

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030223\
 Data File : VY012778.D
 Acq On : 02 Mar 2023 22:40
 Operator : KP/MD
 Sample : 01767-13
 Misc : 6.30g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CE-33-030123

Quant Time: Mar 03 02:02:09 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)

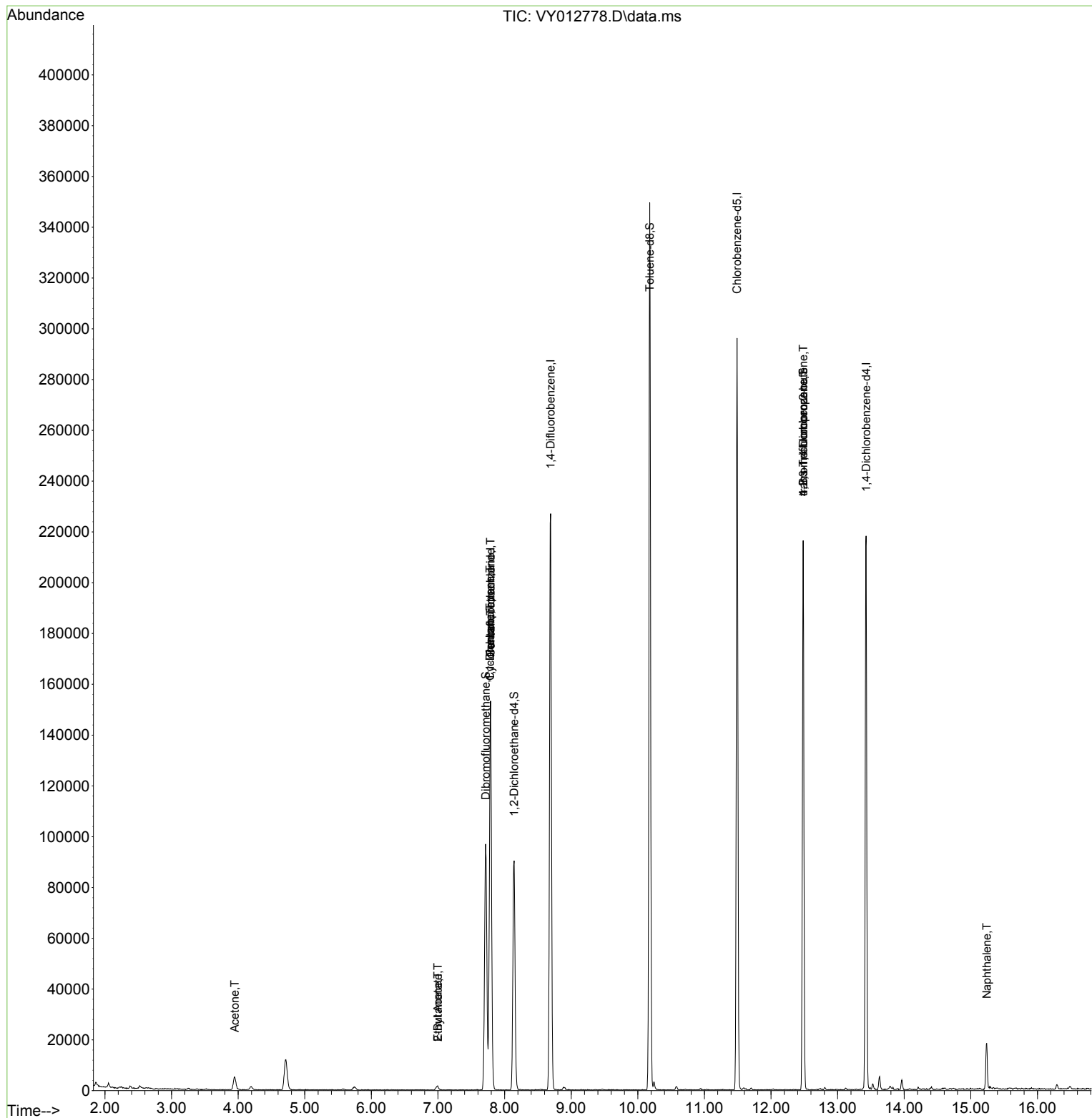
Internal Standards						
1) Pentafluorobenzene	7.789	168	118402	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	195026	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	154348	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	56009	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	70889	60.301	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 120.600%			
35) Dibromofluoromethane	7.716	113	68224	57.965	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 115.940%			
50) Toluene-d8	10.179	98	224110	52.085	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.160%			
62) 4-Bromofluorobenzene	12.483	95	60716	41.807	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 83.620%			
Target Compounds						
11) Tert butyl alcohol	4.936	59	53	Below Cal	#	74
16) Acetone	3.948	43	9242	20.029	ug/l	96
25) 2-Butanone	6.996	43	2786	4.875	ug/l #	82
31) Cyclohexane	7.783	56	2698	1.198	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	9033	4.580	ug/l #	49
37) Ethyl Acetate	6.996	43	2786	2.241	ug/l #	69
38) Carbon Tetrachloride	7.789	117	11353	5.574	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	32885	49.167	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	32885	101.876	ug/l #	13
95) Naphthalene	15.239	128	14880	7.173	ug/l	97

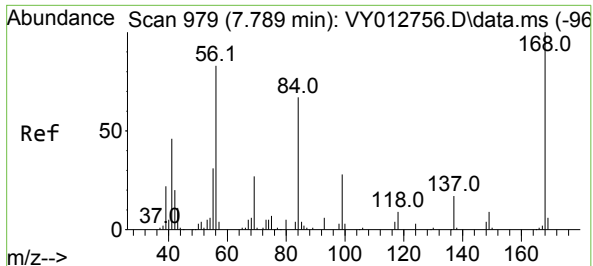
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030223\
Data File : VY012778.D
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Misc : 6.30g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CE-33-030123

