

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030223\
 Data File : VY012777.D
 Acq On : 02 Mar 2023 22:17
 Operator : KP/MD
 Sample : 01767-09
 Misc : 8.53g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CE-63-030123

Quant Time: Mar 03 02:01:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

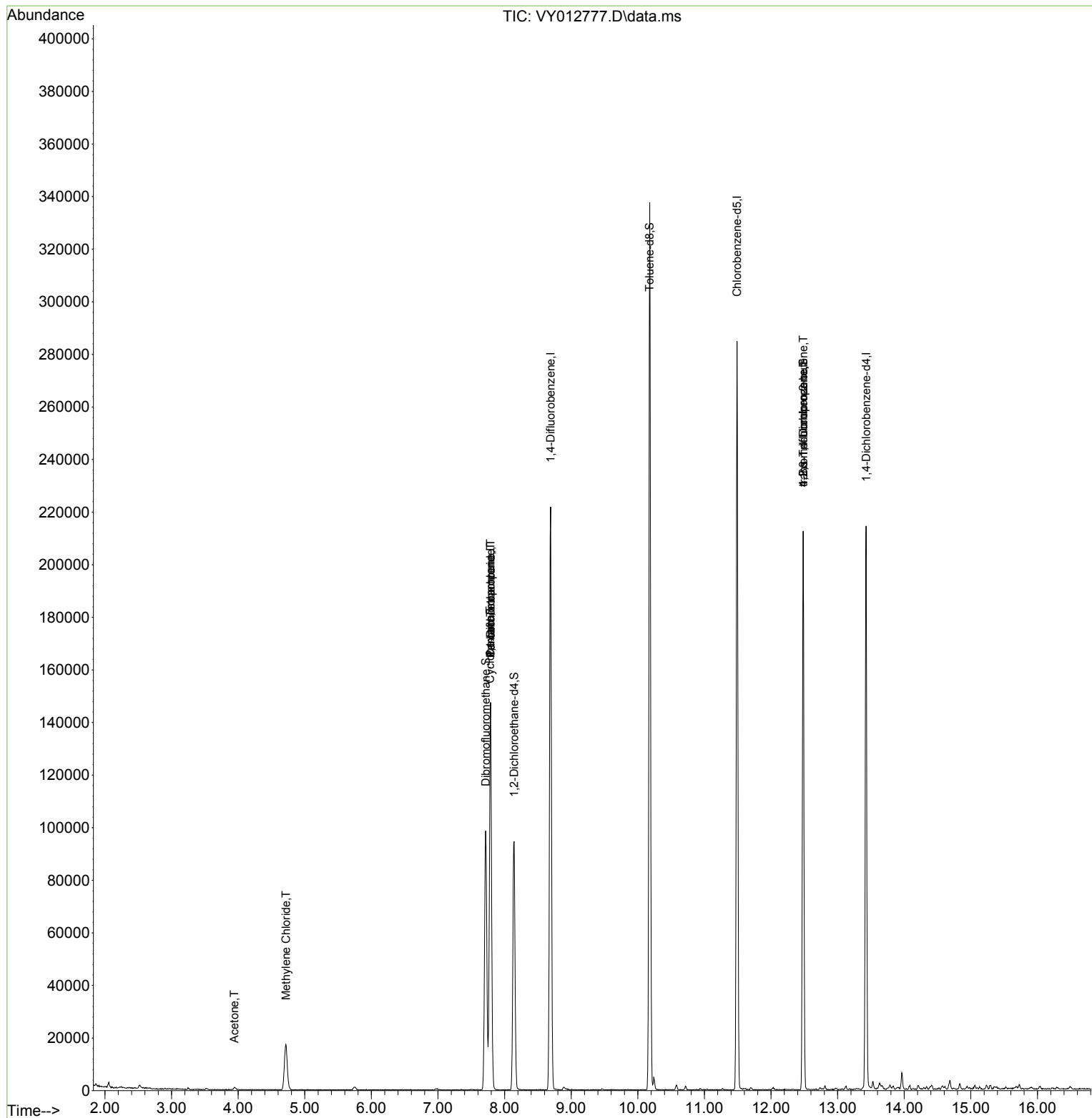
Internal Standards						
1) Pentafluorobenzene	7.789	168	113821	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	188114	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	148285	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	54254	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	73535	65.070	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 130.140%			
35) Dibromofluoromethane	7.716	113	68954	60.738	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 121.480%			
50) Toluene-d8	10.179	98	213524	51.448	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.900%			
62) 4-Bromofluorobenzene	12.483	95	59224	42.278	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 84.560%			
Target Compounds						
11) Tert butyl alcohol	4.930	59	127	Below Cal	#	74
16) Acetone	3.942	43	1720	3.878	ug/l #	87
20) Methylene Chloride	4.716	84	12780	4.559	ug/l	94
31) Cyclohexane	7.783	56	2470	1.141	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	8364	4.396	ug/l #	50
38) Carbon Tetrachloride	7.789	117	11352	5.778	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	30971	47.804	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	30971	99.051	ug/l #	13

