

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020323\
 Data File : VY012481.D
 Acq On : 03 Feb 2023 16:47
 Operator : KP/MD
 Sample : 01414-04
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 04 00:11:51 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)

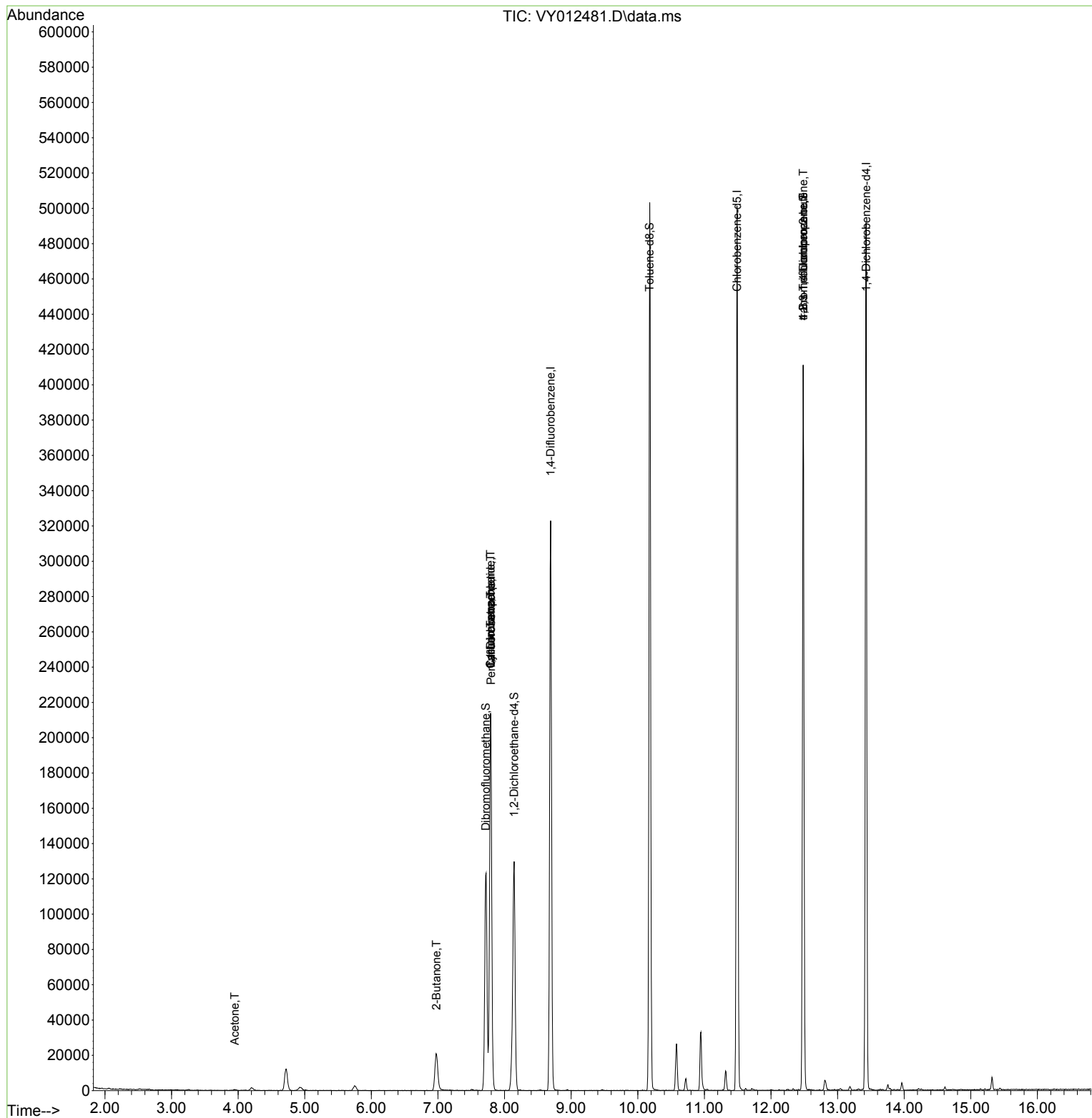
Internal Standards						
1) Pentafluorobenzene	7.795	168	169212	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	286309	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	282042	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	131947	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	99774	72.940	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 145.880%	
35) Dibromofluoromethane	7.716	113	85256	56.237	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.480%	
50) Toluene-d8	10.179	98	337801	65.668	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 131.340%	
62) 4-Bromofluorobenzene	12.483	95	115393	53.995	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.980%	
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	899	1.908	ug/l #	78
20) Methylene Chloride	4.723	84	10019	Below Cal	#	87
25) 2-Butanone	6.978	43	1026	1.972	ug/l #	46
31) Cyclohexane	7.789	56	2895	1.173	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	11502	4.464	ug/l #	50
38) Carbon Tetrachloride	7.789	117	16506	4.960	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	61309	50.531	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	61309	104.116	ug/l #	13

