

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072723\
 Data File : VY014887.D
 Acq On : 27 Jul 2023 17:08
 Operator : SY/MD
 Sample : 03756-11
 Misc : 2.21g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 28 02:38:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

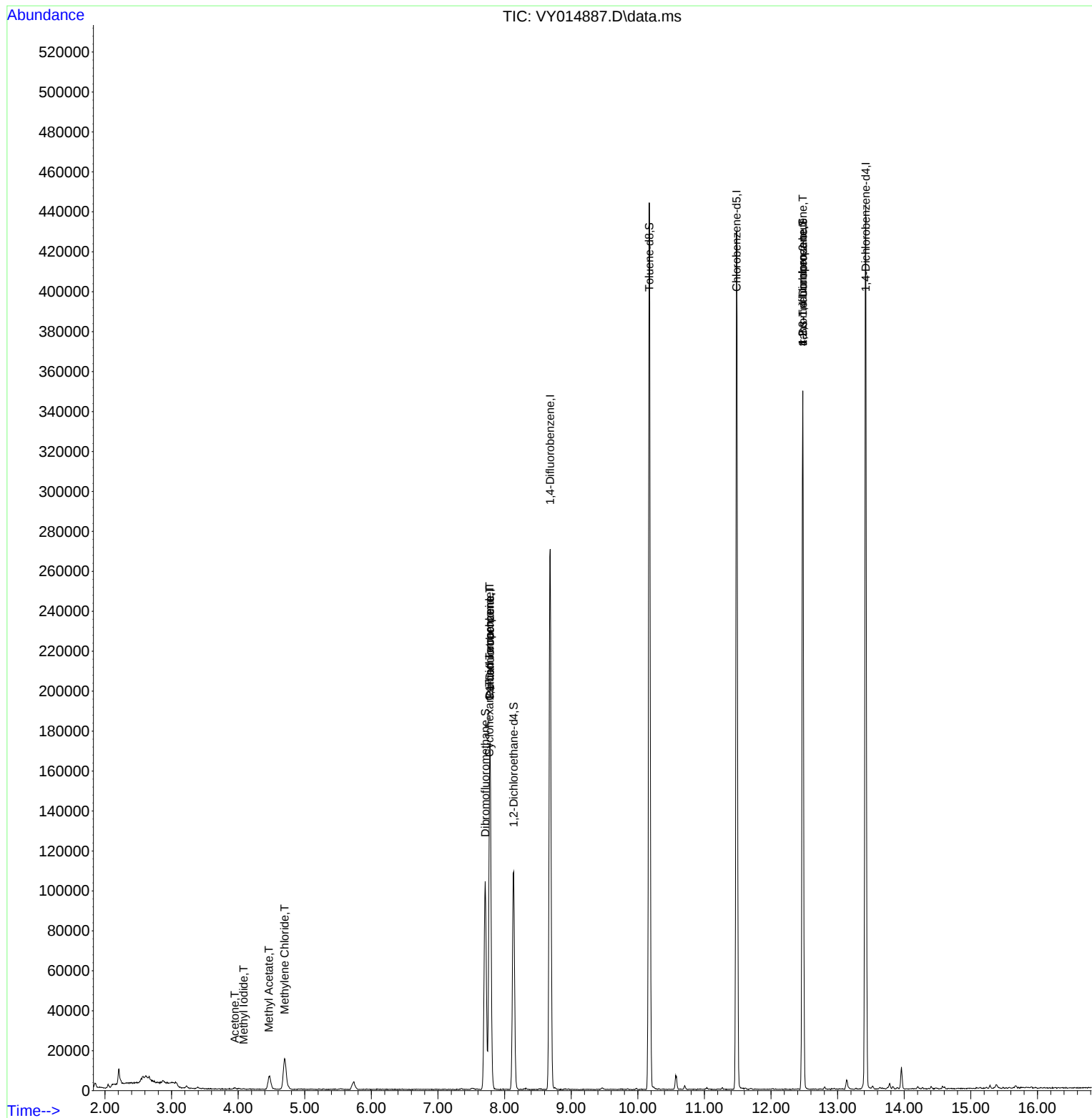
Internal Standards						
1) Pentafluorobenzene	7.783	168	136398	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	239791	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	231429	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	111371	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	86898	55.908	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.820%
35) Dibromofluoromethane	7.710	113	74891	49.062	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.120%
50) Toluene-d8	10.173	98	284797	50.606	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.220%
62) 4-Bromofluorobenzene	12.477	95	106081	49.160	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.320%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.082	142	373	2.603	ug/l #	45
11) Tert butyl alcohol	4.930	59	129	Below Cal	#	89
16) Acetone	3.948	43	930	1.888	ug/l	93
18) Methyl Acetate	4.460	43	13168	6.967	ug/l	94
20) Methylene Chloride	4.698	84	12028	3.598	ug/l #	88
31) Cyclohexane	7.771	56	3154	1.222	ug/l #	26
36) 1,1-Dichloropropene	7.777	75	10763	4.715	ug/l #	50
38) Carbon Tetrachloride	7.777	117	13897	5.759	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	56703	40.313	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	56703	78.052	ug/l #	10