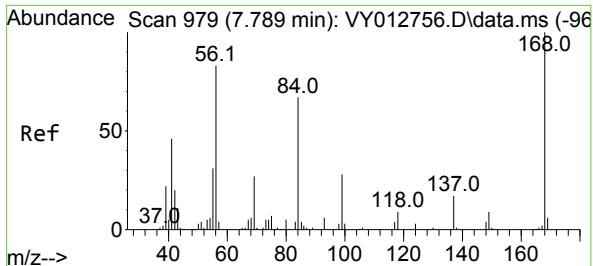
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030223\
Data File : VY012777.D
Acq On : 02 Mar 2023 22:17
Operator : KP/MD
Sample : 01767-09
Misc : 8.53g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CE-63-030123

Quant Time: Mar 03 02:01:50 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 03 01:13:13 2023
Response via : Initial Calibration

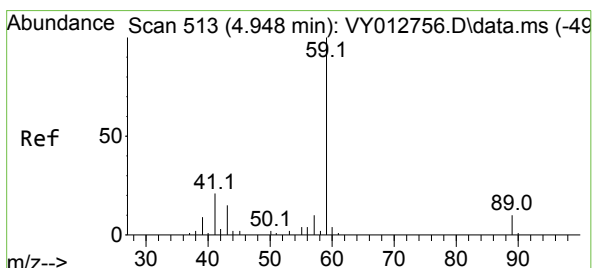
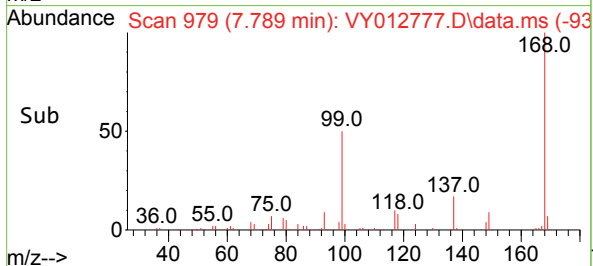
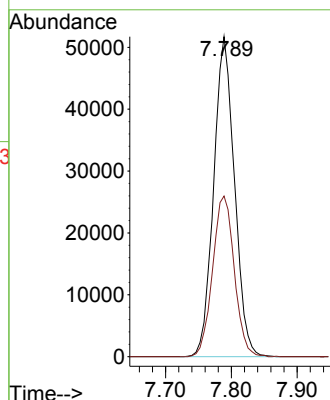
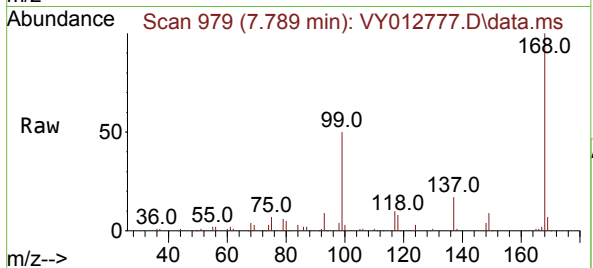




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012777.D
Acq: 02 Mar 2023 22:17

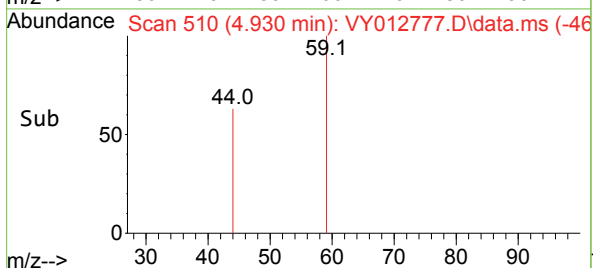
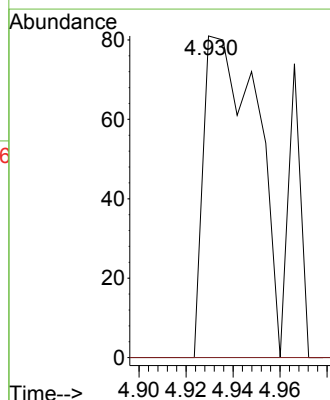
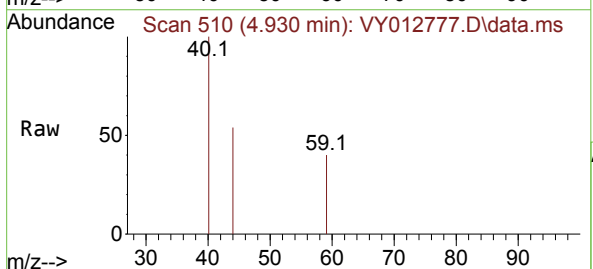
Instrument :
MSVOA_Y
ClientSampleId :
CE-63-030123

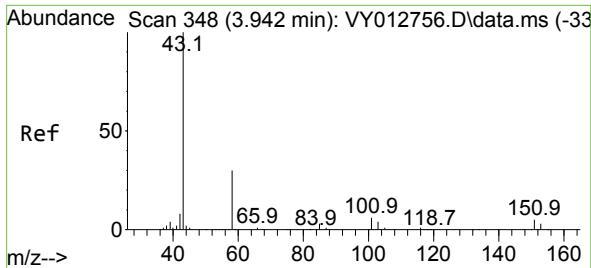
Tgt Ion:168 Resp: 113821
Ion Ratio Lower Upper
168 100
99 50.2 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.930 min Scan# 510
Delta R.T. -0.018 min
Lab File: VY012777.D
Acq: 02 Mar 2023 22:17

