

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100422\
 Data File : VY010796.D
 Acq On : 04 Oct 2022 15:32
 Operator : KP/MD
 Sample : N4948-04
 Misc : 6.69g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 05 07:31:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

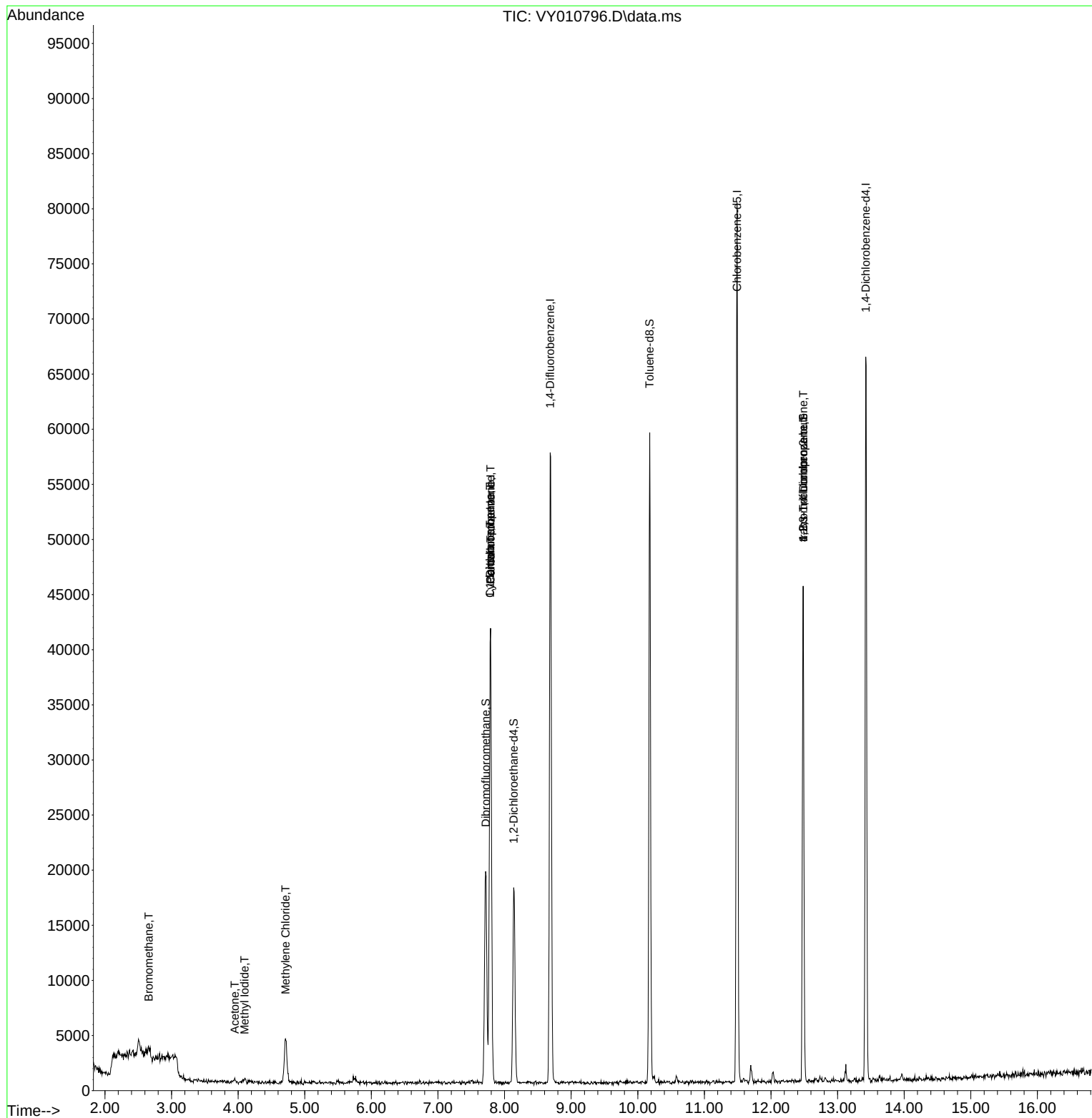
Internal Standards						
1) Pentafluorobenzene	7.789	168	32508	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	50832	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	43979	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	18085	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	14092	42.767	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	85.540%		
35) Dibromofluoromethane	7.716	113	14085	41.742	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	83.480%		
50) Toluene-d8	10.179	98	38682	33.521	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	67.040%		
62) 4-Bromofluorobenzene	12.483	95	13390	28.088	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	56.180%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.656	94	401	1.253	ug/l #	77
10) Methyl Iodide	4.095	142	504	1.197	ug/l #	73
16) Acetone	3.948	43	429	5.126	ug/l #	47
20) Methylene Chloride	4.710	84	3046	3.446	ug/l #	89
31) Cyclohexane	7.783	56	663	1.124	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	2504	5.141	ug/l #	48
38) Carbon Tetrachloride	7.789	117	3191	6.290	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	6913	37.746	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	6913	78.848	ug/l #	7

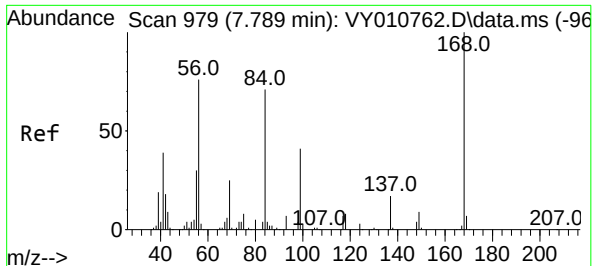
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100422\
Data File : VY010796.D
Acq On : 04 Oct 2022 15:32
Operator : KP/MD
Sample : N4948-04
Misc : 6.69g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Oct 05 07:31:02 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 04 07:26:22 2022
Response via : Initial Calibration

