

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072723\
 Data File : VY014870.D
 Acq On : 27 Jul 2023 10:23
 Operator : SY/MD
 Sample : VY0727SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 28 02:36:01 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	164291	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	289245	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	274618	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	131171	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	101889	54.423	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.840%
35) Dibromofluoromethane	7.710	113	91987	49.959	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.920%
50) Toluene-d8	10.179	98	344408	50.735	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.480%
62) 4-Bromofluorobenzene	12.477	95	126254	48.505	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.000%

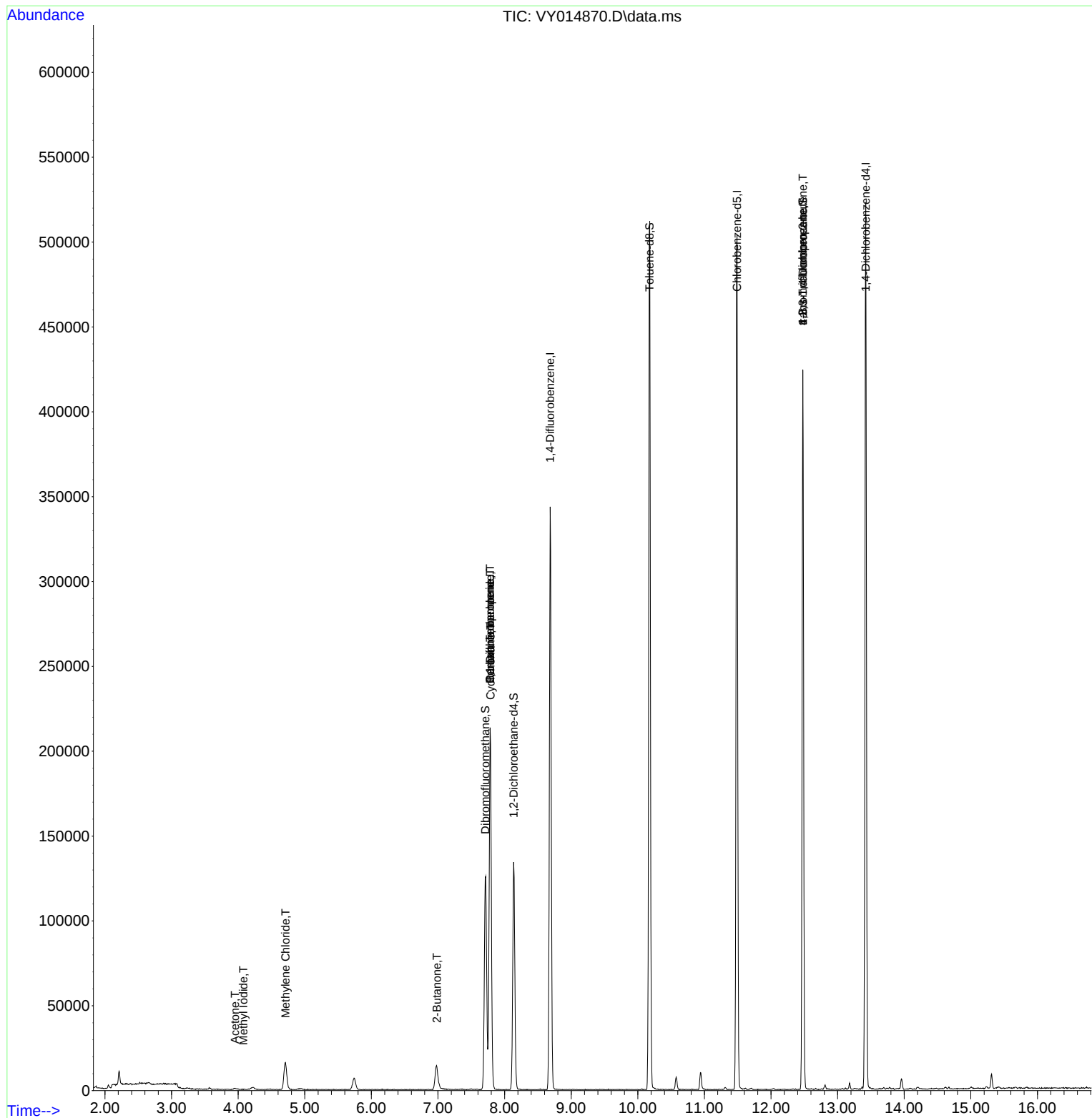
Target Compounds					Qvalue	
10) Methyl Iodide	4.076	142	83	2.413	ug/l #	38
11) Tert butyl alcohol	4.954	59	469	Below Cal	#	89
16) Acetone	3.954	43	1351	2.277	ug/l	92
20) Methylene Chloride	4.710	84	12447	2.442	ug/l #	87
25) 2-Butanone	6.984	43	1178	1.357	ug/l #	49
31) Cyclohexane	7.789	56	3377	1.087	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	13358	4.851	ug/l #	50
38) Carbon Tetrachloride	7.783	117	16596	5.702	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	67490	40.739	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	67490	78.878	ug/l #	10

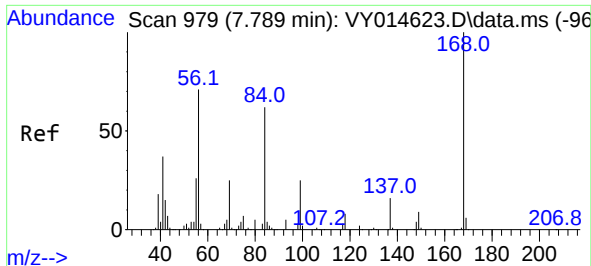
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072723\
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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

