

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013023\
 Data File : VY012408.D
 Acq On : 30 Jan 2023 19:18
 Operator : KP/MD
 Sample : 01333-04
 Misc : 5.32g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-11

Quant Time: Jan 31 01:49:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

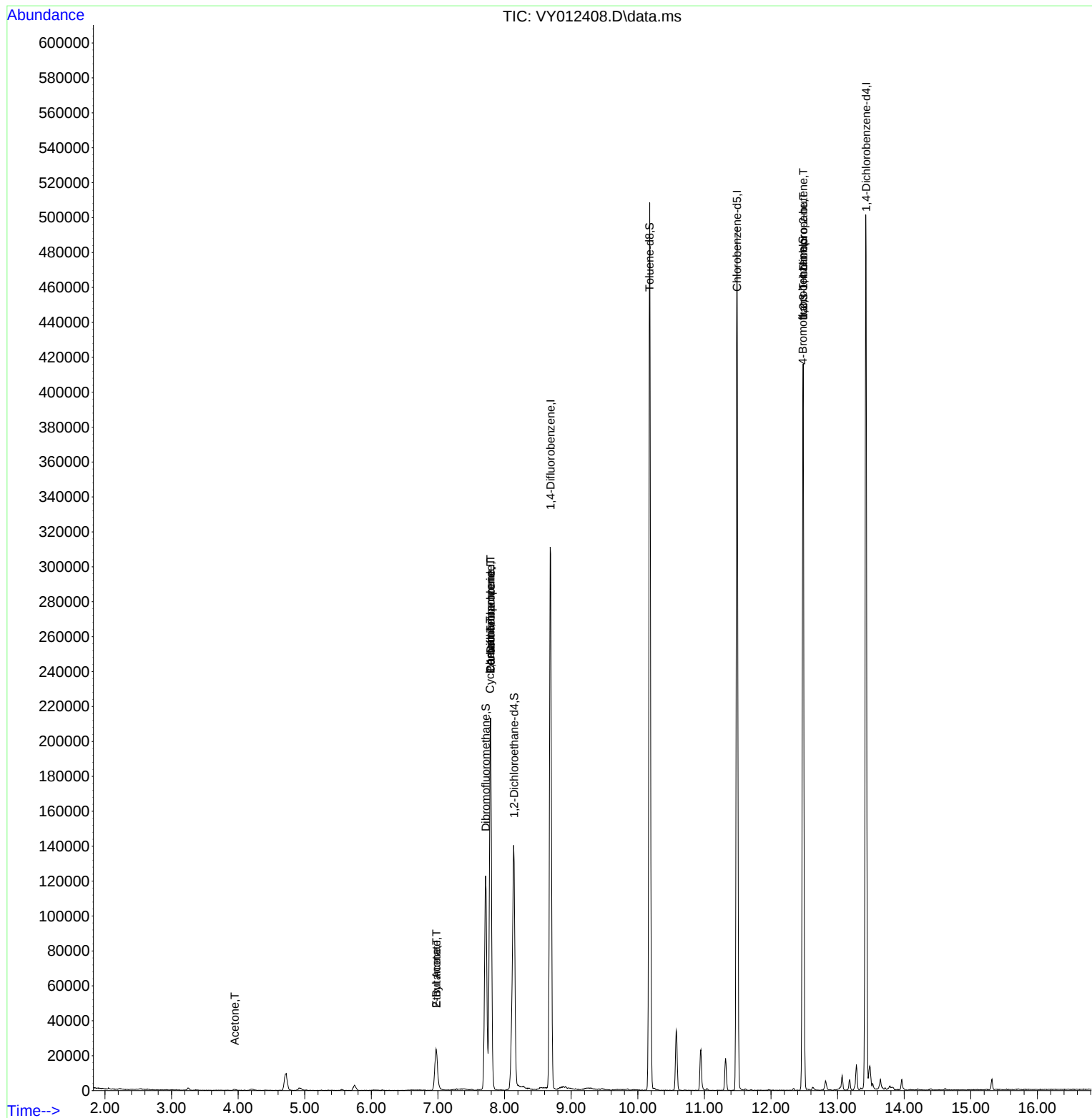
Internal Standards						
1) Pentafluorobenzene	7.789	168	167354	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	279939	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	276648	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	135303	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	101385	75.058	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 150.120%			
35) Dibromofluoromethane	7.716	113	82168	55.434	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.860%			
50) Toluene-d8	10.179	98	332676	66.177	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 132.360%			
62) 4-Bromofluorobenzene	12.477	95	114850	54.964	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 109.920%			
Target Compounds						
11) Tert butyl alcohol	4.912	59	1596	Below Cal	#	74
16) Acetone	3.948	43	1060	2.275	ug/l	96
20) Methylene Chloride	4.716	84	8232	Below Cal		89
25) 2-Butanone	6.978	43	1451	2.820	ug/l	91
31) Cyclohexane	7.783	56	3121	1.279	ug/l	# 28
36) 1,1-Dichloropropene	7.789	75	11268	4.473	ug/l	# 51
37) Ethyl Acetate	6.978	43	1451	1.307	ug/l	# 2
38) Carbon Tetrachloride	7.789	117	16975	5.217	ug/l	# 18
76) 1,2,3-Trichloropropane	12.483	75	62056	49.878	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	62056	102.770	ug/l	# 13

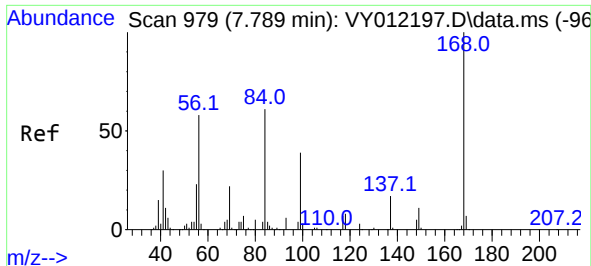
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013023\
Data File : VY012408.D
Acq On : 30 Jan 2023 19:18
Operator : KP/MD
Sample : 01333-04
Misc : 5.32g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MH-11