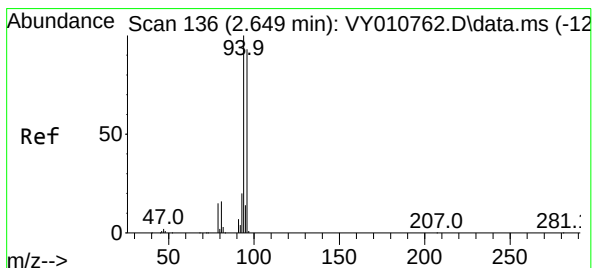
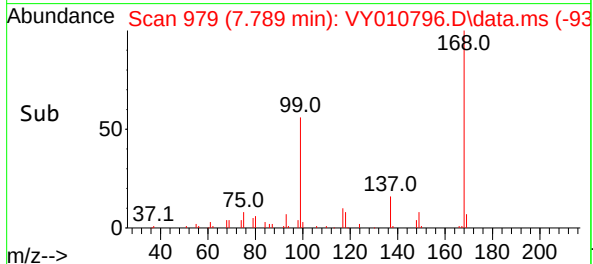
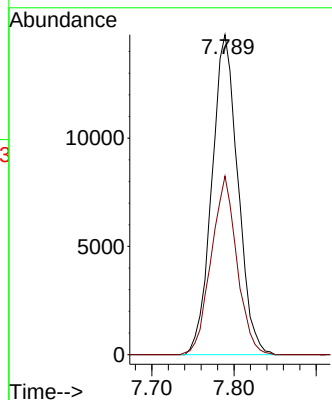
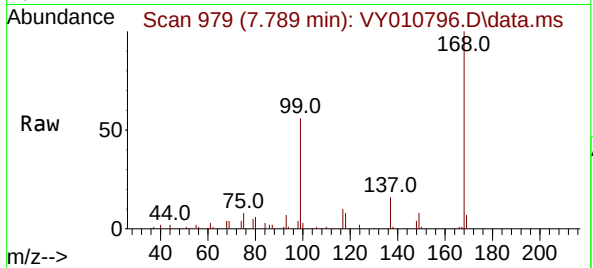




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY010796.D
Acq: 04 Oct 2022 15:32

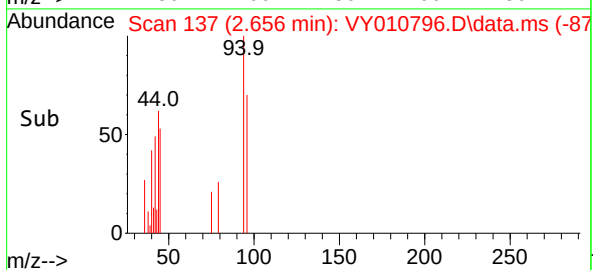
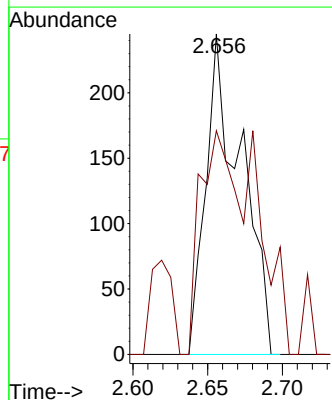
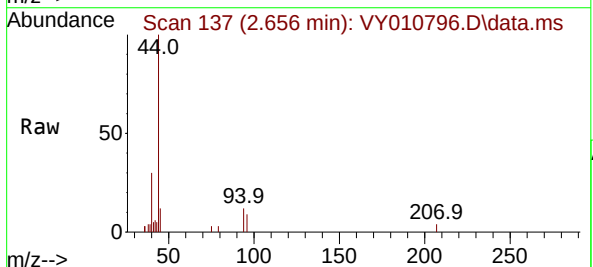
Instrument :
MSVOA_Y
ClientSampleId :

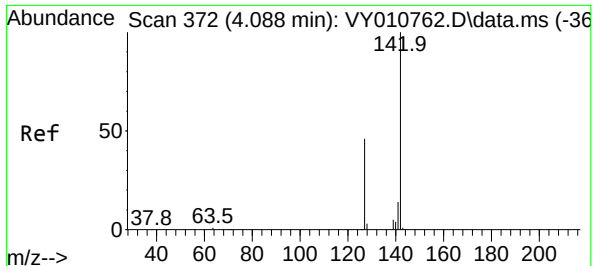
Tgt Ion:168 Resp: 32508
Ion Ratio Lower Upper
168 100
99 55.8 46.9 70.3



#5
Bromomethane
Concen: 1.253 ug/l
RT: 2.656 min Scan# 137
Delta R.T. 0.007 min
Lab File: VY010796.D
Acq: 04 Oct 2022 15:32

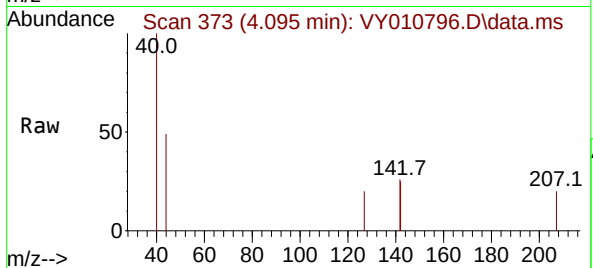
Tgt Ion: 94 Resp: 401
Ion Ratio Lower Upper
94 100
96 69.8 73.5 110.3#