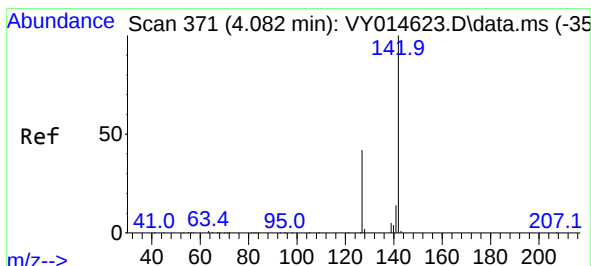
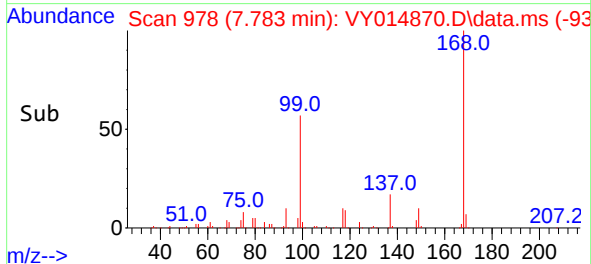
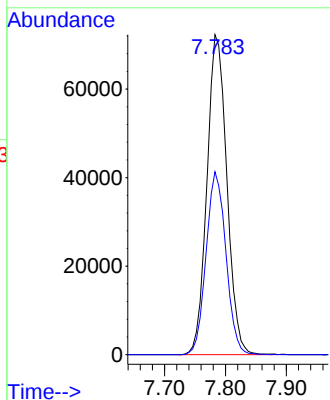
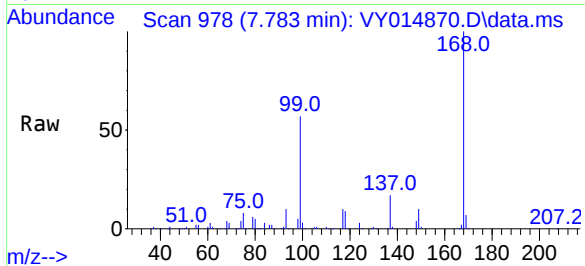




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014870.D
Acq: 27 Jul 2023 10:23

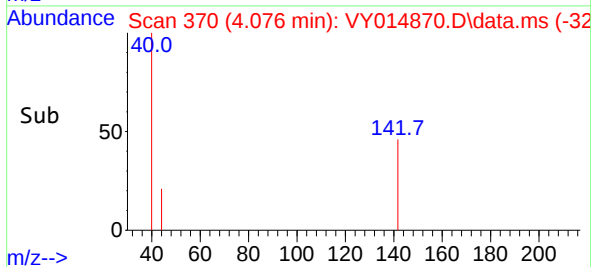
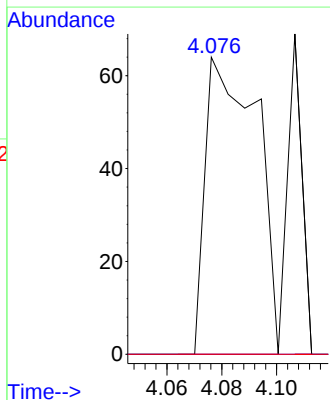
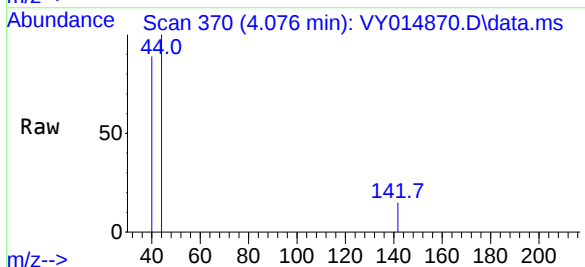
Instrument :
MSVOA_Y
ClientSampleId :

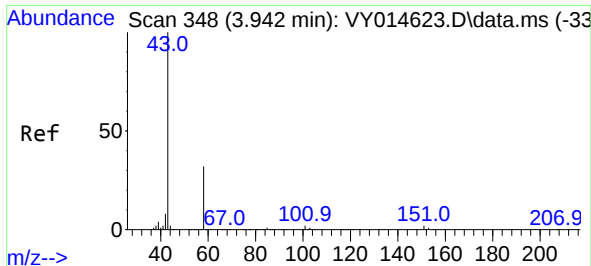
Tgt Ion:168 Resp: 164291
Ion Ratio Lower Upper
168 100
99 57.1 43.4 65.0



#10
Methyl Iodide
Concen: 2.413 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.006 min
Lab File: VY014870.D
Acq: 27 Jul 2023 10:23

