

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012023\
 Data File : VY012302.D
 Acq On : 20 Jan 2023 19:43
 Operator : KP/MD
 Sample : 01252-01
 Misc : 6.89g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-9

Quant Time: Jan 23 02:25:44 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)

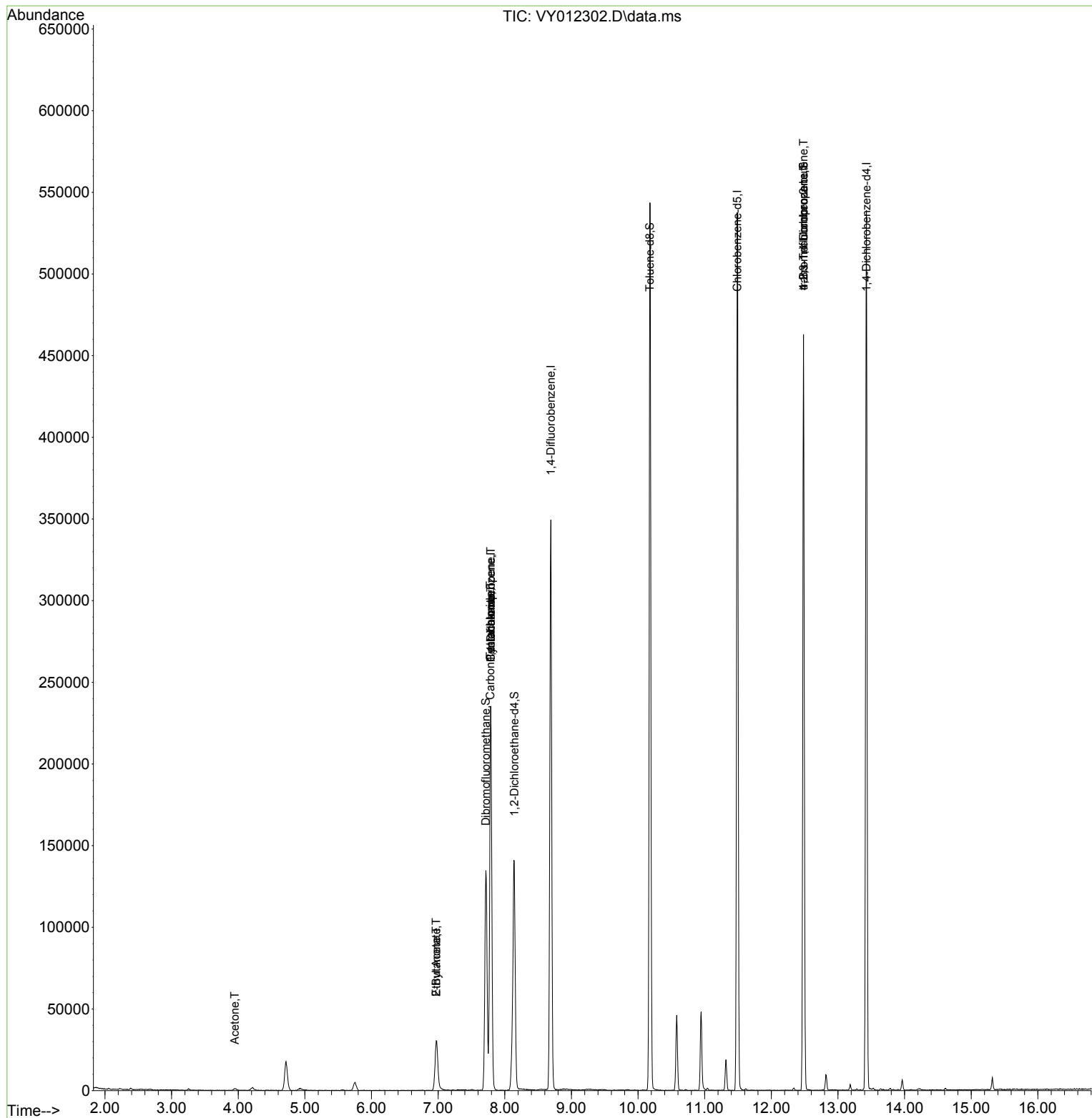
Internal Standards						
1) Pentafluorobenzene	7.789	168	187001	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	309974	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	307073	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	146237	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	111325	73.684	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 147.360%			
35) Dibromofluoromethane	7.716	113	92339	56.259	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.520%			
50) Toluene-d8	10.179	98	366624	65.841	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 131.680%			
62) 4-Bromofluorobenzene	12.483	95	125681	54.319	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 108.640%			
Target Compounds						
11) Tert butyl alcohol	4.930	59	1714	Below Cal	#	74
16) Acetone	3.948	43	2251	4.323	ug/l	98
20) Methylene Chloride	4.716	84	14129	Below Cal		86
25) 2-Butanone	6.972	43	1795	3.122	ug/l	# 68
31) Cyclohexane	7.789	56	3155	1.157	ug/l	# 1
36) 1,1-Dichloropropene	7.789	75	12682	4.546	ug/l	# 49
37) Ethyl Acetate	6.972	43	1795	1.460	ug/l	# 2
38) Carbon Tetrachloride	7.783	117	18131	5.033	ug/l	# 18
76) 1,2,3-Trichloropropane	12.483	75	66935	49.777	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	66935	102.562	ug/l	# 13

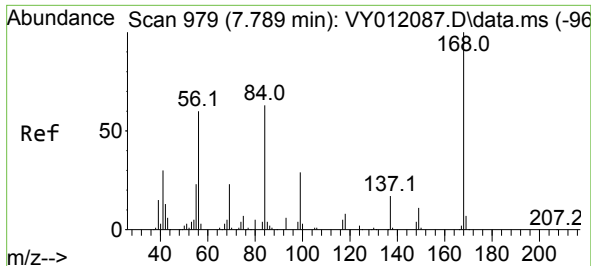
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012023\
Data File : VY012302.D
Acq On : 20 Jan 2023 19:43
Operator : KP/MD
Sample : 01252-01
Misc : 6.89g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MH-9