Quant Time: Mar 03 02:02:09 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

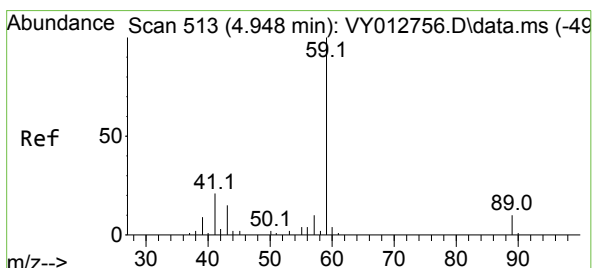
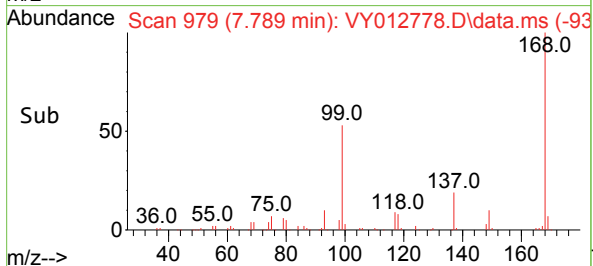
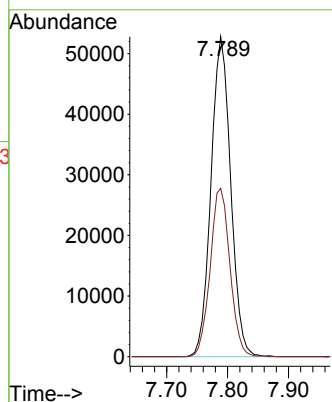
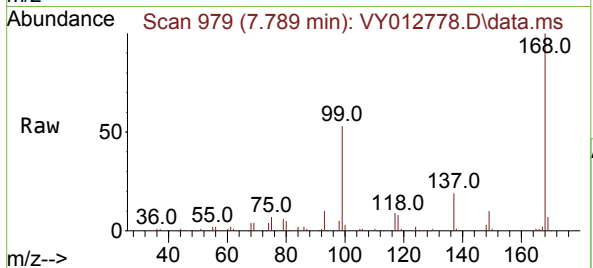




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012778.D
Acq: 02 Mar 2023 22:40

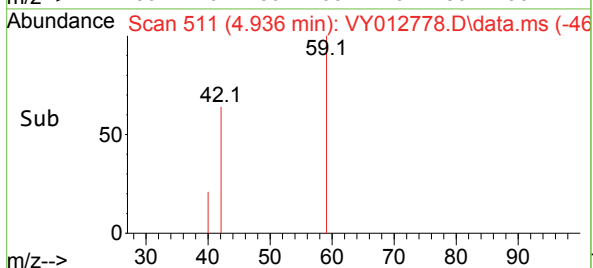
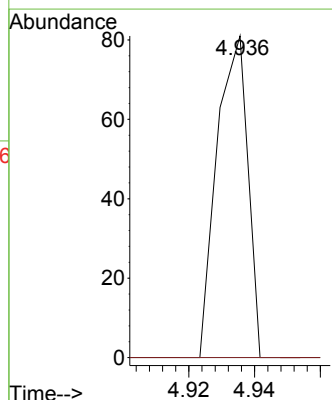
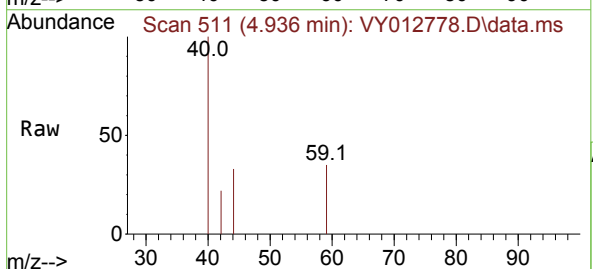
Instrument :
MSVOA_Y
ClientSampleId :
CE-33-030123

Tgt Ion:168 Resp: 118402
Ion Ratio Lower Upper
168 100
99 52.6 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY012778.D
Acq: 02 Mar 2023 22:40

Tgt Ion: 59 Resp: 53
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

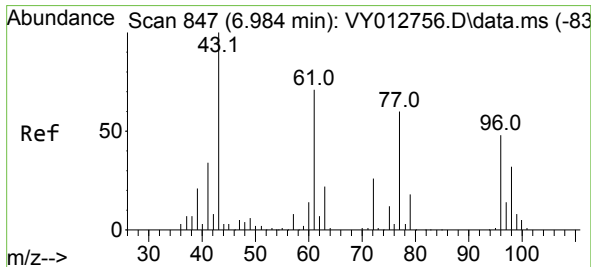
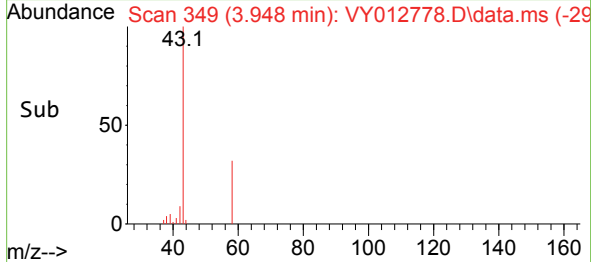
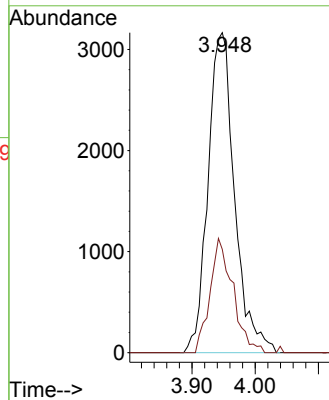
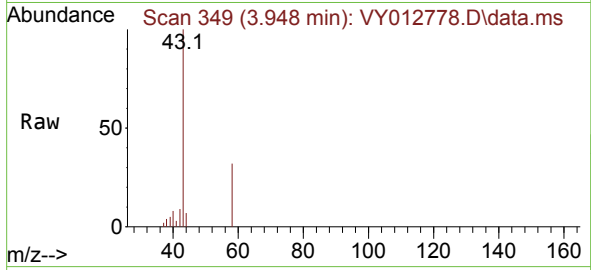




