

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010323\
 Data File : VY012053.D
 Acq On : 03 Jan 2023 17:42
 Operator : KP/MD
 Sample : 01001-01
 Misc : 5.27g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-C2

Quant Time: Jan 04 01:20:29 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)

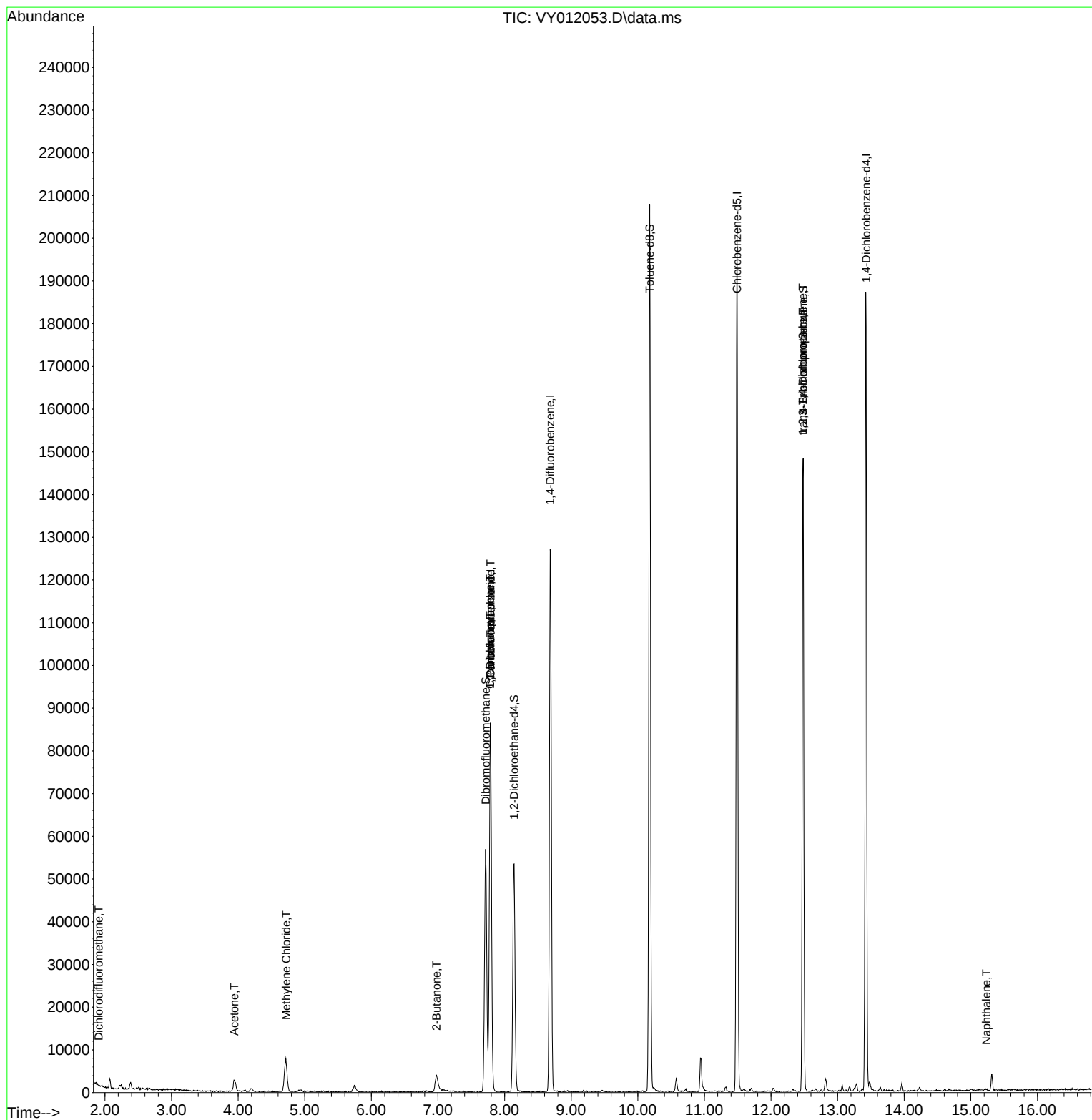
Internal Standards						
1) Pentafluorobenzene	7.789	168	69443	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	115035	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	112685	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	51164	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	45508	65.046	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.100%	
35) Dibromofluoromethane	7.716	113	38686	55.861	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.720%	
50) Toluene-d8	10.179	98	140034	49.838	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.680%	
62) 4-Bromofluorobenzene	12.483	95	44937	47.552	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 95.100%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	28	2.515	ug/l #	41
11) Tert butyl alcohol	4.917	59	247	Below Cal	#	74
16) Acetone	3.942	43	5075	28.697	ug/l	92
20) Methylene Chloride	4.722	84	5738	1.253	ug/l #	81
25) 2-Butanone	6.978	43	1527	6.552	ug/l	97
31) Cyclohexane	7.783	56	1382	1.173	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	4925	4.434	ug/l #	48
38) Carbon Tetrachloride	7.789	117	6831	5.324	ug/l #	18
76) 1,2,3-Trichloropropane	12.477	75	23214	36.463	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	23214	99.853	ug/l #	13
95) Naphthalene	15.233	128	206	2.881	ug/l #	69

