

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030223\
 Data File : VY012763.D
 Acq On : 02 Mar 2023 17:00
 Operator : KP/MD
 Sample : VY0302SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0302SBL01

Quant Time: Mar 03 01:56:06 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)

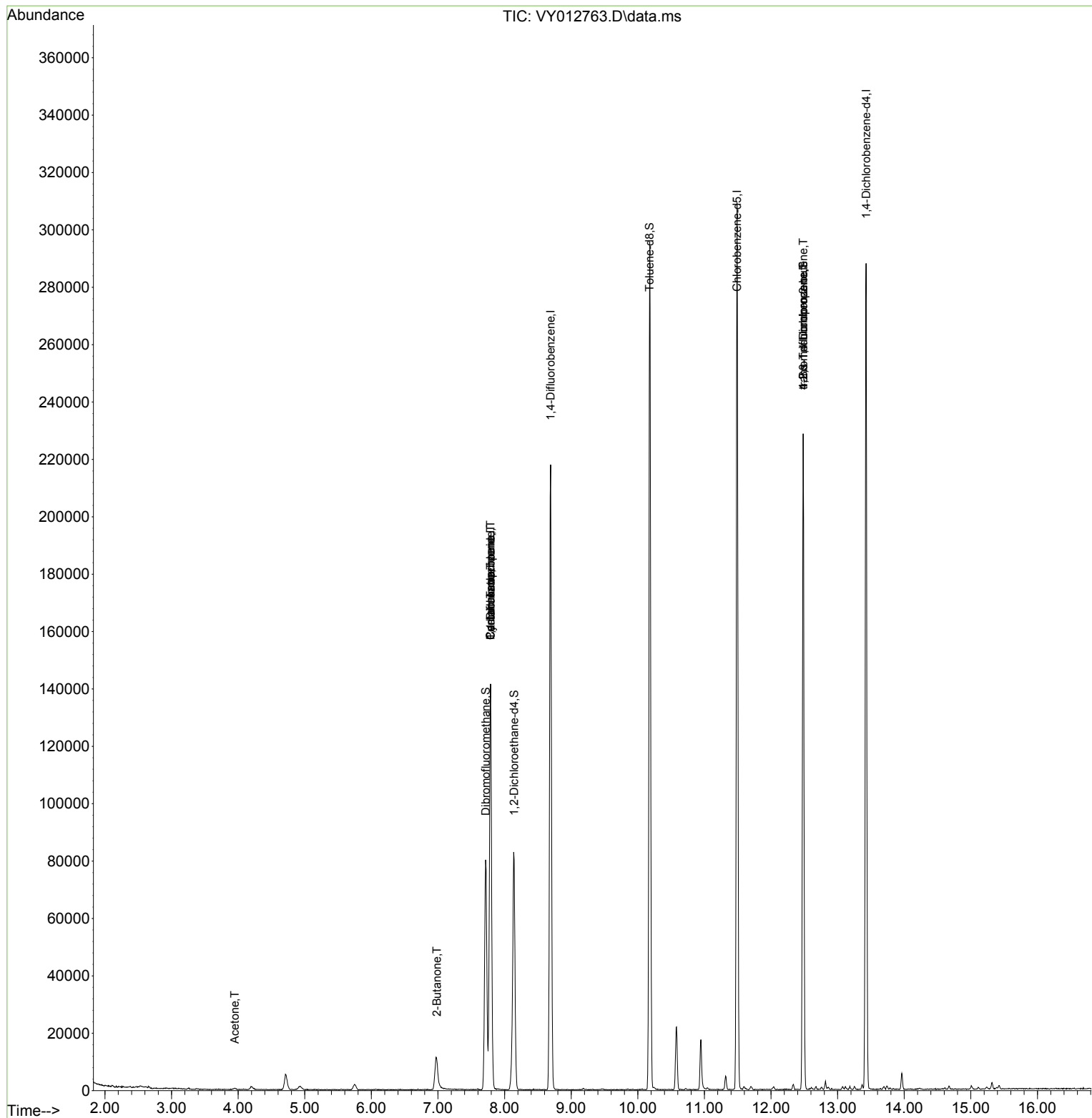
Internal Standards						
1) Pentafluorobenzene	7.789	168	108251	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	179818	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	158145	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	74276	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	58876	54.779	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.560%			
35) Dibromofluoromethane	7.715	113	56005	51.608	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.220%			
50) Toluene-d8	10.178	98	189808	47.843	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 95.680%			
62) 4-Bromofluorobenzene	12.483	95	62891	46.967	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 93.940%			
Target Compounds						
11) Tert butyl alcohol	4.929	59	1560	Below Cal	#	74
16) Acetone	3.948	43	883	2.093	ug/l #	89
20) Methylene Chloride	4.722	84	3685	Below Cal	#	94
25) 2-Butanone	6.984	43	920	1.761	ug/l #	49
31) Cyclohexane	7.789	56	2511	1.220	ug/l #	10
36) 1,1-Dichloropropene	7.789	75	8722	4.796	ug/l #	48
38) Carbon Tetrachloride	7.789	117	10740	5.719	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	33939	38.264	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	33939	79.284	ug/l #	13

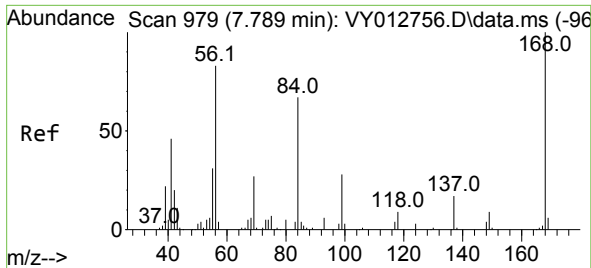
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030223\
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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0302SBL01

