

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031623\
 Data File : VY012967.D
 Acq On : 16 Mar 2023 13:42
 Operator : KP/MD
 Sample : 01944-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MC-1

Quant Time: Mar 17 01:35:11 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)

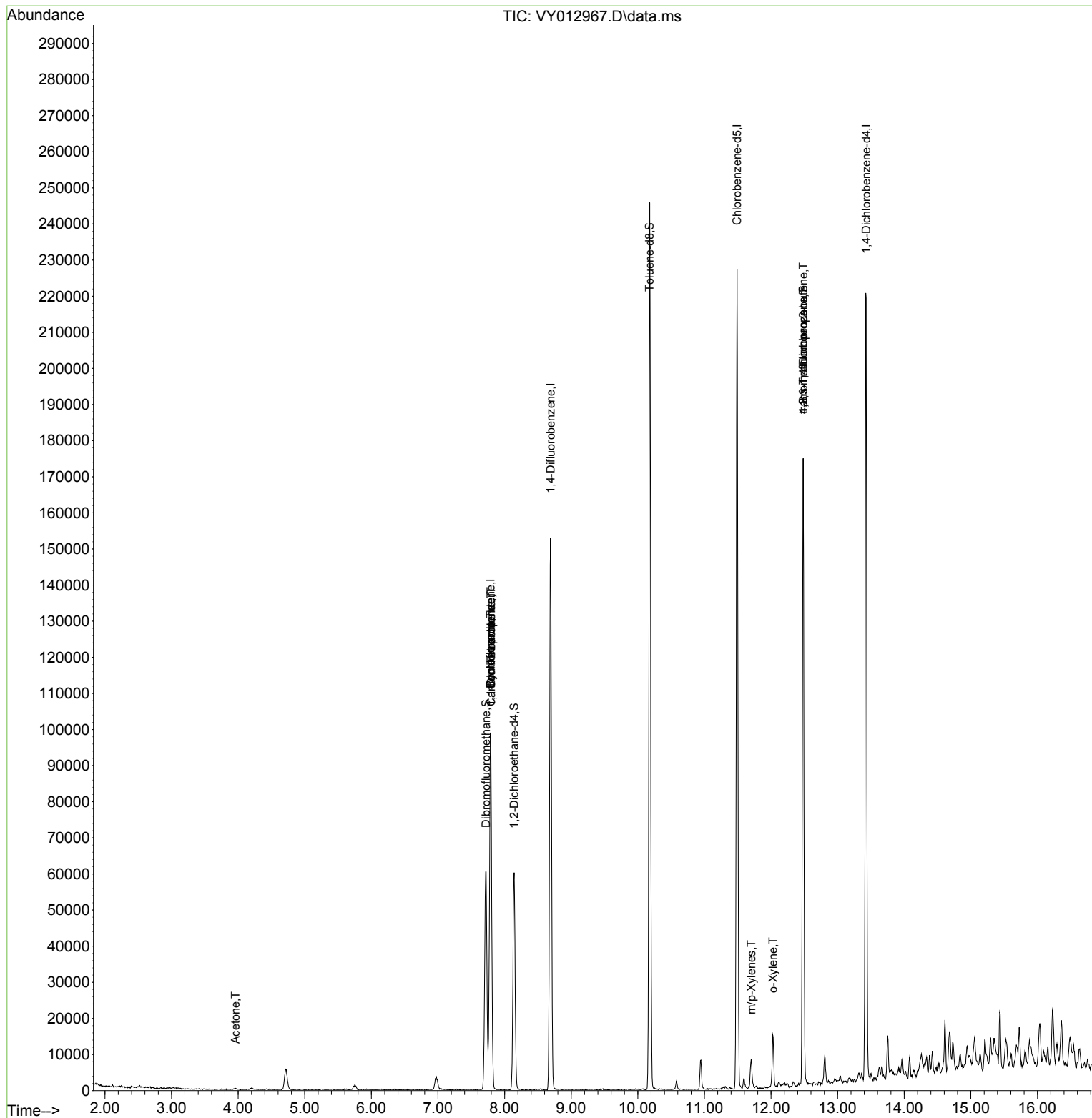
Internal Standards						
1) Pentafluorobenzene	7.789	168	77226	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	128584	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	118005	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	55862	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	47176	61.527	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.060%	
35) Dibromofluoromethane	7.722	113	43098	55.538	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.080%	
50) Toluene-d8	10.179	98	155073	54.663	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.320%	
62) 4-Bromofluorobenzene	12.483	95	51257	53.531	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.060%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	31	Below Cal	#	74
16) Acetone	3.960	43	525	1.744	ug/l #	84
20) Methylene Chloride	4.716	84	4211	Below Cal		93
31) Cyclohexane	7.789	56	1697	1.156	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	6049	4.652	ug/l #	51
38) Carbon Tetrachloride	7.795	117	7804	5.811	ug/l #	17
68) m/p-Xylenes	11.703	106	2194	1.310	ug/l	90
69) o-Xylene	12.032	106	3657	2.339	ug/l	94
76) 1,2,3-Trichloropropane	12.483	75	26639	39.934	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	26639	82.744	ug/l #	13

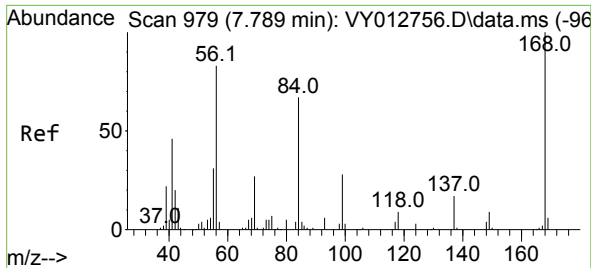
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031623\
Data File : VY012967.D
Acq On : 16 Mar 2023 13:42
Operator : KP/MD
Sample : 01944-01
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MC-1