Tgt Ion:142 Resp: 83
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#

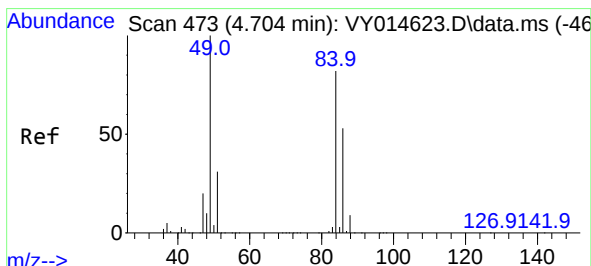
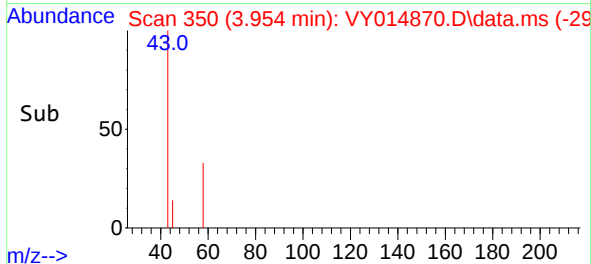
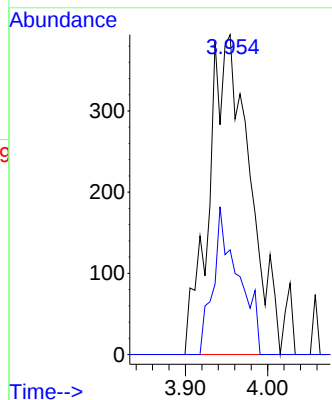
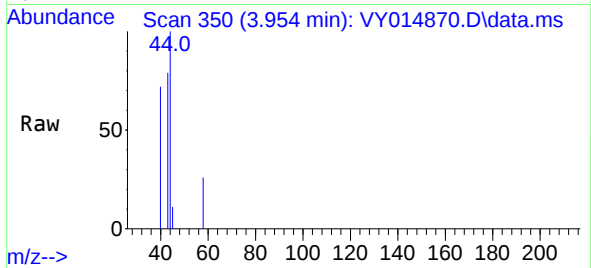




#16
Acetone
Concen: 2.277 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY014870.D
Acq: 27 Jul 2023 10:23

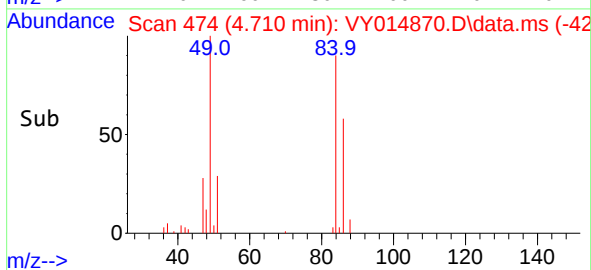
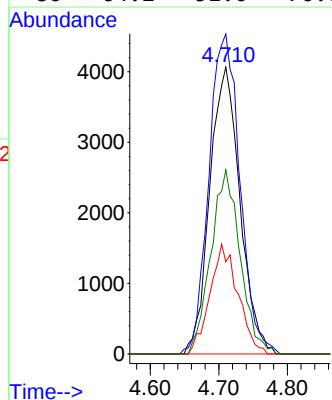
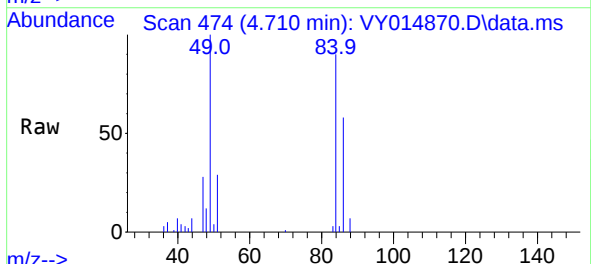
Instrument :
MSVOA_Y
ClientSampleId :

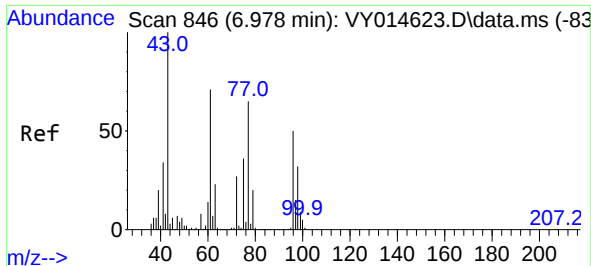
Tgt Ion: 43 Resp: 1351
Ion Ratio Lower Upper
43 100
58 32.7 22.7 34.1



#20
Methylene Chloride
Concen: 2.442 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY014870.D
Acq: 27 Jul 2023 10:23

Tgt Ion: 84 Resp: 12447
Ion Ratio Lower Upper
84 100
49 111.6 106.9 160.3
51 32.2 33.2 49.8#
86 64.2 51.0 76.6

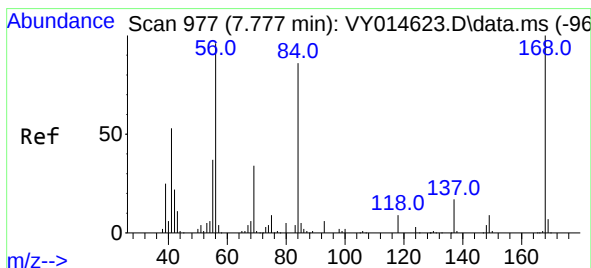
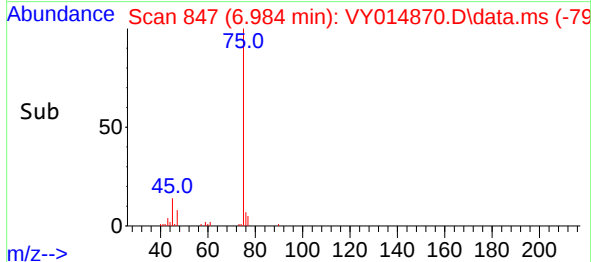
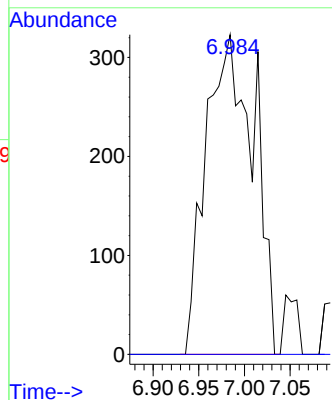
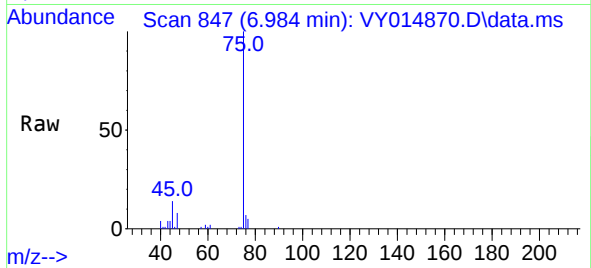