Quant Time: Jan 31 01:49:44 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 17 04:31:47 2023
Response via : Initial Calibration

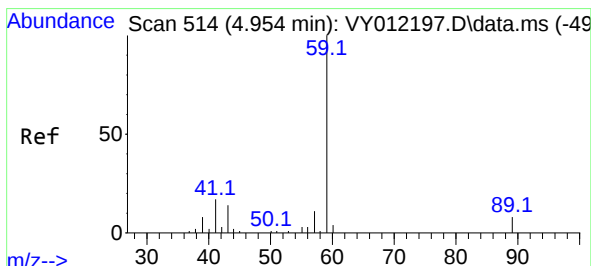
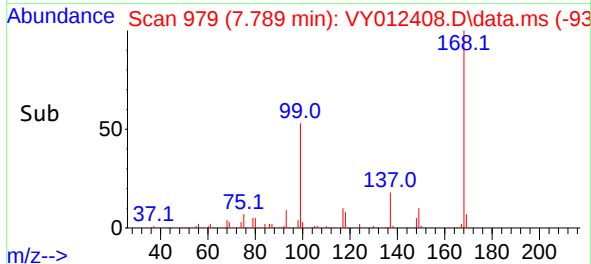
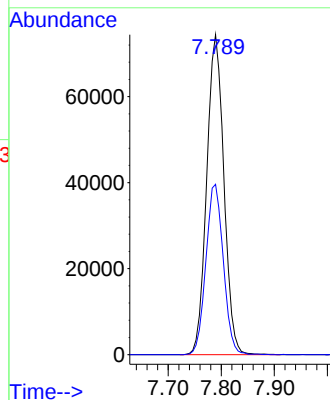
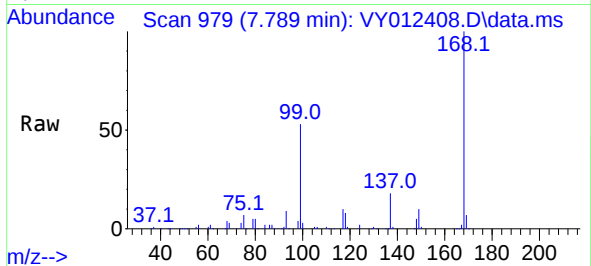




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012408.D
Acq: 30 Jan 2023 19:18

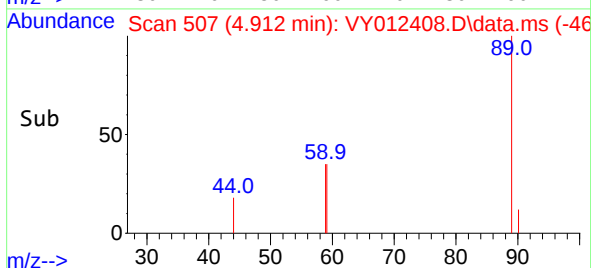
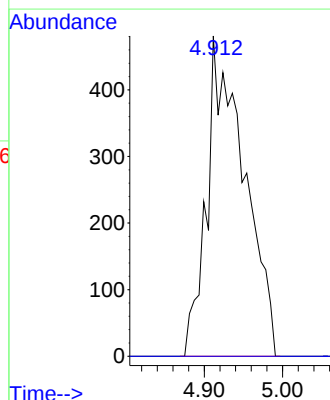
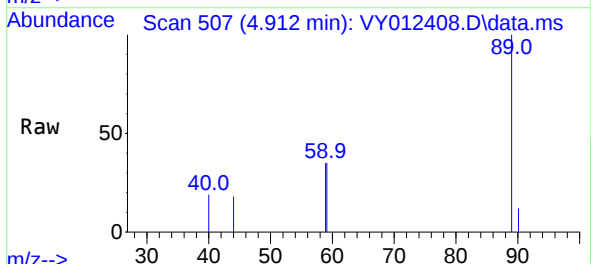
Instrument :
MSVOA_Y
ClientSampleId :
MH-11

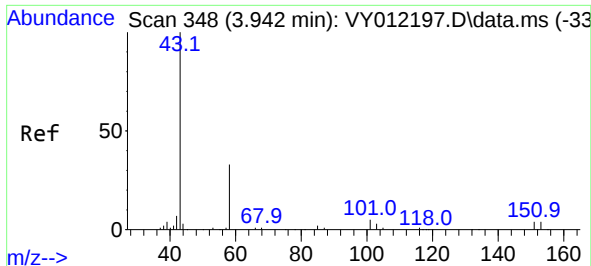
Tgt Ion:168 Resp: 167354
Ion Ratio Lower Upper
168 100
99 53.3 44.0 66.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.912 min Scan# 507
Delta R.T. -0.036 min
Lab File: VY012408.D
Acq: 30 Jan 2023 19:18

