

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031523\
 Data File : VY012951.D
 Acq On : 15 Mar 2023 10:42
 Operator : KP/MD
 Sample : VY0315SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0315SBL01

Quant Time: Mar 16 00:16:56 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)

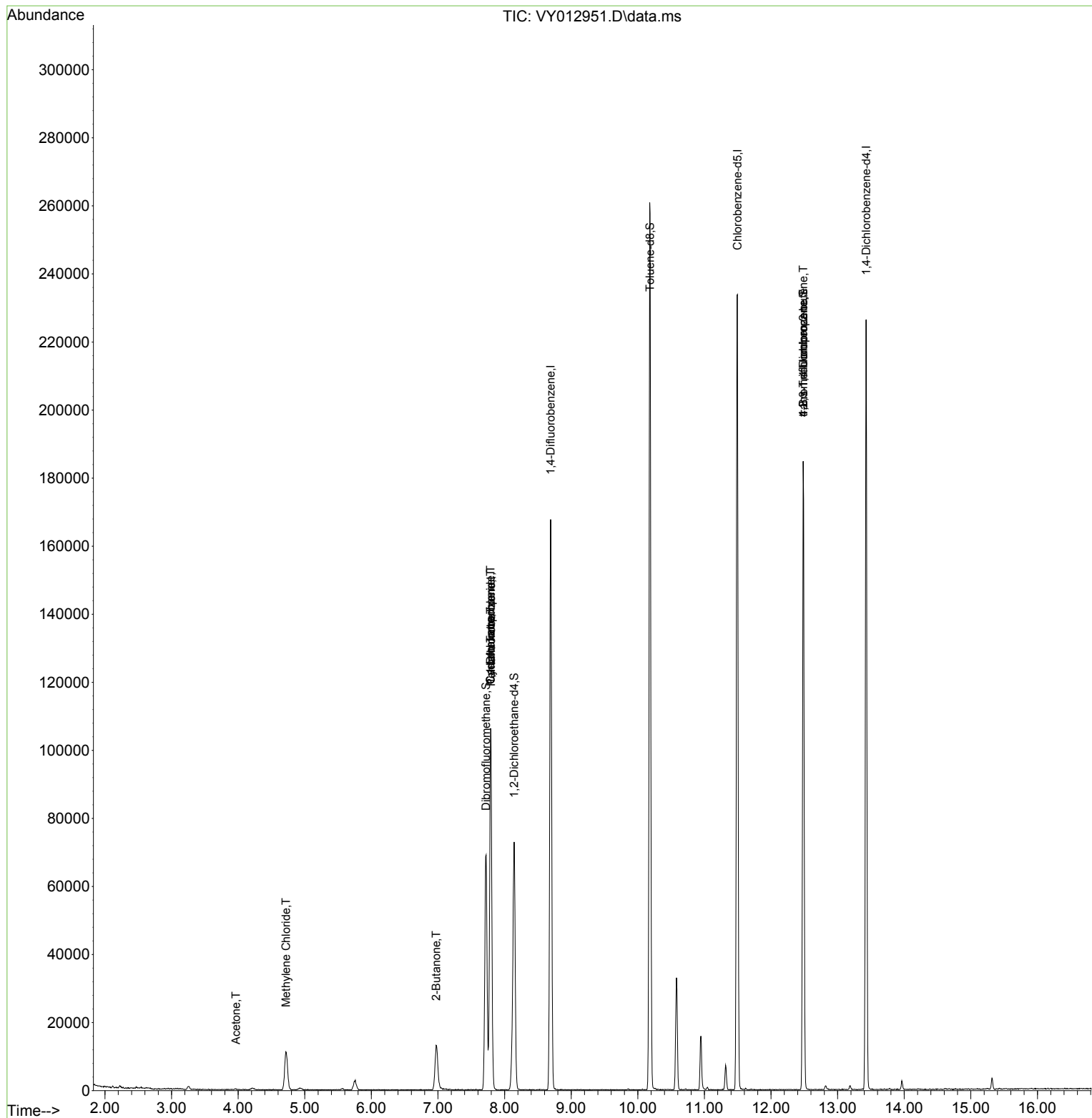
Internal Standards						
1) Pentafluorobenzene	7.795	168	83281	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	141006	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	130934	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	57323	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	53027	64.130	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 128.260%			
35) Dibromofluoromethane	7.722	113	48290	56.747	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.500%			
50) Toluene-d8	10.185	98	169746	54.564	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 109.120%			
62) 4-Bromofluorobenzene	12.483	95	50588	48.178	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 96.360%			
Target Compounds						
11) Tert butyl alcohol	4.929	59	366	Below Cal	#	74
16) Acetone	3.966	43	405	1.248	ug/l #	44
20) Methylene Chloride	4.716	84	8560	3.664	ug/l	94
25) 2-Butanone	6.972	43	858	2.134	ug/l #	49
31) Cyclohexane	7.789	56	1646	1.039	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	6401	4.489	ug/l #	49
38) Carbon Tetrachloride	7.789	117	8207	5.573	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	26867	39.249	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	26867	81.325	ug/l #	13

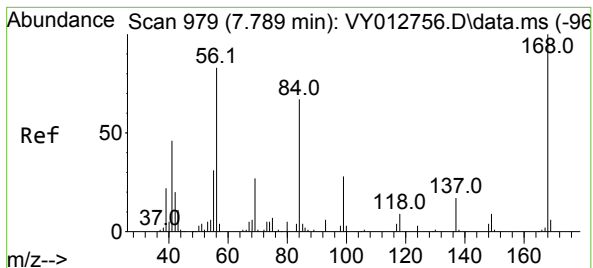
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031523\
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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0315SBL01

