

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010323\
 Data File : VY012056.D
 Acq On : 03 Jan 2023 18:52
 Operator : KP/MD
 Sample : 01002-05
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PL-01-10323

Quant Time: Jan 04 01:21:21 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)

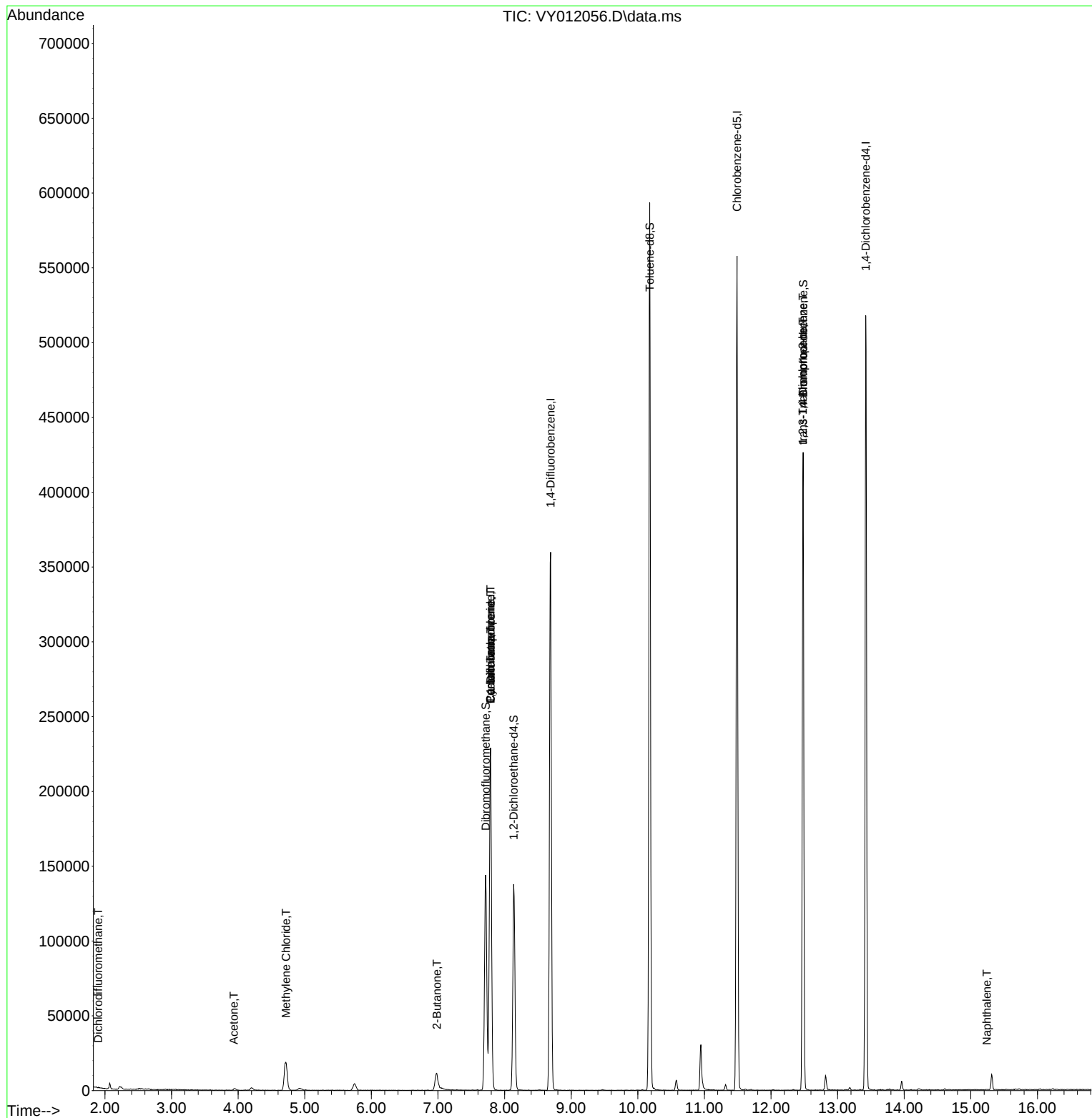
Internal Standards						
1) Pentafluorobenzene	7.789	168	179318	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	318548	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	302283	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	139536	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	112011	62.001	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.000%
35) Dibromofluoromethane	7.715	113	99248	51.752	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.500%
50) Toluene-d8	10.178	98	386519	49.676	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.360%
62) 4-Bromofluorobenzene	12.483	95	124252	47.482	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.899	85	24	2.483	ug/l #	41
11) Tert butyl alcohol	4.923	59	1257	Below Cal	#	74
16) Acetone	3.936	43	2106	8.703	ug/l	97
20) Methylene Chloride	4.716	84	15686	1.728	ug/l	91
25) 2-Butanone	6.984	43	1060	1.761	ug/l #	75
31) Cyclohexane	7.789	56	3413	1.122	ug/l #	18
36) 1,1-Dichloropropene	7.789	75	13159	4.278	ug/l #	49
38) Carbon Tetrachloride	7.789	117	17876	5.032	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	66726	38.430	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	66726	105.241	ug/l #	13
95) Naphthalene	15.238	128	378	2.848	ug/l #	69

