

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031623\
 Data File : VY012968.D
 Acq On : 16 Mar 2023 14:06
 Operator : KP/MD
 Sample : 01932-01
 Misc : 8.34g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CE-86B-031423

Quant Time: Mar 17 01:35:31 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)

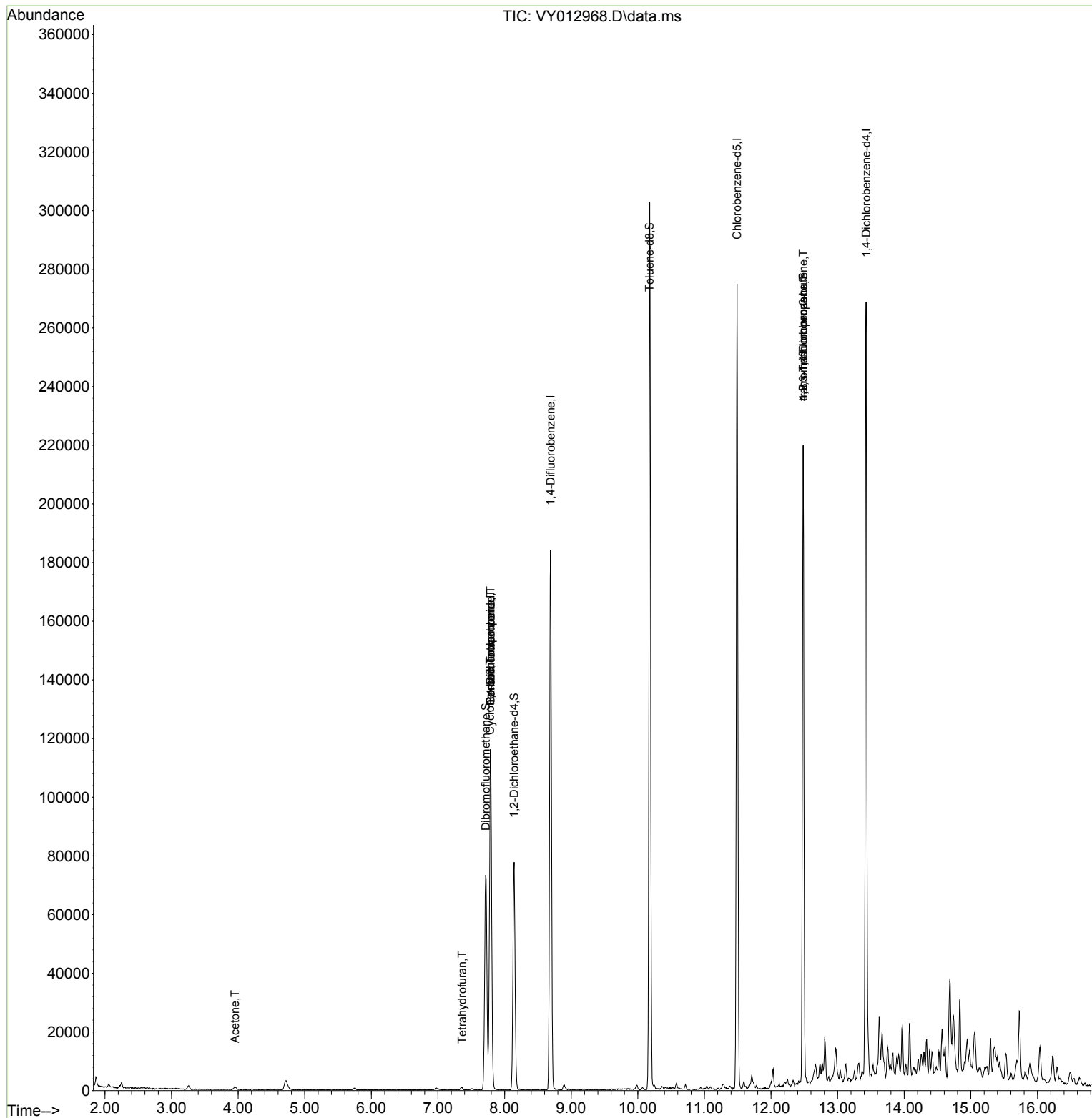
Internal Standards						
1) Pentafluorobenzene	7.789	168	89615	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	153478	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	142490	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	67431	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	60406	67.890	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 135.780%	
35) Dibromofluoromethane	7.716	113	52800	57.005	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.000%	
50) Toluene-d8	10.179	98	187643	55.415	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.840%	
62) 4-Bromofluorobenzene	12.483	95	62048	54.290	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 108.580%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	42	Below Cal	#	74
16) Acetone	3.954	43	1620	4.639	ug/l	96
20) Methylene Chloride	4.716	84	2524	Below Cal		94
29) Tetrahydrofuran	7.362	42	658	2.522	ug/l #	79
31) Cyclohexane	7.783	56	1990	1.168	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	6860	4.420	ug/l #	49
38) Carbon Tetrachloride	7.789	117	8628	5.383	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	32621	40.511	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	32621	83.940	ug/l #	13

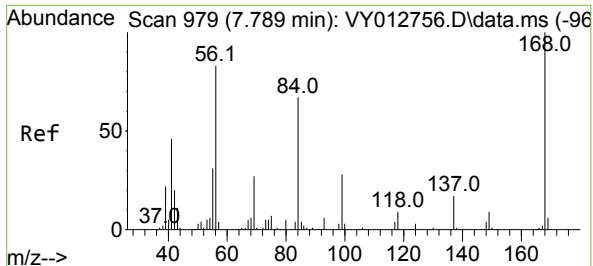
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031623\
Data File : VY012968.D
Acq On : 16 Mar 2023 14:06
Operator : KP/MD
Sample : 01932-01
Misc : 8.34g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CE-86B-031423