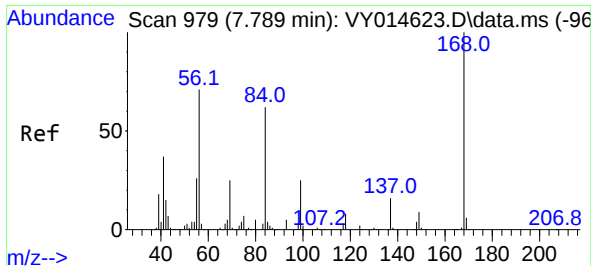
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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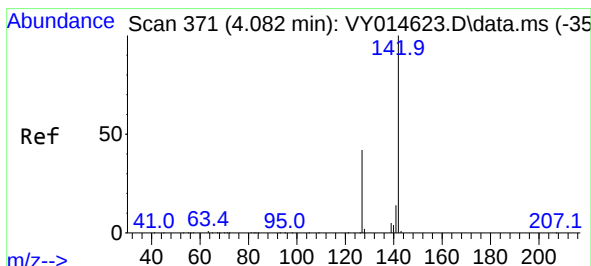
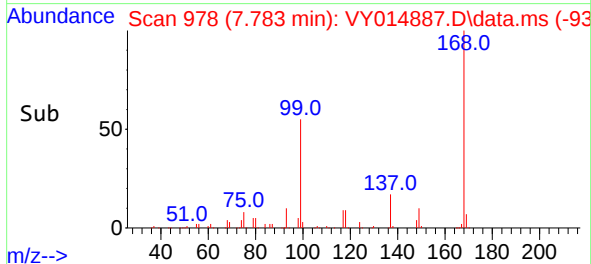
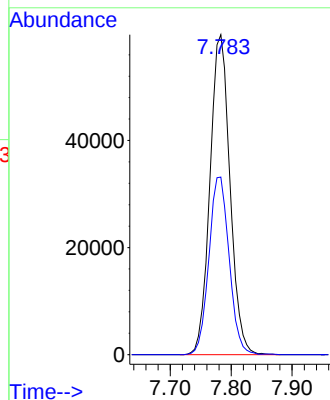
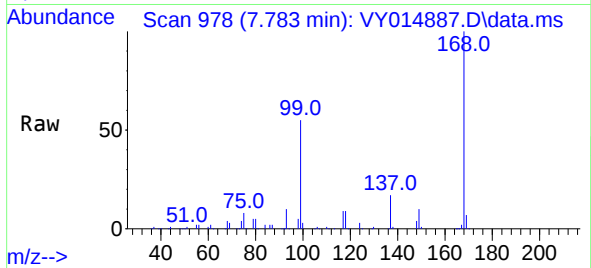




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014887.D
Acq: 27 Jul 2023 17:08

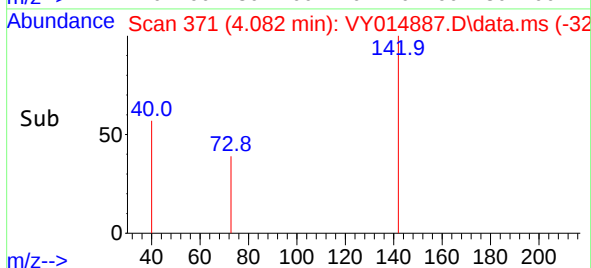
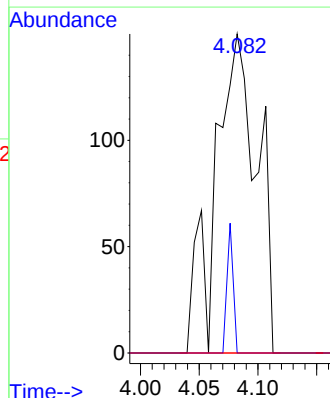
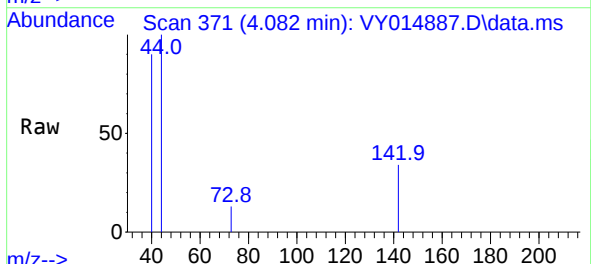
Instrument :
MSVOA_Y
ClientSampleId :

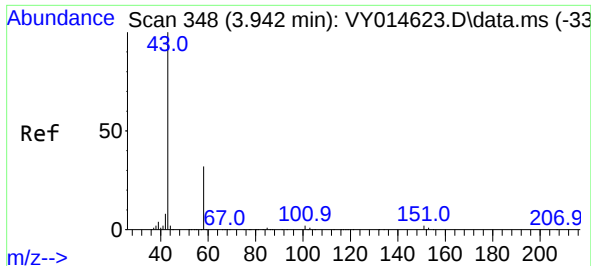
Tgt Ion:168 Resp: 136398
Ion Ratio Lower Upper
168 100
99 55.5 43.4 65.0



#10
Methyl Iodide
Concen: 2.603 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY014887.D
Acq: 27 Jul 2023 17:08

Tgt Ion:142 Resp: 373
Ion Ratio Lower Upper
142 100
127 5.9 37.6 56.4#
141 0.0 11.8 17.8#

