

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010923\
 Data File : VY012122.D
 Acq On : 09 Jan 2023 19:41
 Operator : KP/MD
 Sample : 01084-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-2

Quant Time: Jan 10 01:50:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 07 01:46:48 2023
 Response via : Initial Calibration

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

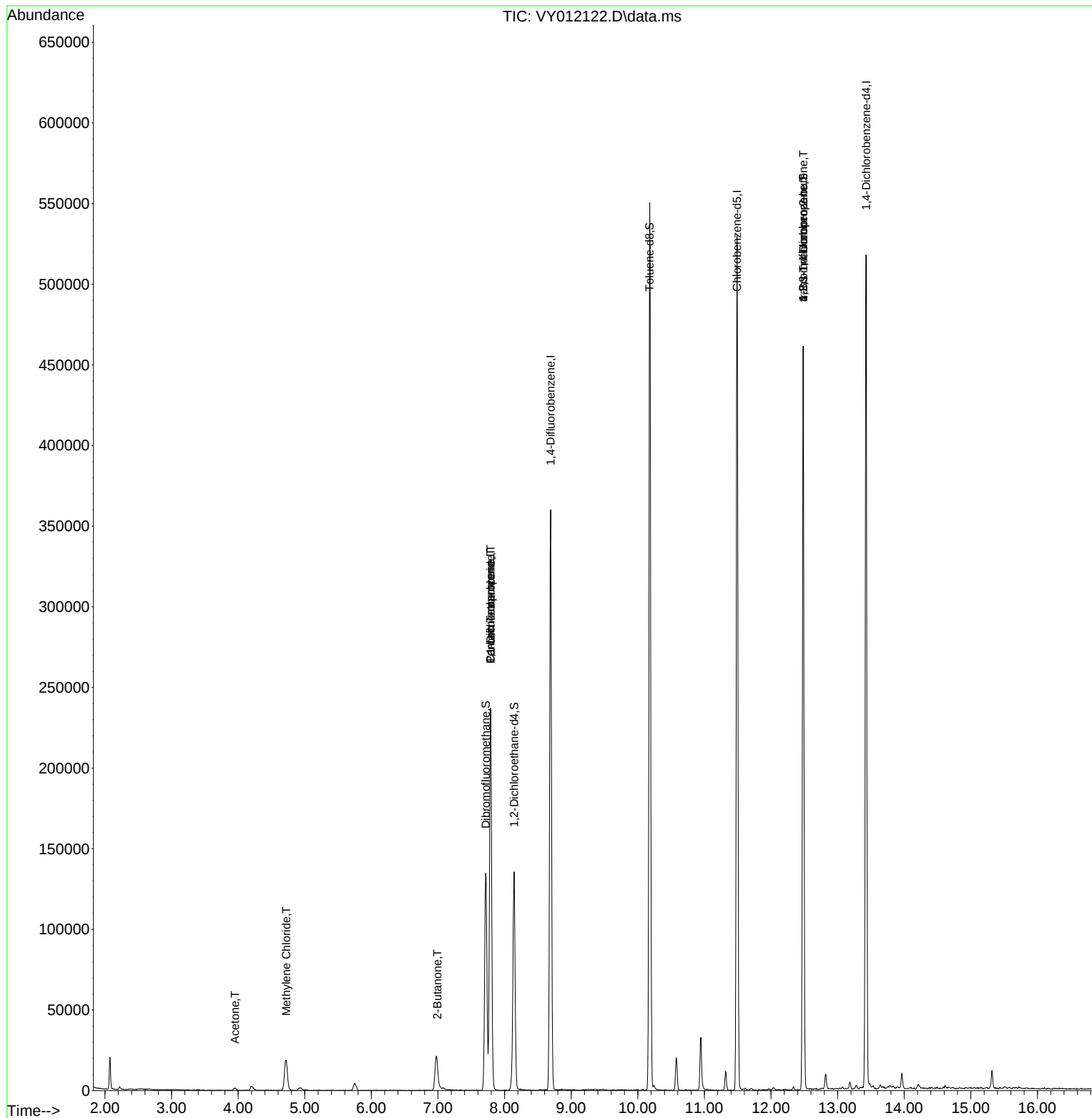
Internal Standards						
1) Pentafluorobenzene	7.789	168	185340	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	313015	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	298353	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	139679	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	108096	51.905	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.800%	
35) Dibromofluoromethane	7.716	113	93891	45.636	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 91.280%	
50) Toluene-d8	10.179	98	372955	45.927	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 91.860%	
62) 4-Bromofluorobenzene	12.483	95	124873	43.993	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 87.980%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	92	Below Cal	#	41
3) Chloromethane	2.119	50	106	Below Cal	#	41
5) Bromomethane	2.656	94	78	Below Cal	#	74
11) Tert butyl alcohol	4.930	59	2005	Below Cal	#	74
16) Acetone	3.954	43	2666	5.442	ug/l	97
20) Methylene Chloride	4.722	84	15606	1.835	ug/l	# 90
25) 2-Butanone	6.990	43	2348	3.633	ug/l	90
31) Cyclohexane	7.789	56	3304	Below Cal	#	1
36) 1,1-Dichloropropene	7.789	75	13266	4.250	ug/l	# 49
38) Carbon Tetrachloride	7.789	117	18433	4.653	ug/l	# 18
76) 1,2,3-Trichloropropane	12.483	75	67044	42.038	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	67044	93.359	ug/l	# 13

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010923\
Data File : VY012122.D
Acq On : 09 Jan 2023 19:41
Operator : KP/MD
Sample : 01084-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MH-2

Quant Time: Jan 10 01:50:41 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
Quant Title : SW846 8260
QLast Update : Sat Jan 07 01:46:48 2023
Response via : Initial Calibration