Quant Time: Mar 03 01:56:06 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

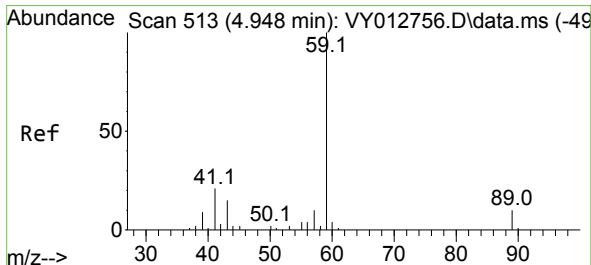
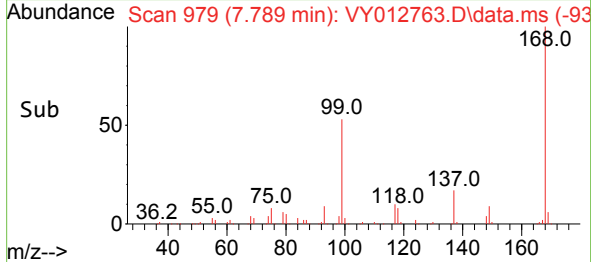
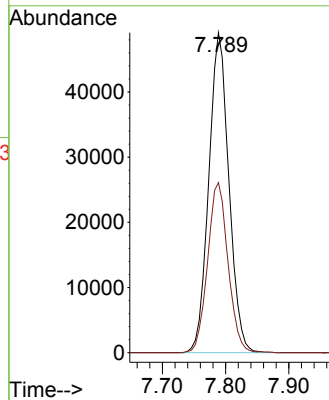
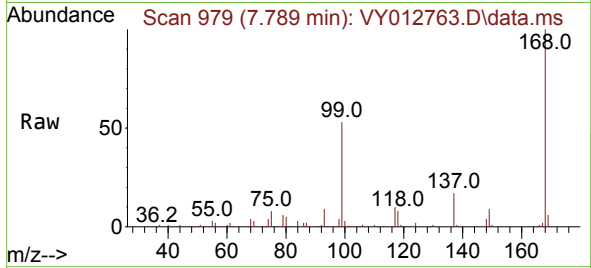




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012763.D
Acq: 02 Mar 2023 17:00

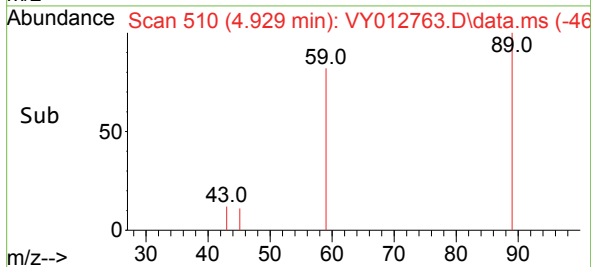
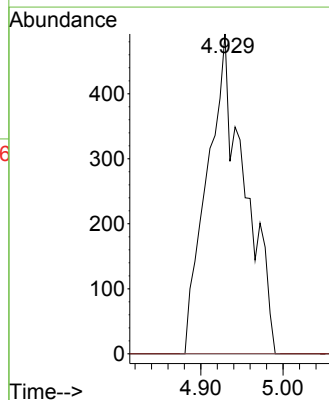
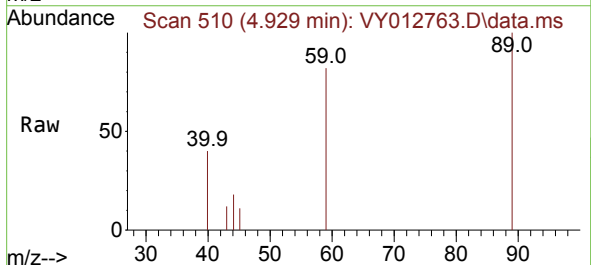
Instrument :
MSVOA_Y
ClientSampleId :
VY0302SBL01

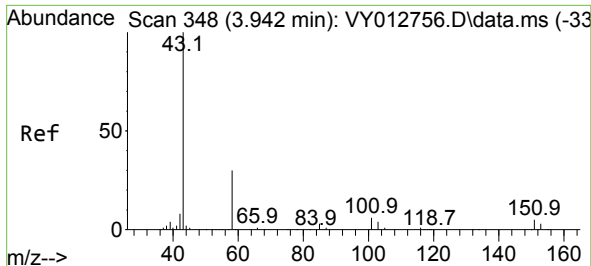
Tgt Ion:168 Resp: 108251
Ion Ratio Lower Upper
168 100
99 53.2 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.929 min Scan# 510
Delta R.T. -0.019 min
Lab File: VY012763.D
Acq: 02 Mar 2023 17:00

Tgt Ion: 59 Resp: 1560
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#





#16

Acetone

Concen: 2.093 ug/l

RT: 3.948 min Scan# 34

Delta R.T. 0.006 min

Lab File: VY012763.D

Acq: 02 Mar 2023 17:00

Instrument :

MSVOA_Y

ClientSampleId :