#16
Acetone
Concen: 20.029 ug/l
RT: 3.948 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY012778.D
Acq: 02 Mar 2023 22:40

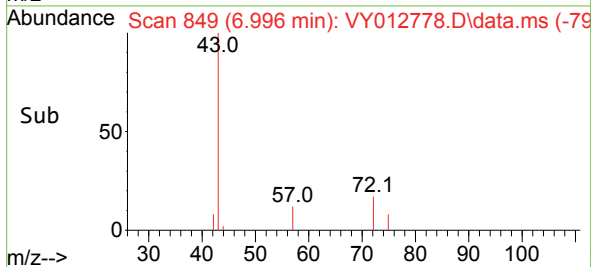
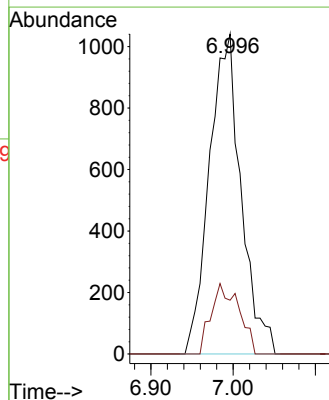
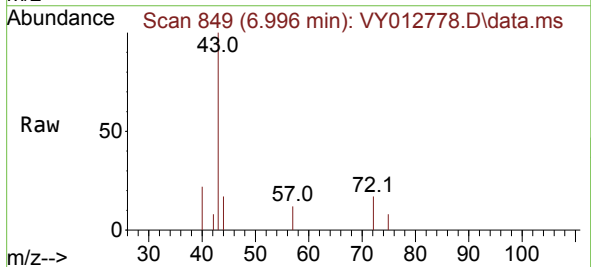
Instrument :
MSVOA_Y
ClientSampleId :
CE-33-030123

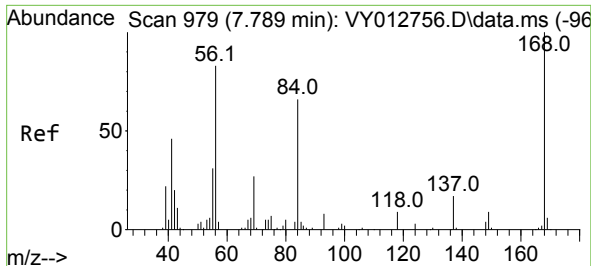
Tgt Ion: 43 Resp: 9242
Ion Ratio Lower Upper
43 100
58 32.3 24.2 36.2



#25
2-Butanone
Concen: 4.875 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.012 min
Lab File: VY012778.D
Acq: 02 Mar 2023 22:40

Tgt Ion: 43 Resp: 2786
Ion Ratio Lower Upper
43 100
72 16.8 21.0 31.4#

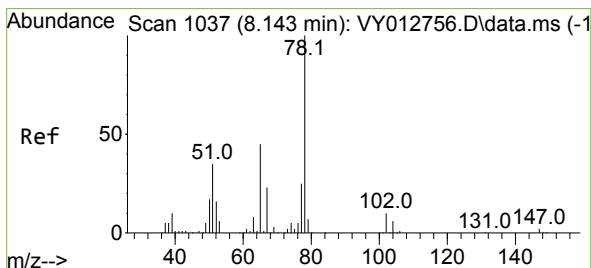
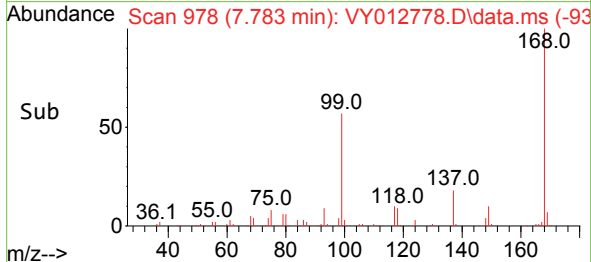
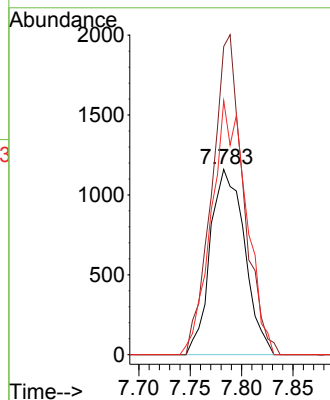
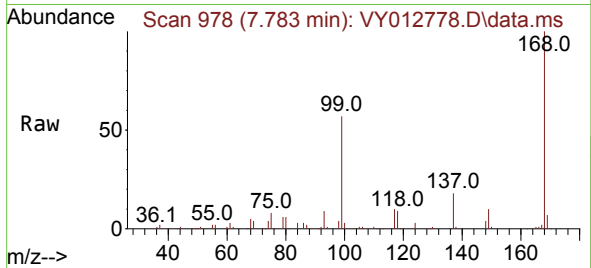




#31
Cyclohexane
Concen: 1.198 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012778.D
Acq: 02 Mar 2023 22:40

