

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101022\
 Data File : VY010894.D
 Acq On : 10 Oct 2022 16:41
 Operator : KP/MD
 Sample : N5046-06RE
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 11 09:45:17 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)

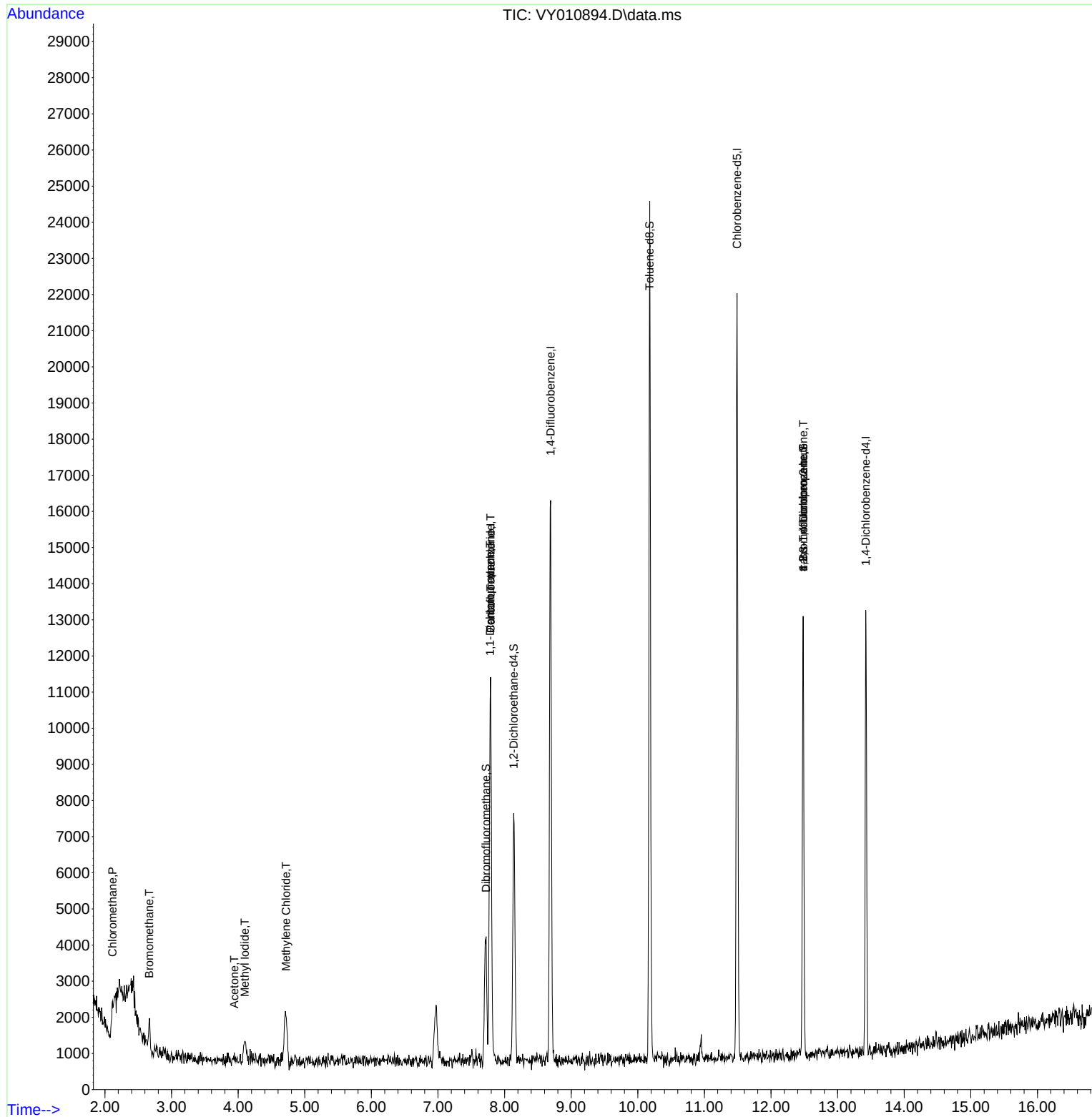
Internal Standards						
1) Pentafluorobenzene	7.789	168	8675	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	14178	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	11785	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	3418	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	5617	63.879	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.760%	
35) Dibromofluoromethane	7.722	113	2679	28.465	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 56.940%	
50) Toluene-d8	10.179	98	15431	47.943	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 95.880%	
62) 4-Bromofluorobenzene	12.483	95	4001	30.374	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 60.740%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	332	3.321	ug/l	100
5) Bromomethane	2.662	94	467	5.468	ug/l #	73
10) Methyl Iodide	4.100	142	1186	10.557	ug/l #	74
16) Acetone	3.942	43	227	10.165	ug/l #	47
20) Methylene Chloride	4.716	84	1132	7.087	ug/l #	80
36) 1,1-Dichloropropene	7.783	75	720	5.299	ug/l #	42
38) Carbon Tetrachloride	7.789	117	726	5.130	ug/l #	11
76) 1,2,3-Trichloropropane	12.483	75	1950	56.336	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	1950	117.681	ug/l #	7