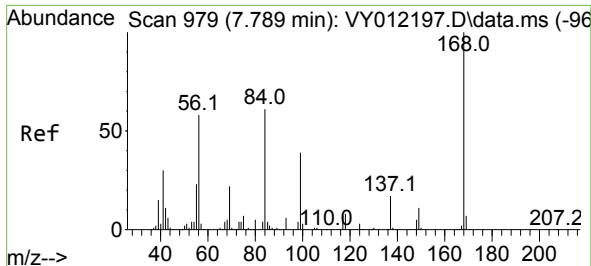
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020323\
Data File : VY012481.D
Acq On : 03 Feb 2023 16:47
Operator : KP/MD
Sample : 01414-04
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Feb 04 00:11:51 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

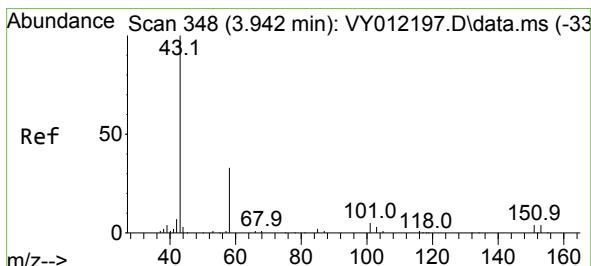
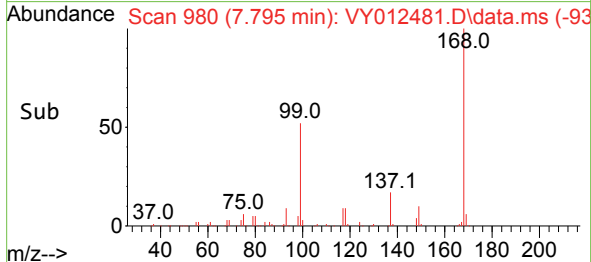
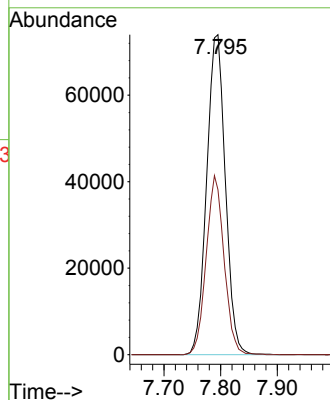
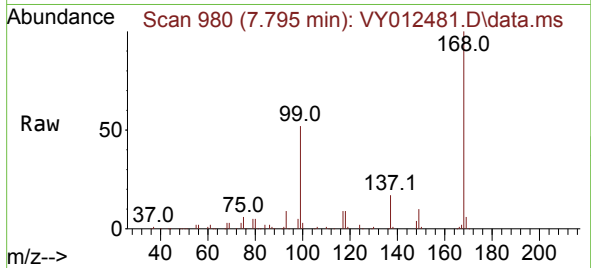




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012481.D
Acq: 03 Feb 2023 16:47

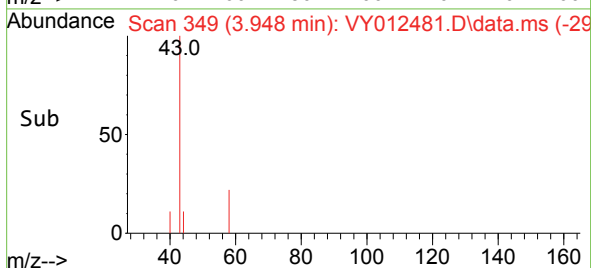
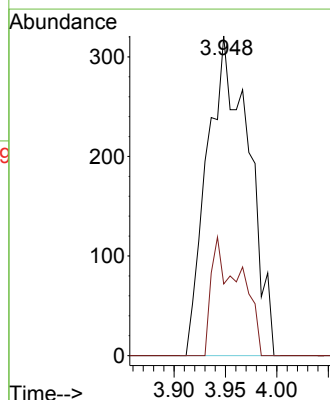
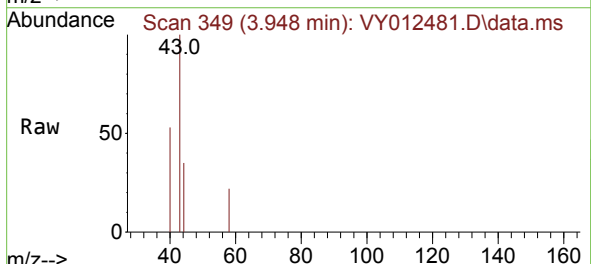
Instrument :
MSVOA_Y
ClientSampleId :

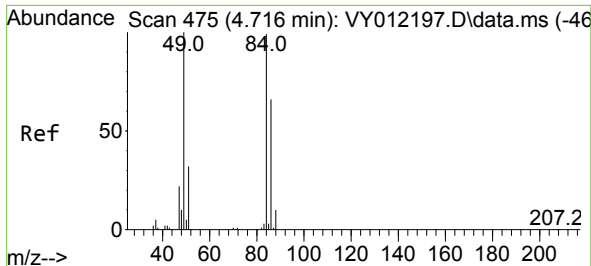
Tgt Ion:168 Resp: 169212
Ion Ratio Lower Upper
168 100
99 51.5 44.0 66.0



#16
Acetone
Concen: 1.908 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY012481.D
Acq: 03 Feb 2023 16:47

Tgt Ion: 43 Resp: 899
Ion Ratio Lower Upper
43 100
58 22.4 27.9 41.9#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.723 min Scan# 41