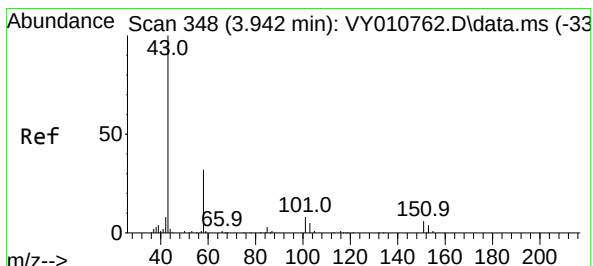
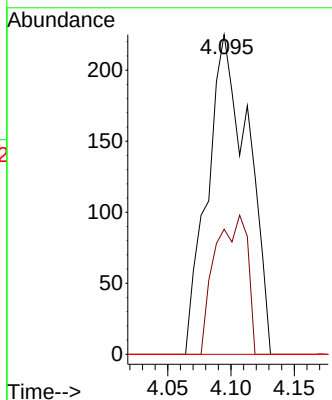
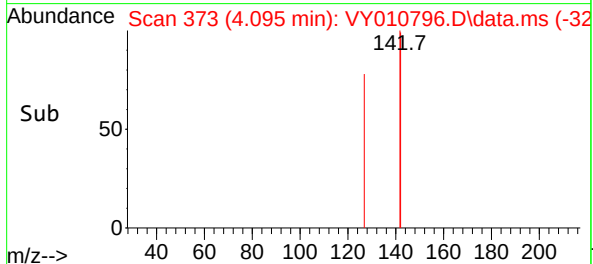


#10
Methyl Iodide
Concen: 1.197 ug/l
RT: 4.095 min Scan# 31
Delta R.T. 0.007 min
Lab File: VY010796.D
Acq: 04 Oct 2022 15:32

Instrument :
MSVOA_Y
ClientSampleId :

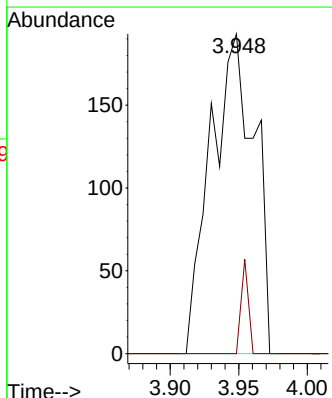
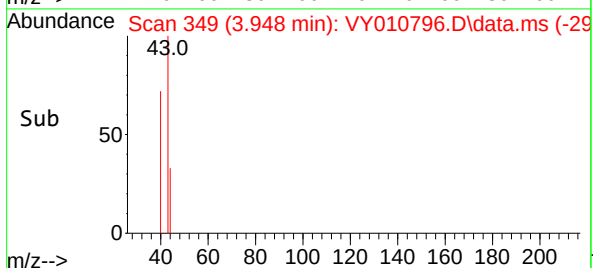
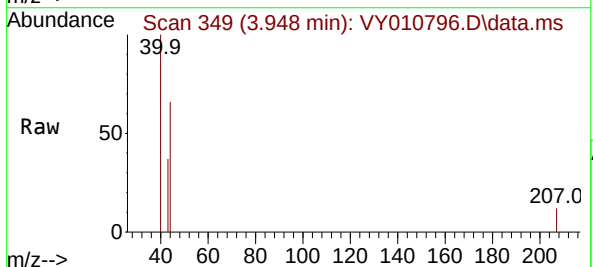


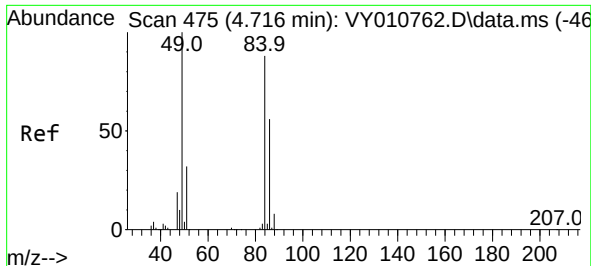
Tgt Ion:142 Resp: 504
Ion Ratio Lower Upper
142 100
127 34.7 41.5 62.3#
141 0.0 11.9 17.9#



#16
Acetone
Concen: 5.126 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY010796.D
Acq: 04 Oct 2022 15:32

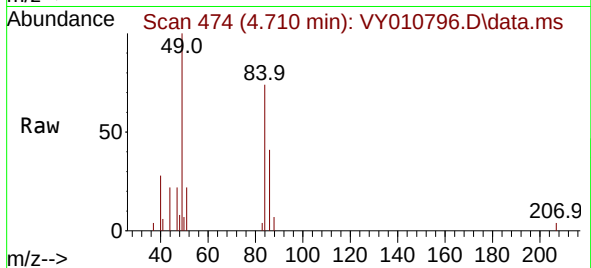
Tgt Ion: 43 Resp: 429
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



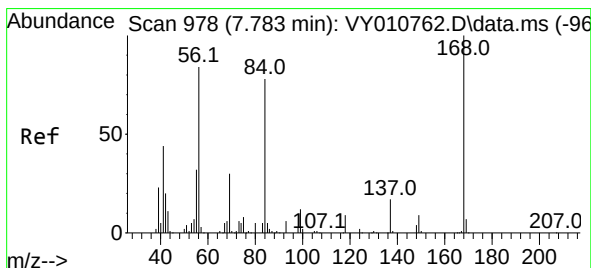
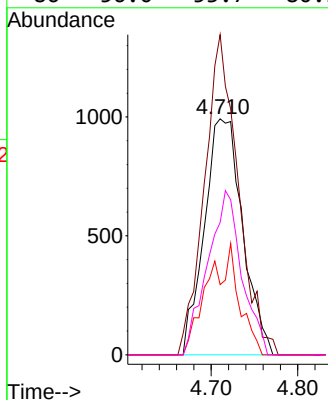
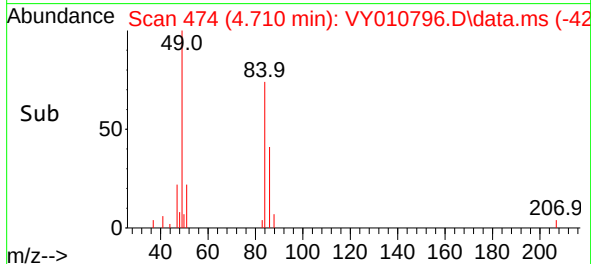