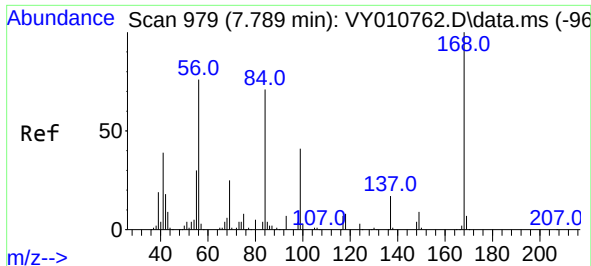
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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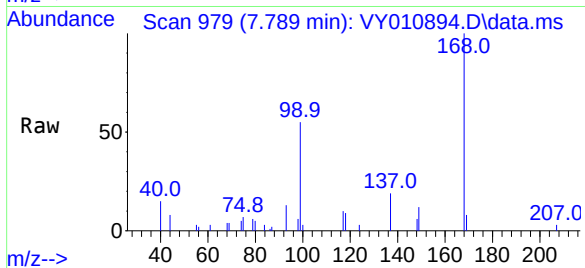
Quant Time: Oct 11 09:45:17 2022
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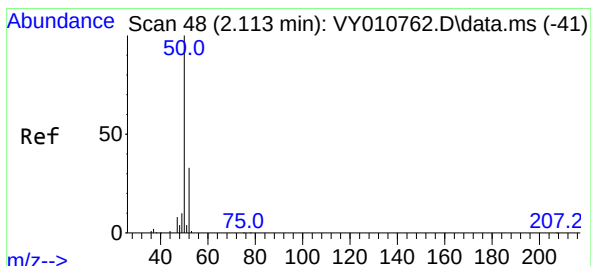
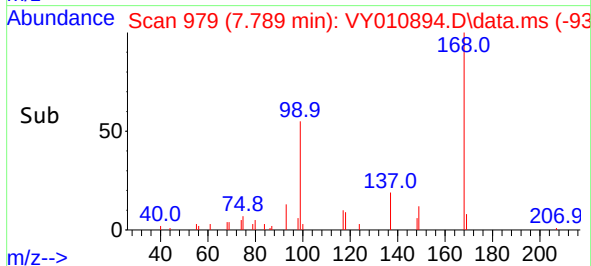
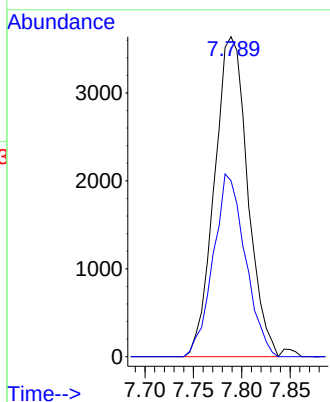


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010894.D
Acq: 10 Oct 2022 16:41

Instrument :
MSVOA_Y
ClientSampleId :

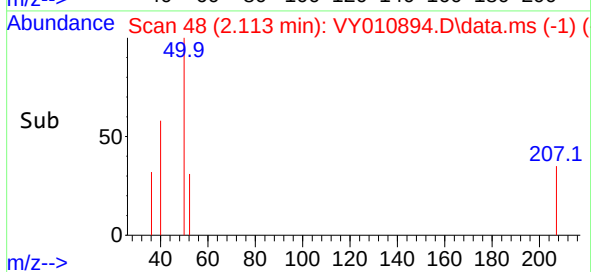
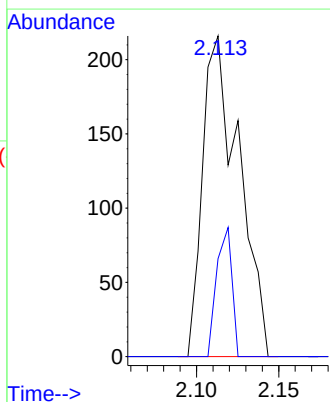
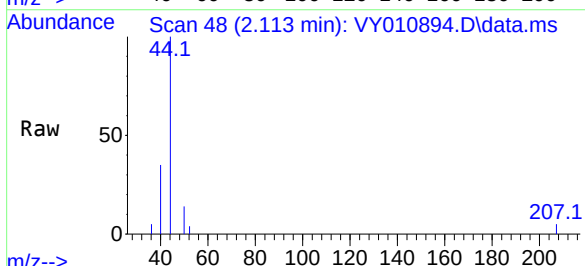


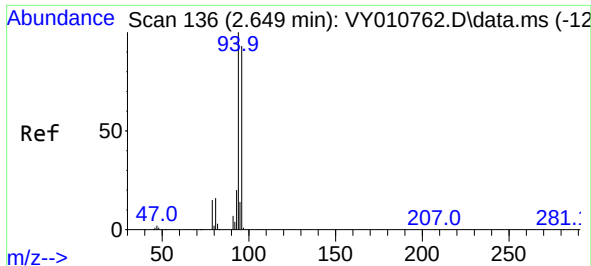
Tgt Ion:168 Resp: 8675
Ion Ratio Lower Upper
168 100
99 55.0 46.9 70.3



#3
Chloromethane
Concen: 3.321 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY010894.D
Acq: 10 Oct 2022 16:41