Quant Time: Mar 16 00:16:56 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: 7.795 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY012951.D

Acq: 15 Mar 2023 10:42

Instrument :

MSVOA_Y

ClientSampleId :

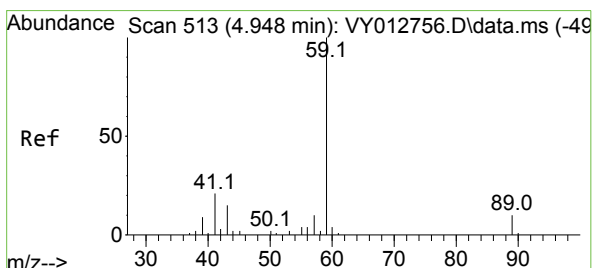
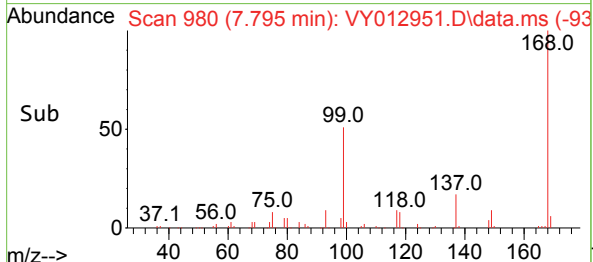
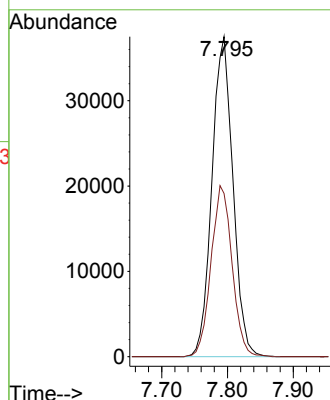
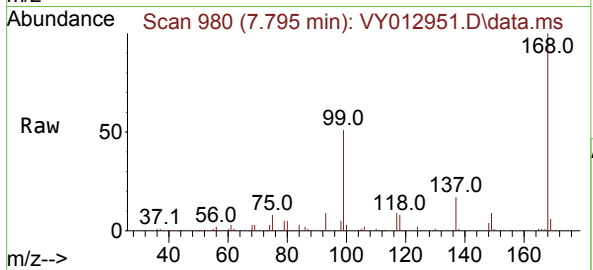
VY0315SBL01

Tgt Ion:168 Resp: 83281

Ion Ratio Lower Upper

168 100

99 51.0 41.7 62.5



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.929 min Scan# 510

Delta R.T. -0.019 min

Lab File: VY012951.D

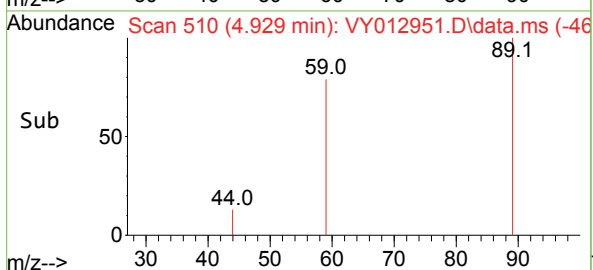
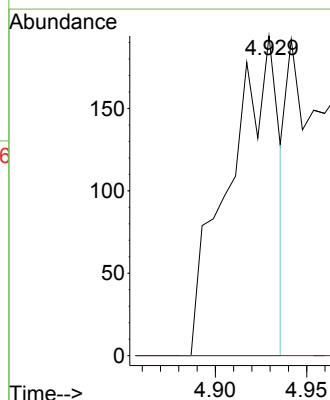
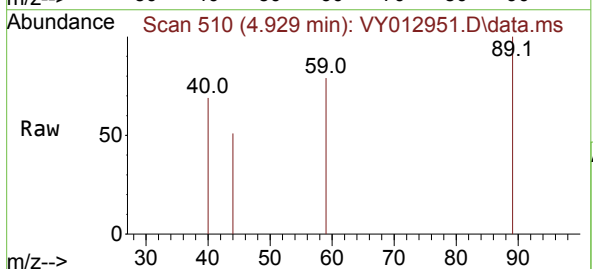
Acq: 15 Mar 2023 10:42

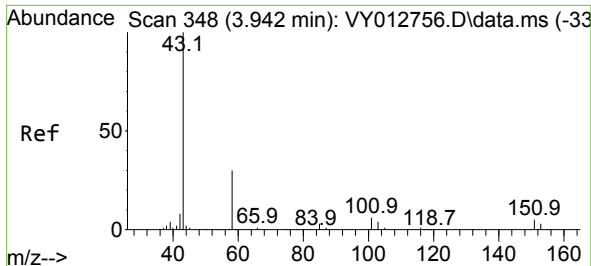
Tgt Ion: 59 Resp: 366

Ion Ratio Lower Upper

59 100

57 0.0 7.7 11.5#





#16

Acetone

Concen: 1.248 ug/l

RT: 3.966 min Scan# 3

Delta R.T. 0.024 min

Lab File: VY012951.D

Acq: 15 Mar 2023 10:42

Instrument :

MSVOA_Y

ClientSampleId :