#25
2-Butanone
Concen: 1.357 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY014870.D
Acq: 27 Jul 2023 10:23

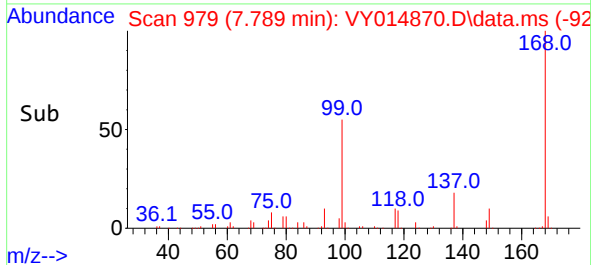
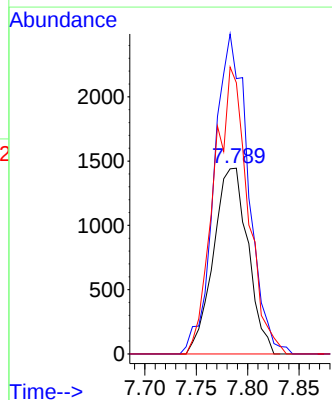
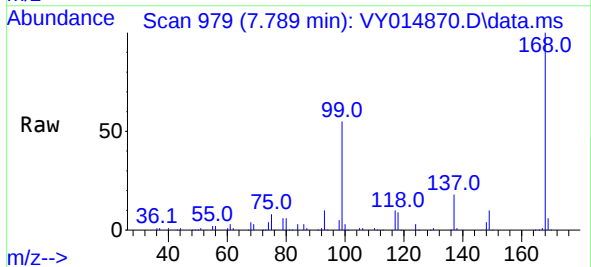
Instrument :
MSVOA_Y
ClientSampleId :

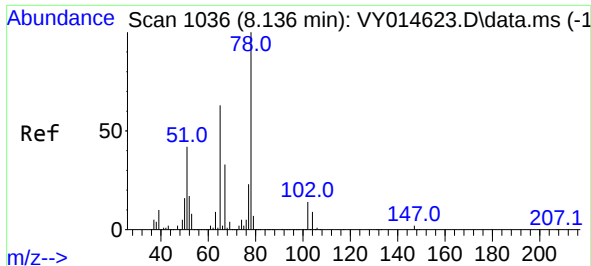
Tgt Ion: 43 Resp: 1178
Ion Ratio Lower Upper
43 100
72 0.0 20.5 30.7#



#31
Cyclohexane
Concen: 1.087 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.012 min
Lab File: VY014870.D
Acq: 27 Jul 2023 10:23

Tgt Ion: 56 Resp: 3377
Ion Ratio Lower Upper
56 100
69 148.2 27.8 41.6#
84 146.0 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 54.423 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY014870.D

Acq: 27 Jul 2023 10:23

Instrument :

MSVOA_Y

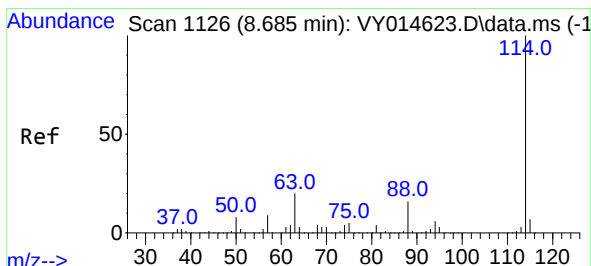
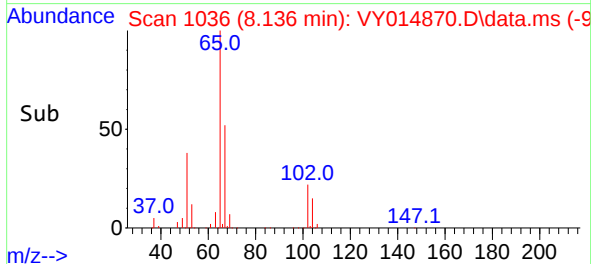
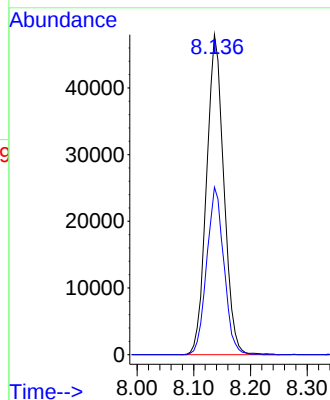
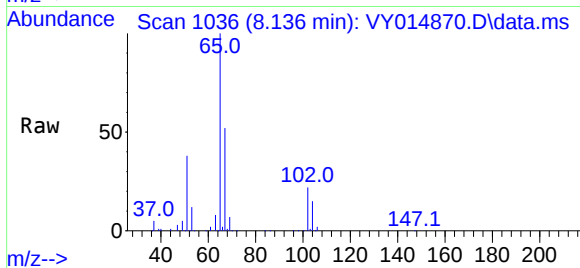
ClientSampleId :