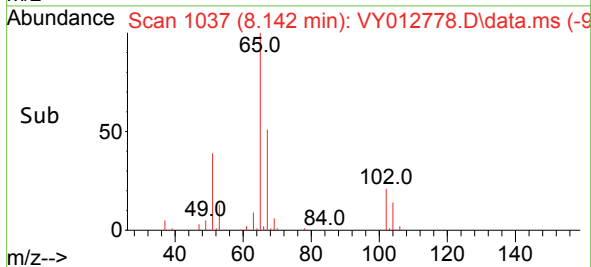
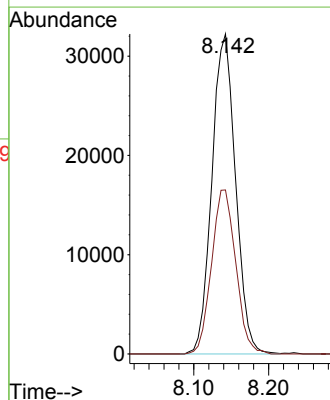
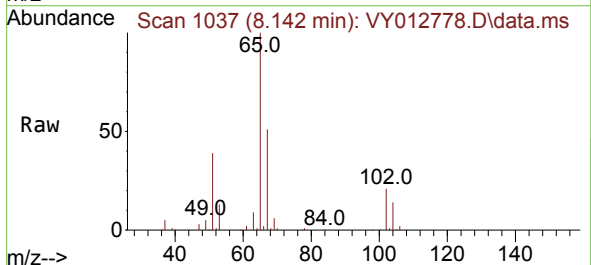
Instrument :
MSVOA_Y
ClientSampleId :
CE-33-030123

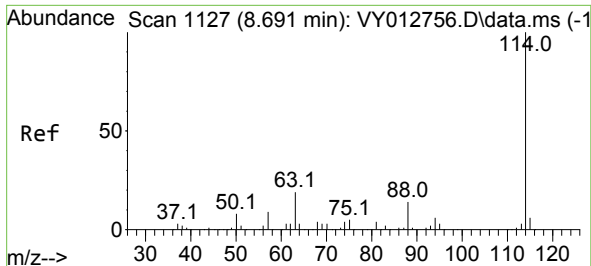
Tgt Ion: 56 Resp: 2698
Ion Ratio Lower Upper
56 100
69 166.3 25.7 38.5#
84 137.0 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 60.301 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012778.D
Acq: 02 Mar 2023 22:40

Tgt Ion: 65 Resp: 70889
Ion Ratio Lower Upper
65 100
67 52.5 0.0 104.0

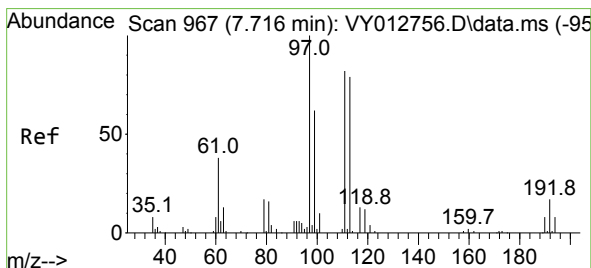
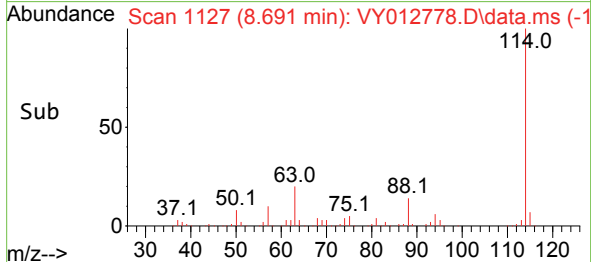
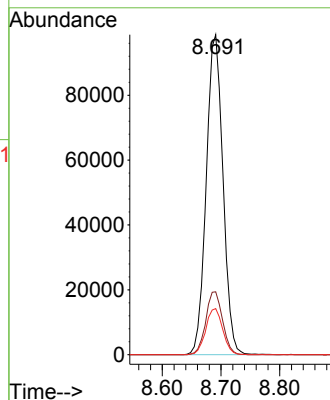
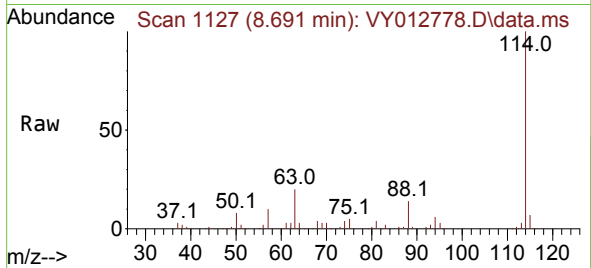




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY012778.D
Acq: 02 Mar 2023 22:40

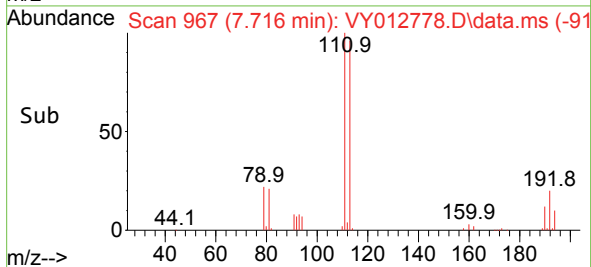
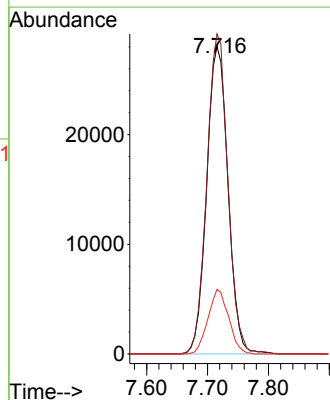
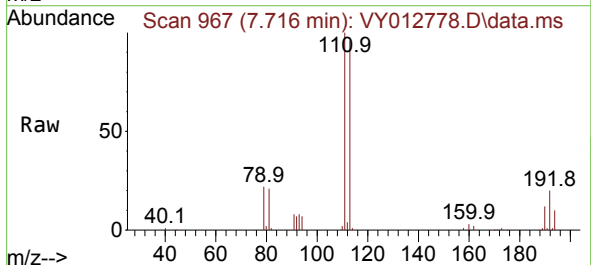
Instrument :
MSVOA_Y
ClientSampleId :
CE-33-030123