Delta R.T. 0.007 min

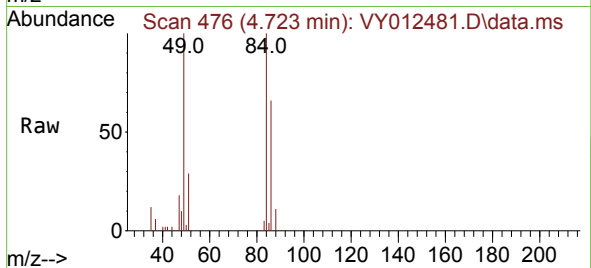
Lab File: VY012481.D

Acq: 03 Feb 2023 16:47

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 10019

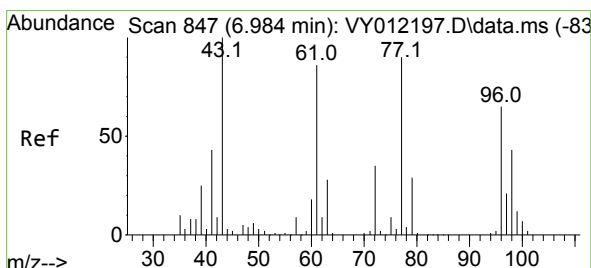
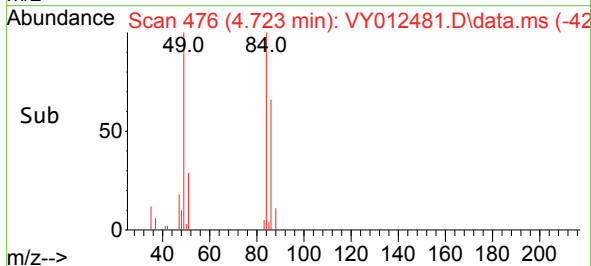
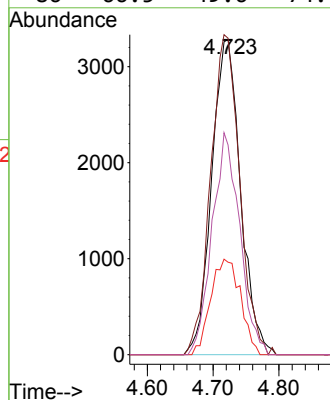
Ion Ratio Lower Upper

84 100

49 100.4 95.4 143.2

51 29.4 29.9 44.9#

86 66.5 49.6 74.4



#25

2-Butanone

Concen: 1.972 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY012481.D

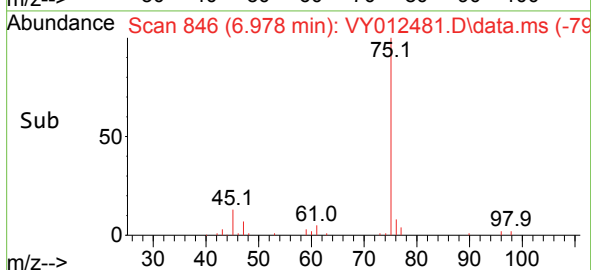
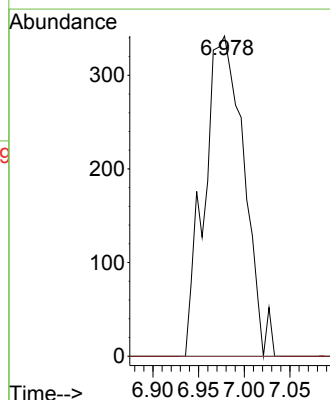
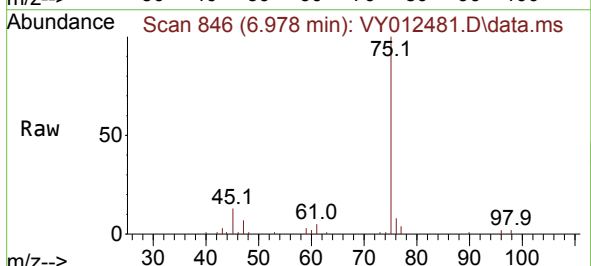
Acq: 03 Feb 2023 16:47