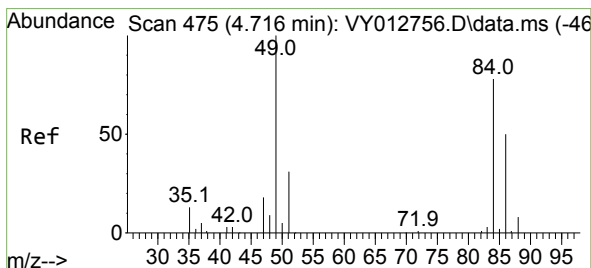
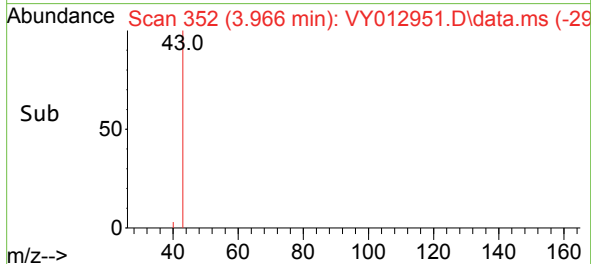
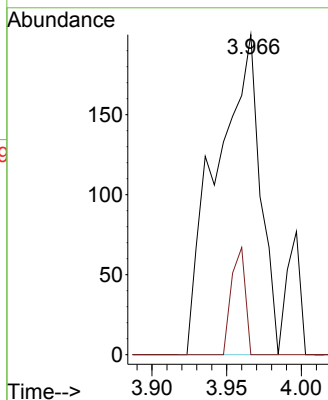
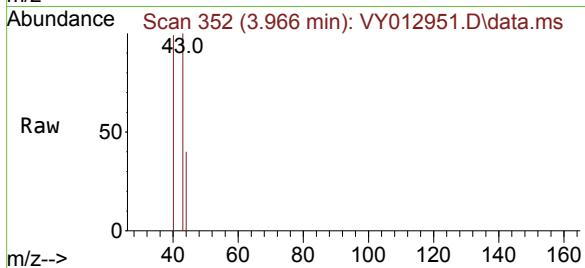
VY0315SBL01

Tgt Ion: 43 Resp: 405

Ion Ratio Lower Upper

43 100

58 0.0 24.2 36.2#



#20

Methylene Chloride

Concen: 3.664 ug/l

RT: 4.716 min Scan# 475

Delta R.T. -0.000 min

Lab File: VY012951.D

Acq: 15 Mar 2023 10:42

Tgt Ion: 84 Resp: 8560

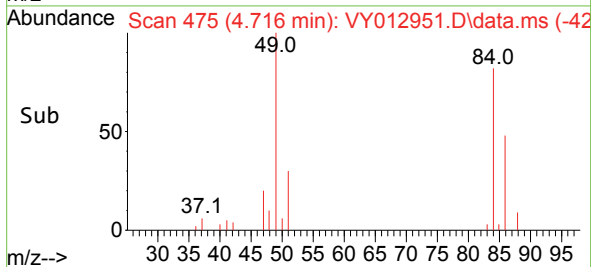
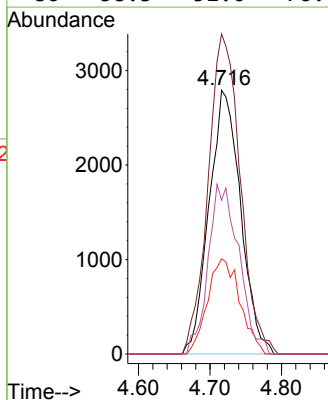
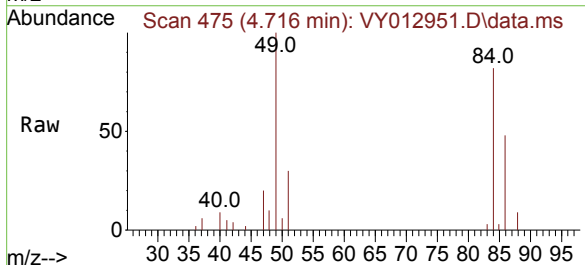
Ion Ratio Lower Upper

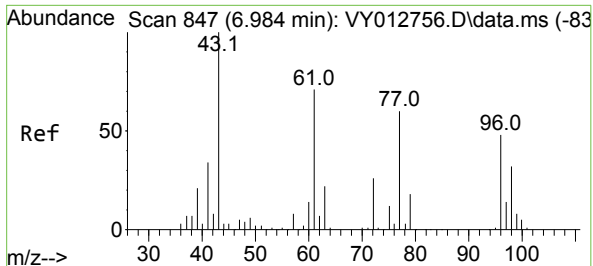
84 100

49 121.3 102.6 154.0

51 36.0 31.9 47.9

86 58.3 51.0 76.6





#25

2-Butanone

Concen: 2.134 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY012951.D

Acq: 15 Mar 2023 10:42

Instrument :

MSVOA_Y

ClientSampleId :