#20
Methylene Chloride
Concen: 3.446 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY010796.D
Acq: 04 Oct 2022 15:32

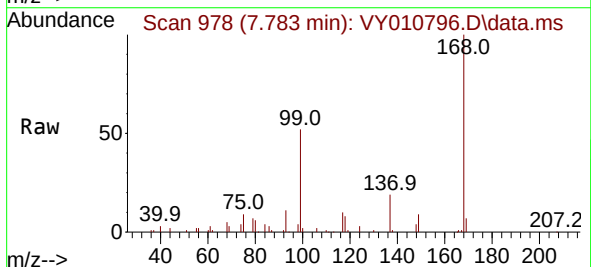
Instrument :
MSVOA_Y
ClientSampleId :



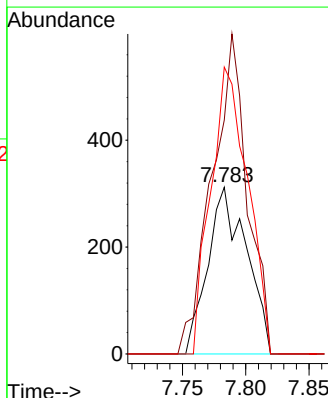
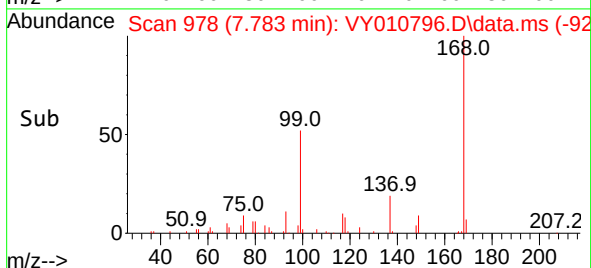
Tgt Ion:	84	Resp:	3046
Ion	Ratio	Lower	Upper
84	100		
49	135.7	114.4	171.6
51	29.7	35.3	52.9#
86	56.0	53.7	80.5

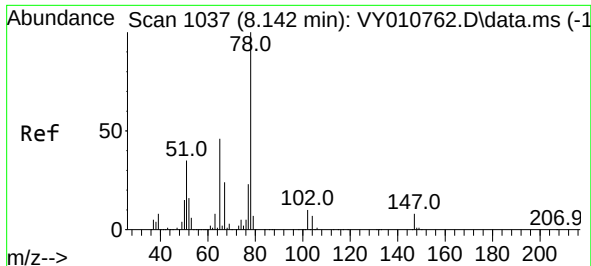


#31
Cyclohexane
Concen: 1.124 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY010796.D
Acq: 04 Oct 2022 15:32



Tgt Ion:	56	Resp:	663
Ion	Ratio	Lower	Upper
56	100		
69	140.4	26.7	40.1#
84	172.1	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 42.767 ug/l

RT: 8.137 min Scan# 110

Delta R.T. -0.005 min

Lab File: VY010796.D

Acq: 04 Oct 2022 15:32

Instrument :

MSVOA_Y

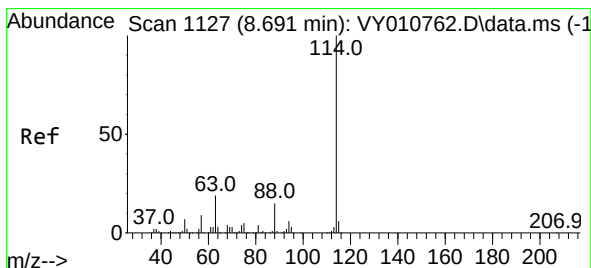
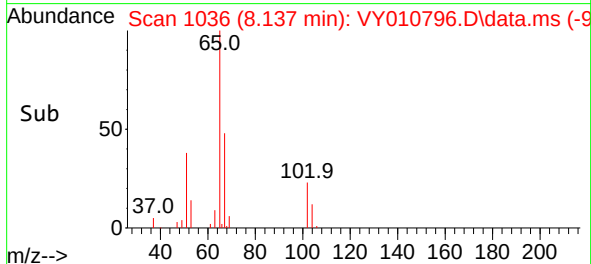
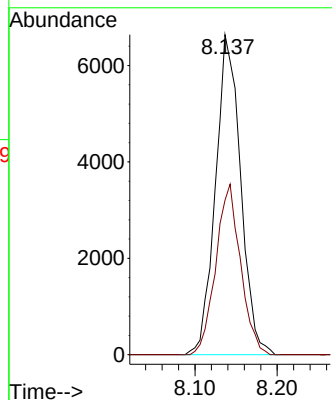
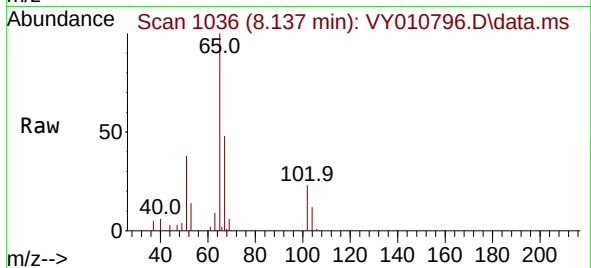
ClientSampleId :