Tgt Ion: 50 Resp: 332
Ion Ratio Lower Upper
50 100
52 30.6 24.6 37.0

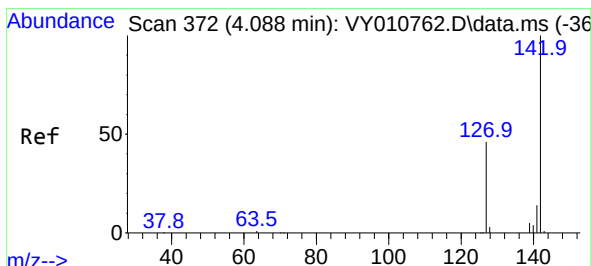
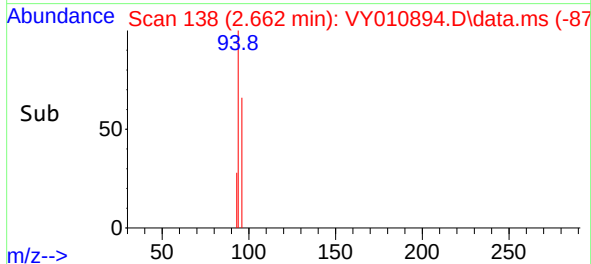
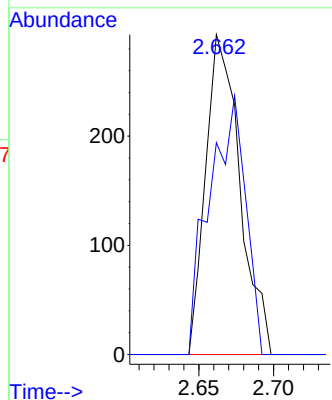
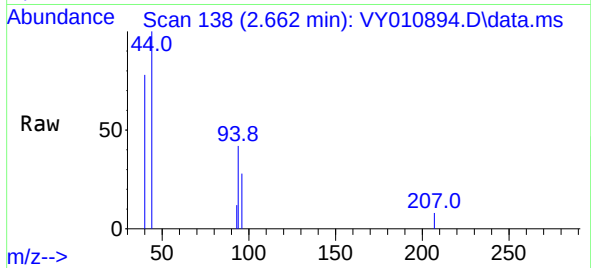




#5
Bromomethane
Concen: 5.468 ug/l
RT: 2.662 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY010894.D
Acq: 10 Oct 2022 16:41

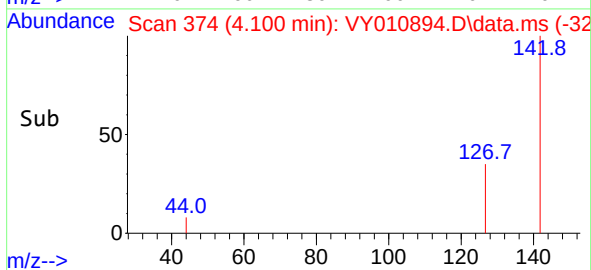
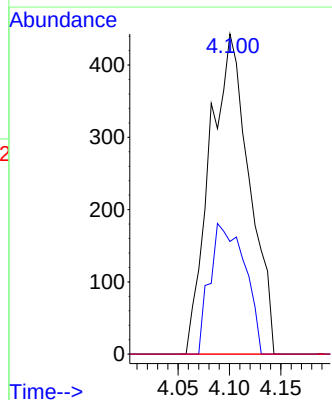
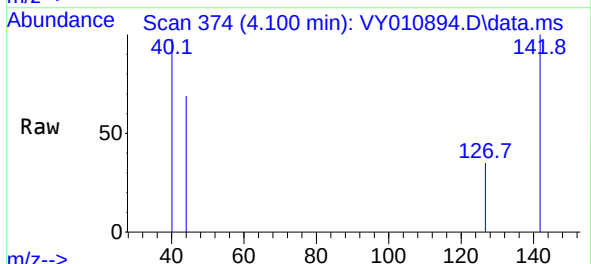
Instrument :
MSVOA_Y
ClientSampleId :

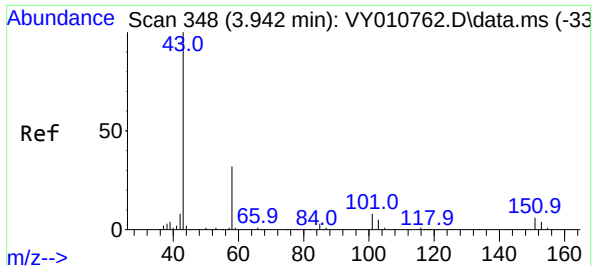
Tgt Ion: 94 Resp: 467
Ion Ratio Lower Upper
94 100
96 66.2 73.5 110.3#



#10
Methyl Iodide
Concen: 10.557 ug/l
RT: 4.100 min Scan# 374
Delta R.T. 0.012 min
Lab File: VY010894.D
Acq: 10 Oct 2022 16:41

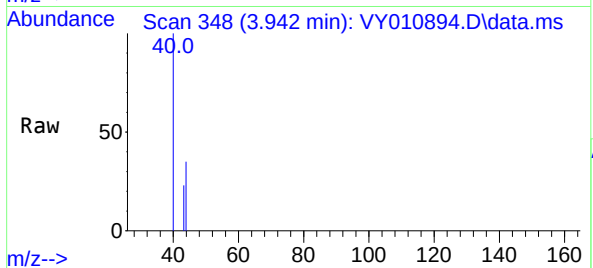
Tgt Ion:142 Resp: 1186
Ion Ratio Lower Upper
142 100
127 36.0 41.5 62.3#
141 0.0 11.9 17.9#