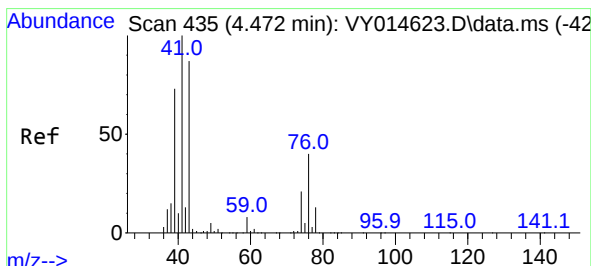
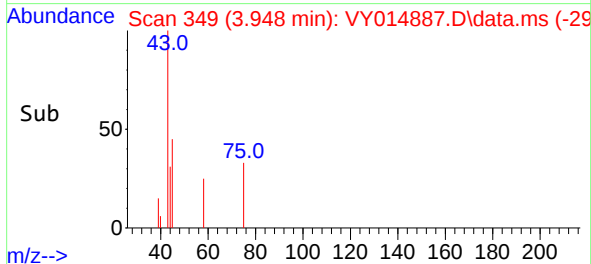
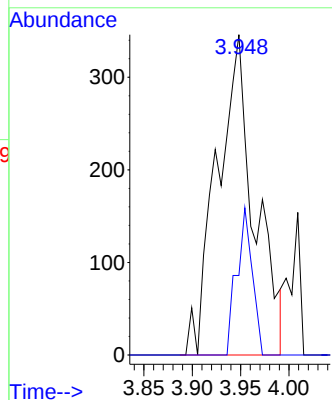
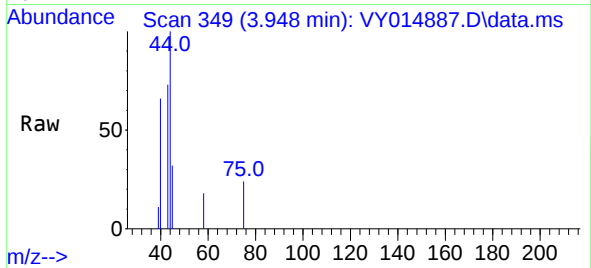




#16
Acetone
Concen: 1.888 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY014887.D
Acq: 27 Jul 2023 17:08

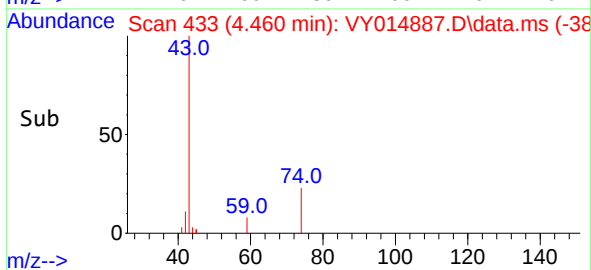
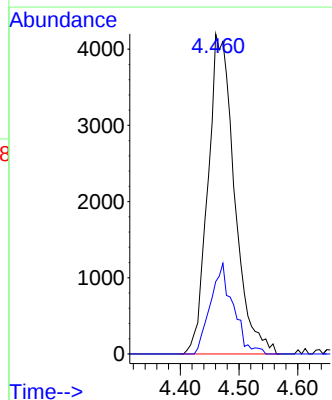
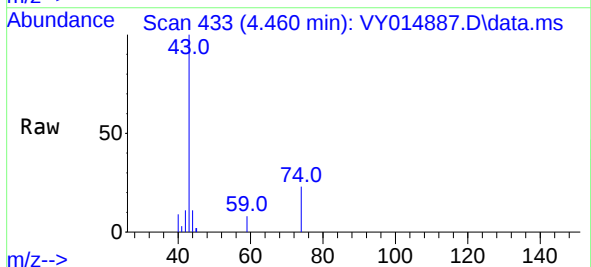
Instrument :
MSVOA_Y
ClientSampleId :

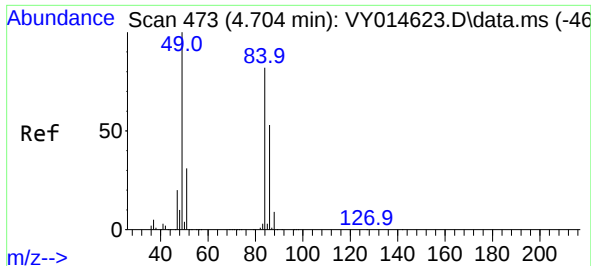
Tgt Ion: 43 Resp: 930
Ion Ratio Lower Upper
43 100
58 24.9 22.7 34.1



#18
Methyl Acetate
Concen: 6.967 ug/l
RT: 4.460 min Scan# 433
Delta R.T. -0.012 min
Lab File: VY014887.D
Acq: 27 Jul 2023 17:08

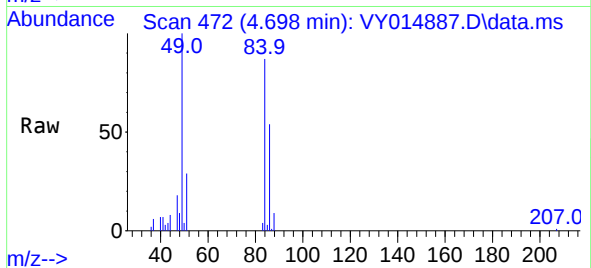
Tgt Ion: 43 Resp: 13168
Ion Ratio Lower Upper
43 100
74 24.3 17.4 26.0





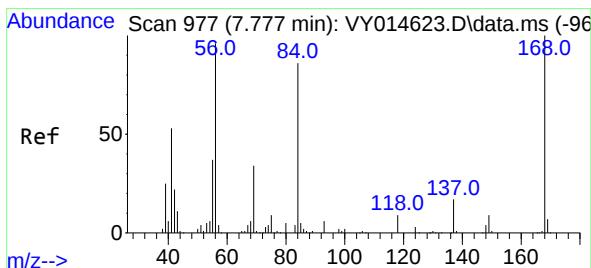
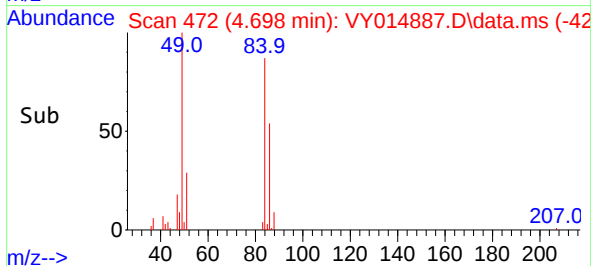
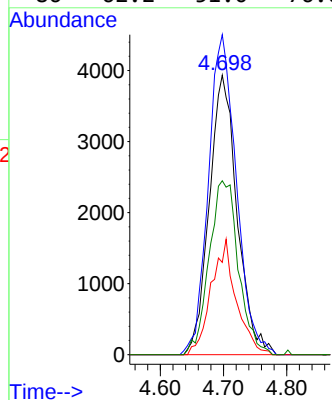
#20
Methylene Chloride
Concen: 3.598 ug/l
RT: 4.698 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY014887.D
Acq: 27 Jul 2023 17:08

