

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021523\
 Data File : VY012607.D
 Acq On : 15 Feb 2023 12:09
 Operator : KP/MD
 Sample : 01552-17
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 16 00:52:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:09:03 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

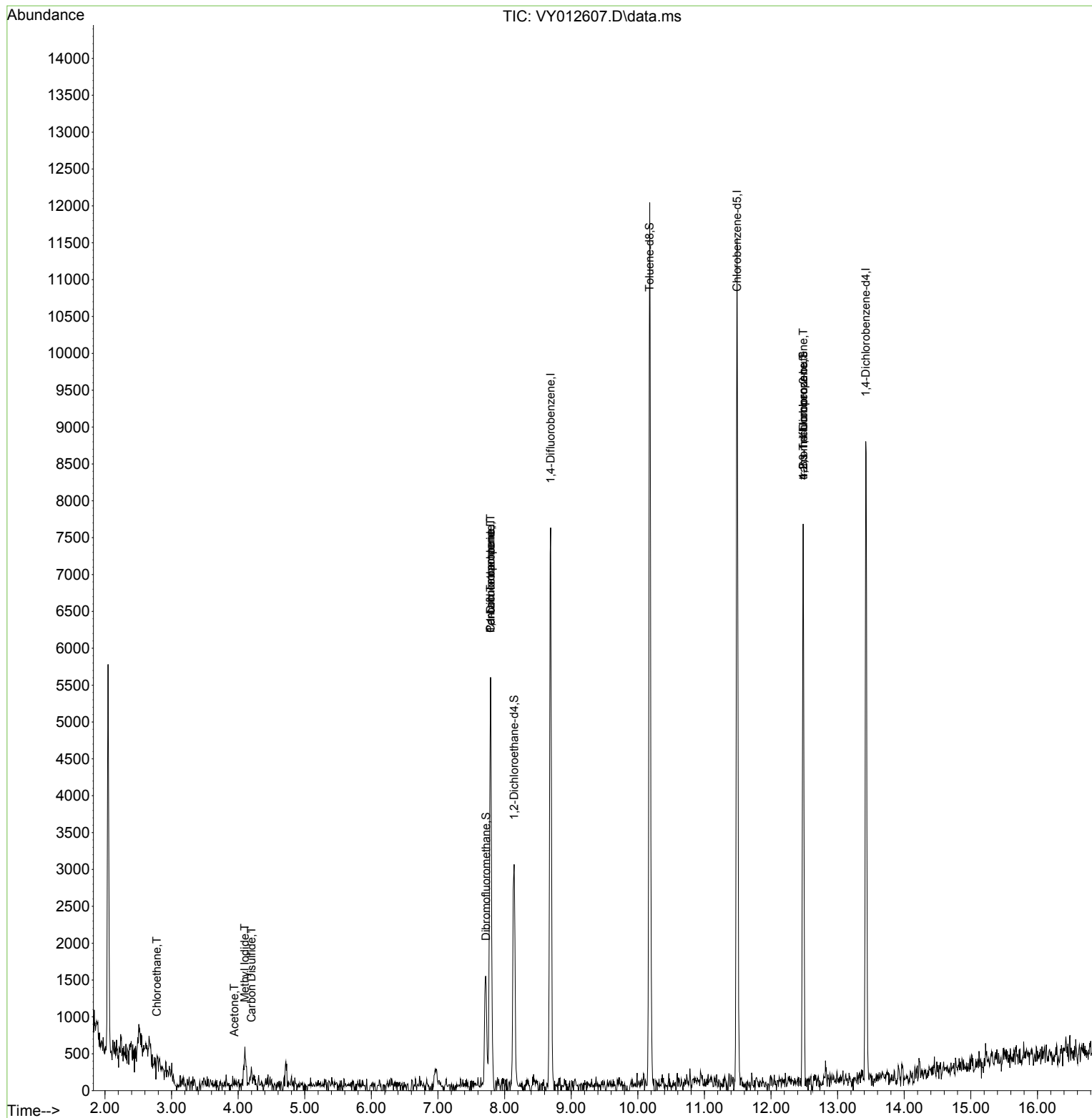
Internal Standards						
1) Pentafluorobenzene	7.789	168	4746	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	7550	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	7156	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	2733	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	2865	47.472	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.940%		
35) Dibromofluoromethane	7.722	113	1235	22.461	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	44.920%#		
50) Toluene-d8	10.179	98	8695	37.993	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	75.980%		
62) 4-Bromofluorobenzene	12.483	95	2509	31.431	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	62.860%		
Target Compounds						Qvalue
5) Bromomethane	2.668	94	53	Below Cal		91
6) Chloroethane	2.778	64	59	1.840 ug/l #		43
10) Methyl Iodide	4.101	142	642	10.356 ug/l #		92
16) Acetone	3.942	43	46	3.167 ug/l #		41
17) Carbon Disulfide	4.198	76	317	2.587 ug/l #		76
20) Methylene Chloride	4.710	84	219	Below Cal #		43
36) 1,1-Dichloropropene	7.789	75	277	3.722 ug/l #		39
38) Carbon Tetrachloride	7.789	117	391	3.914 ug/l #		13
76) 1,2,3-Trichloropropane	12.483	75	1215	39.792 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.483	75	1215	89.732 ug/l #		12

