

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031623\
 Data File : VY012961.D
 Acq On : 16 Mar 2023 11:22
 Operator : KP/MD
 Sample : VY0316SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0316SBL01

Quant Time: Mar 17 01:32:26 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)

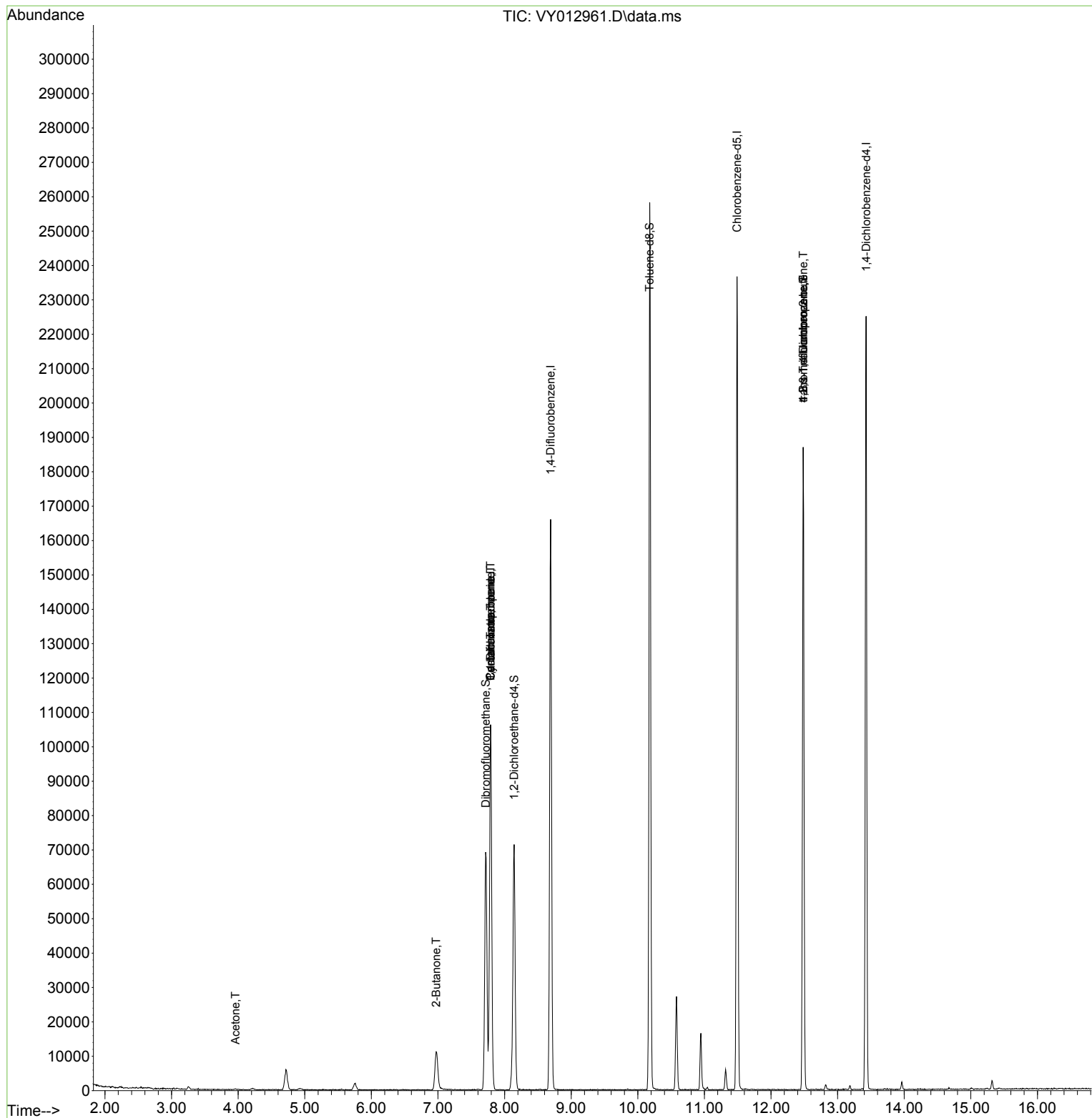
Internal Standards						
1) Pentafluorobenzene	7.789	168	83042	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	140168	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	128541	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	57745	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	52078	63.163	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163		Recovery	= 126.320%	
35) Dibromofluoromethane	7.716	113	48114	56.878	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147		Recovery	= 113.760%	
50) Toluene-d8	10.179	98	168176	54.382	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140		Recovery	= 108.760%	
62) 4-Bromofluorobenzene	12.483	95	50488	48.370	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144		Recovery	= 96.740%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.942	59	452	Below Cal	#	74
16) Acetone	3.960	43	441	1.363	ug/l #	44
20) Methylene Chloride	4.716	84	4140	Below Cal		91
25) 2-Butanone	6.972	43	463	1.155	ug/l #	49
31) Cyclohexane	7.789	56	1762	1.116	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	6320	4.458	ug/l #	50
38) Carbon Tetrachloride	7.789	117	7957	5.436	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	26833	38.913	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	26833	80.628	ug/l #	13