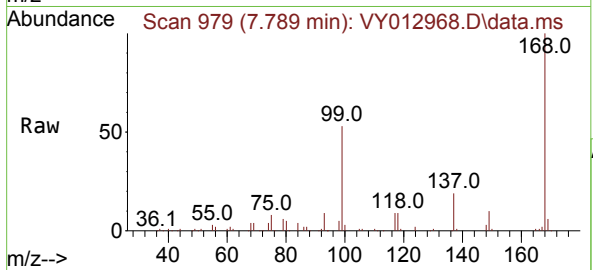
Quant Time: Mar 17 01:35:31 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 03 01:13:13 2023
Response via : Initial Calibration



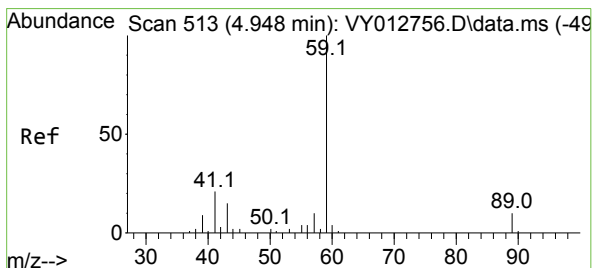
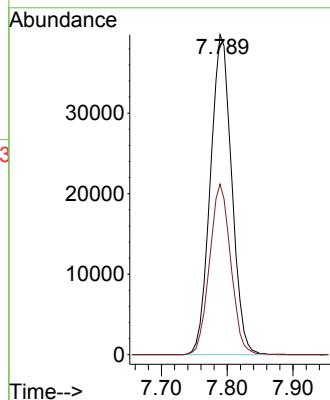
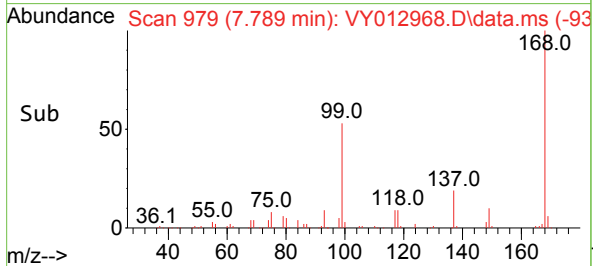


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012968.D
Acq: 16 Mar 2023 14:06

Instrument :
MSVOA_Y
ClientSampleId :
CE-86B-031423

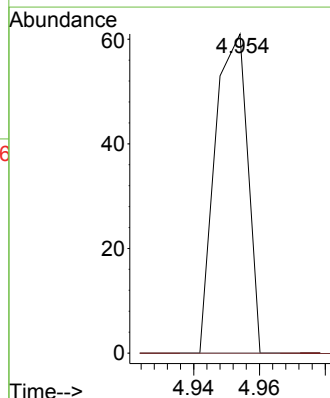
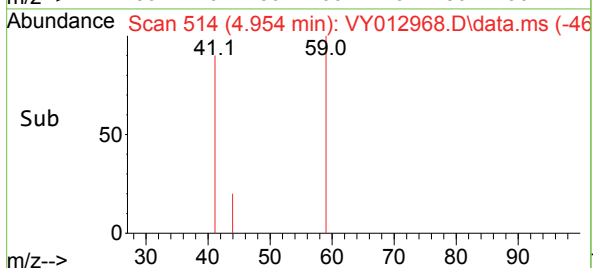
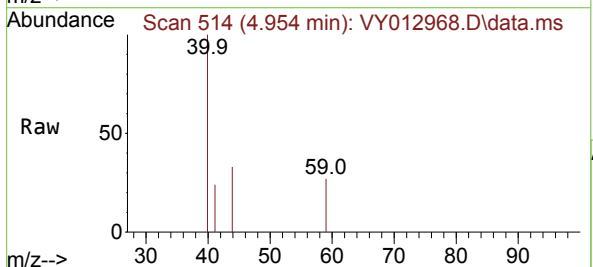


Tgt Ion:168 Resp: 89615
Ion Ratio Lower Upper
168 100
99 53.3 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY012968.D
Acq: 16 Mar 2023 14:06

Tgt Ion: 59 Resp: 42
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

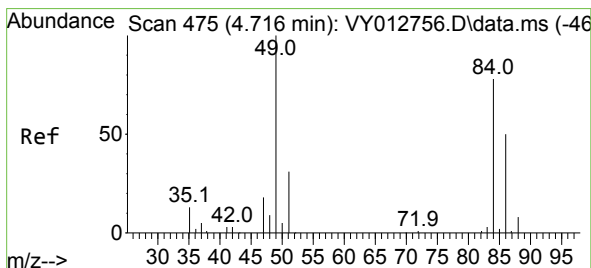
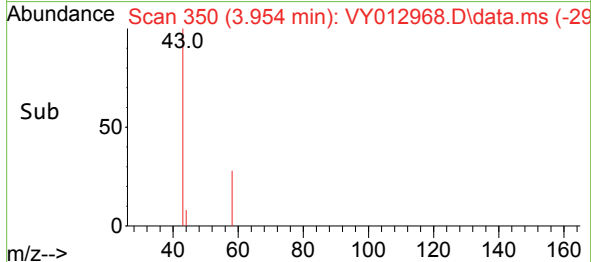
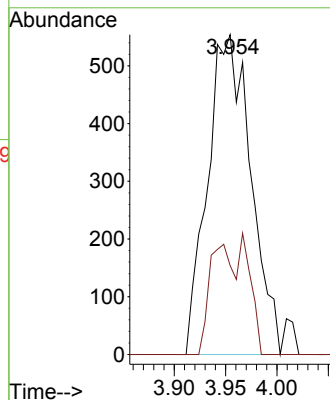
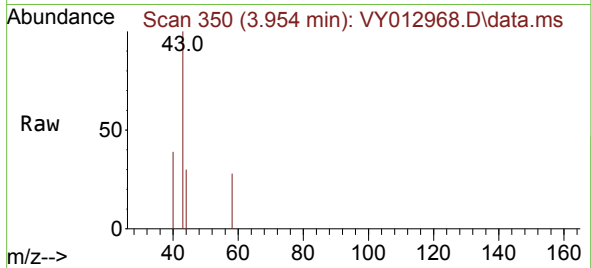