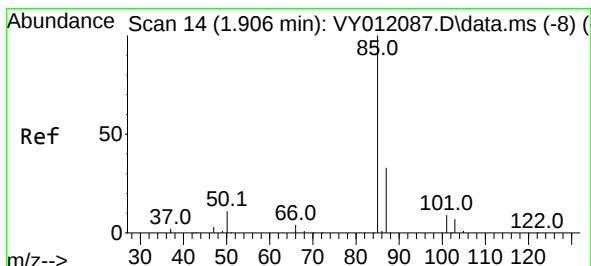
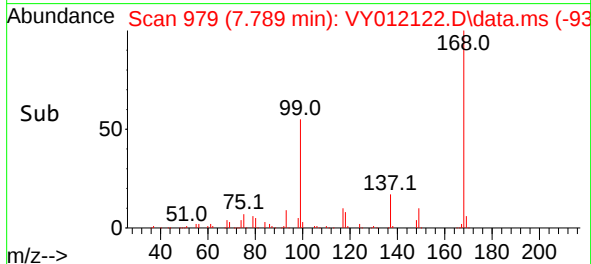
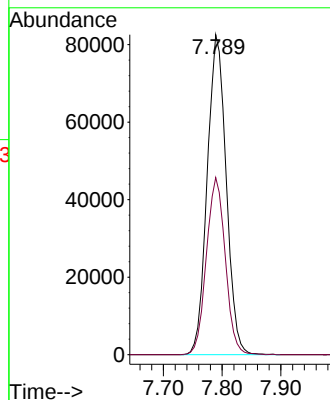
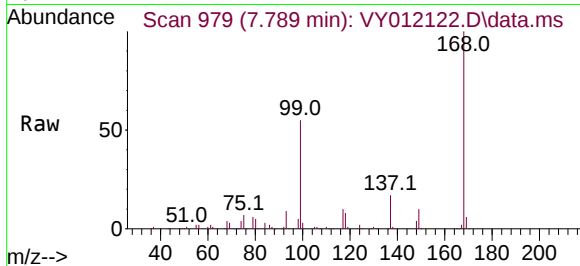




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012122.D
Acq: 09 Jan 2023 19:41

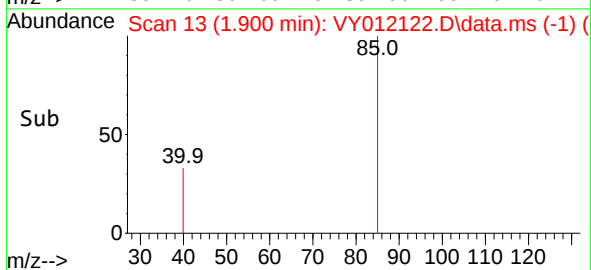
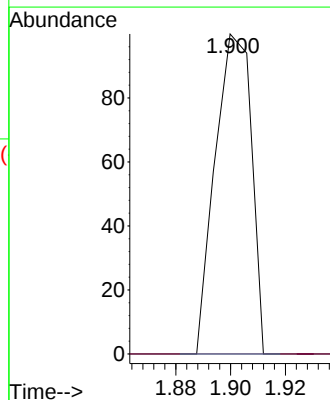
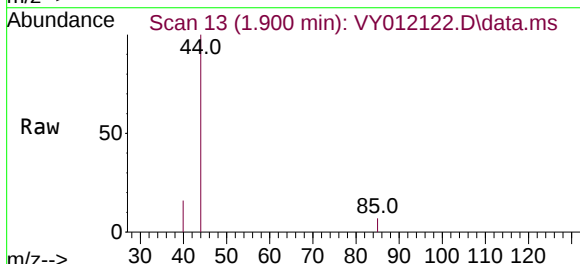
Instrument :
MSVOA_Y
ClientSampleId :
MH-2

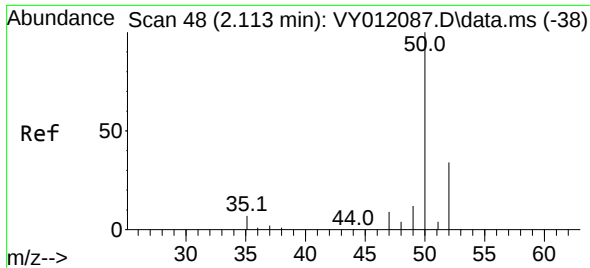
Tgt Ion:168 Resp: 185340
Ion Ratio Lower Upper
168 100
99 55.4 44.0 66.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY012122.D
Acq: 09 Jan 2023 19:41

Tgt Ion: 85 Resp: 92
Ion Ratio Lower Upper
85 100
87 0.0 16.8 50.4#

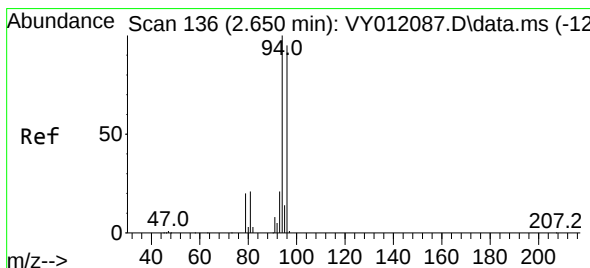
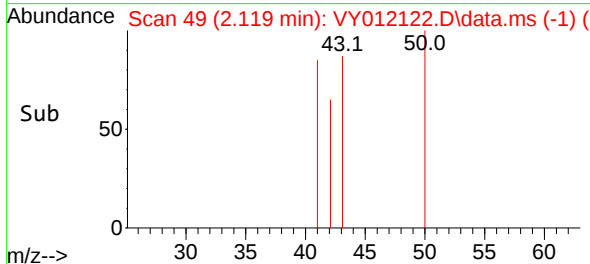
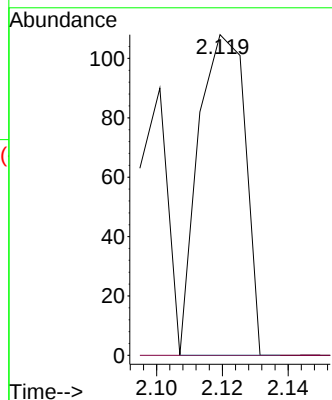
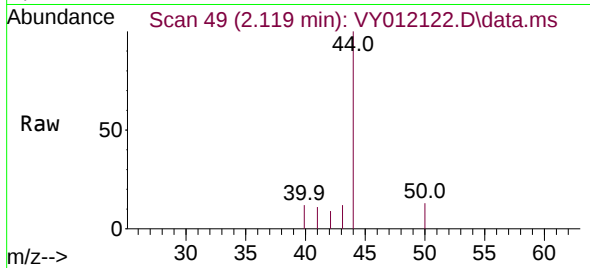




#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY012122.D
Acq: 09 Jan 2023 19:41