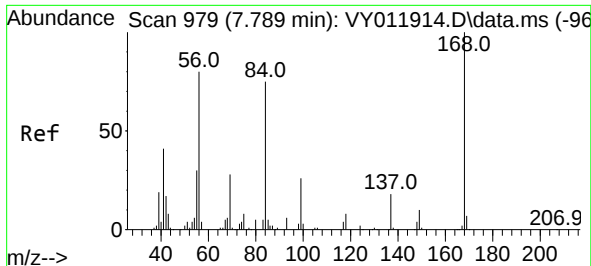
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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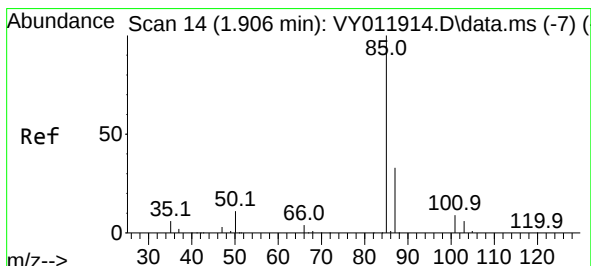
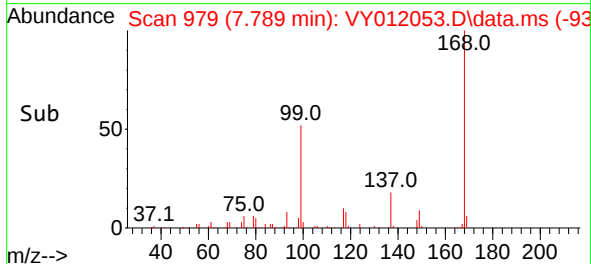
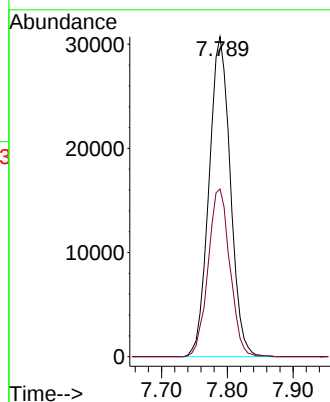
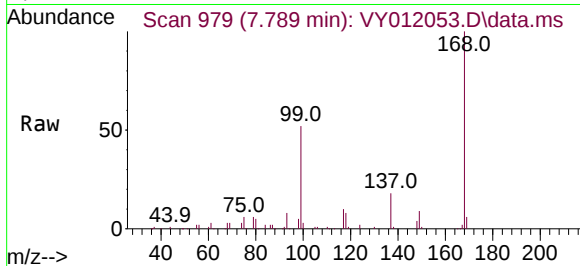




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012053.D
Acq: 03 Jan 2023 17:42

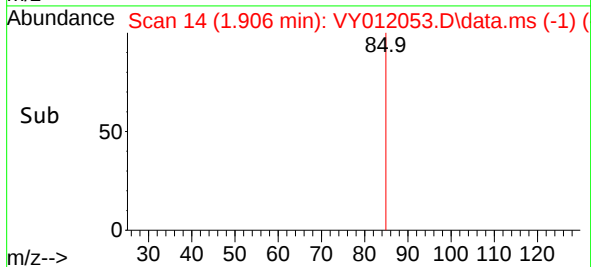
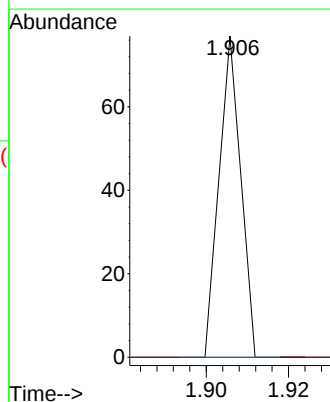
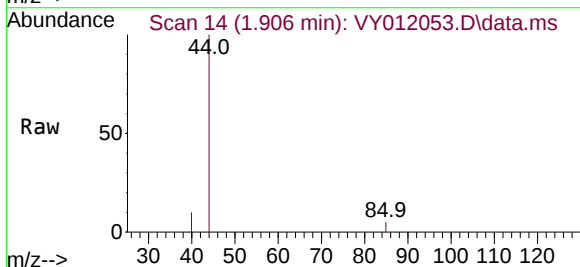
Instrument :
MSVOA_Y
ClientSampleId :
TP-C2

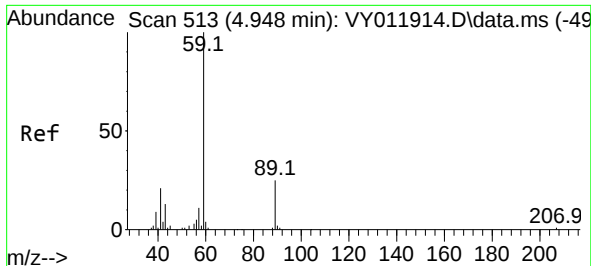
Tgt Ion:168 Resp: 69443
Ion Ratio Lower Upper
168 100
99 52.4 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 2.515 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012053.D
Acq: 03 Jan 2023 17:42

Tgt Ion: 85 Resp: 28
Ion Ratio Lower Upper
85 100
87 0.0 16.8 50.4#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.917 min Scan# 508

Delta R.T. -0.031 min

Lab File: VY012053.D

Acq: 03 Jan 2023 17:42

Instrument :

MSVOA_Y

ClientSampleId :

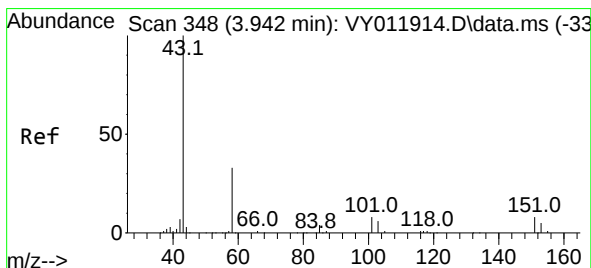
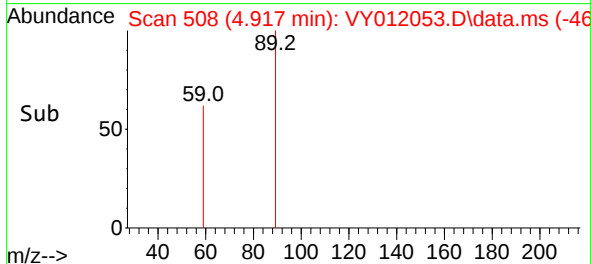
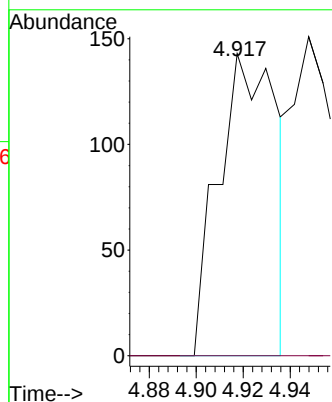
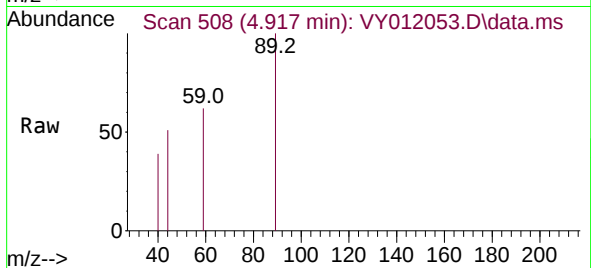
TP-C2