Quant Time: Mar 17 01:35:11 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

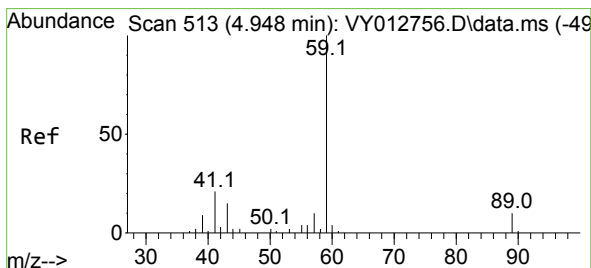
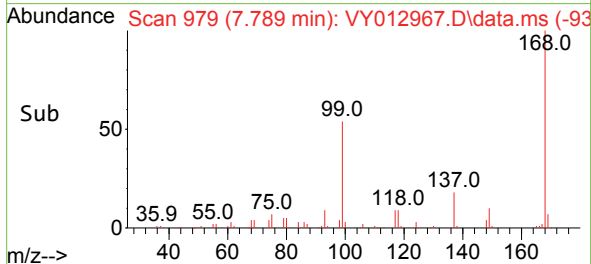
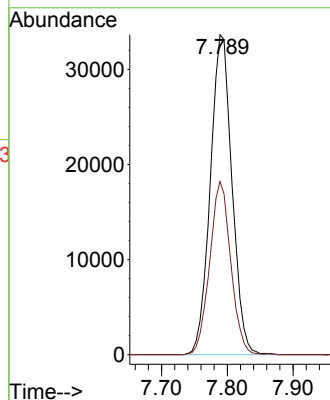
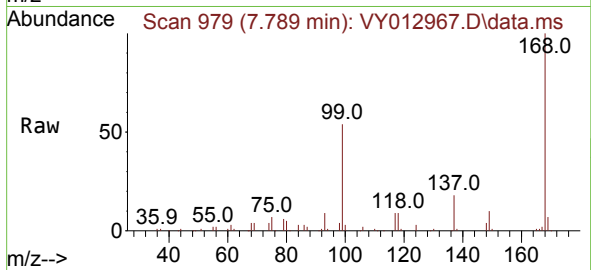




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012967.D
Acq: 16 Mar 2023 13:42

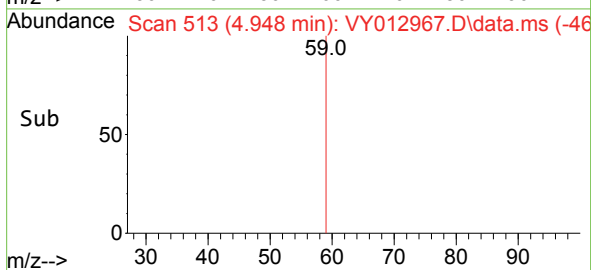
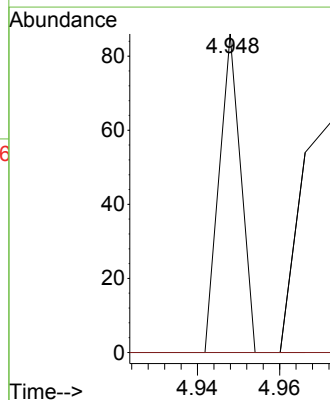
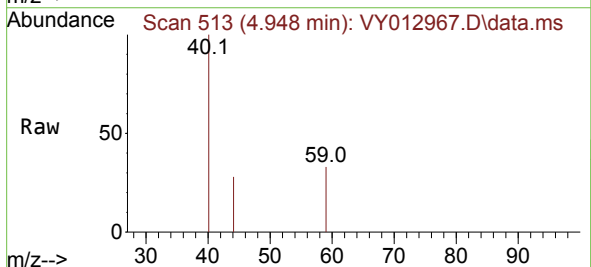
Instrument :
MSVOA_Y
ClientSampleId :
MC-1

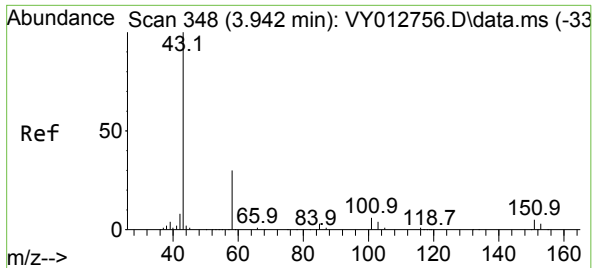
Tgt Ion:168 Resp: 77226
Ion Ratio Lower Upper
168 100
99 54.1 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY012967.D
Acq: 16 Mar 2023 13:42

Tgt Ion: 59 Resp: 31
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#





#16

Acetone

Concen: 1.744 ug/l

RT: 3.960 min Scan# 3

Delta R.T. 0.018 min

Lab File: VY012967.D

Acq: 16 Mar 2023 13:42

Instrument :

MSVOA_Y

ClientSampleId :