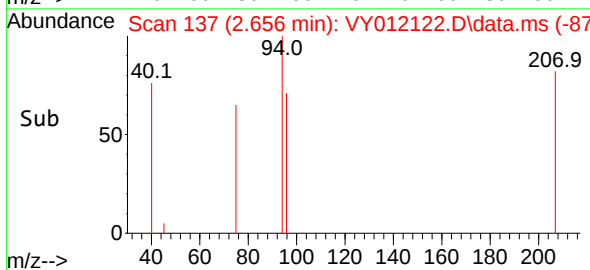
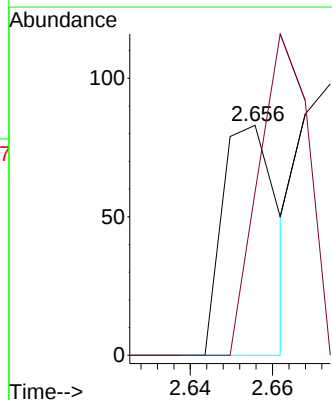
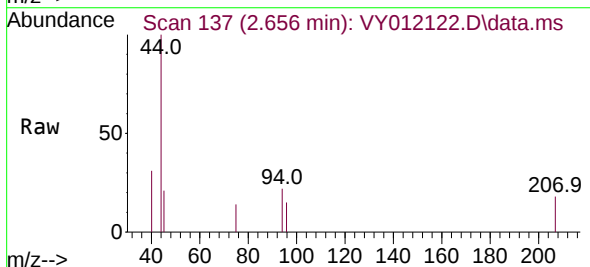
Instrument :
MSVOA_Y
ClientSampleId :
MH-2

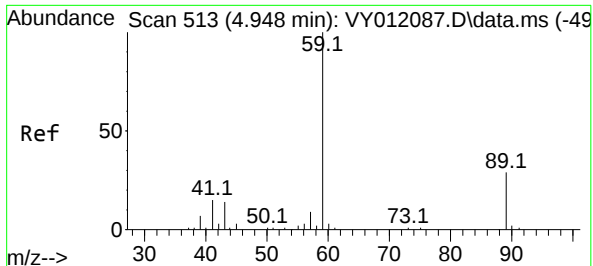
Tgt Ion: 50 Resp: 106
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#



#5
Bromomethane
Concen: Below Cal
RT: 2.656 min Scan# 137
Delta R.T. 0.006 min
Lab File: VY012122.D
Acq: 09 Jan 2023 19:41

Tgt Ion: 94 Resp: 78
Ion Ratio Lower Upper
94 100
96 71.1 77.4 116.2#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.930 min Scan# 51

Delta R.T. -0.018 min

Lab File: VY012122.D

Acq: 09 Jan 2023 19:41

Instrument :

MSVOA_Y

ClientSampleId :

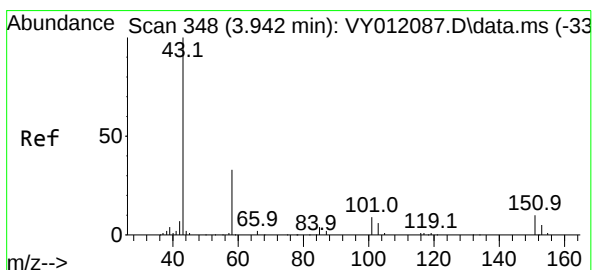
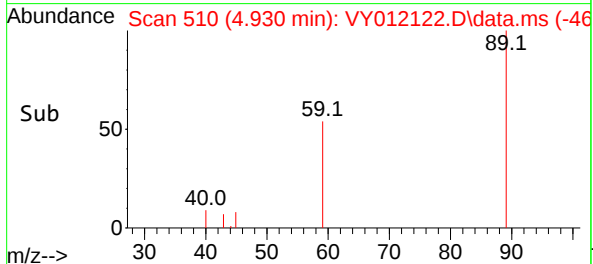
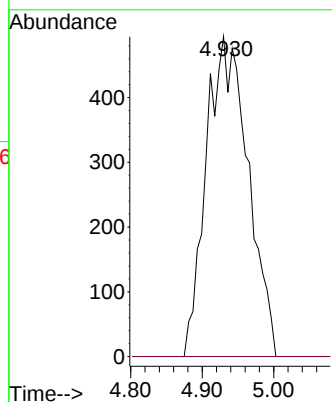
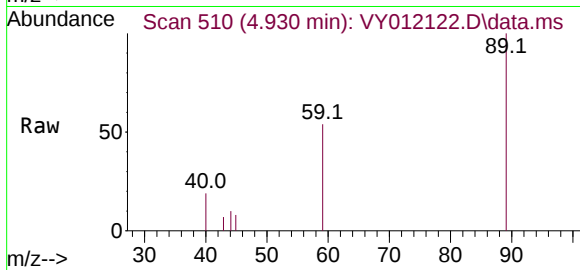
MH-2

Tgt Ion: 59 Resp: 2005

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.2#



#16

Acetone

Concen: 5.442 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.012 min

Lab File: VY012122.D

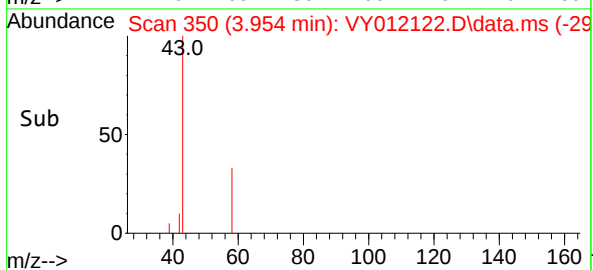
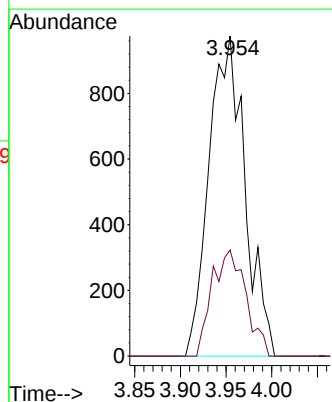
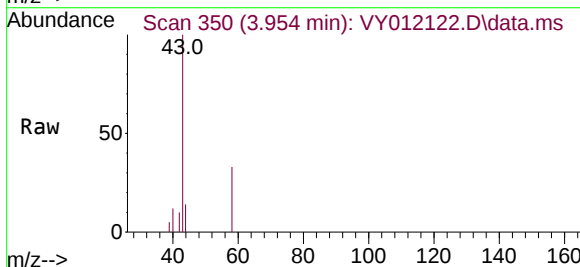
Acq: 09 Jan 2023 19:41