Quant Time: Jan 23 02:25:44 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

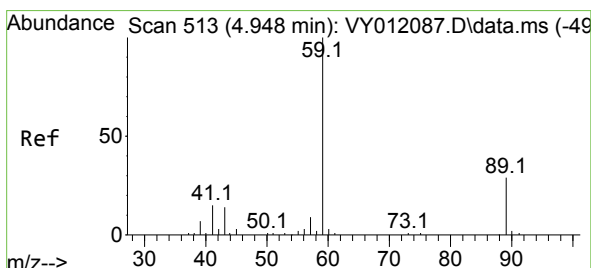
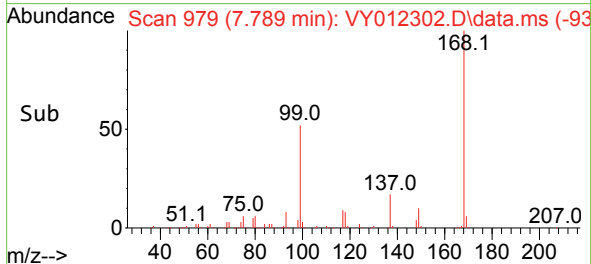
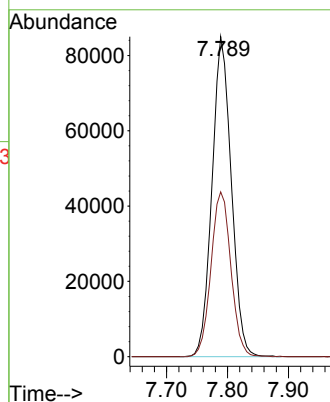
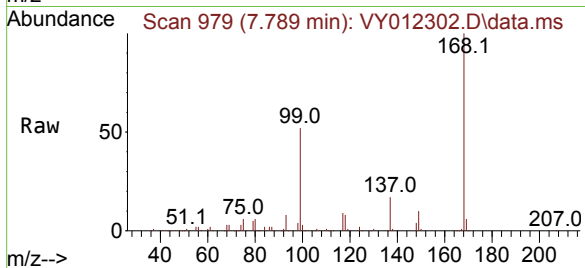




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012302.D
Acq: 20 Jan 2023 19:43

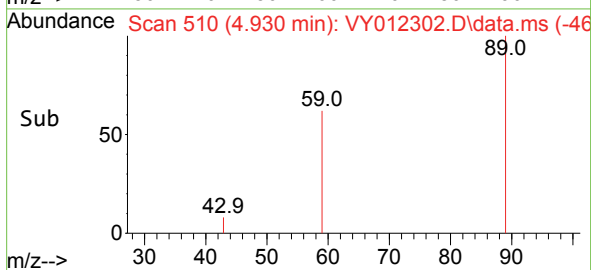
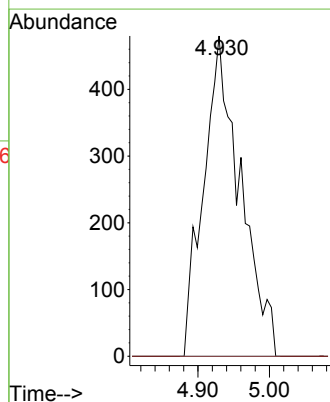
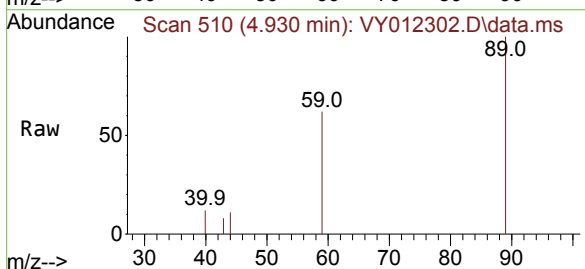
Instrument :
MSVOA_Y
ClientSampleId :
MH-9

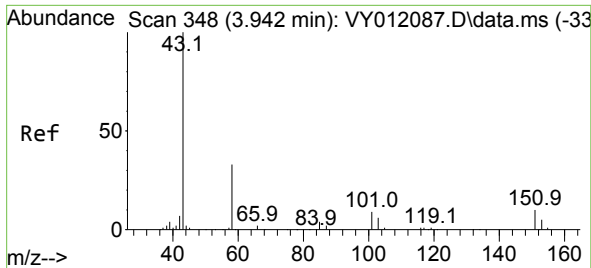
Tgt Ion:168 Resp: 187001
Ion Ratio Lower Upper
168 100
99 51.5 44.0 66.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.930 min Scan# 510
Delta R.T. -0.018 min
Lab File: VY012302.D
Acq: 20 Jan 2023 19:43

Tgt Ion: 59 Resp: 1714
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#





#16

Acetone

Concen: 4.323 ug/l

RT: 3.948 min Scan# 34

Delta R.T. 0.006 min

Lab File: VY012302.D

Acq: 20 Jan 2023 19:43

Instrument :

MSVOA_Y

ClientSampleId :