Tgt Ion: 59 Resp: 247

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.2#



#16

Acetone

Concen: 28.697 ug/l

RT: 3.942 min Scan# 348

Delta R.T. -0.006 min

Lab File: VY012053.D

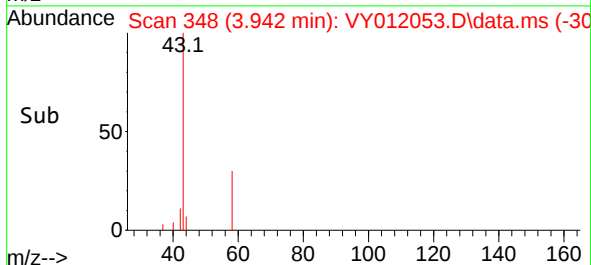
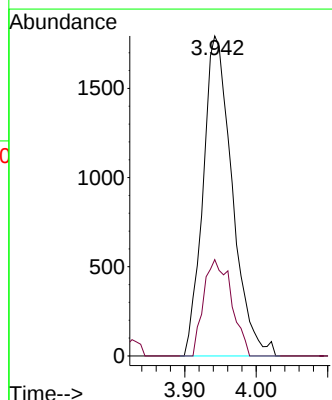
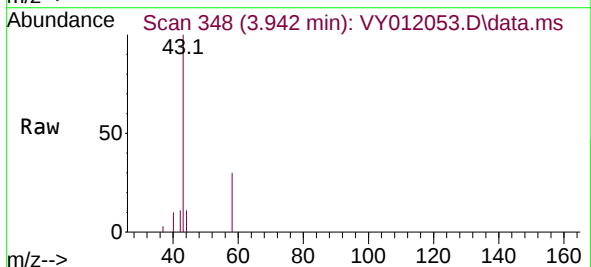
Acq: 03 Jan 2023 17:42

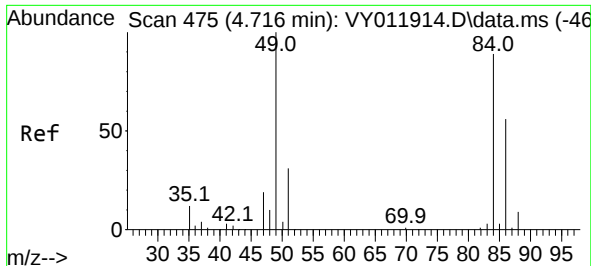
Tgt Ion: 43 Resp: 5075

Ion Ratio Lower Upper

43 100

58 30.1 27.9 41.9

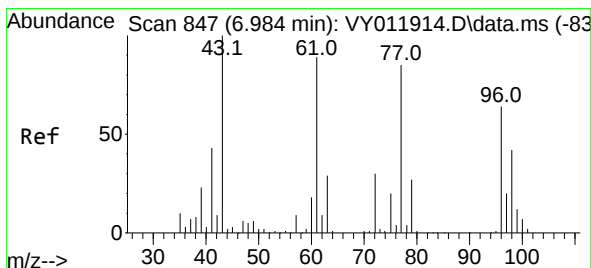
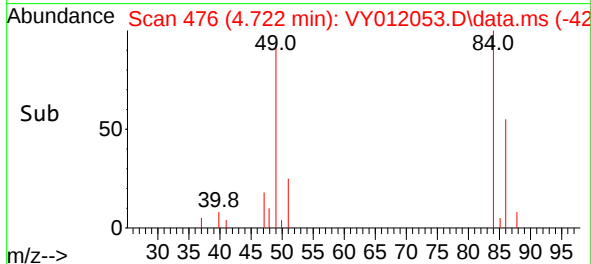
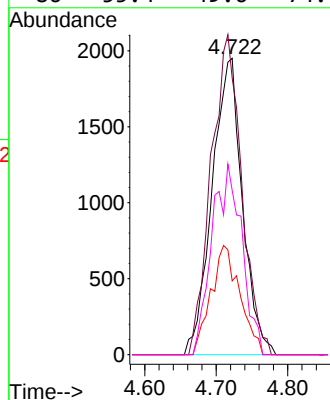
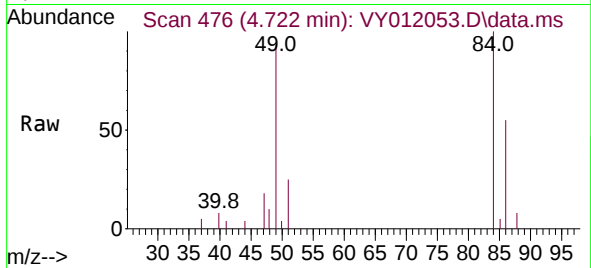




#20
Methylene Chloride
Concen: 1.253 ug/l
RT: 4.722 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY012053.D
Acq: 03 Jan 2023 17:42

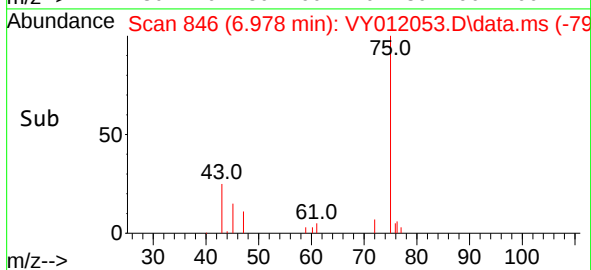
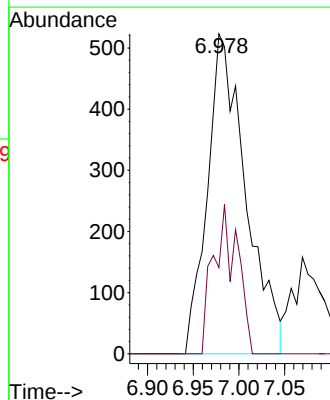
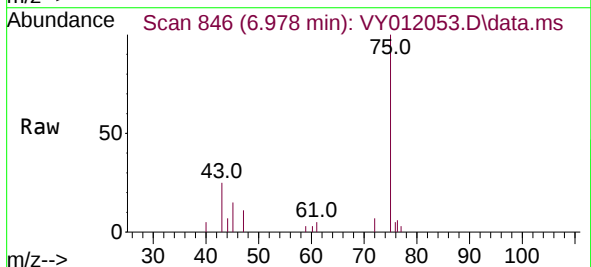
Instrument :
MSVOA_Y
ClientSampleId :
TP-C2