Tgt Ion: 59 Resp: 1596
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

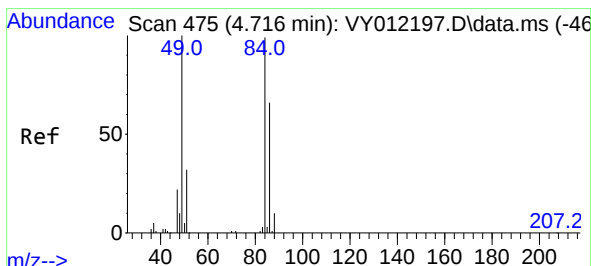
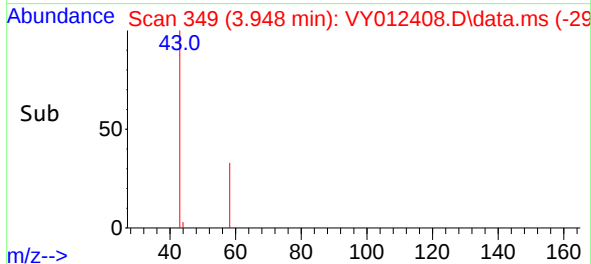
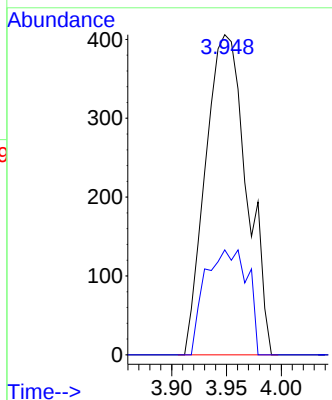
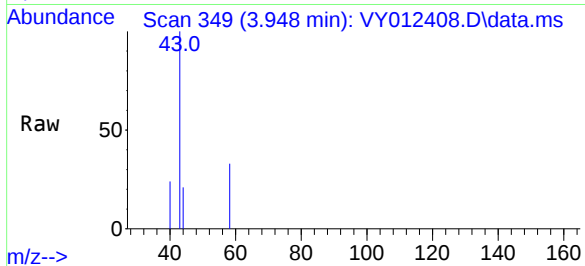




#16
Acetone
Concen: 2.275 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY012408.D
Acq: 30 Jan 2023 19:18

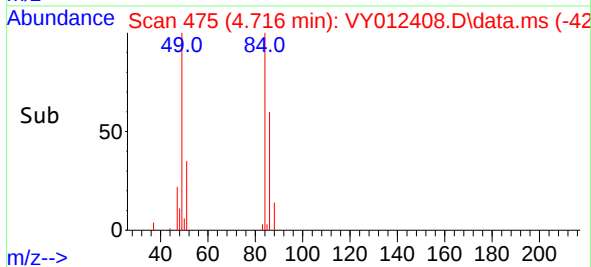
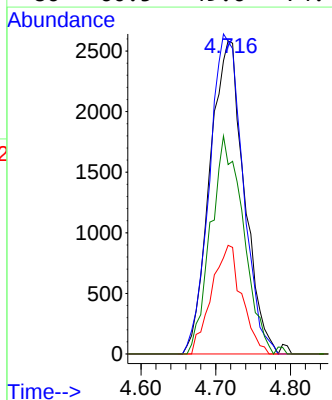
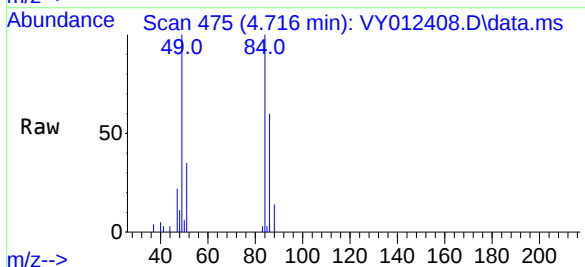
Instrument :
MSVOA_Y
ClientSampleId :
MH-11

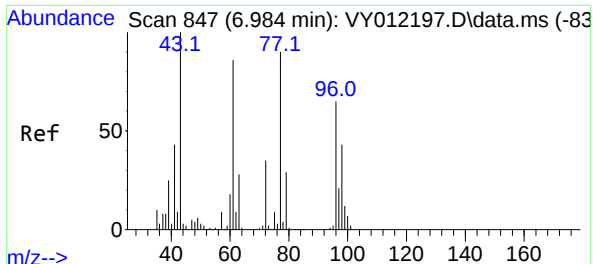
Tgt Ion: 43 Resp: 1060
Ion Ratio Lower Upper
43 100
58 32.8 27.9 41.9



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012408.D
Acq: 30 Jan 2023 19:18

Tgt Ion: 84 Resp: 8232
Ion Ratio Lower Upper
84 100
49 99.8 95.4 143.2
51 34.7 29.9 44.9
86 60.5 49.6 74.4





#25

2-Butanone

Concen: 2.820 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY012408.D

Acq: 30 Jan 2023 19:18

Instrument :

MSVOA_Y

ClientSampleId :

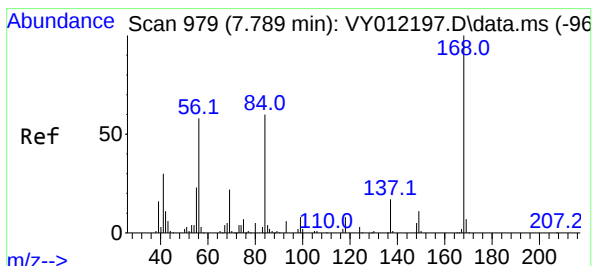
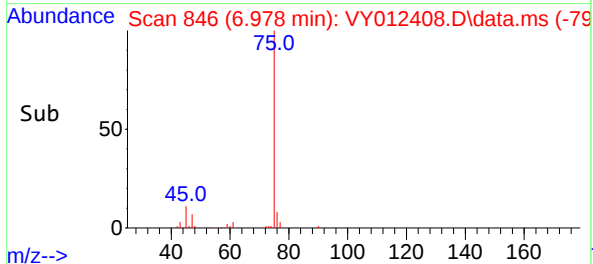
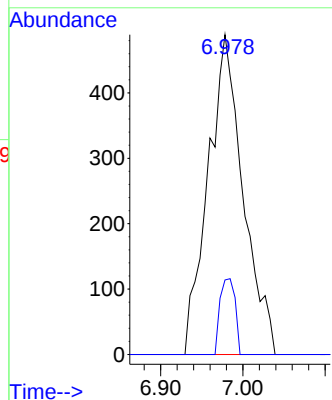
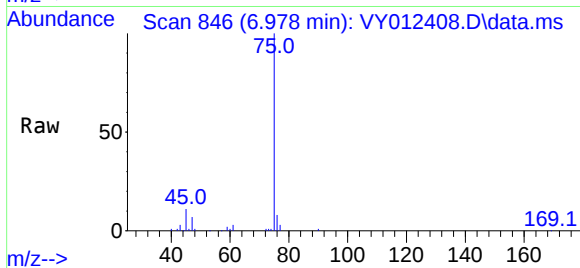
MH-11

