

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010323\
 Data File : VY012052.D
 Acq On : 03 Jan 2023 17:19
 Operator : KP/MD
 Sample : N6248-12
 Misc : 12.84g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-20

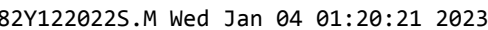
Quant Time: Jan 04 01:20:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

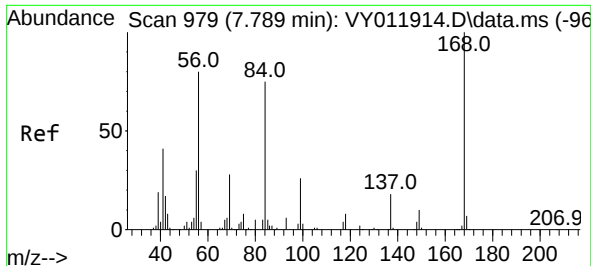
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	168184	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	296148	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	291392	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	132260	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	119672	70.627	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 141.260%	
35) Dibromofluoromethane	7.716	113	95815	53.741	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.480%	
50) Toluene-d8	10.179	98	361601	49.989	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.980%	
62) 4-Bromofluorobenzene	12.477	95	119698	49.201	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.400%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	27	2.487	ug/l #	41
11) Tert butyl alcohol	4.942	59	25	Below Cal	#	74
16) Acetone	3.948	43	799	6.423	ug/l #	52
20) Methylene Chloride	4.710	84	10062	Below Cal		85
31) Cyclohexane	7.783	56	3260	1.143	ug/l #	19
36) 1,1-Dichloropropene	7.789	75	11754	4.110	ug/l #	51
38) Carbon Tetrachloride	7.789	117	16940	5.129	ug/l #	17
51) 4-Methyl-2-Pentanone	10.179	43	1356	1.085	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	63126	38.357	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	63126	105.040	ug/l #	13
95) Naphthalene	15.233	128	290	2.834	ug/l #	69

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

Quant Time: Jan 04 01:20:14 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

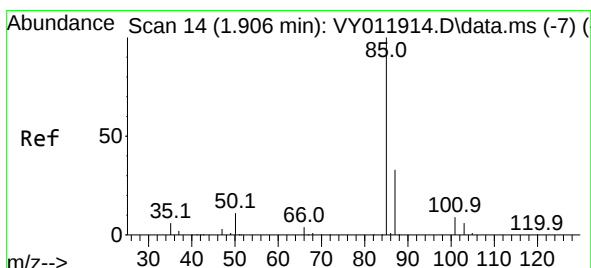
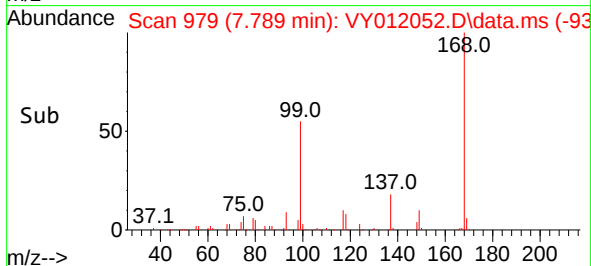
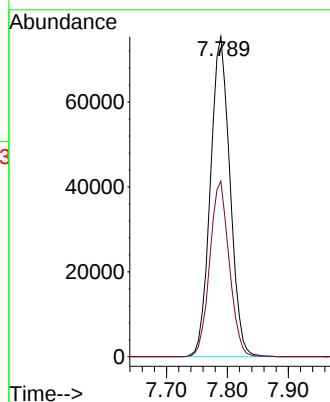
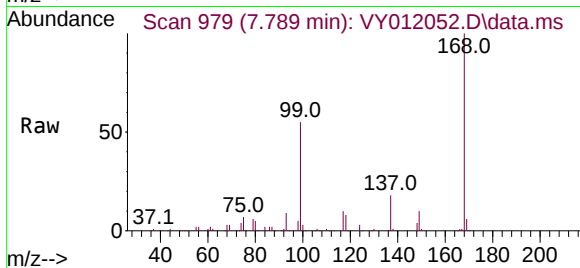




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012052.D
Acq: 03 Jan 2023 17:19

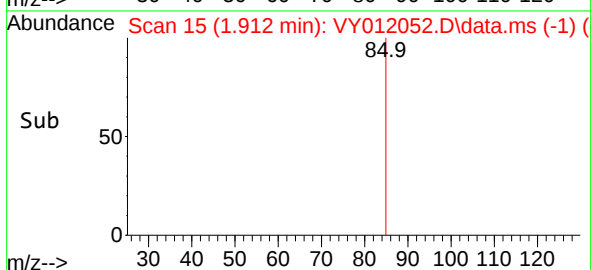
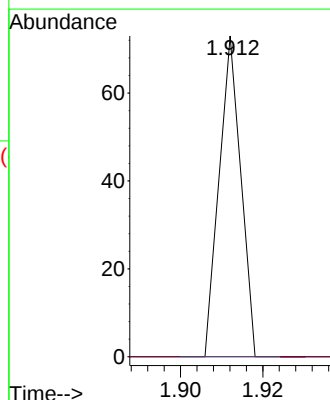
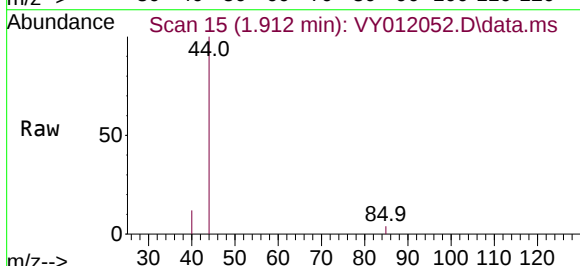
Instrument :
MSVOA_Y
ClientSampleId :
TP-20