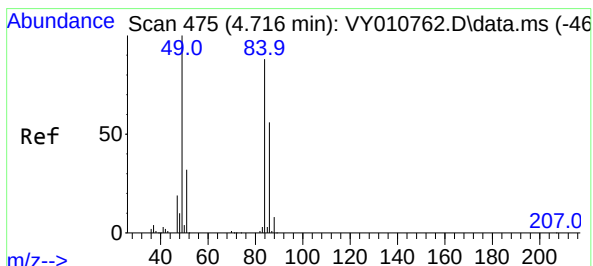
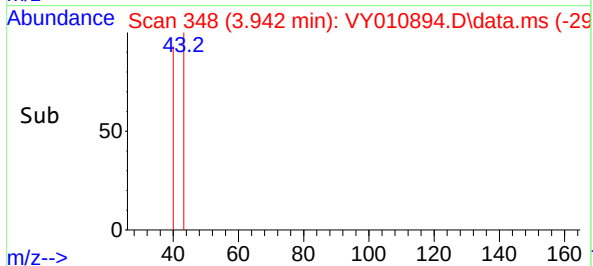
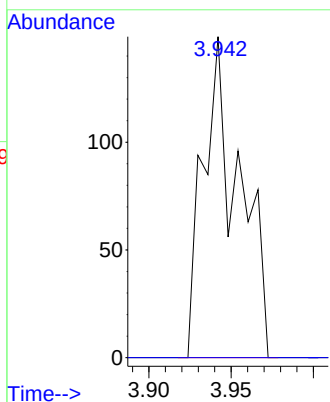


#16
Acetone
Concen: 10.165 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY010894.D
Acq: 10 Oct 2022 16:41

Instrument :
MSVOA_Y
ClientSampleId :

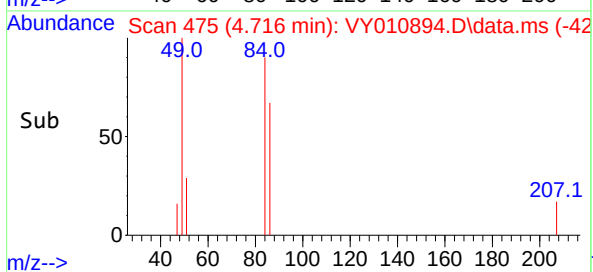
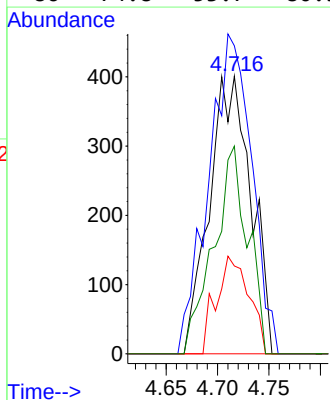
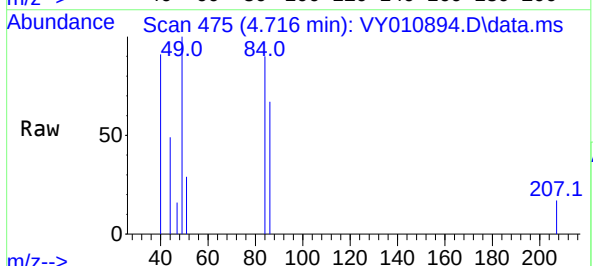


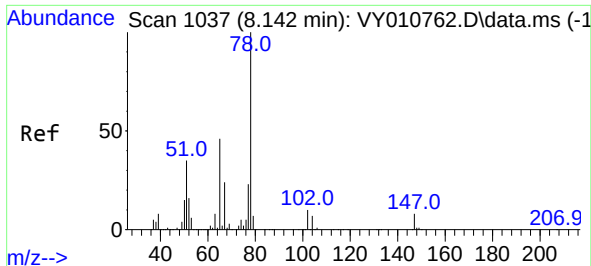
Tgt Ion: 43 Resp: 227
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#20
Methylene Chloride
Concen: 7.087 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY010894.D
Acq: 10 Oct 2022 16:41

Tgt Ion: 84 Resp: 1132
Ion Ratio Lower Upper
84 100
49 111.0 114.4 171.6#
51 31.7 35.3 52.9#
86 74.8 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 63.879 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY010894.D

Acq: 10 Oct 2022 16:41

Instrument :

MSVOA_Y

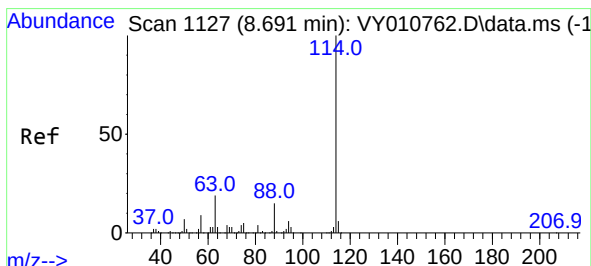
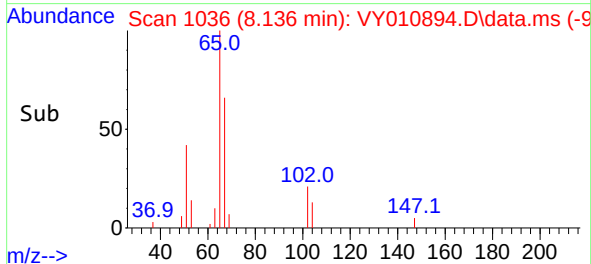
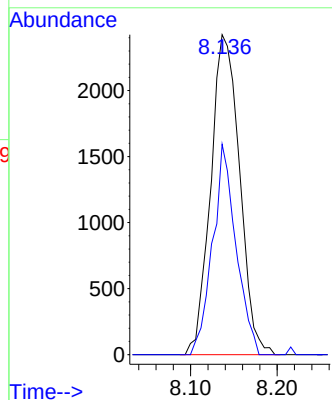
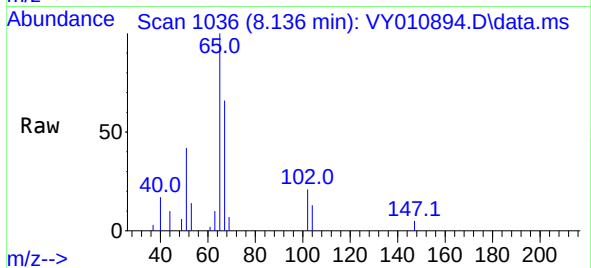
ClientSampleId :