Tgt Ion: 43 Resp: 1451

Ion Ratio Lower Upper

43 100

72 23.3 22.6 34.0



#31

Cyclohexane

Concen: 1.279 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.000 min

Lab File: VY012408.D

Acq: 30 Jan 2023 19:18

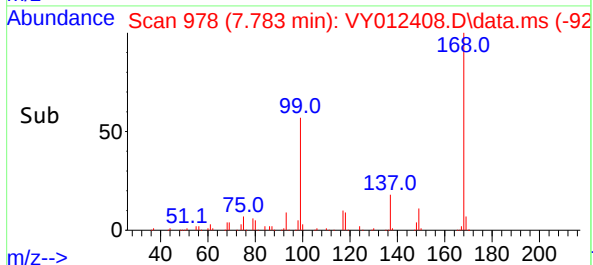
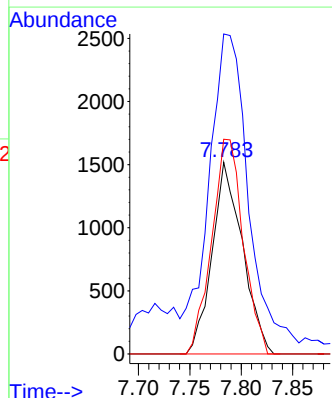
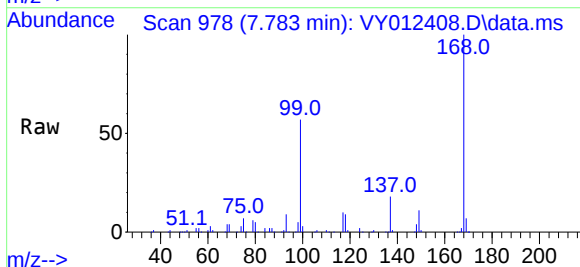
Tgt Ion: 56 Resp: 3121

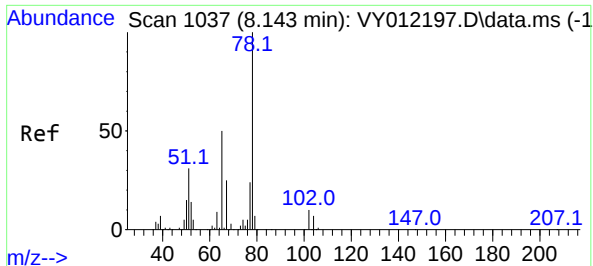
Ion Ratio Lower Upper

56 100

69 152.5 29.2 43.8#

84 112.0 72.6 108.8#





#33

1,2-Dichloroethane-d4

Concen: 75.058 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY012408.D

Acq: 30 Jan 2023 19:18

Instrument :

MSVOA_Y

ClientSampleId :

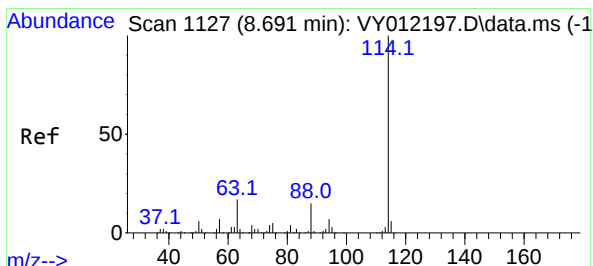
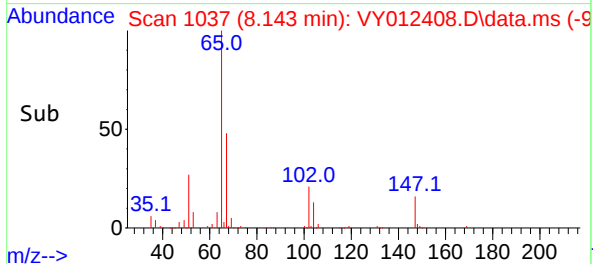
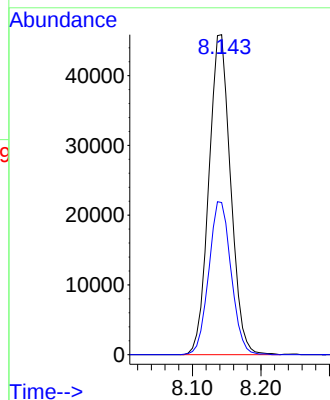
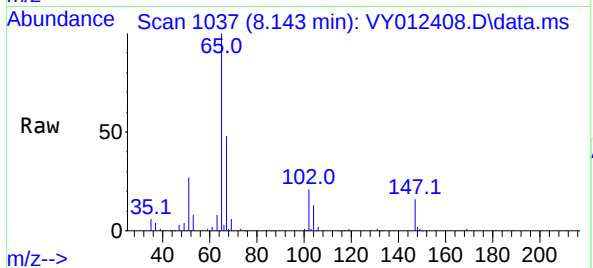
MH-11