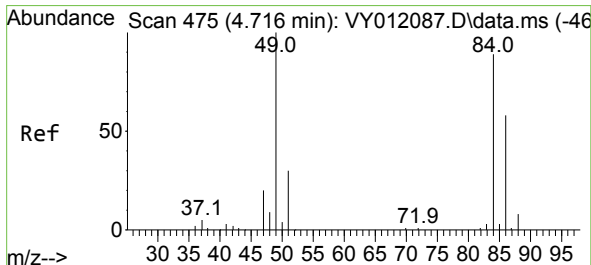
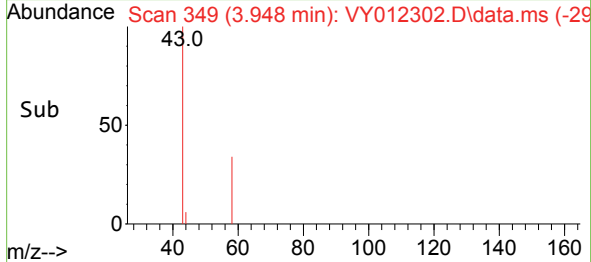
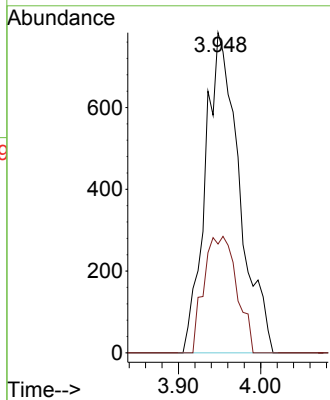
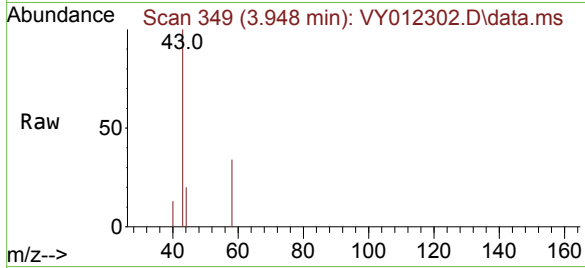
MH-9

Tgt Ion: 43 Resp: 2251

Ion Ratio Lower Upper

43 100

58 34.0 27.9 41.9



#20

Methylene Chloride

Concen: Below Cal

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY012302.D

Acq: 20 Jan 2023 19:43

Tgt Ion: 84 Resp: 14129

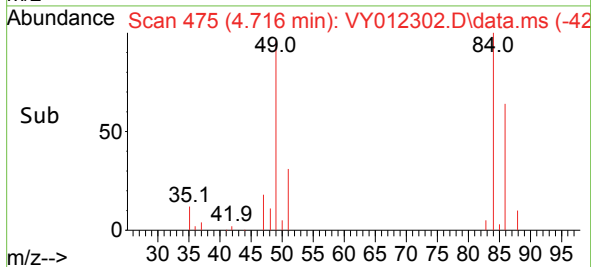
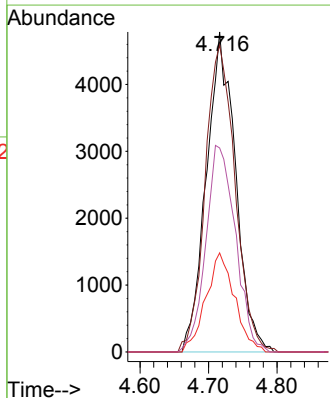
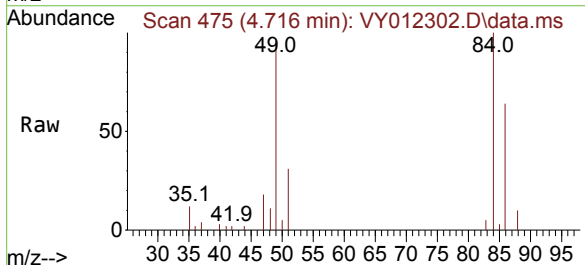
Ion Ratio Lower Upper

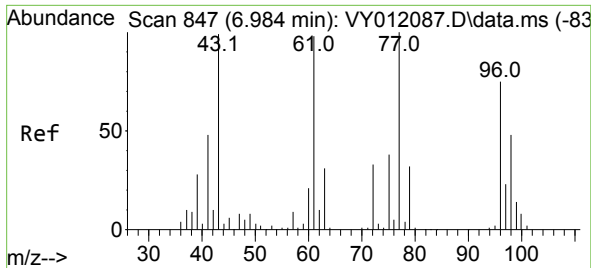
84 100

49 95.9 95.4 143.2

51 30.9 29.9 44.9

86 63.8 49.6 74.4

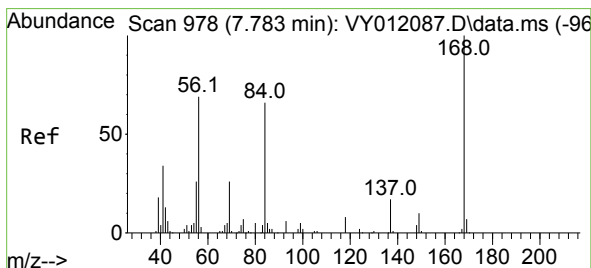
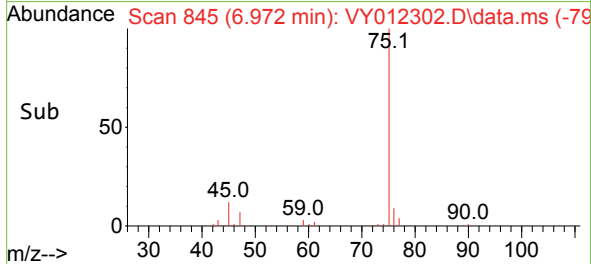
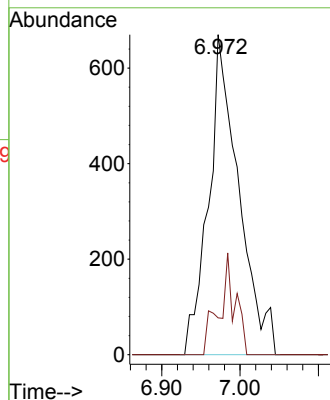
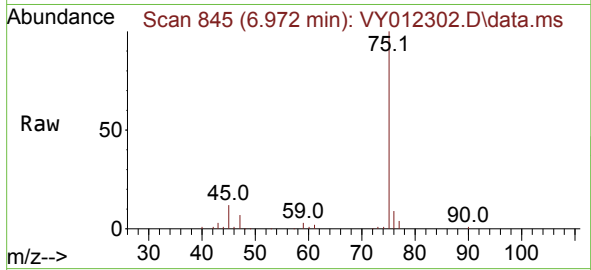