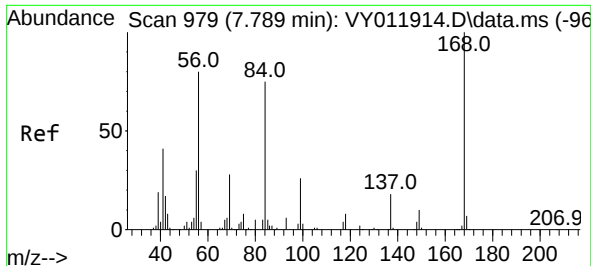
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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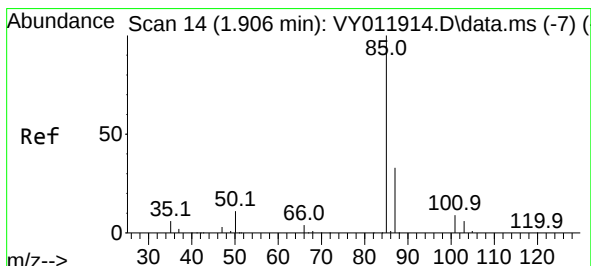
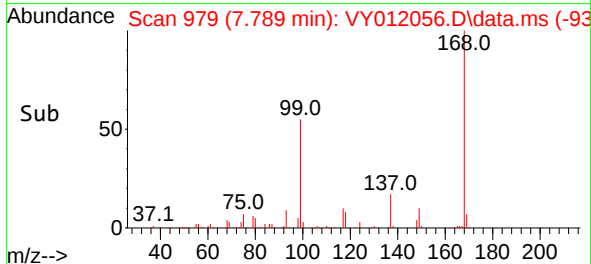
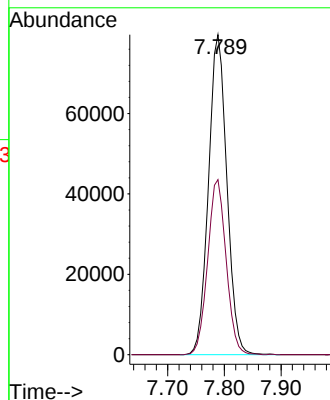
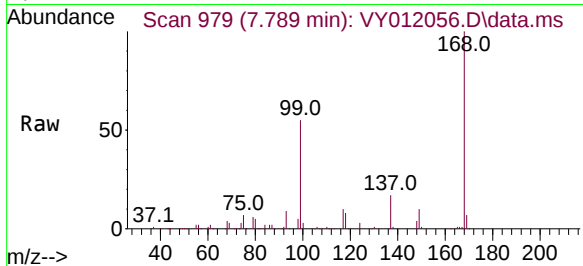




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012056.D
Acq: 03 Jan 2023 18:52

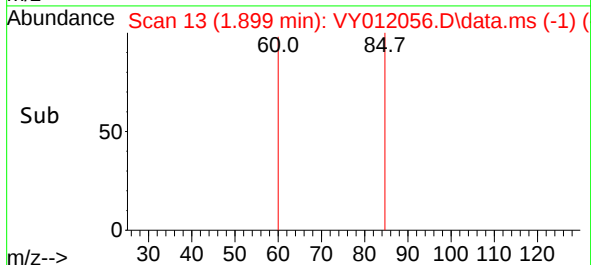
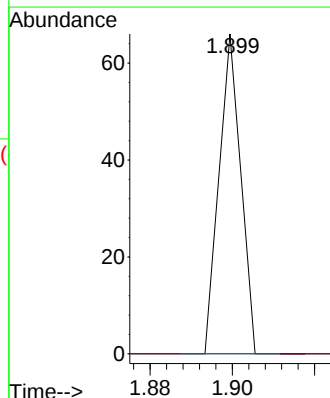
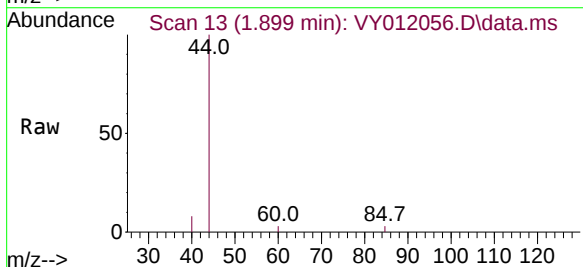
Instrument :
MSVOA_Y
ClientSampleId :
PL-01-10323

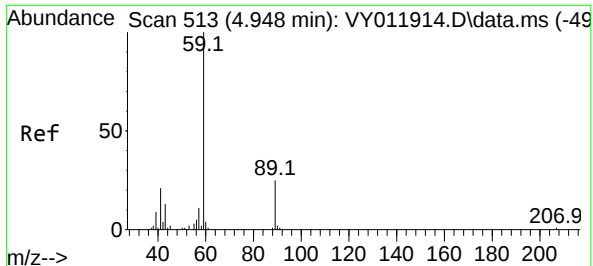
Tgt Ion:168 Resp: 179318
Ion Ratio Lower Upper
168 100
99 54.7 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 2.483 ug/l
RT: 1.899 min Scan# 13
Delta R.T. -0.007 min
Lab File: VY012056.D
Acq: 03 Jan 2023 18:52

Tgt Ion: 85 Resp: 24
Ion Ratio Lower Upper
85 100
87 0.0 16.8 50.4#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.923 min Scan# 509

Delta R.T. -0.025 min

Lab File: VY012056.D

Acq: 03 Jan 2023 18:52

Instrument :

MSVOA_Y

ClientSampleId :

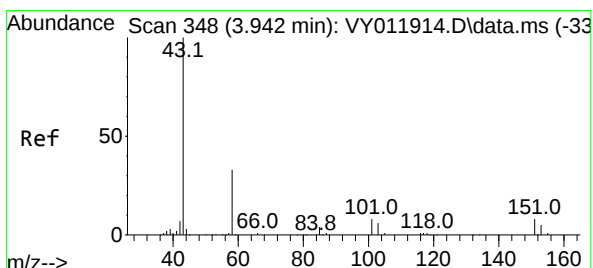
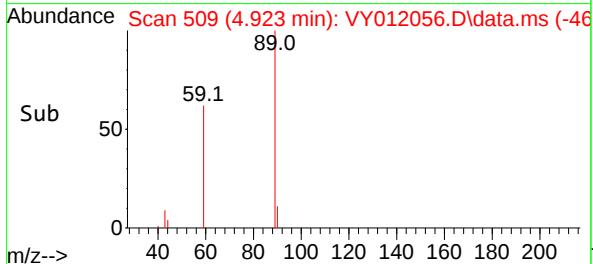
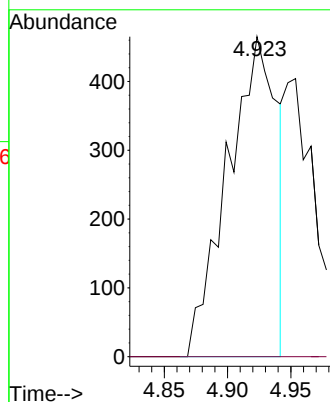
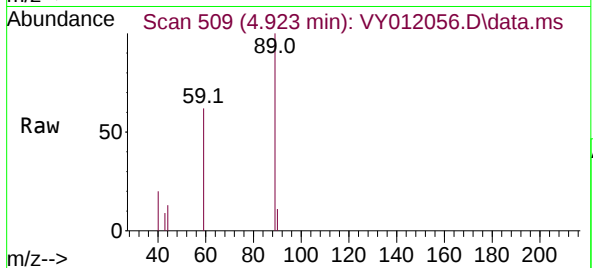
PL-01-10323