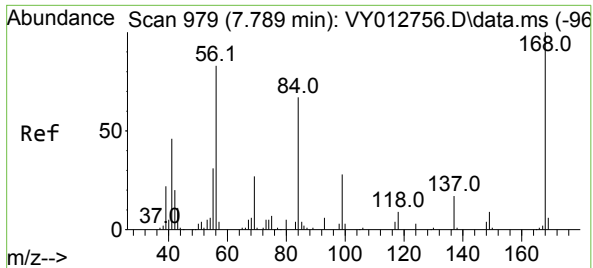
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031623\
Data File : VY012961.D
Acq On : 16 Mar 2023 11:22
Operator : KP/MD
Sample : VY0316SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0316SBL01

Quant Time: Mar 17 01:32:26 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

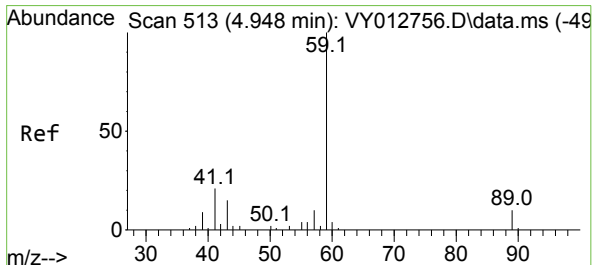
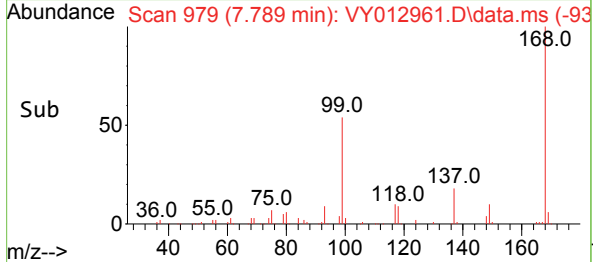
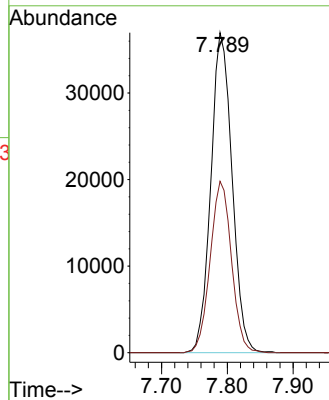
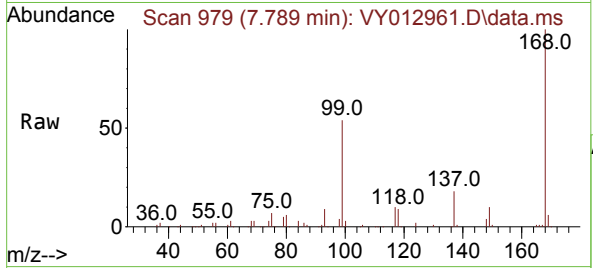




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012961.D
Acq: 16 Mar 2023 11:22

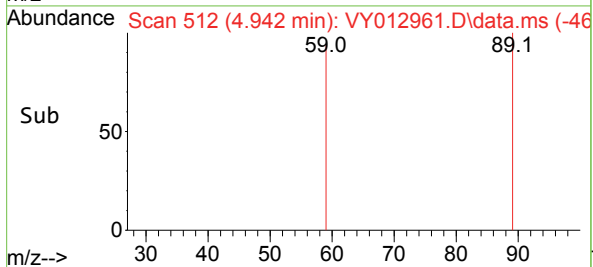
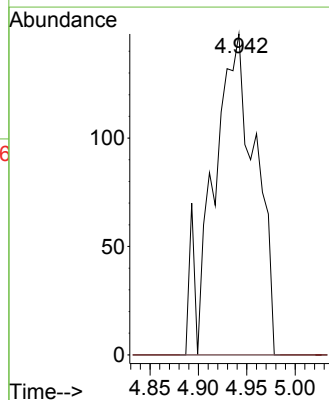
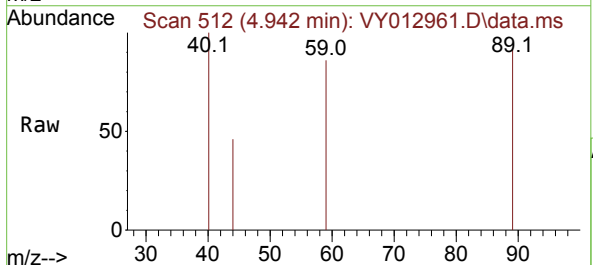
Instrument :
MSVOA_Y
ClientSampleId :
VY0316SBL01

Tgt Ion:168 Resp: 83042
Ion Ratio Lower Upper
168 100
99 53.6 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY012961.D
Acq: 16 Mar 2023 11:22

