA_Y

ClientSampleId :

TR-05-122922RE

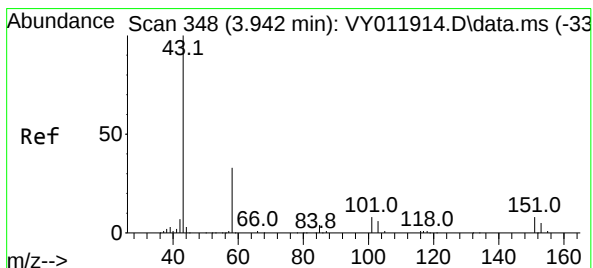
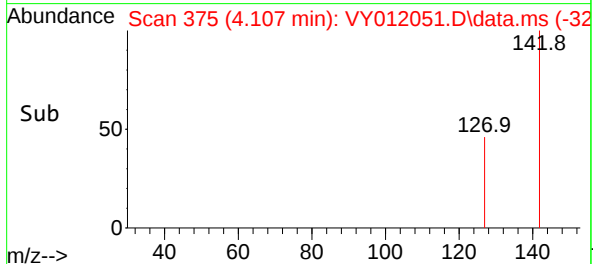
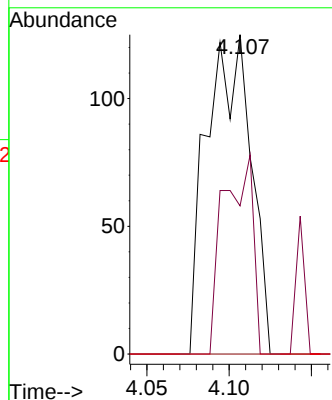
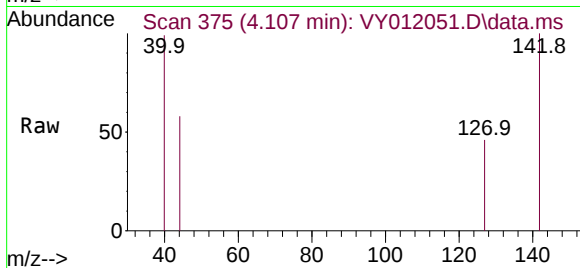
Tgt Ion:142 Resp: 234

Ion Ratio Lower Upper

142 100

127 41.5 37.0 55.4

141 0.0 11.4 17.0#



#16

Acetone

Concen: 6.916 ug/l

RT: 3.942 min Scan# 348

Delta R.T. -0.006 min

Lab File: VY012051.D

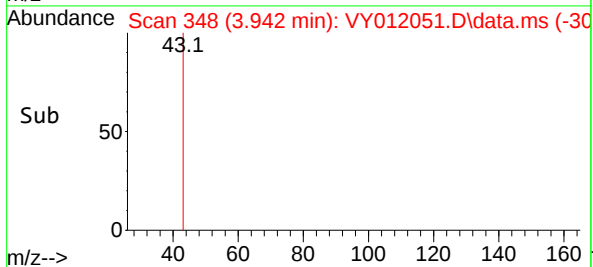
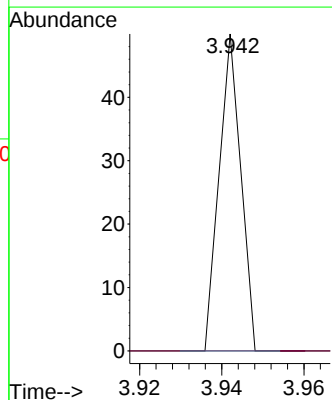
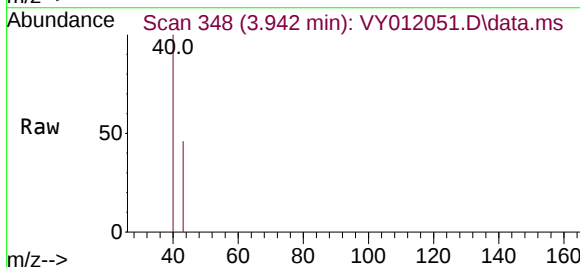
Acq: 03 Jan 2023 16:55