Tgt Ion: 59 Resp: 1257

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.2#



#16

Acetone

Concen: 8.703 ug/l

RT: 3.936 min Scan# 347

Delta R.T. -0.012 min

Lab File: VY012056.D

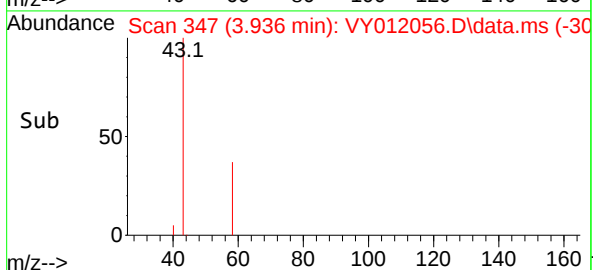
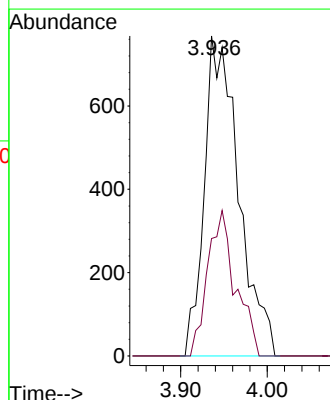
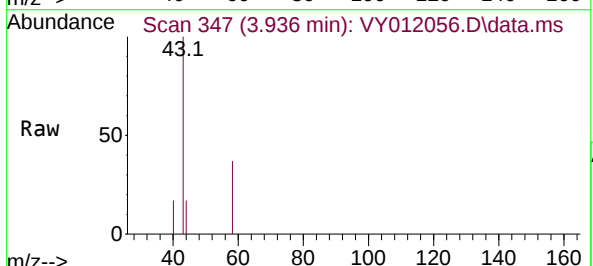
Acq: 03 Jan 2023 18:52

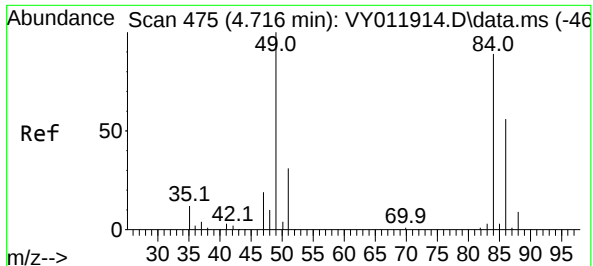
Tgt Ion: 43 Resp: 2106

Ion Ratio Lower Upper

43 100

58 36.7 27.9 41.9

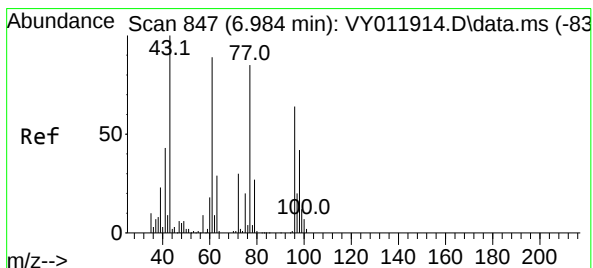
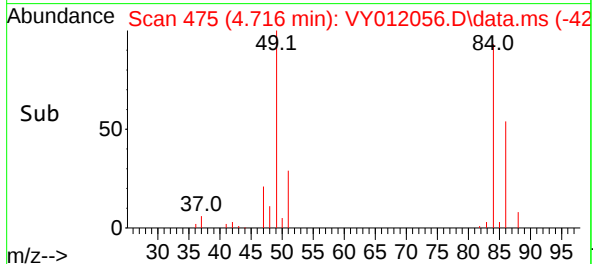
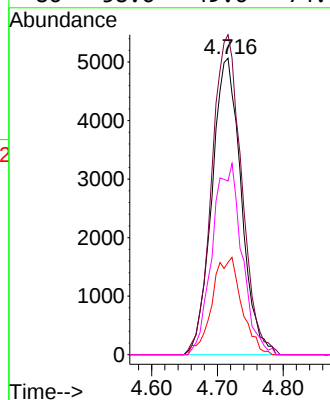
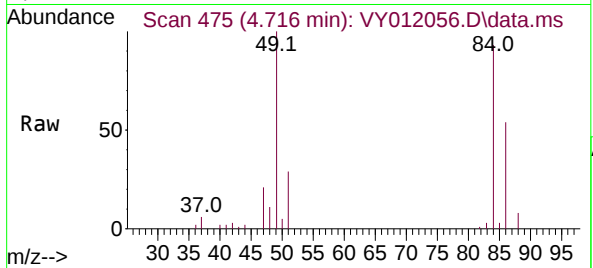




#20
Methylene Chloride
Concen: 1.728 ug/l
RT: 4.716 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY012056.D
Acq: 03 Jan 2023 18:52

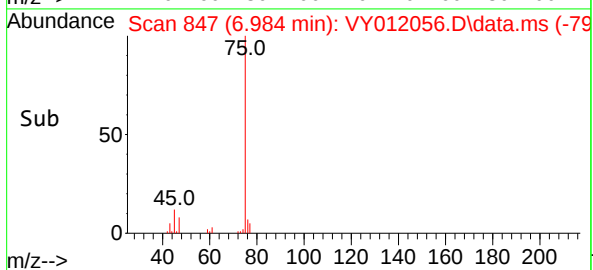
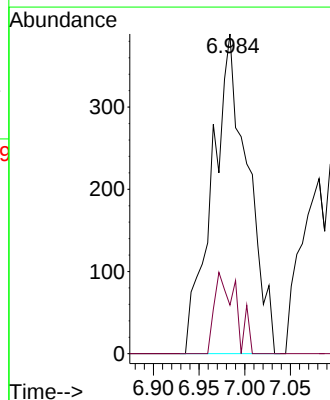
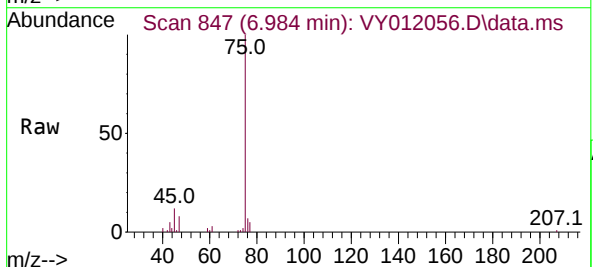
Instrument :
MSVOA_Y
ClientSampleId :
PL-01-10323