Tgt Ion: 59 Resp: 127
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#





#16

Acetone

Concen: 3.878 ug/l

RT: 3.942 min Scan# 348

Delta R.T. -0.000 min

Lab File: VY012777.D

Acq: 02 Mar 2023 22:17

Instrument :

MSVOA_Y

ClientSampleId :

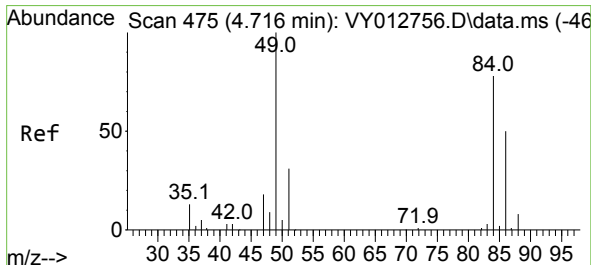
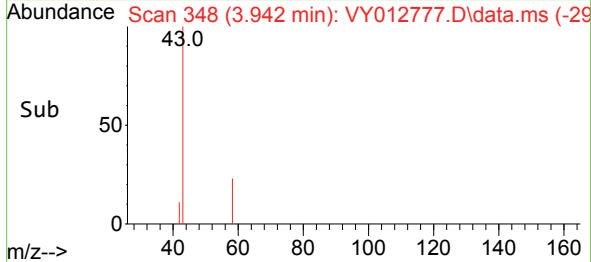
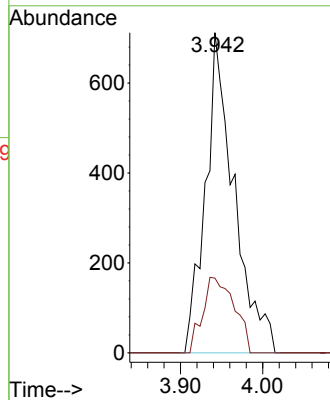
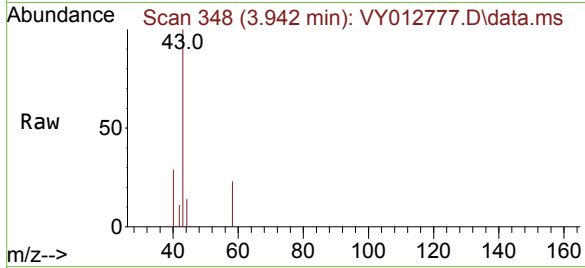
CE-63-030123

Tgt Ion: 43 Resp: 1720

Ion Ratio Lower Upper

43 100

58 23.3 24.2 36.2#



#20

Methylene Chloride

Concen: 4.559 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY012777.D

Acq: 02 Mar 2023 22:17

Tgt Ion: 84 Resp: 12780

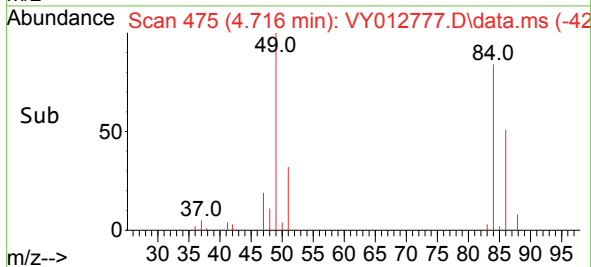
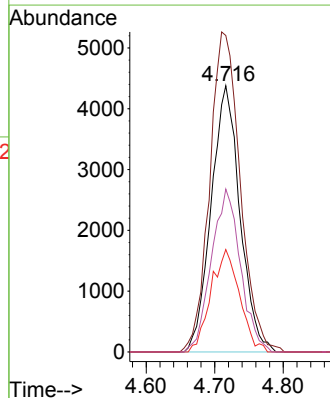
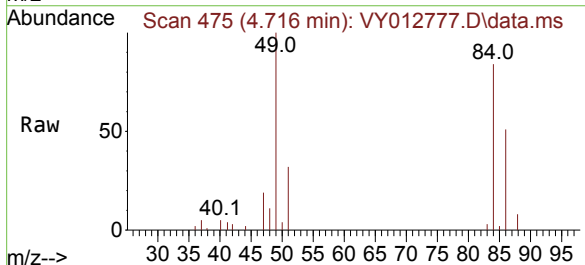
Ion Ratio Lower Upper