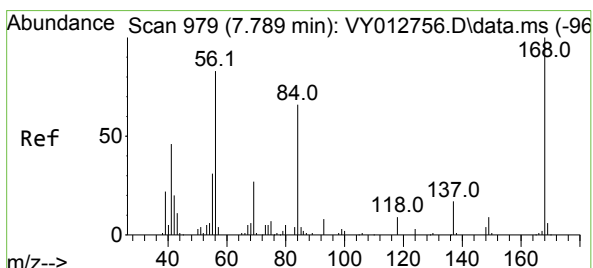
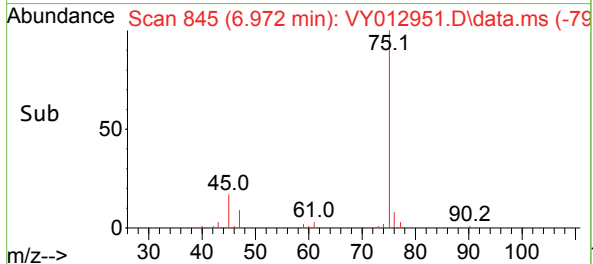
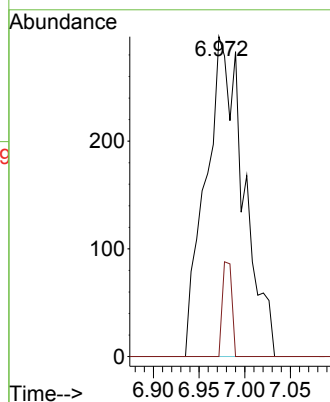
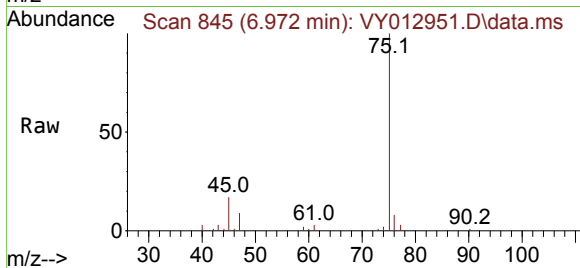
VY0315SBL01

Tgt Ion: 43 Resp: 858

Ion Ratio Lower Upper

43 100

72 0.0 21.0 31.4#



#31

Cyclohexane

Concen: 1.039 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.000 min

Lab File: VY012951.D

Acq: 15 Mar 2023 10:42

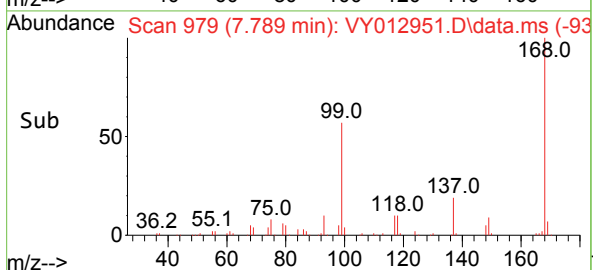
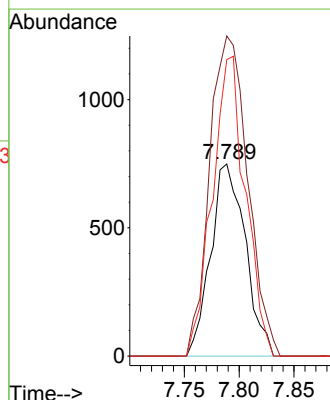
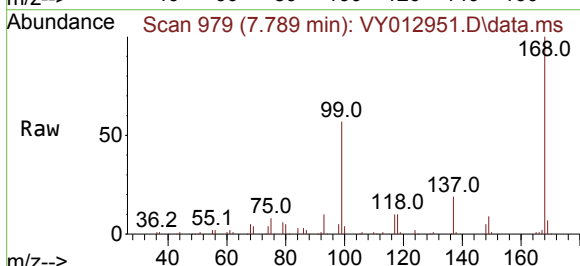
Tgt Ion: 56 Resp: 1646

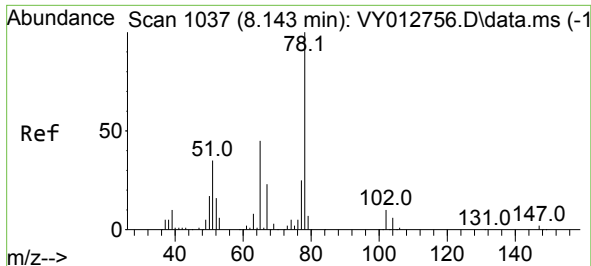
Ion Ratio Lower Upper

56 100

69 166.6 25.7 38.5#

84 154.3 64.3 96.5#

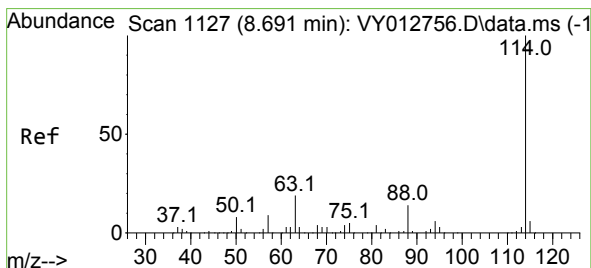
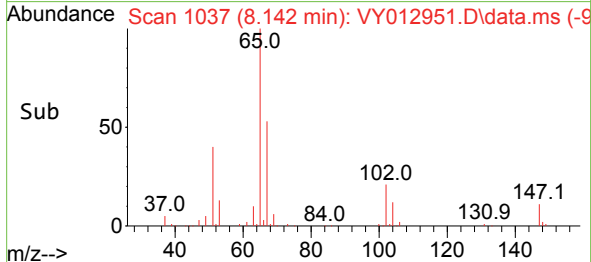
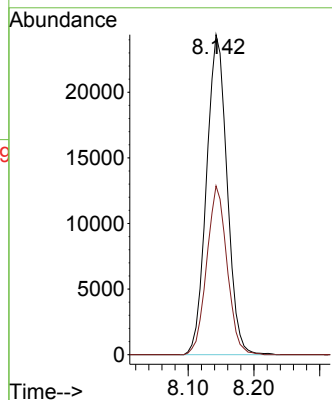
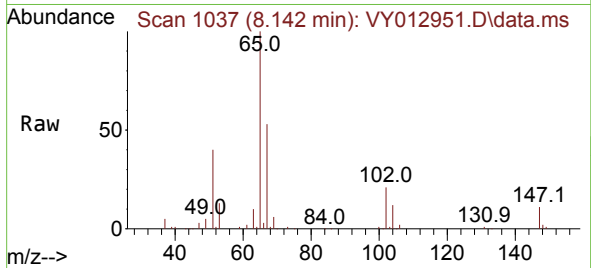