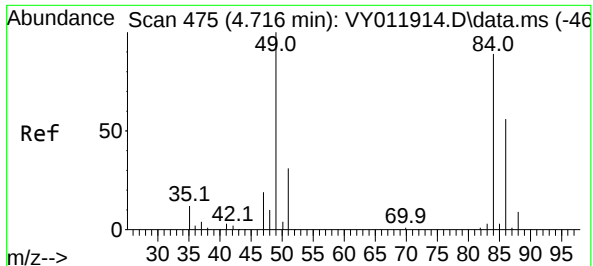
Tgt Ion: 43 Resp: 18

Ion Ratio Lower Upper

43 100

58 0.0 27.9 41.9#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.704 min Scan# 41

Delta R.T. -0.012 min

Lab File: VY012051.D

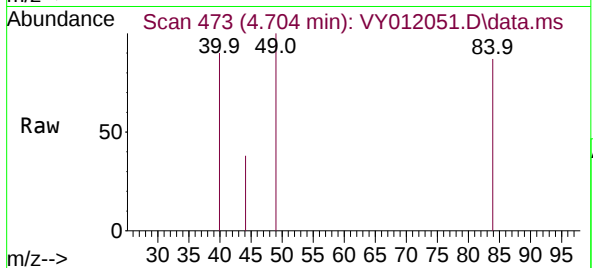
Acq: 03 Jan 2023 16:55

Instrument :

MSVOA_Y

ClientSampleId :

TR-05-122922RE



Tgt Ion: 84 Resp: 139

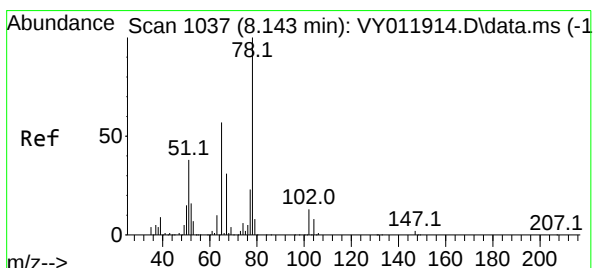
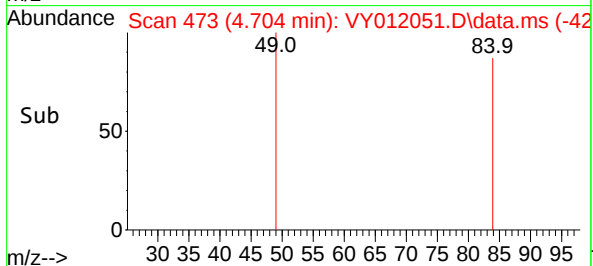
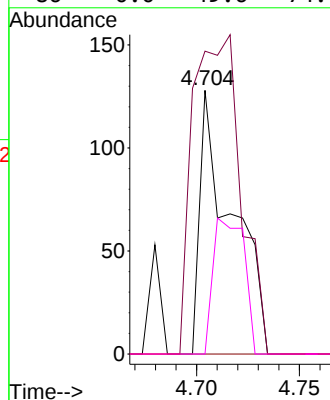
Ion Ratio Lower Upper