Tgt Ion: 65 Resp: 101385

Ion Ratio Lower Upper

65 100

67 49.0 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: VY012408.D

Acq: 30 Jan 2023 19:18

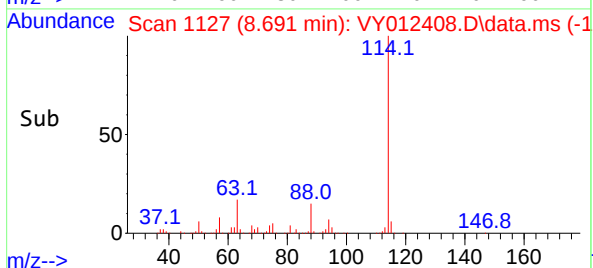
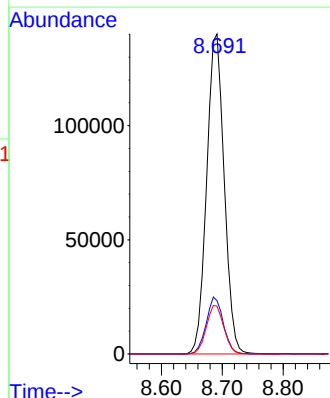
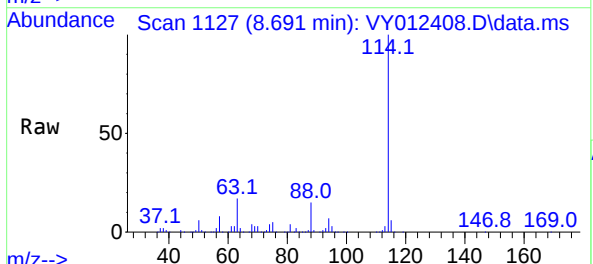
Tgt Ion: 114 Resp: 279939

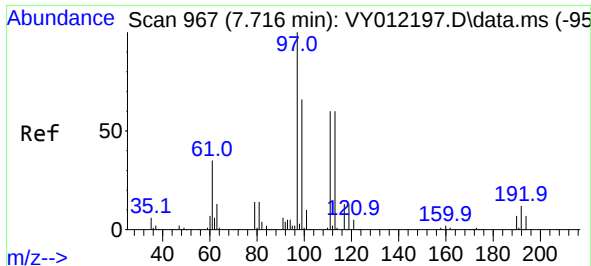
Ion Ratio Lower Upper

114 100

63 16.7 0.0 39.6

88 14.9 0.0 32.2

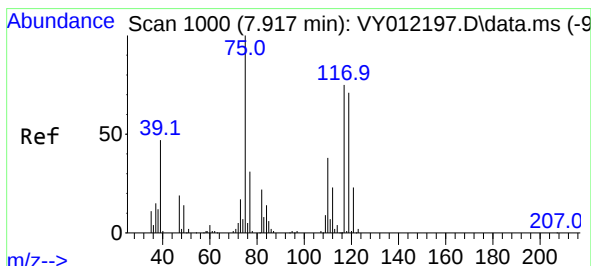
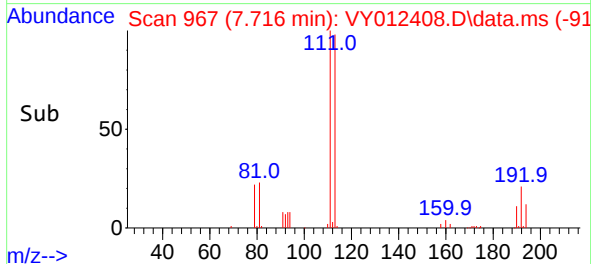
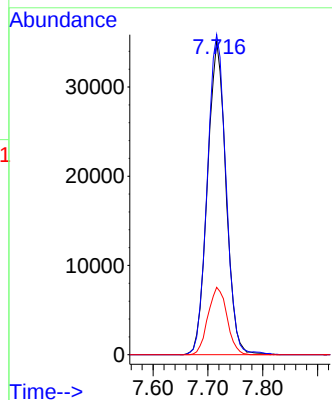
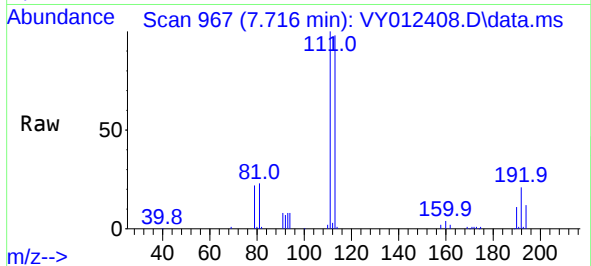




#35
Dibromofluoromethane
Concen: 55.434 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY012408.D
Acq: 30 Jan 2023 19:18

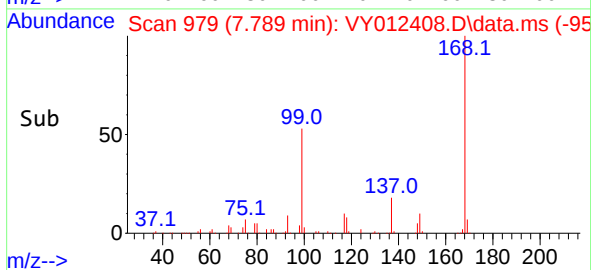
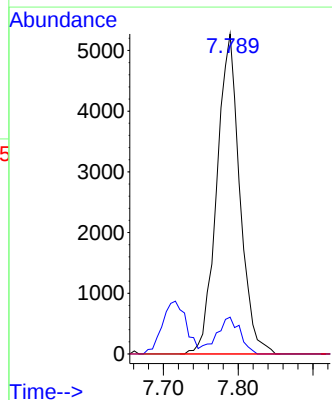
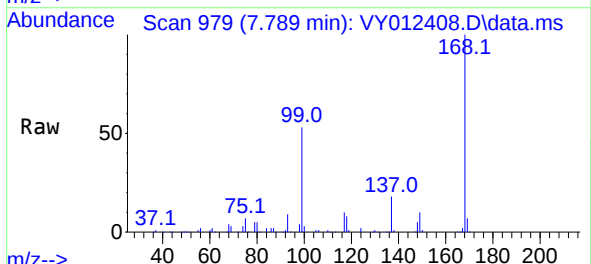
Instrument :
MSVOA_Y
ClientSampleId :
MH-11