Tgt Ion: 65 Resp: 101889

Ion Ratio Lower Upper

65 100

67 51.9 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: VY014870.D

Acq: 27 Jul 2023 10:23

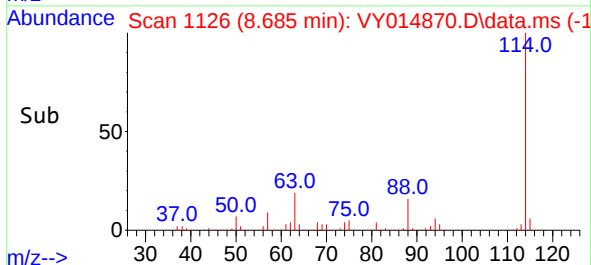
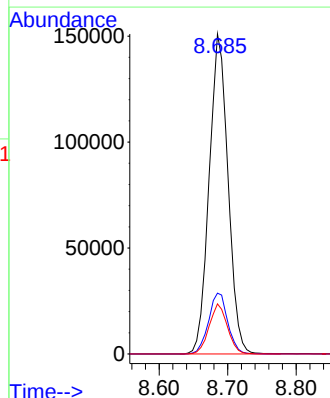
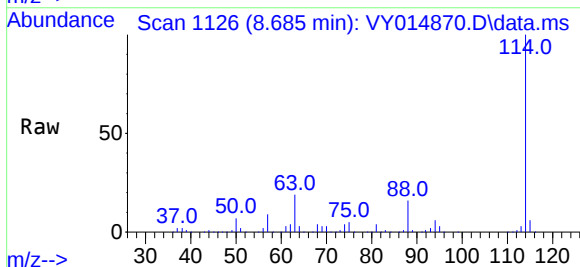
Tgt Ion: 114 Resp: 289245

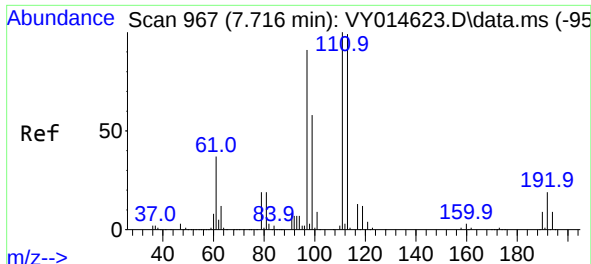
Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.4

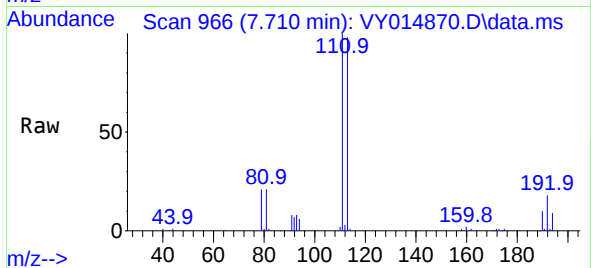
88 15.6 0.0 30.6



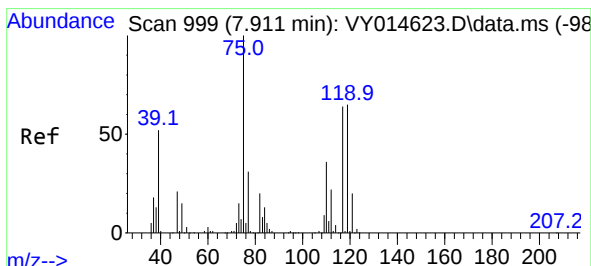
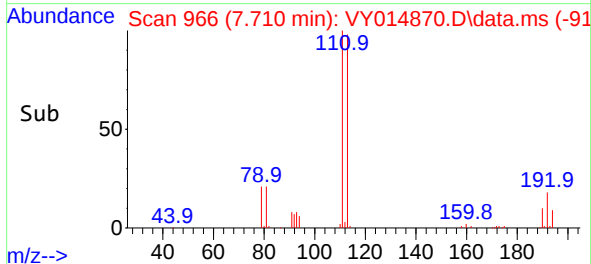
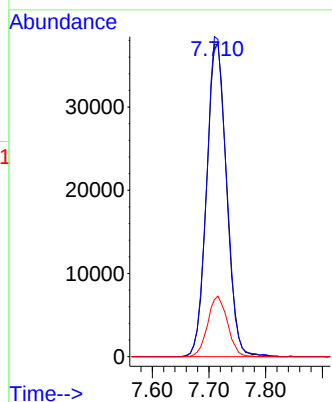


#35
Dibromofluoromethane
Concen: 49.959 ug/l
RT: 7.710 min Scan# 919
Delta R.T. -0.006 min
Lab File: VY014870.D
Acq: 27 Jul 2023 10:23

Instrument :
MSVOA_Y
ClientSampleId :