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 12028

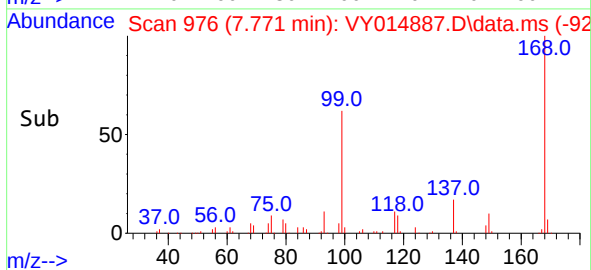
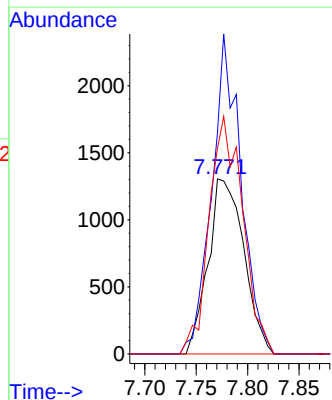
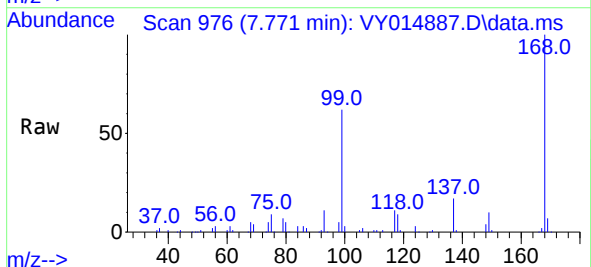
Ion	Ratio	Lower	Upper
84	100		
49	114.5	106.9	160.3
51	33.0	33.2	49.8#
86	62.2	51.0	76.6

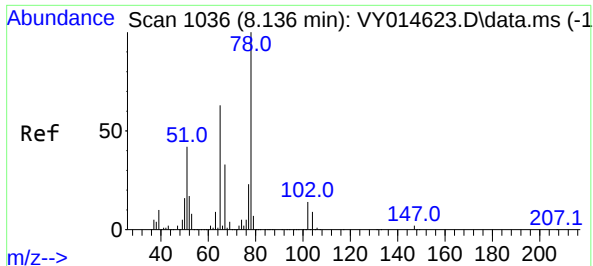


#31
Cyclohexane
Concen: 1.222 ug/l
RT: 7.771 min Scan# 976
Delta R.T. -0.006 min
Lab File: VY014887.D
Acq: 27 Jul 2023 17:08

Tgt Ion: 56 Resp: 3154

Ion	Ratio	Lower	Upper
56	100		
69	126.5	27.8	41.6#
84	117.5	66.4	99.6#





#33

1,2-Dichloroethane-d4

Concen: 55.908 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY014887.D

Acq: 27 Jul 2023 17:08

Instrument :

MSVOA_Y

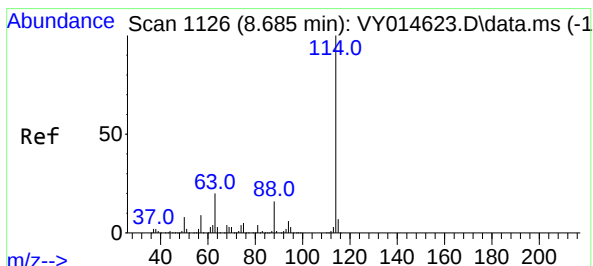
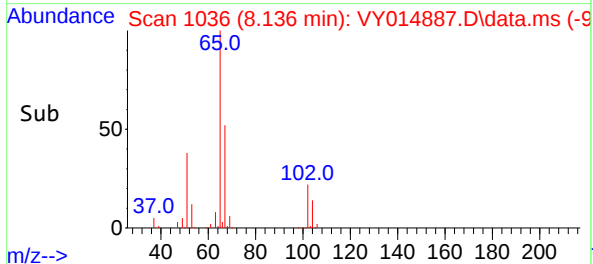
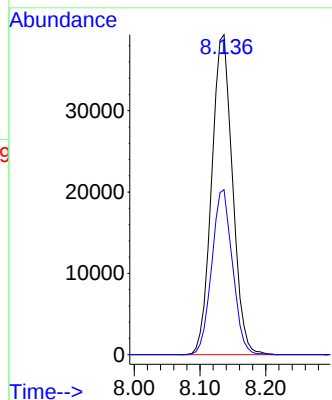
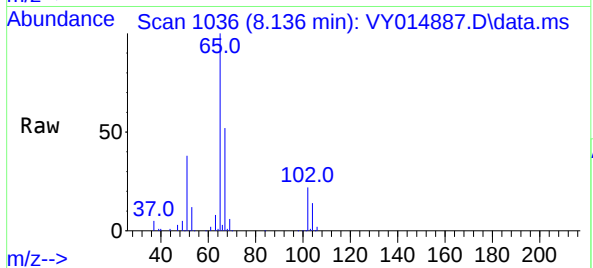
ClientSampleId :