#33
 1,2-Dichloroethane-d4
 Concen: 64.130 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. -0.001 min
 Lab File: VY012951.D
 Acq: 15 Mar 2023 10:42

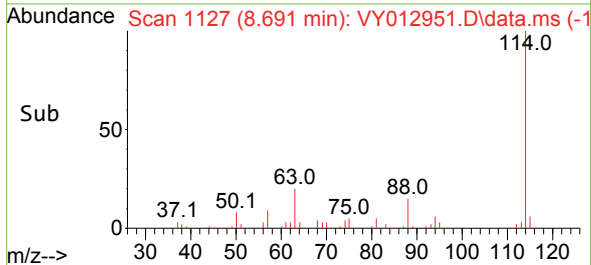
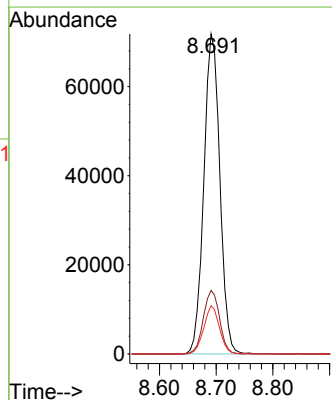
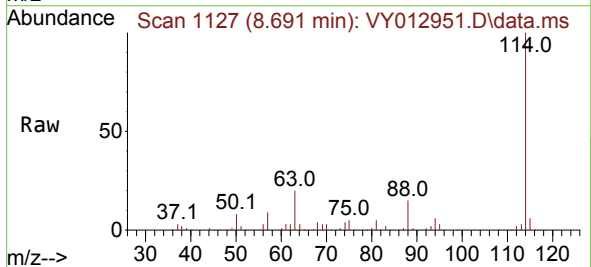
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0315SBL01

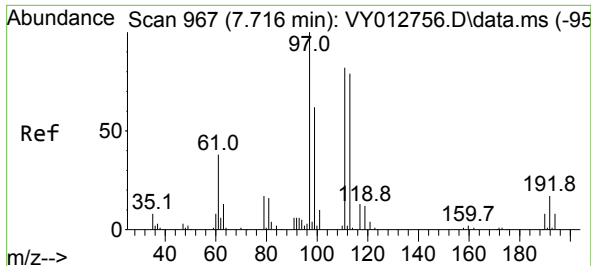
Tgt Ion: 65 Resp: 53027
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VY012951.D
 Acq: 15 Mar 2023 10:42

Tgt Ion: 114 Resp: 141006
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 37.4
 88 15.0 0.0 28.6

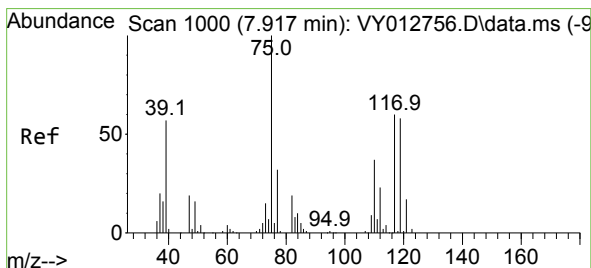
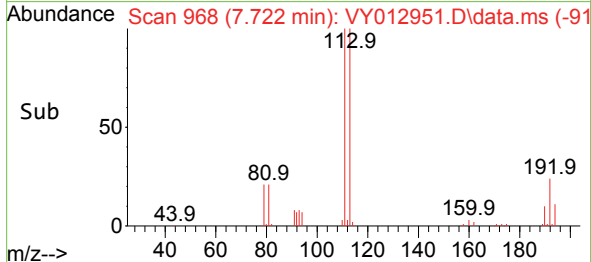
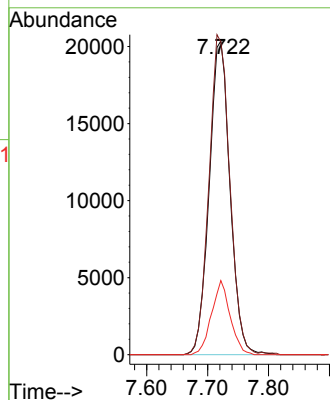
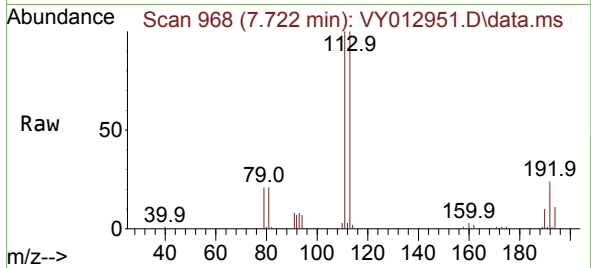




#35
Dibromofluoromethane
Concen: 56.747 ug/l
RT: 7.722 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY012951.D
Acq: 15 Mar 2023 10:42