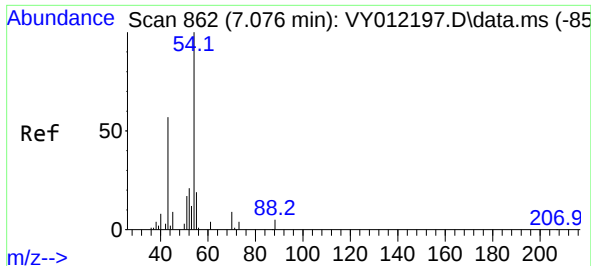
Tgt Ion:113 Resp: 82168
Ion Ratio Lower Upper
113 100
111 103.0 83.0 124.4
192 22.1 16.0 24.0



#36
1,1-Dichloropropene
Concen: 4.473 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY012408.D
Acq: 30 Jan 2023 19:18

Tgt Ion: 75 Resp: 11268
Ion Ratio Lower Upper
75 100
110 11.4 18.1 54.1#
77 0.0 25.1 37.7#





#37

Ethyl Acetate

Concen: 1.307 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.098 min

Lab File: VY012408.D

Acq: 30 Jan 2023 19:18

Instrument :

MSVOA_Y

ClientSampleId :

MH-11

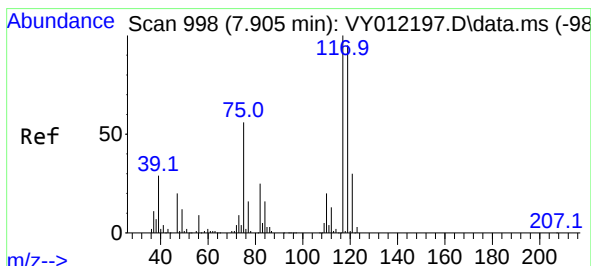
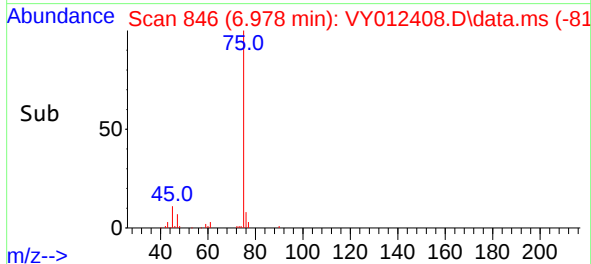
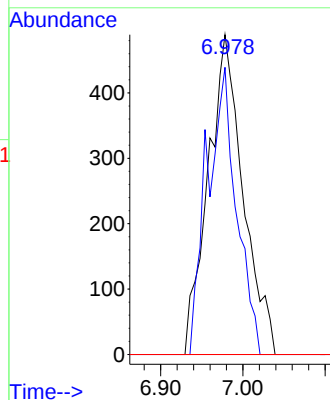
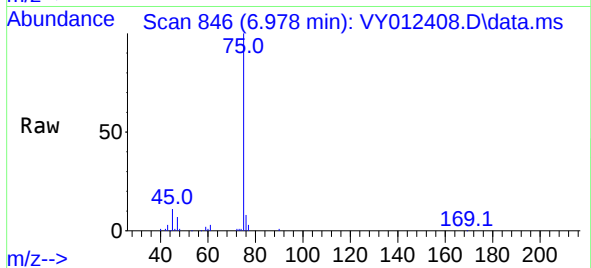
Tgt Ion: 43 Resp: 1451

Ion Ratio Lower Upper

43 100

61 75.3 11.3 16.9#

70 0.0 8.2 12.4#



#38

Carbon Tetrachloride

Concen: 5.217 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY012408.D

Acq: 30 Jan 2023 19:18

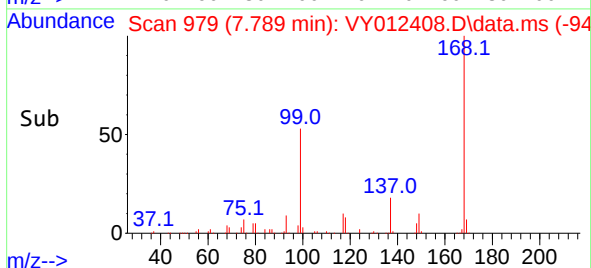
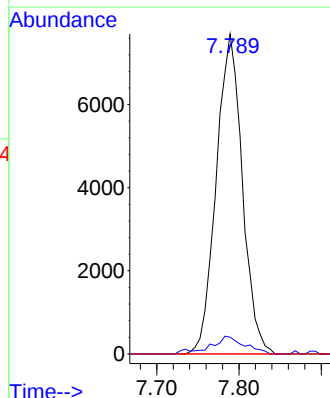
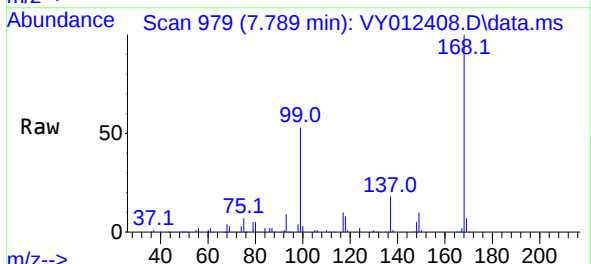
Tgt Ion: 117 Resp: 16975