Tgt Ion: 59 Resp: 452
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

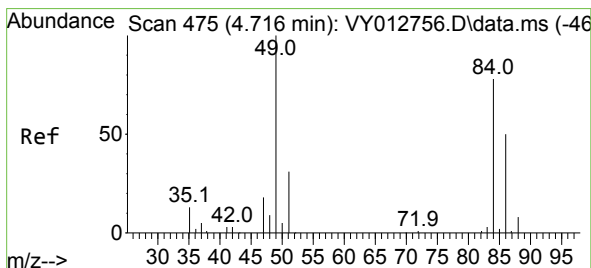
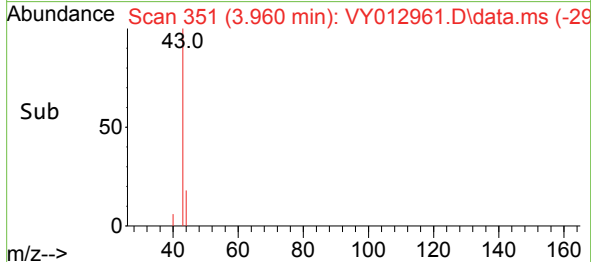
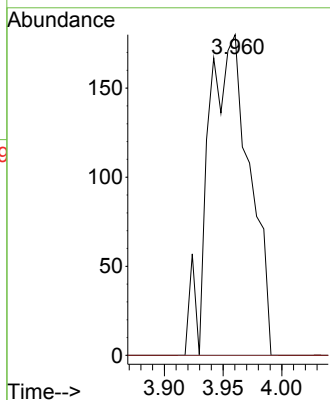
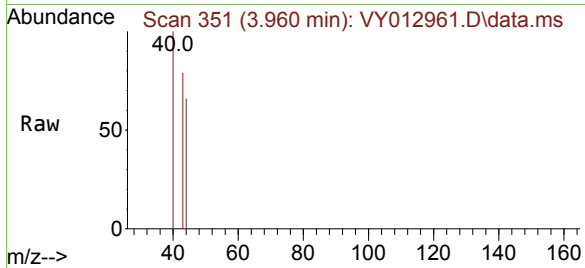




#16
Acetone
Concen: 1.363 ug/l
RT: 3.960 min Scan# 31
Delta R.T. 0.018 min
Lab File: VY012961.D
Acq: 16 Mar 2023 11:22

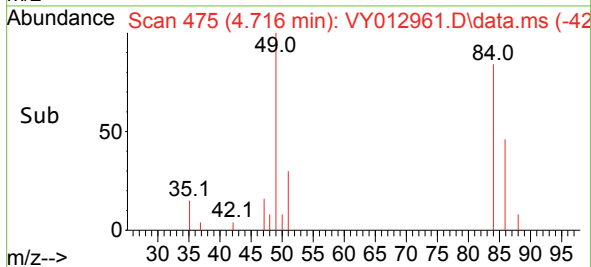
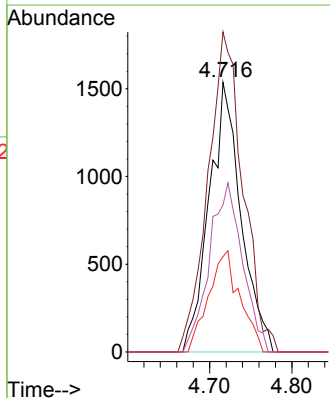
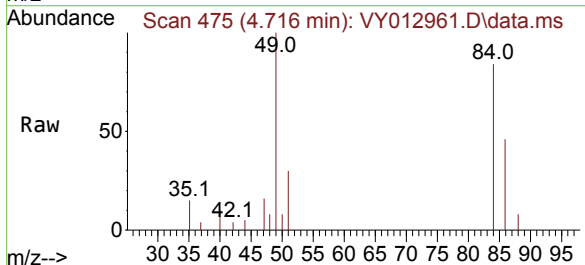
Instrument :
MSVOA_Y
ClientSampleId :
VY0316SBL01

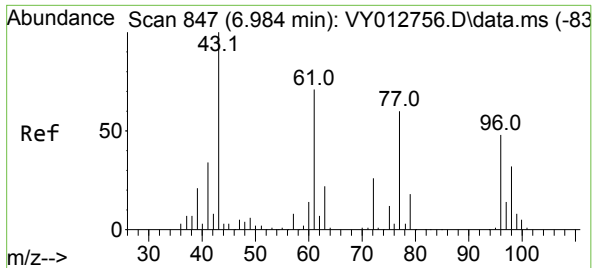
Tgt Ion: 43 Resp: 441
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012961.D
Acq: 16 Mar 2023 11:22

Tgt Ion: 84 Resp: 4140
Ion Ratio Lower Upper
84 100
49 118.7 102.6 154.0
51 35.3 31.9 47.9
86 54.5 51.0 76.6





#25

2-Butanone

Concen: 1.155 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY012961.D

Acq: 16 Mar 2023 11:22

Instrument :

MSVOA_Y

ClientSampleId :

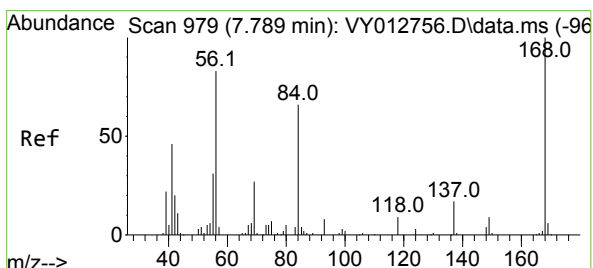
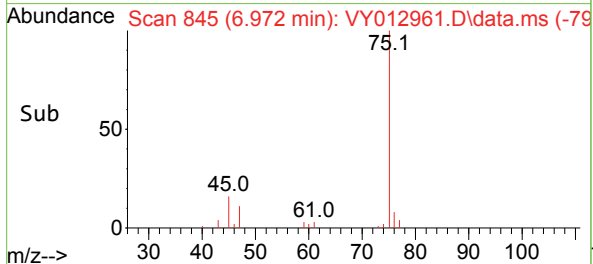
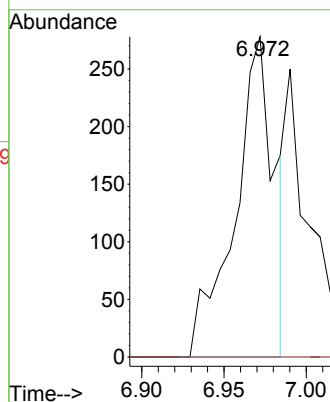
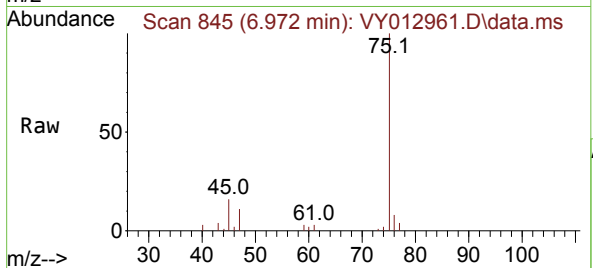
VY0316SBL01