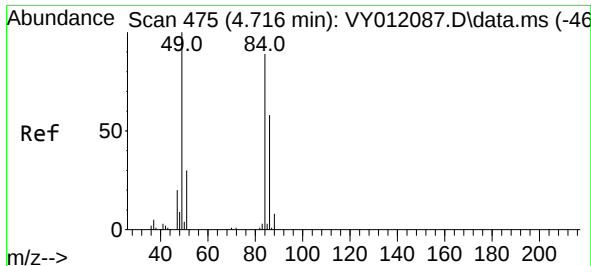
Tgt Ion: 43 Resp: 2666

Ion Ratio Lower Upper

43 100

58 33.1 27.9 41.9

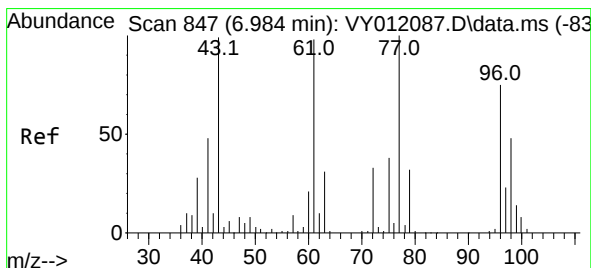
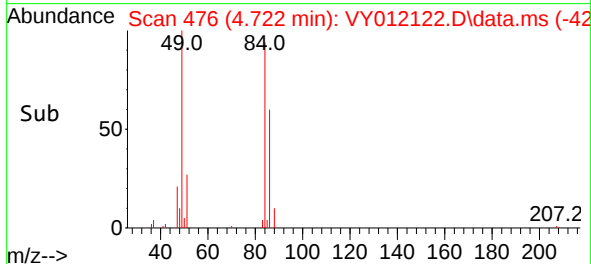
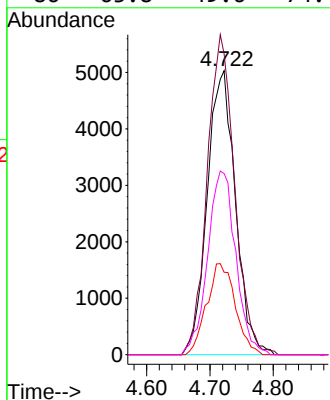
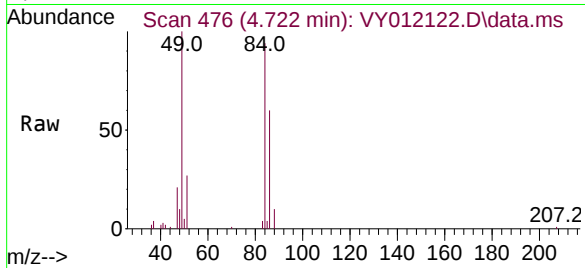




#20
Methylene Chloride
Concen: 1.835 ug/l
RT: 4.722 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY012122.D
Acq: 09 Jan 2023 19:41

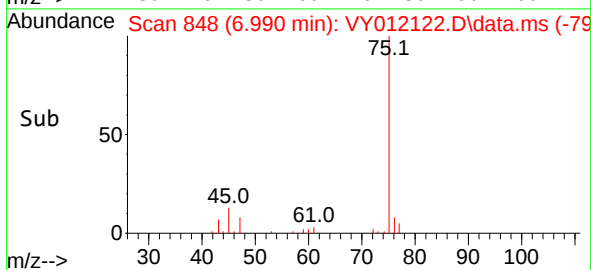
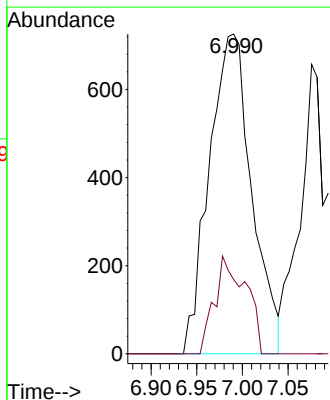
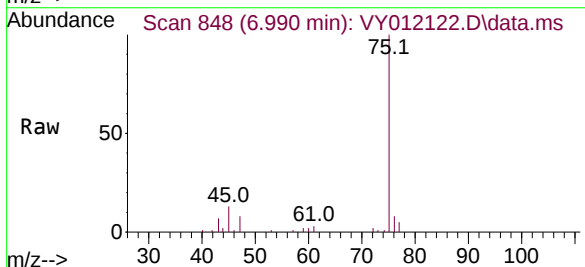
Instrument :
MSVOA_Y
ClientSampleId :
MH-2

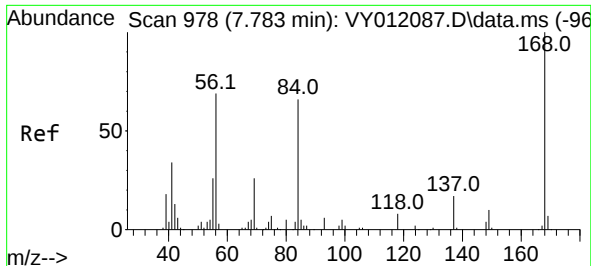
Tgt Ion: 84 Resp: 15606
Ion Ratio Lower Upper
84 100
49 105.8 95.4 143.2
51 29.0 29.9 44.9#
86 63.8 49.6 74.4



#25
2-Butanone
Concen: 3.633 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY012122.D
Acq: 09 Jan 2023 19:41