Tgt Ion: 65 Resp: 14092

Ion Ratio Lower Upper

65 100

67 52.4 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY010796.D

Acq: 04 Oct 2022 15:32

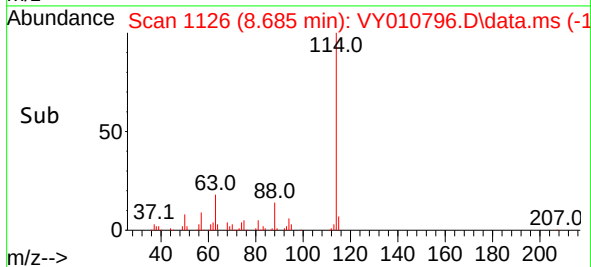
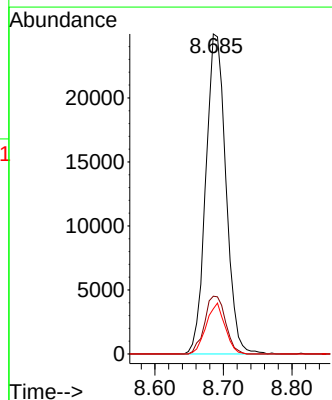
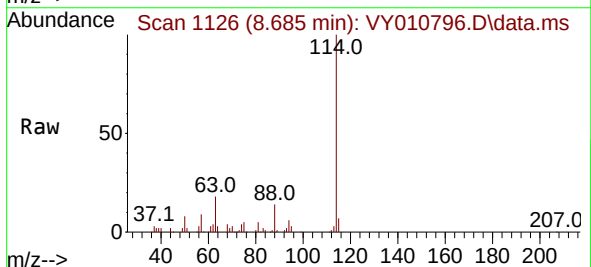
Tgt Ion: 114 Resp: 50832

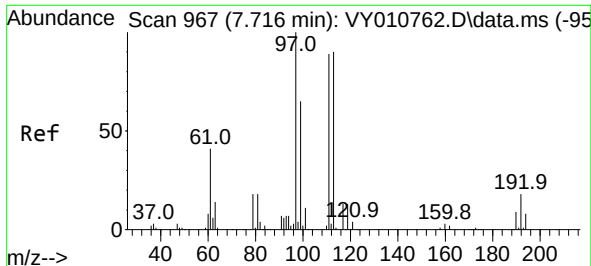
Ion Ratio Lower Upper

114 100

63 18.0 0.0 43.2

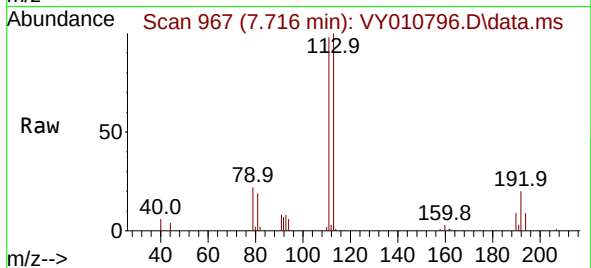
88 14.1 0.0 31.8



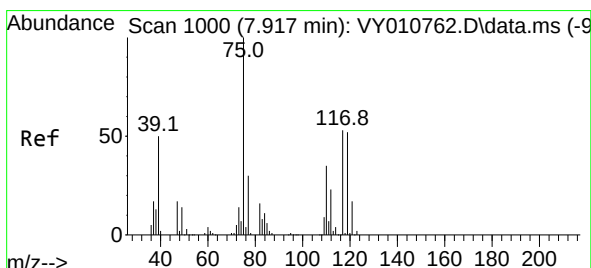
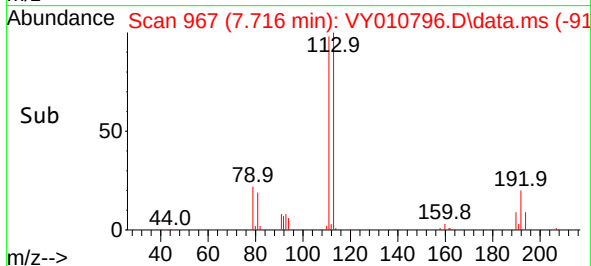
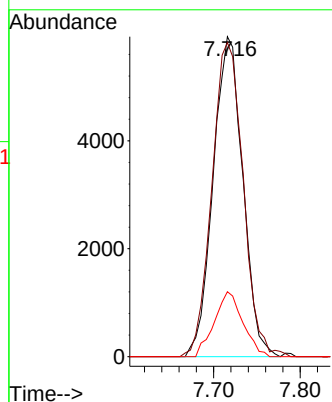


#35
Dibromofluoromethane
Concen: 41.742 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY010796.D
Acq: 04 Oct 2022 15:32

Instrument :
MSVOA_Y
ClientSampleId :