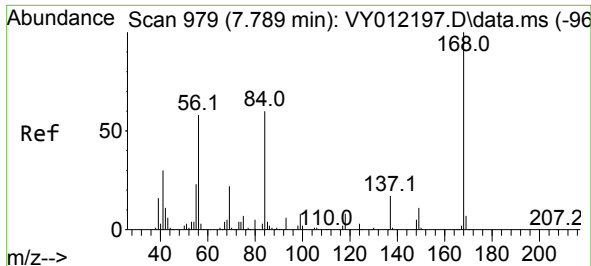
Tgt Ion: 43 Resp: 1026

Ion Ratio Lower Upper

43 100

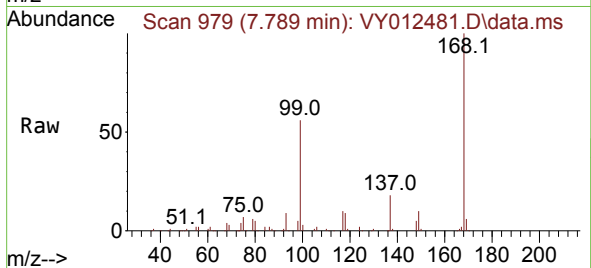
72 0.0 22.6 34.0#



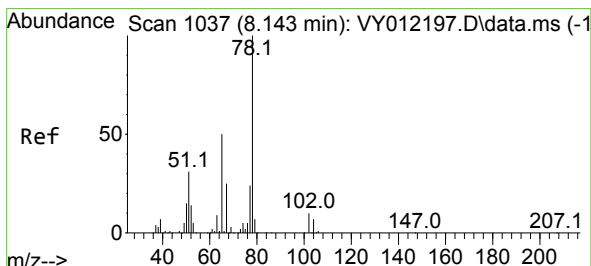
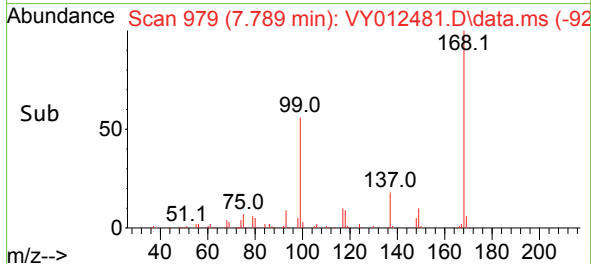
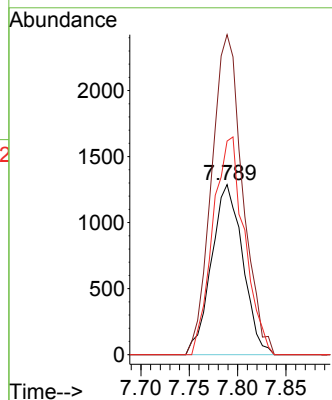


#31
Cyclohexane
Concen: 1.173 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012481.D
Acq: 03 Feb 2023 16:47

Instrument :
MSVOA_Y
ClientSampleId :

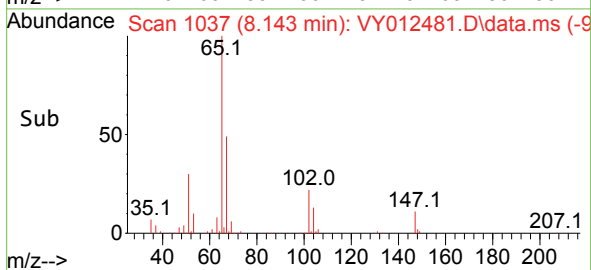
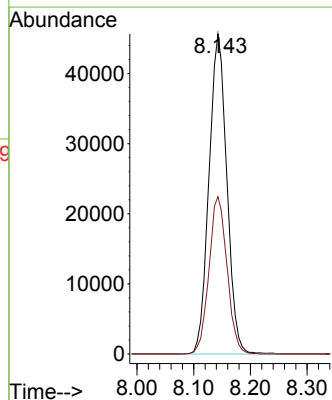
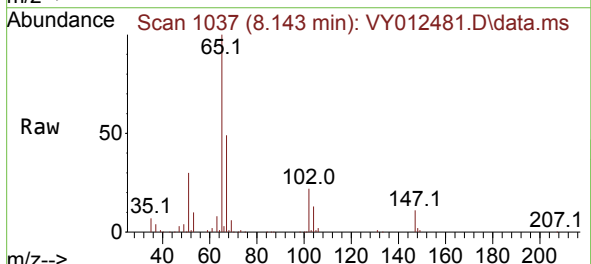


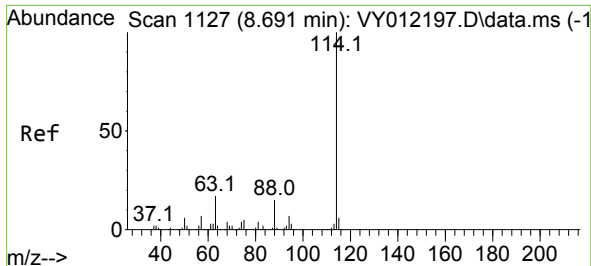
Tgt Ion: 56 Resp: 2895
Ion Ratio Lower Upper
56 100
69 188.1 29.2 43.8#
84 125.5 72.6 108.8#



#33
1,2-Dichloroethane-d4
Concen: 72.940 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012481.D
Acq: 03 Feb 2023 16:47