Tgt Ion: 65 Resp: 86898

Ion Ratio Lower Upper

65 100

67 51.3 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY014887.D

Acq: 27 Jul 2023 17:08

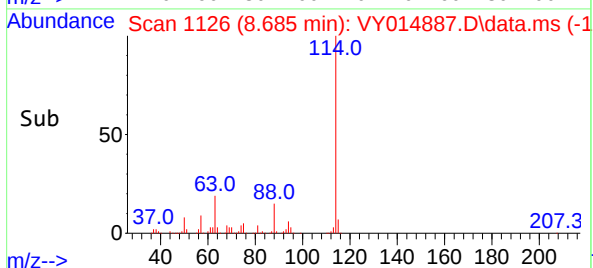
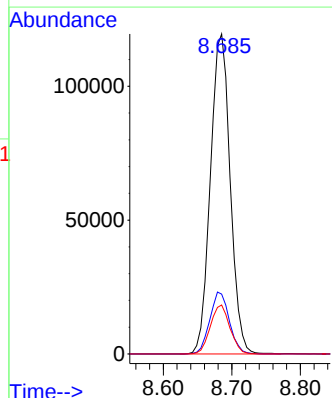
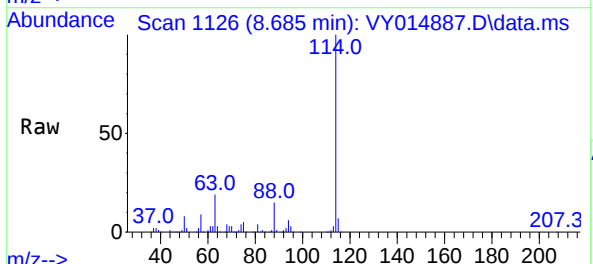
Tgt Ion: 114 Resp: 239791

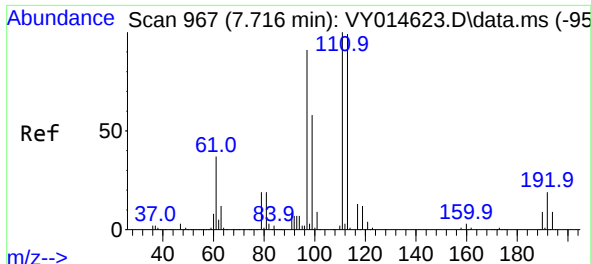
Ion Ratio Lower Upper

114 100

63 18.7 0.0 42.4

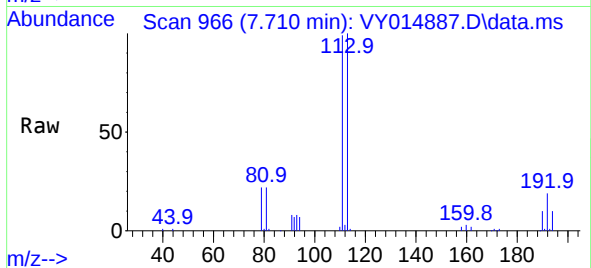
88 15.3 0.0 30.6



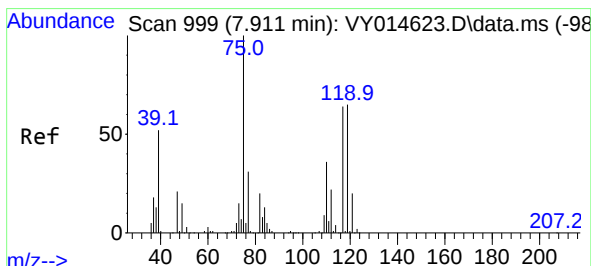
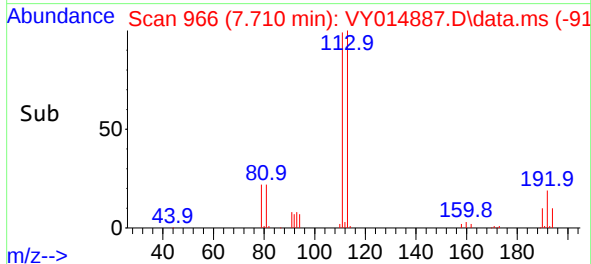
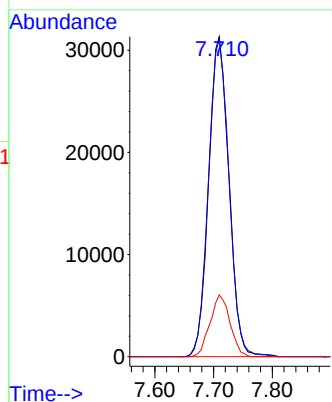


#35
Dibromofluoromethane
Concen: 49.062 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014887.D
Acq: 27 Jul 2023 17:08

Instrument :
MSVOA_Y
ClientSampleId :