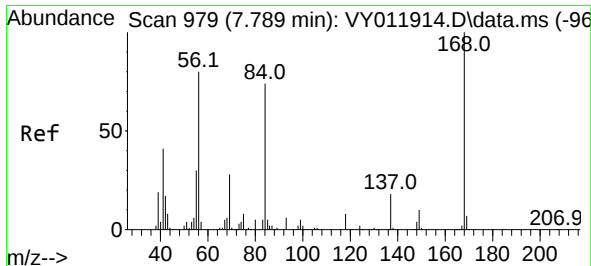
Tgt Ion: 84	Resp: 15686
Ion Ratio	Lower Upper
84 100	
49 108.0	95.4 143.2
51 31.2	29.9 44.9
86 58.6	49.6 74.4



#25
2-Butanone
Concen: 1.761 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY012056.D
Acq: 03 Jan 2023 18:52

Tgt Ion: 43	Resp: 1060		
Ion Ratio	Lower	Upper	
43 100			
72 15.2	22.6	34.0#	

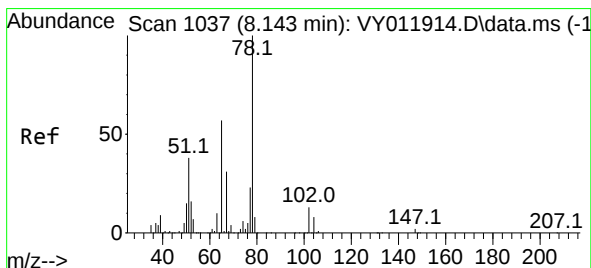
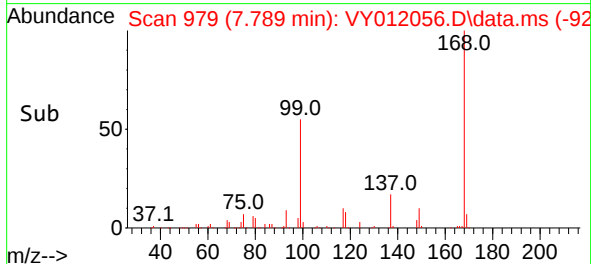
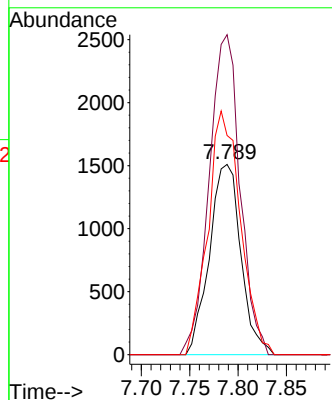
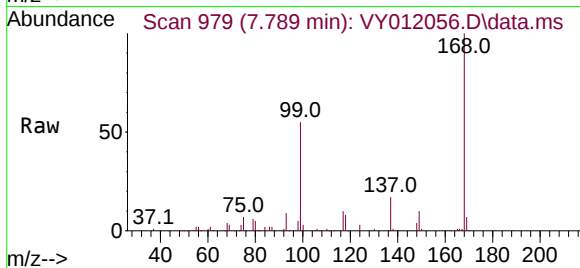




#31
Cyclohexane
Concen: 1.122 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012056.D
Acq: 03 Jan 2023 18:52

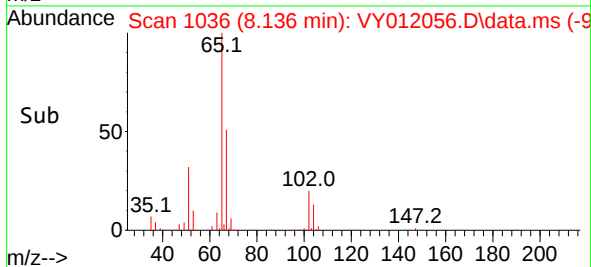
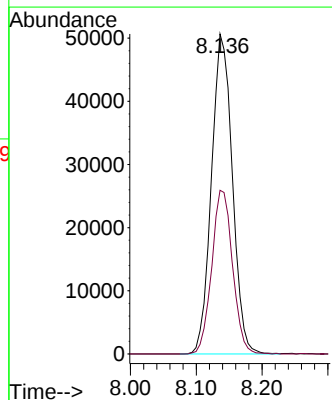
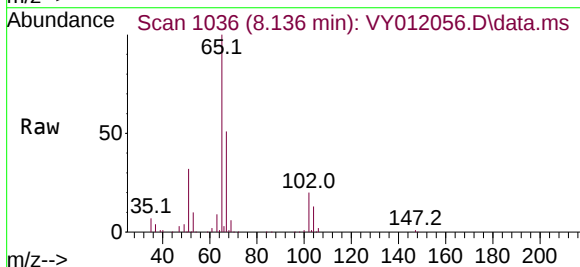
Instrument :
MSVOA_Y
ClientSampleId :
PL-01-10323

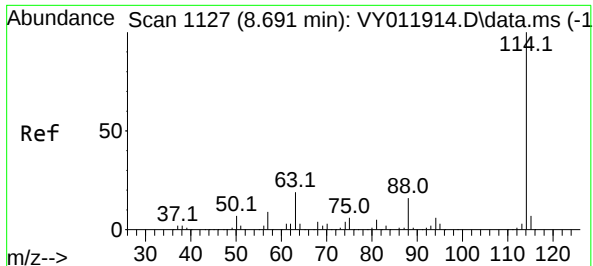
Tgt Ion: 56 Resp: 3413
Ion Ratio Lower Upper
56 100
69 168.1 29.2 43.8#
84 115.2 72.6 108.8#