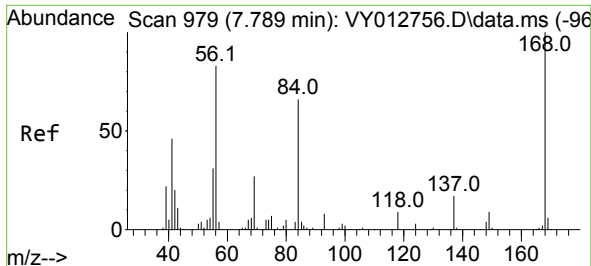
84 100

49 118.9 102.6 154.0

51 38.5 31.9 47.9

86 61.2 51.0 76.6

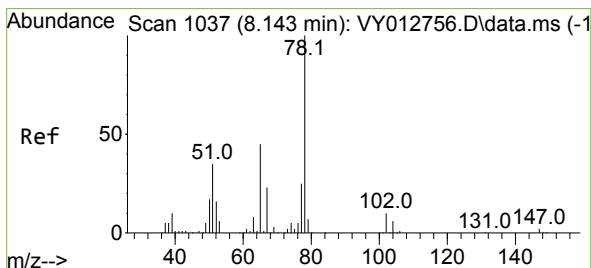
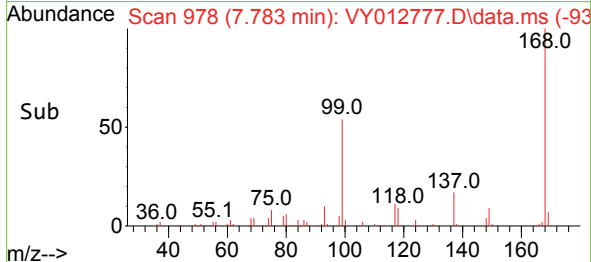
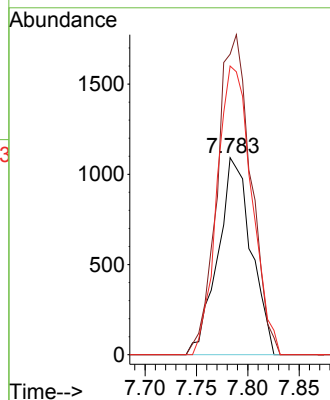
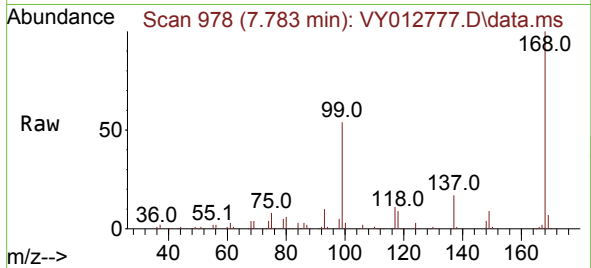




#31
Cyclohexane
Concen: 1.141 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012777.D
Acq: 02 Mar 2023 22:17

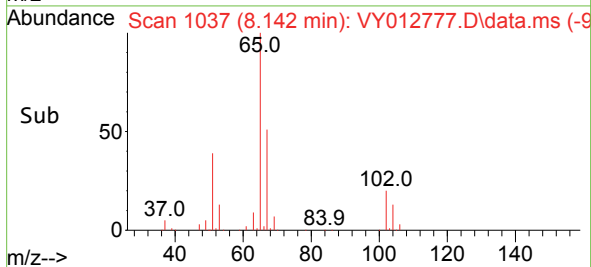
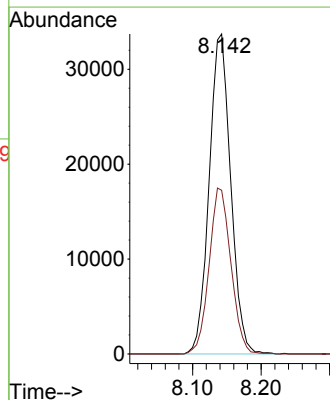
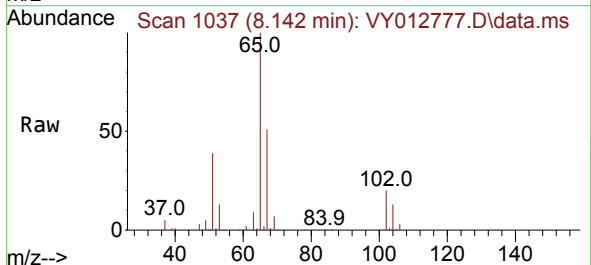
Instrument :
MSVOA_Y
ClientSampleId :
CE-63-030123

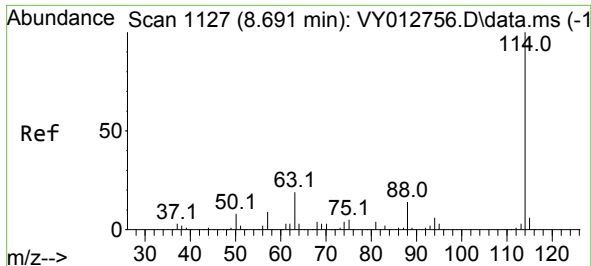
Tgt Ion: 56 Resp: 2470
Ion Ratio Lower Upper
56 100
69 152.6 25.7 38.5#
84 146.5 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 65.070 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012777.D
Acq: 02 Mar 2023 22:17

Tgt Ion: 65 Resp: 73535
Ion Ratio Lower Upper
65 100
67 52.5 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012777.D

Acq: 02 Mar 2023 22:17

Instrument :

MSVOA_Y

ClientSampleId :