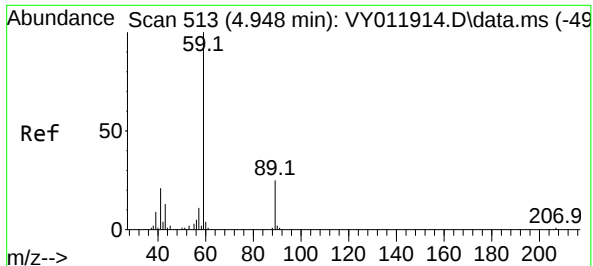
Tgt Ion:168 Resp: 168184
Ion Ratio Lower Upper
168 100
99 54.8 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 2.487 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY012052.D
Acq: 03 Jan 2023 17:19

Tgt Ion: 85 Resp: 27
Ion Ratio Lower Upper
85 100
87 0.0 16.8 50.4#

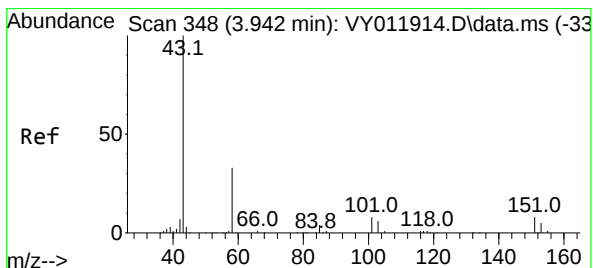
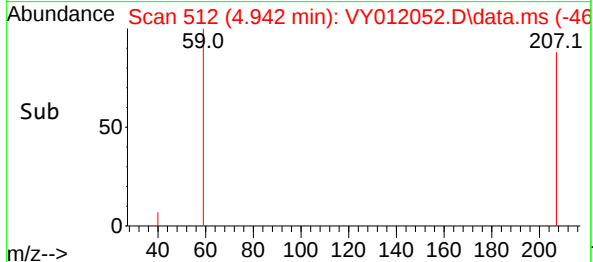
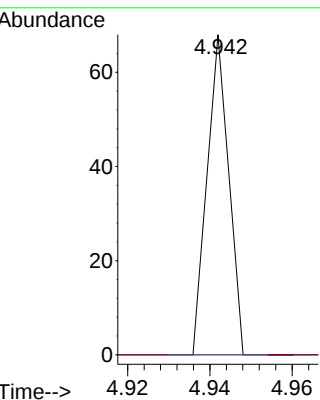
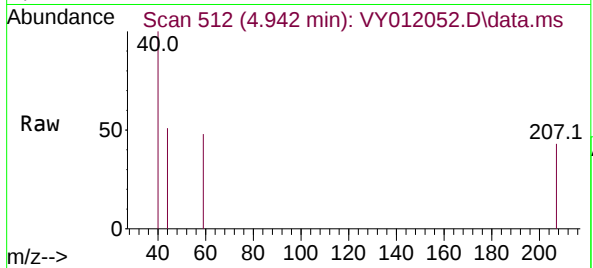




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY012052.D
Acq: 03 Jan 2023 17:19

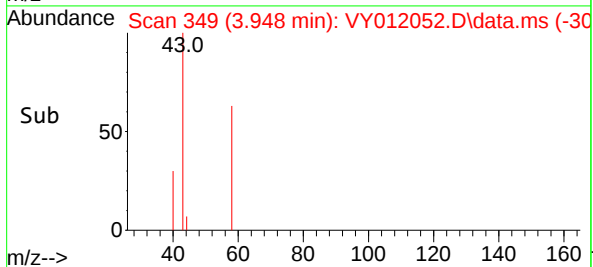
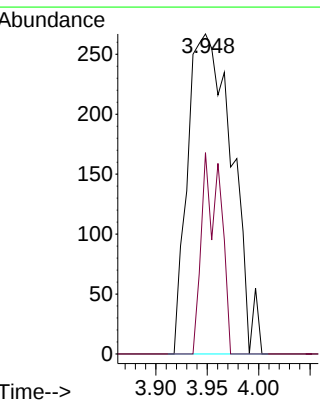
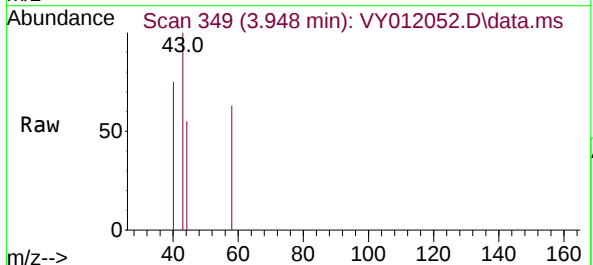
Instrument :
MSVOA_Y
ClientSampleId :
TP-20