Tgt Ion: 43 Resp: 2348
Ion Ratio Lower Upper
43 100
72 23.3 22.6 34.0

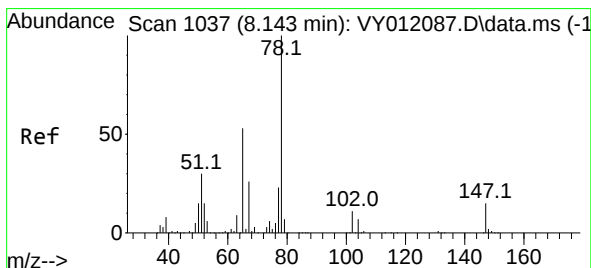
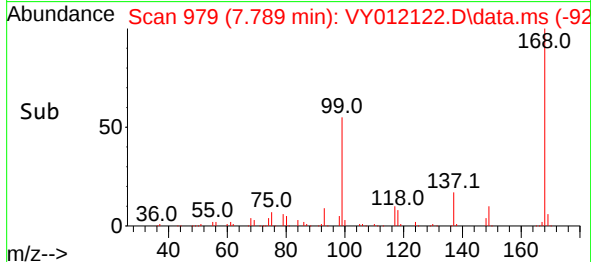
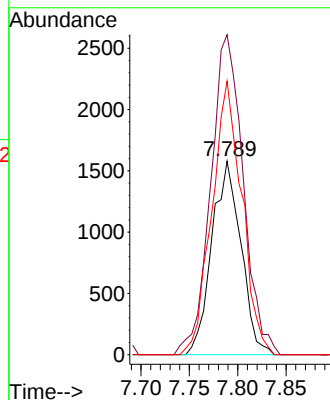
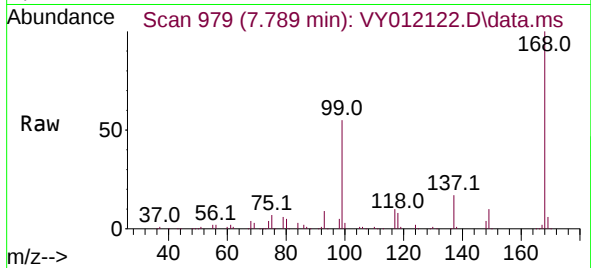




#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012122.D
Acq: 09 Jan 2023 19:41

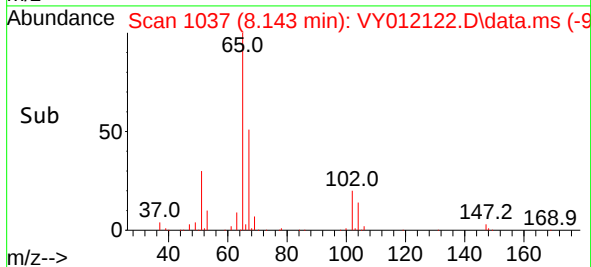
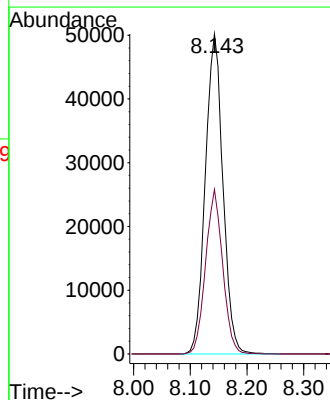
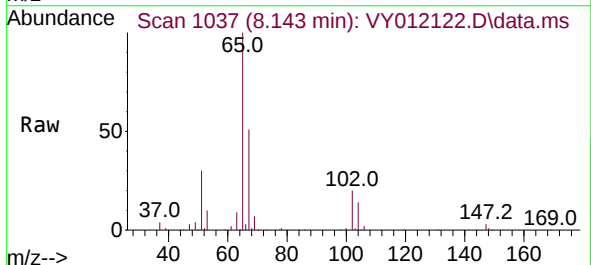
Instrument :
MSVOA_Y
ClientSampleId :
MH-2

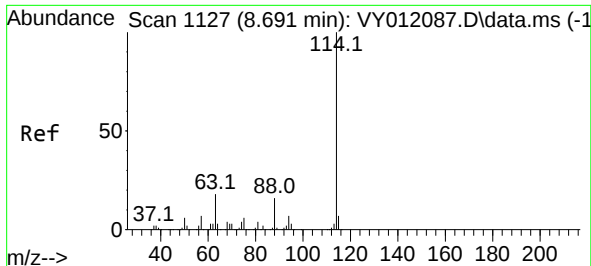
Tgt Ion: 56 Resp: 3304
Ion Ratio Lower Upper
56 100
69 165.5 29.2 43.8#
84 141.4 72.6 108.8#



#33
1,2-Dichloroethane-d4
Concen: 51.905 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012122.D
Acq: 09 Jan 2023 19:41

Tgt Ion: 65 Resp: 108096
Ion Ratio Lower Upper
65 100
67 50.0 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: VY012122.D

Acq: 09 Jan 2023 19:41

Instrument :

MSVOA_Y

ClientSampleId :

MH-2

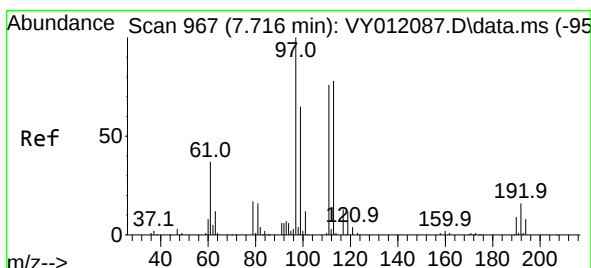
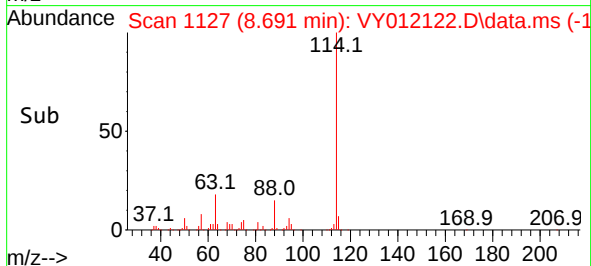
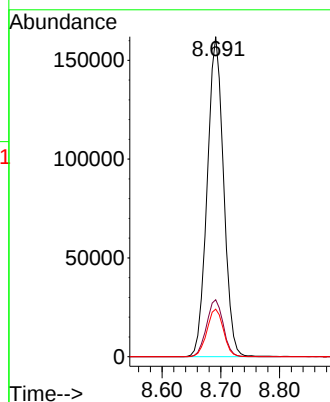
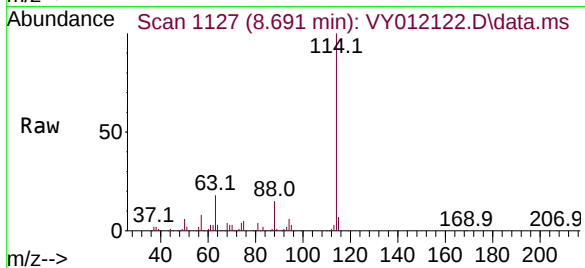
Tgt Ion:114 Resp: 313015