#16
Acetone
Concen: 4.639 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY012968.D
Acq: 16 Mar 2023 14:06

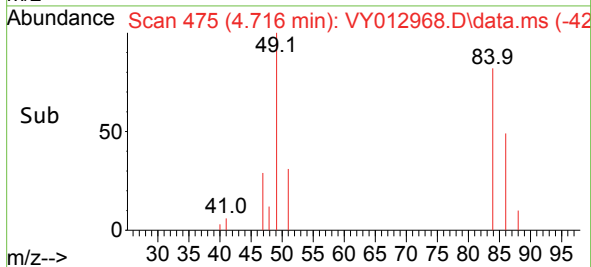
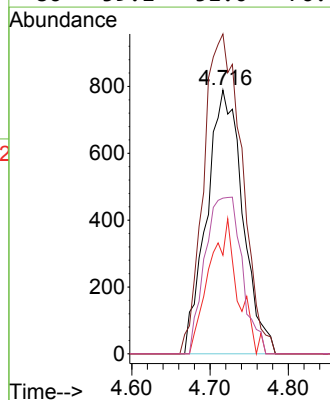
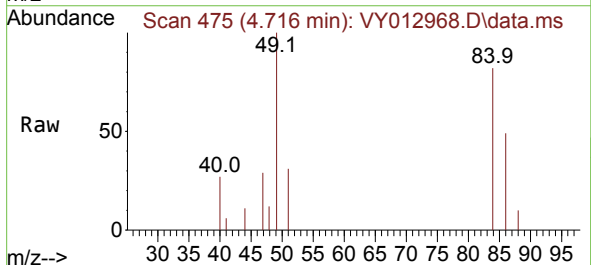
Instrument :
MSVOA_Y
ClientSampleId :
CE-86B-031423

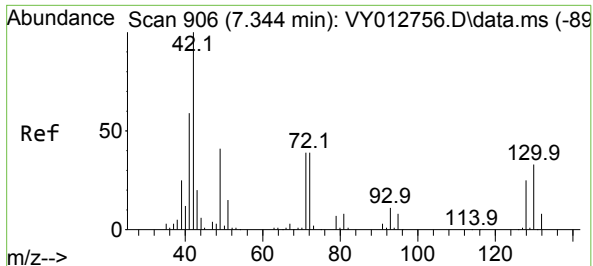
Tgt Ion: 43 Resp: 1620
Ion Ratio Lower Upper
43 100
58 27.8 24.2 36.2



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012968.D
Acq: 16 Mar 2023 14:06

Tgt Ion: 84 Resp: 2524
Ion Ratio Lower Upper
84 100
49 121.3 102.6 154.0
51 37.4 31.9 47.9
86 59.1 51.0 76.6





#29

Tetrahydrofuran

Concen: 2.522 ug/l

RT: 7.362 min Scan# 906

Delta R.T. 0.018 min

Lab File: VY012968.D

Acq: 16 Mar 2023 14:06

Instrument :

MSVOA_Y

ClientSampleId :

CE-86B-031423

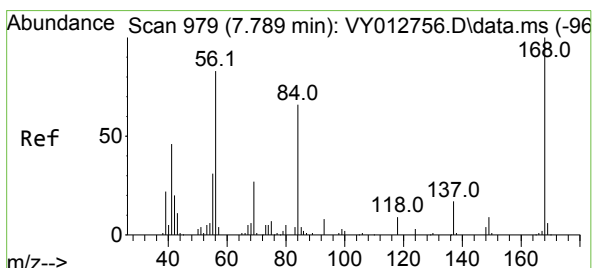
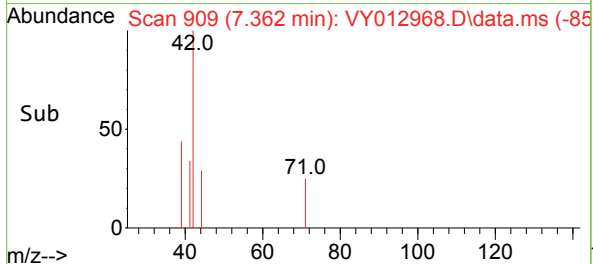
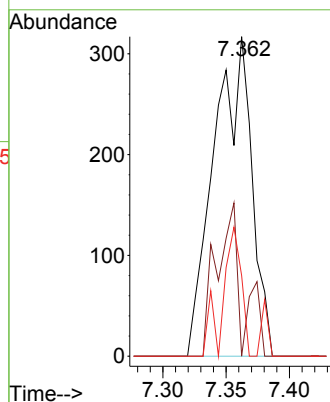
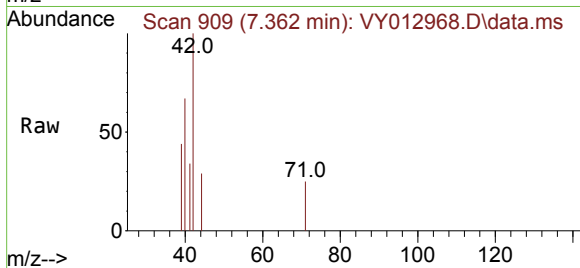
Tgt Ion: 42 Resp: 658