Tgt Ion: 65 Resp: 5617

Ion Ratio Lower Upper

65 100

67 53.2 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY010894.D

Acq: 10 Oct 2022 16:41

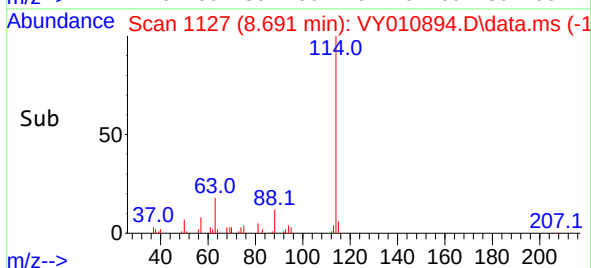
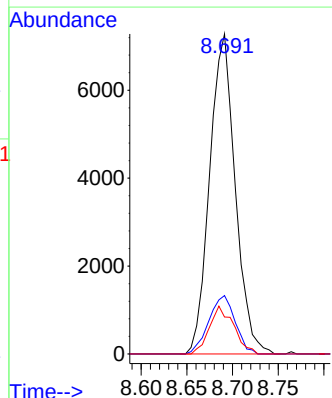
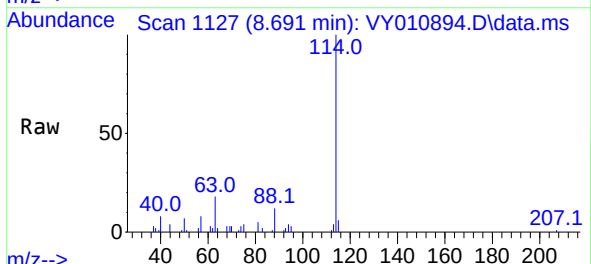
Tgt Ion: 114 Resp: 14178

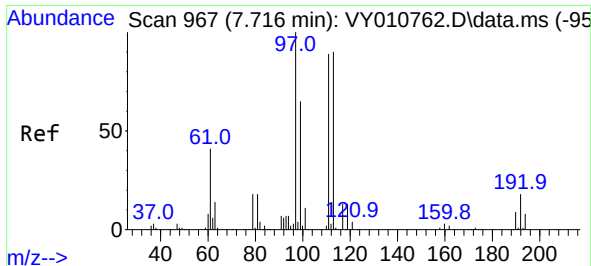
Ion Ratio Lower Upper

114 100

63 18.3 0.0 43.2

88 11.5 0.0 31.8

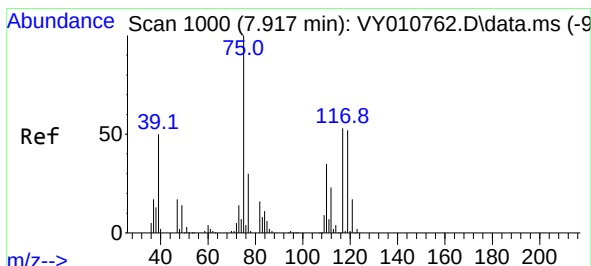
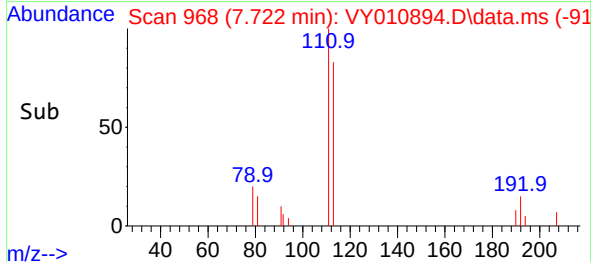
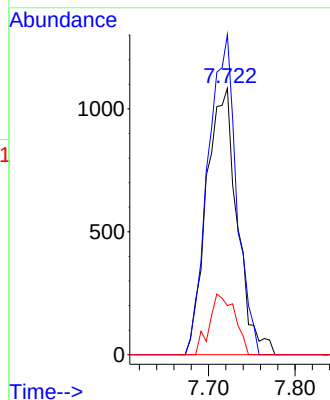
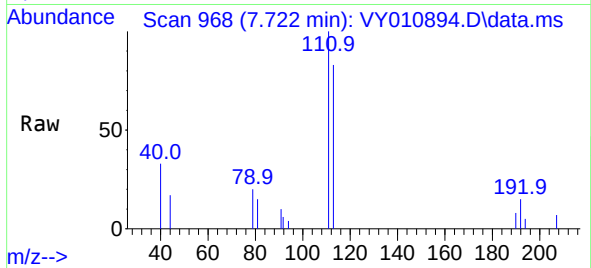




#35
Dibromofluoromethane
Concen: 28.465 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY010894.D
Acq: 10 Oct 2022 16:41