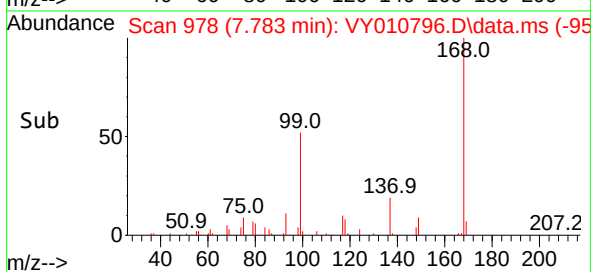
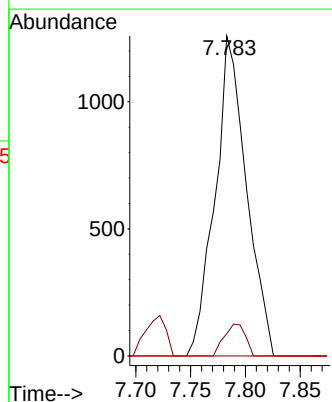
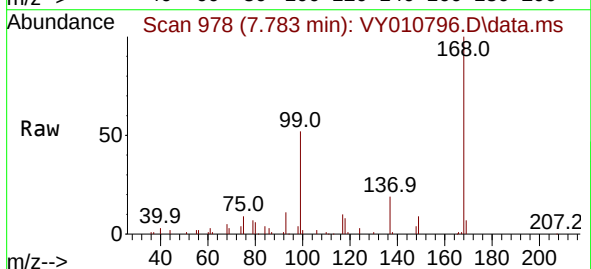


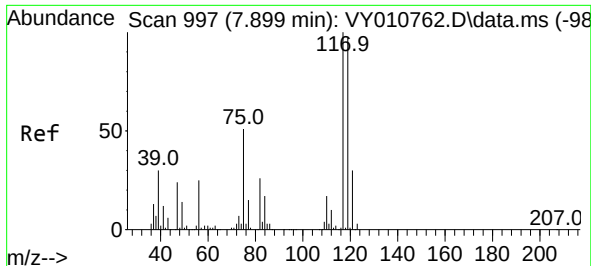
Tgt Ion:113 Resp: 14085
Ion Ratio Lower Upper
113 100
111 103.2 82.6 124.0
192 19.6 17.6 26.4



#36
1,1-Dichloropropene
Concen: 5.141 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY010796.D
Acq: 04 Oct 2022 15:32

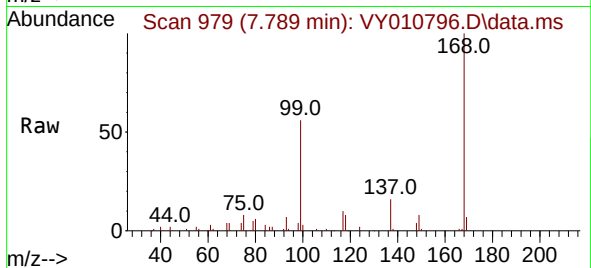
Tgt Ion: 75 Resp: 2504
Ion Ratio Lower Upper
75 100
110 6.7 17.1 51.2#
77 0.0 24.4 36.6#



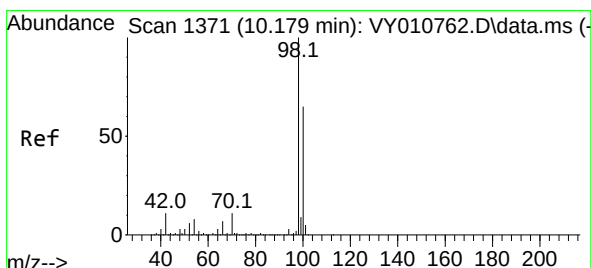
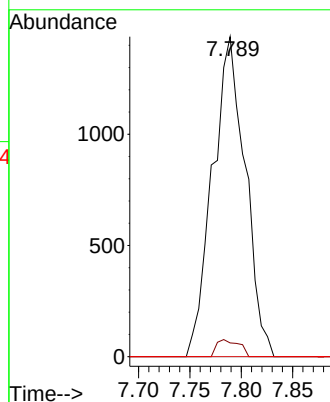
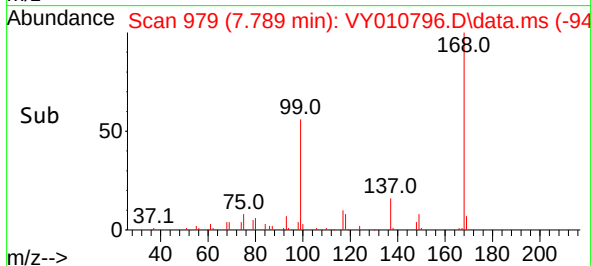


#38
Carbon Tetrachloride
Concen: 6.290 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY010796.D
Acq: 04 Oct 2022 15:32

Instrument :
MSVOA_Y
ClientSampleId :

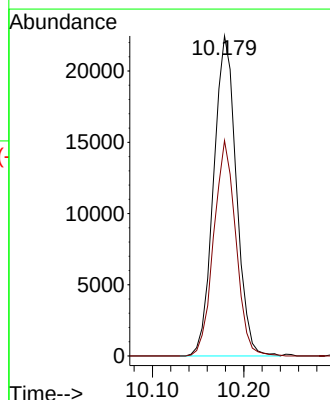
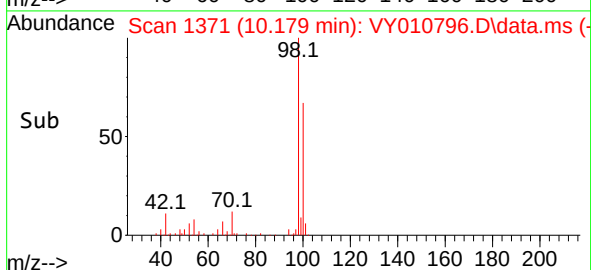
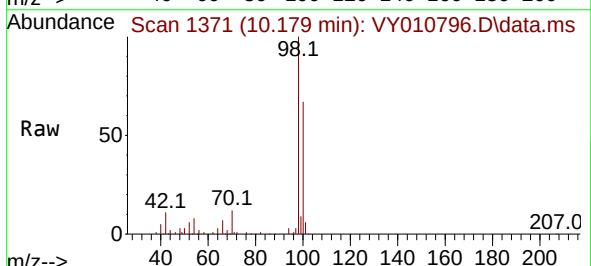