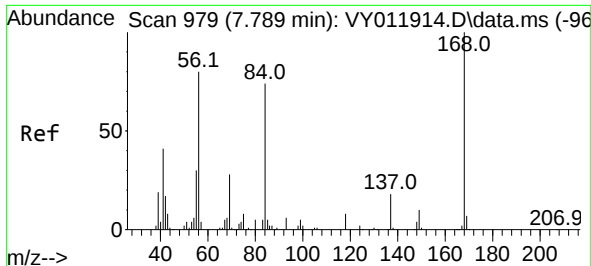
Tgt Ion: 59 Resp: 25
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#16
Acetone
Concen: 6.423 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY012052.D
Acq: 03 Jan 2023 17:19

Tgt Ion: 43 Resp: 799
Ion Ratio Lower Upper
43 100
58 62.9 27.9 41.9#

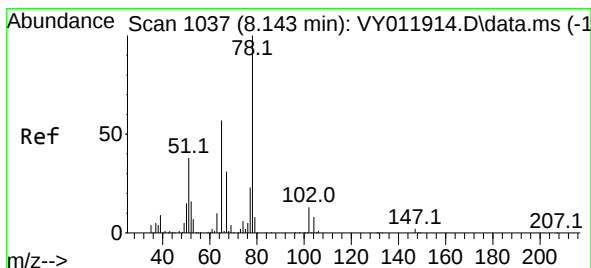
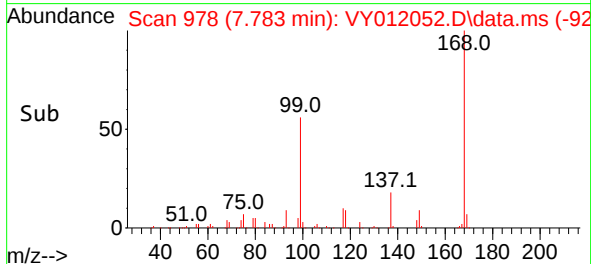
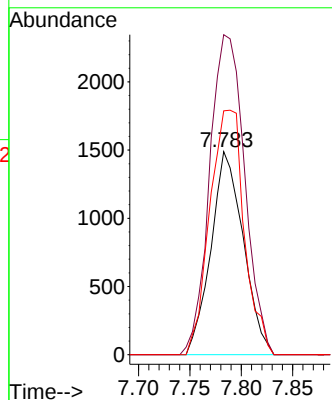
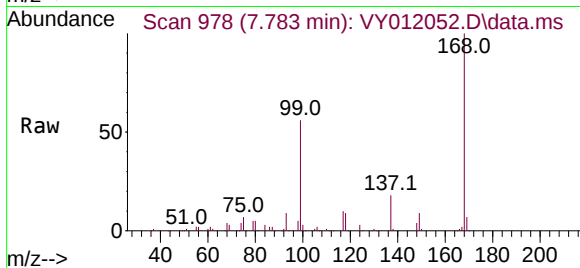




#31
Cyclohexane
Concen: 1.143 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012052.D
Acq: 03 Jan 2023 17:19

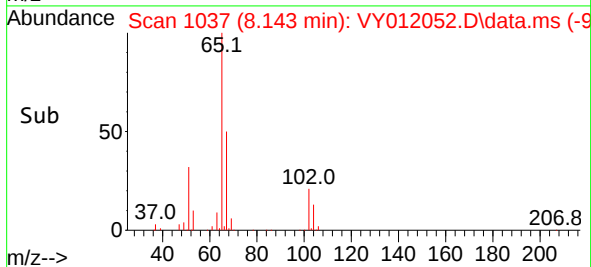
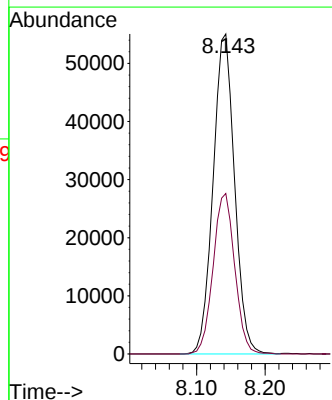
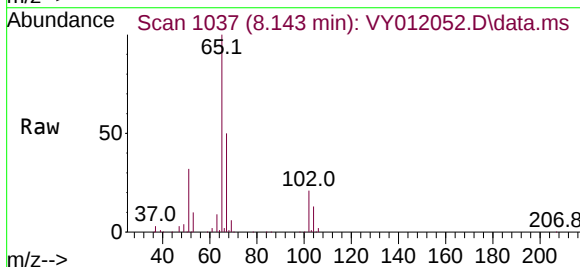
Instrument :
MSVOA_Y
ClientSampleId :
TP-20

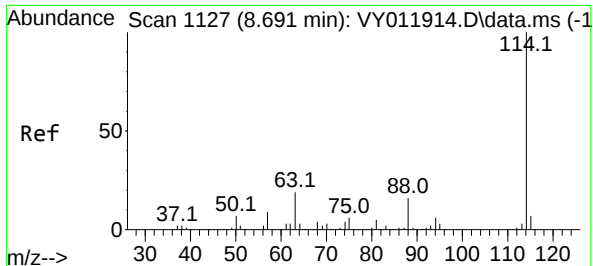
Tgt Ion: 56 Resp: 3260
Ion Ratio Lower Upper
56 100
69 157.6 29.2 43.8#
84 120.1 72.6 108.8#