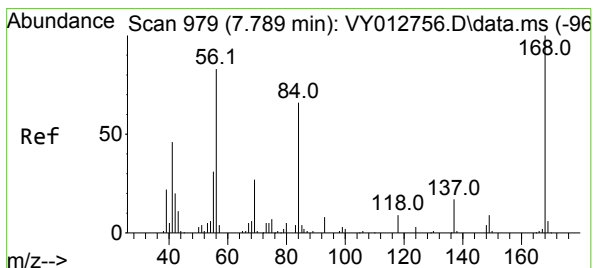
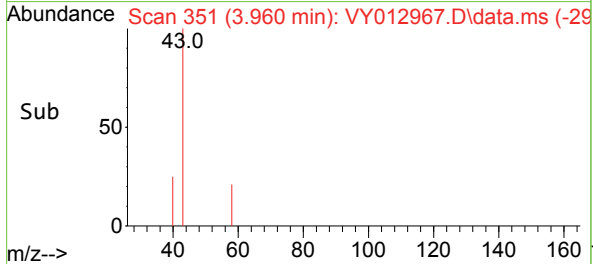
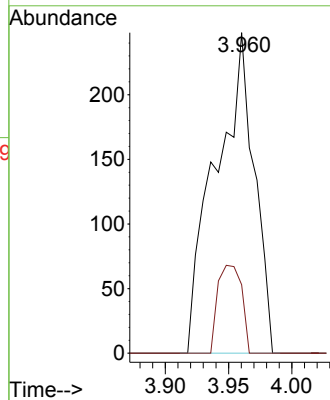
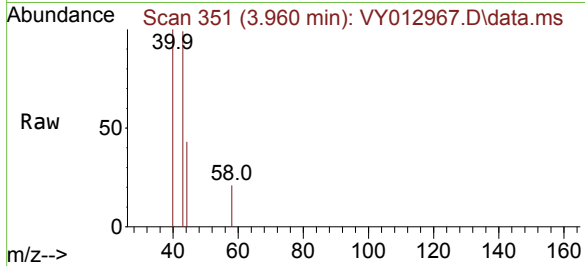
MC-1

Tgt Ion: 43 Resp: 525

Ion Ratio Lower Upper

43 100

58 21.4 24.2 36.2#



#31

Cyclohexane

Concen: 1.156 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.000 min

Lab File: VY012967.D

Acq: 16 Mar 2023 13:42

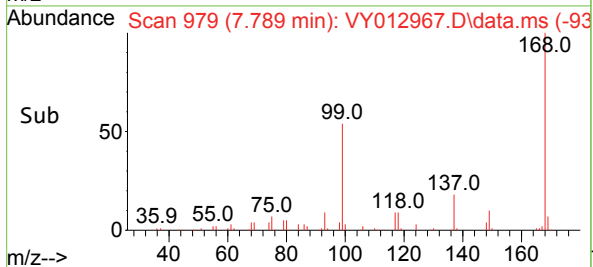
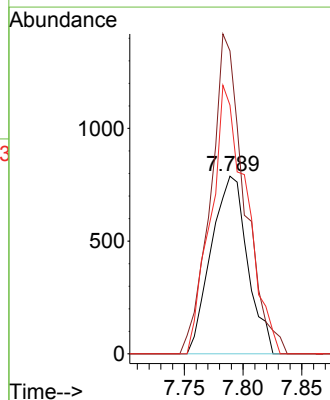
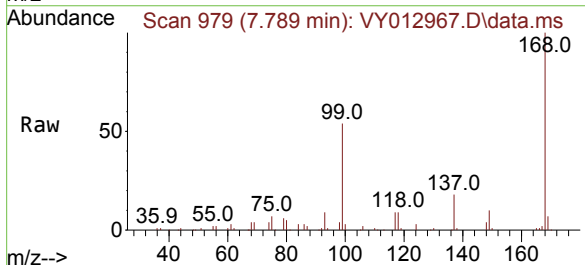
Tgt Ion: 56 Resp: 1697

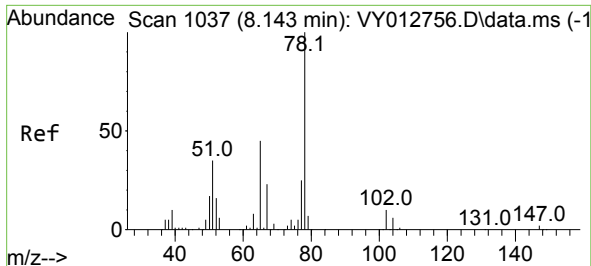
Ion Ratio Lower Upper

56 100

69 170.6 25.7 38.5#

84 140.0 64.3 96.5#

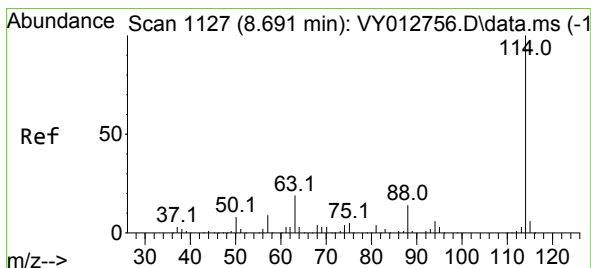
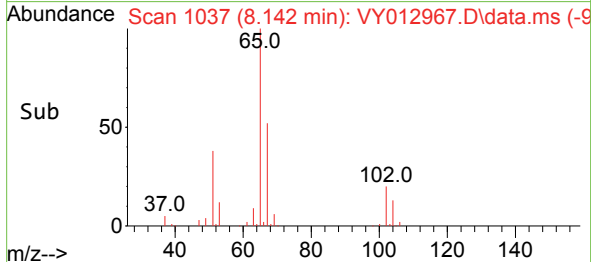
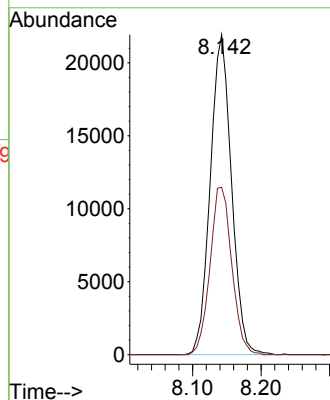
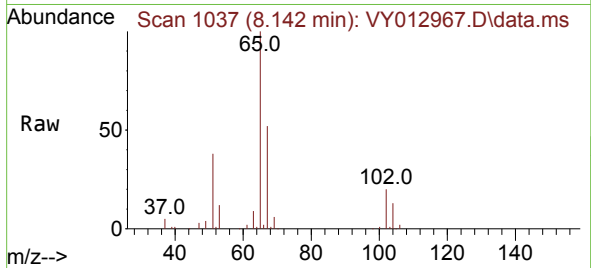