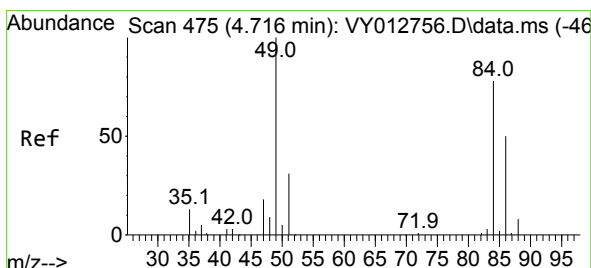
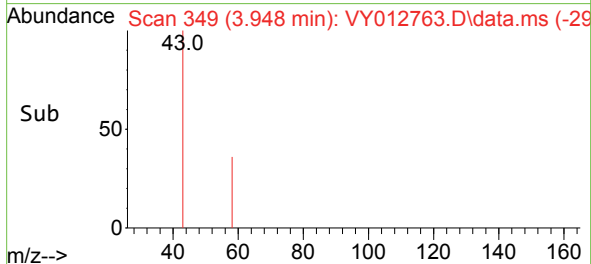
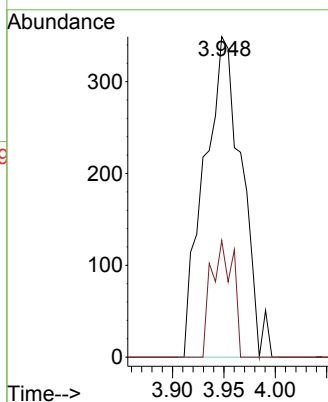
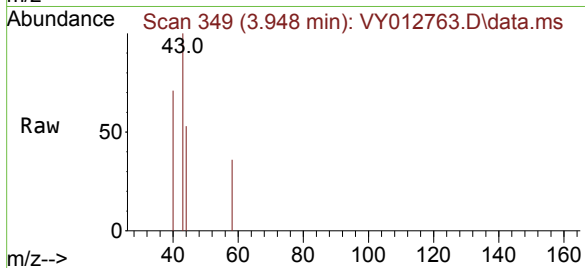
VY0302SBL01

Tgt Ion: 43 Resp: 883

Ion Ratio Lower Upper

43 100

58 36.4 24.2 36.2#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.722 min Scan# 476

Delta R.T. 0.006 min

Lab File: VY012763.D

Acq: 02 Mar 2023 17:00

Tgt Ion: 84 Resp: 3685

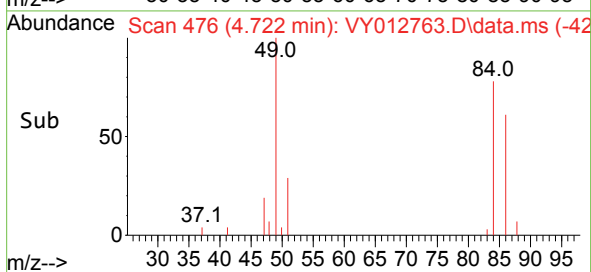
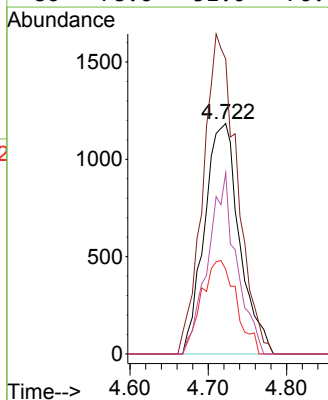
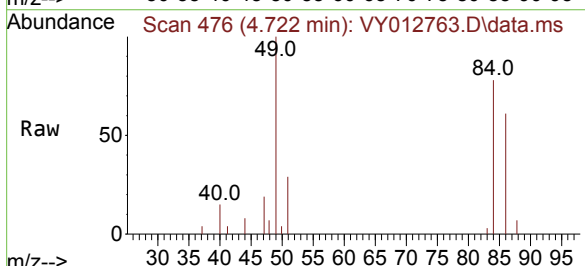
Ion Ratio Lower Upper

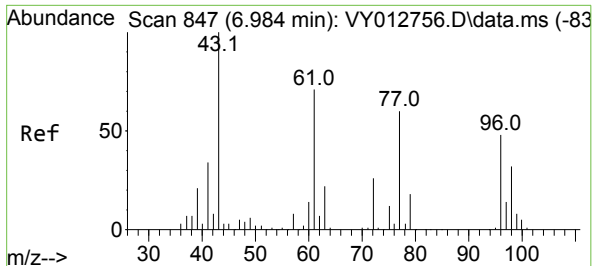
84 100

49 128.0 102.6 154.0

51 36.7 31.9 47.9

86 78.6 51.0 76.6#





#25

2-Butanone

Concen: 1.761 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY012763.D

Acq: 02 Mar 2023 17:00

Instrument :

MSVOA_Y

ClientSampleId :

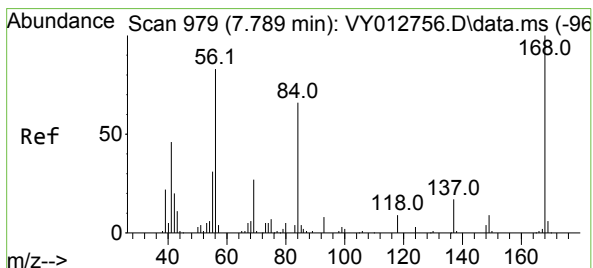
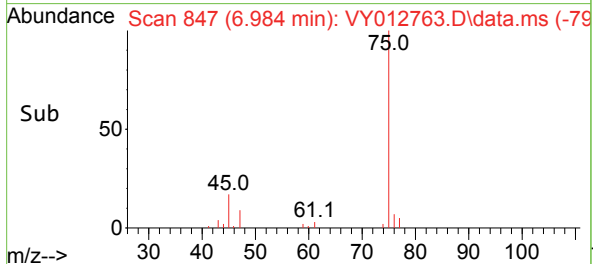
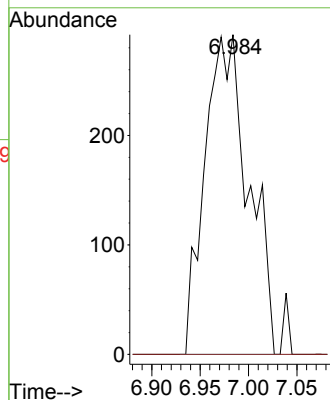
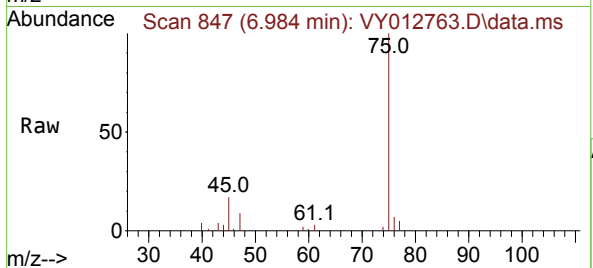
VY0302SBL01