84 100

49 114.8 95.4 143.2

51 0.0 29.9 44.9#

86 0.0 49.6 74.4#



#33

1,2-Dichloroethane-d4

Concen: 72.527 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY012051.D

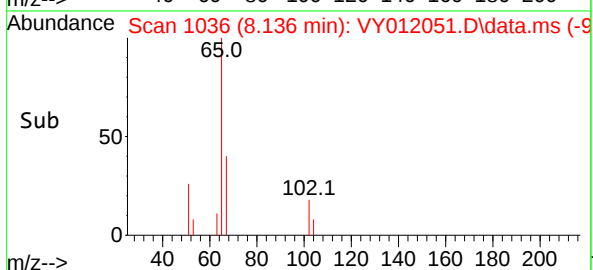
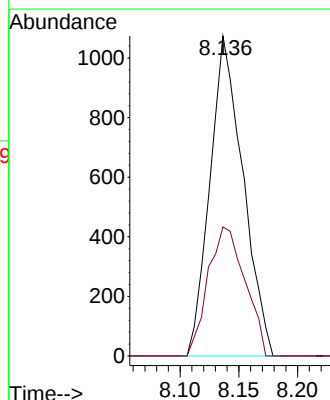
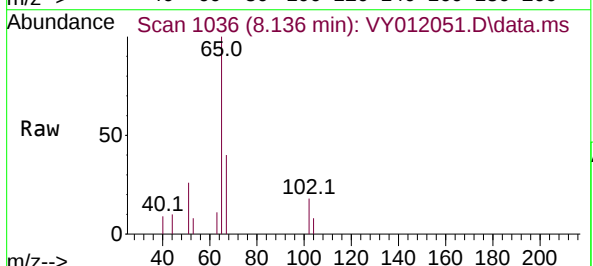
Acq: 03 Jan 2023 16:55

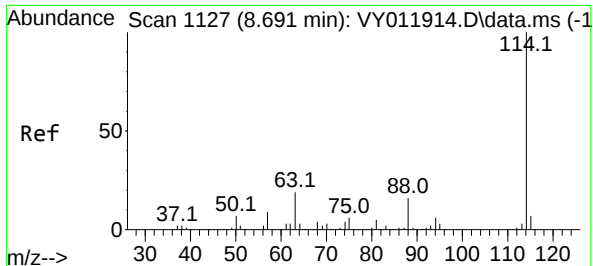
Tgt Ion: 65 Resp: 2100

Ion Ratio Lower Upper

65 100

67 45.2 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012051.D

Acq: 03 Jan 2023 16:55

Instrument :

MSVOA_Y

ClientSampleId :

TR-05-122922RE

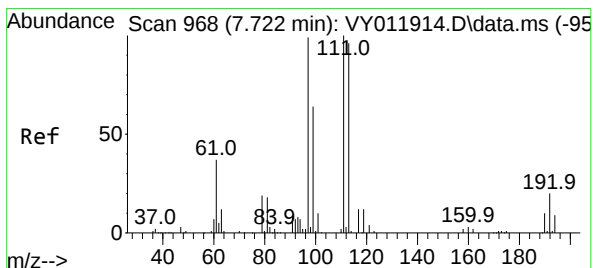
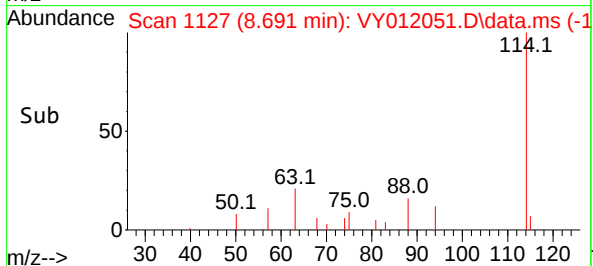
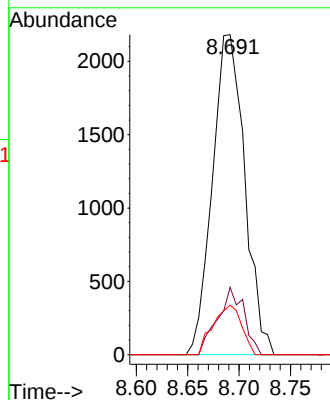
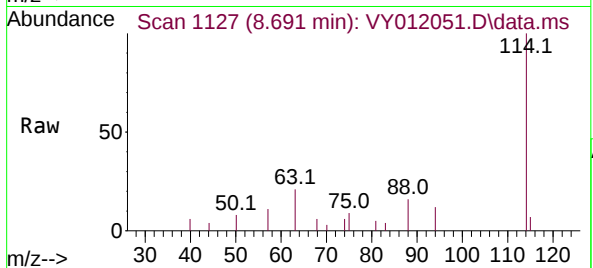
Tgt Ion:114 Resp: 4769