#33
1,2-Dichloroethane-d4
Concen: 70.627 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012052.D
Acq: 03 Jan 2023 17:19

Tgt Ion: 65 Resp: 119672
Ion Ratio Lower Upper
65 100
67 50.4 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: VY012052.D

Acq: 03 Jan 2023 17:19

Instrument :

MSVOA_Y

ClientSampleId :

TP-20

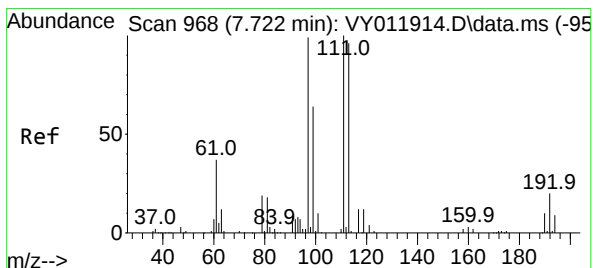
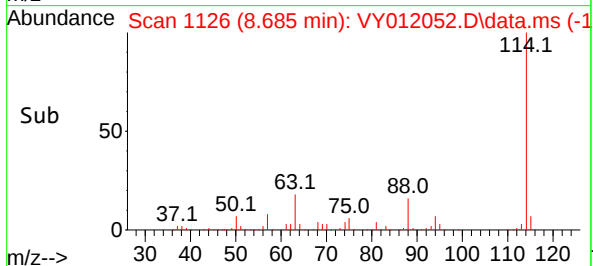
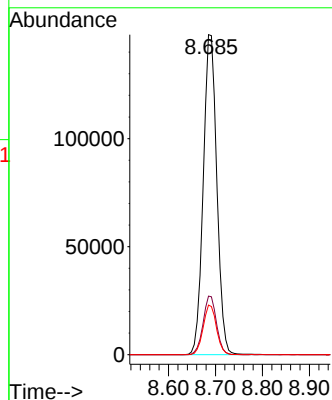
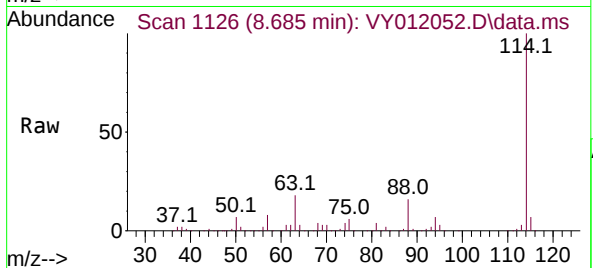
Tgt Ion:114 Resp: 296148

Ion Ratio Lower Upper

114 100

63 18.3 0.0 39.6

88 15.5 0.0 32.2



#35

Dibromofluoromethane

Concen: 53.741 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012052.D

Acq: 03 Jan 2023 17:19

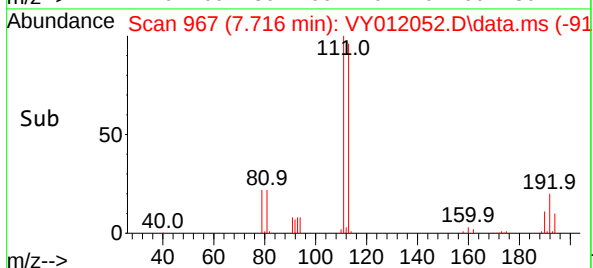
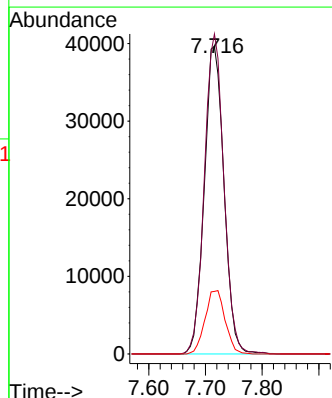
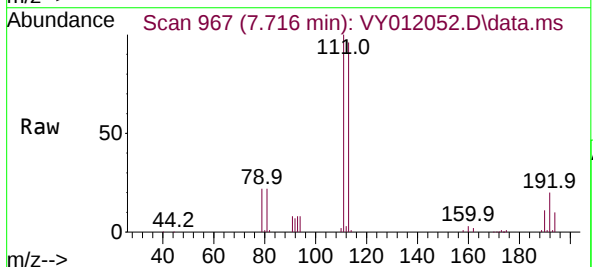
Tgt Ion:113 Resp: 95815

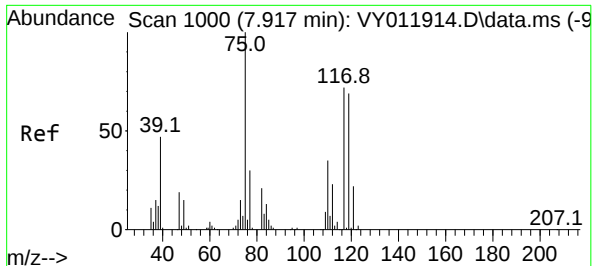
Ion Ratio Lower Upper

113 100

111 102.7 83.0 124.4

192 20.9 16.0 24.0





#36

1,1-Dichloropropene

Concen: 4.110 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY012052.D

Acq: 03 Jan 2023 17:19

Instrument :

MSVOA_Y

ClientSampleId :