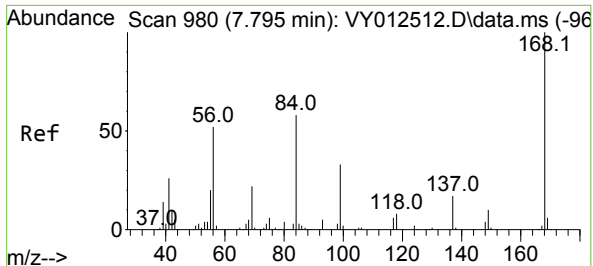
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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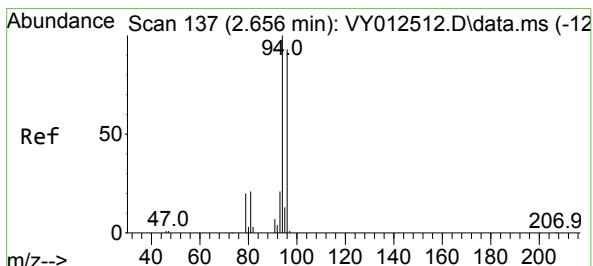
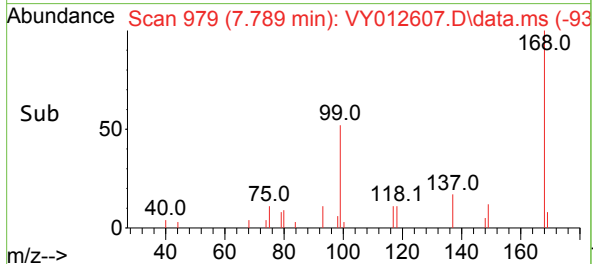
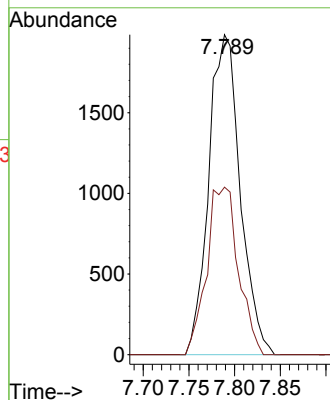
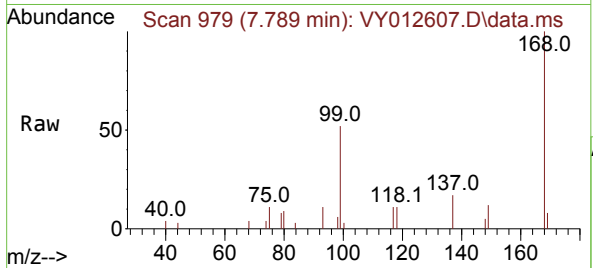




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012607.D
Acq: 15 Feb 2023 12:09

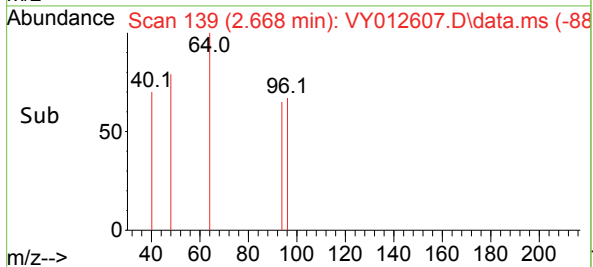
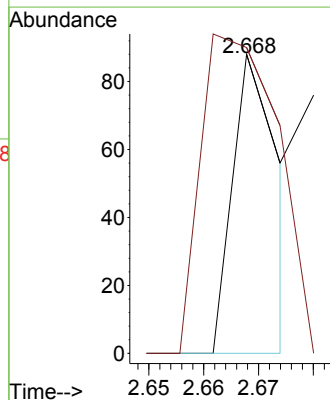
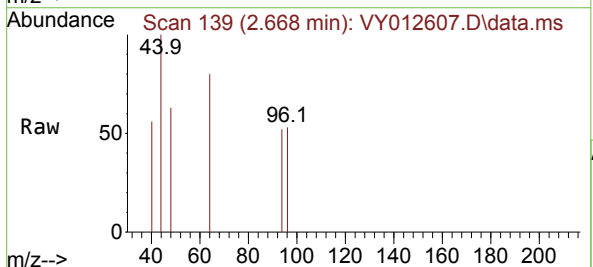
Instrument :
MSVOA_Y
ClientSampleId :

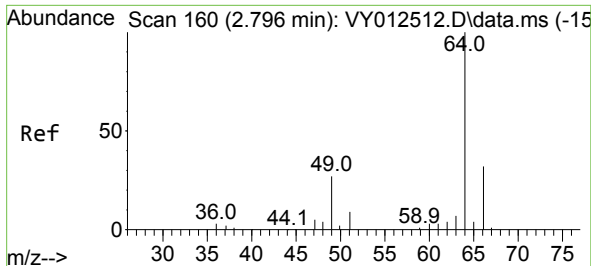
Tgt Ion:168 Resp: 4746
Ion Ratio Lower Upper
168 100
99 52.3 40.8 61.2



#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 139
Delta R.T. 0.012 min
Lab File: VY012607.D
Acq: 15 Feb 2023 12:09

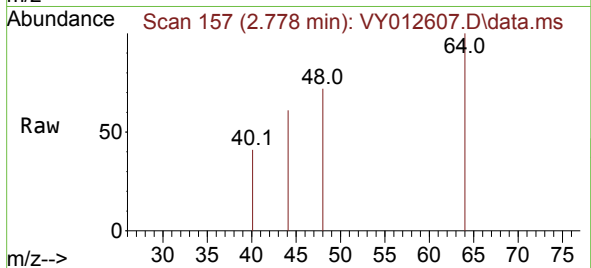
Tgt Ion: 94 Resp: 53
Ion Ratio Lower Upper
94 100
96 102.3 74.7 112.1