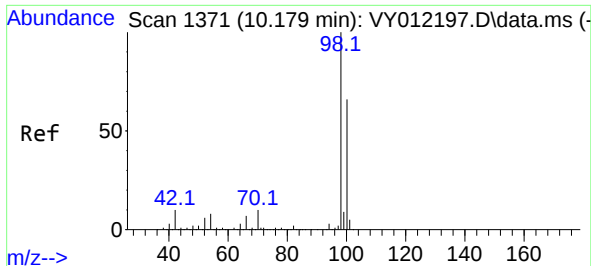
Ion Ratio Lower Upper

117 100

119 5.2 73.8 110.8#

121 0.0 25.2 37.8#

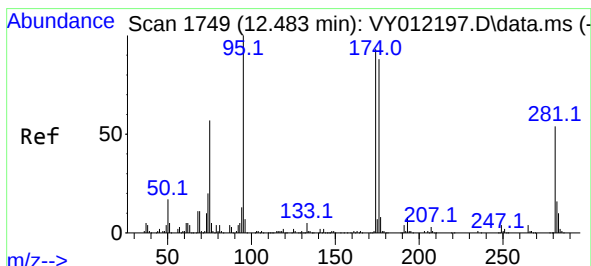
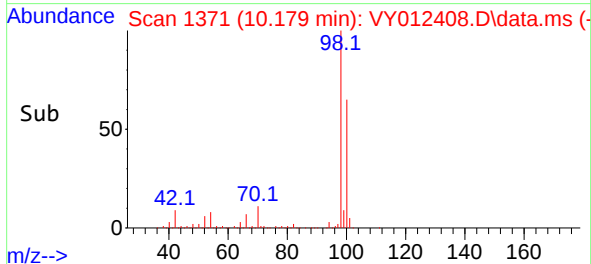
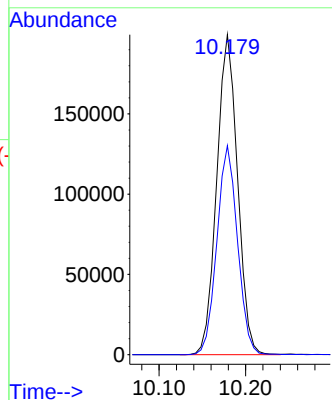
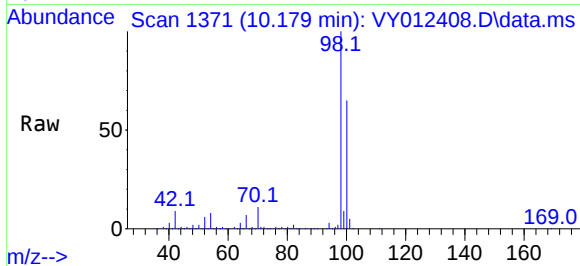




#50
Toluene-d8
Concen: 66.177 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012408.D
Acq: 30 Jan 2023 19:18

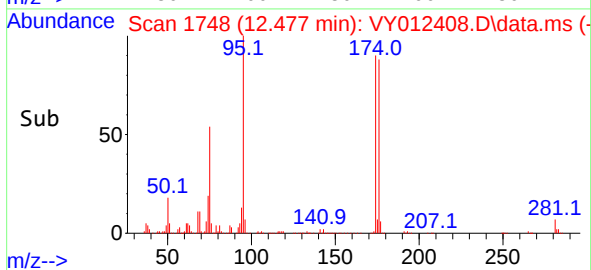
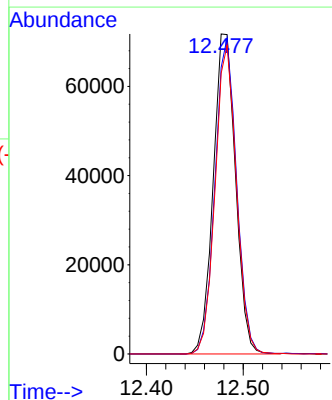
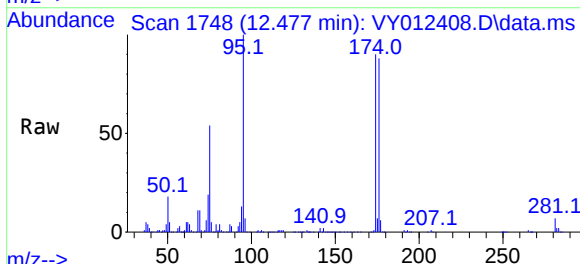
Instrument :
MSVOA_Y
ClientSampleId :
MH-11

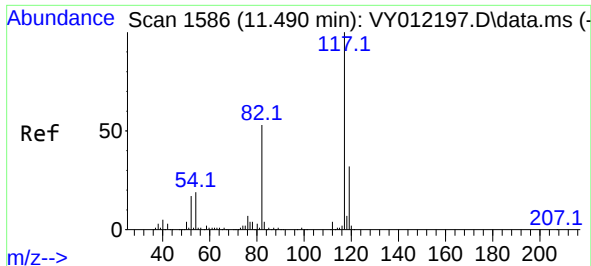
Tgt Ion: 98 Resp: 332676
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 54.964 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY012408.D
Acq: 30 Jan 2023 19:18

Tgt Ion: 95 Resp: 114850
Ion Ratio Lower Upper
95 100
174 95.3 0.0 172.0
176 92.2 0.0 167.6

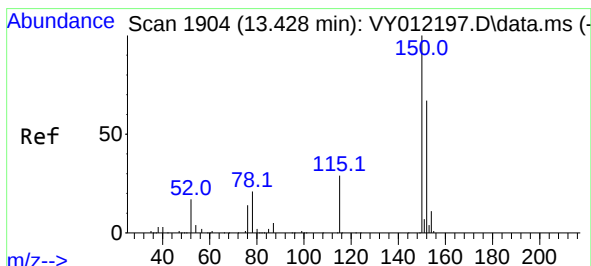
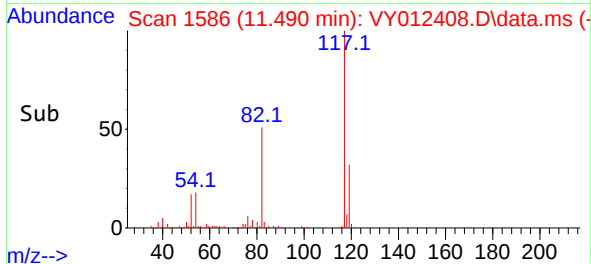
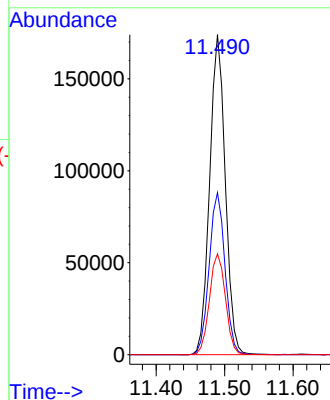
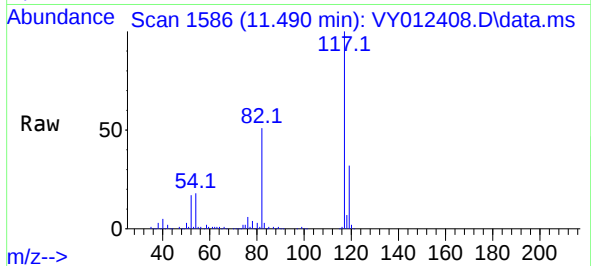