Ion Ratio Lower Upper

114 100

63 21.0 0.0 39.6

88 15.5 0.0 32.2



#35

Dibromofluoromethane

Concen: 23.406 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012051.D

Acq: 03 Jan 2023 16:55

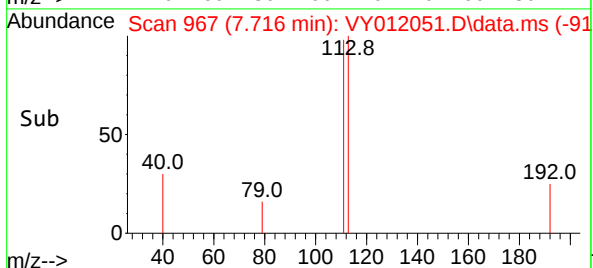
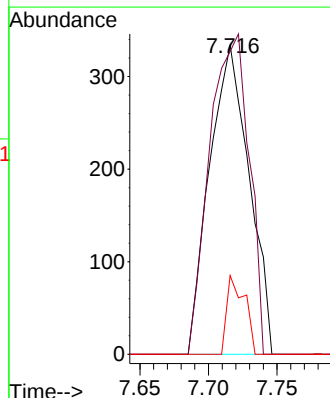
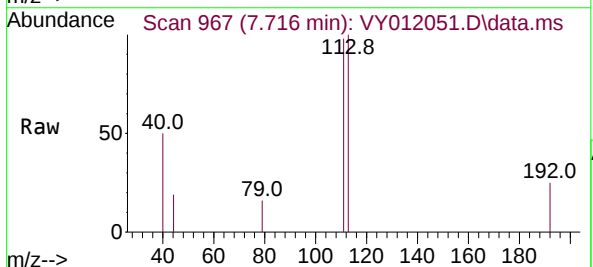
Tgt Ion:113 Resp: 672

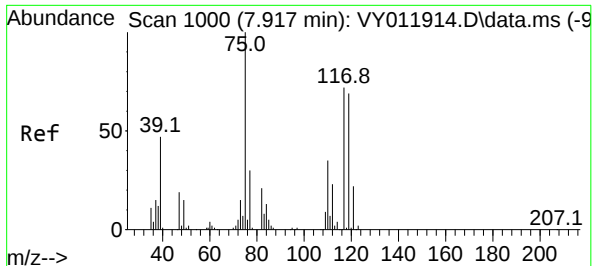
Ion Ratio Lower Upper

113 100

111 103.1 83.0 124.4

192 11.5 16.0 24.0#





#36

1,1-Dichloropropene

Concen: 3.822 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY012051.D

Acq: 03 Jan 2023 16:55

Instrument :

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ClientSampleId :