Tgt Ion: 43 Resp: 463

Ion Ratio Lower Upper

43 100

72 0.0 21.0 31.4#



#31

Cyclohexane

Concen: 1.116 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.000 min

Lab File: VY012961.D

Acq: 16 Mar 2023 11:22

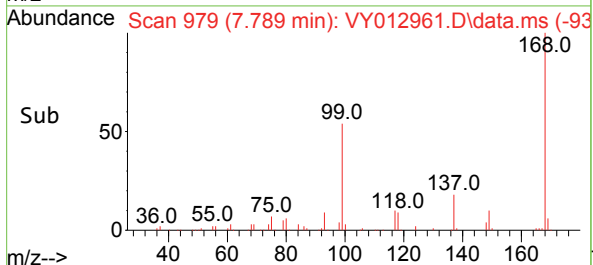
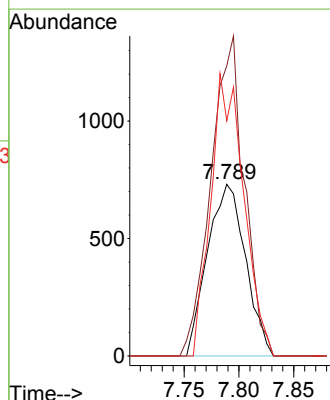
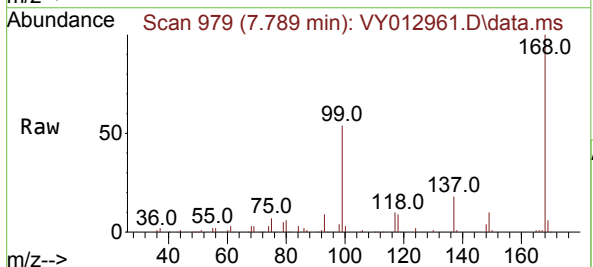
Tgt Ion: 56 Resp: 1762

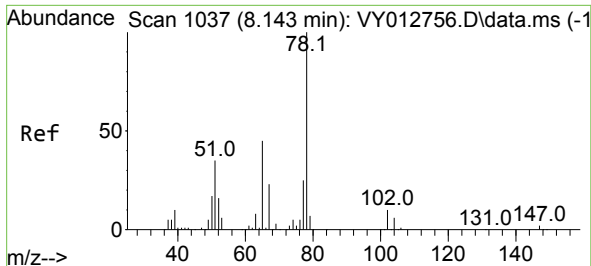
Ion Ratio Lower Upper

56 100

69 168.9 25.7 38.5#

84 136.9 64.3 96.5#





#33

1,2-Dichloroethane-d4

Concen: 63.163 ug/l

RT: 8.142 min Scan# 110

Delta R.T. -0.001 min

Lab File: VY012961.D

Acq: 16 Mar 2023 11:22

Instrument :

MSVOA_Y

ClientSampleId :

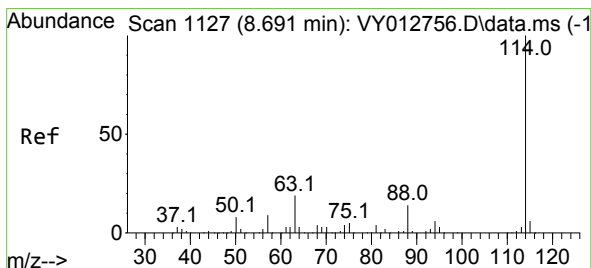
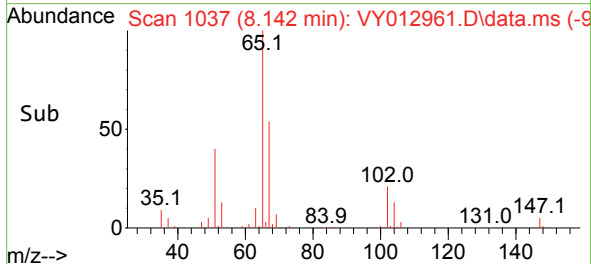
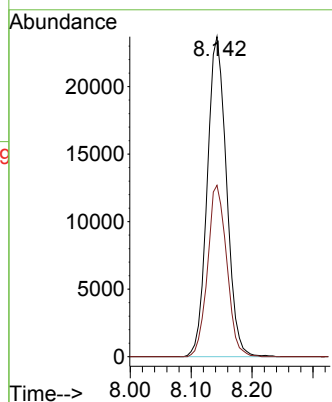
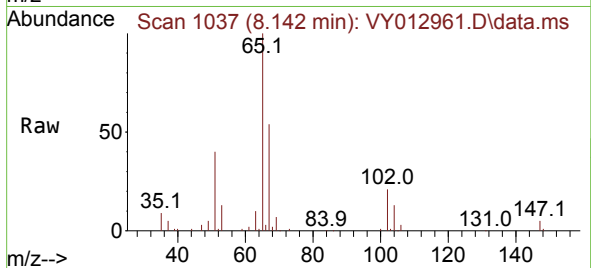
VY0316SBL01