#33
 1,2-Dichloroethane-d4
 Concen: 61.527 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. -0.001 min
 Lab File: VY012967.D
 Acq: 16 Mar 2023 13:42

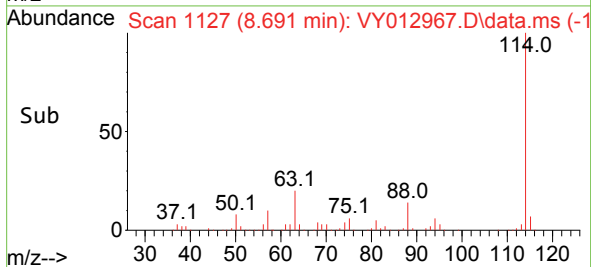
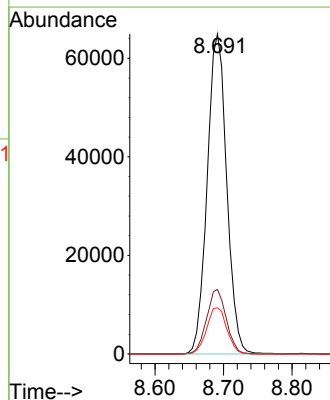
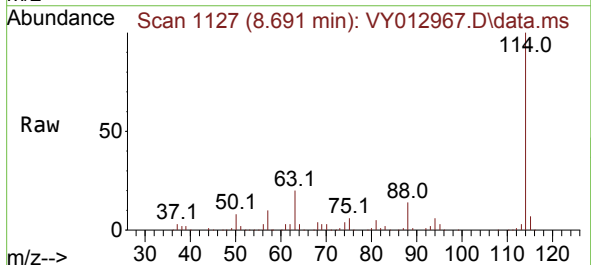
Instrument :
 MSVOA_Y
 ClientSampleId :
 MC-1

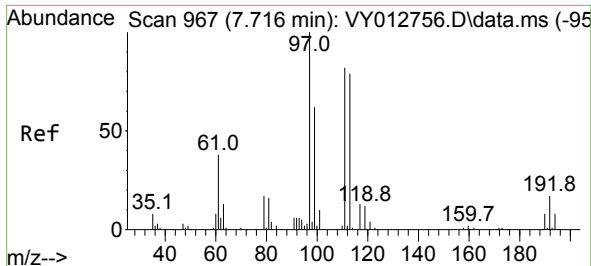
Tgt Ion: 65 Resp: 47176
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VY012967.D
 Acq: 16 Mar 2023 13:42

Tgt Ion: 114 Resp: 128584
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 37.4
 88 14.4 0.0 28.6

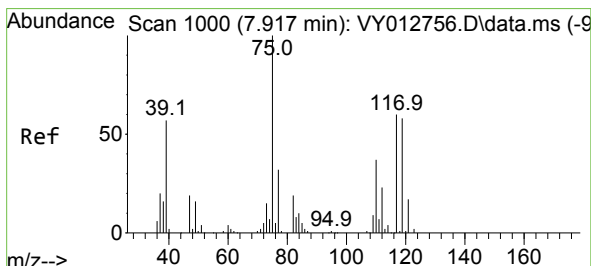
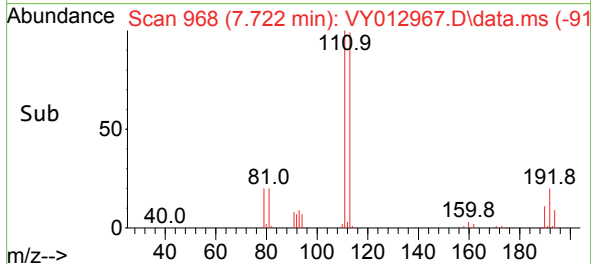
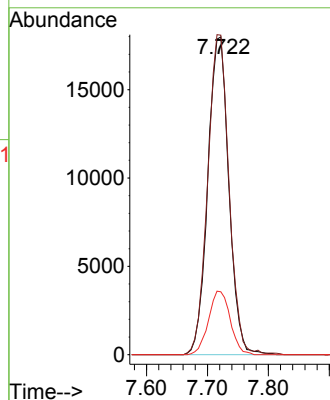
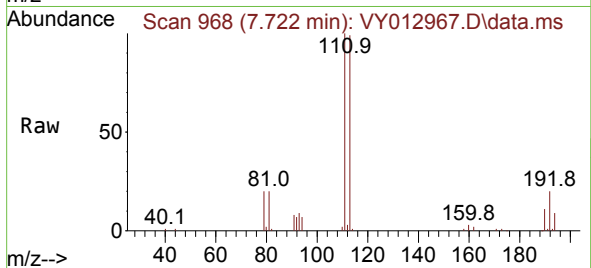