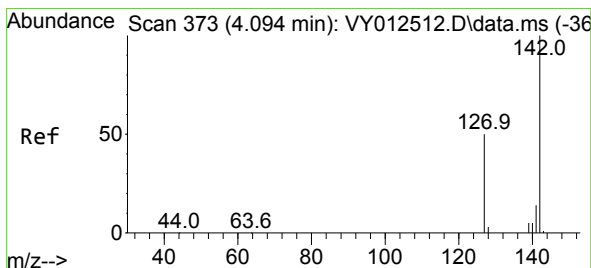
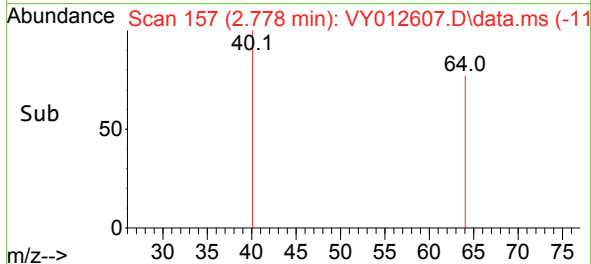
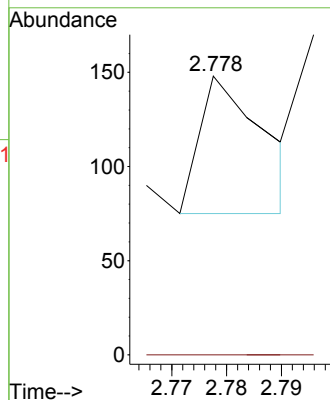


#6
Chloroethane
Concen: 1.840 ug/l
RT: 2.778 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY012607.D
Acq: 15 Feb 2023 12:09

Instrument :
MSVOA_Y
ClientSampleId :

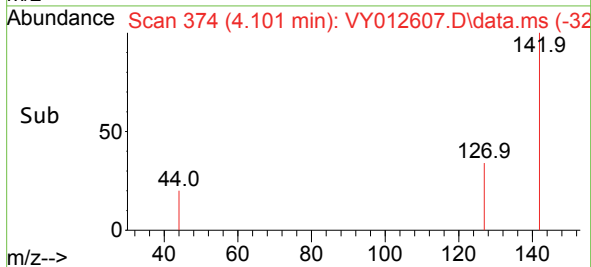
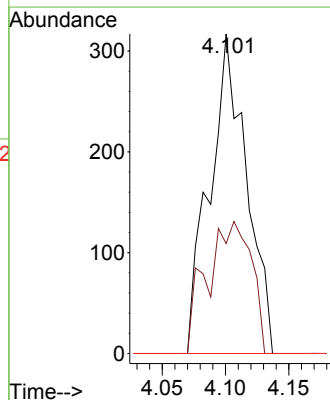
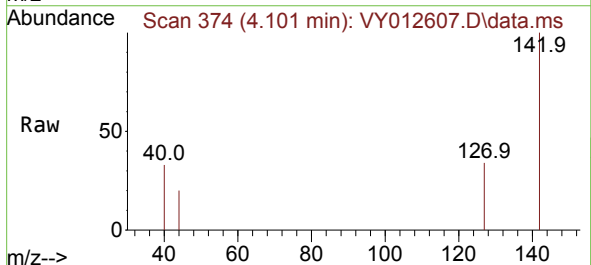


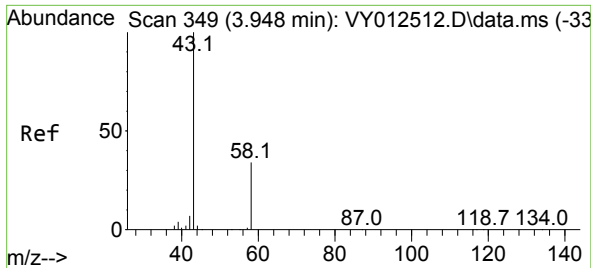
Tgt Ion: 64 Resp: 59
Ion Ratio Lower Upper
64 100
66 0.0 25.7 38.5#



#10
Methyl Iodide
Concen: 10.356 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.006 min
Lab File: VY012607.D
Acq: 15 Feb 2023 12:09

Tgt Ion:142 Resp: 642
Ion Ratio Lower Upper
142 100
127 50.0 39.8 59.6
141 0.0 11.6 17.4#





#16

Acetone

Concen: 3.167 ug/l

RT: 3.942 min Scan# 34

Delta R.T. -0.006 min

Lab File: VY012607.D

Acq: 15 Feb 2023 12:09

Instrument :

MSVOA_Y

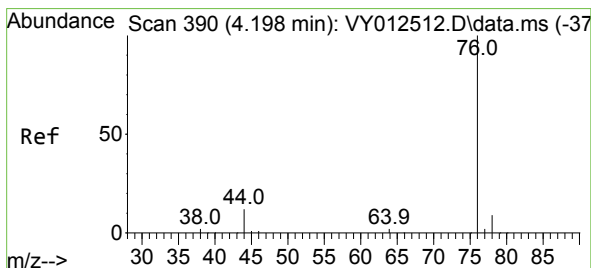
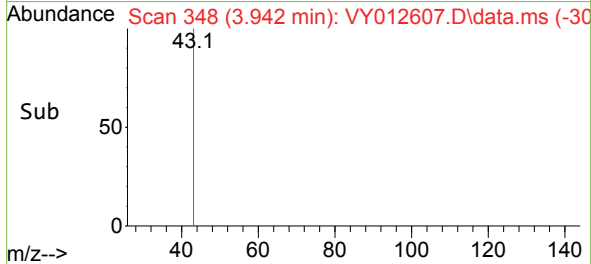
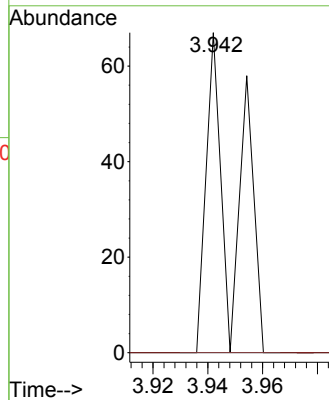
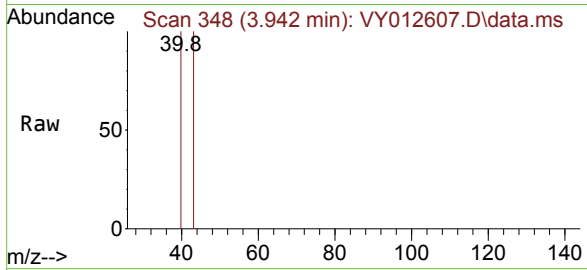
ClientSampleId :