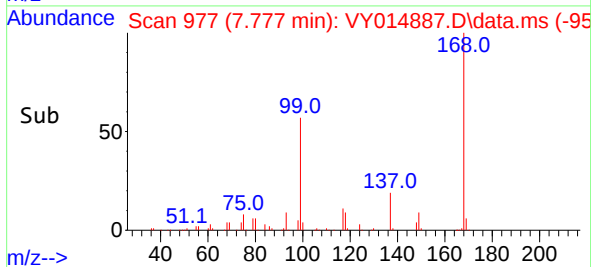
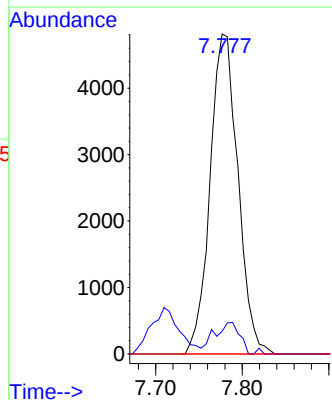
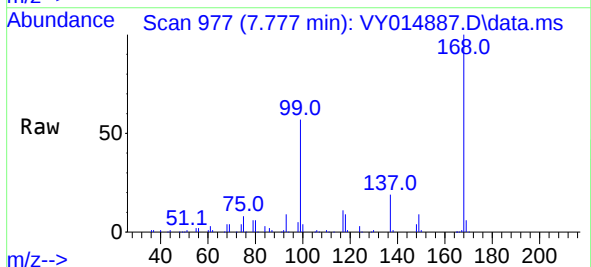


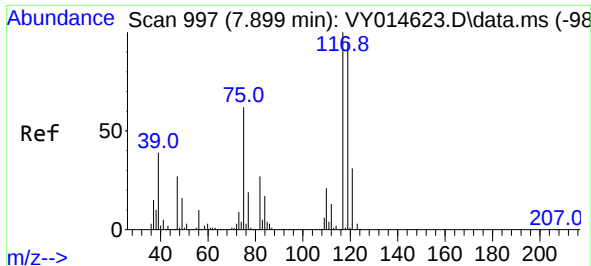
Tgt Ion:113 Resp: 74891
Ion Ratio Lower Upper
113 100
111 101.0 81.3 121.9
192 19.1 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.715 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.134 min
Lab File: VY014887.D
Acq: 27 Jul 2023 17:08

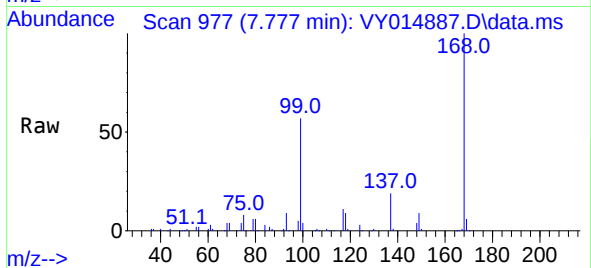
Tgt Ion: 75 Resp: 10763
Ion Ratio Lower Upper
75 100
110 8.9 17.8 53.5#
77 0.0 24.4 36.6#



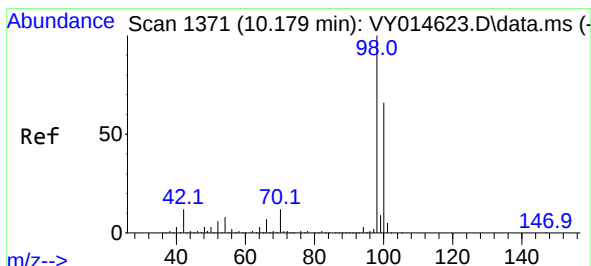
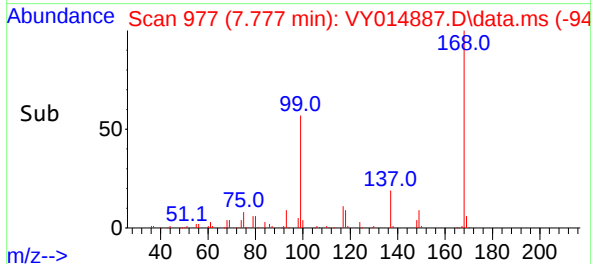
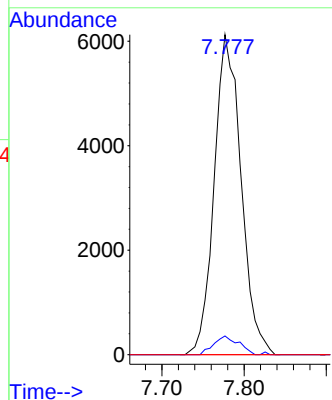


#38
Carbon Tetrachloride
Concen: 5.759 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY014887.D
Acq: 27 Jul 2023 17:08

Instrument :
MSVOA_Y
ClientSampleId :

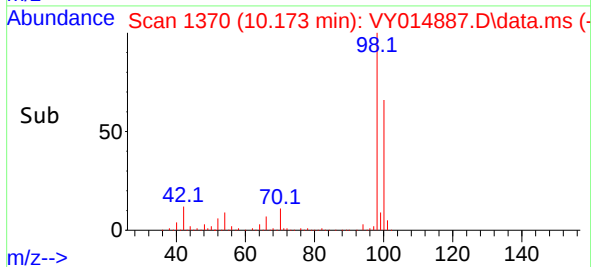
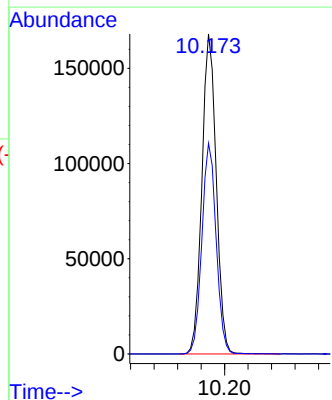
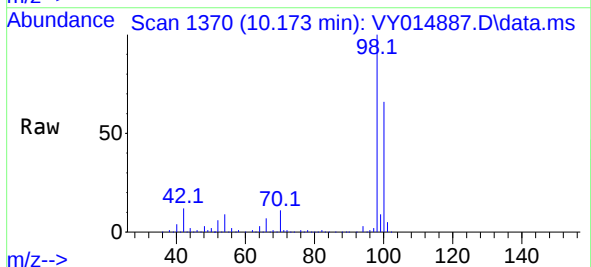