Tgt Ion: 65 Resp: 99774
Ion Ratio Lower Upper
65 100
67 49.8 0.0 103.2

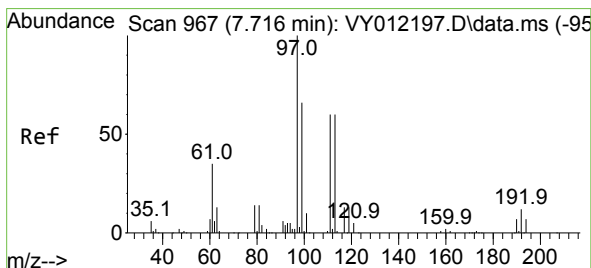
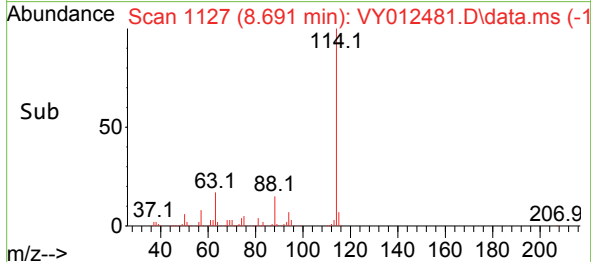
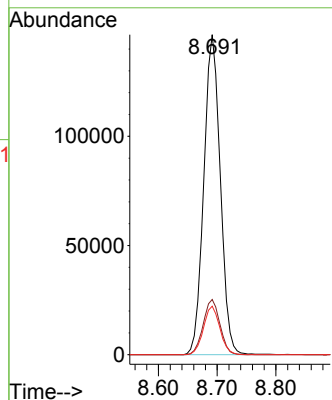
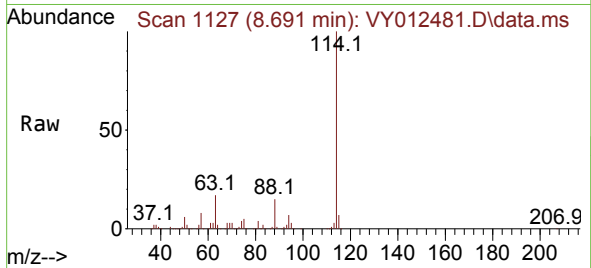




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY012481.D
 Acq: 03 Feb 2023 16:47

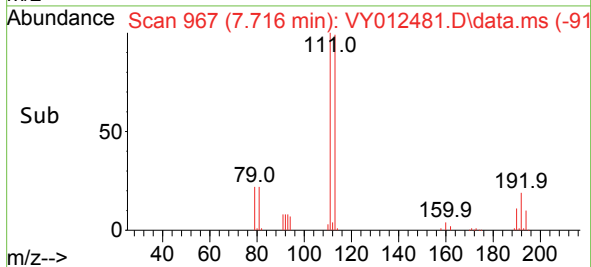
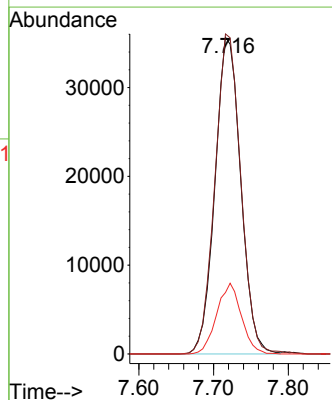
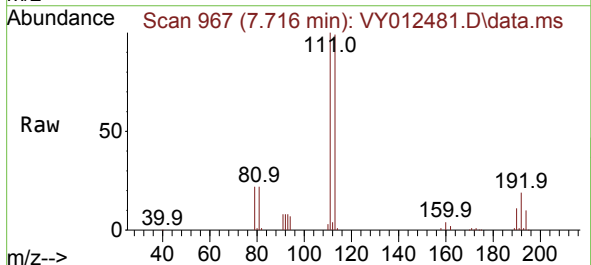
Instrument :
 MSVOA_Y
 ClientSampleId :

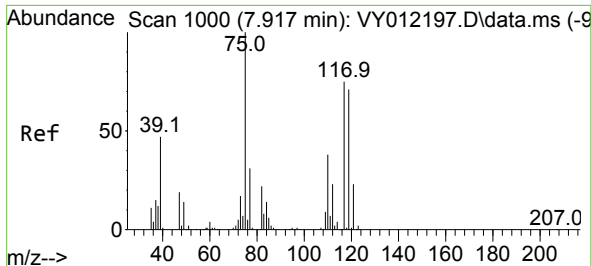
Tgt Ion:114 Resp: 286309
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 39.6
 88 15.1 0.0 32.2



#35
 Dibromofluoromethane
 Concen: 56.237 ug/l
 RT: 7.716 min Scan# 967
 Delta R.T. -0.000 min
 Lab File: VY012481.D
 Acq: 03 Feb 2023 16:47

Tgt Ion:113 Resp: 85256
 Ion Ratio Lower Upper
 113 100
 111 101.7 83.0 124.4
 192 21.5 16.0 24.0

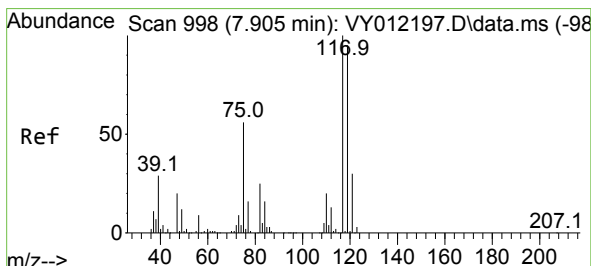
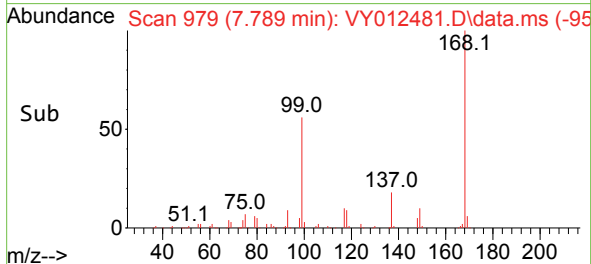
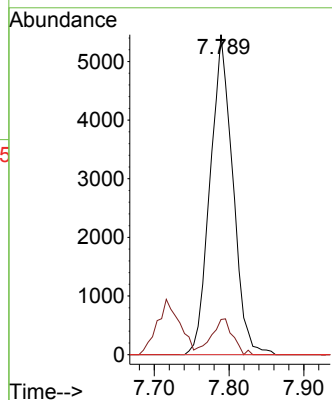
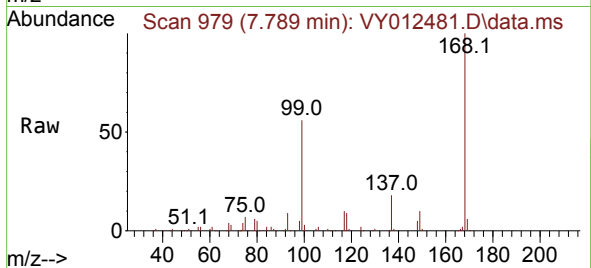