#25
2-Butanone
Concen: 3.122 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.012 min
Lab File: VY012302.D
Acq: 20 Jan 2023 19:43

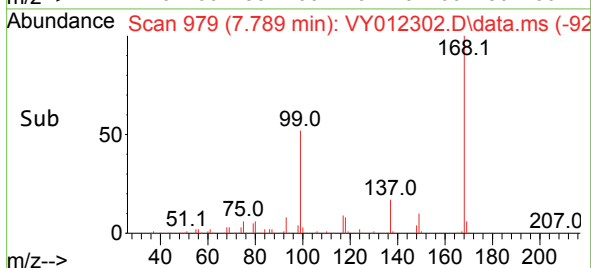
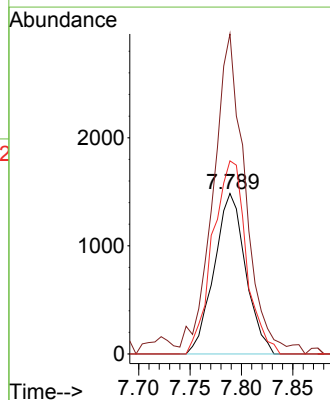
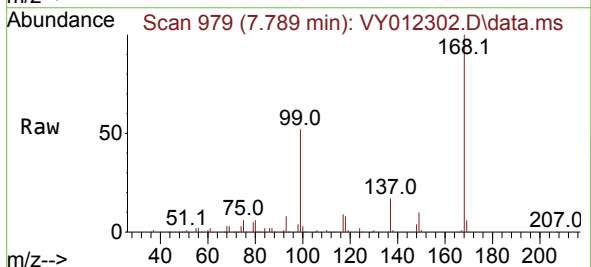
Instrument :
MSVOA_Y
ClientSampleId :
MH-9

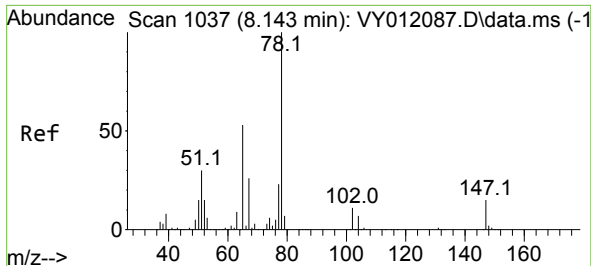
Tgt Ion: 43 Resp: 1795
Ion Ratio Lower Upper
43 100
72 11.5 22.6 34.0#



#31
Cyclohexane
Concen: 1.157 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY012302.D
Acq: 20 Jan 2023 19:43

Tgt Ion: 56 Resp: 3155
Ion Ratio Lower Upper
56 100
69 195.2 29.2 43.8#
84 120.4 72.6 108.8#

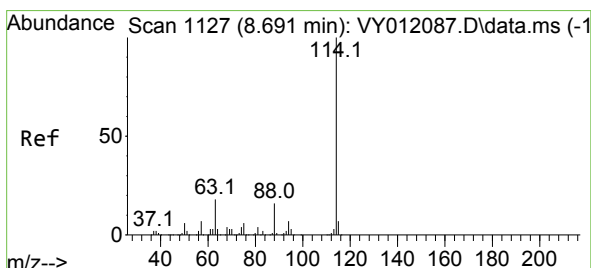
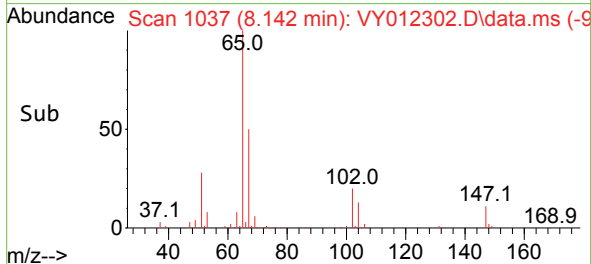
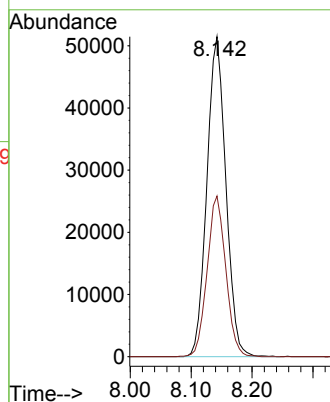
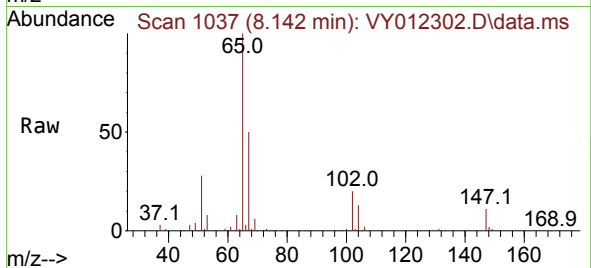




#33
 1,2-Dichloroethane-d4
 Concen: 73.684 ug/l
 RT: 8.142 min Scan# 1103
 Delta R.T. -0.001 min
 Lab File: VY012302.D
 Acq: 20 Jan 2023 19:43