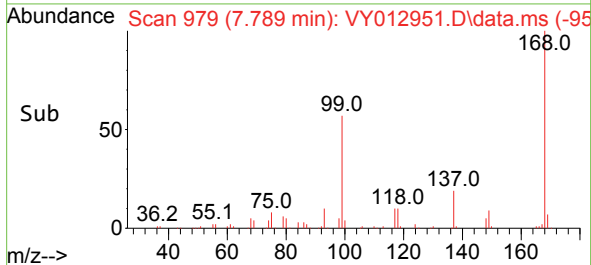
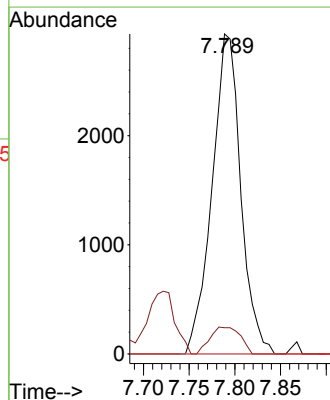
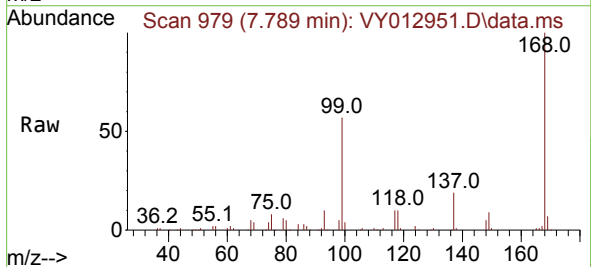
Instrument :
MSVOA_Y
ClientSampleId :
VY0315SBL01

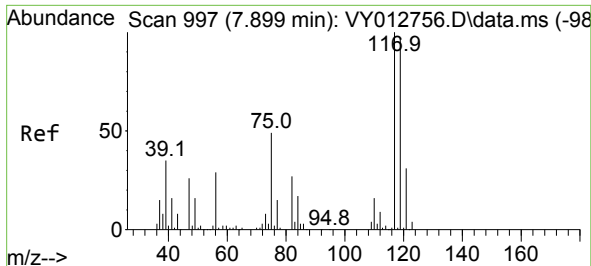
Tgt Ion:113 Resp: 48290
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.2
192 21.2 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.489 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY012951.D
Acq: 15 Mar 2023 10:42

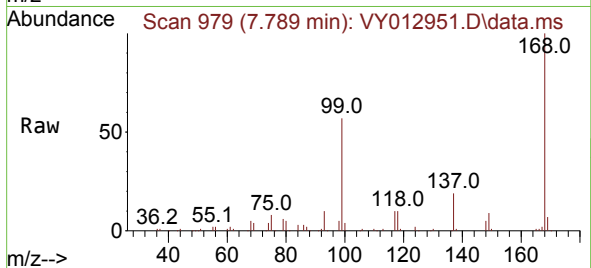
Tgt Ion: 75 Resp: 6401
Ion Ratio Lower Upper
75 100
110 8.8 17.8 53.3#
77 0.0 25.0 37.4#



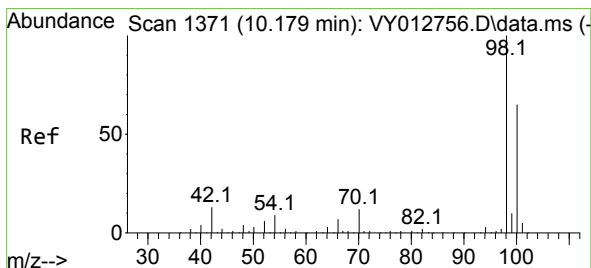
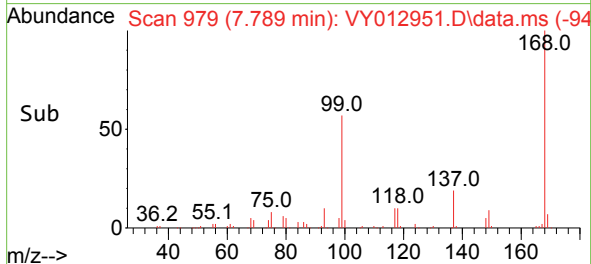
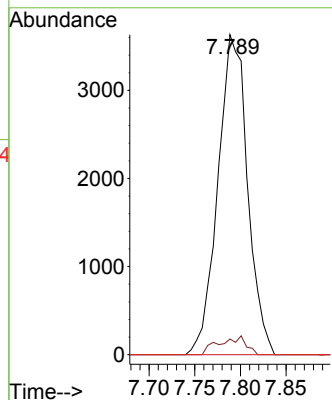


#38
Carbon Tetrachloride
Concen: 5.573 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY012951.D
Acq: 15 Mar 2023 10:42

Instrument :
MSVOA_Y
ClientSampleId :
VY0315SBL01

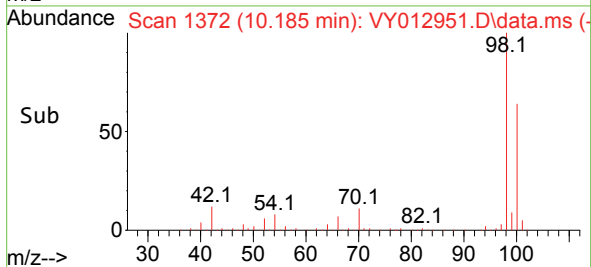
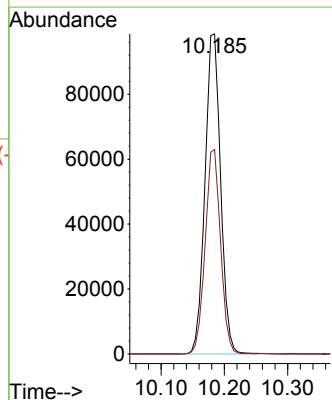
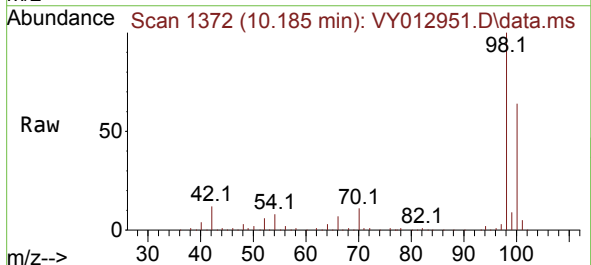