Ion Ratio Lower Upper

42 100

72 32.7 32.3 48.5

71 20.1 30.3 45.5#



#31

Cyclohexane

Concen: 1.168 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.006 min

Lab File: VY012968.D

Acq: 16 Mar 2023 14:06

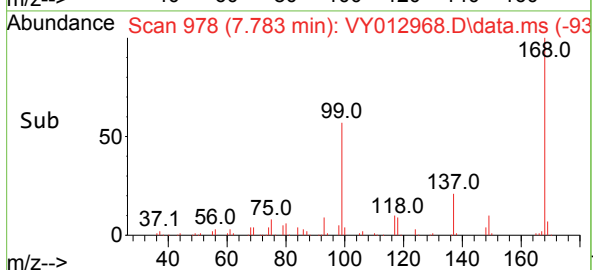
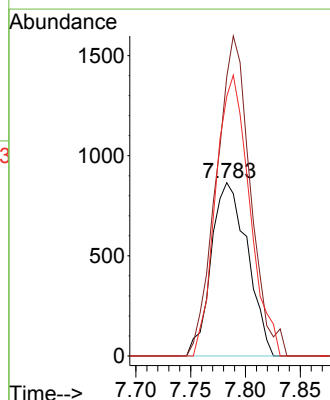
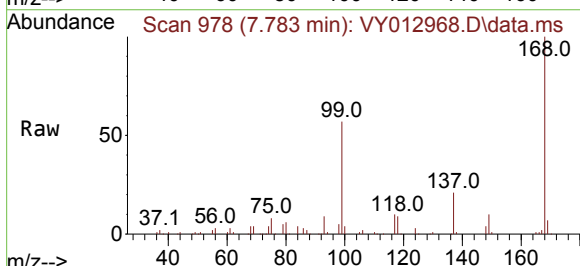
Tgt Ion: 56 Resp: 1990

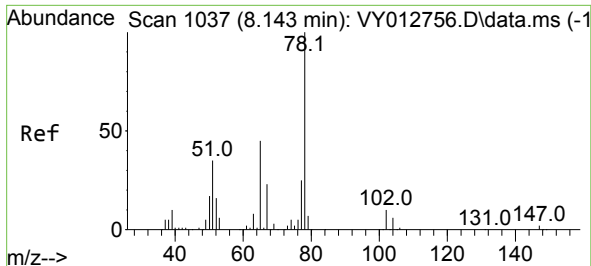
Ion Ratio Lower Upper

56 100

69 161.2 25.7 38.5#

84 149.8 64.3 96.5#

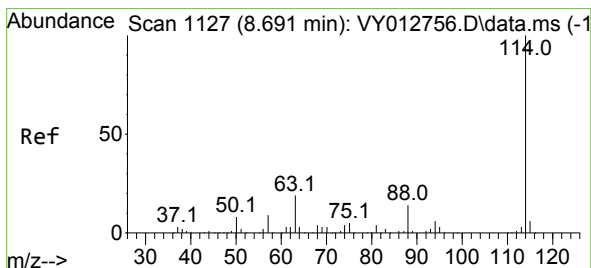
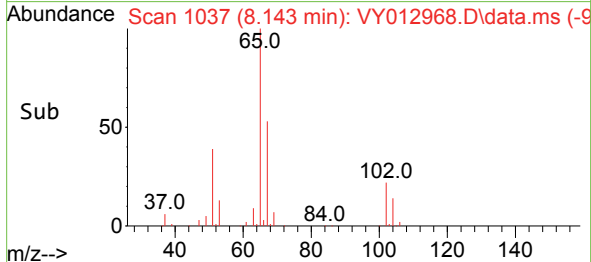
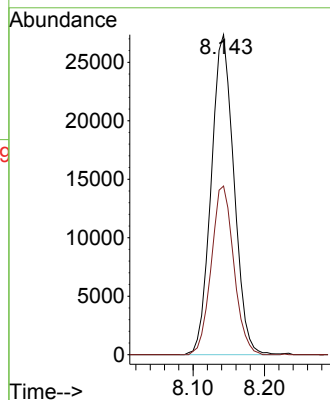
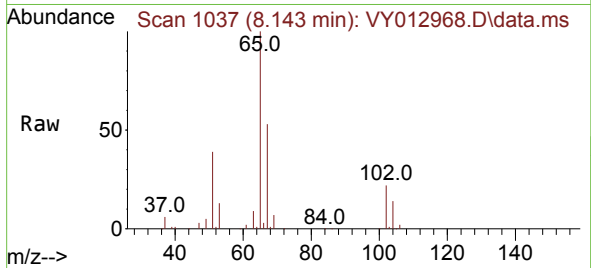




#33
 1,2-Dichloroethane-d4
 Concen: 67.890 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. -0.000 min
 Lab File: VY012968.D
 Acq: 16 Mar 2023 14:06