TP-20

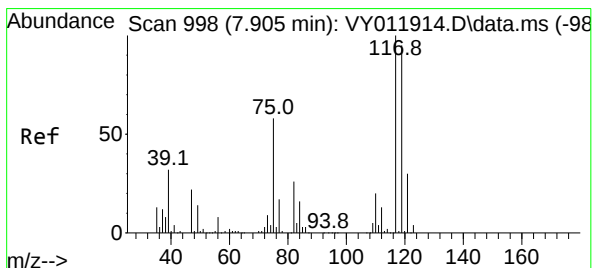
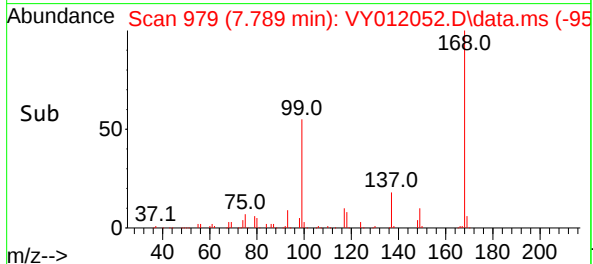
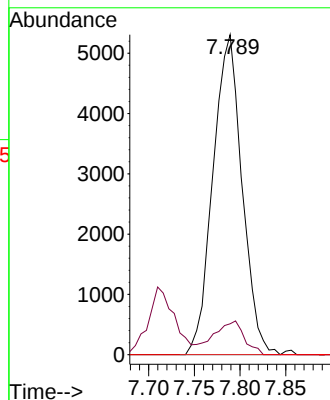
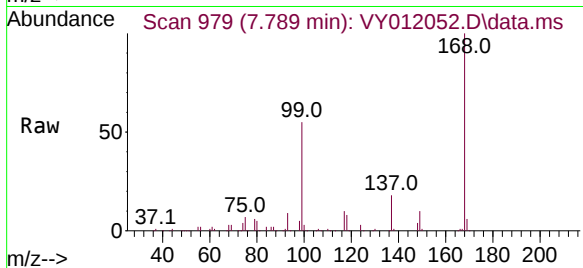
Tgt Ion: 75 Resp: 11754

Ion Ratio Lower Upper

75 100

110 11.0 18.1 54.1#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.129 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.116 min

Lab File: VY012052.D

Acq: 03 Jan 2023 17:19

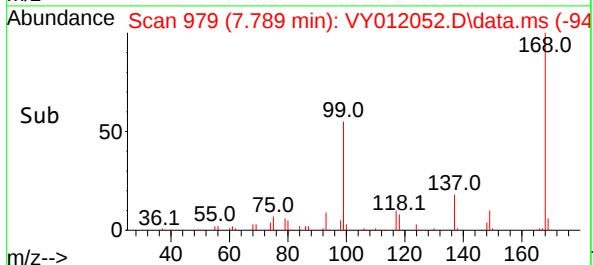
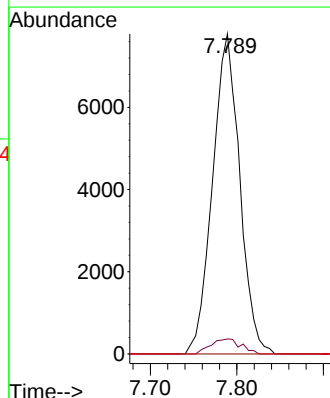
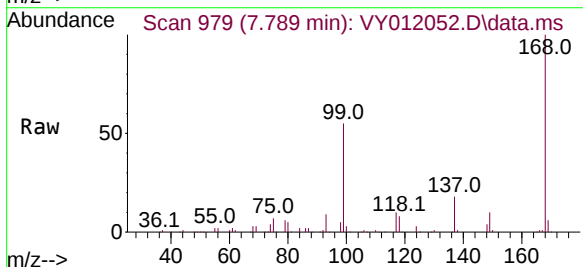
Tgt Ion: 117 Resp: 16940