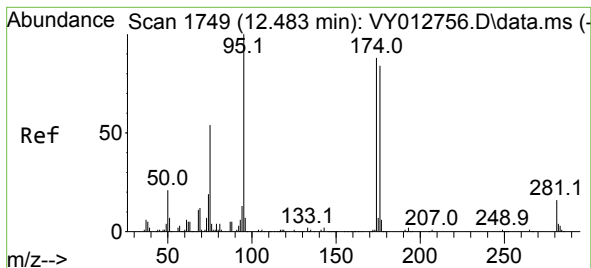
Tgt Ion:117 Resp: 8207
Ion Ratio Lower Upper
117 100
119 4.9 77.2 115.8#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 54.564 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY012951.D
Acq: 15 Mar 2023 10:42

Tgt Ion: 98 Resp: 169746
Ion Ratio Lower Upper
98 100
100 62.9 50.9 76.3

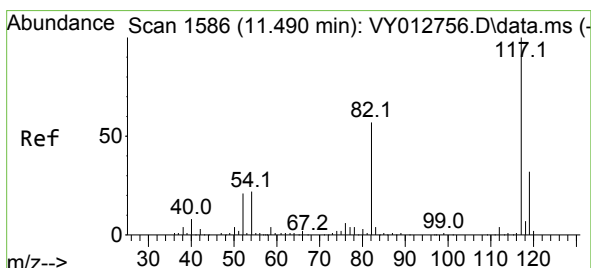
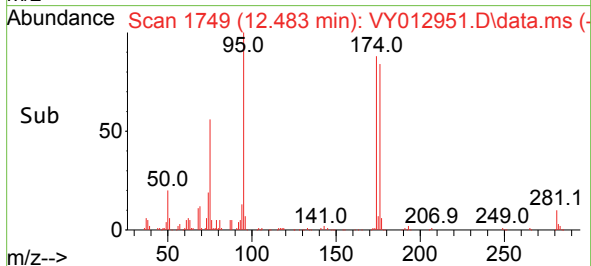
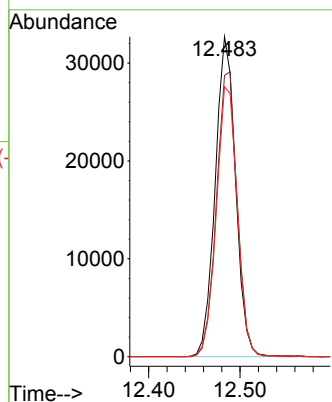
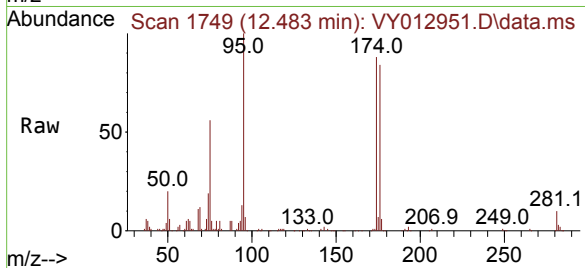




#62
4-Bromofluorobenzene
Concen: 48.178 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012951.D
Acq: 15 Mar 2023 10:42

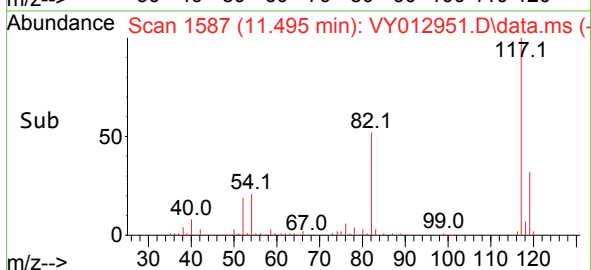
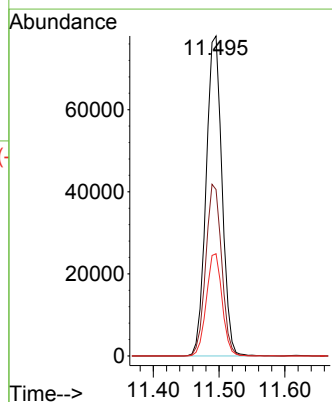
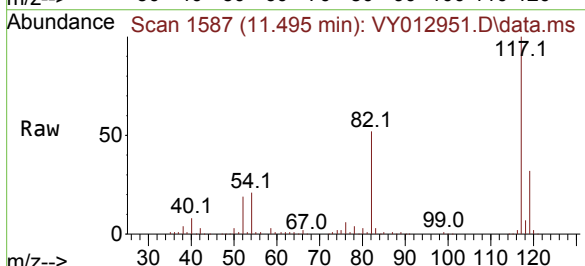
Instrument :
MSVOA_Y
ClientSampleId :
VY0315SBL01