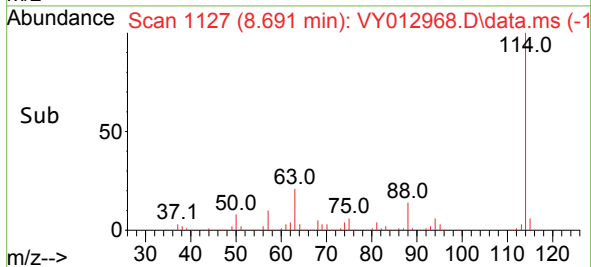
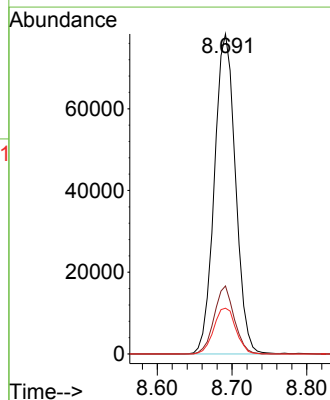
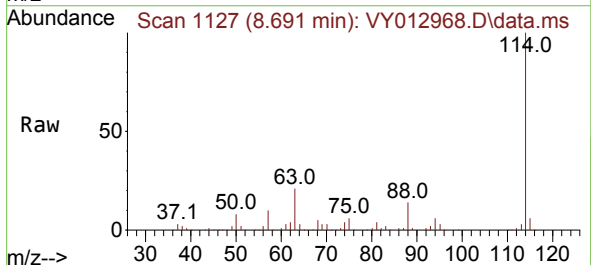
Instrument :
 MSVOA_Y
 ClientSampleId :
 CE-86B-031423

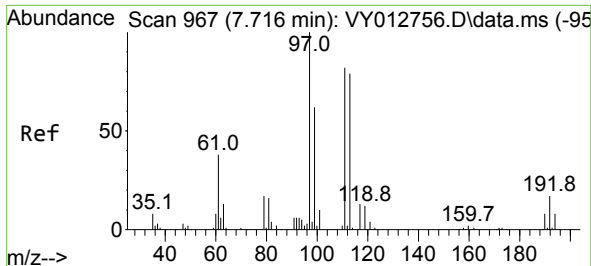
Tgt Ion: 65 Resp: 60406
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VY012968.D
 Acq: 16 Mar 2023 14:06

Tgt Ion: 114 Resp: 153478
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 37.4
 88 14.3 0.0 28.6

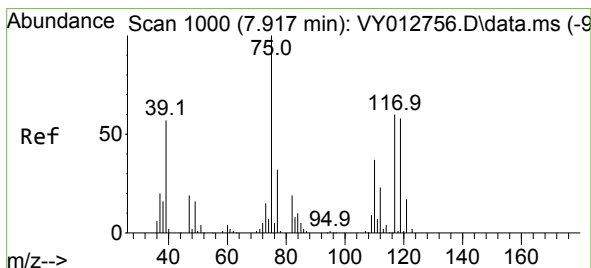
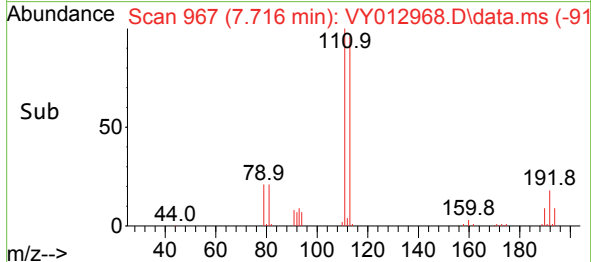
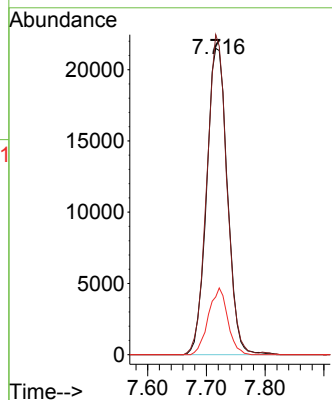
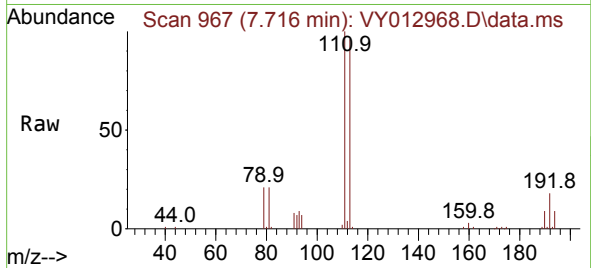




#35
Dibromofluoromethane
Concen: 57.005 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY012968.D
Acq: 16 Mar 2023 14:06

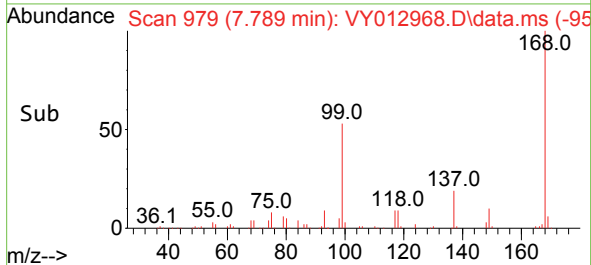
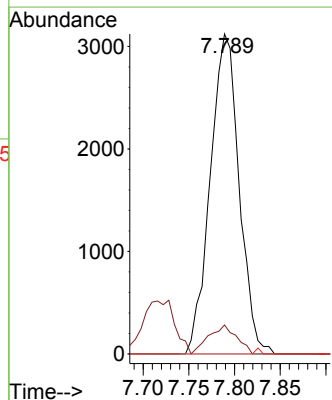
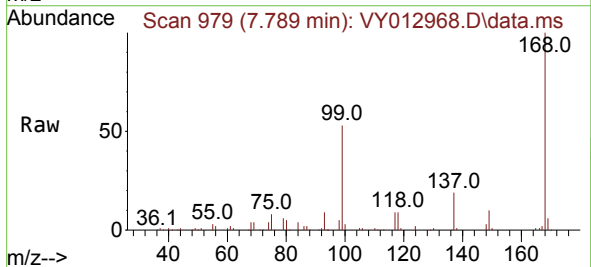
Instrument :
MSVOA_Y
ClientSampleId :
CE-86B-031423