Tgt Ion: 43 Resp: 920

Ion Ratio Lower Upper

43 100

72 0.0 21.0 31.4#



#31

Cyclohexane

Concen: 1.220 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.000 min

Lab File: VY012763.D

Acq: 02 Mar 2023 17:00

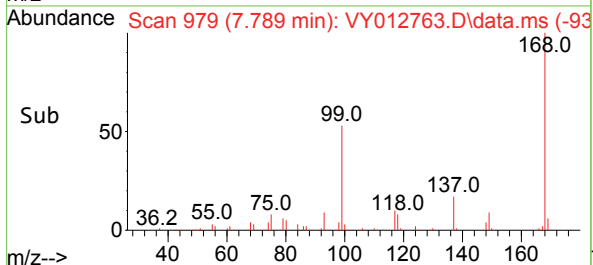
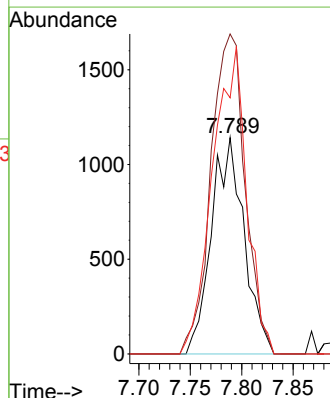
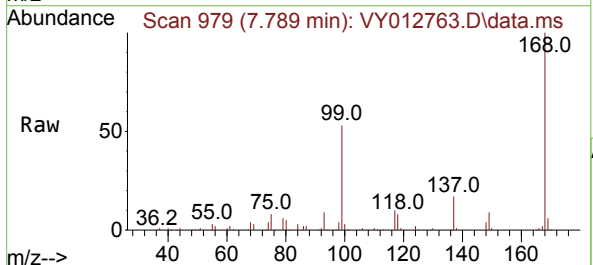
Tgt Ion: 56 Resp: 2511

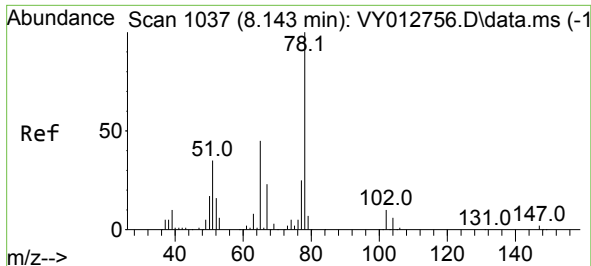
Ion Ratio Lower Upper

56 100

69 147.9 25.7 38.5#

84 118.4 64.3 96.5#

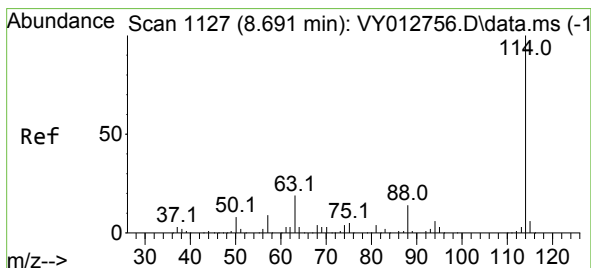
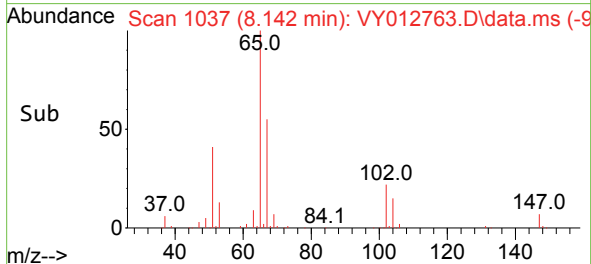
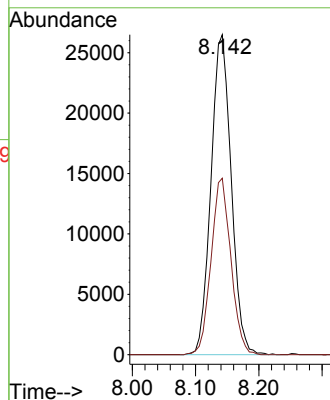
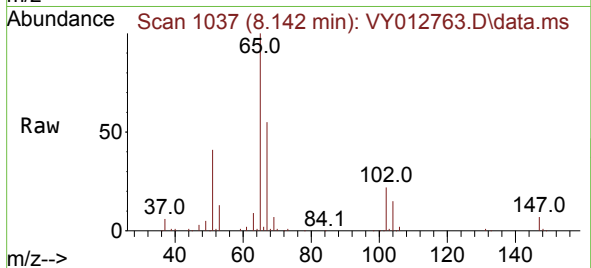