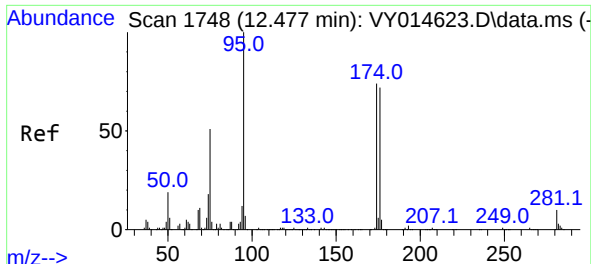
Tgt Ion:117 Resp: 13897
Ion Ratio Lower Upper
117 100
119 5.8 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 50.606 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY014887.D
Acq: 27 Jul 2023 17:08

Tgt Ion: 98 Resp: 284797
Ion Ratio Lower Upper
98 100
100 65.5 50.1 75.1

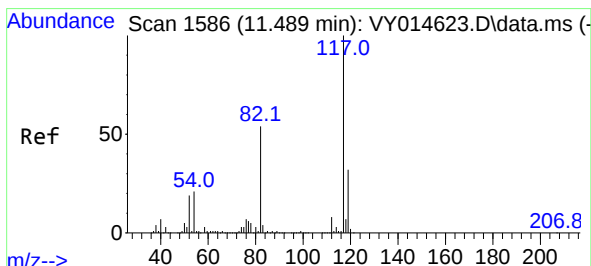
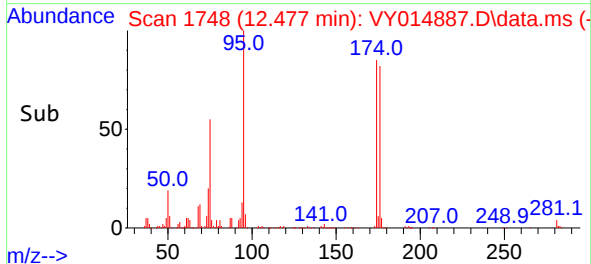
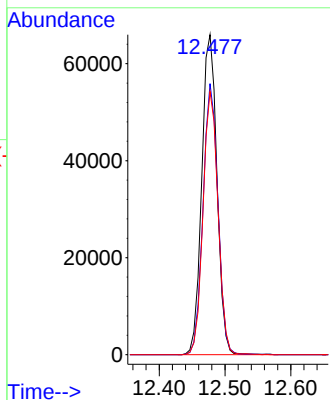
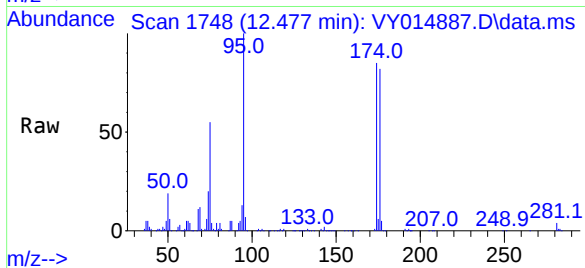




#62
4-Bromofluorobenzene
Concen: 49.160 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014887.D
Acq: 27 Jul 2023 17:08

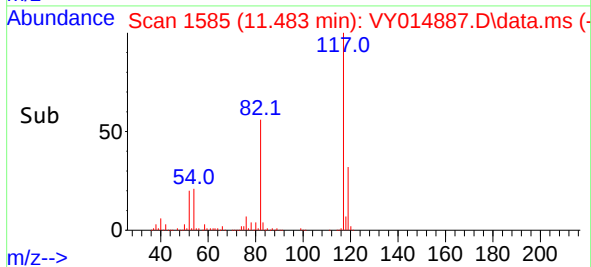
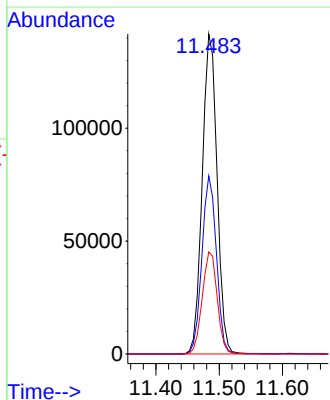
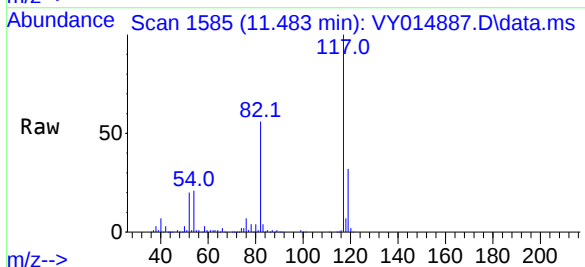
Instrument :
MSVOA_Y
ClientSampleId :

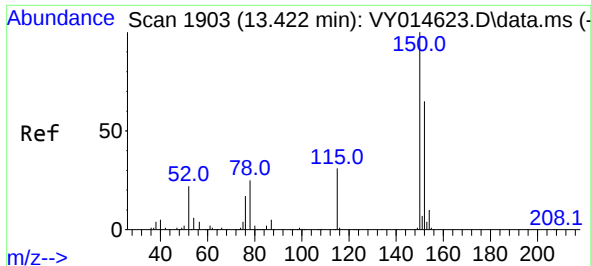
Tgt Ion: 95 Resp: 106081
Ion Ratio Lower Upper
95 100
174 83.0 0.0 178.2
176 81.1 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY014887.D
Acq: 27 Jul 2023 17:08