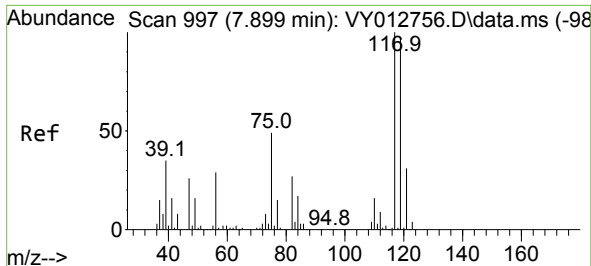
Tgt Ion:113 Resp: 52800
Ion Ratio Lower Upper
113 100
111 100.9 82.2 123.2
192 20.2 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.420 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY012968.D
Acq: 16 Mar 2023 14:06

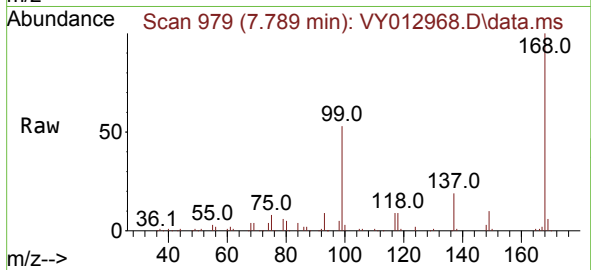
Tgt Ion: 75 Resp: 6860
Ion Ratio Lower Upper
75 100
110 8.7 17.8 53.3#
77 0.0 25.0 37.4#



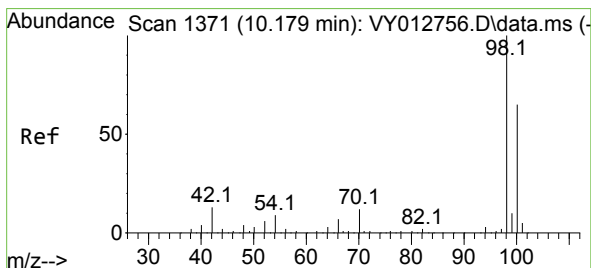
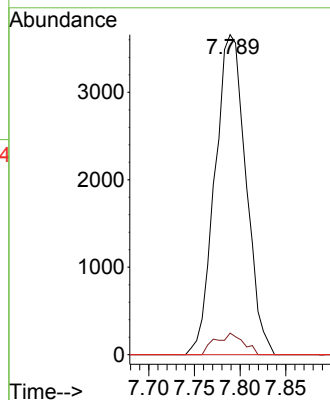
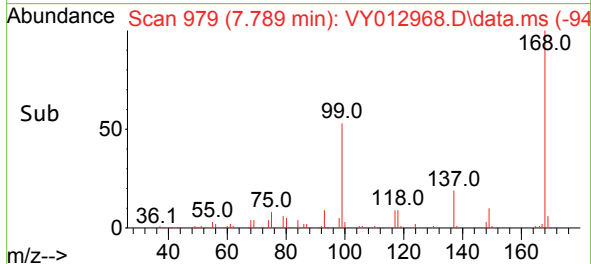


#38
Carbon Tetrachloride
Concen: 5.383 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY012968.D
Acq: 16 Mar 2023 14:06

Instrument :
MSVOA_Y
ClientSampleId :
CE-86B-031423

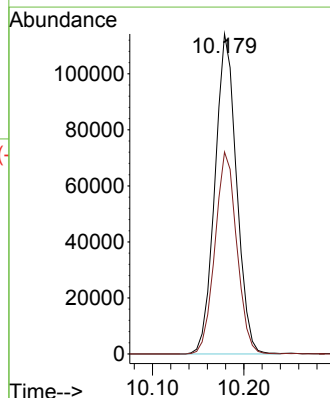
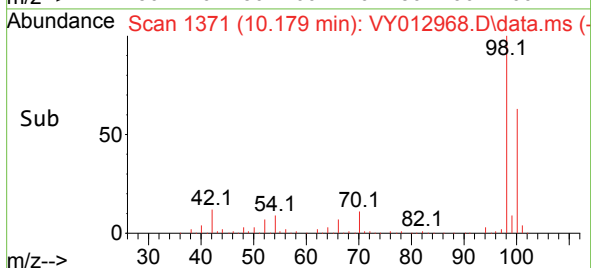
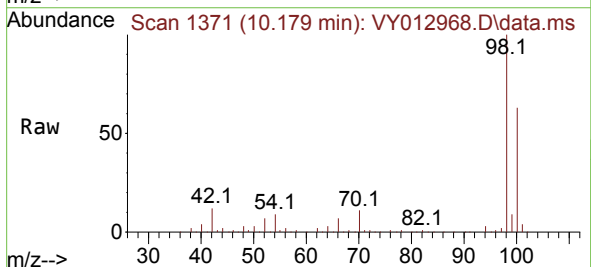