Ion Ratio Lower Upper

114 100

63 17.8 0.0 39.6

88 14.9 0.0 32.2



#35

Dibromofluoromethane

Concen: 45.636 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012122.D

Acq: 09 Jan 2023 19:41

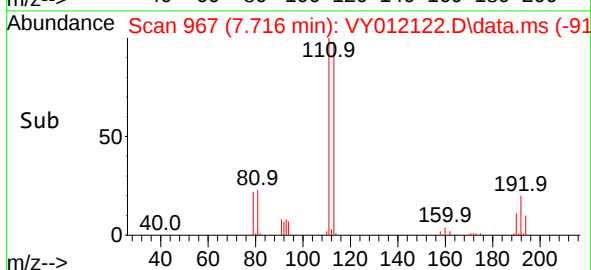
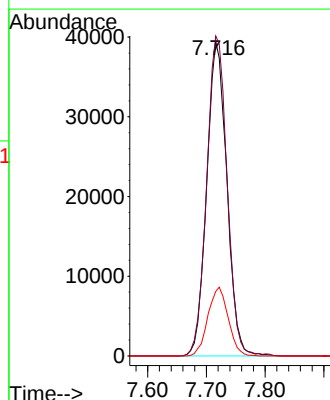
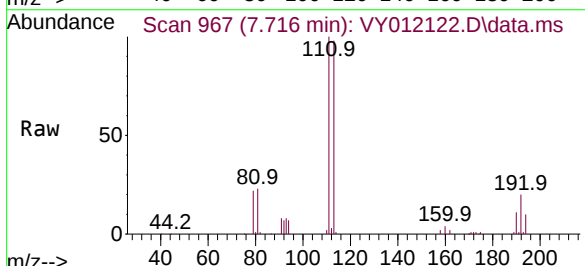
Tgt Ion:113 Resp: 93891

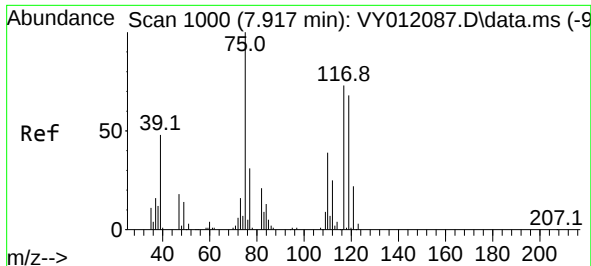
Ion Ratio Lower Upper

113 100

111 103.2 83.0 124.4

192 22.0 16.0 24.0





#36

1,1-Dichloropropene

Concen: 4.250 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY012122.D

Acq: 09 Jan 2023 19:41

Instrument :

MSVOA_Y

ClientSampleId :

MH-2

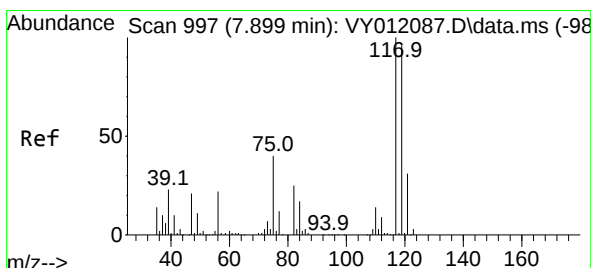
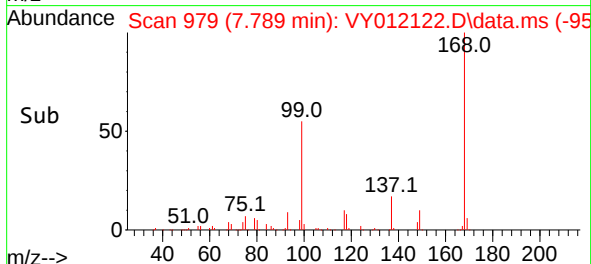
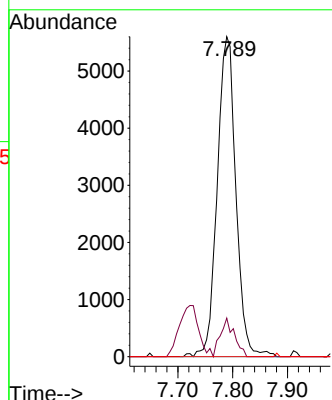
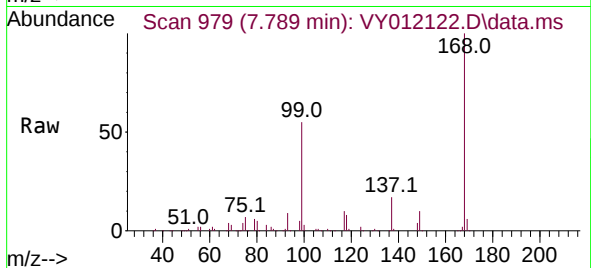
Tgt Ion: 75 Resp: 13266

Ion Ratio Lower Upper

75 100

110 9.0 18.1 54.1#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 4.653 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY012122.D

Acq: 09 Jan 2023 19:41

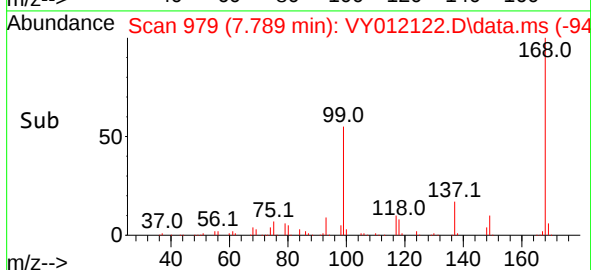
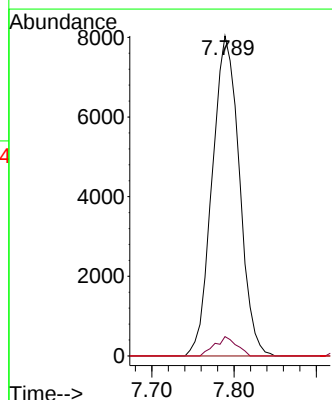
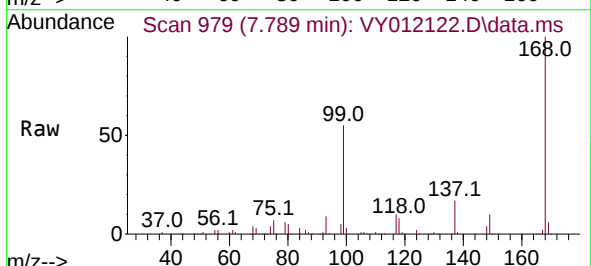
Tgt Ion: 117 Resp: 18433