TR-05-122922RE

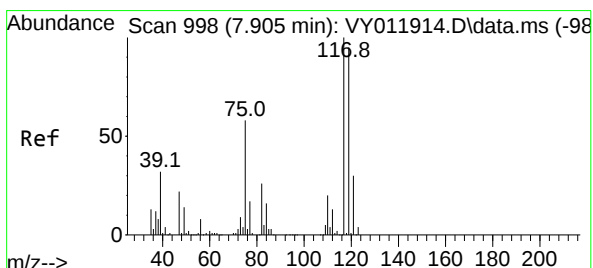
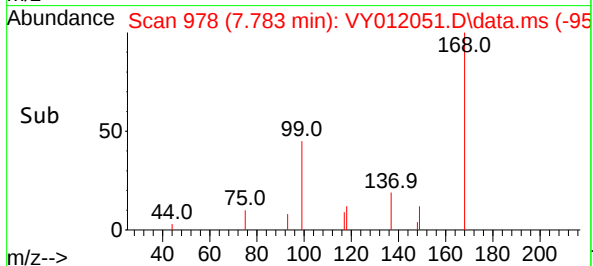
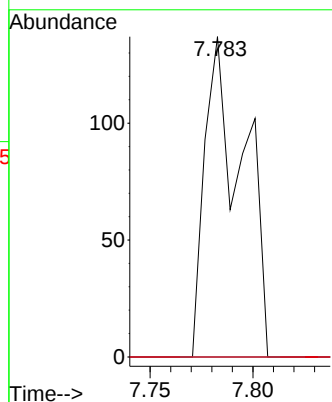
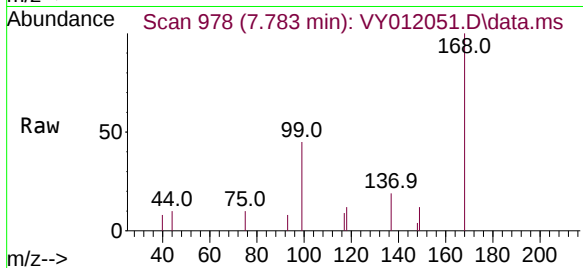
Tgt Ion: 75 Resp: 176

Ion Ratio Lower Upper

75 100

110 0.0 18.1 54.1#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 4.230 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.116 min

Lab File: VY012051.D

Acq: 03 Jan 2023 16:55

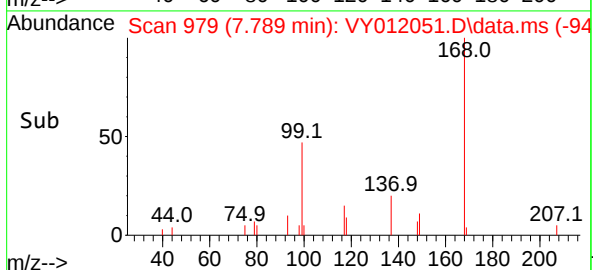
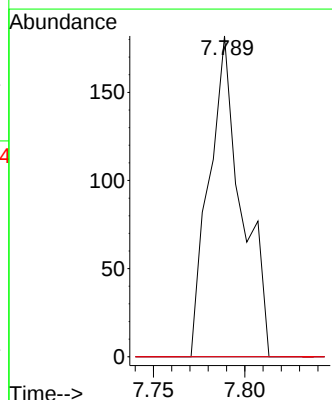
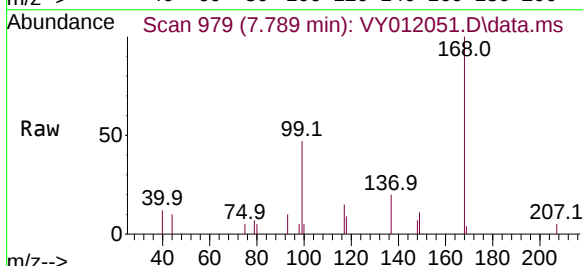
Tgt Ion: 117 Resp: 225