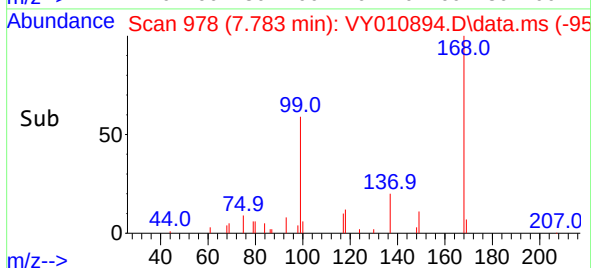
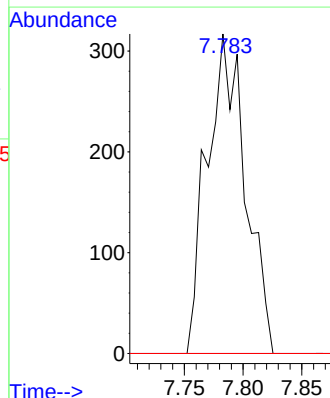
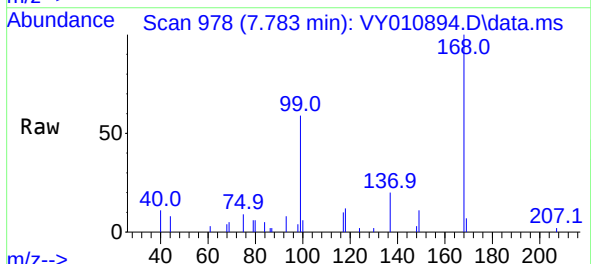
Instrument :
MSVOA_Y
ClientSampleId :

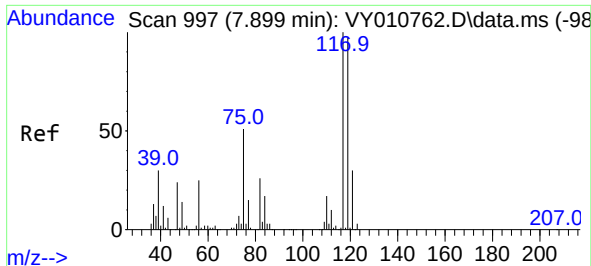
Tgt Ion:113 Resp: 2679
Ion Ratio Lower Upper
113 100
111 111.0 82.6 124.0
192 18.9 17.6 26.4



#36
1,1-Dichloropropene
Concen: 5.299 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY010894.D
Acq: 10 Oct 2022 16:41

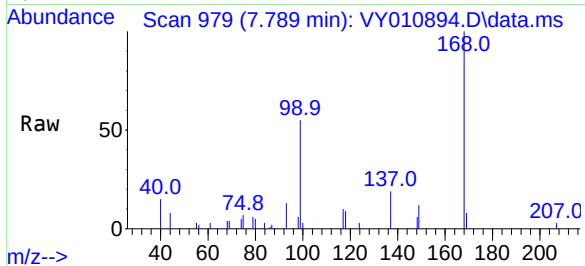
Tgt Ion: 75 Resp: 720
Ion Ratio Lower Upper
75 100
110 0.0 17.1 51.2#
77 0.0 24.4 36.6#



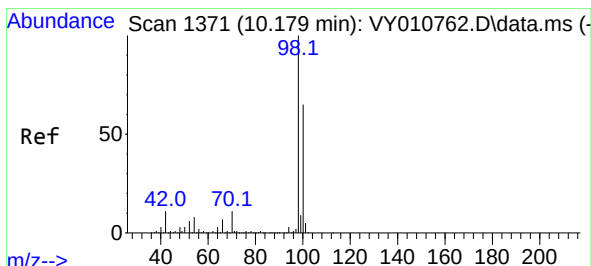
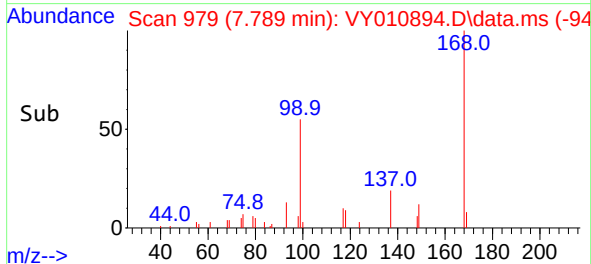
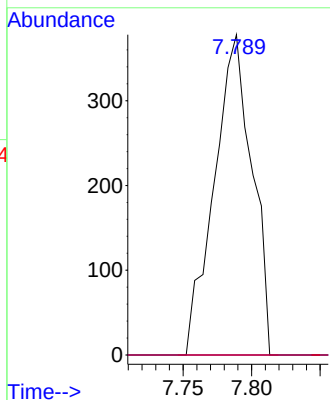


#38
Carbon Tetrachloride
Concen: 5.130 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY010894.D
Acq: 10 Oct 2022 16:41

Instrument :
MSVOA_Y
ClientSampleId :

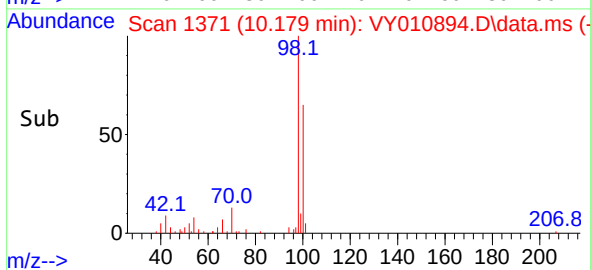
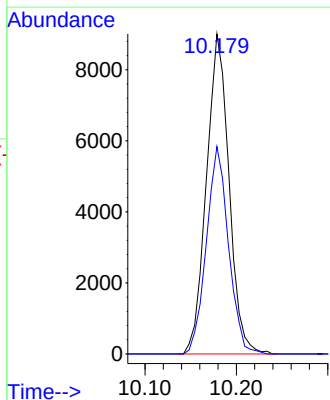
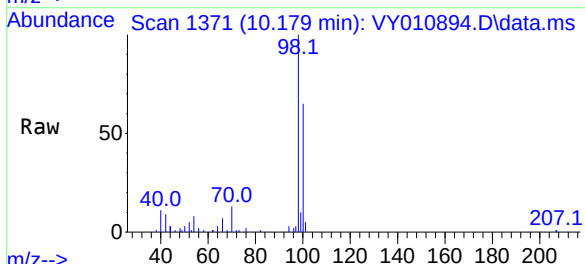