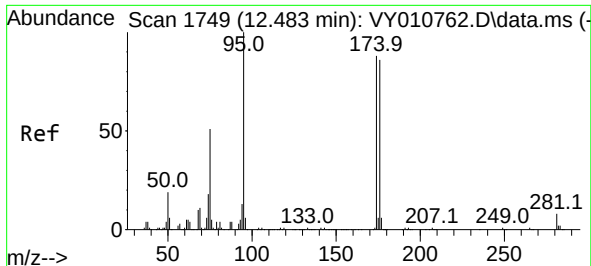
Tgt Ion:117 Resp: 3191
Ion Ratio Lower Upper
117 100
119 4.3 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 33.521 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010796.D
Acq: 04 Oct 2022 15:32

Tgt Ion: 98 Resp: 38682
Ion Ratio Lower Upper
98 100
100 65.6 50.2 75.2





#62

4-Bromofluorobenzene

Concen: 28.088 ug/l

RT: 12.483 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY010796.D

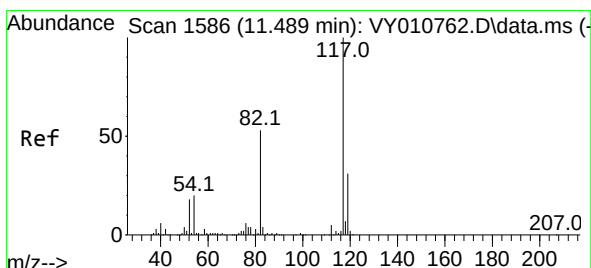
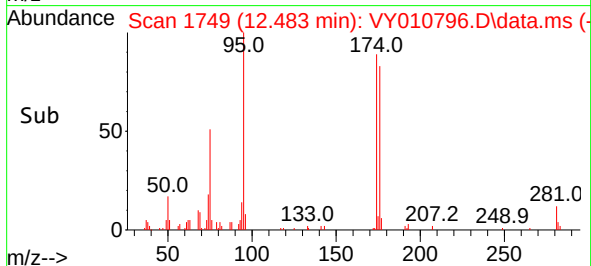
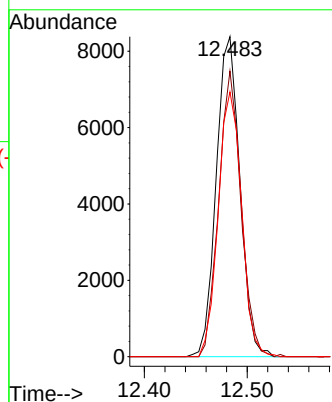
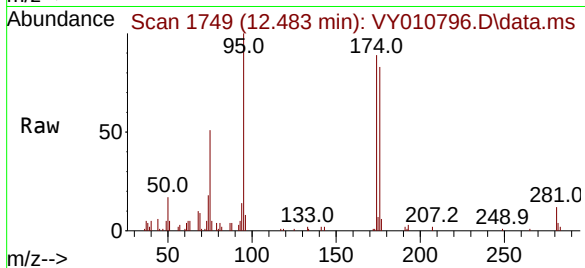
Acq: 04 Oct 2022 15:32

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	95	Resp:	13390
Ion	Ratio	Lower	Upper
95	100		
174	84.2	0.0	177.0
176	81.6	0.0	175.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

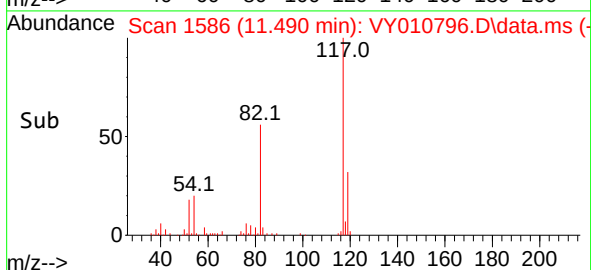
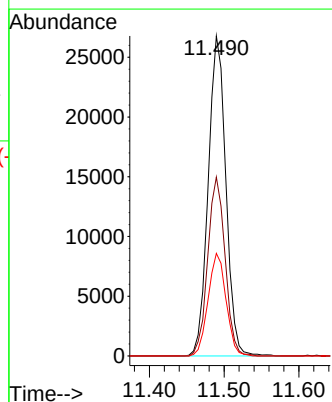
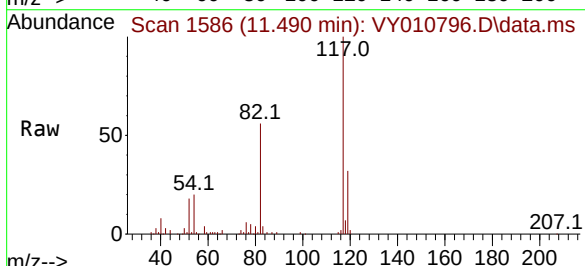
RT: 11.490 min Scan# 1586