#36
1,1-Dichloropropene
Concen: 4.464 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY012481.D
Acq: 03 Feb 2023 16:47

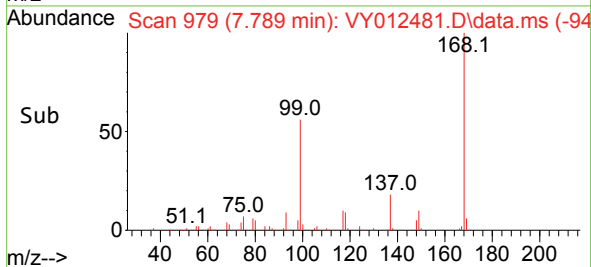
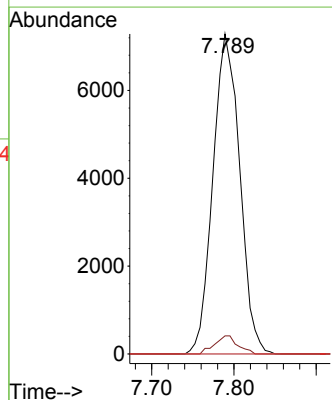
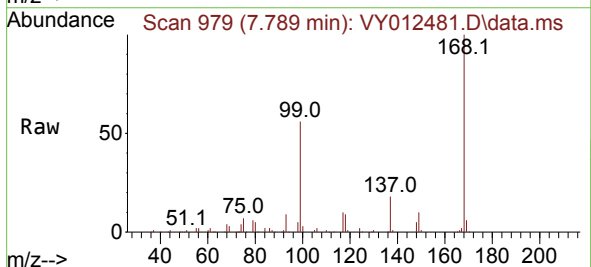
Instrument :
MSVOA_Y
ClientSampleId :

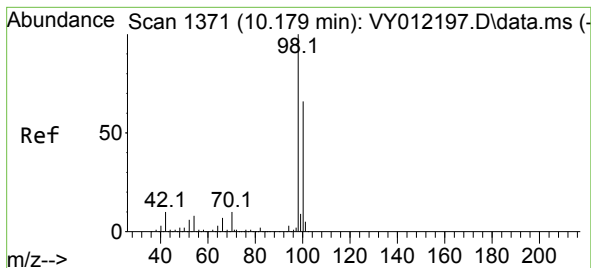
Tgt Ion: 75 Resp: 11502
Ion Ratio Lower Upper
75 100
110 10.3 18.1 54.1#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 4.960 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY012481.D
Acq: 03 Feb 2023 16:47

Tgt Ion: 117 Resp: 16506
Ion Ratio Lower Upper
117 100
119 5.6 73.8 110.8#
121 0.0 25.2 37.8#

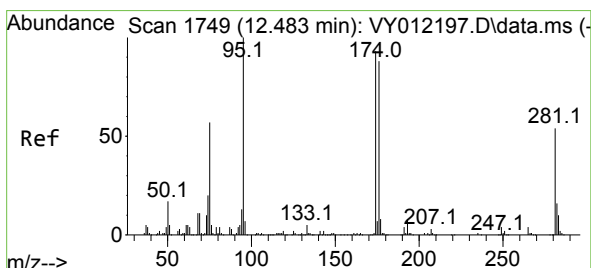
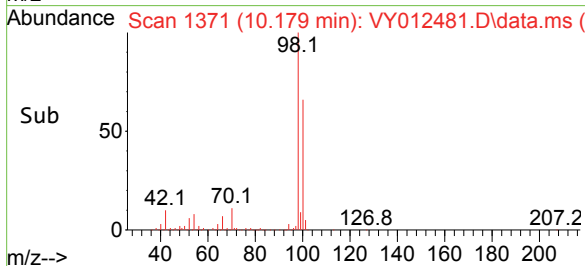
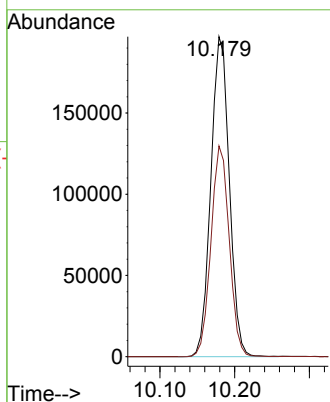
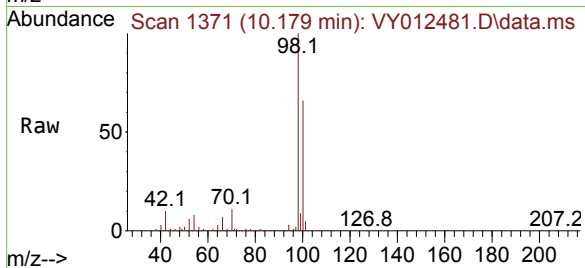