CE-63-030123

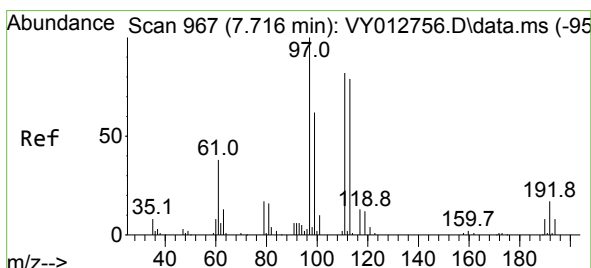
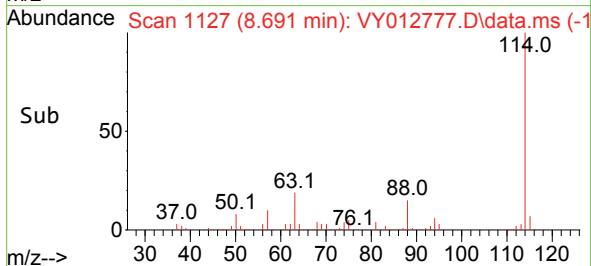
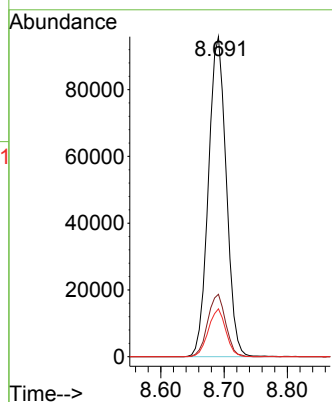
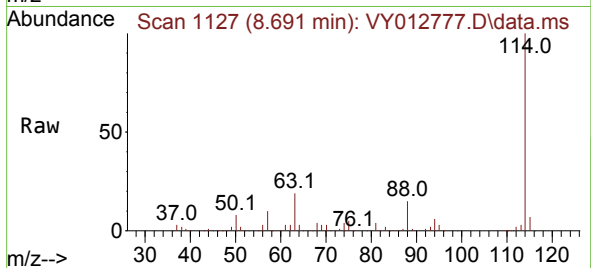
Tgt Ion:114 Resp: 188114

Ion Ratio Lower Upper

114 100

63 19.5 0.0 37.4

88 14.9 0.0 28.6



#35

Dibromofluoromethane

Concen: 60.738 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012777.D

Acq: 02 Mar 2023 22:17

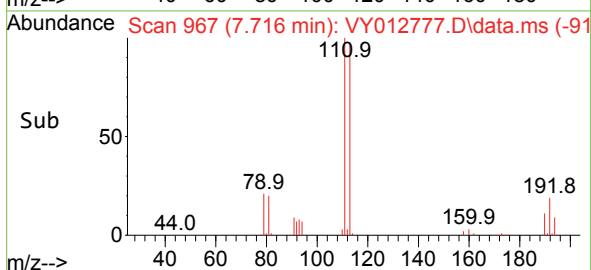
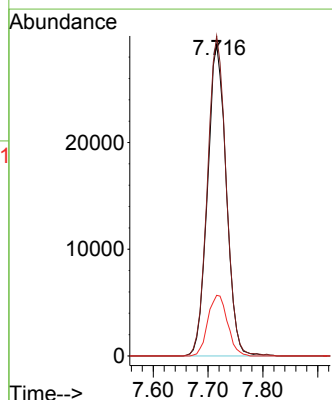
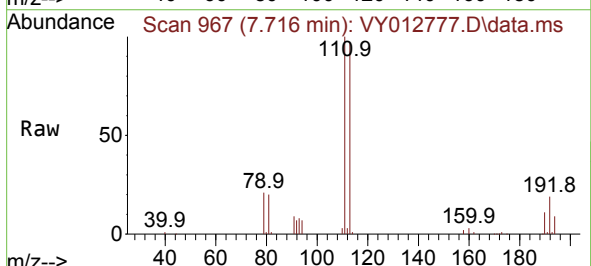
Tgt Ion:113 Resp: 68954

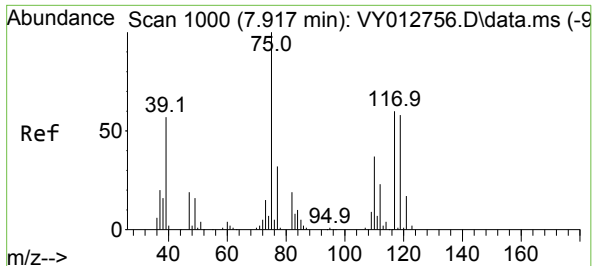
Ion Ratio Lower Upper

113 100

111 103.2 82.2 123.2

192 20.5 16.8 25.2

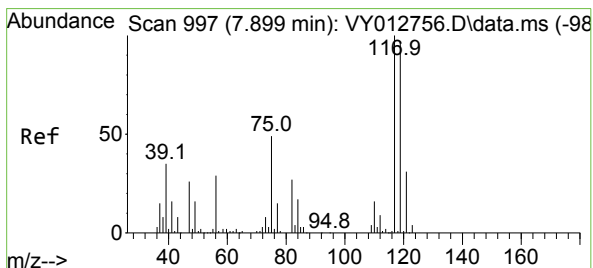
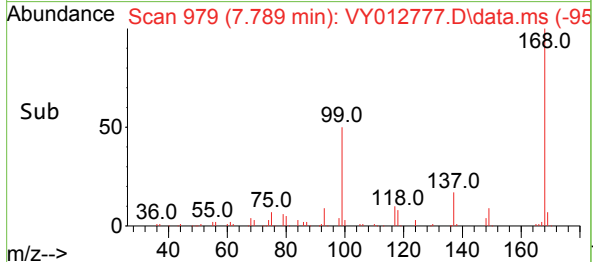
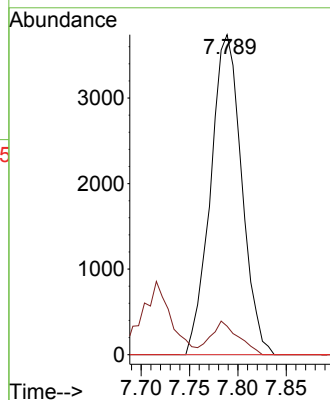
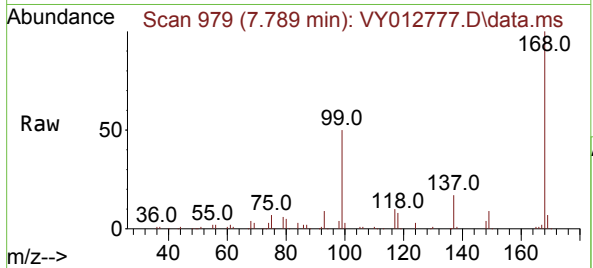