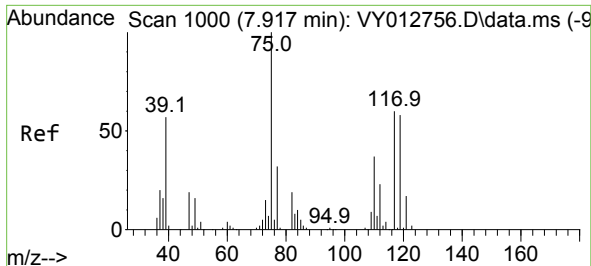
Tgt Ion:114 Resp: 195026
Ion Ratio Lower Upper
114 100
63 19.7 0.0 37.4
88 14.4 0.0 28.6



#35
Dibromofluoromethane
Concen: 57.965 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012778.D
Acq: 02 Mar 2023 22:40

Tgt Ion:113 Resp: 68224
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 20.4 16.8 25.2





#36

1,1-Dichloropropene

Concen: 4.580 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY012778.D

Acq: 02 Mar 2023 22:40

Instrument :

MSVOA_Y

ClientSampleId :

CE-33-030123

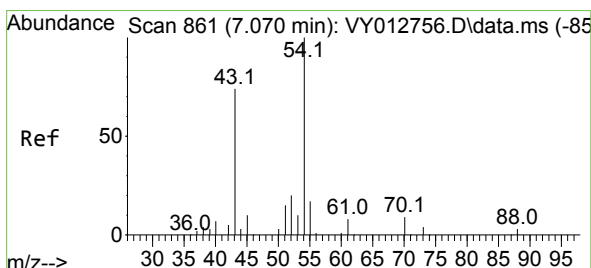
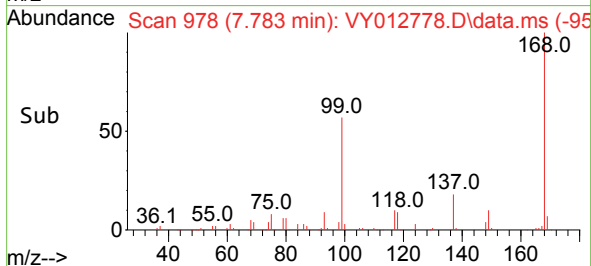
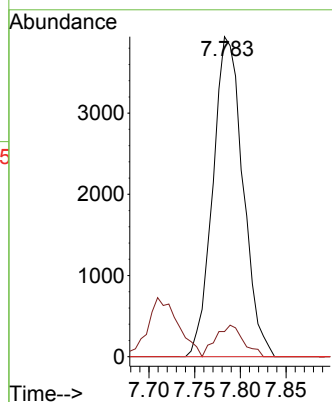
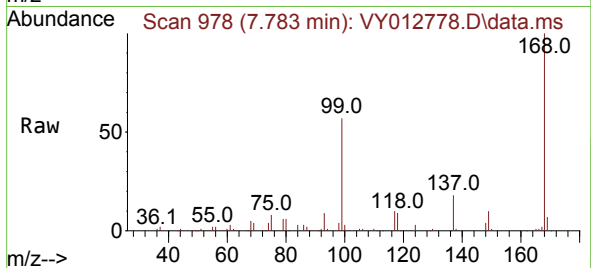
Tgt Ion: 75 Resp: 9033

Ion Ratio Lower Upper

75 100

110 9.0 17.8 53.3#

77 0.0 25.0 37.4#



#37

Ethyl Acetate

Concen: 2.241 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.073 min

Lab File: VY012778.D

Acq: 02 Mar 2023 22:40

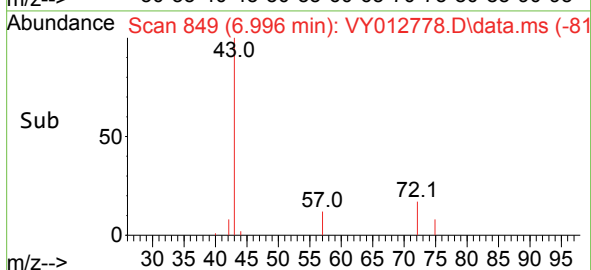
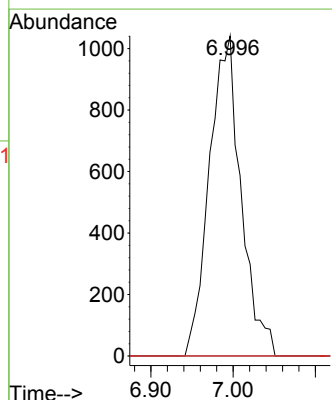
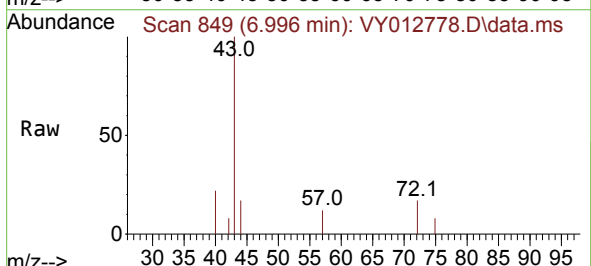
Tgt Ion: 43 Resp: 2786