#33
 1,2-Dichloroethane-d4
 Concen: 54.779 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. -0.000 min
 Lab File: VY012763.D
 Acq: 02 Mar 2023 17:00

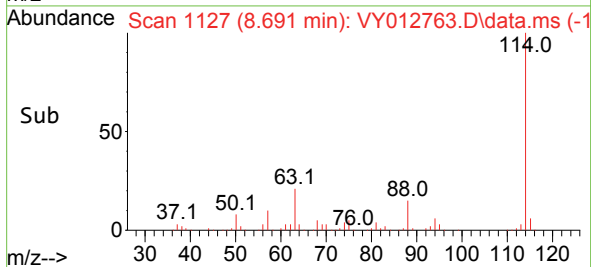
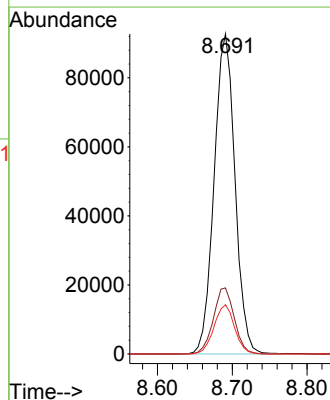
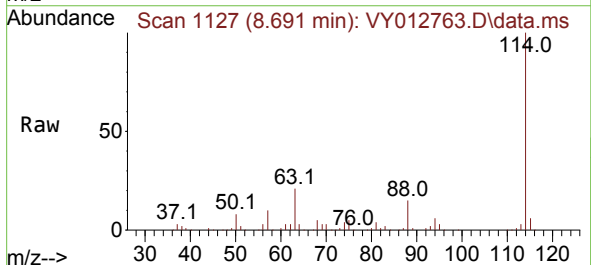
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0302SBL01

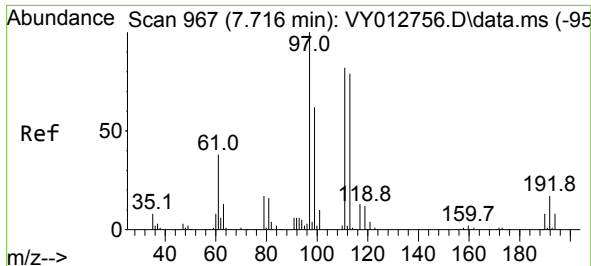
Tgt Ion: 65 Resp: 58876
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VY012763.D
 Acq: 02 Mar 2023 17:00

Tgt Ion: 114 Resp: 179818
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 37.4
 88 15.4 0.0 28.6

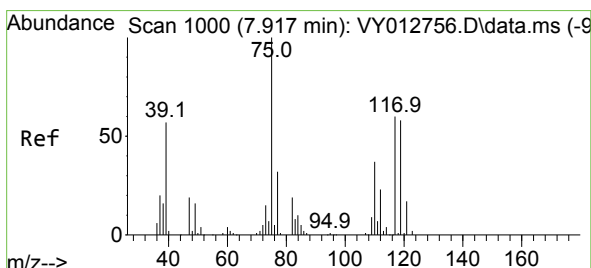
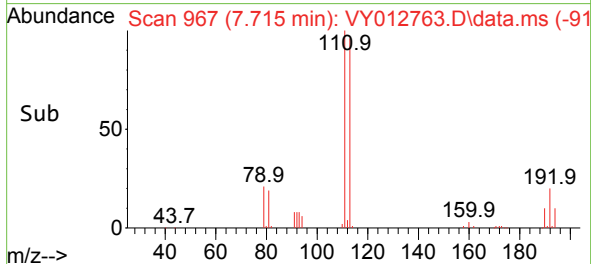
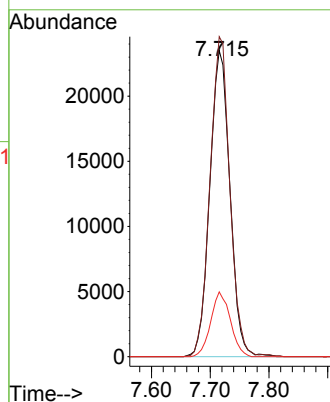
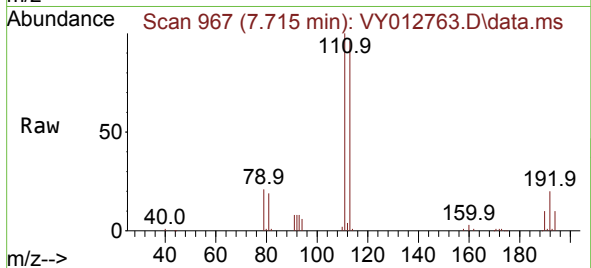




#35
Dibromofluoromethane
Concen: 51.608 ug/l
RT: 7.715 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY012763.D
Acq: 02 Mar 2023 17:00