#35
Dibromofluoromethane
Concen: 55.538 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012967.D
Acq: 16 Mar 2023 13:42

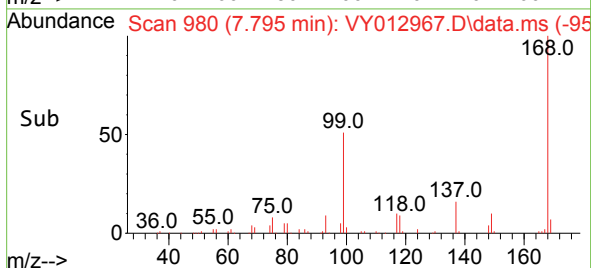
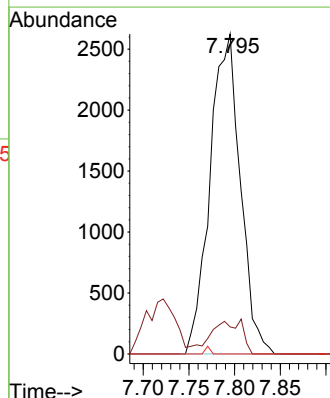
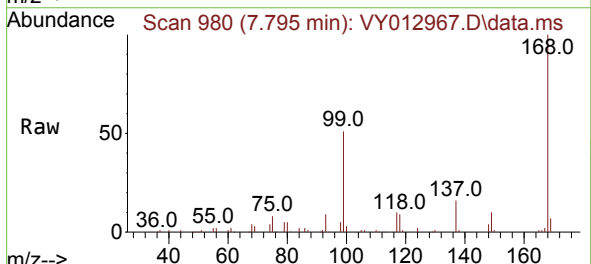
Instrument :
MSVOA_Y
ClientSampleId :
MC-1

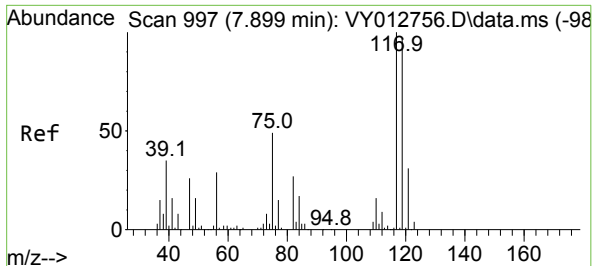
Tgt Ion:113 Resp: 43098
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.2
192 20.7 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.652 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.122 min
Lab File: VY012967.D
Acq: 16 Mar 2023 13:42

Tgt Ion: 75 Resp: 6049
Ion Ratio Lower Upper
75 100
110 10.7 17.8 53.3#
77 0.0 25.0 37.4#

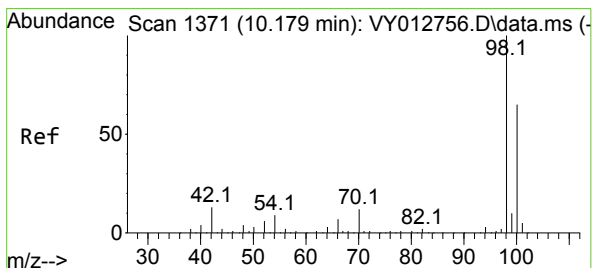
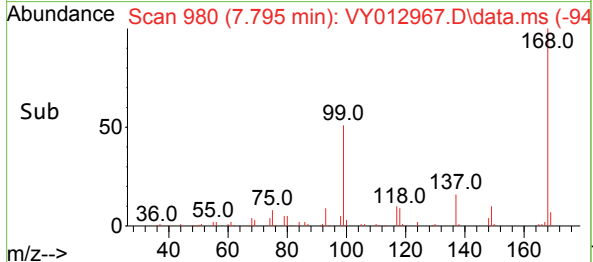
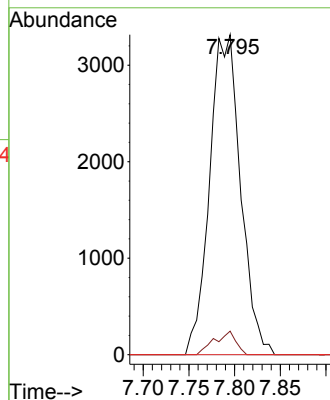
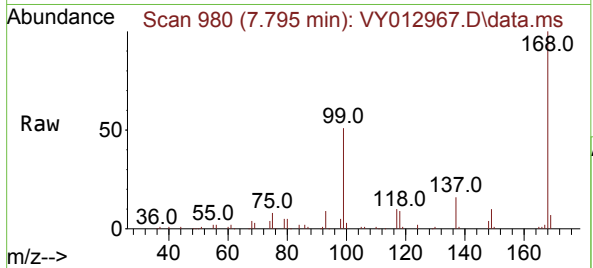




#38
Carbon Tetrachloride
Concen: 5.811 ug/l
RT: 7.795 min Scan# 997
Delta R.T. -0.104 min
Lab File: VY012967.D
Acq: 16 Mar 2023 13:42