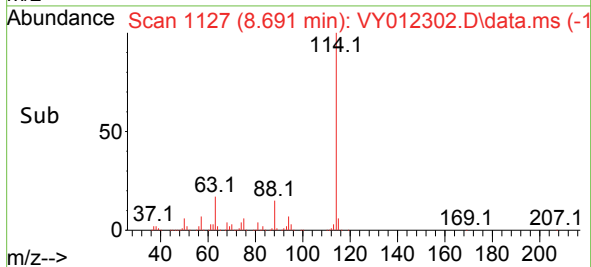
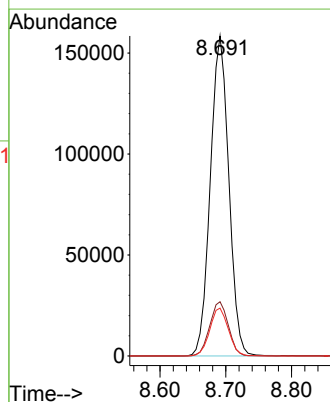
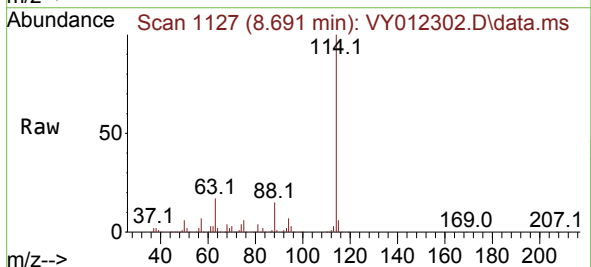
Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-9

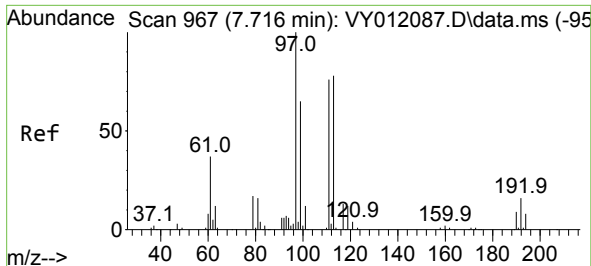
Tgt Ion: 65 Resp: 111325
 Ion Ratio Lower Upper
 65 100
 67 49.4 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY012302.D
 Acq: 20 Jan 2023 19:43

Tgt Ion:114 Resp: 309974
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 39.6
 88 15.0 0.0 32.2

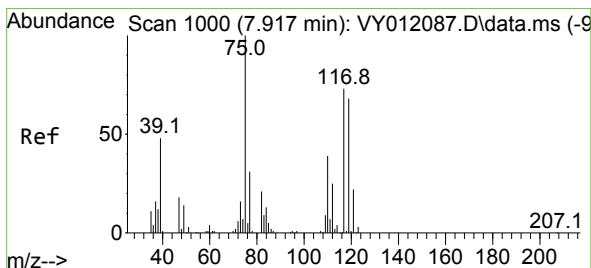
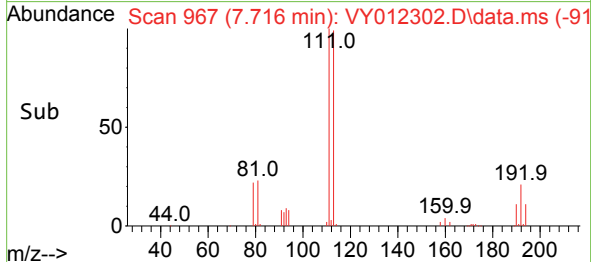
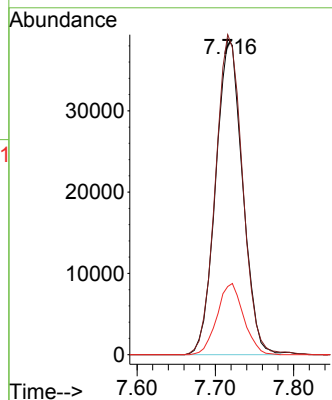
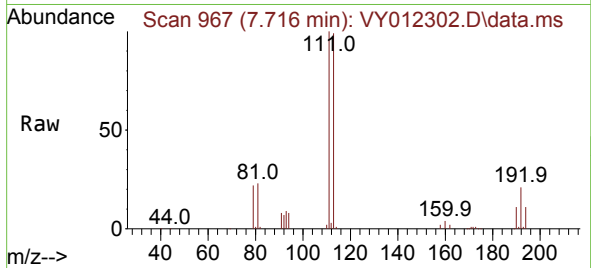




#35
 Dibromofluoromethane
 Concen: 56.259 ug/l
 RT: 7.716 min Scan# 911
 Delta R.T. -0.000 min
 Lab File: VY012302.D
 Acq: 20 Jan 2023 19:43

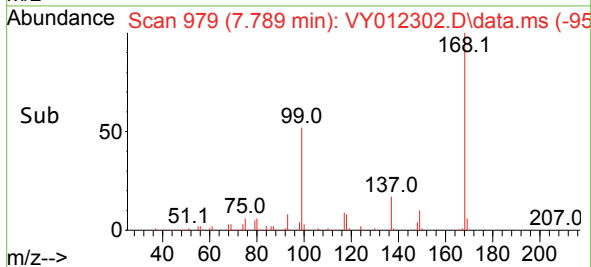
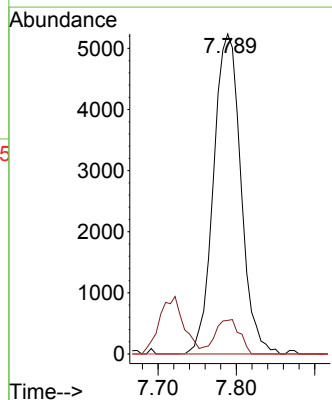
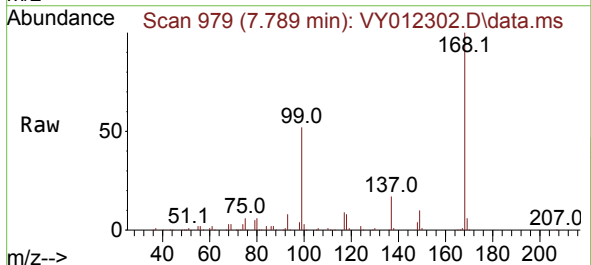
Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-9