Tgt Ion: 43 Resp: 46

Ion Ratio Lower Upper

43 100

58 0.0 27.1 40.7#



#17

Carbon Disulfide

Concen: 2.587 ug/l

RT: 4.198 min Scan# 390

Delta R.T. 0.000 min

Lab File: VY012607.D

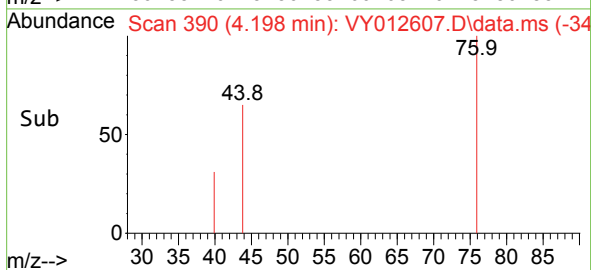
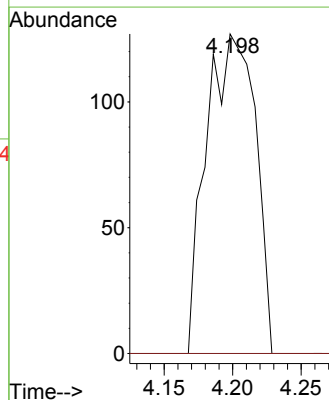
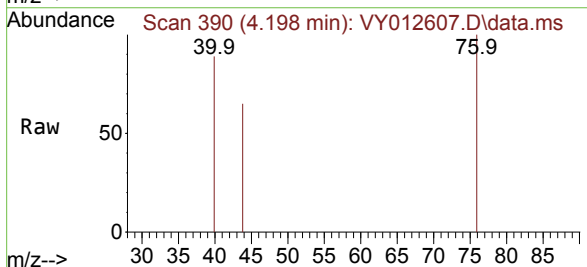
Acq: 15 Feb 2023 12:09

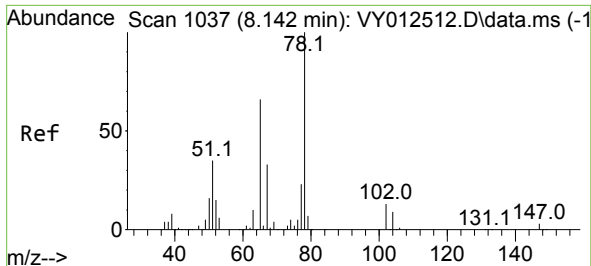
Tgt Ion: 76 Resp: 317

Ion Ratio Lower Upper

76 100

78 0.0 6.9 10.3#





#33

1,2-Dichloroethane-d4

Concen: 47.472 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY012607.D

Acq: 15 Feb 2023 12:09

Instrument :

MSVOA_Y

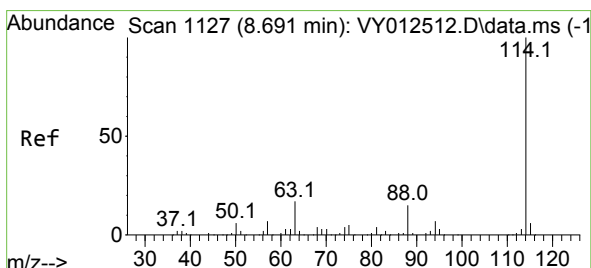
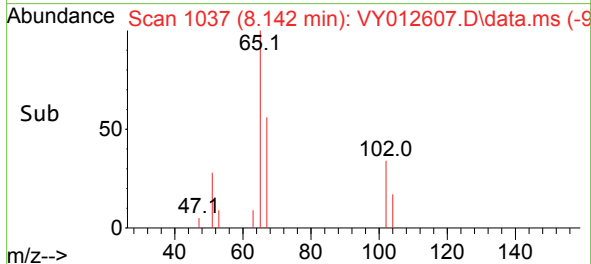
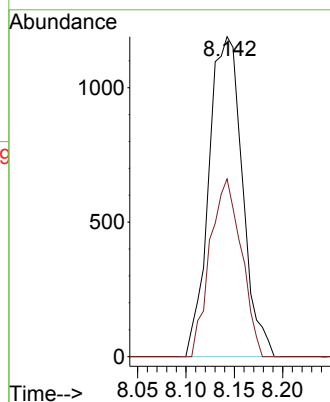
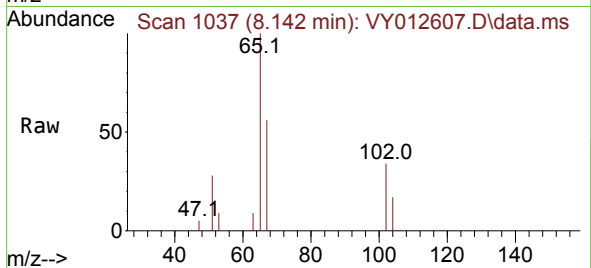
ClientSampleId :