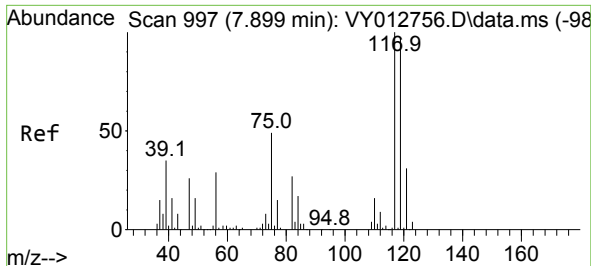
Ion Ratio Lower Upper

43 100

61 0.0 10.7 16.1#

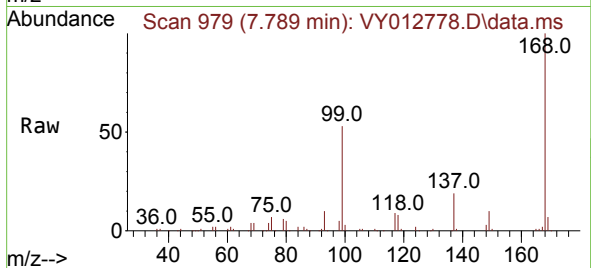
70 0.0 7.8 11.8#



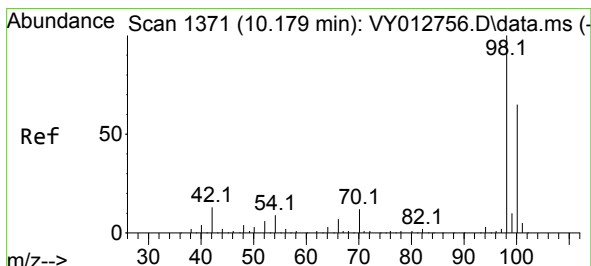
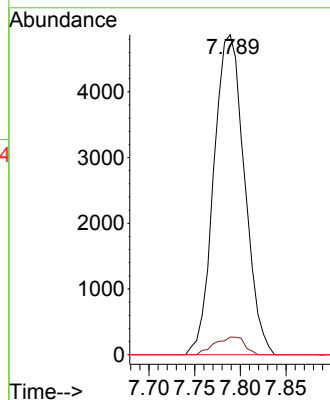
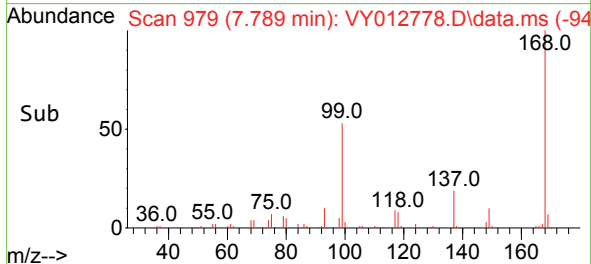


#38
Carbon Tetrachloride
Concen: 5.574 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY012778.D
Acq: 02 Mar 2023 22:40

Instrument :
MSVOA_Y
ClientSampleId :
CE-33-030123

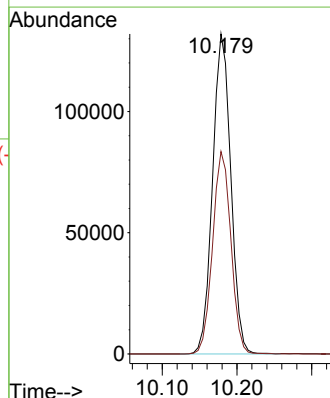
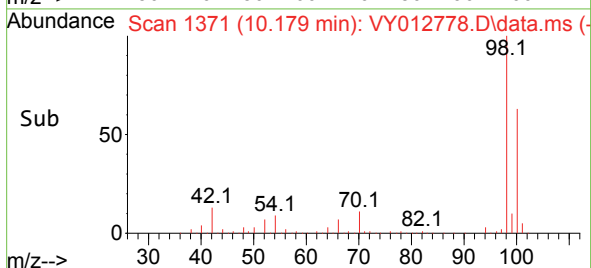
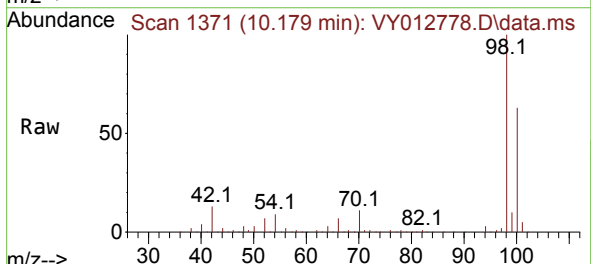


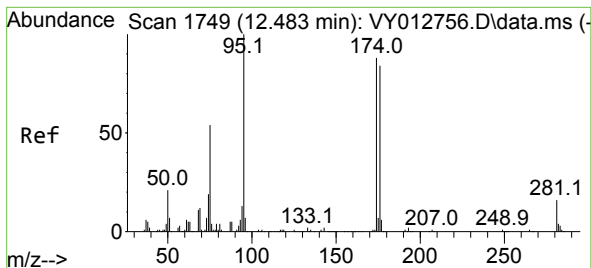
Tgt Ion:117 Resp: 11353
Ion Ratio Lower Upper
117 100
119 5.5 77.2 115.8#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 52.085 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012778.D
Acq: 02 Mar 2023 22:40