#33
1,2-Dichloroethane-d4
Concen: 62.001 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY012056.D
Acq: 03 Jan 2023 18:52

Tgt Ion: 65 Resp: 112011
Ion Ratio Lower Upper
65 100
67 51.0 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: VY012056.D

Acq: 03 Jan 2023 18:52

Instrument :

MSVOA_Y

ClientSampleId :

PL-01-10323

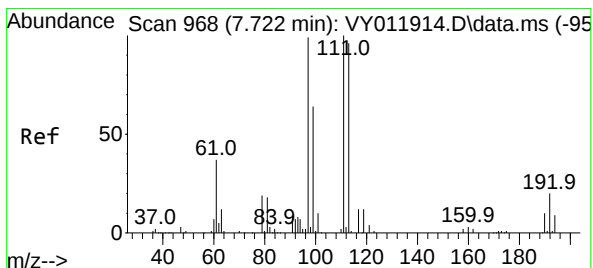
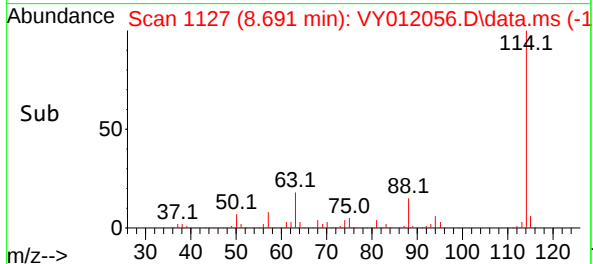
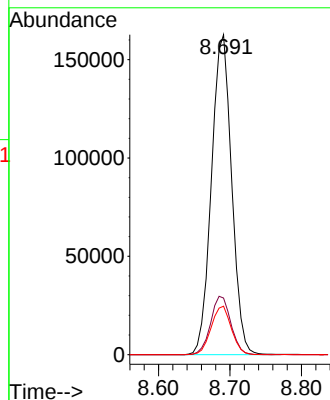
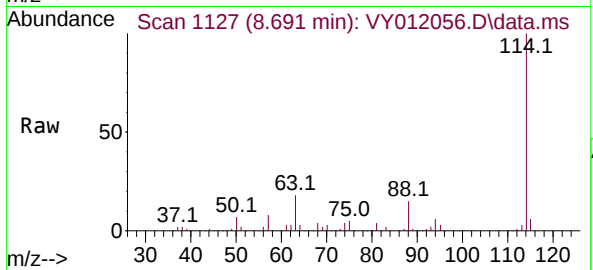
Tgt Ion:114 Resp: 318548

Ion Ratio Lower Upper

114 100

63 17.7 0.0 39.6

88 15.1 0.0 32.2



#35

Dibromofluoromethane

Concen: 51.752 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.001 min

Lab File: VY012056.D

Acq: 03 Jan 2023 18:52

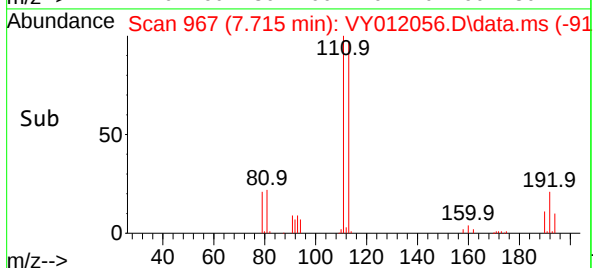
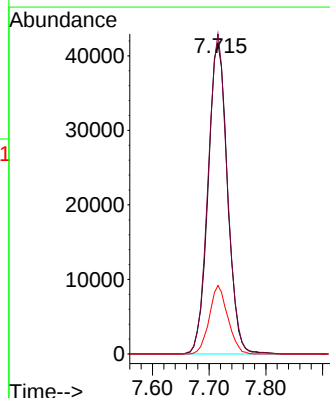
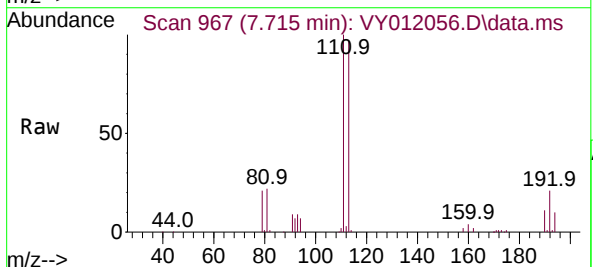
Tgt Ion:113 Resp: 99248

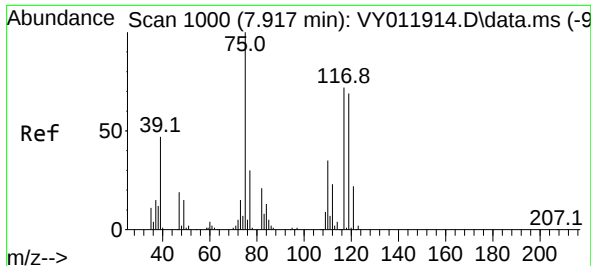
Ion Ratio Lower Upper

113 100

111 101.5 83.0 124.4

192 21.0 16.0 24.0





#36

1,1-Dichloropropene

Concen: 4.278 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY012056.D

Acq: 03 Jan 2023 18:52

Instrument :

MSVOA_Y

ClientSampleId :