#36
 1,1-Dichloropropene
 Concen: 4.396 ug/l
 RT: 7.789 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY012777.D
 Acq: 02 Mar 2023 22:17

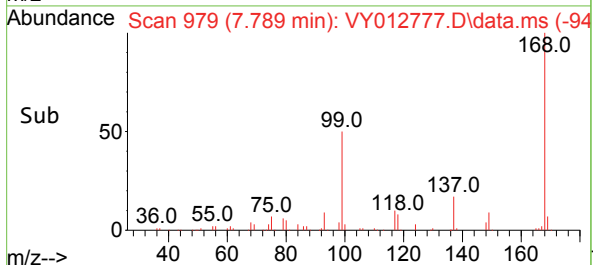
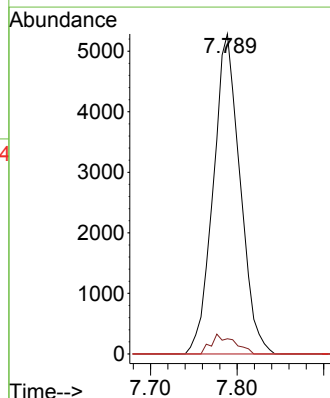
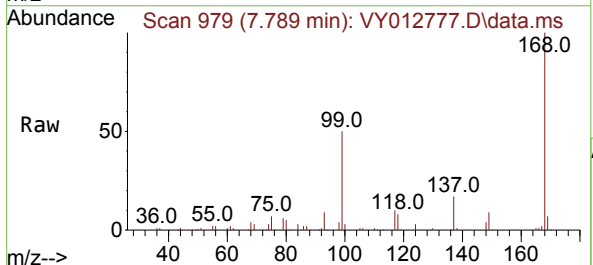
Instrument :
 MSVOA_Y
 ClientSampleId :
 CE-63-030123

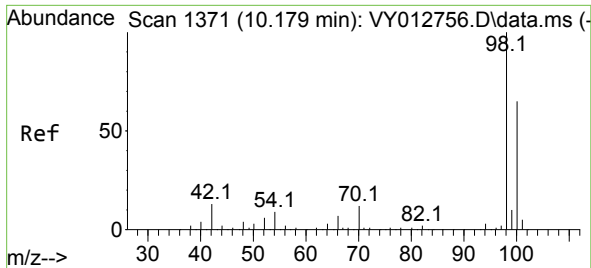
Tgt Ion: 75 Resp: 8364
 Ion Ratio Lower Upper
 75 100
 110 9.2 17.8 53.3#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 5.778 ug/l
 RT: 7.789 min Scan# 979
 Delta R.T. -0.110 min
 Lab File: VY012777.D
 Acq: 02 Mar 2023 22:17

Tgt Ion: 117 Resp: 11352
 Ion Ratio Lower Upper
 117 100
 119 4.7 77.2 115.8#
 121 0.0 24.7 37.1#

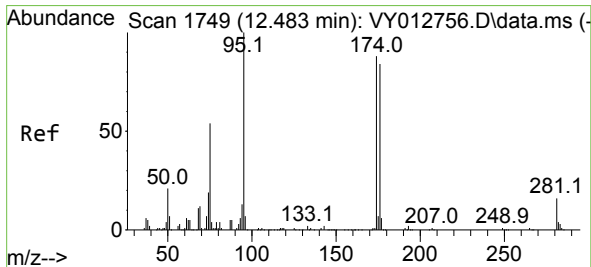
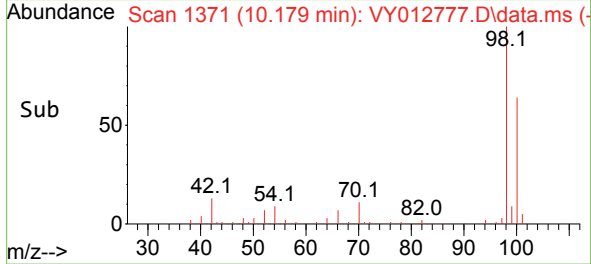
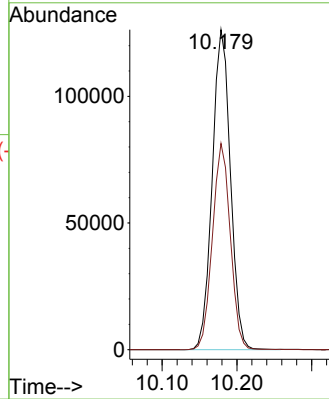
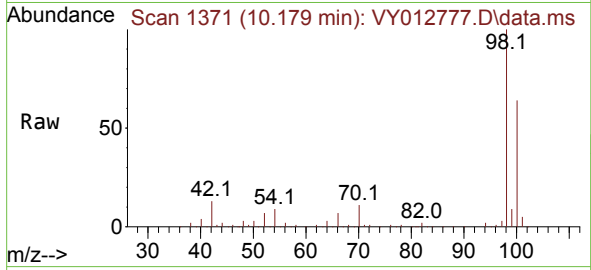