#50
Toluene-d8
Concen: 65.668 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012481.D
Acq: 03 Feb 2023 16:47

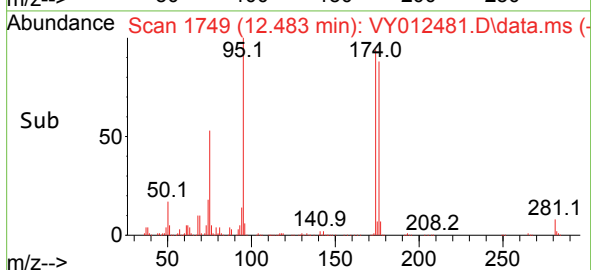
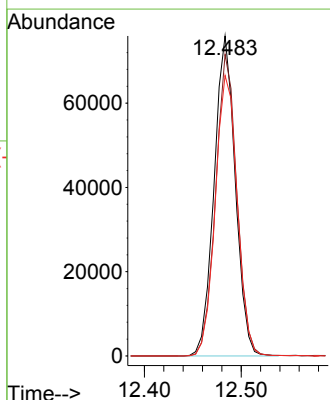
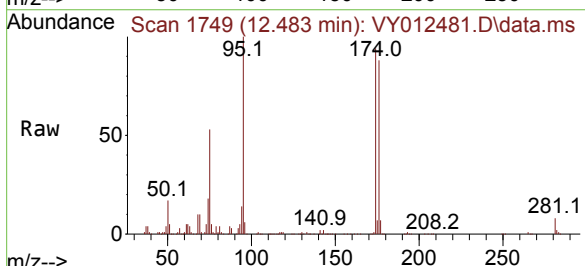
Instrument :
MSVOA_Y
ClientSampleId :

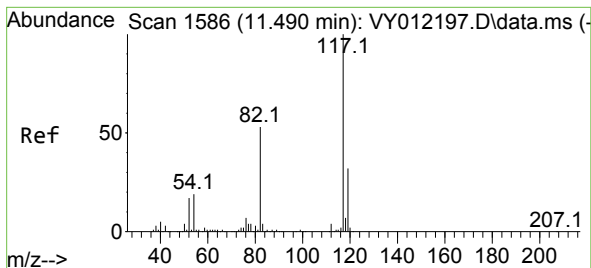
Tgt Ion: 98 Resp: 337801
Ion Ratio Lower Upper
98 100
100 65.2 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 53.995 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012481.D
Acq: 03 Feb 2023 16:47

Tgt Ion: 95 Resp: 115393
Ion Ratio Lower Upper
95 100
174 94.4 0.0 172.0
176 91.0 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. -0.000 min

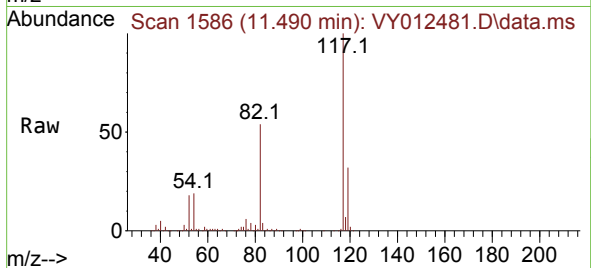
Lab File: VY012481.D

Acq: 03 Feb 2023 16:47

Instrument :

MSVOA_Y

ClientSampleId :



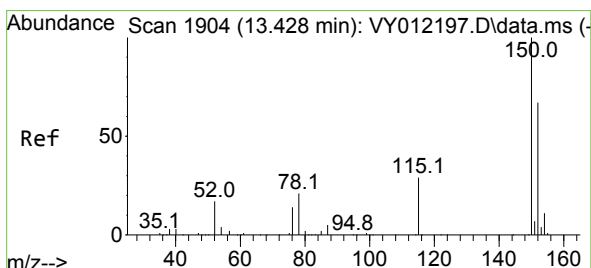
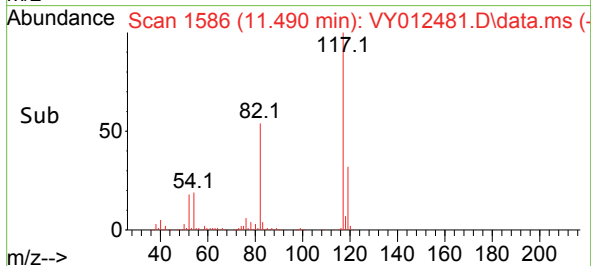
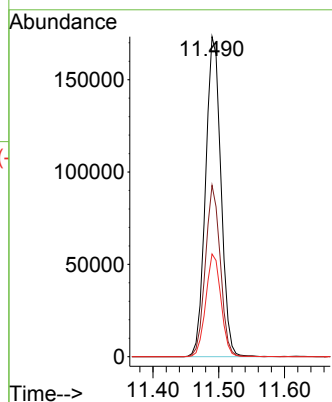
Tgt Ion:117 Resp: 282042