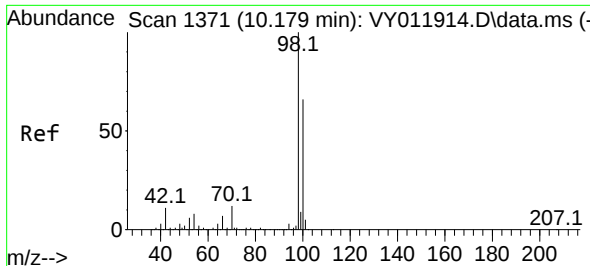
Ion Ratio Lower Upper

117 100

119 4.7 73.8 110.8#

121 0.0 25.2 37.8#

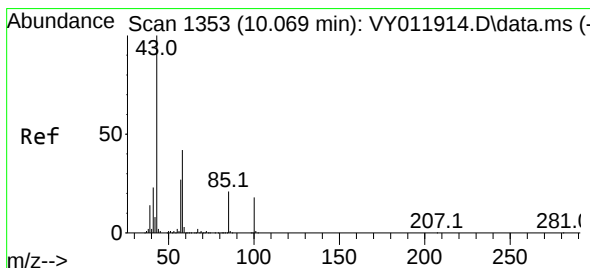
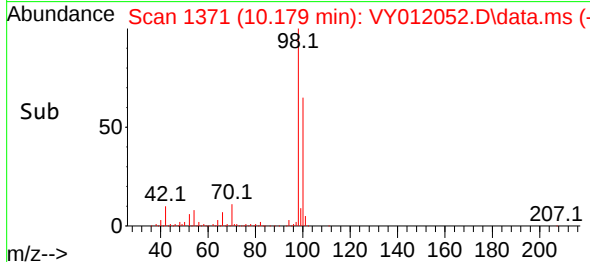
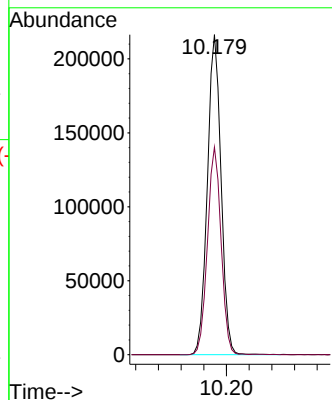
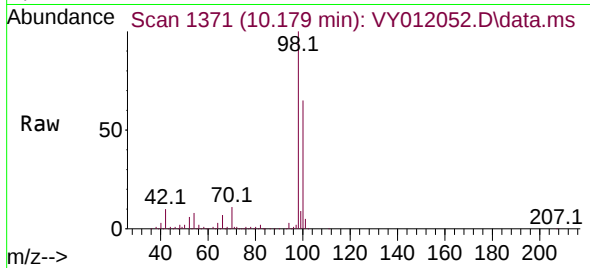




#50
Toluene-d8
Concen: 49.989 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012052.D
Acq: 03 Jan 2023 17:19

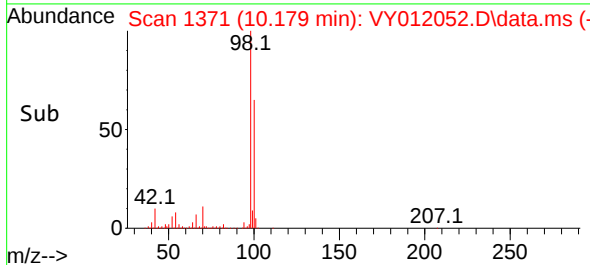
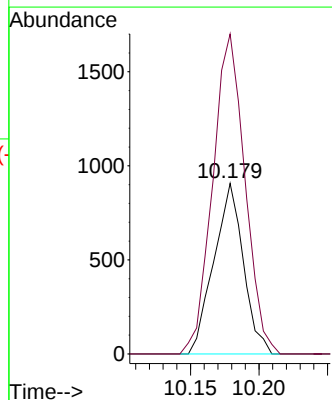
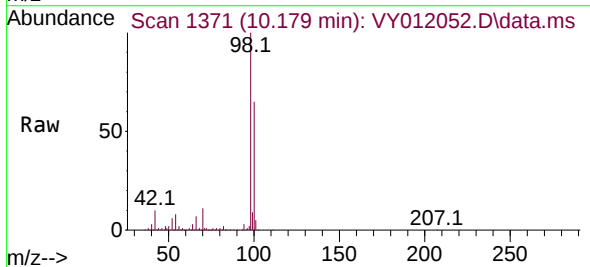
Instrument :
MSVOA_Y
ClientSampleId :
TP-20

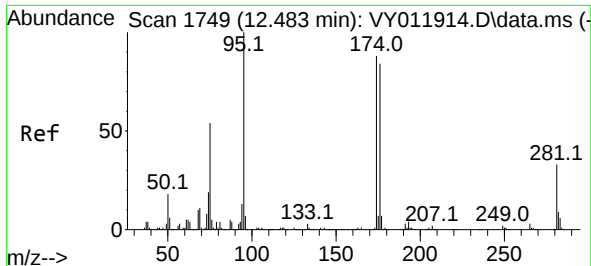
Tgt Ion: 98 Resp: 361601
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 1.085 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.110 min
Lab File: VY012052.D
Acq: 03 Jan 2023 17:19

Tgt Ion: 43 Resp: 1356
Ion Ratio Lower Upper
43 100
58 204.9 32.9 49.3#

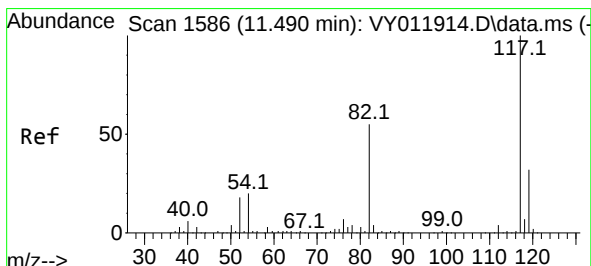
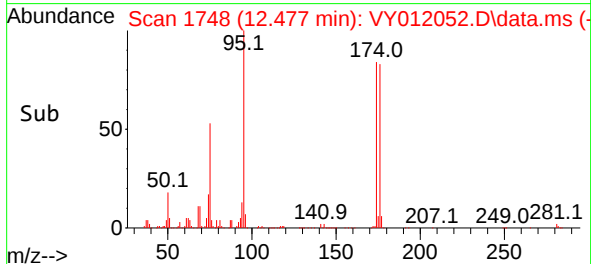
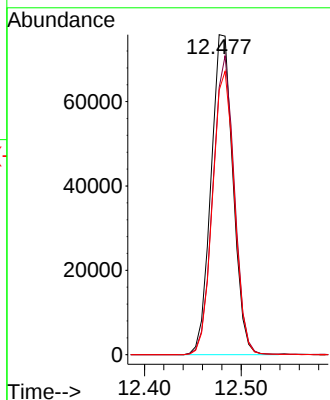
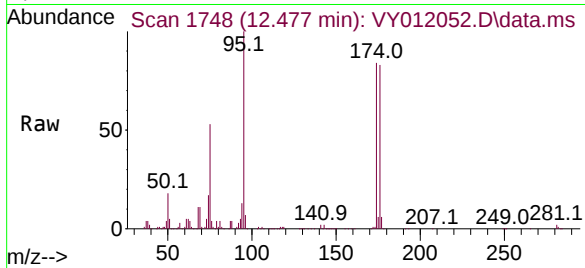