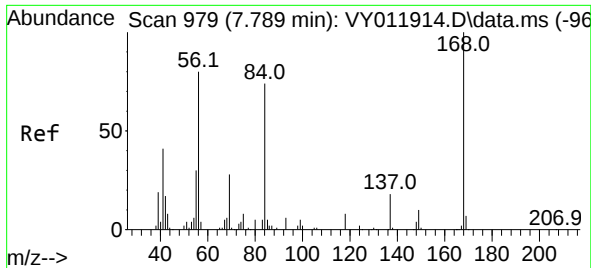
Tgt Ion: 84	Resp: 5738
Ion Ratio	Lower Upper
84 100	
49 93.3	95.4 143.2#
51 24.9	29.9 44.9#
86 55.4	49.6 74.4



#25
2-Butanone
Concen: 6.552 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY012053.D
Acq: 03 Jan 2023 17:42

Tgt Ion: 43	Resp: 1527		
Ion Ratio	Lower	Upper	
43 100			
72 27.0	22.6	34.0	

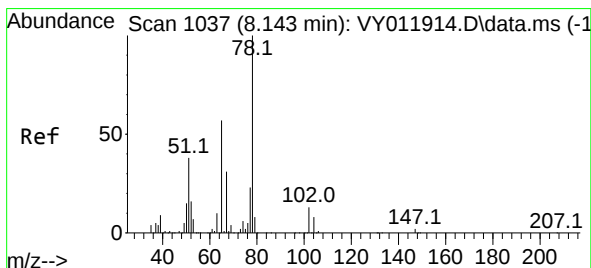
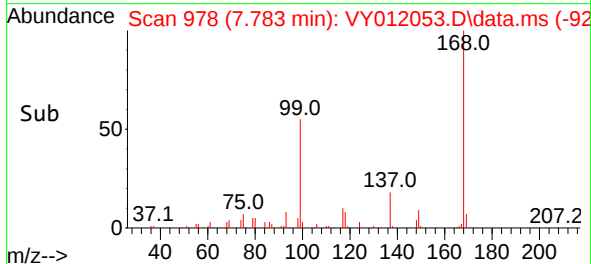
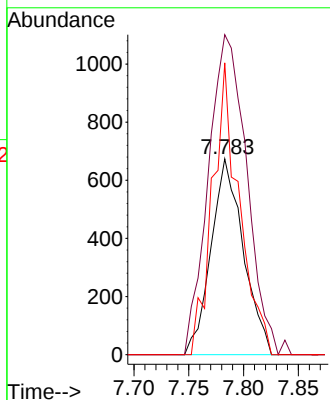
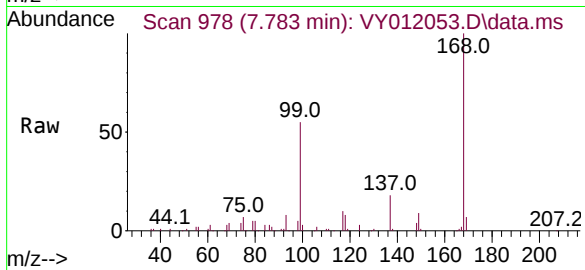




#31
Cyclohexane
Concen: 1.173 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012053.D
Acq: 03 Jan 2023 17:42

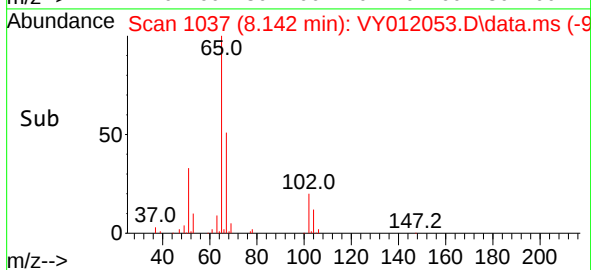
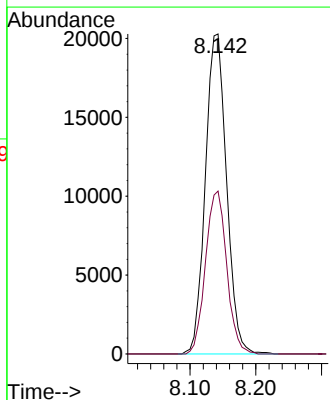
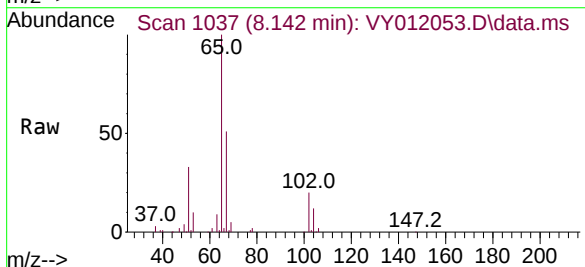
Instrument :
MSVOA_Y
ClientSampleId :
TP-C2

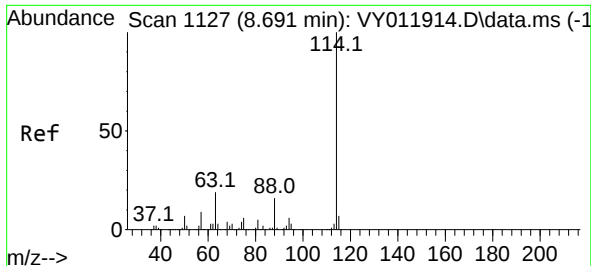
Tgt Ion: 56 Resp: 1382
Ion Ratio Lower Upper
56 100
69 163.4 29.2 43.8#
84 149.0 72.6 108.8#