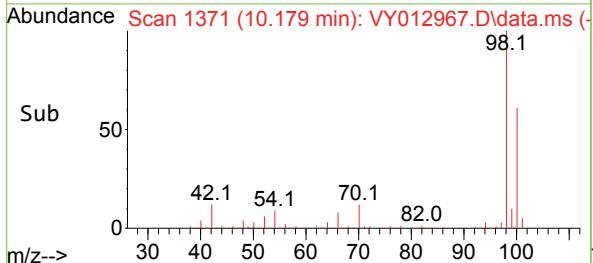
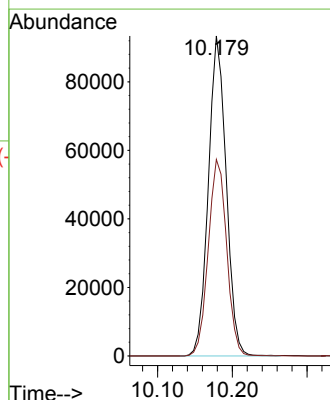
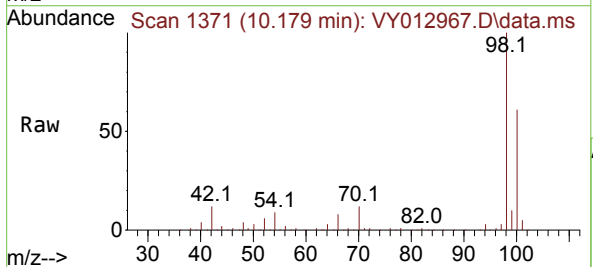
Instrument :
MSVOA_Y
ClientSampleId :
MC-1

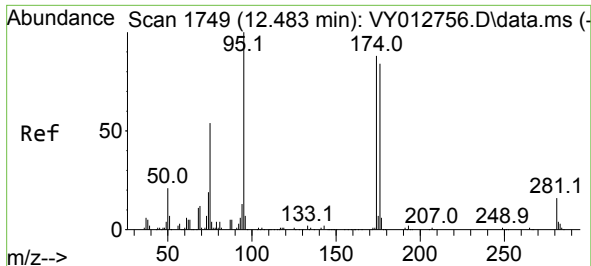
Tgt Ion:117 Resp: 7804
Ion Ratio Lower Upper
117 100
119 7.4 77.2 115.8#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 54.663 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012967.D
Acq: 16 Mar 2023 13:42

Tgt Ion: 98 Resp: 155073
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3

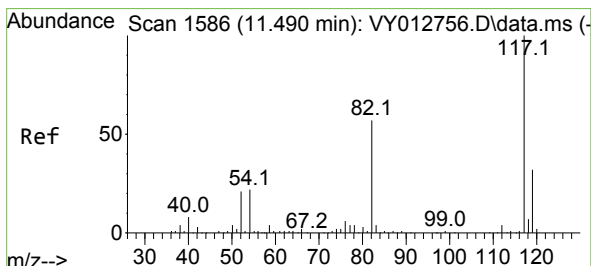
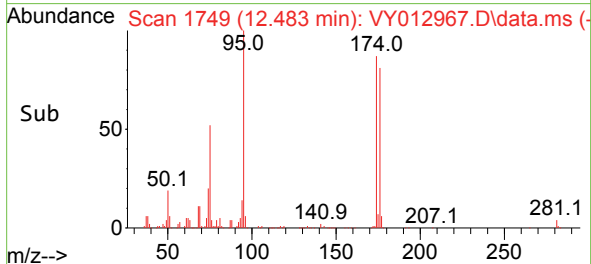
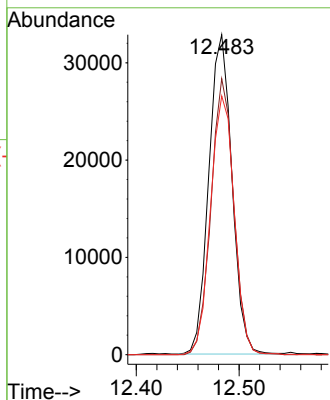
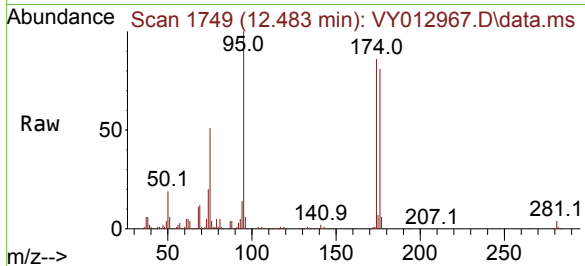




#62
4-Bromofluorobenzene
Concen: 53.531 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012967.D
Acq: 16 Mar 2023 13:42

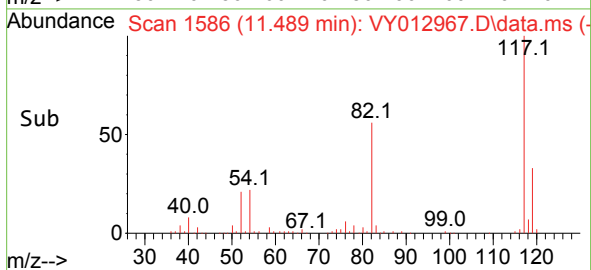
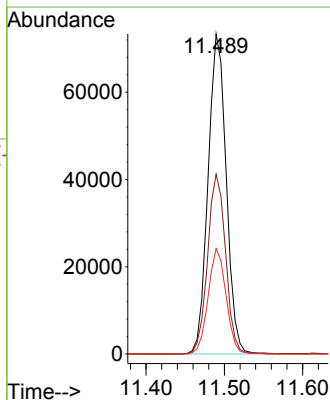
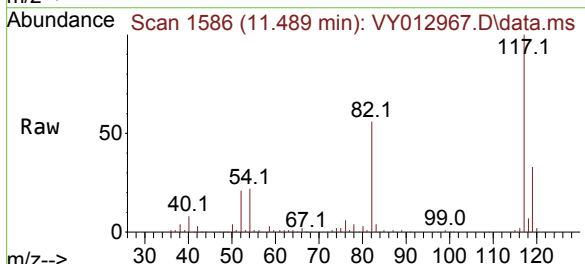
Instrument :
MSVOA_Y
ClientSampleId :
MC-1