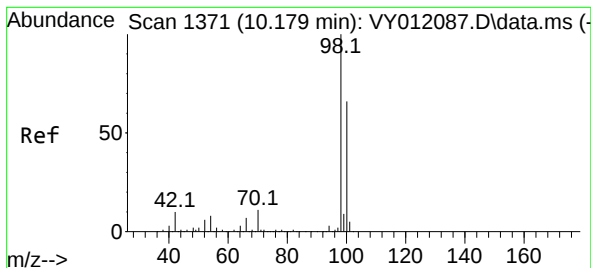
Ion Ratio Lower Upper

117 100

119 6.1 73.8 110.8#

121 0.0 25.2 37.8#

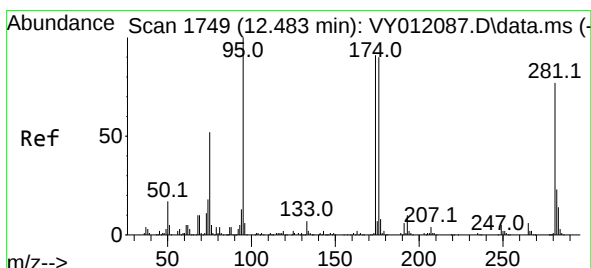
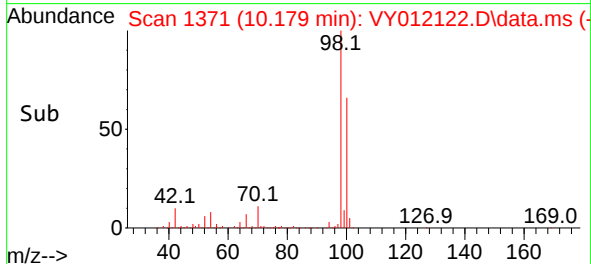
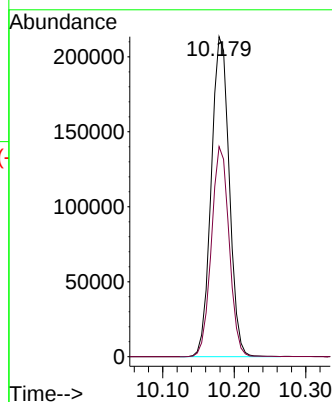
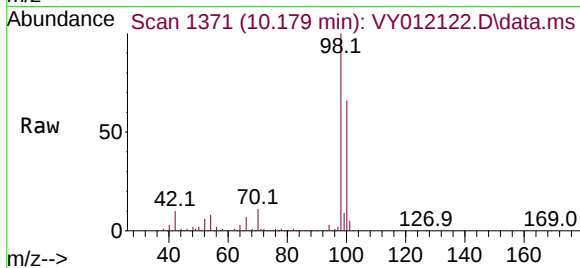




#50
Toluene-d8
Concen: 45.927 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012122.D
Acq: 09 Jan 2023 19:41

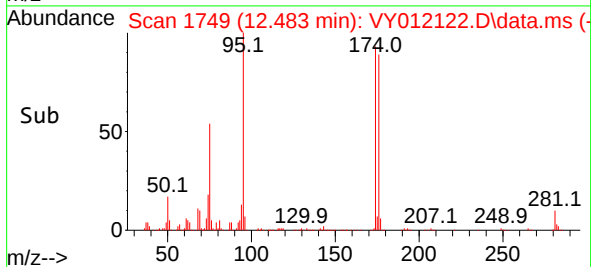
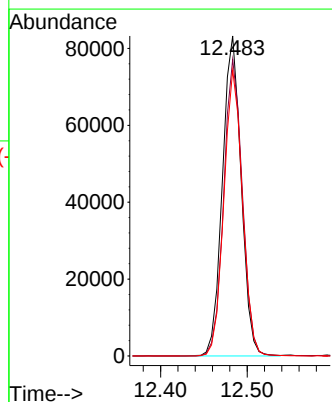
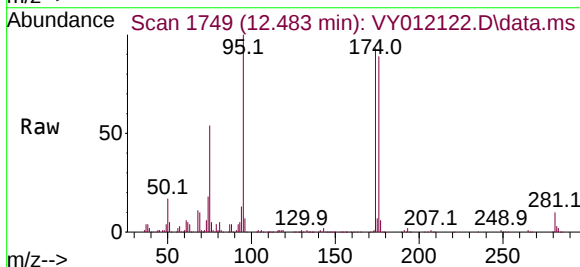
Instrument :
MSVOA_Y
ClientSampleId :
MH-2

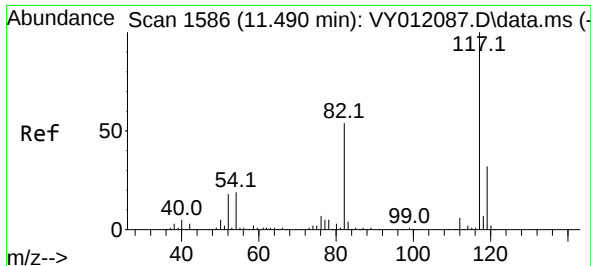
Tgt Ion: 98 Resp: 372955
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 43.993 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012122.D
Acq: 09 Jan 2023 19:41

Tgt Ion: 95 Resp: 124873
Ion Ratio Lower Upper
95 100
174 92.4 0.0 172.0
176 88.7 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012122.D

Acq: 09 Jan 2023 19:41

Instrument :

MSVOA_Y

ClientSampleId :