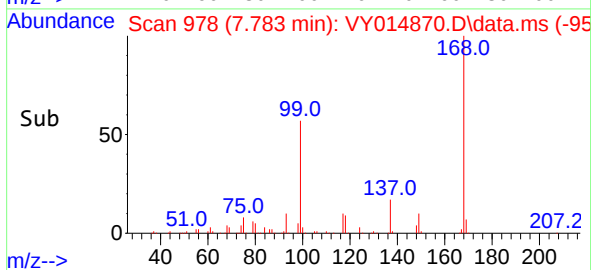
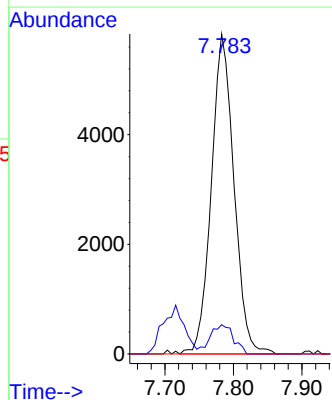
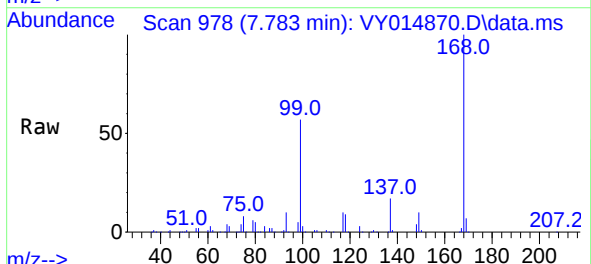


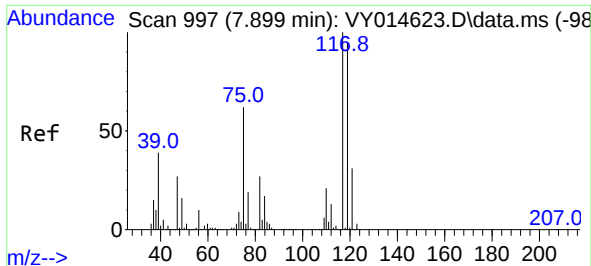
Tgt Ion:113 Resp: 91987
Ion Ratio Lower Upper
113 100
111 101.7 81.3 121.9
192 19.2 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.851 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY014870.D
Acq: 27 Jul 2023 10:23

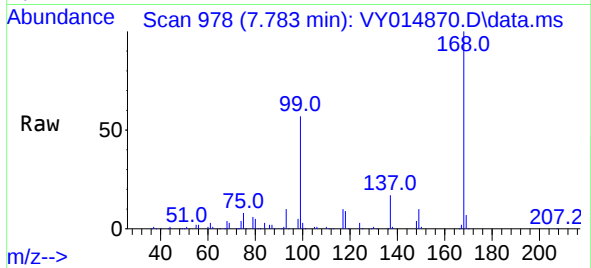
Tgt Ion: 75 Resp: 13358
Ion Ratio Lower Upper
75 100
110 9.4 17.8 53.5#
77 0.0 24.4 36.6#



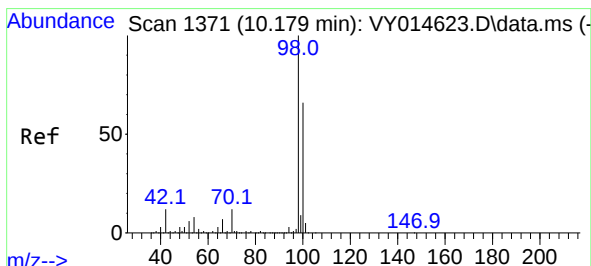
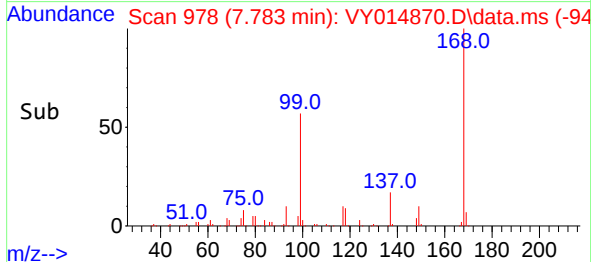
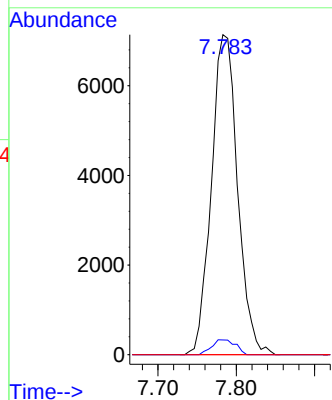


#38
Carbon Tetrachloride
Concen: 5.702 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY014870.D
Acq: 27 Jul 2023 10:23

Instrument :
MSVOA_Y
ClientSampleId :

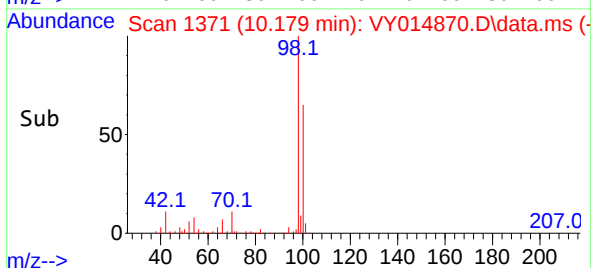
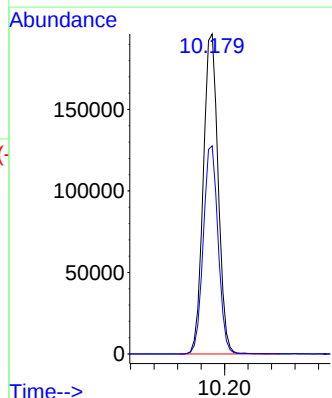
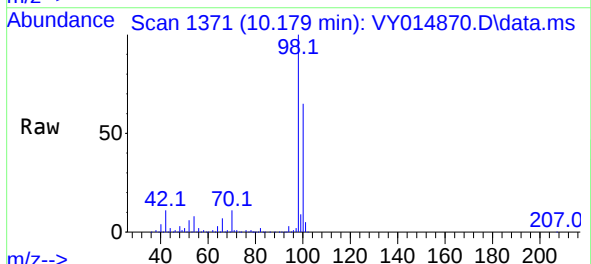