Tgt Ion: 65 Resp: 2865

Ion Ratio Lower Upper

65 100

67 51.9 0.0 98.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012607.D

Acq: 15 Feb 2023 12:09

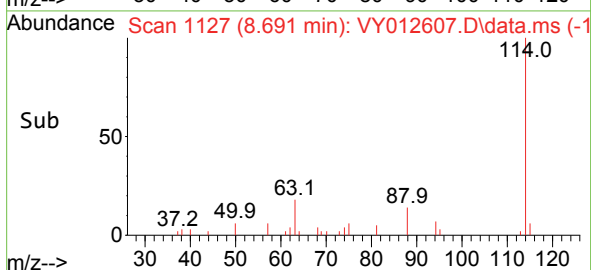
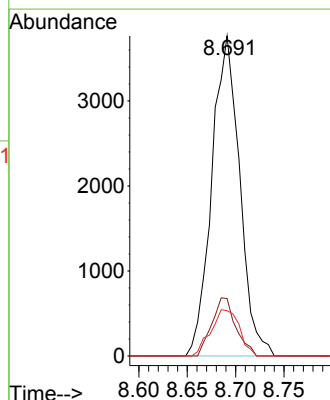
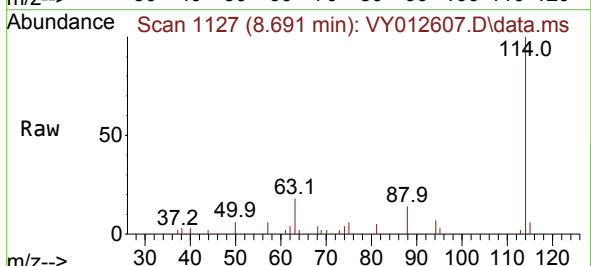
Tgt Ion: 114 Resp: 7550

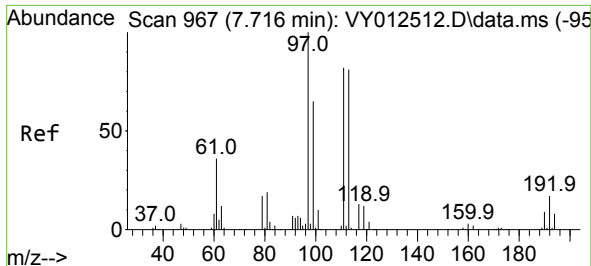
Ion Ratio Lower Upper

114 100

63 18.0 0.0 33.6

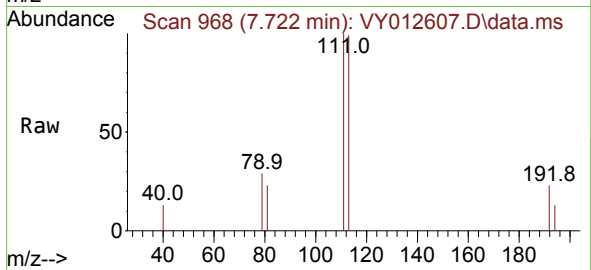
88 14.1 0.0 29.8



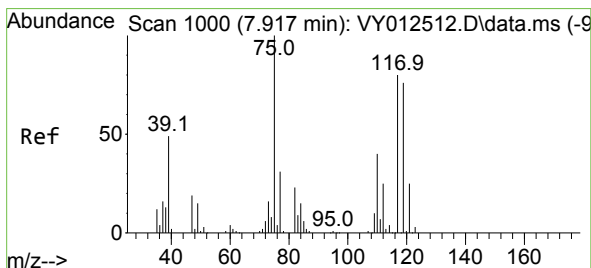
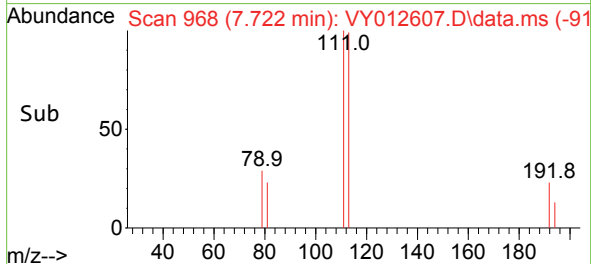
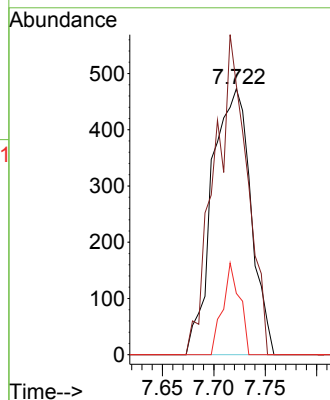


#35
 Dibromofluoromethane
 Concen: 22.461 ug/l
 RT: 7.722 min Scan# 911
 Delta R.T. 0.006 min
 Lab File: VY012607.D
 Acq: 15 Feb 2023 12:09

Instrument :
 MSVOA_Y
 ClientSampleId :