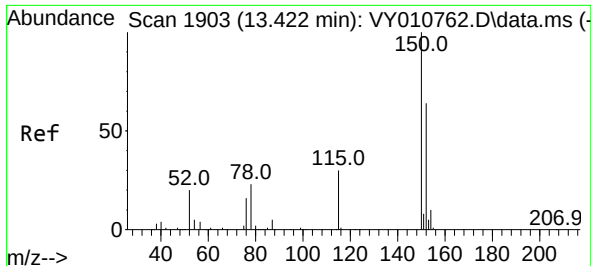
Delta R.T. 0.001 min

Lab File: VY010796.D

Acq: 04 Oct 2022 15:32

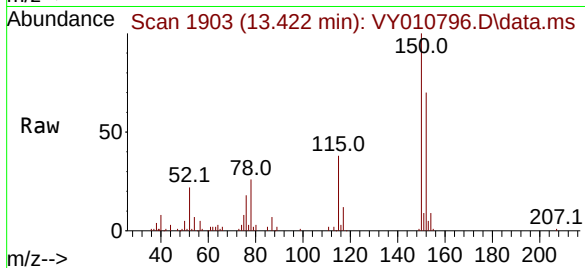
Tgt Ion:	117	Resp:	43979
Ion	Ratio	Lower	Upper
117	100		
82	55.9	43.0	64.4
119	32.0	25.4	38.0



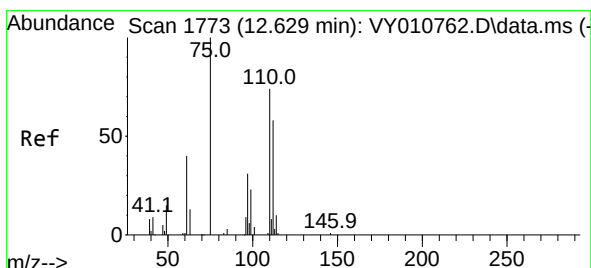
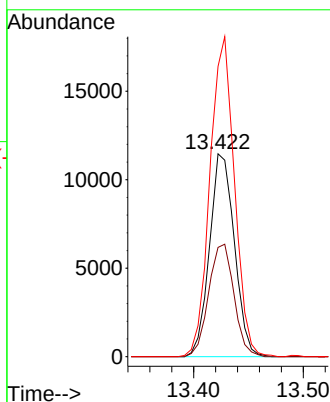
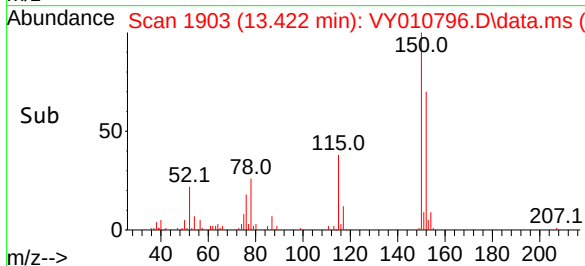


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY010796.D
 Acq: 04 Oct 2022 15:32

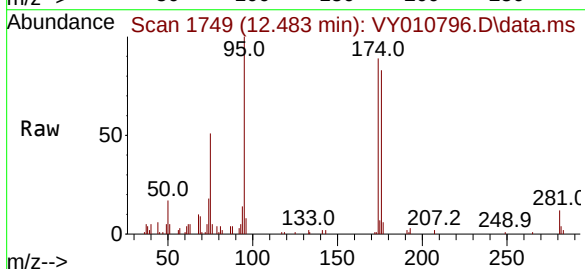
Instrument :
 MSVOA_Y
 ClientSampleId :



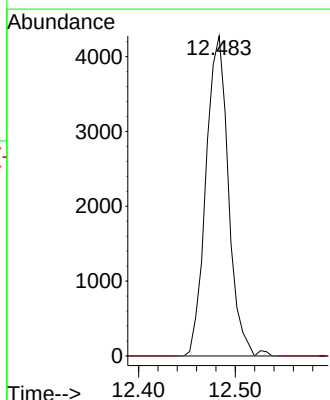
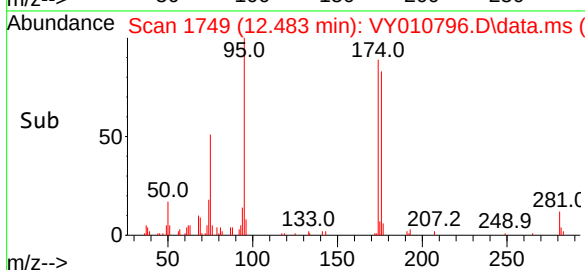
Tgt Ion:152 Resp: 18085
 Ion Ratio Lower Upper
 152 100
 115 56.4 28.2 84.7
 150 155.5 0.0 347.6

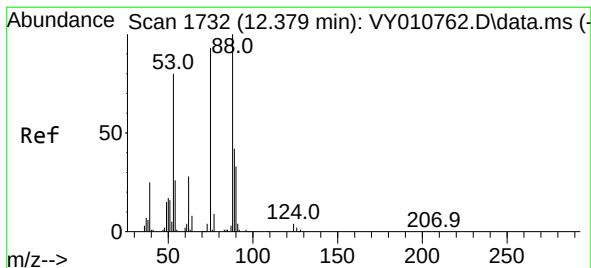


#76
 1,2,3-Trichloropropane
 Concen: 37.746 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY010796.D
 Acq: 04 Oct 2022 15:32



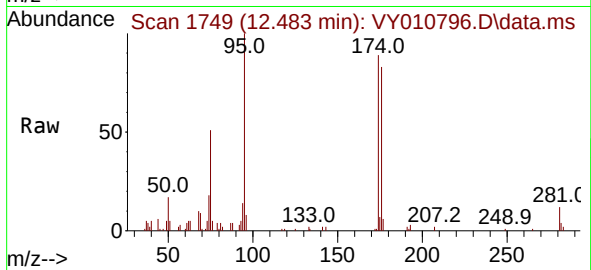
Tgt Ion: 75 Resp: 6913
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.848 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY010796.D
 Acq: 04 Oct 2022 15:32

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 6913
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