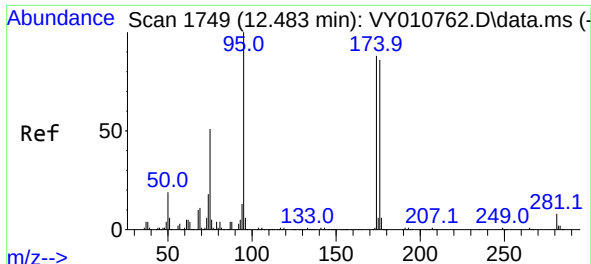
Tgt Ion:117 Resp: 726
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 47.943 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010894.D
Acq: 10 Oct 2022 16:41

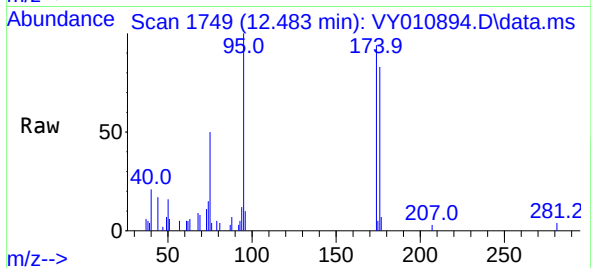
Tgt Ion: 98 Resp: 15431
Ion Ratio Lower Upper
98 100
100 63.5 50.2 75.2



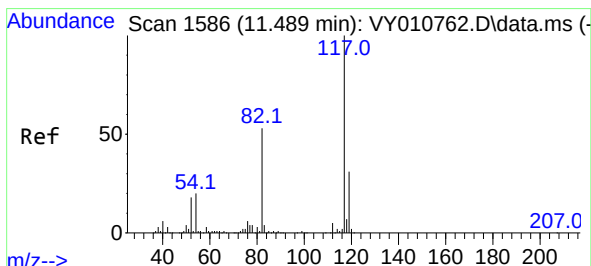
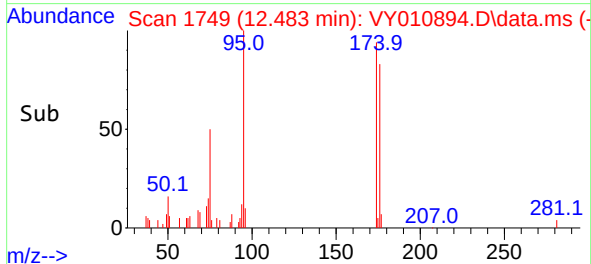
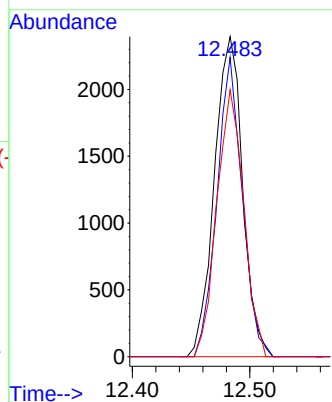


#62
4-Bromofluorobenzene
Concen: 30.374 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010894.D
Acq: 10 Oct 2022 16:41

Instrument :
MSVOA_Y
ClientSampleId :

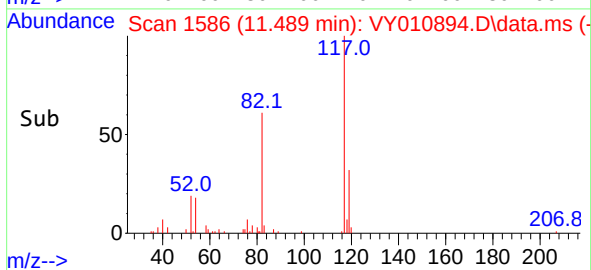
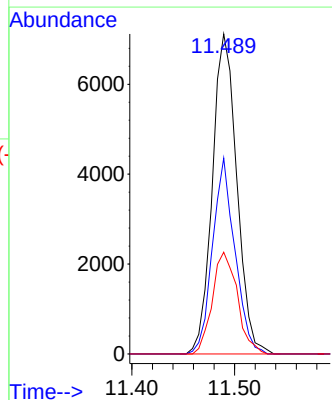
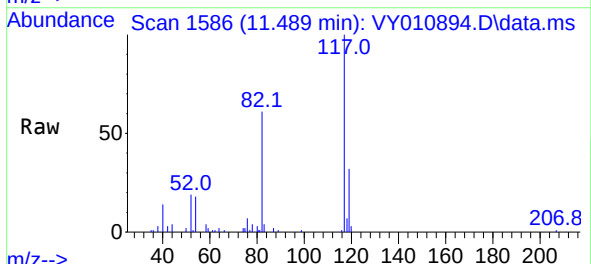


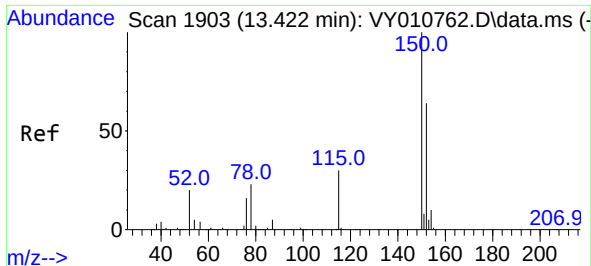
Tgt Ion: 95 Resp: 4001
Ion Ratio Lower Upper
95 100
174 83.8 0.0 177.0
176 79.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY010894.D
Acq: 10 Oct 2022 16:41