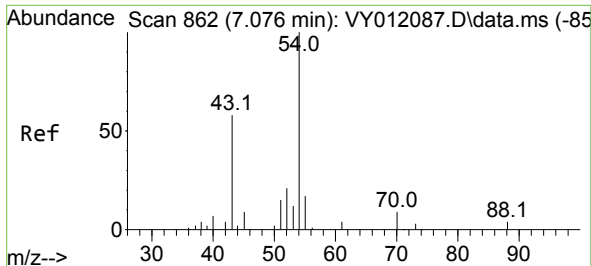
Tgt Ion:113 Resp: 92339
 Ion Ratio Lower Upper
 113 100
 111 102.3 83.0 124.4
 192 22.3 16.0 24.0



#36
 1,1-Dichloropropene
 Concen: 4.546 ug/l
 RT: 7.789 min Scan# 979
 Delta R.T. -0.128 min
 Lab File: VY012302.D
 Acq: 20 Jan 2023 19:43

Tgt Ion: 75 Resp: 12682
 Ion Ratio Lower Upper
 75 100
 110 9.5 18.1 54.1#
 77 0.0 25.1 37.7#





#37

Ethyl Acetate

Concen: 1.460 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.104 min

Lab File: VY012302.D

Acq: 20 Jan 2023 19:43

Instrument :

MSVOA_Y

ClientSampleId :

MH-9

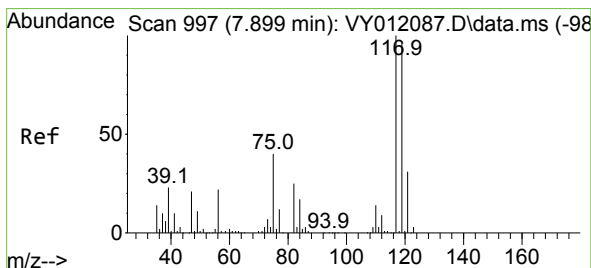
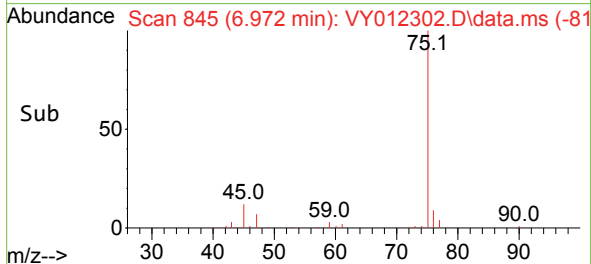
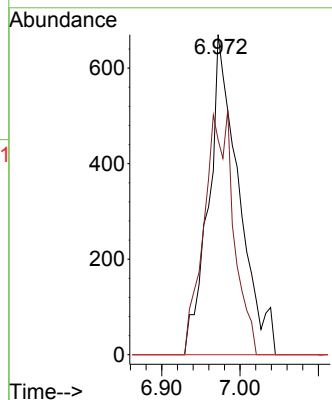
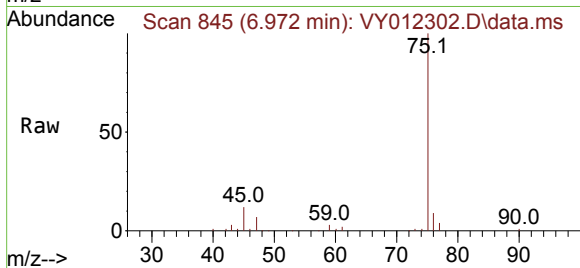
Tgt Ion: 43 Resp: 1795

Ion Ratio Lower Upper

43 100

61 74.7 11.3 16.9#

70 0.0 8.2 12.4#



#38

Carbon Tetrachloride

Concen: 5.033 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY012302.D

Acq: 20 Jan 2023 19:43

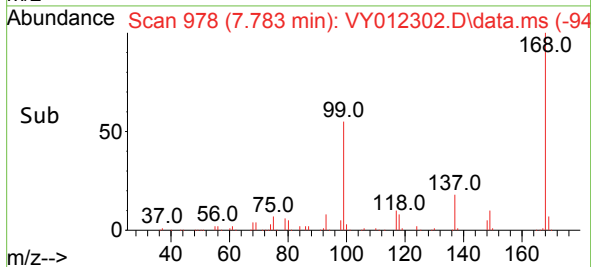
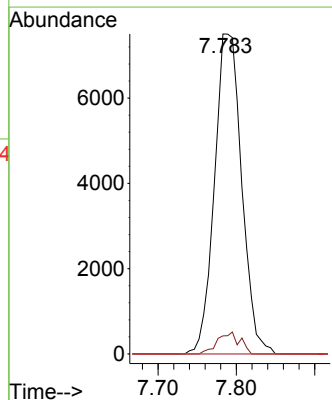
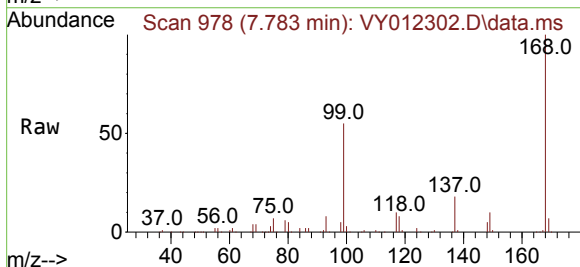
Tgt Ion: 117 Resp: 18131

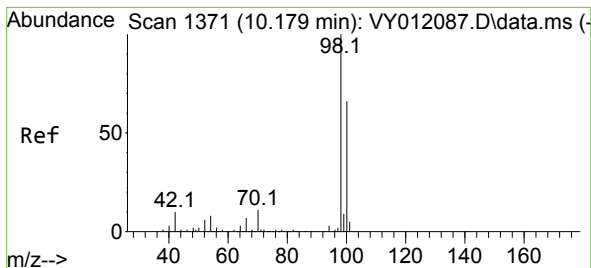
Ion Ratio Lower Upper

117 100

119 5.7 73.8 110.8#

121 0.0 25.2 37.8#





#50

Toluene-d8

Concen: 65.841 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012302.D

Acq: 20 Jan 2023 19:43

Instrument :

MSVOA_Y

ClientSampleId :