#33
1,2-Dichloroethane-d4
Concen: 65.046 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012053.D
Acq: 03 Jan 2023 17:42

Tgt Ion: 65 Resp: 45508
Ion Ratio Lower Upper
65 100
67 51.0 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: VY012053.D

Acq: 03 Jan 2023 17:42

Instrument :

MSVOA_Y

ClientSampleId :

TP-C2

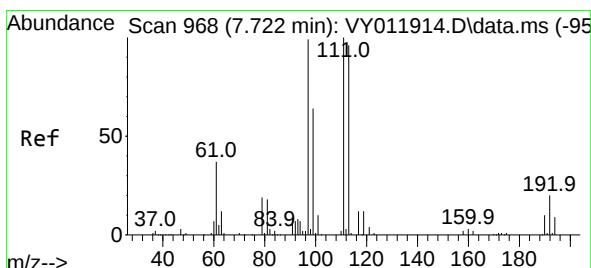
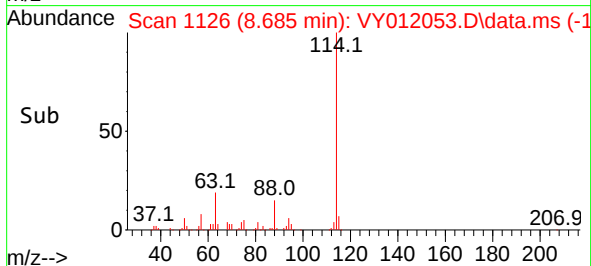
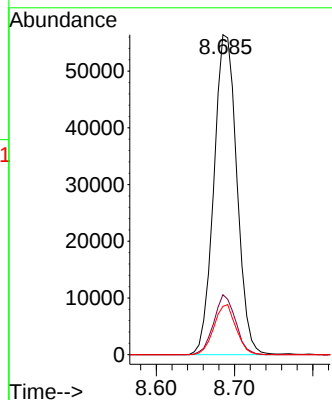
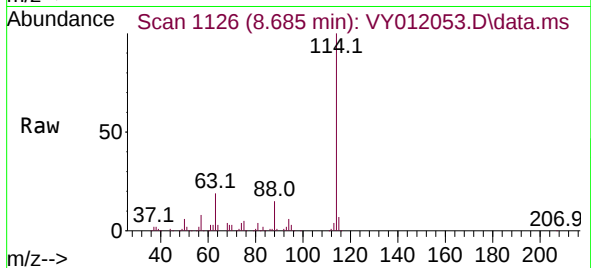
Tgt Ion:114 Resp: 115035

Ion Ratio Lower Upper

114 100

63 18.7 0.0 39.6

88 15.1 0.0 32.2



#35

Dibromofluoromethane

Concen: 55.861 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012053.D

Acq: 03 Jan 2023 17:42

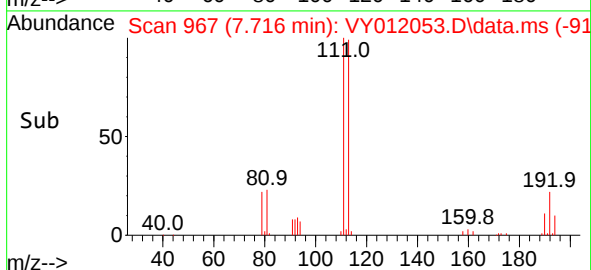
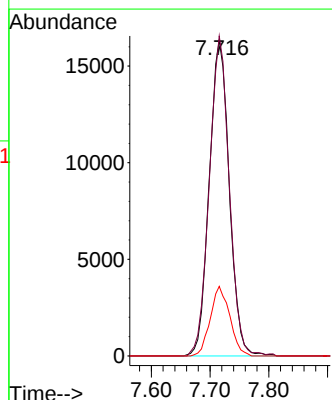
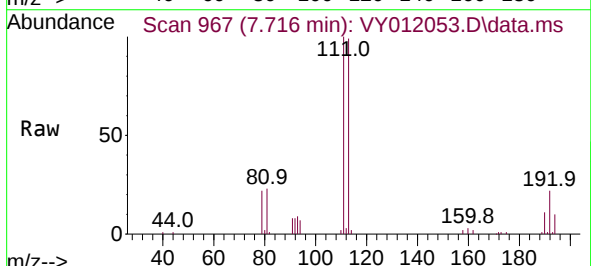
Tgt Ion:113 Resp: 38686

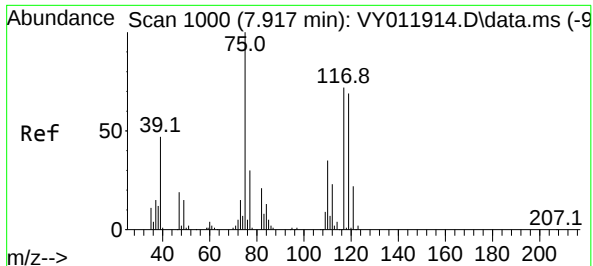
Ion Ratio Lower Upper

113 100

111 100.9 83.0 124.4

192 21.5 16.0 24.0





#36

1,1-Dichloropropene

Concen: 4.434 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY012053.D

Acq: 03 Jan 2023 17:42

Instrument :

MSVOA_Y

ClientSampleId :