Tgt Ion: 65 Resp: 52078

Ion Ratio Lower Upper

65 100

67 53.2 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: VY012961.D

Acq: 16 Mar 2023 11:22

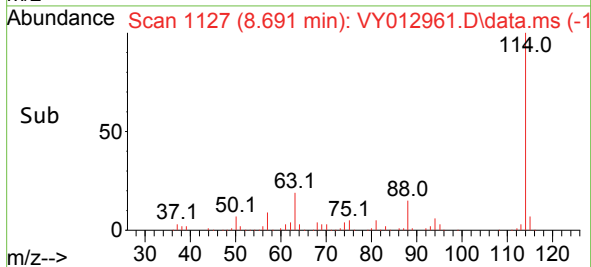
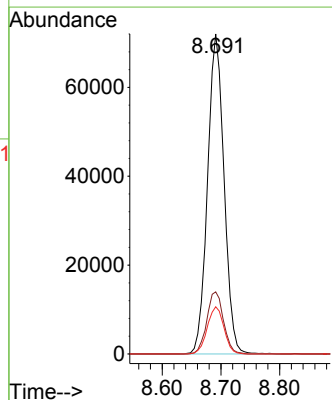
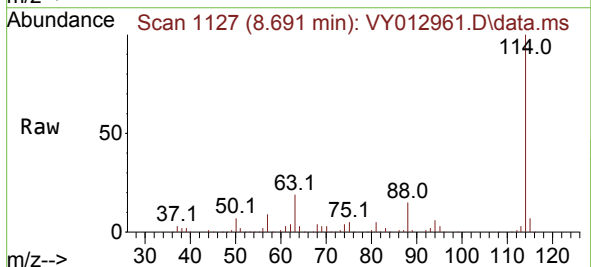
Tgt Ion: 114 Resp: 140168

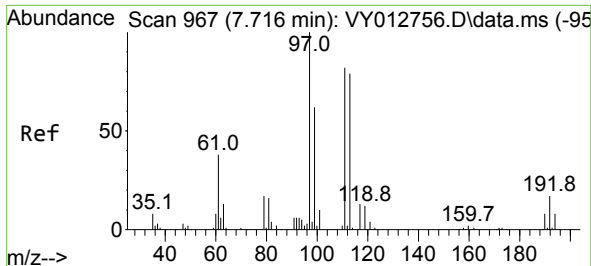
Ion Ratio Lower Upper

114 100

63 19.4 0.0 37.4

88 14.7 0.0 28.6





#35

Dibromofluoromethane

Concen: 56.878 ug/l

RT: 7.716 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY012961.D

Acq: 16 Mar 2023 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VY0316SBL01

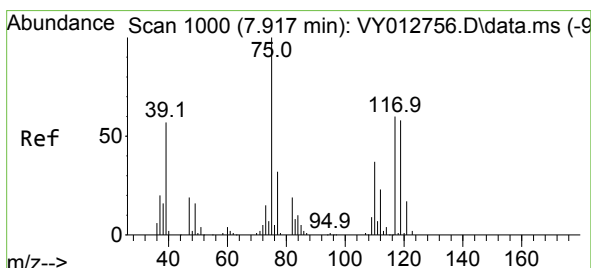
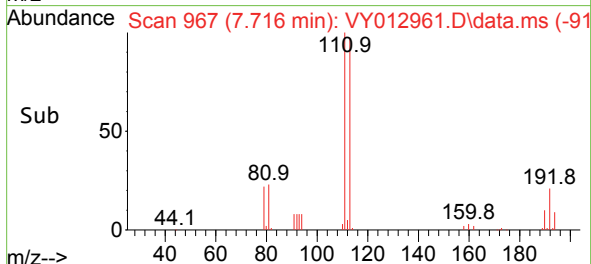
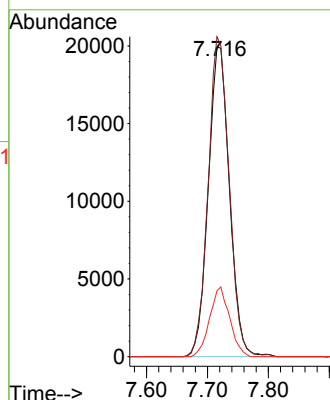
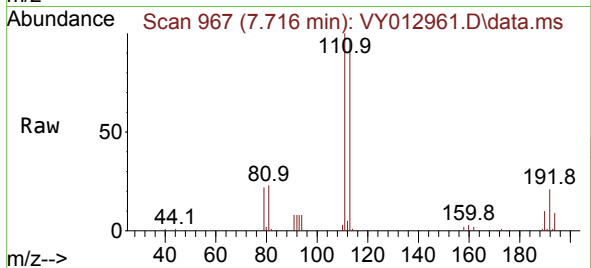
Tgt Ion:113 Resp: 48114

Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.2

192 21.3 16.8 25.2



#36

1,1-Dichloropropene

Concen: 4.458 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.128 min

Lab File: VY012961.D

Acq: 16 Mar 2023 11:22

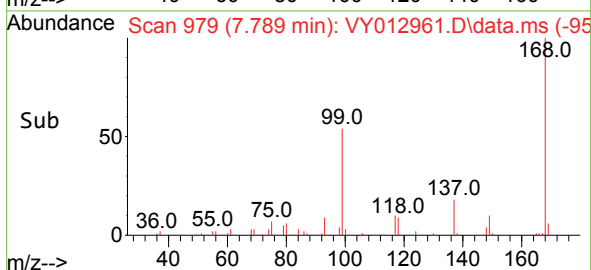
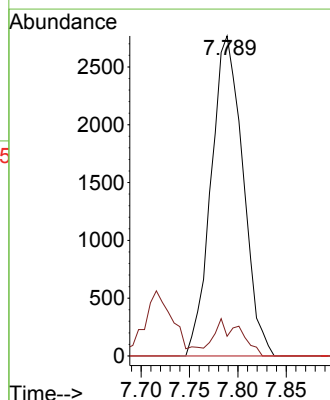
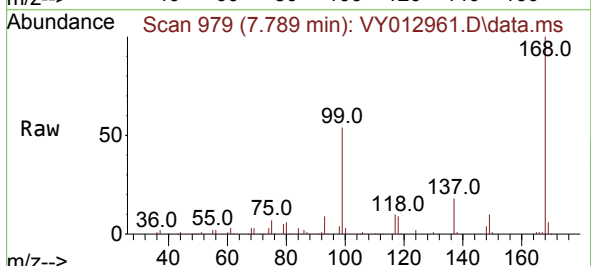
Tgt Ion: 75 Resp: 6320

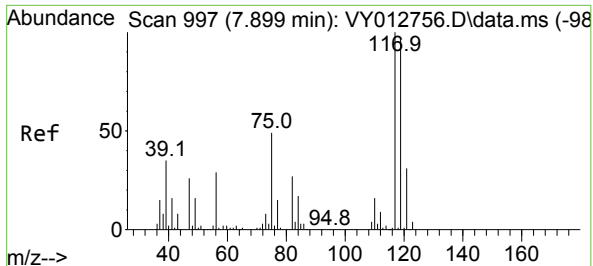
Ion Ratio Lower Upper

75 100

110 9.4 17.8 53.3#

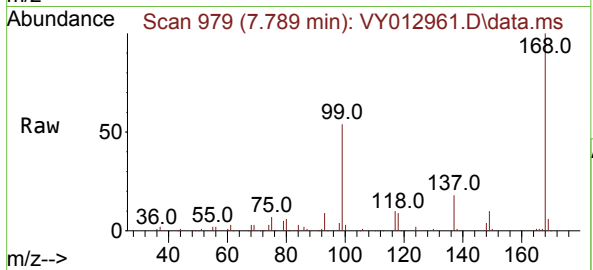
77 0.0 25.0 37.4#



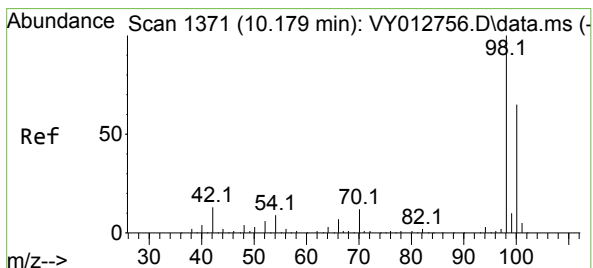
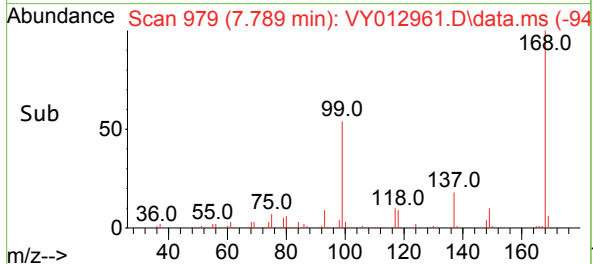
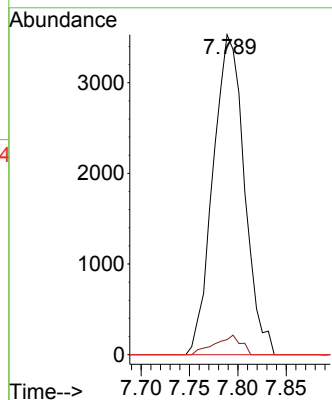


#38
Carbon Tetrachloride
Concen: 5.436 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY012961.D
Acq: 16 Mar 2023 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0316SBL01

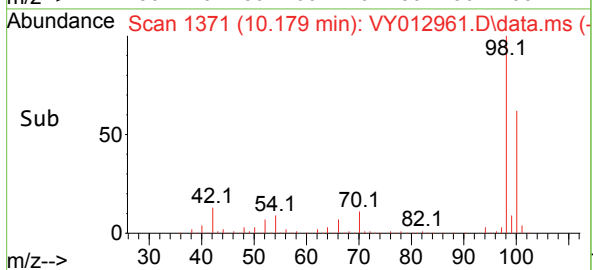
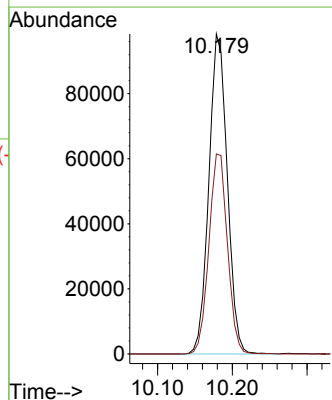
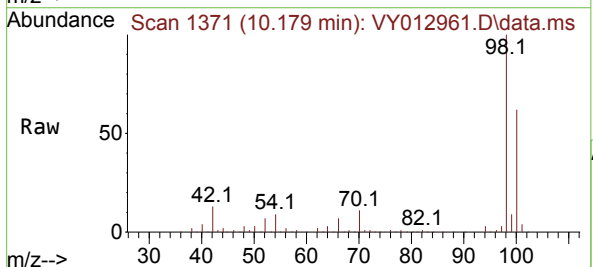