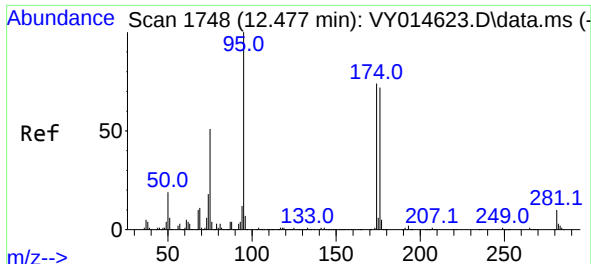
Tgt Ion:117 Resp: 16596
Ion Ratio Lower Upper
117 100
119 4.6 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 50.735 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014870.D
Acq: 27 Jul 2023 10:23

Tgt Ion: 98 Resp: 344408
Ion Ratio Lower Upper
98 100
100 64.8 50.1 75.1

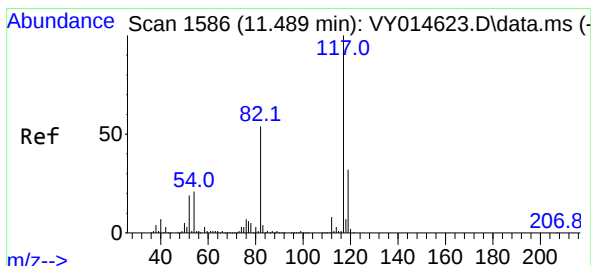
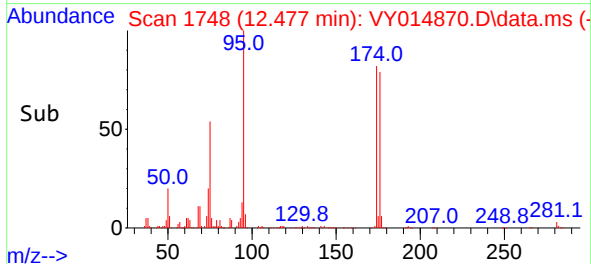
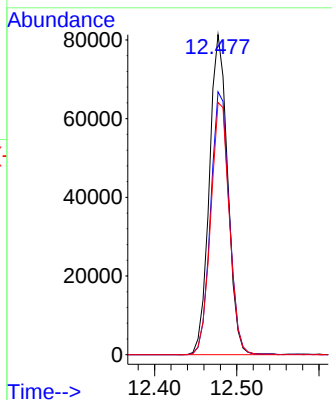
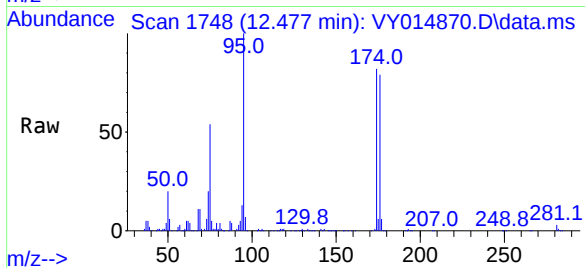




#62
4-Bromofluorobenzene
Concen: 48.505 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014870.D
Acq: 27 Jul 2023 10:23

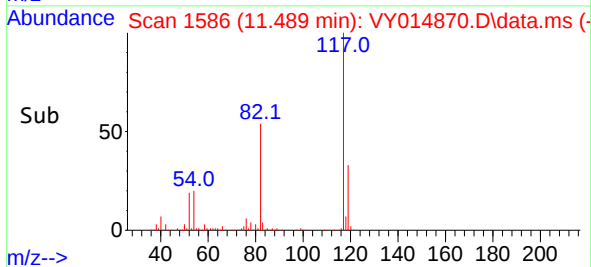
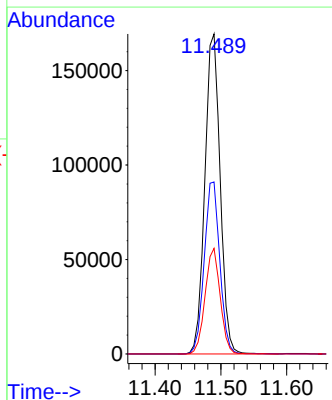
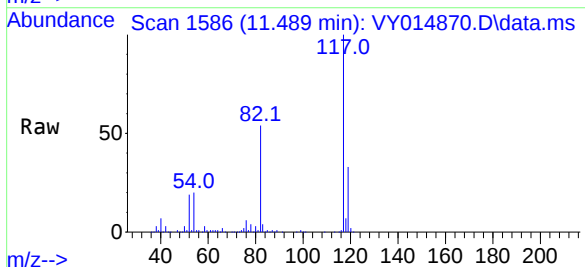
Instrument :
MSVOA_Y
ClientSampleId :

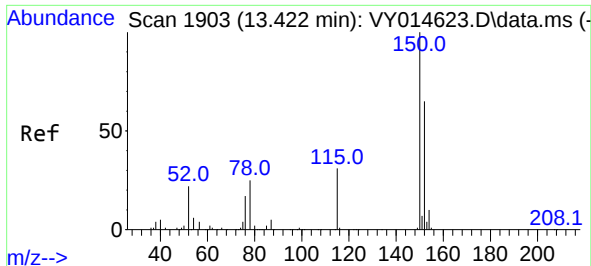
Tgt Ion: 95 Resp: 126254
Ion Ratio Lower Upper
95 100
174 83.0 0.0 178.2
176 80.0 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014870.D
Acq: 27 Jul 2023 10:23