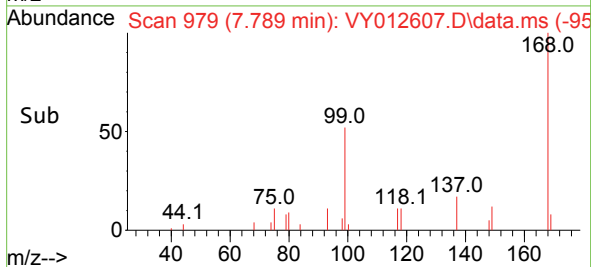
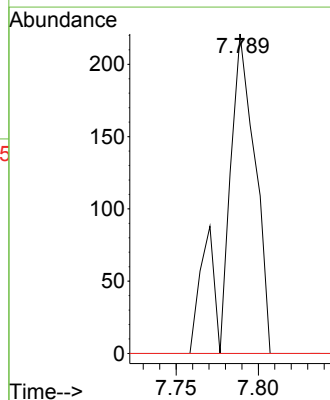
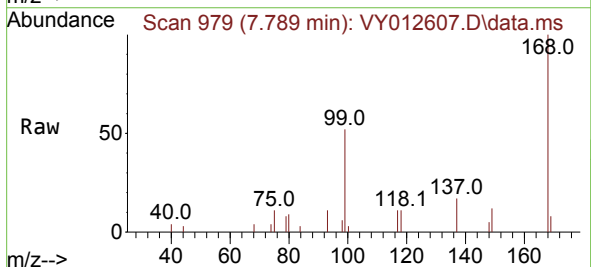


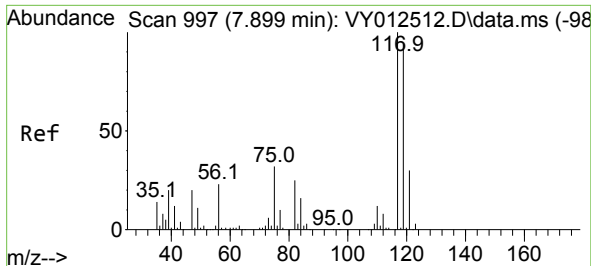
Tgt Ion:113 Resp: 1235
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.9 122.9
 192 15.1 17.5 26.3#



#36
 1,1-Dichloropropene
 Concen: 3.722 ug/l
 RT: 7.789 min Scan# 979
 Delta R.T. -0.128 min
 Lab File: VY012607.D
 Acq: 15 Feb 2023 12:09

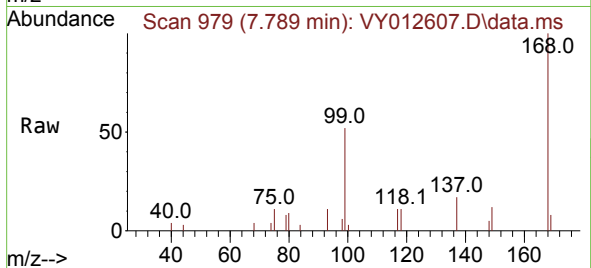
Tgt Ion: 75 Resp: 277
 Ion Ratio Lower Upper
 75 100
 110 0.0 19.5 58.5#
 77 0.0 24.9 37.3#



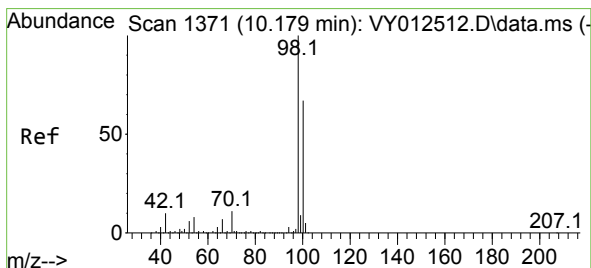
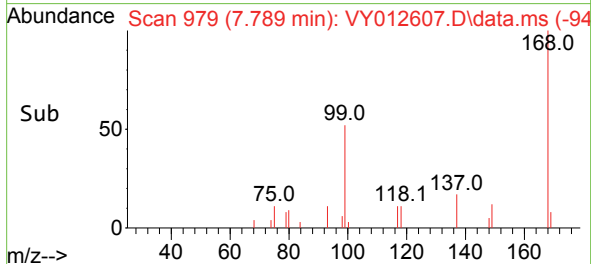
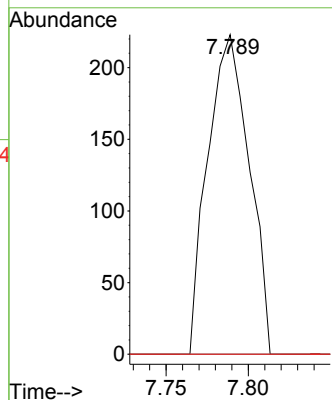


#38
Carbon Tetrachloride
Concen: 3.914 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY012607.D
Acq: 15 Feb 2023 12:09

Instrument :
MSVOA_Y
ClientSampleId :

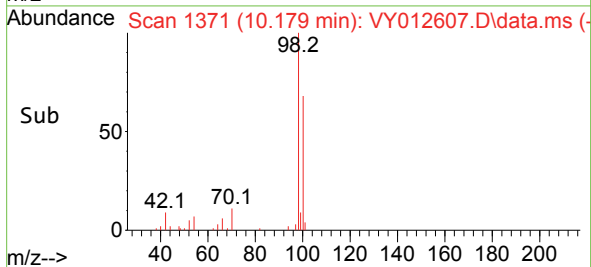
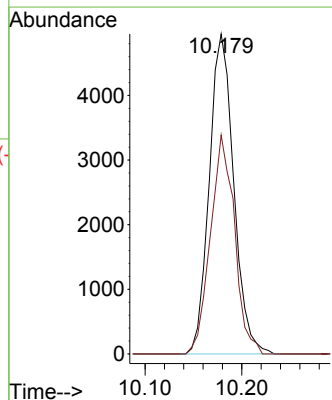
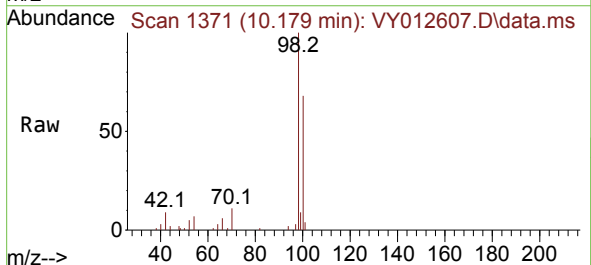