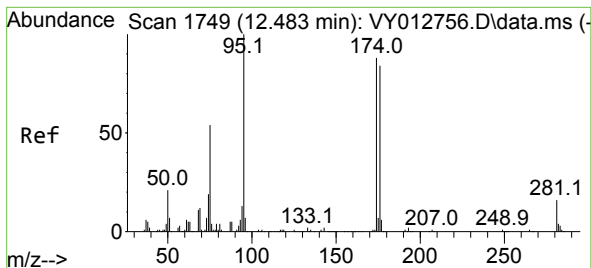
Tgt Ion:117 Resp: 7957
Ion Ratio Lower Upper
117 100
119 4.7 77.2 115.8#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 54.382 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012961.D
Acq: 16 Mar 2023 11:22

Tgt Ion: 98 Resp: 168176
Ion Ratio Lower Upper
98 100
100 63.0 50.9 76.3

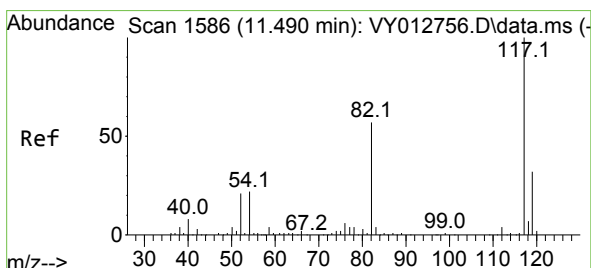
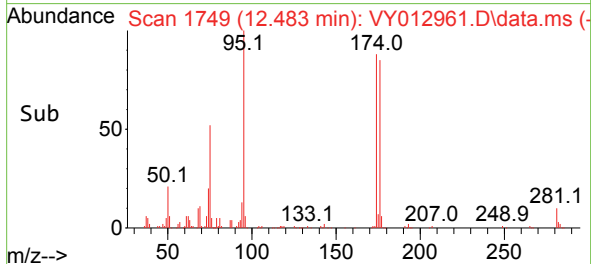
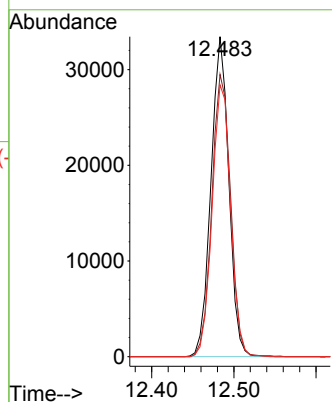
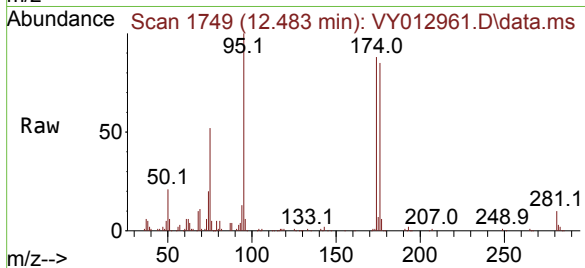




#62
4-Bromofluorobenzene
Concen: 48.370 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012961.D
Acq: 16 Mar 2023 11:22

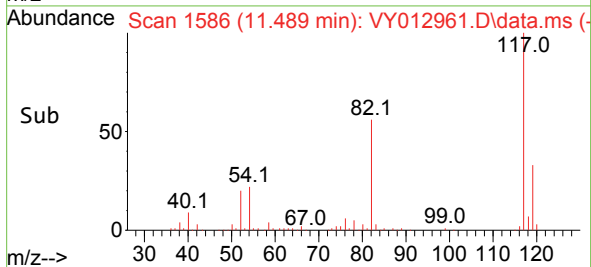
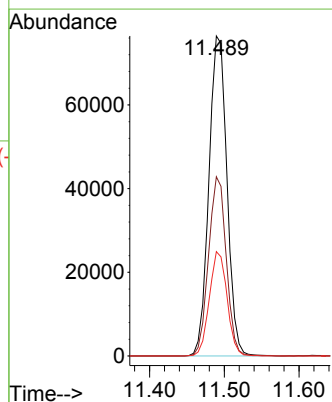
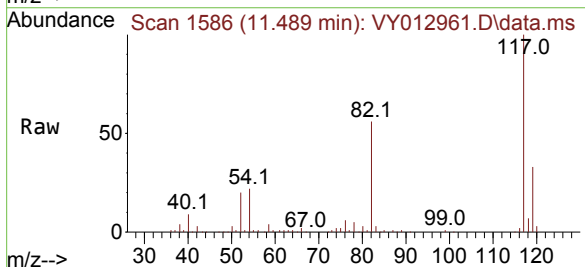
Instrument :
MSVOA_Y
ClientSampleId :
VY0316SBL01