#62
4-Bromofluorobenzene
Concen: 49.201 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY012052.D
Acq: 03 Jan 2023 17:19

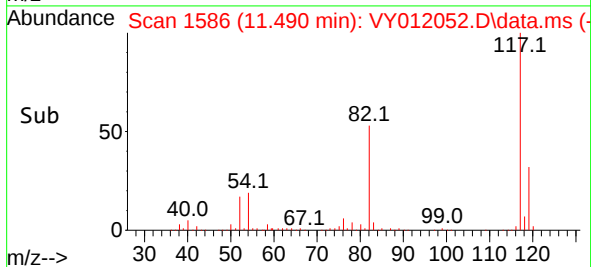
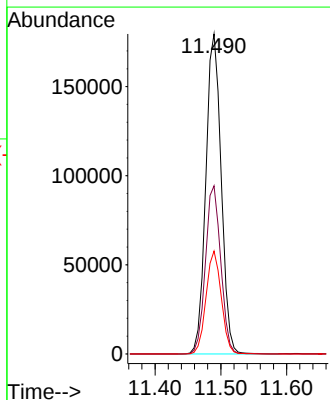
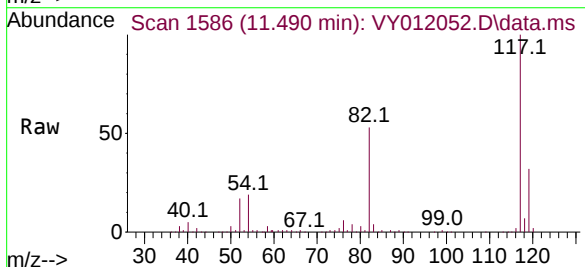
Instrument :
MSVOA_Y
ClientSampleId :
TP-20

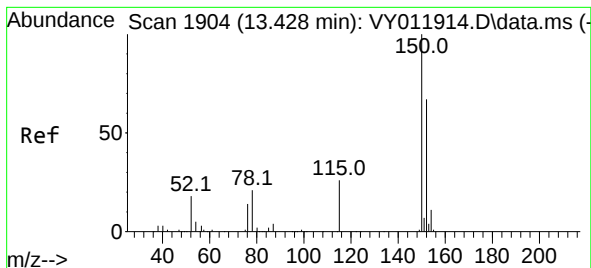
Tgt Ion: 95 Resp: 119698
Ion Ratio Lower Upper
95 100
174 91.2 0.0 172.0
176 88.0 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY012052.D
Acq: 03 Jan 2023 17:19

Tgt Ion: 117 Resp: 291392
Ion Ratio Lower Upper
117 100
82 52.6 44.8 67.2
119 32.2 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VY012052.D

Acq: 03 Jan 2023 17:19

Instrument :

MSVOA_Y

ClientSampleId :

TP-20

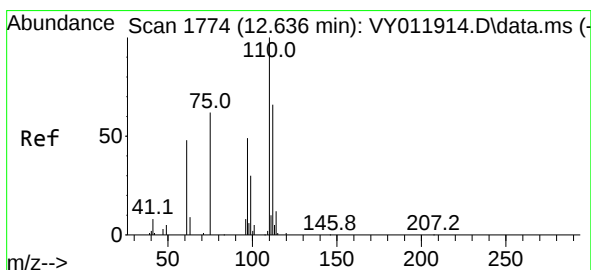
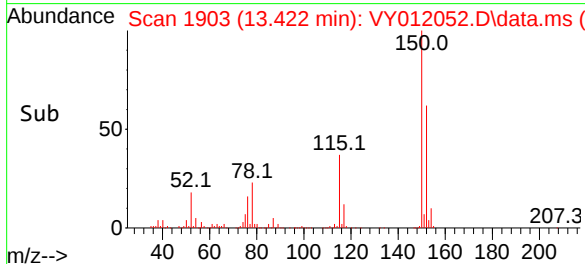
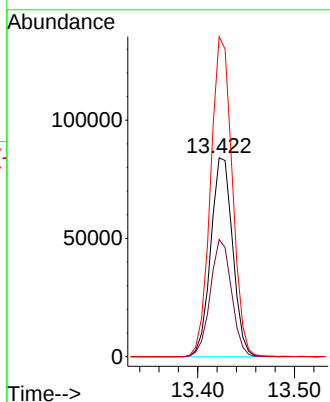
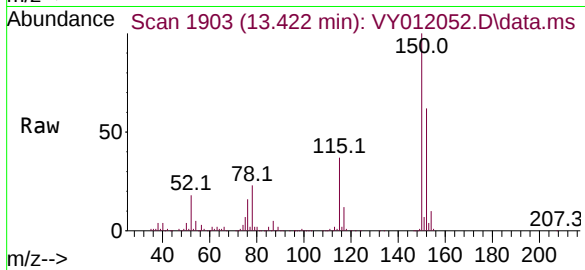
Tgt Ion:152 Resp: 132260