#50
Toluene-d8
Concen: 51.448 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012777.D
Acq: 02 Mar 2023 22:17

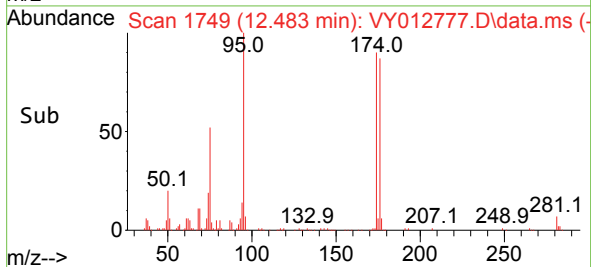
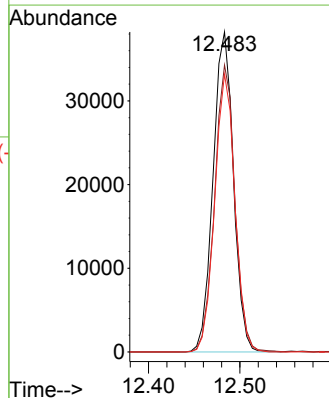
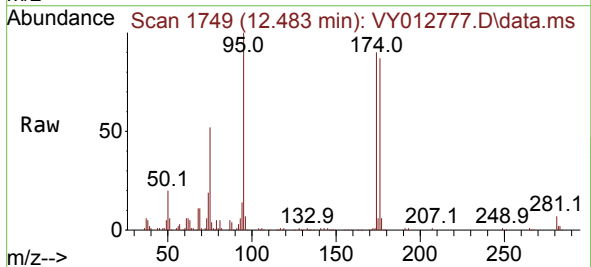
Instrument :
MSVOA_Y
ClientSampleId :
CE-63-030123

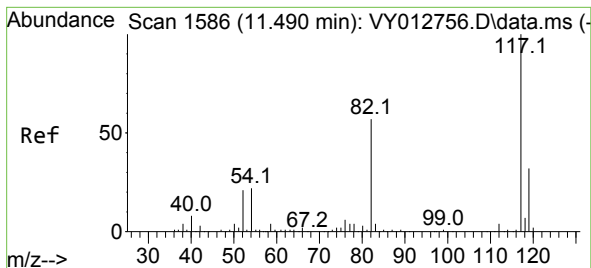
Tgt Ion: 98 Resp: 213524
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 42.278 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012777.D
Acq: 02 Mar 2023 22:17

Tgt Ion: 95 Resp: 59224
Ion Ratio Lower Upper
95 100
174 89.5 0.0 176.6
176 86.1 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012777.D

Acq: 02 Mar 2023 22:17

Instrument :

MSVOA_Y

ClientSampleId :

CE-63-030123

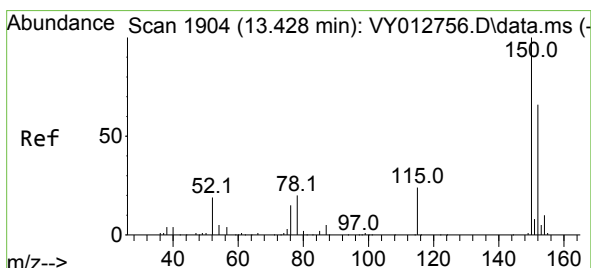
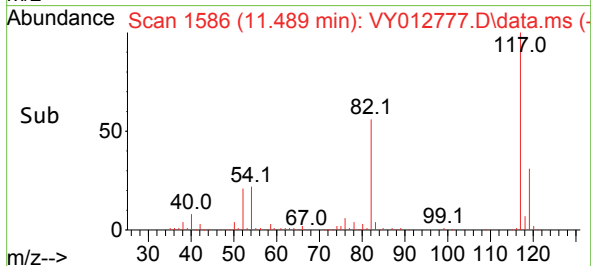
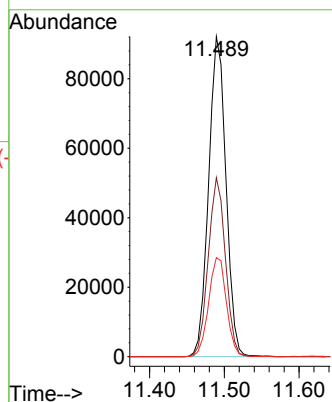
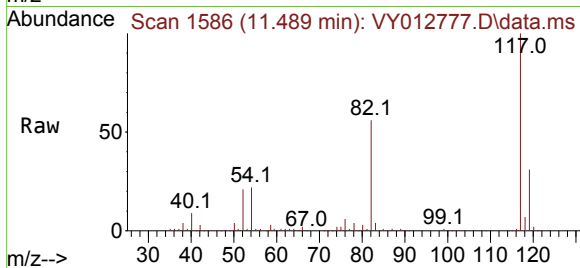
Tgt Ion:117 Resp: 148285