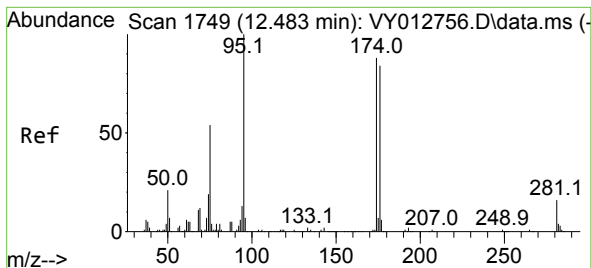
Tgt Ion:117 Resp: 8628
Ion Ratio Lower Upper
117 100
119 6.7 77.2 115.8#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 55.415 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012968.D
Acq: 16 Mar 2023 14:06

Tgt Ion: 98 Resp: 187643
Ion Ratio Lower Upper
98 100
100 63.5 50.9 76.3

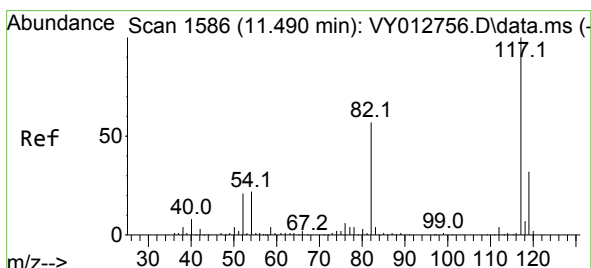
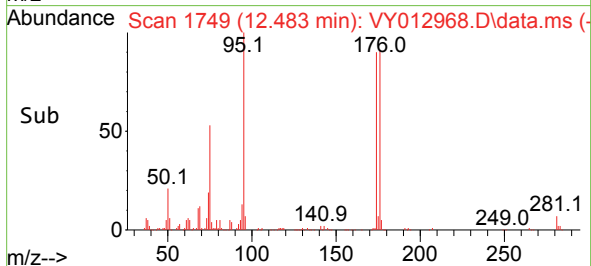
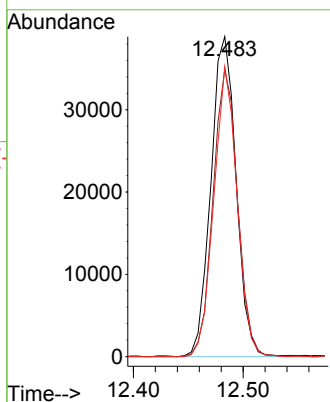
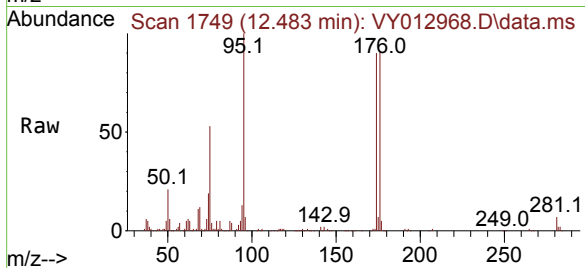




#62
4-Bromofluorobenzene
Concen: 54.290 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012968.D
Acq: 16 Mar 2023 14:06

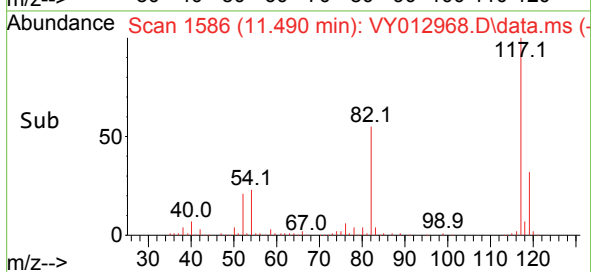
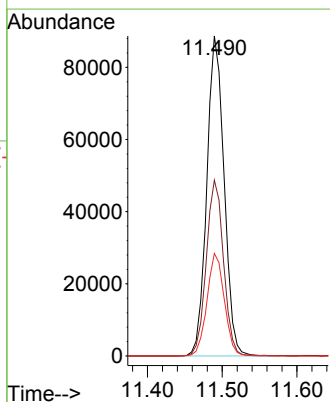
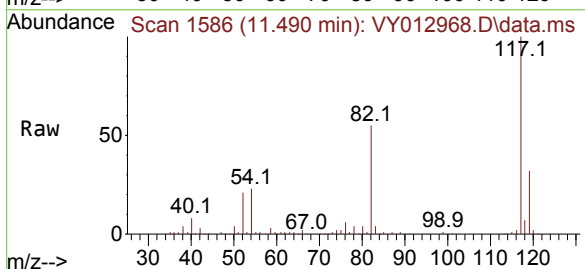
Instrument :
MSVOA_Y
ClientSampleId :
CE-86B-031423

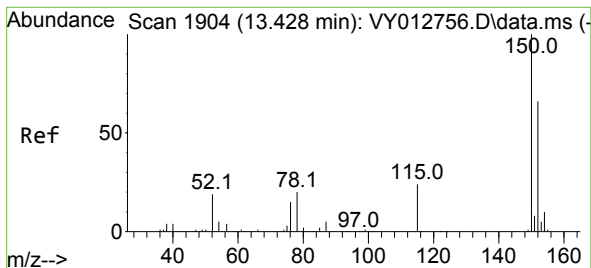
Tgt Ion: 95 Resp: 62048
Ion Ratio Lower Upper
95 100
174 87.5 0.0 176.6
176 83.8 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012968.D
Acq: 16 Mar 2023 14:06

Tgt Ion: 117 Resp: 142490
Ion Ratio Lower Upper
117 100
82 55.0 45.4 68.0
119 32.1 25.6 38.4