PL-01-10323

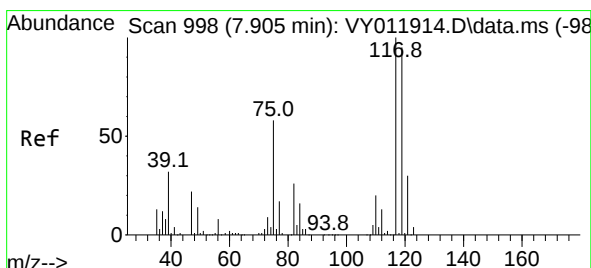
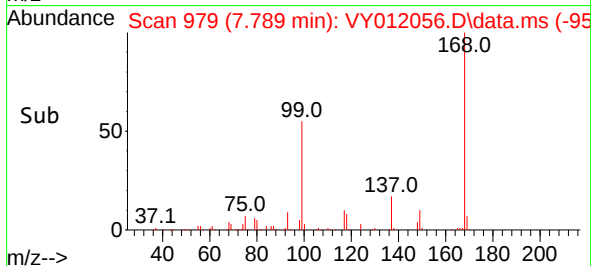
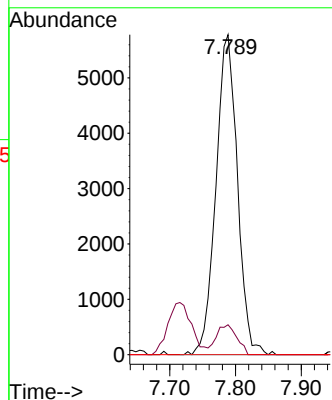
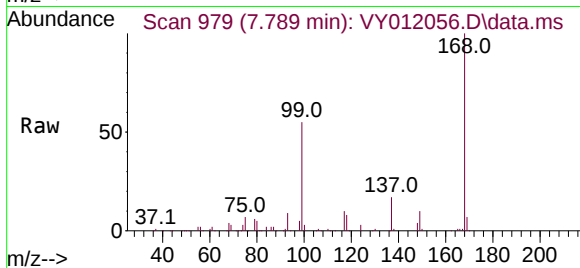
Tgt Ion: 75 Resp: 13159

Ion Ratio Lower Upper

75 100

110 8.9 18.1 54.1#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.032 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.116 min

Lab File: VY012056.D

Acq: 03 Jan 2023 18:52

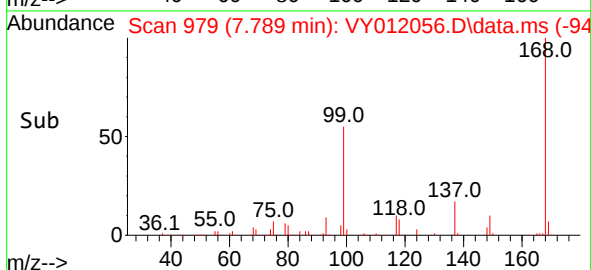
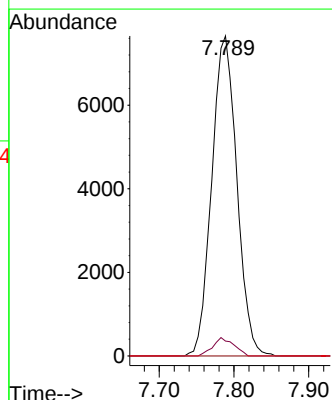
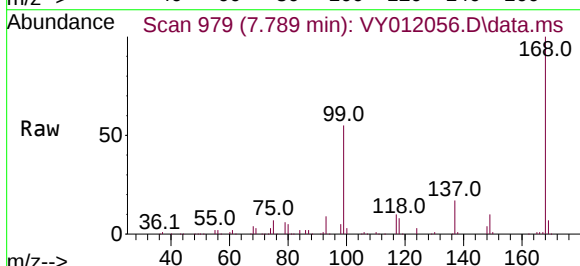
Tgt Ion: 117 Resp: 17876

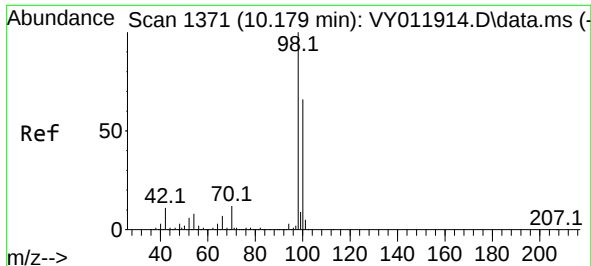
Ion Ratio Lower Upper

117 100

119 4.6 73.8 110.8#

121 0.0 25.2 37.8#

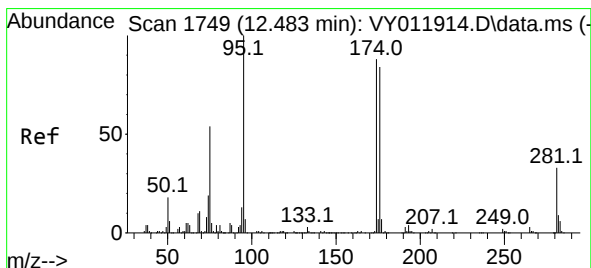
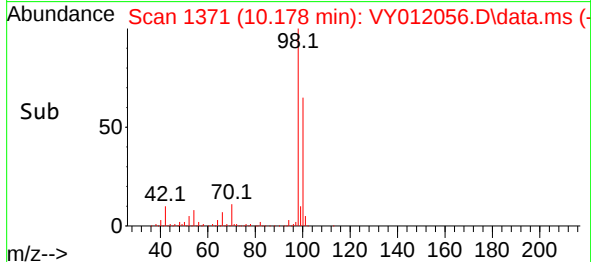
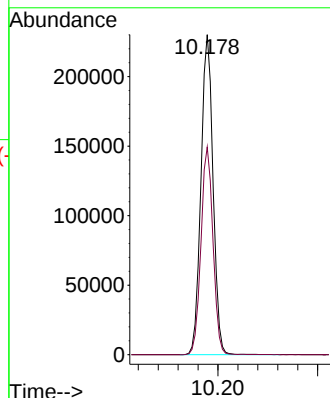
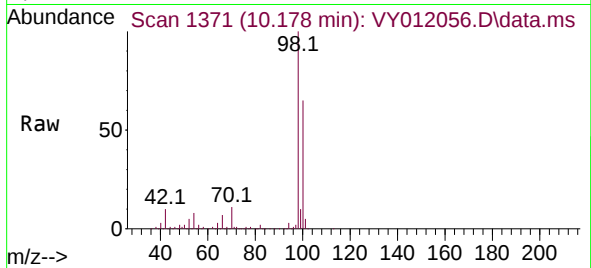




#50
Toluene-d8
Concen: 49.676 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012056.D
Acq: 03 Jan 2023 18:52