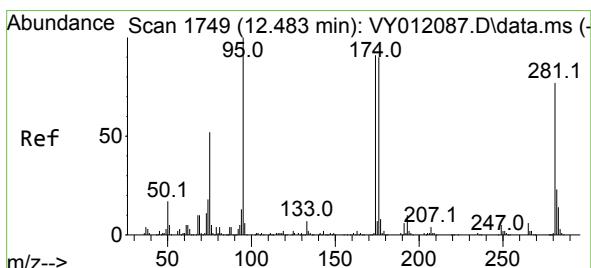
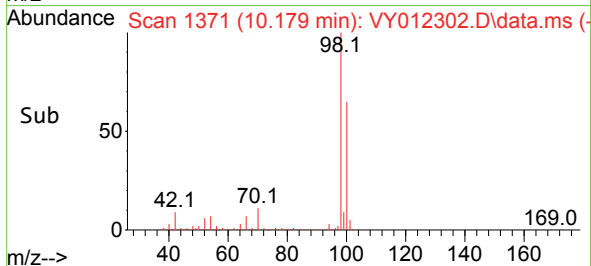
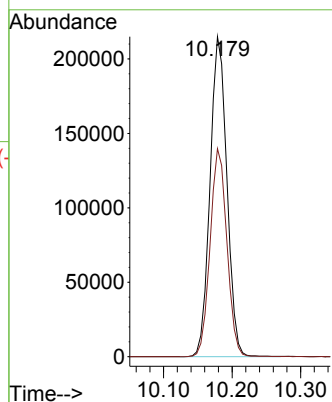
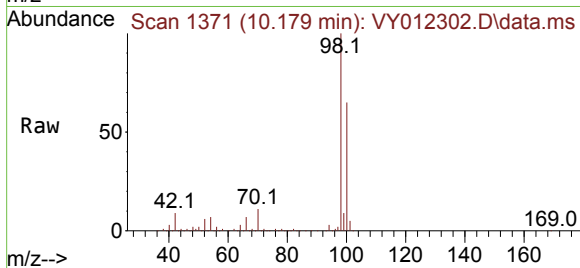
MH-9

Tgt Ion: 98 Resp: 366624

Ion Ratio Lower Upper

98 100

100 64.7 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 54.319 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY012302.D

Acq: 20 Jan 2023 19:43

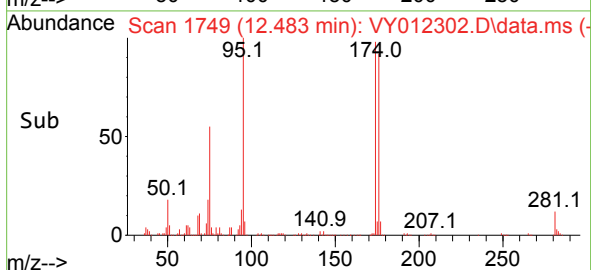
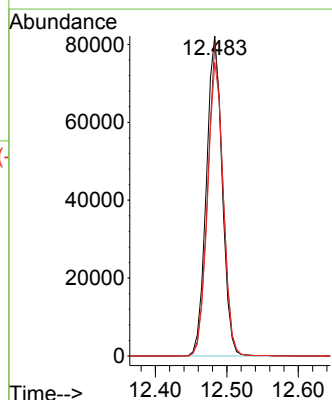
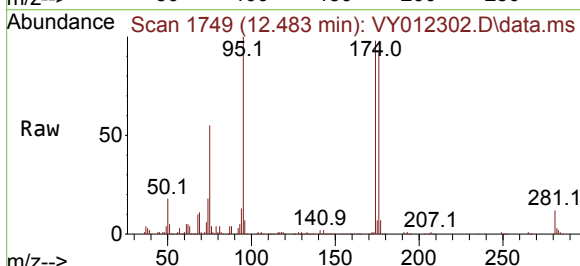
Tgt Ion: 95 Resp: 125681

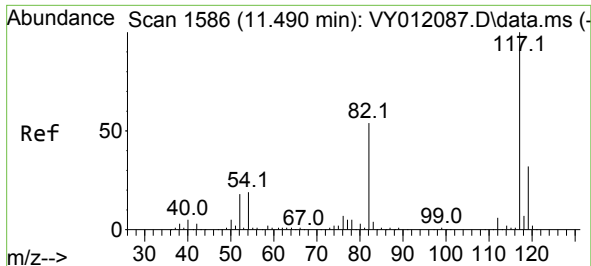
Ion Ratio Lower Upper

95 100

174 94.7 0.0 172.0

176 91.5 0.0 167.6

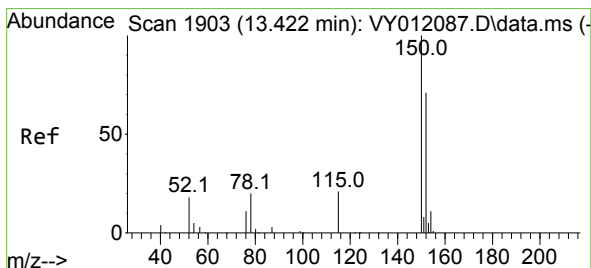
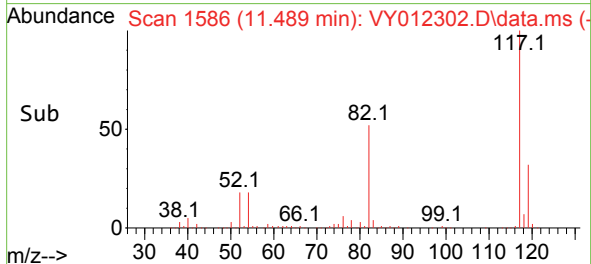
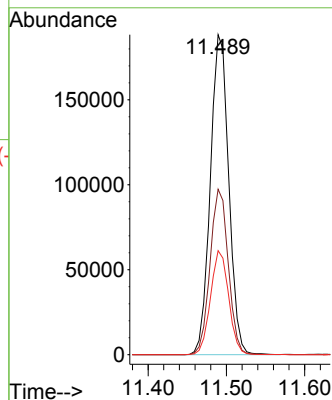
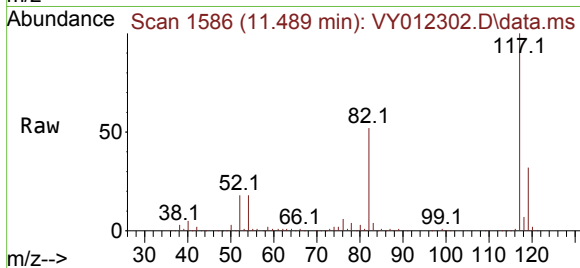