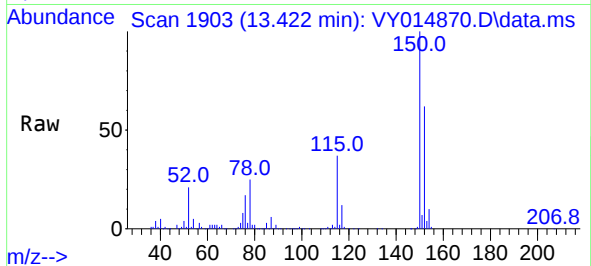
Tgt Ion: 117 Resp: 274618
Ion Ratio Lower Upper
117 100
82 53.8 43.4 65.0
119 33.0 26.3 39.5



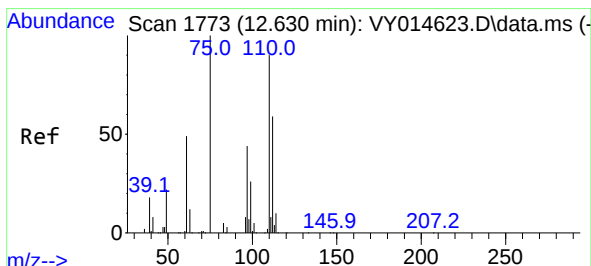
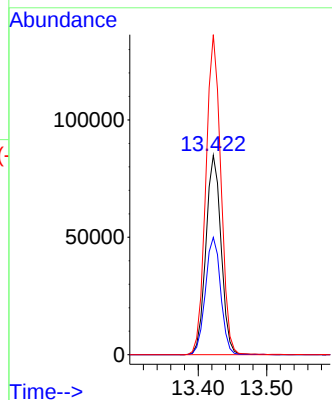
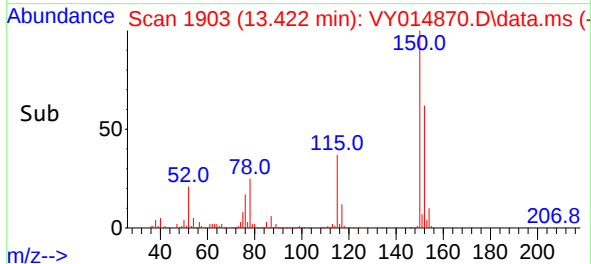


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY014870.D
Acq: 27 Jul 2023 10:23

Instrument :
MSVOA_Y
ClientSampleId :

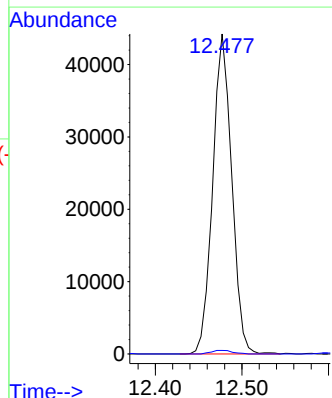
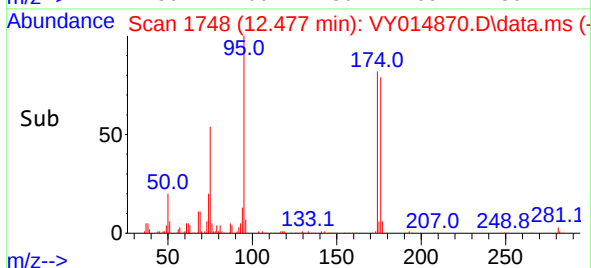
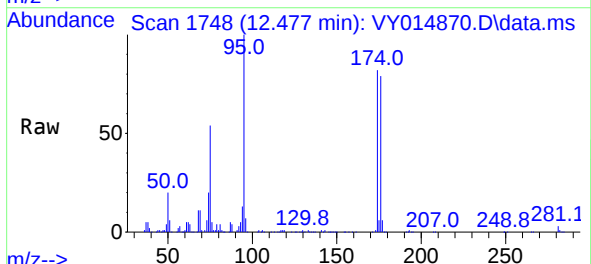


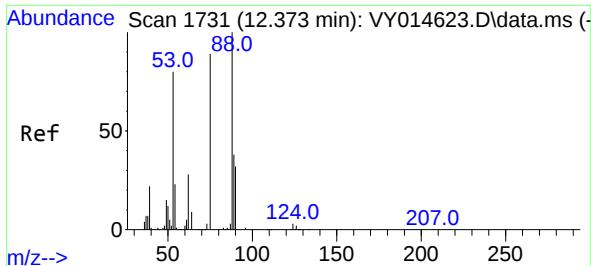
Tgt Ion:152 Resp: 131171
Ion Ratio Lower Upper
152 100
115 59.2 28.8 86.5
150 158.7 0.0 348.8



#76
1,2,3-Trichloropropane
Concen: 40.739 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY014870.D
Acq: 27 Jul 2023 10:23

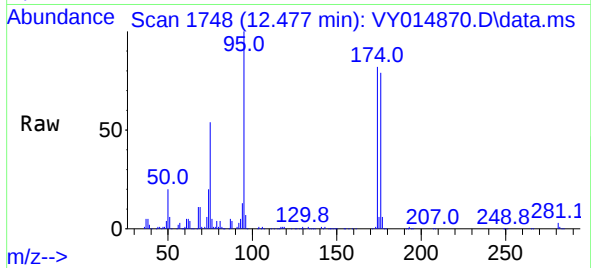
Tgt Ion: 75 Resp: 67490
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 78.878 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY014870.D
Acq: 27 Jul 2023 10:23

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 67490
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