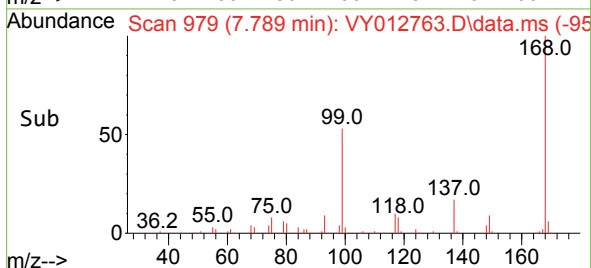
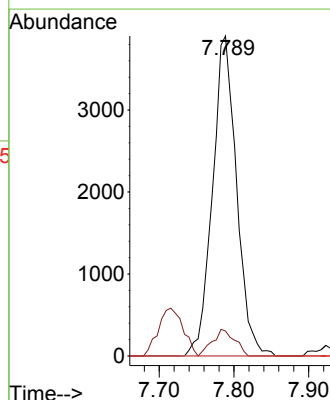
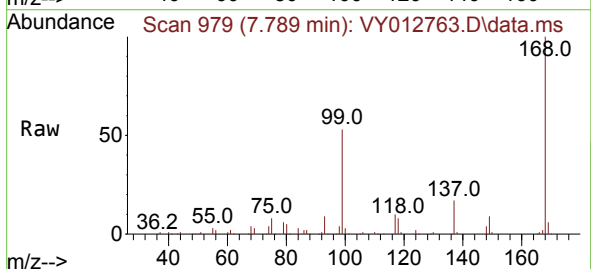
Instrument :
MSVOA_Y
ClientSampleId :
VY0302SBL01

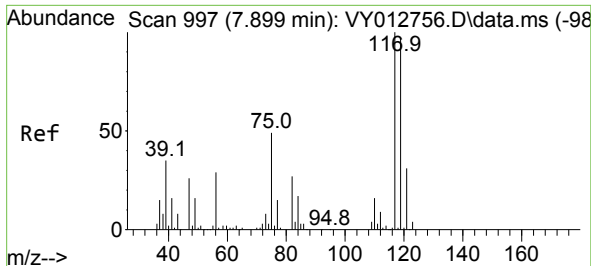
Tgt Ion:113 Resp: 56005
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.2
192 20.6 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.796 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY012763.D
Acq: 02 Mar 2023 17:00

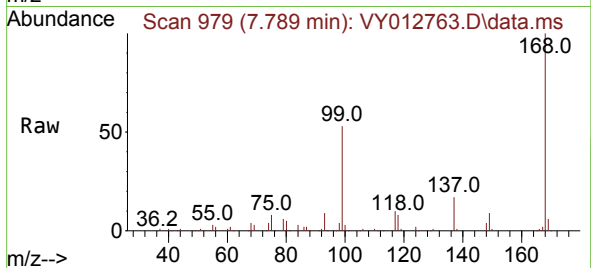
Tgt Ion: 75 Resp: 8722
Ion Ratio Lower Upper
75 100
110 7.7 17.8 53.3#
77 0.0 25.0 37.4#



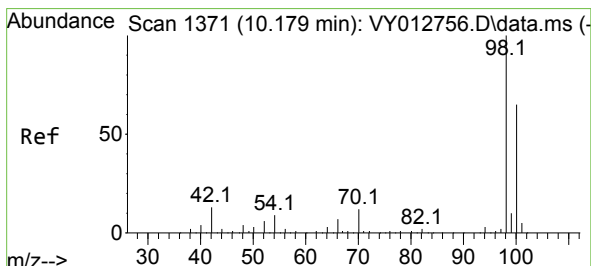
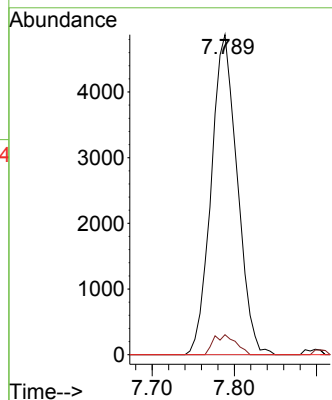
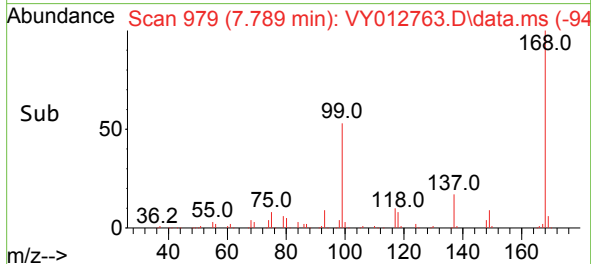


#38
Carbon Tetrachloride
Concen: 5.719 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY012763.D
Acq: 02 Mar 2023 17:00

Instrument :
MSVOA_Y
ClientSampleId :
VY0302SBL01

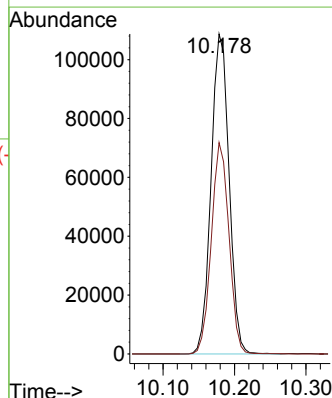
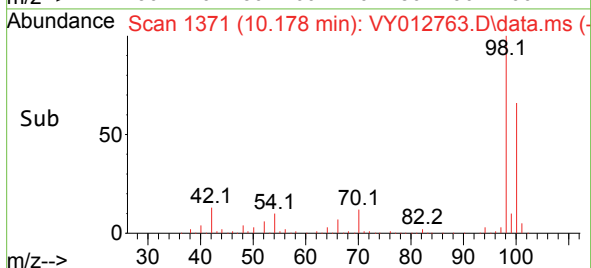
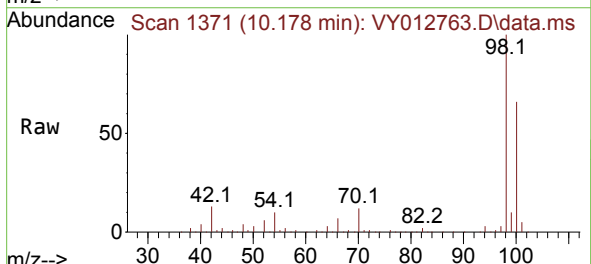