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012302.D
Acq: 20 Jan 2023 19:43

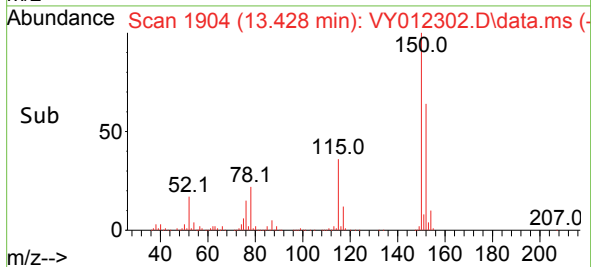
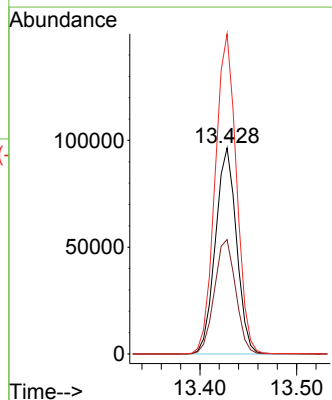
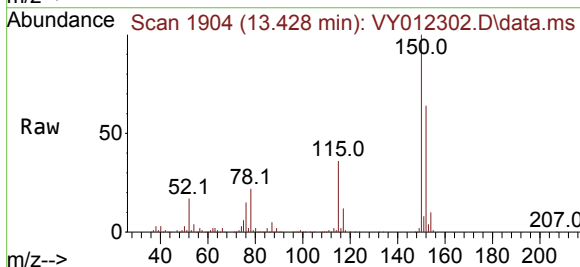
Instrument :
MSVOA_Y
ClientSampleId :
MH-9

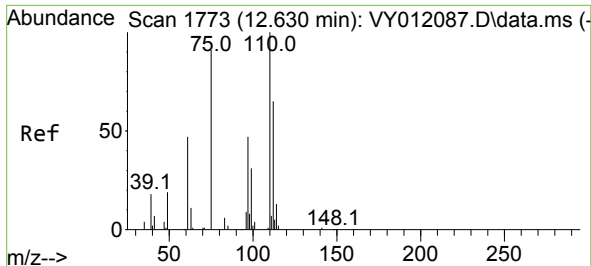
Tgt Ion:117 Resp: 307073
Ion Ratio Lower Upper
117 100
82 51.7 44.8 67.2
119 32.5 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012302.D
Acq: 20 Jan 2023 19:43

Tgt Ion:152 Resp: 146237
Ion Ratio Lower Upper
152 100
115 56.4 29.1 87.3
150 156.7 0.0 342.6

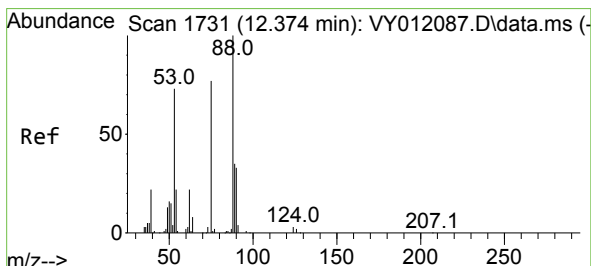
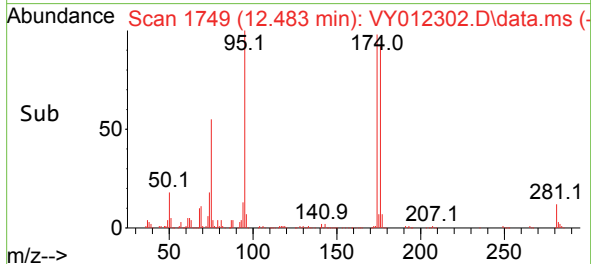
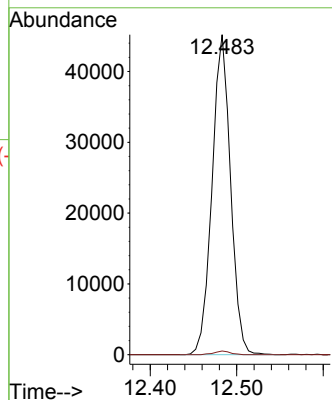
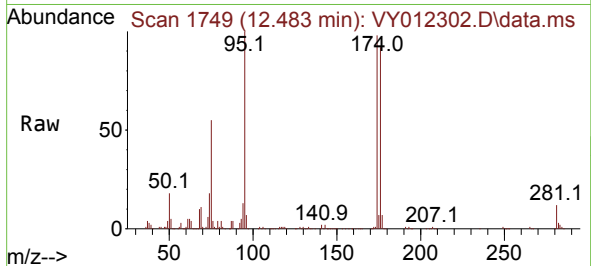




#76
 1,2,3-Trichloropropane
 Concen: 49.777 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY012302.D
 Acq: 20 Jan 2023 19:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-9

Tgt Ion: 75 Resp: 66935
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 102.562 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.109 min
 Lab File: VY012302.D
 Acq: 20 Jan 2023 19:43

Tgt Ion: 75 Resp: 66935
 Ion Ratio Lower Upper
 75 100
 53 0.2 72.5 108.7#
 89 0.0 37.0 55.4#