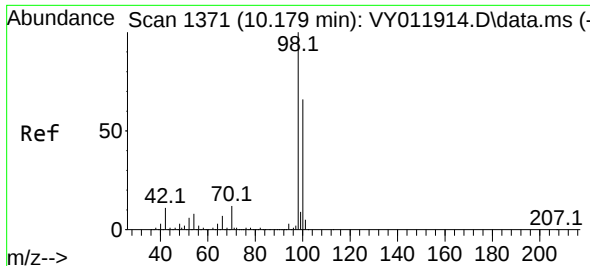
Ion Ratio Lower Upper

117 100

119 0.0 73.8 110.8#

121 0.0 25.2 37.8#

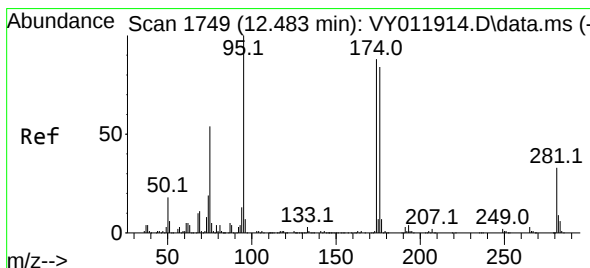
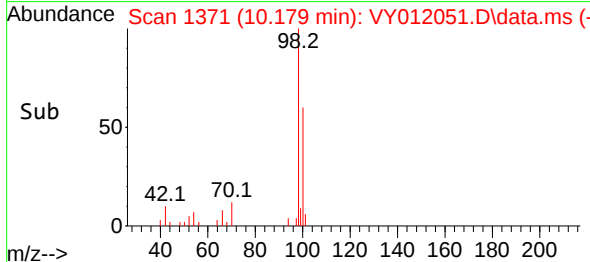
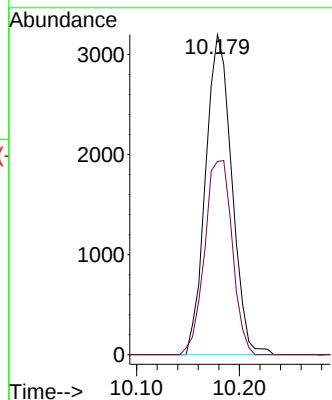
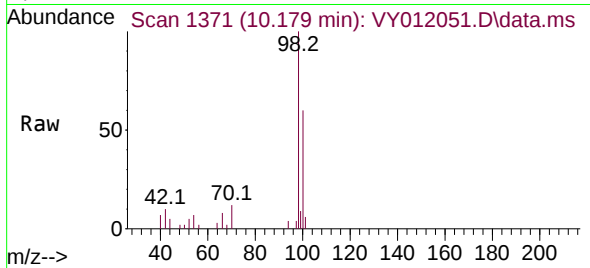




#50
Toluene-d8
Concen: 48.589 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012051.D
Acq: 03 Jan 2023 16:55

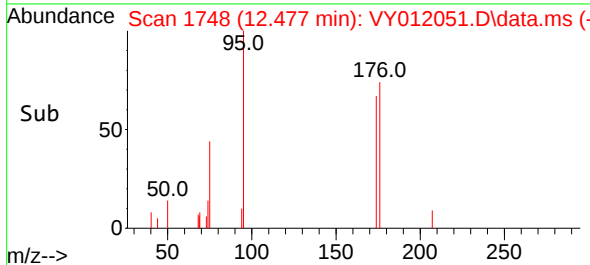
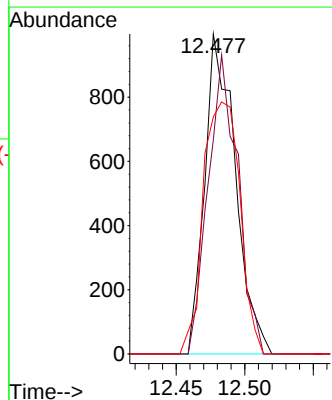
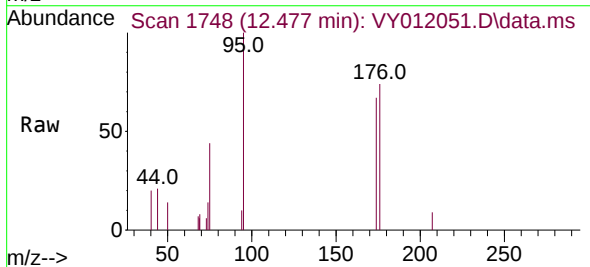
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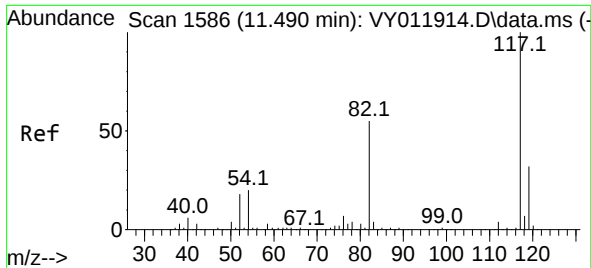
Tgt Ion: 98 Resp: 5660
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 39.462 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY012051.D
Acq: 03 Jan 2023 16:55