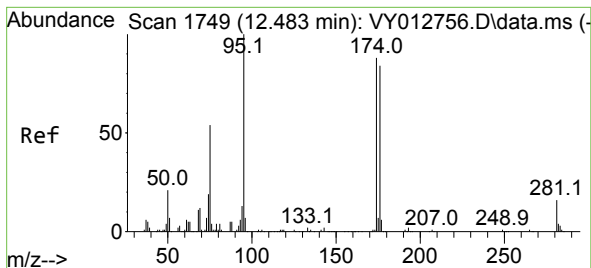
Tgt Ion:117 Resp: 10740
Ion Ratio Lower Upper
117 100
119 6.3 77.2 115.8#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 47.843 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012763.D
Acq: 02 Mar 2023 17:00

Tgt Ion: 98 Resp: 189808
Ion Ratio Lower Upper
98 100
100 64.8 50.9 76.3

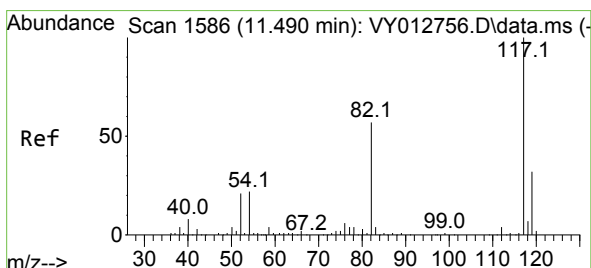
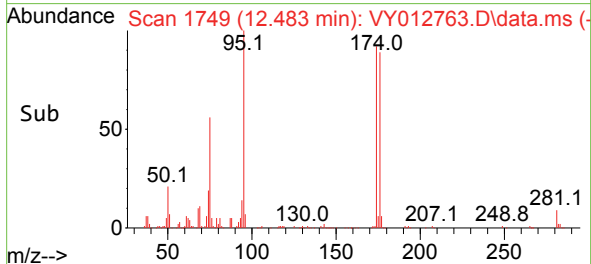
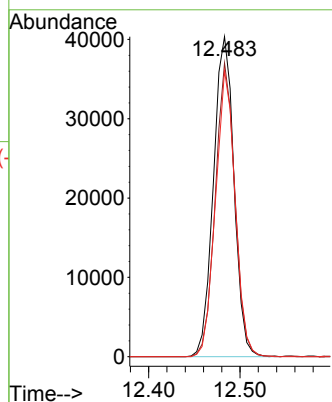
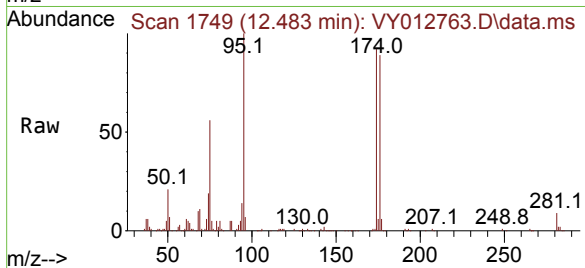




#62
4-Bromofluorobenzene
Concen: 46.967 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012763.D
Acq: 02 Mar 2023 17:00

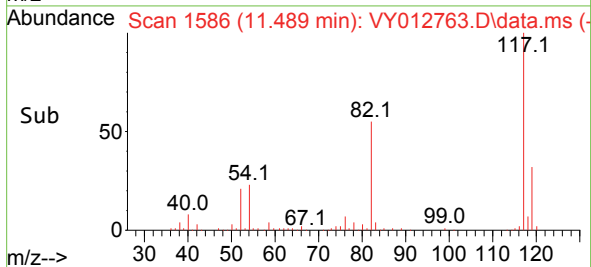
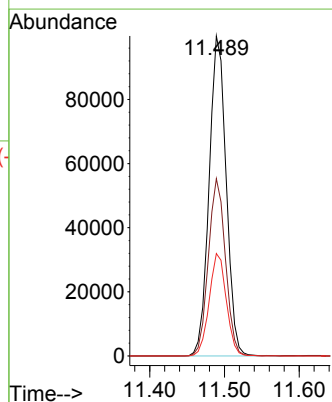
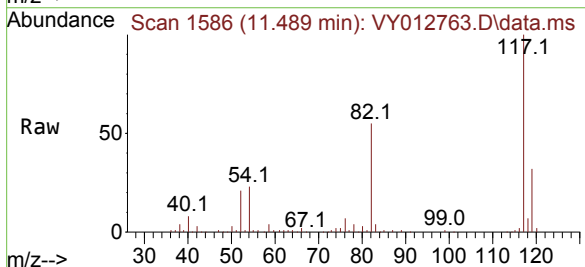
Instrument :
MSVOA_Y
ClientSampleId :
VY0302SBL01

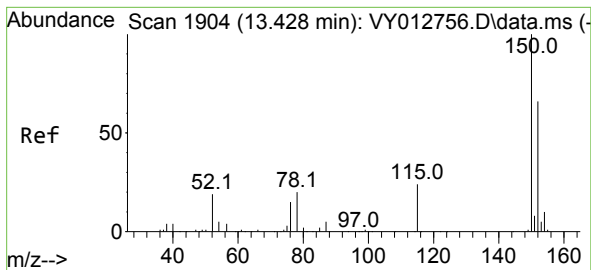
Tgt Ion: 95 Resp: 62891
Ion Ratio Lower Upper
95 100
174 87.9 0.0 176.6
176 85.5 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012763.D
Acq: 02 Mar 2023 17:00