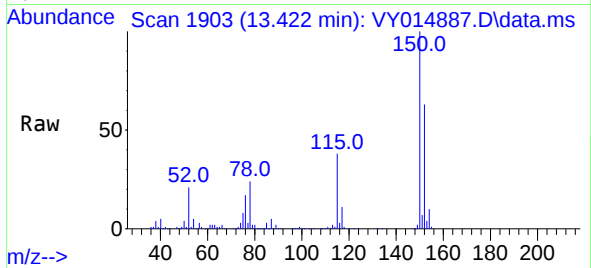
Tgt Ion: 117 Resp: 231429
Ion Ratio Lower Upper
117 100
82 55.6 43.4 65.0
119 31.9 26.3 39.5



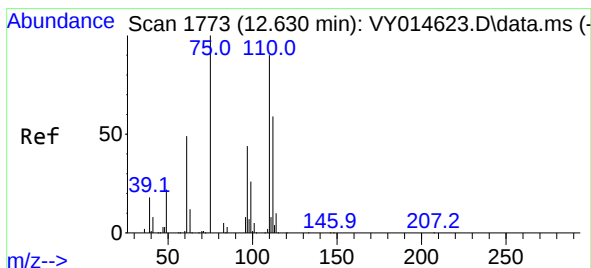
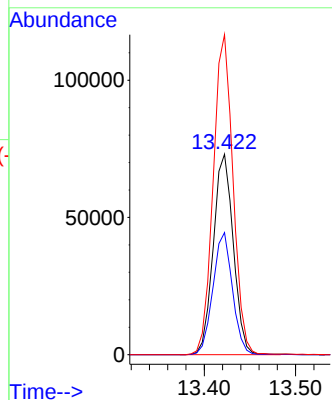
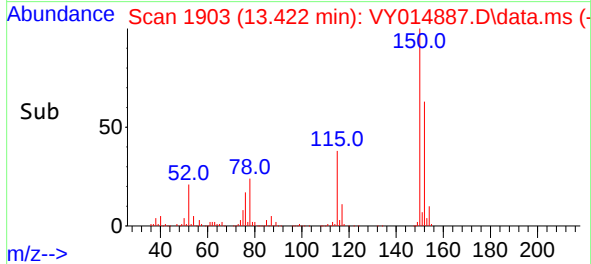


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY014887.D
Acq: 27 Jul 2023 17:08

Instrument :
MSVOA_Y
ClientSampleId :

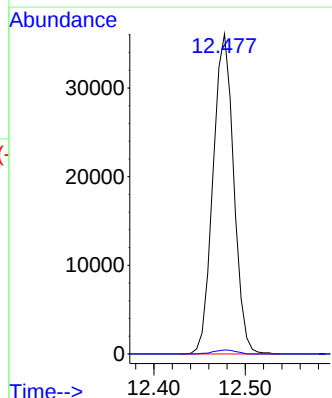
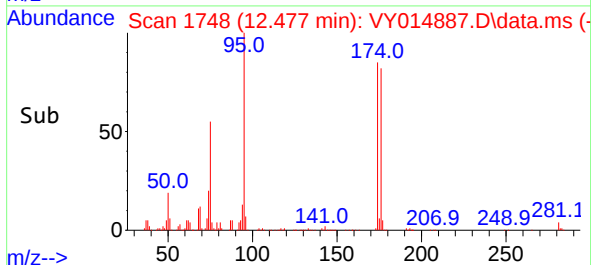
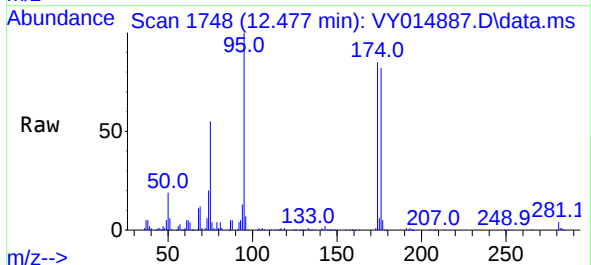


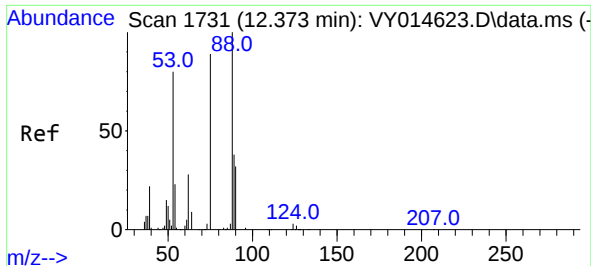
Tgt Ion:152 Resp: 111371
Ion Ratio Lower Upper
152 100
115 59.4 28.8 86.5
150 158.2 0.0 348.8



#76
1,2,3-Trichloropropane
Concen: 40.313 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY014887.D
Acq: 27 Jul 2023 17:08

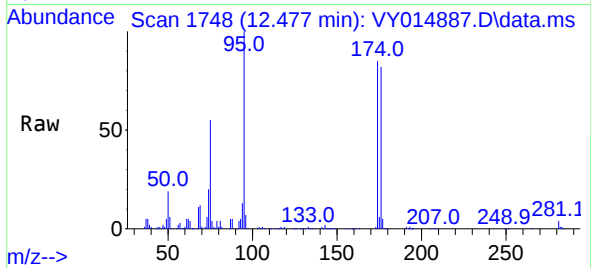
Tgt Ion: 75 Resp: 56703
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.052 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY014887.D
 Acq: 27 Jul 2023 17:08

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 56703
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#