Tgt Ion: 95 Resp: 1546
Ion Ratio Lower Upper
95 100
174 90.4 0.0 172.0
176 94.1 0.0 167.6

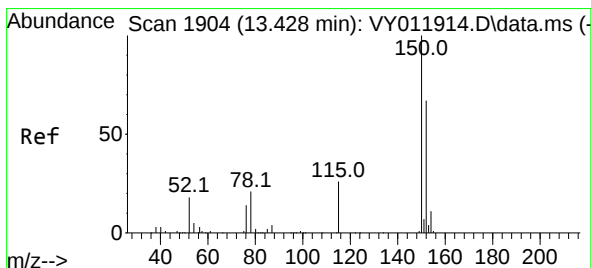
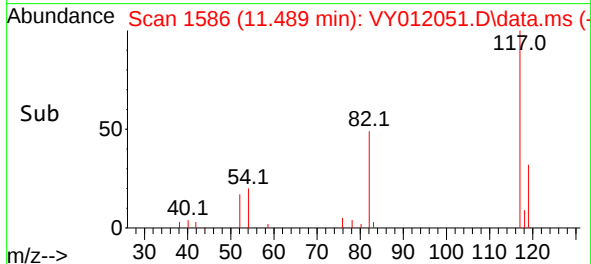
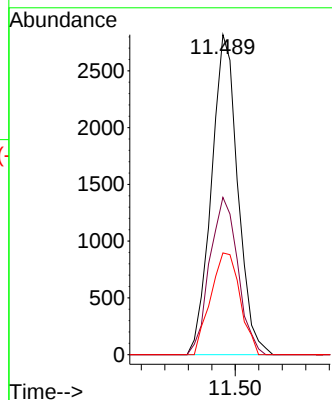
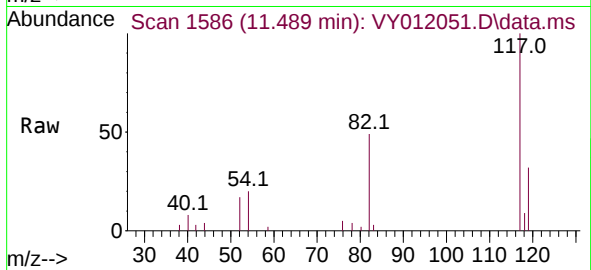




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY012051.D
Acq: 03 Jan 2023 16:55

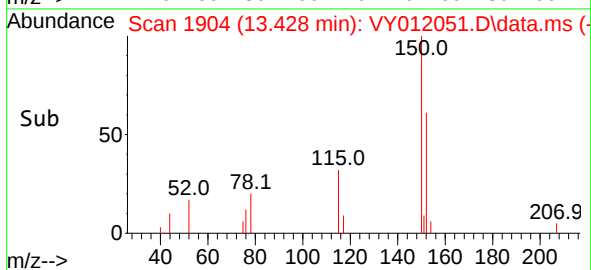
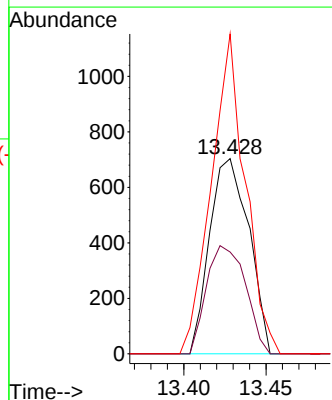
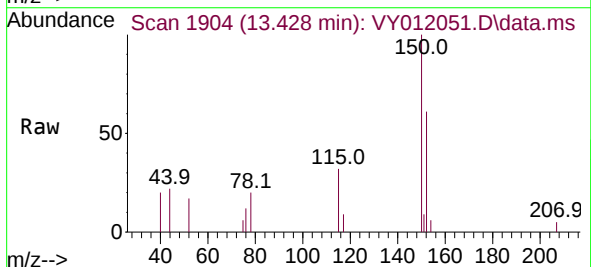
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-122922RE