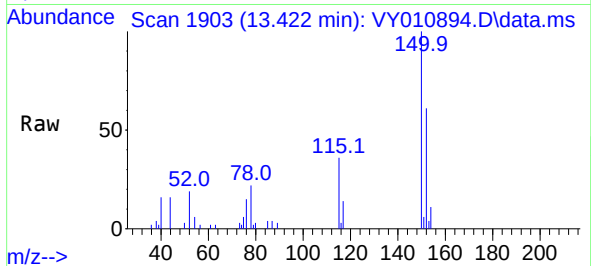
Tgt Ion: 117 Resp: 11785
Ion Ratio Lower Upper
117 100
82 61.2 43.0 64.4
119 31.8 25.4 38.0





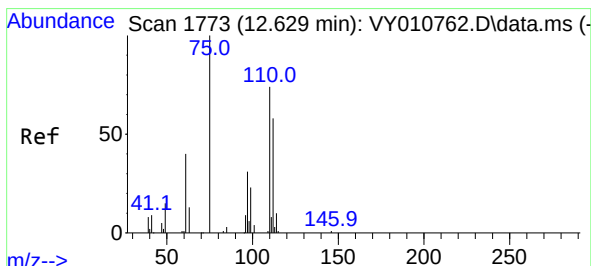
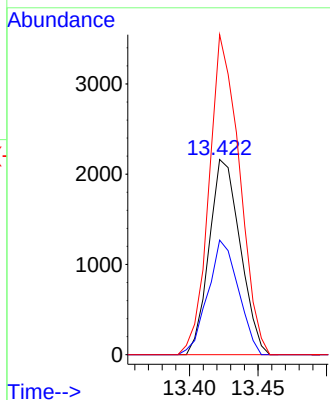
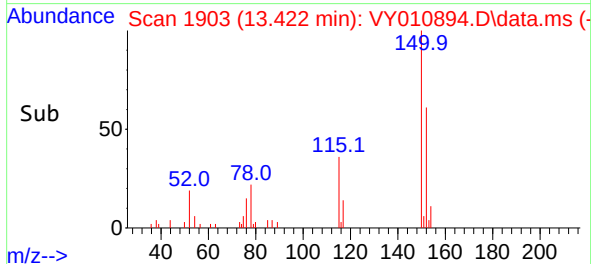
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY010894.D
 Acq: 10 Oct 2022 16:41

Instrument :
 MSVOA_Y
 ClientSampleId :

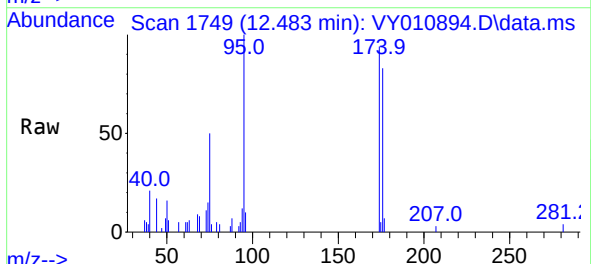


Tgt Ion:152 Resp: 3418

Ion	Ratio	Lower	Upper
152	100		
115	57.5	28.2	84.7
150	160.1	0.0	347.6

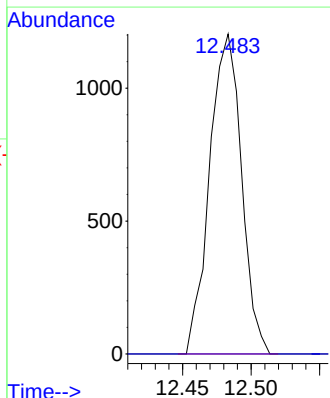
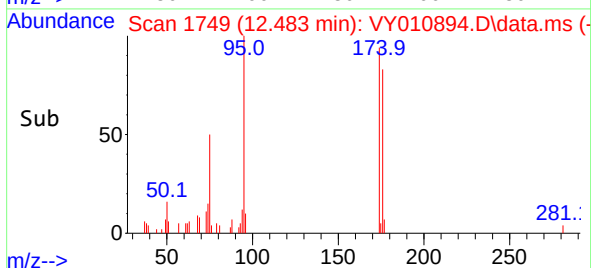


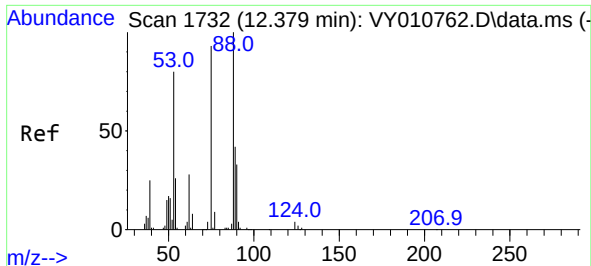
#76
 1,2,3-Trichloropropane
 Concen: 56.336 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY010894.D
 Acq: 10 Oct 2022 16:41



Tgt Ion: 75 Resp: 1950

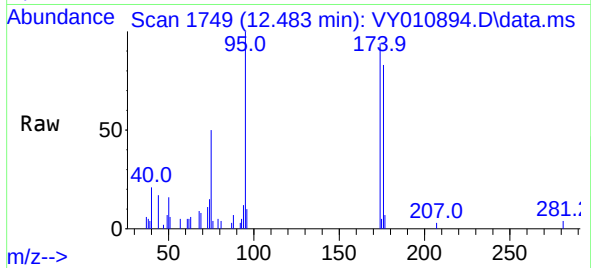
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 117.681 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY010894.D
 Acq: 10 Oct 2022 16:41

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 1950
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