Tgt Ion: 98 Resp: 224110
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3

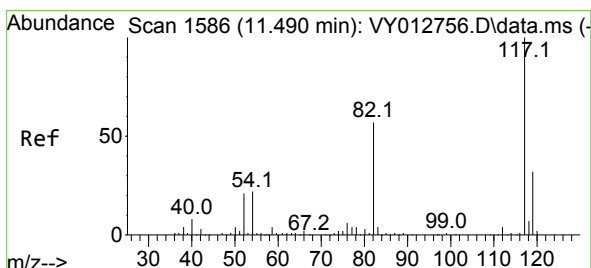
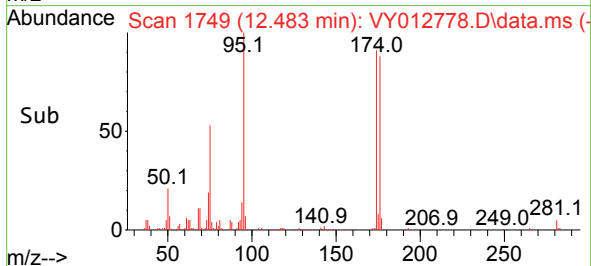
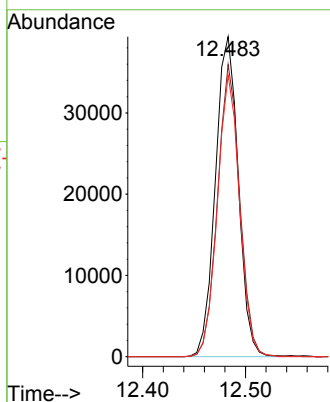
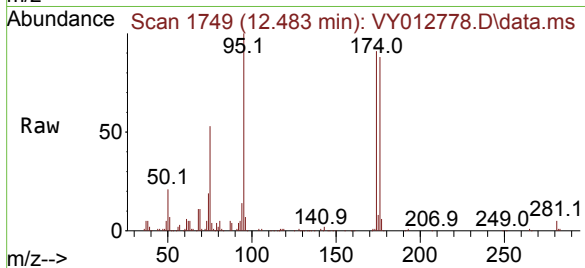




#62
4-Bromofluorobenzene
Concen: 41.807 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012778.D
Acq: 02 Mar 2023 22:40

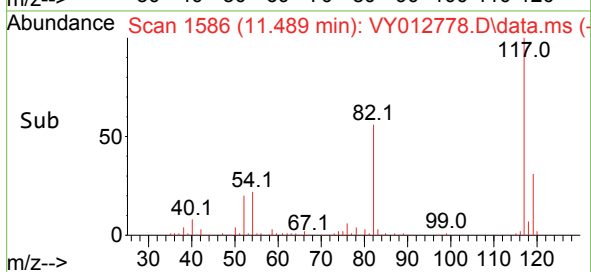
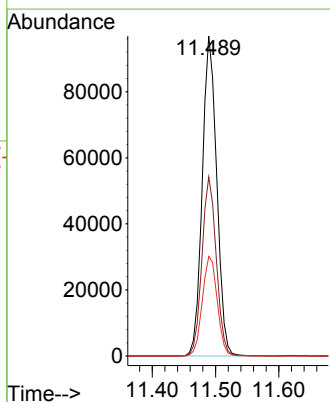
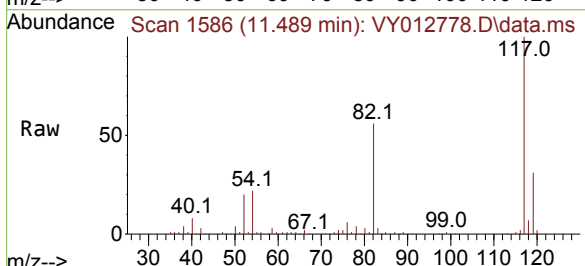
Instrument :
MSVOA_Y
ClientSampleId :
CE-33-030123

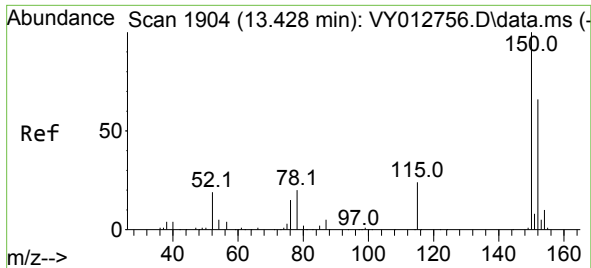
Tgt Ion: 95 Resp: 60716
Ion Ratio Lower Upper
95 100
174 88.9 0.0 176.6
176 85.3 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012778.D
Acq: 02 Mar 2023 22:40

Tgt Ion: 117 Resp: 154348
Ion Ratio Lower Upper
117 100
82 56.0 45.4 68.0
119 31.1 25.6 38.4

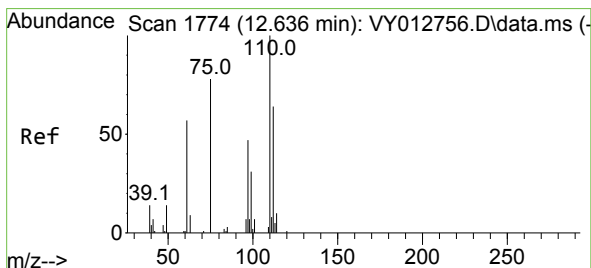
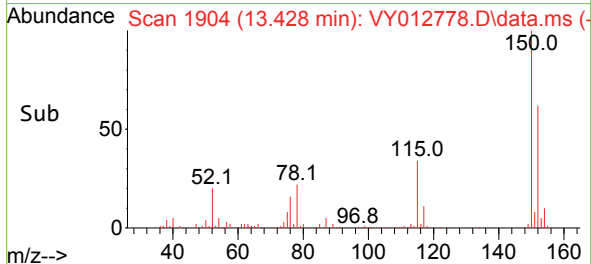
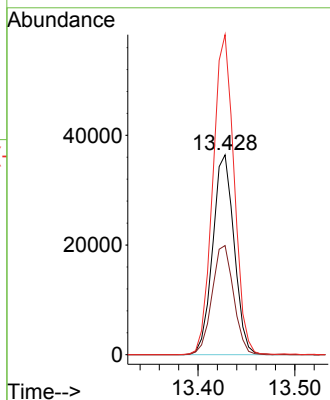
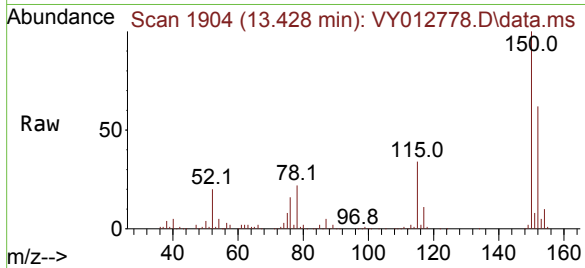