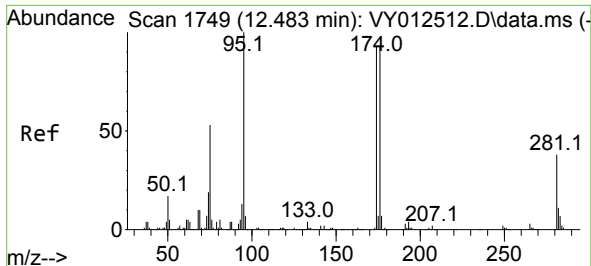
Tgt Ion:117 Resp: 391
Ion Ratio Lower Upper
117 100
119 0.0 75.1 112.7#
121 0.0 24.3 36.5#



#50
Toluene-d8
Concen: 37.993 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012607.D
Acq: 15 Feb 2023 12:09

Tgt Ion: 98 Resp: 8695
Ion Ratio Lower Upper
98 100
100 67.4 52.2 78.2

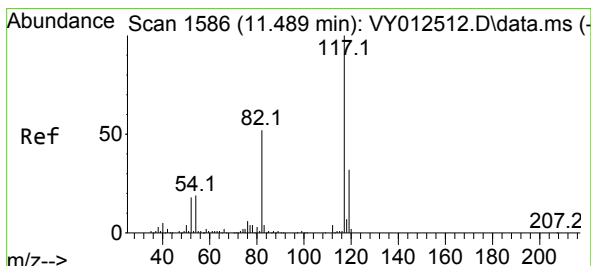
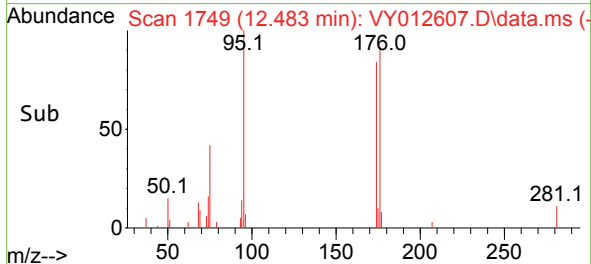
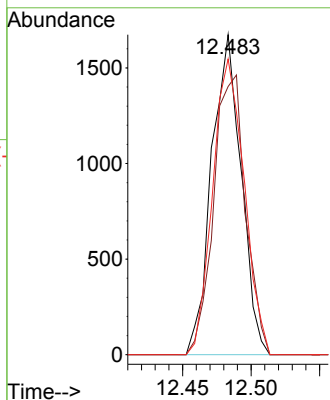
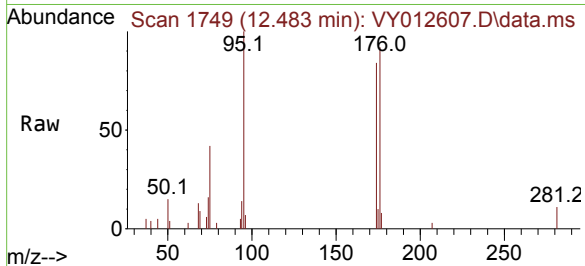




#62
4-Bromofluorobenzene
Concen: 31.431 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012607.D
Acq: 15 Feb 2023 12:09

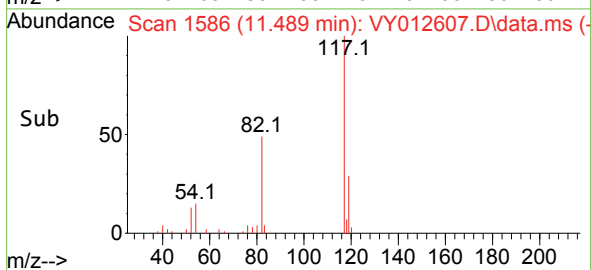
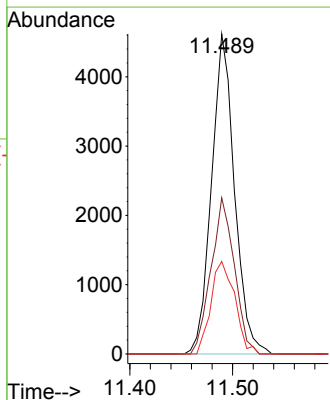
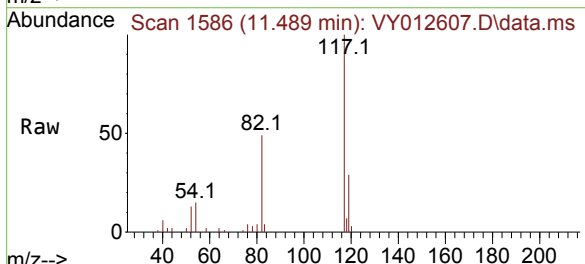
Instrument :
MSVOA_Y
ClientSampleId :

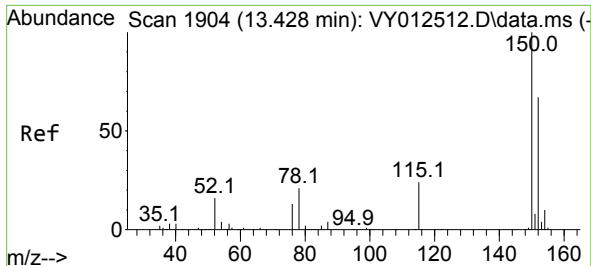
Tgt Ion:	95	Resp:	2509
Ion Ratio	Lower	Upper	
95	100		
174	94.1	0.0	188.0
176	98.7	0.0	183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY012607.D
Acq: 15 Feb 2023 12:09