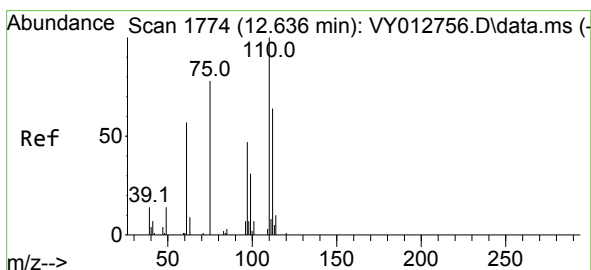
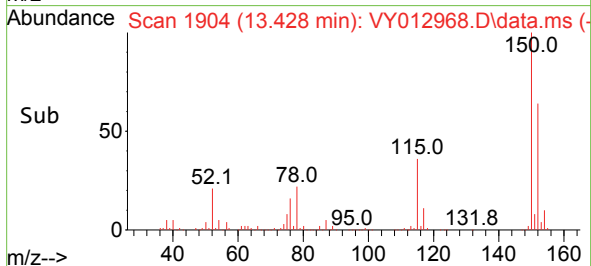
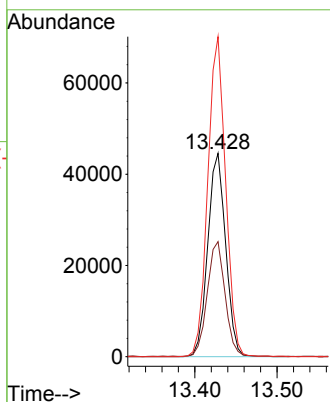
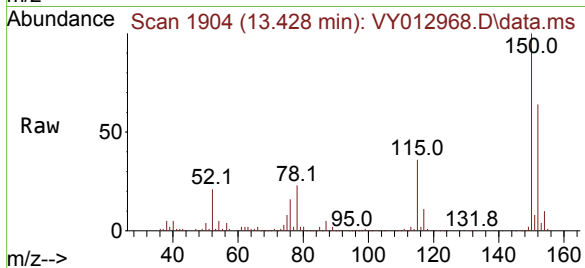




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY012968.D
 Acq: 16 Mar 2023 14:06

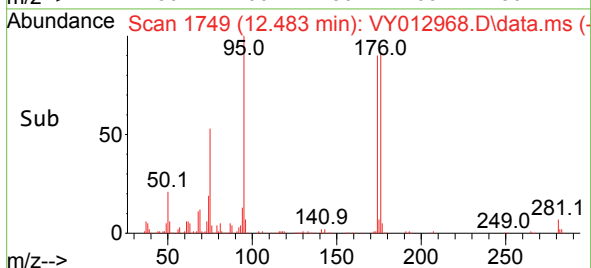
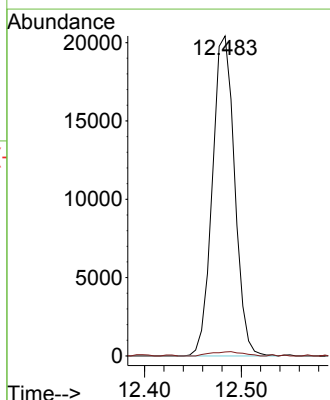
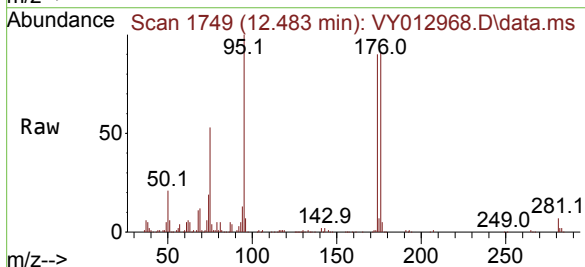
Instrument :
 MSVOA_Y
 ClientSampleId :
 CE-86B-031423

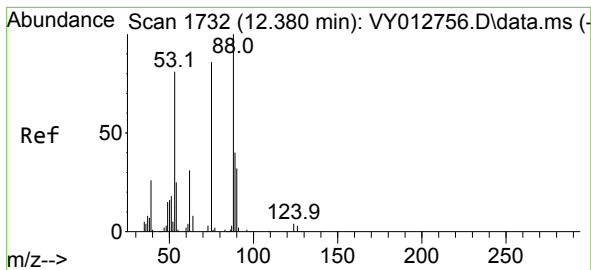
Tgt Ion:152 Resp: 67431
 Ion Ratio Lower Upper
 152 100
 115 56.3 27.1 81.3
 150 156.8 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 40.511 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY012968.D
 Acq: 16 Mar 2023 14:06

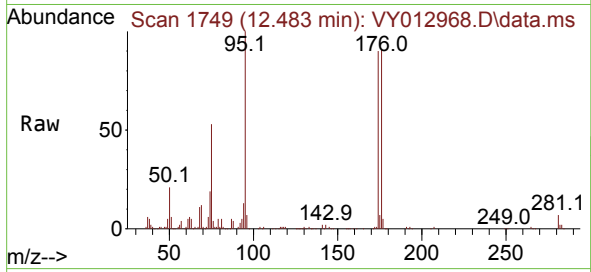
Tgt Ion: 75 Resp: 32621
 Ion Ratio Lower Upper
 75 100
 77 1.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.940 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY012968.D
 Acq: 16 Mar 2023 14:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 CE-86B-031423



Tgt Ion: 75 Resp: 32621
 Ion Ratio Lower Upper
 75 100
 53 0.2 73.4 110.0#
 89 0.1 36.6 55.0#