Ion Ratio Lower Upper

117 100

82 53.5 44.8 67.2

119 32.1 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: VY012481.D

Acq: 03 Feb 2023 16:47

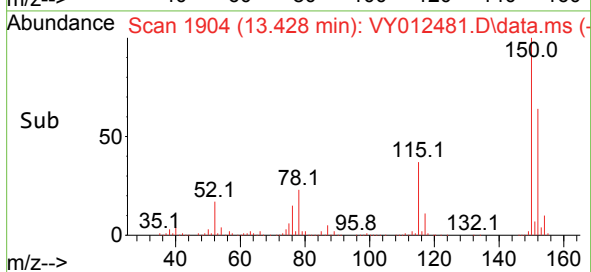
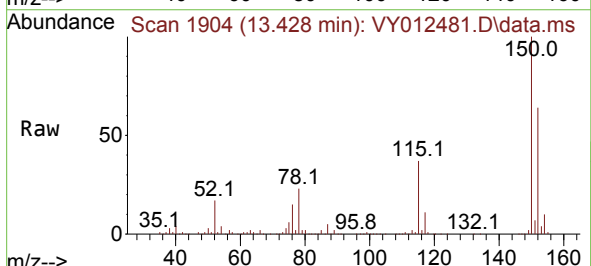
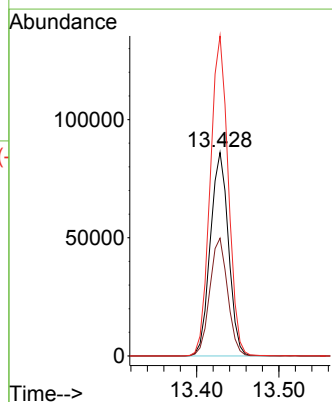
Tgt Ion:152 Resp: 131947

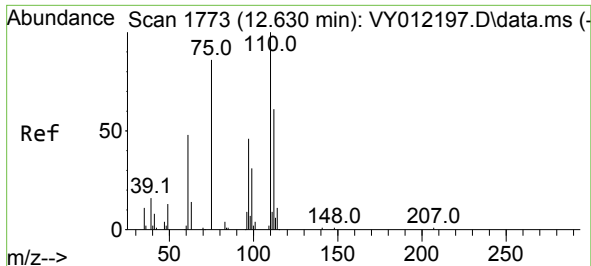
Ion Ratio Lower Upper

152 100

115 57.1 29.1 87.3

150 156.4 0.0 342.6

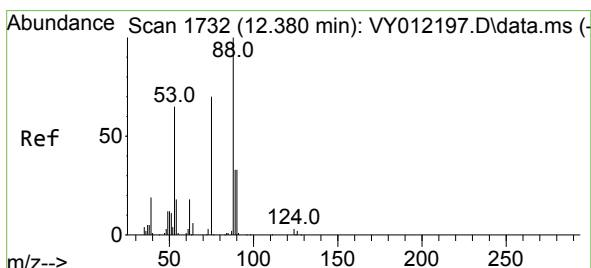
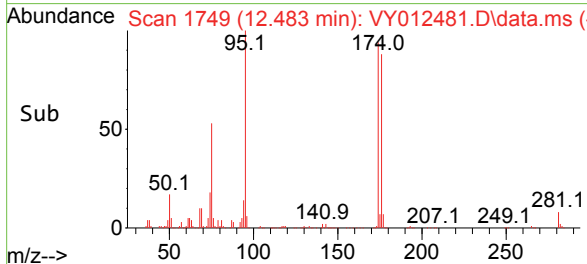
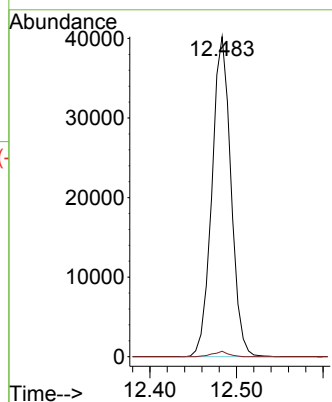
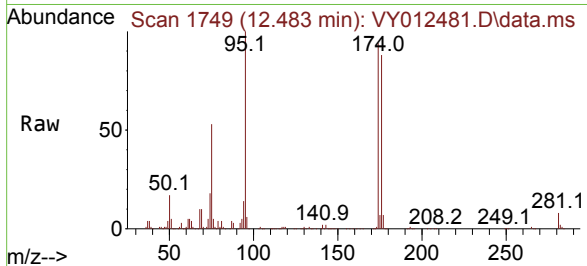




#76
1,2,3-Trichloropropane
Concen: 50.531 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY012481.D
Acq: 03 Feb 2023 16:47

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 61309
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 104.116 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY012481.D
Acq: 03 Feb 2023 16:47

Tgt Ion: 75 Resp: 61309
Ion Ratio Lower Upper
75 100
53 0.1 72.5 108.7#
89 0.1 37.0 55.4#