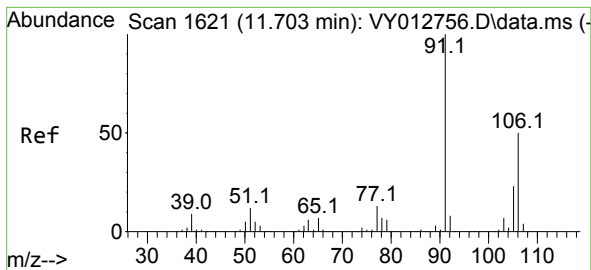
Tgt Ion: 95 Resp: 51257
Ion Ratio Lower Upper
95 100
174 85.0 0.0 176.6
176 83.2 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012967.D
Acq: 16 Mar 2023 13:42

Tgt Ion: 117 Resp: 118005
Ion Ratio Lower Upper
117 100
82 56.2 45.4 68.0
119 33.0 25.6 38.4





#68

m/p-Xylenes

Concen: 1.310 ug/l

RT: 11.703 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012967.D

Acq: 16 Mar 2023 13:42

Instrument :

MSVOA_Y

ClientSampleId :

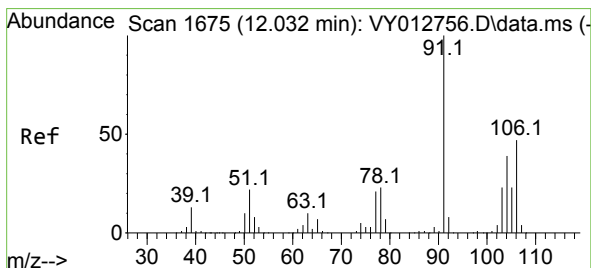
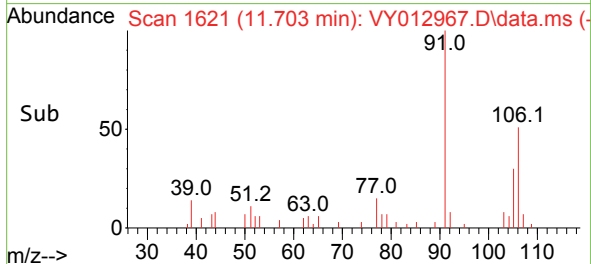
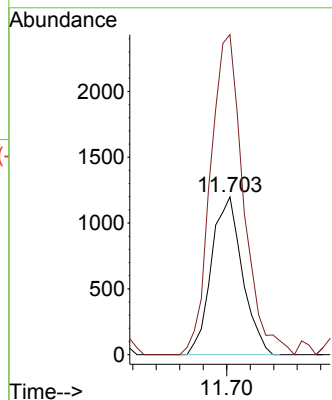
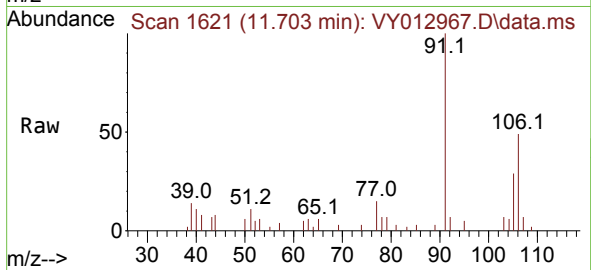
MC-1

Tgt Ion:106 Resp: 2194

Ion Ratio Lower Upper

106 100

91 215.6 159.8 239.8



#69

o-Xylene

Concen: 2.339 ug/l

RT: 12.032 min Scan# 1675

Delta R.T. -0.000 min

Lab File: VY012967.D

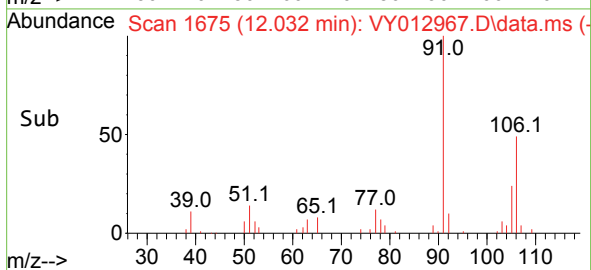
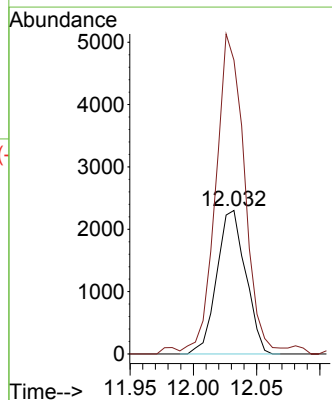
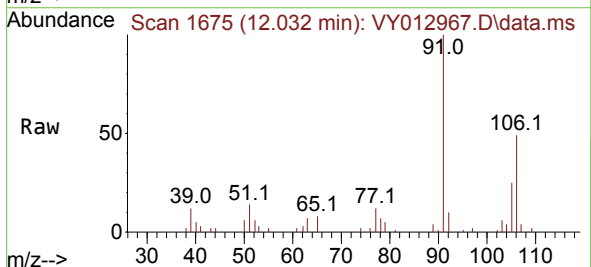
Acq: 16 Mar 2023 13:42