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY012778.D
 Acq: 02 Mar 2023 22:40

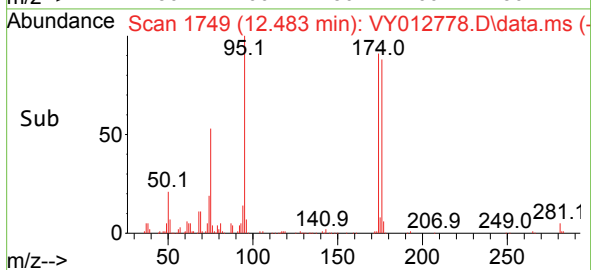
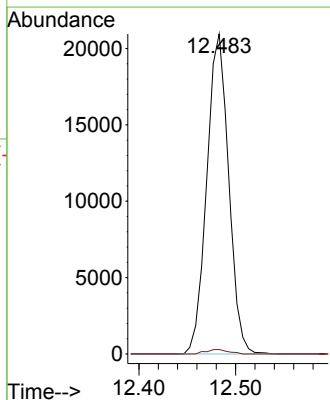
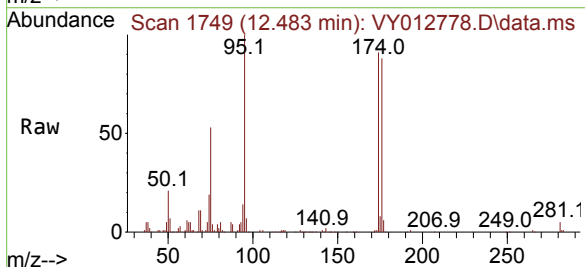
Instrument :
 MSVOA_Y
 ClientSampleId :
 CE-33-030123

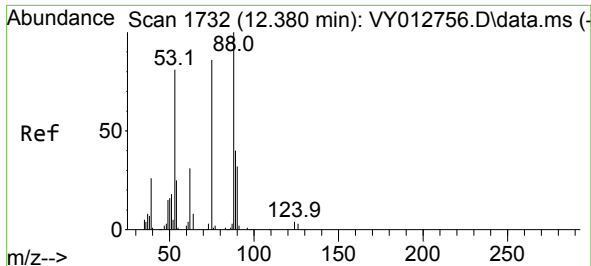
Tgt Ion:152 Resp: 56009
 Ion Ratio Lower Upper
 152 100
 115 55.1 27.1 81.3
 150 158.9 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 49.167 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY012778.D
 Acq: 02 Mar 2023 22:40

Tgt Ion: 75 Resp: 32885
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#

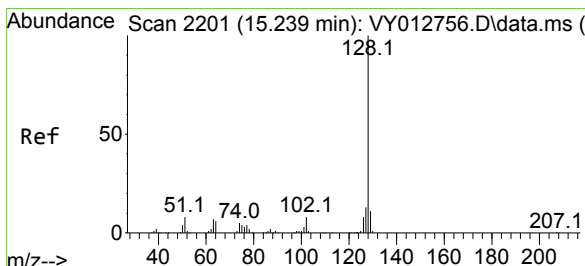
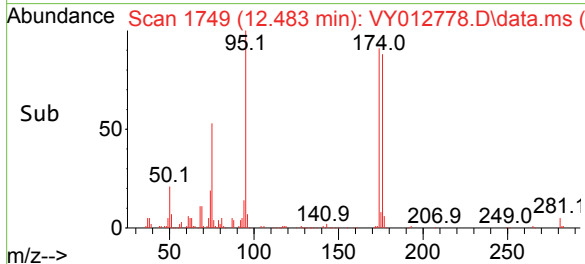
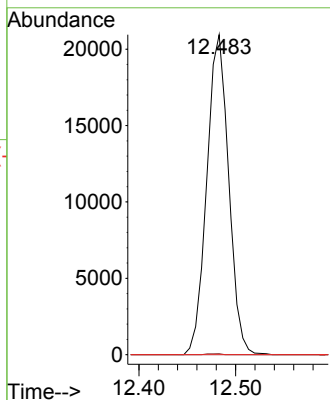
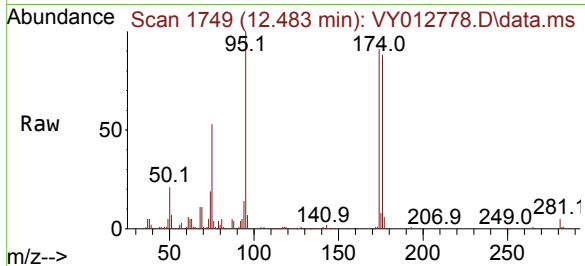




#81
trans-1,4-Dichloro-2-butene
Concen: 101.876 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY012778.D
Acq: 02 Mar 2023 22:40

Instrument :
MSVOA_Y
ClientSampleId :
CE-33-030123

Tgt Ion: 75 Resp: 32885
Ion Ratio Lower Upper
75 100
53 0.2 73.4 110.0#
89 0.0 36.6 55.0#



#95
Naphthalene
Concen: 7.173 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY012778.D
Acq: 02 Mar 2023 22:40

Tgt Ion: 128 Resp: 14880
Ion Ratio Lower Upper
128 100
127 14.3 10.3 15.5
129 11.4 8.6 13.0