TP-C2

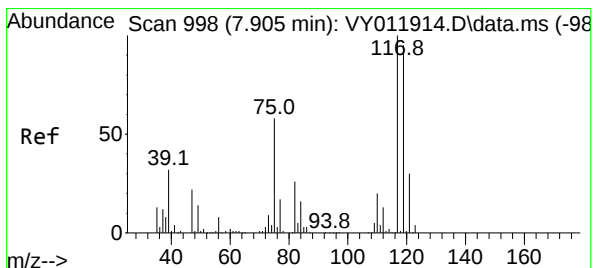
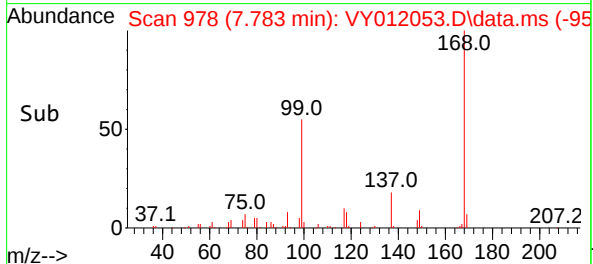
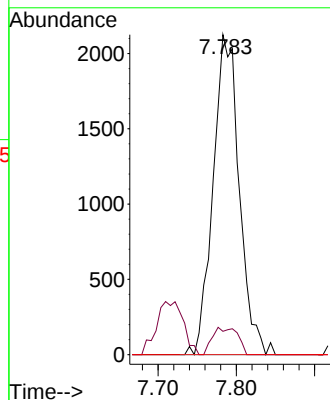
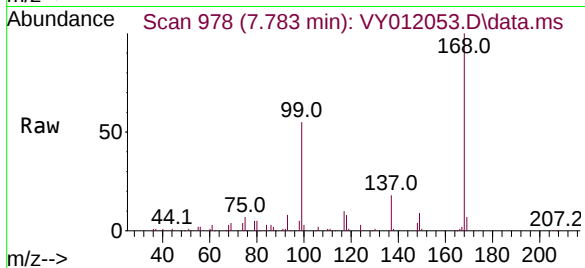
Tgt Ion: 75 Resp: 4925

Ion Ratio Lower Upper

75 100

110 8.2 18.1 54.1#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.324 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.116 min

Lab File: VY012053.D

Acq: 03 Jan 2023 17:42

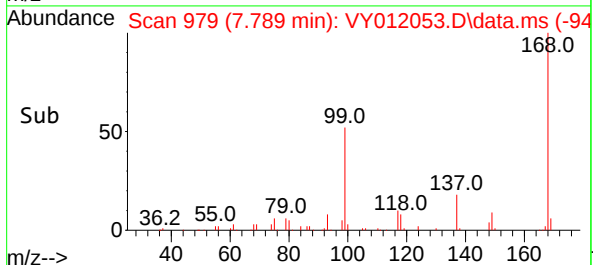
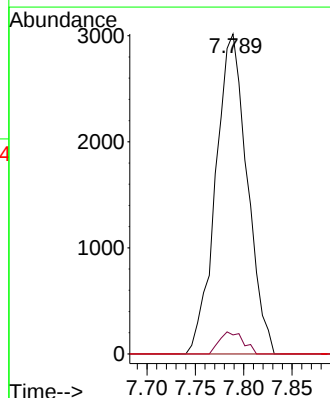
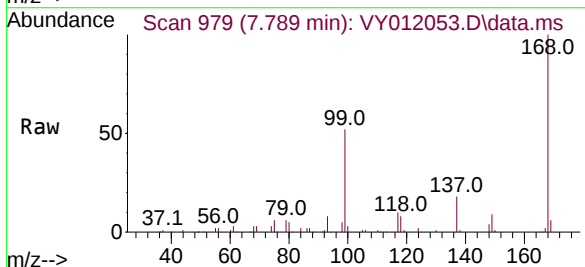
Tgt Ion: 117 Resp: 6831

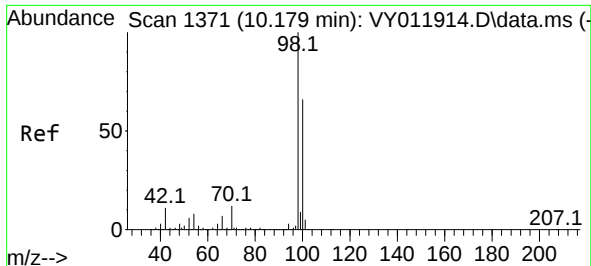
Ion Ratio Lower Upper

117 100

119 5.9 73.8 110.8#

121 0.0 25.2 37.8#

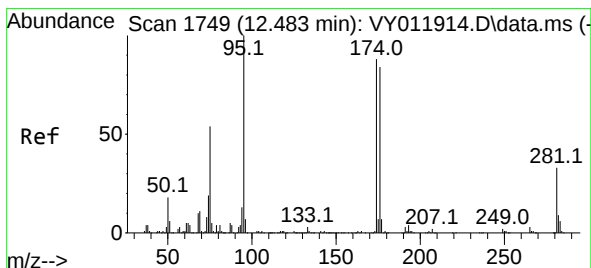
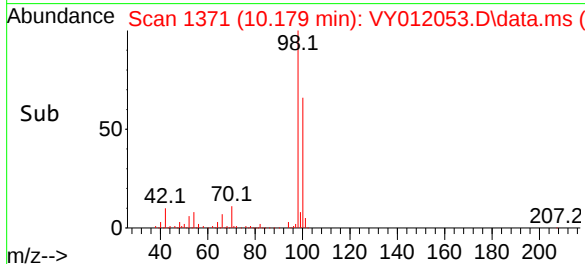
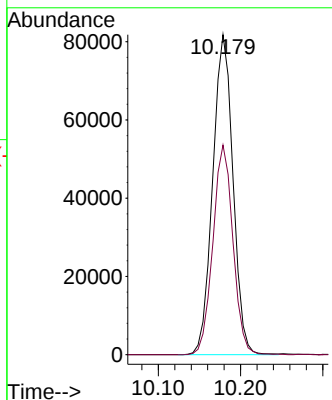
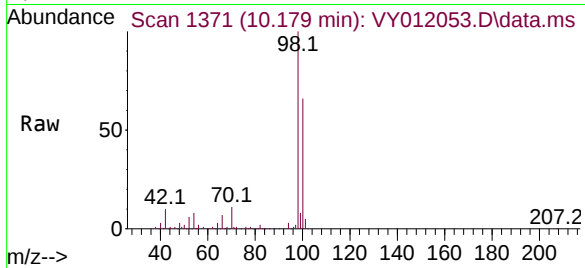




#50
Toluene-d8
Concen: 49.838 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012053.D
Acq: 03 Jan 2023 17:42