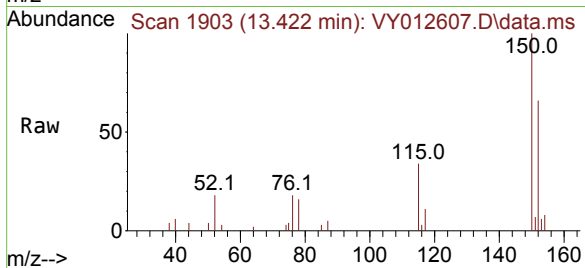
Tgt Ion:	117	Resp:	7156
Ion Ratio	Lower	Upper	
117	100		
82	48.8	41.7	62.5
119	28.9	25.8	38.8



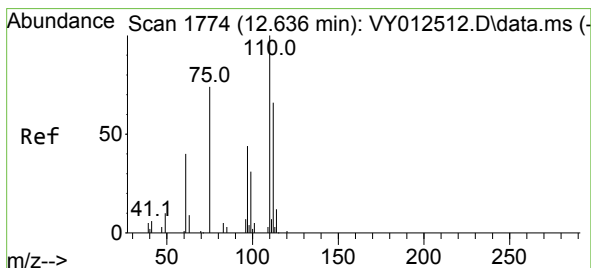
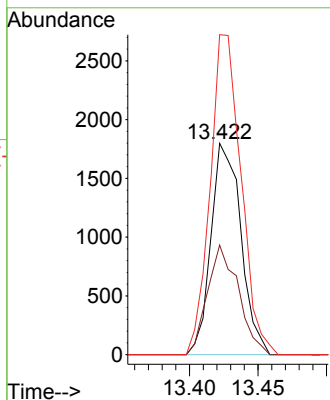
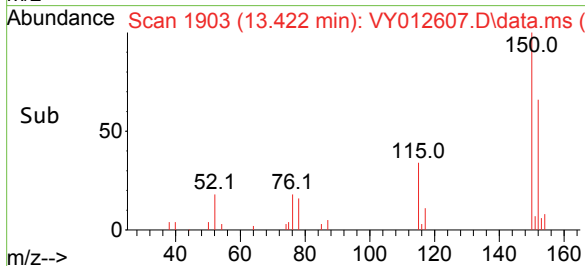


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1904
 Delta R.T. -0.006 min
 Lab File: VY012607.D
 Acq: 15 Feb 2023 12:09

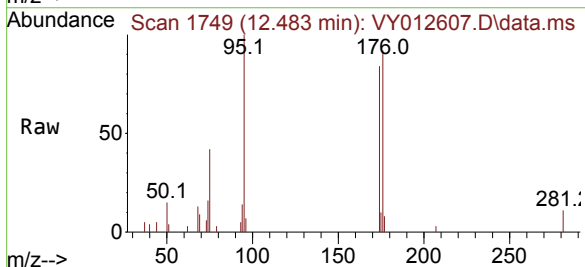
Instrument :
 MSVOA_Y
 ClientSampleId :



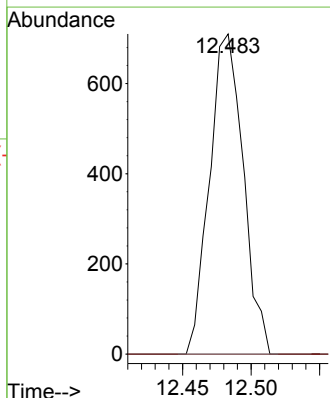
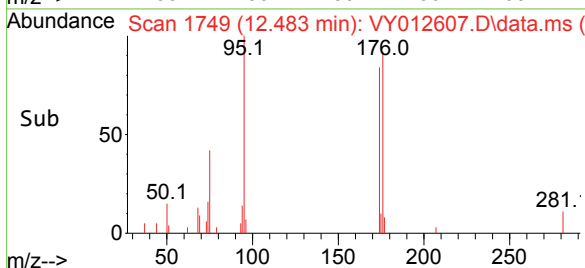
Tgt Ion:152 Resp: 2733
 Ion Ratio Lower Upper
 152 100
 115 53.5 28.1 84.3
 150 156.2 0.0 351.0

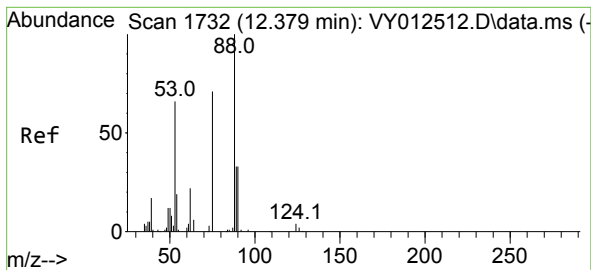


#76
 1,2,3-Trichloropropane
 Concen: 39.792 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY012607.D
 Acq: 15 Feb 2023 12:09



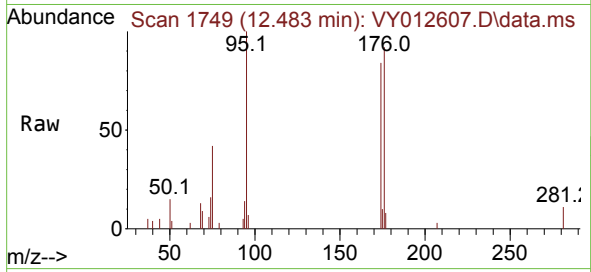
Tgt Ion: 75 Resp: 1215
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.732 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY012607.D
 Acq: 15 Feb 2023 12:09

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 1215
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.1 109.7#
 89 0.0 39.9 59.9#