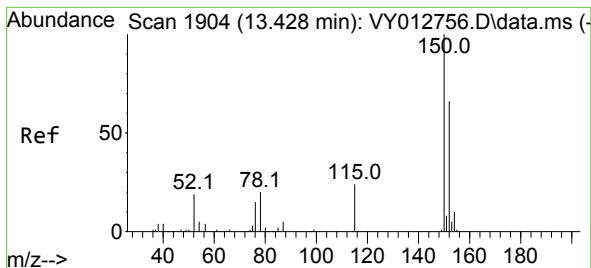
Tgt Ion:106 Resp: 3657

Ion Ratio Lower Upper

106 100

91 223.1 107.2 321.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY012967.D

Acq: 16 Mar 2023 13:42

Instrument :

MSVOA_Y

ClientSampleId :

MC-1

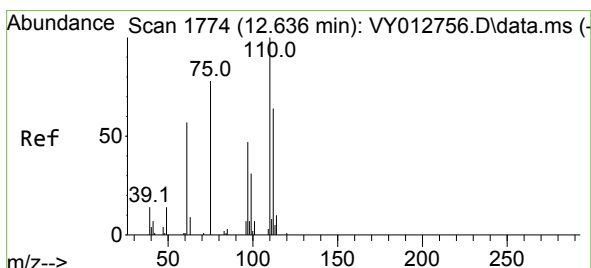
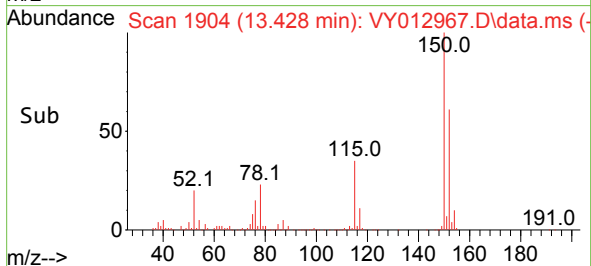
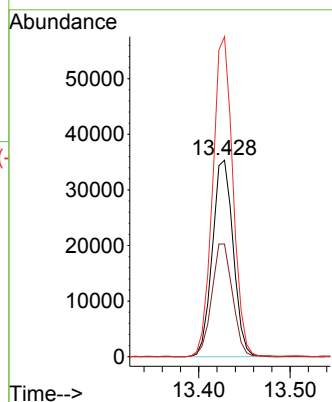
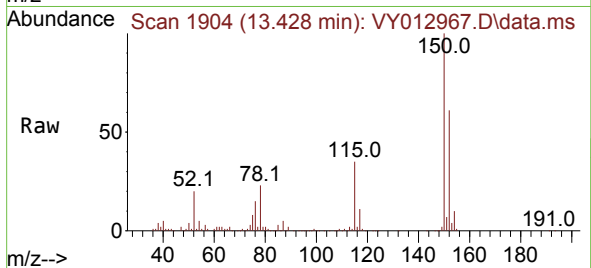
Tgt Ion:152 Resp: 55862

Ion Ratio Lower Upper

152 100

115 57.5 27.1 81.3

150 158.3 0.0 347.8



#76

1,2,3-Trichloropropane

Concen: 39.934 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.153 min

Lab File: VY012967.D

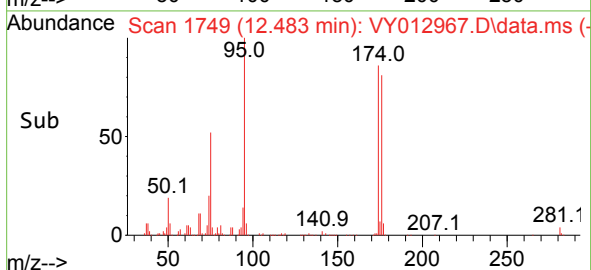
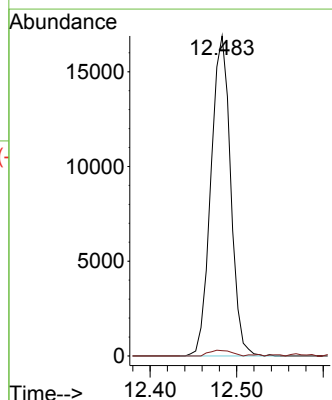
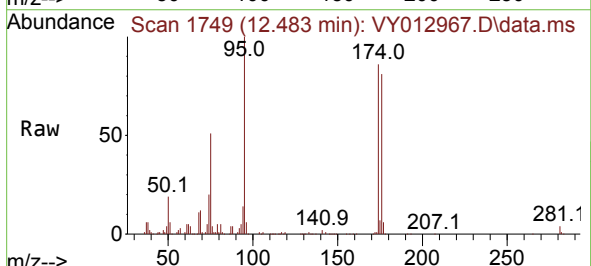
Acq: 16 Mar 2023 13:42

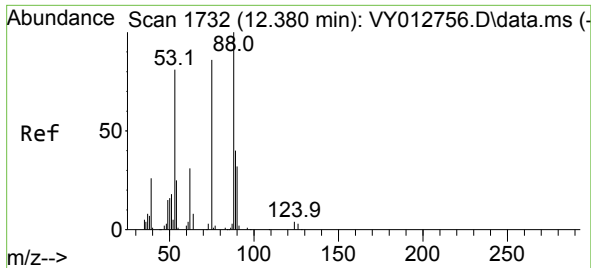
Tgt Ion: 75 Resp: 26639

Ion Ratio Lower Upper

75 100

77 2.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.744 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY012967.D
 Acq: 16 Mar 2023 13:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 MC-1

Tgt Ion: 75 Resp: 26639
 Ion Ratio Lower Upper
 75 100
 53 0.2 73.4 110.0#
 89 0.0 36.6 55.0#