Tgt Ion: 117 Resp: 158145
Ion Ratio Lower Upper
117 100
82 55.4 45.4 68.0
119 32.0 25.6 38.4

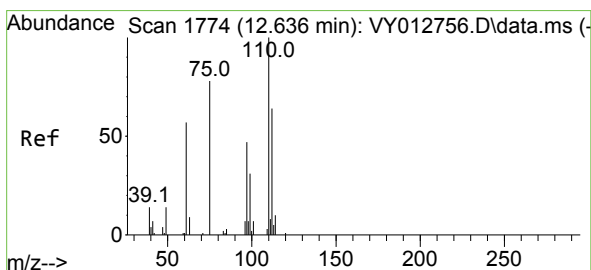
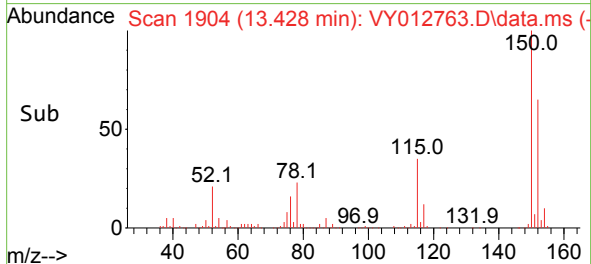
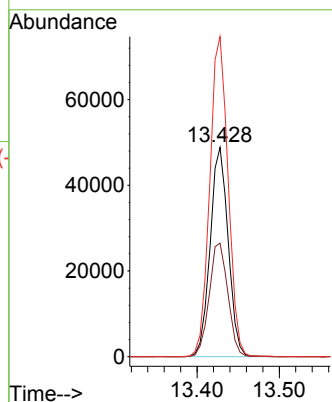
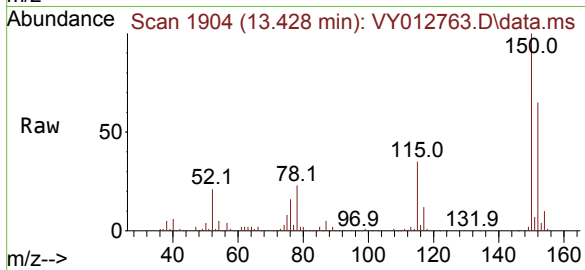




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY012763.D
 Acq: 02 Mar 2023 17:00

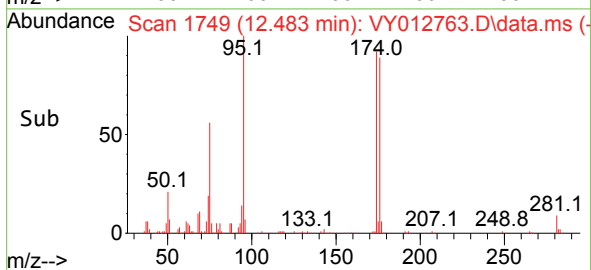
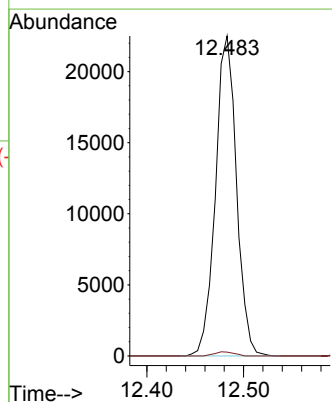
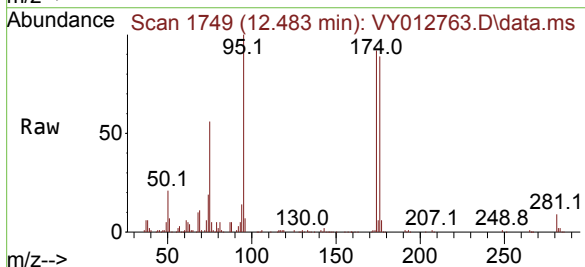
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0302SBL01

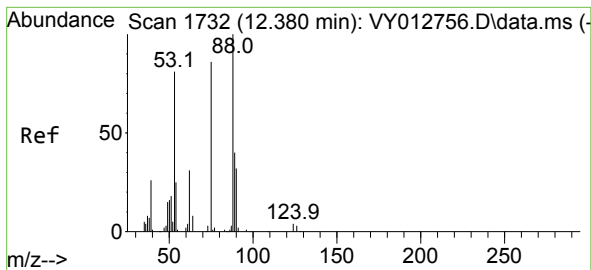
Tgt Ion:152 Resp: 74276
 Ion Ratio Lower Upper
 152 100
 115 56.3 27.1 81.3
 150 155.5 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 38.264 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY012763.D
 Acq: 02 Mar 2023 17:00

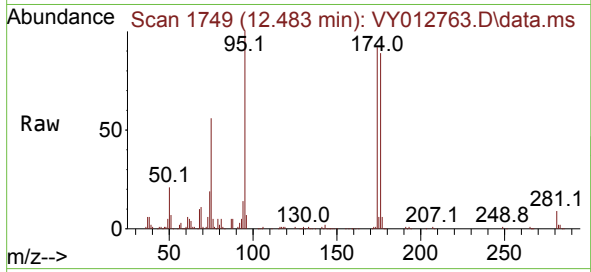
Tgt Ion: 75 Resp: 33939
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.284 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY012763.D
 Acq: 02 Mar 2023 17:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0302SBL01



Tgt Ion: 75 Resp: 33939
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.4 110.0#
 89 0.0 36.6 55.0#