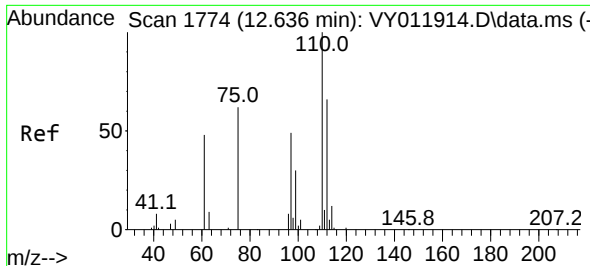
Tgt Ion:117	Resp:	4399
Ion	Ratio	Lower Upper
117	100	
82	49.2	44.8 67.2
119	31.8	25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY012051.D
Acq: 03 Jan 2023 16:55

Tgt Ion:152	Resp:	1170
Ion	Ratio	Lower Upper
152	100	
115	55.1	29.1 87.3
150	141.2	0.0 342.6

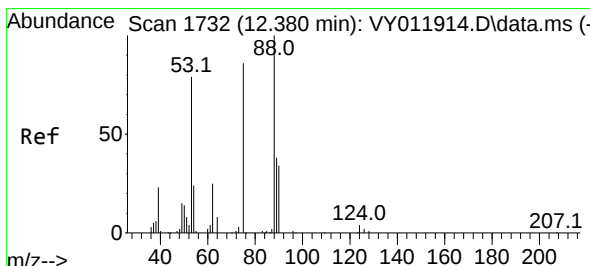
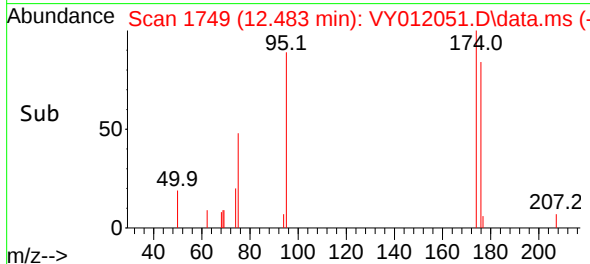
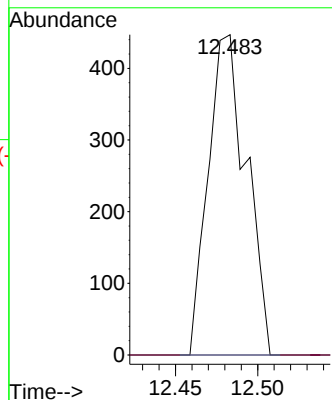
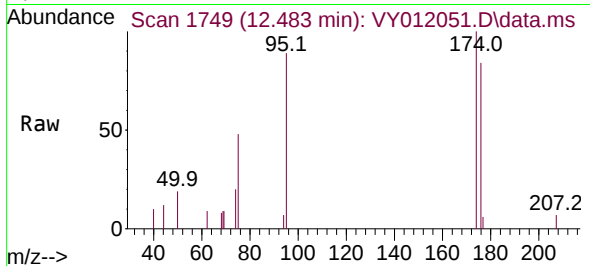




#76
1,2,3-Trichloropropane
Concen: 49.524 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY012051.D
Acq: 03 Jan 2023 16:55

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-122922RE

Tgt Ion: 75 Resp: 721
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 135.621 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY012051.D
Acq: 03 Jan 2023 16:55

Tgt Ion: 75 Resp: 721
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.0 37.0 55.4#