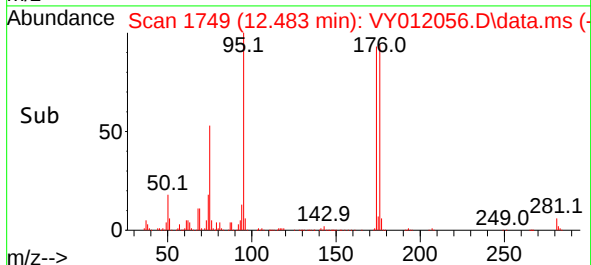
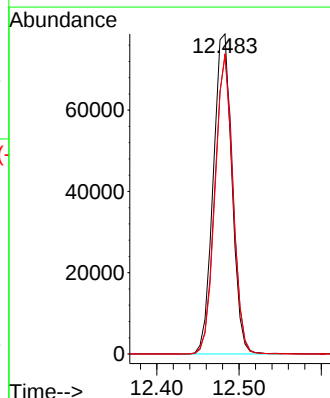
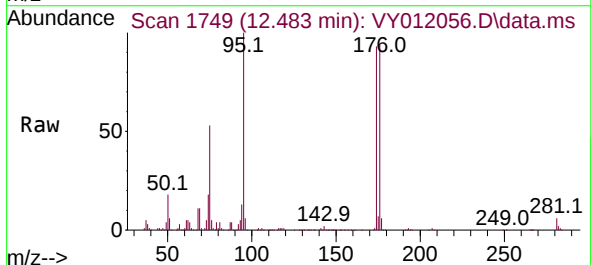
Instrument :
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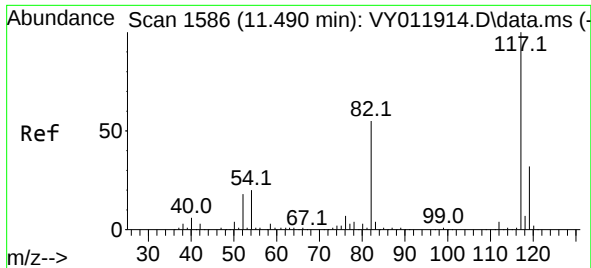
Tgt Ion: 98 Resp: 386519
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 47.482 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012056.D
Acq: 03 Jan 2023 18:52

Tgt Ion: 95 Resp: 124252
Ion Ratio Lower Upper
95 100
174 91.3 0.0 172.0
176 89.1 0.0 167.6

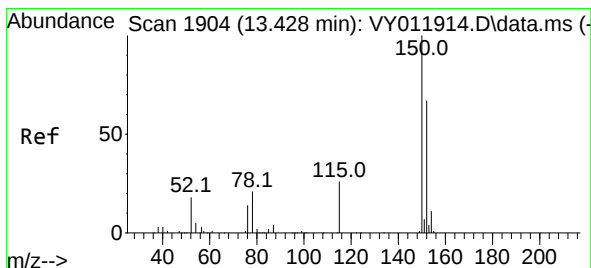
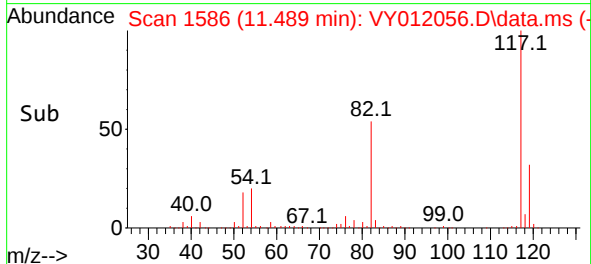
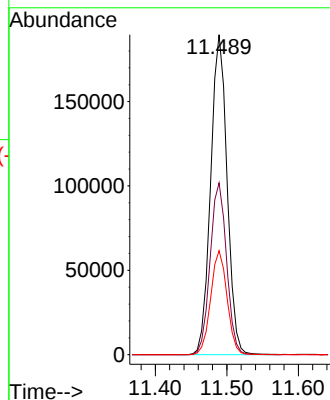
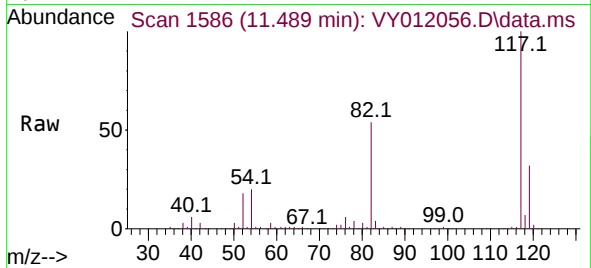




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012056.D
Acq: 03 Jan 2023 18:52

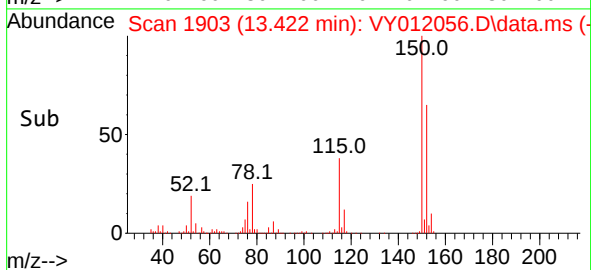
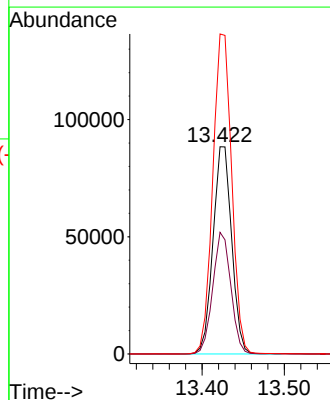
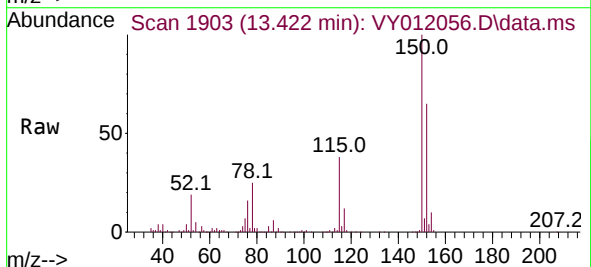
Instrument :
MSVOA_Y
ClientSampleId :
PL-01-10323