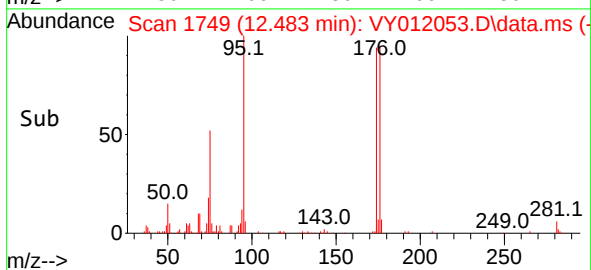
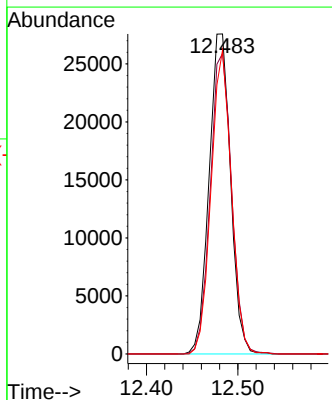
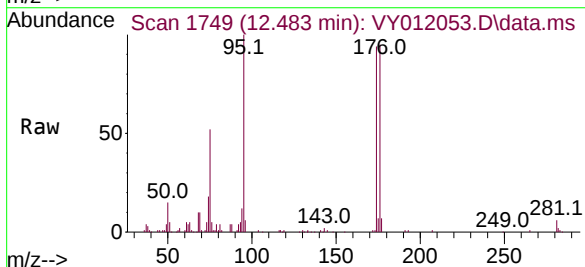
Instrument :
MSVOA_Y
ClientSampleId :
TP-C2

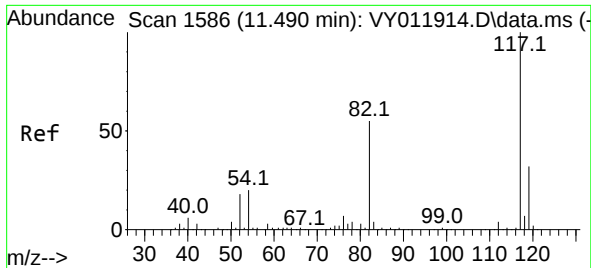
Tgt Ion: 98 Resp: 140034
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 47.552 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012053.D
Acq: 03 Jan 2023 17:42

Tgt Ion: 95 Resp: 44937
Ion Ratio Lower Upper
95 100
174 93.3 0.0 172.0
176 89.7 0.0 167.6

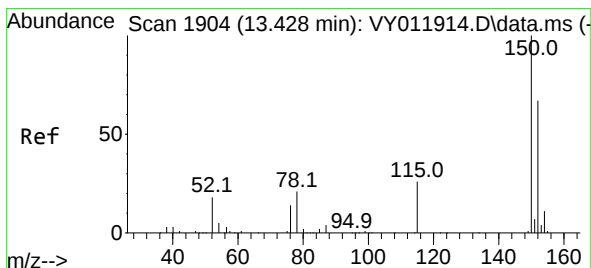
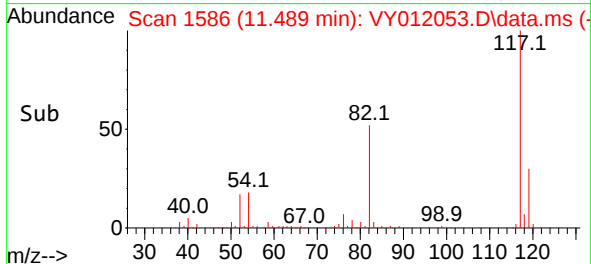
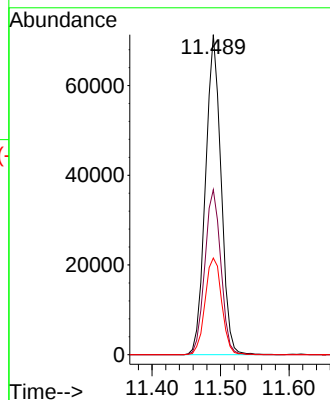
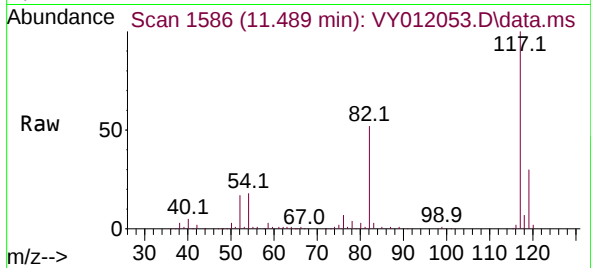




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012053.D
Acq: 03 Jan 2023 17:42

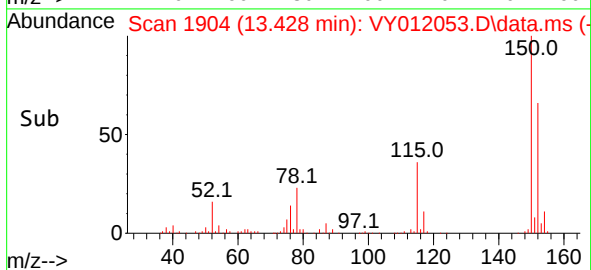
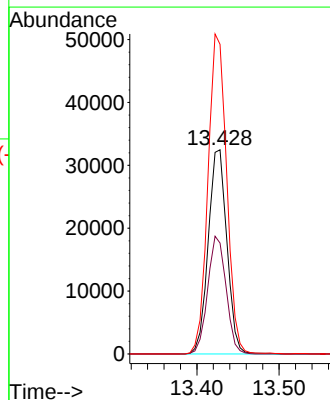
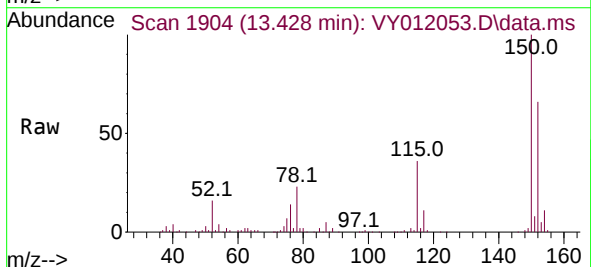
Instrument :
MSVOA_Y
ClientSampleId :
TP-C2