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY012408.D
Acq: 30 Jan 2023 19:18

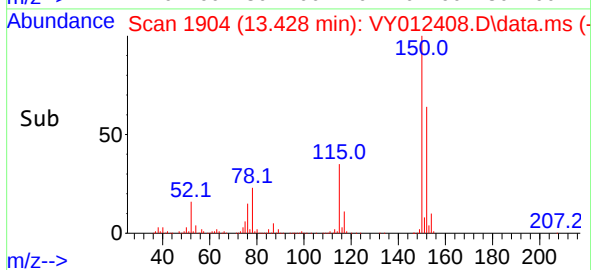
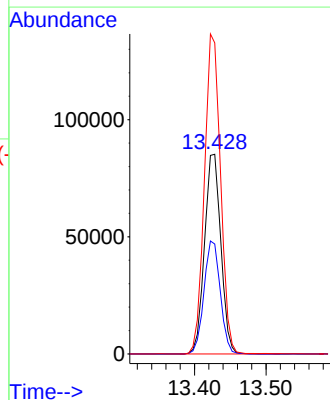
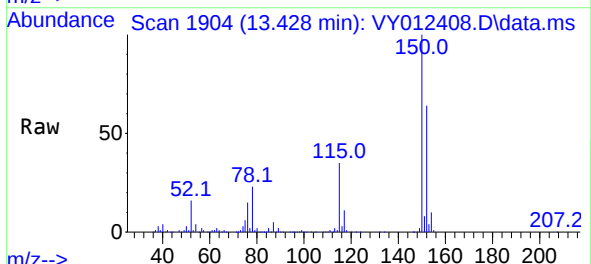
Instrument :
MSVOA_Y
ClientSampleId :
MH-11

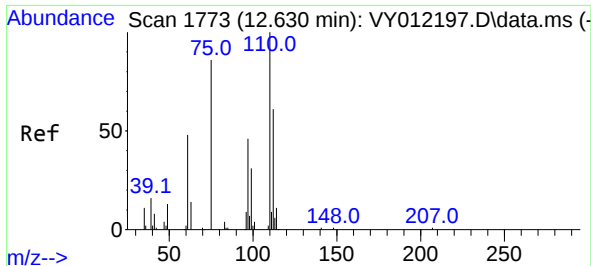
Tgt Ion:117 Resp: 276648
Ion Ratio Lower Upper
117 100
82 50.6 44.8 67.2
119 31.5 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012408.D
Acq: 30 Jan 2023 19:18

Tgt Ion:152 Resp: 135303
Ion Ratio Lower Upper
152 100
115 56.4 29.1 87.3
150 158.3 0.0 342.6

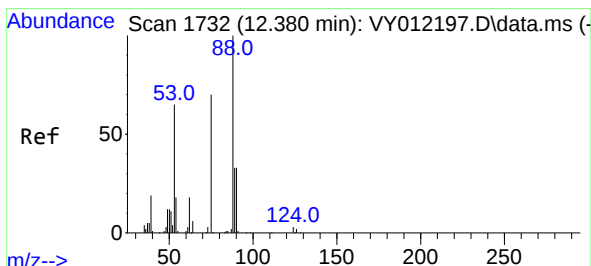
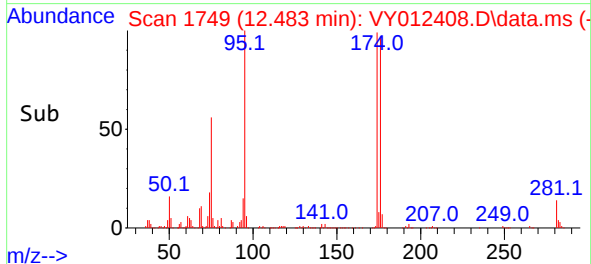
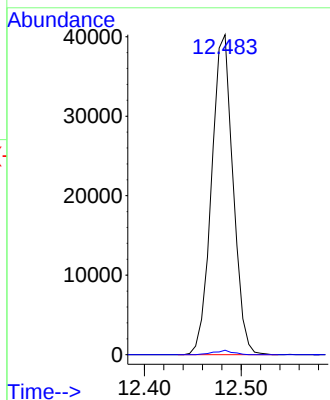
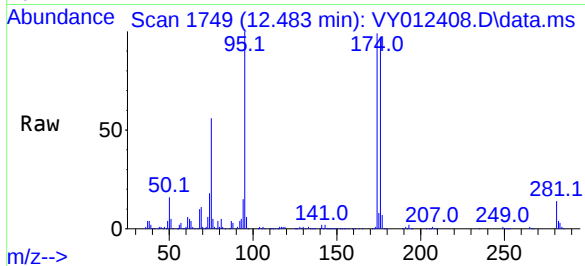




#76
1,2,3-Trichloropropane
Concen: 49.878 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY012408.D
Acq: 30 Jan 2023 19:18

Instrument :
MSVOA_Y
ClientSampleId :
MH-11

Tgt Ion: 75 Resp: 62056
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 102.770 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY012408.D
Acq: 30 Jan 2023 19:18

Tgt Ion: 75 Resp: 62056
Ion Ratio Lower Upper
75 100
53 0.1 72.5 108.7#
89 0.0 37.0 55.4#