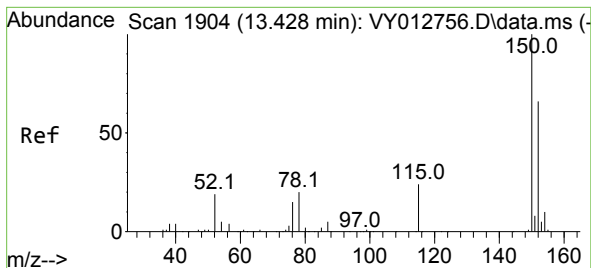
Tgt Ion: 95 Resp: 50488
Ion Ratio Lower Upper
95 100
174 92.5 0.0 176.6
176 87.9 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012961.D
Acq: 16 Mar 2023 11:22

Tgt Ion: 117 Resp: 128541
Ion Ratio Lower Upper
117 100
82 56.0 45.4 68.0
119 32.6 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: VY012961.D

Acq: 16 Mar 2023 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VY0316SBL01

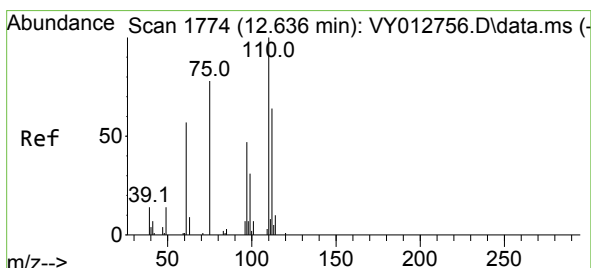
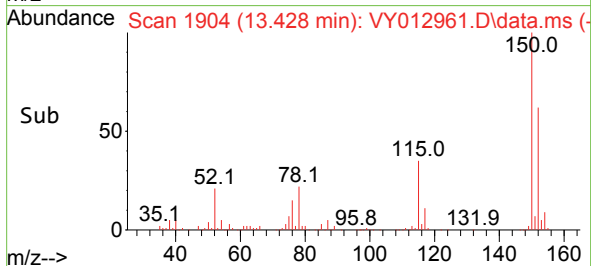
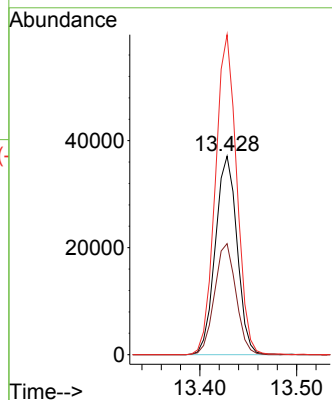
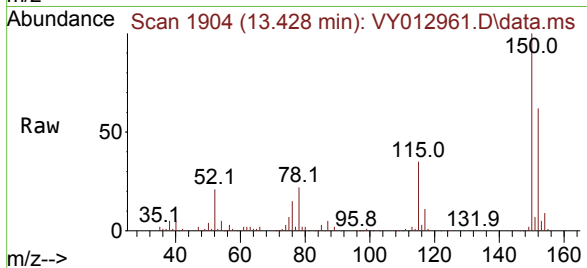
Tgt Ion:152 Resp: 57745

Ion Ratio Lower Upper

152 100

115 55.3 27.1 81.3

150 158.3 0.0 347.8



#76

1,2,3-Trichloropropane

Concen: 38.913 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.153 min

Lab File: VY012961.D

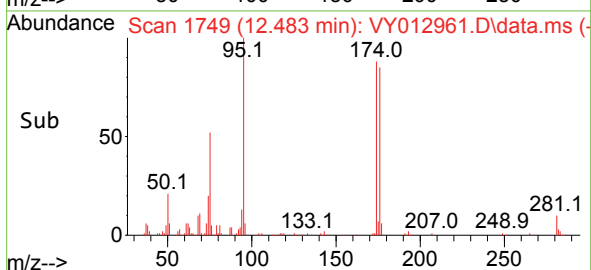
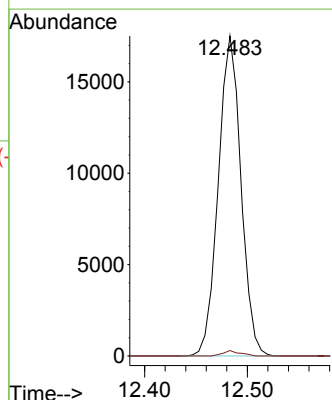
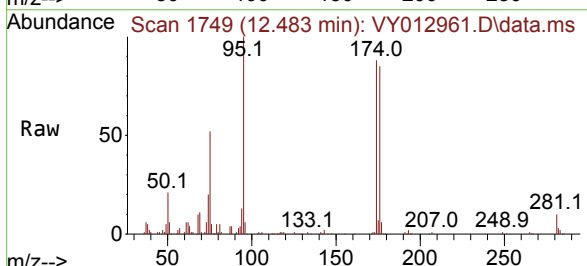
Acq: 16 Mar 2023 11:22

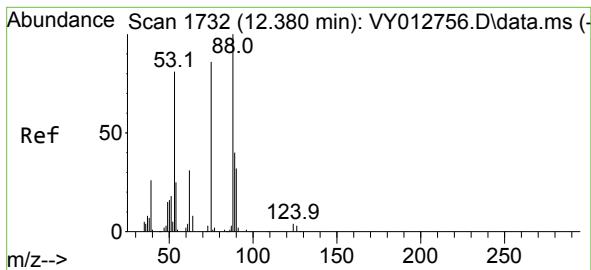
Tgt Ion: 75 Resp: 26833

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.628 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY012961.D
 Acq: 16 Mar 2023 11:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0316SBL01

Tgt Ion: 75 Resp: 26833
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.4 110.0#
 89 0.1 36.6 55.0#