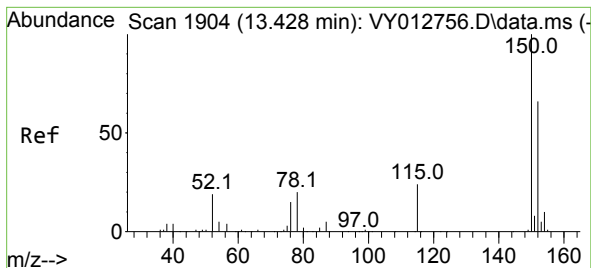
Tgt Ion: 95 Resp: 50588
Ion Ratio Lower Upper
95 100
174 91.3 0.0 176.6
176 86.7 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY012951.D
Acq: 15 Mar 2023 10:42

Tgt Ion: 117 Resp: 130934
Ion Ratio Lower Upper
117 100
82 52.0 45.4 68.0
119 32.0 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: VY012951.D

Acq: 15 Mar 2023 10:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0315SBL01

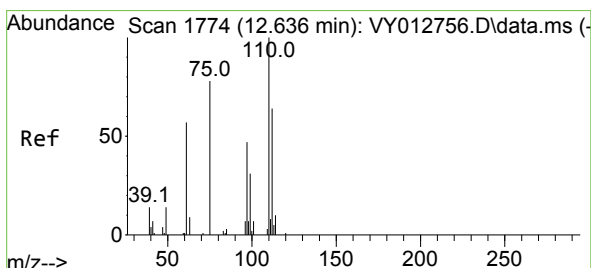
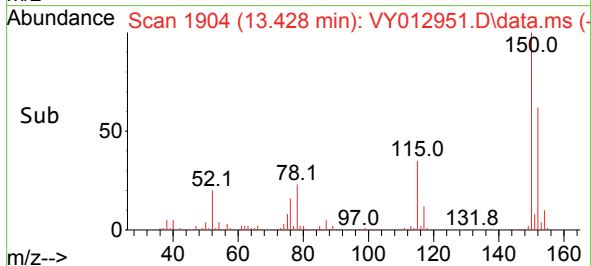
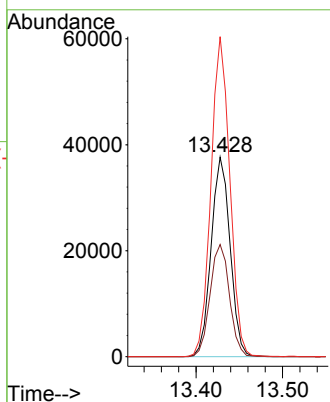
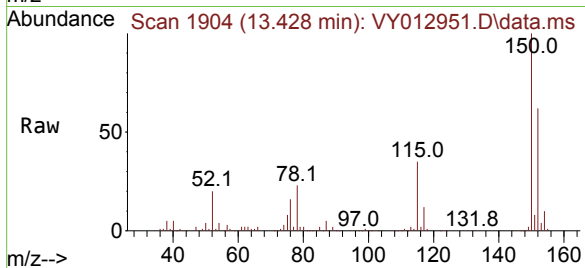
Tgt Ion:152 Resp: 57323

Ion Ratio Lower Upper

152 100

115 57.4 27.1 81.3

150 159.5 0.0 347.8



#76

1,2,3-Trichloropropane

Concen: 39.249 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.153 min

Lab File: VY012951.D

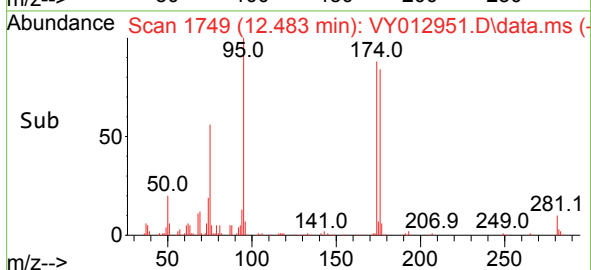
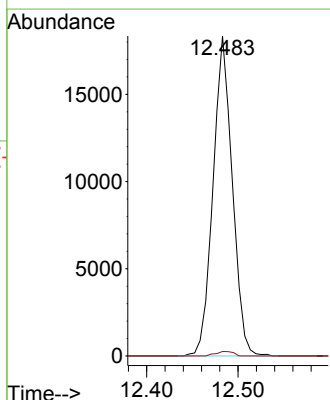
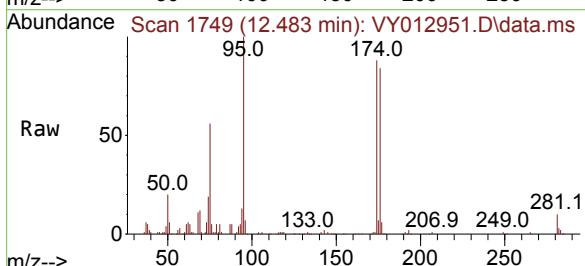
Acq: 15 Mar 2023 10:42

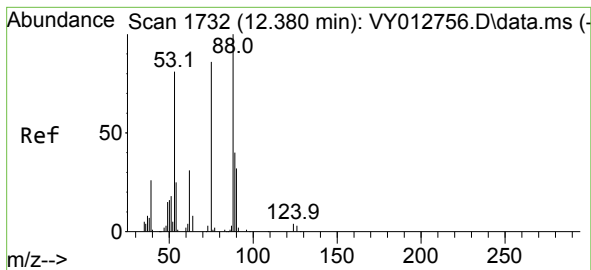
Tgt Ion: 75 Resp: 26867

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.325 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY012951.D
 Acq: 15 Mar 2023 10:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0315SBL01

Tgt Ion: 75 Resp: 26867
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.4 110.0#
 89 0.1 36.6 55.0#