Ion Ratio Lower Upper

152 100

115 57.2 29.1 87.3

150 159.1 0.0 342.6



#76

1,2,3-Trichloropropane

Concen: 38.357 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.159 min

Lab File: VY012052.D

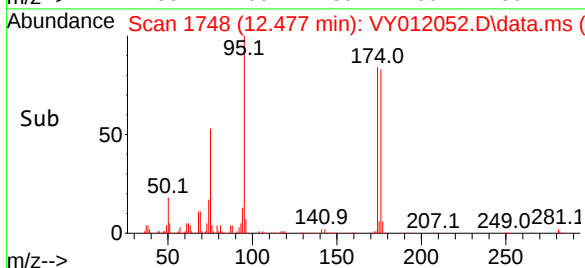
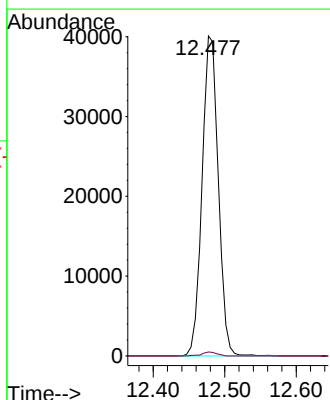
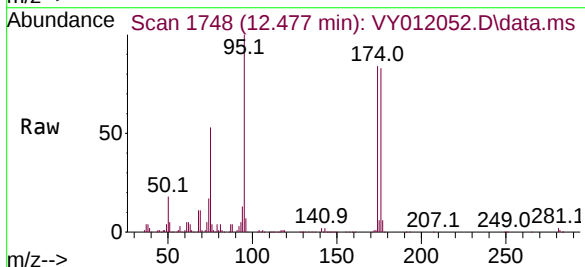
Acq: 03 Jan 2023 17:19

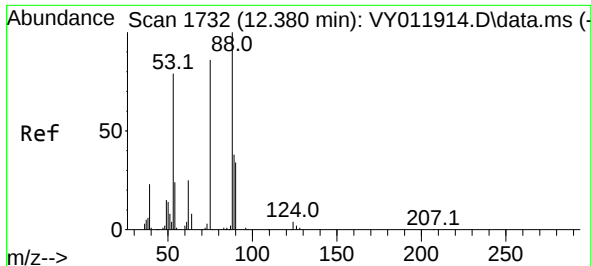
Tgt Ion: 75 Resp: 63126

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#

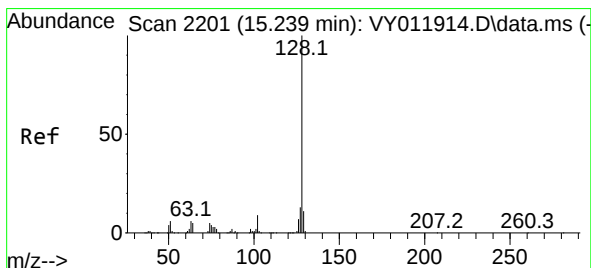
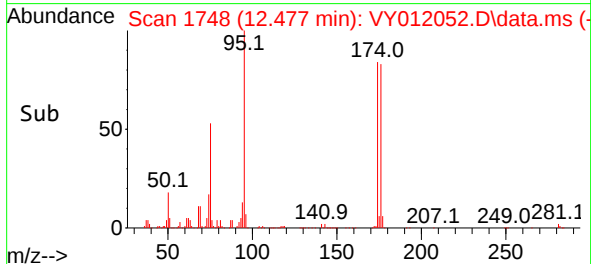
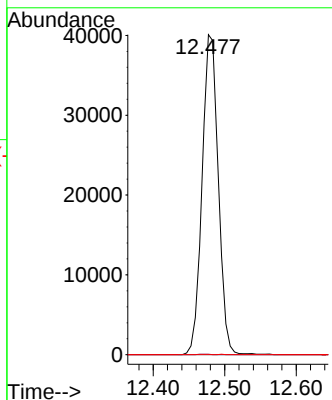
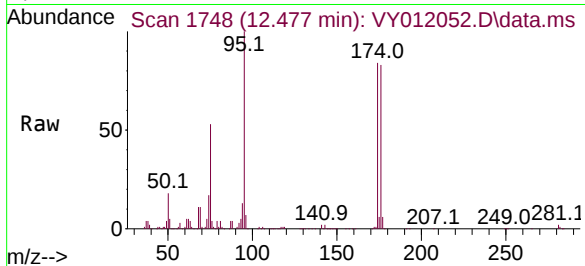




#81
trans-1,4-Dichloro-2-butene
Concen: 105.040 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY012052.D
Acq: 03 Jan 2023 17:19

Instrument :
MSVOA_Y
ClientSampleId :
TP-20

Tgt Ion: 75 Resp: 63126
Ion Ratio Lower Upper
75 100
53 0.1 72.5 108.7#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 2.834 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.006 min
Lab File: VY012052.D
Acq: 03 Jan 2023 17:19

Tgt Ion: 128 Resp: 290
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.8 13.2#