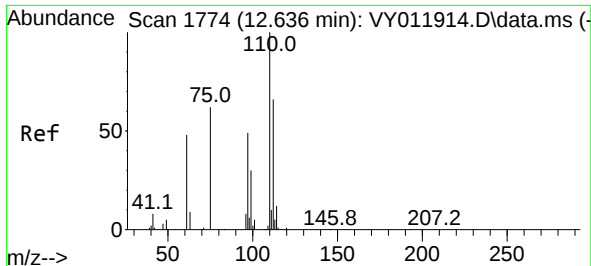
Tgt Ion:117 Resp: 112685
Ion Ratio Lower Upper
117 100
82 51.5 44.8 67.2
119 30.2 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY012053.D
Acq: 03 Jan 2023 17:42

Tgt Ion:152 Resp: 51164
Ion Ratio Lower Upper
152 100
115 56.7 29.1 87.3
150 157.1 0.0 342.6

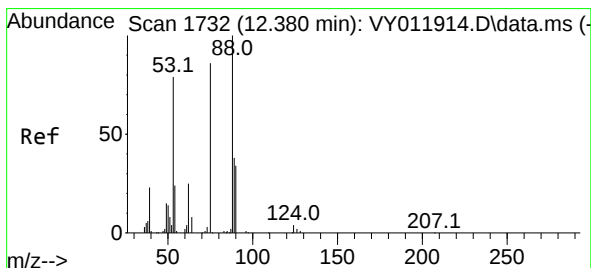
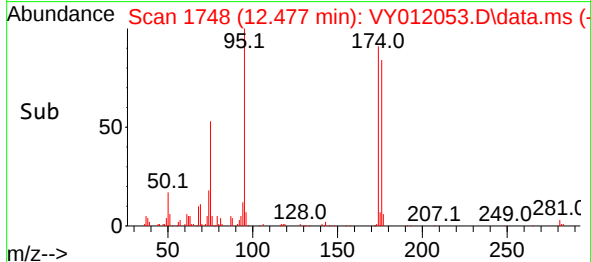
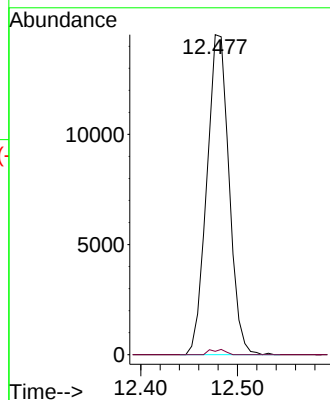
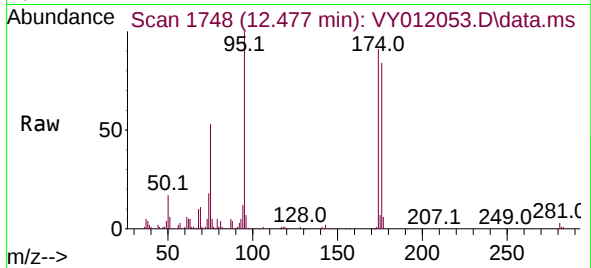




#76
1,2,3-Trichloropropane
Concen: 36.463 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.159 min
Lab File: VY012053.D
Acq: 03 Jan 2023 17:42

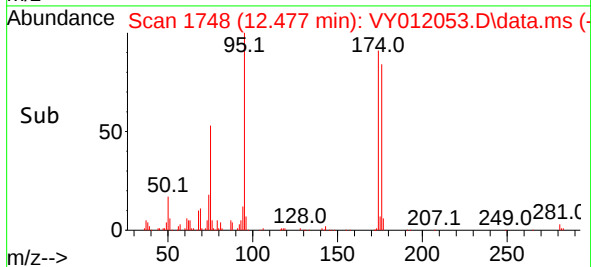
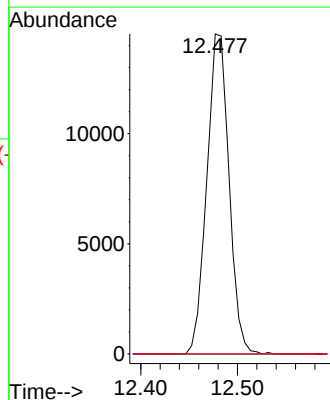
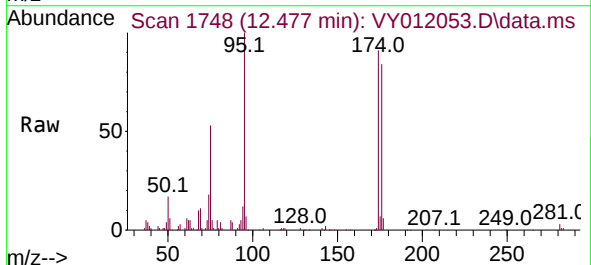
Instrument :
MSVOA_Y
ClientSampleId :
TP-C2

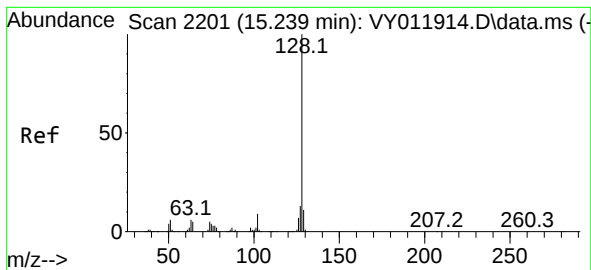
Tgt Ion: 75 Resp: 23214
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 99.853 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY012053.D
Acq: 03 Jan 2023 17:42

Tgt Ion: 75 Resp: 23214
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.0 37.0 55.4#





#95

Naphthalene

Concen: 2.881 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY012053.D

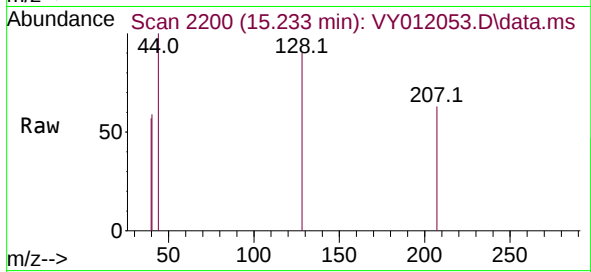
Acq: 03 Jan 2023 17:42

Instrument :

MSVOA_Y

ClientSampleId :

TP-C2



Tgt Ion:128 Resp: 206

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.2#

129 0.0 8.8 13.2#