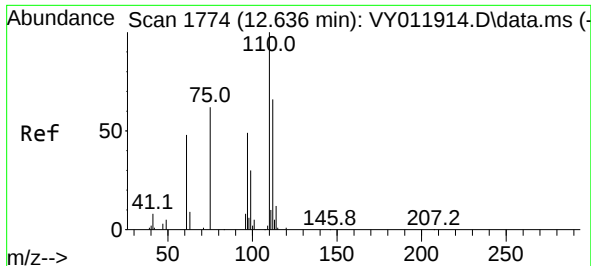
Tgt Ion:117 Resp: 302283
Ion Ratio Lower Upper
117 100
82 53.7 44.8 67.2
119 32.5 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY012056.D
Acq: 03 Jan 2023 18:52

Tgt Ion:152 Resp: 139536
Ion Ratio Lower Upper
152 100
115 56.9 29.1 87.3
150 156.3 0.0 342.6

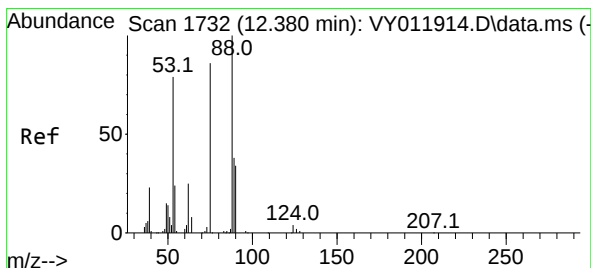
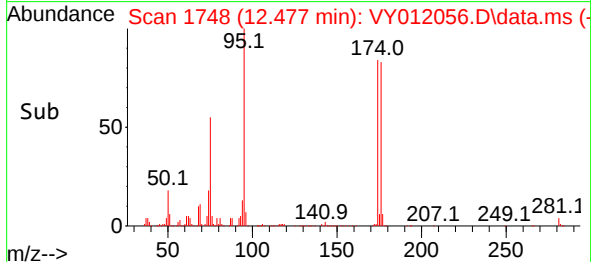
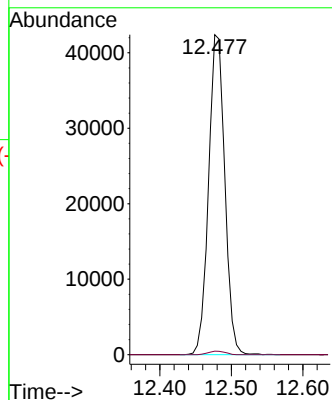
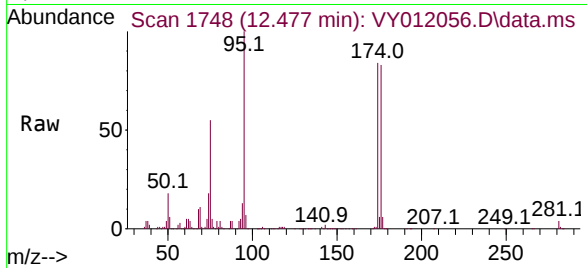




#76
1,2,3-Trichloropropane
Concen: 38.430 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.159 min
Lab File: VY012056.D
Acq: 03 Jan 2023 18:52

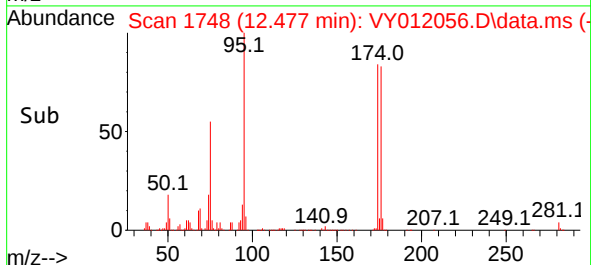
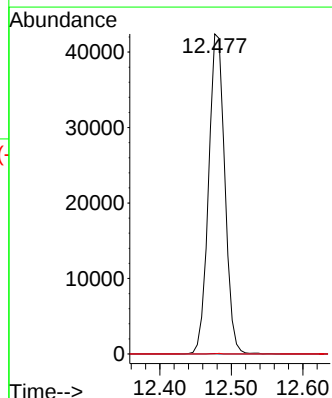
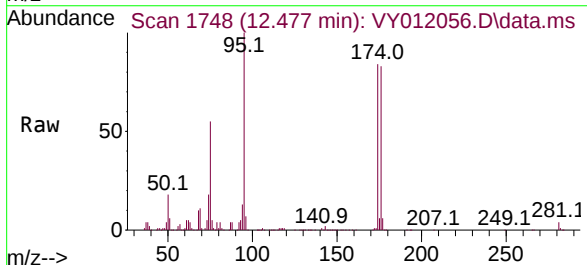
Instrument :
MSVOA_Y
ClientSampleId :
PL-01-10323

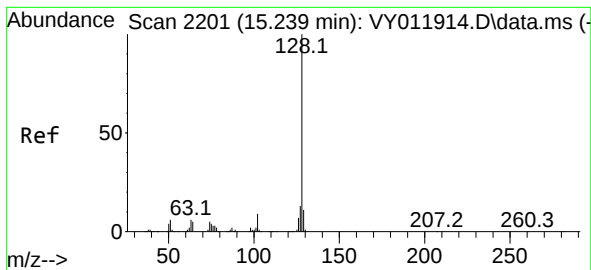
Tgt Ion: 75 Resp: 66726
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 105.241 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY012056.D
Acq: 03 Jan 2023 18:52

Tgt Ion: 75 Resp: 66726
Ion Ratio Lower Upper
75 100
53 0.1 72.5 108.7#
89 0.0 37.0 55.4#





#95

Naphthalene

Concen: 2.848 ug/l

RT: 15.238 min Scan# 21

Delta R.T. -0.001 min

Lab File: VY012056.D

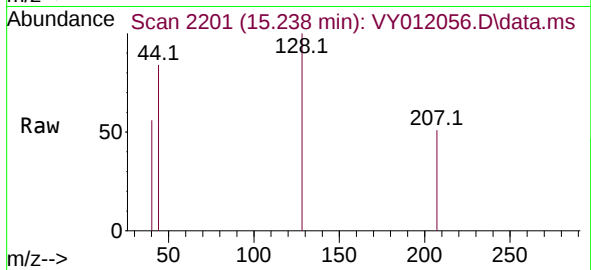
Acq: 03 Jan 2023 18:52

Instrument :

MSVOA_Y

ClientSampleId :

PL-01-10323



Tgt Ion:128 Resp: 378

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.2#

129 0.0 8.8 13.2#