MH-2

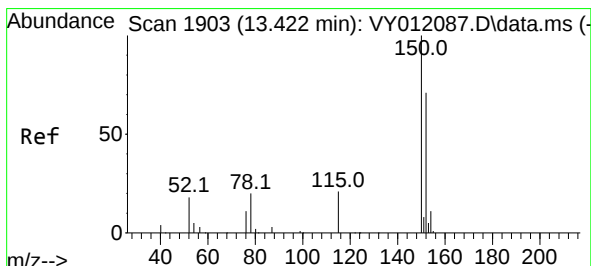
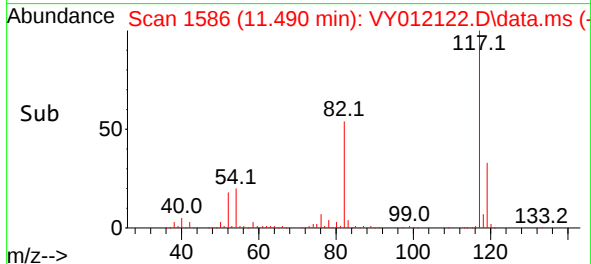
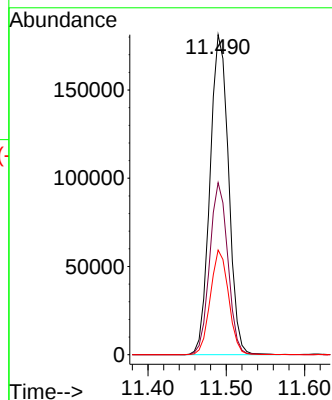
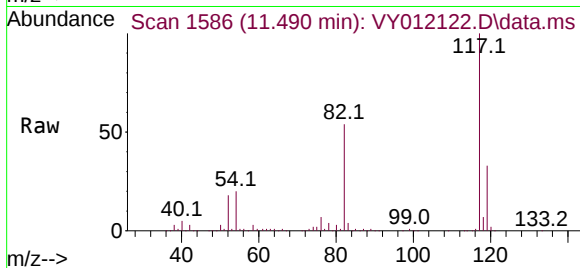
Tgt Ion:117 Resp: 298353

Ion Ratio Lower Upper

117 100

82 53.7 44.8 67.2

119 32.7 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY012122.D

Acq: 09 Jan 2023 19:41

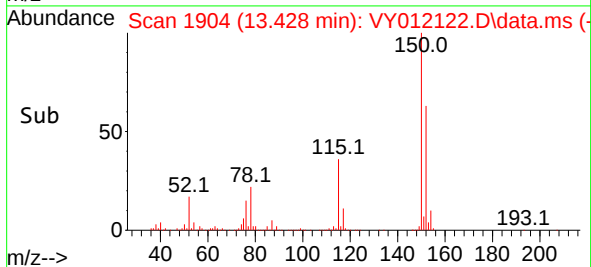
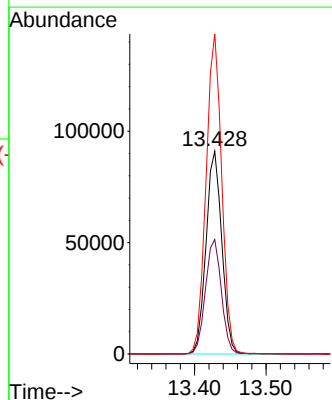
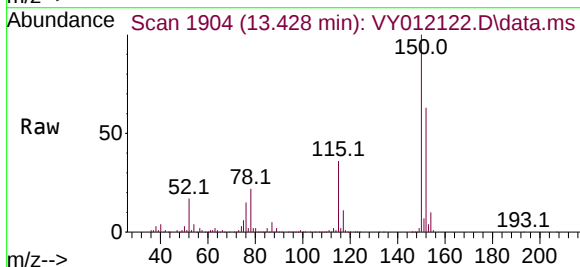
Tgt Ion:152 Resp: 139679

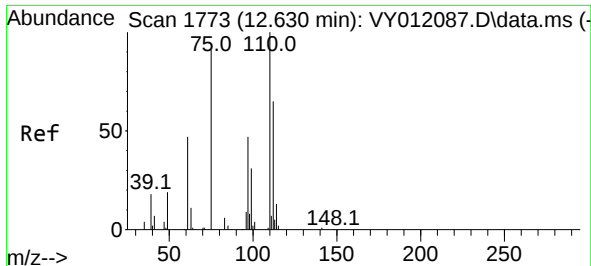
Ion Ratio Lower Upper

152 100

115 57.1 29.1 87.3

150 156.4 0.0 342.6

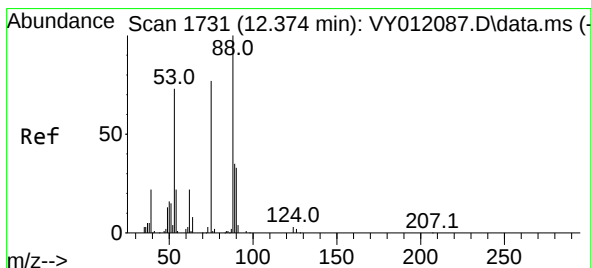
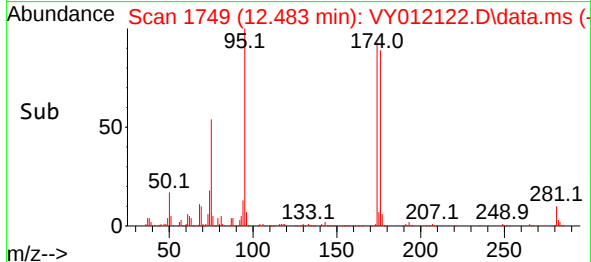
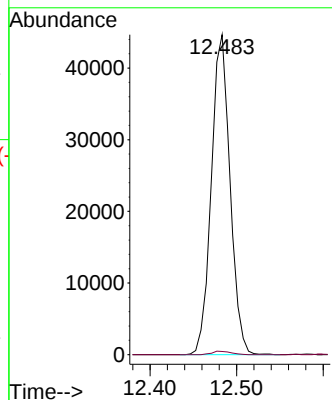
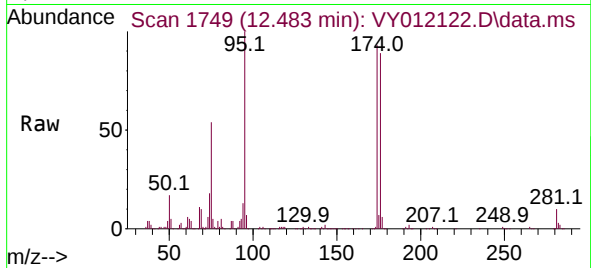




#76
1,2,3-Trichloropropane
Concen: 42.038 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY012122.D
Acq: 09 Jan 2023 19:41

Instrument :
MSVOA_Y
ClientSampleId :
MH-2

Tgt Ion: 75 Resp: 67044
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.359 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY012122.D
Acq: 09 Jan 2023 19:41

Tgt Ion: 75 Resp: 67044
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.3 37.0 55.4#