Ion Ratio Lower Upper

117 100

82 56.0 45.4 68.0

119 31.0 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY012777.D

Acq: 02 Mar 2023 22:17

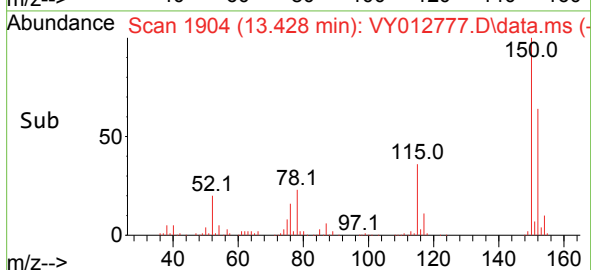
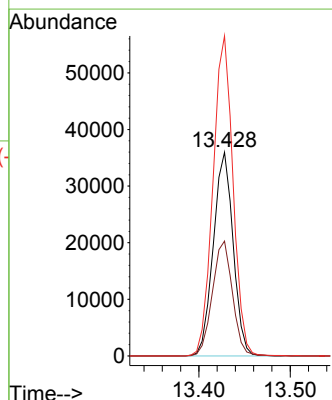
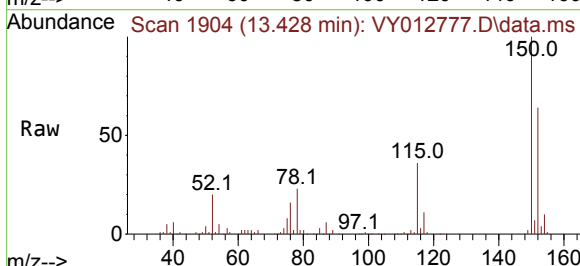
Tgt Ion:152 Resp: 54254

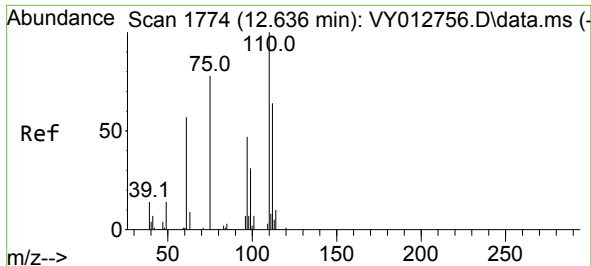
Ion Ratio Lower Upper

152 100

115 57.1 27.1 81.3

150 158.1 0.0 347.8

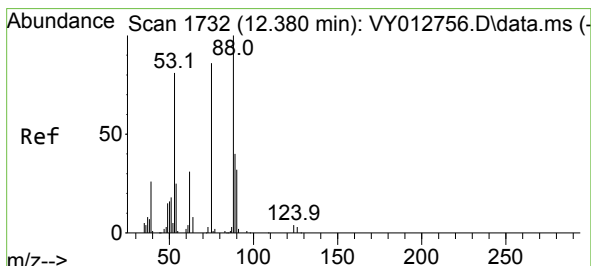
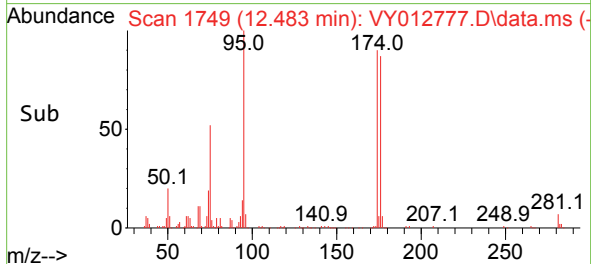
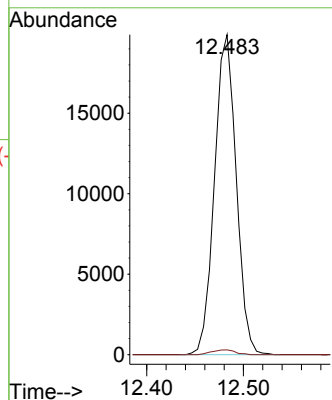
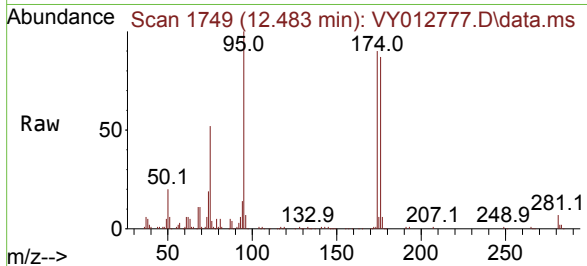




#76
1,2,3-Trichloropropane
Concen: 47.804 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY012777.D
Acq: 02 Mar 2023 22:17

Instrument :
MSVOA_Y
ClientSampleId :
CE-63-030123

Tgt Ion: 75 Resp: 30971
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 99.051 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY012777.D
Acq: 02 Mar 2023 22:17

Tgt Ion: 75 Resp: 30971
Ion Ratio Lower Upper
75 100
53 0.1 73.4 110.0#
89 0.1 36.6 55.0#

