

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072623\
 Data File : VY014852.D
 Acq On : 26 Jul 2023 16:17
 Operator : SY/MD
 Sample : 03741-12
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 26 16:30:34 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	153144	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	271492	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	257757	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	121584	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	96057	55.043	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.080%
35) Dibromofluoromethane	7.710	113	86067	49.800	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.600%
50) Toluene-d8	10.179	98	320353	50.277	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.560%
62) 4-Bromofluorobenzene	12.477	95	117940	48.274	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.540%

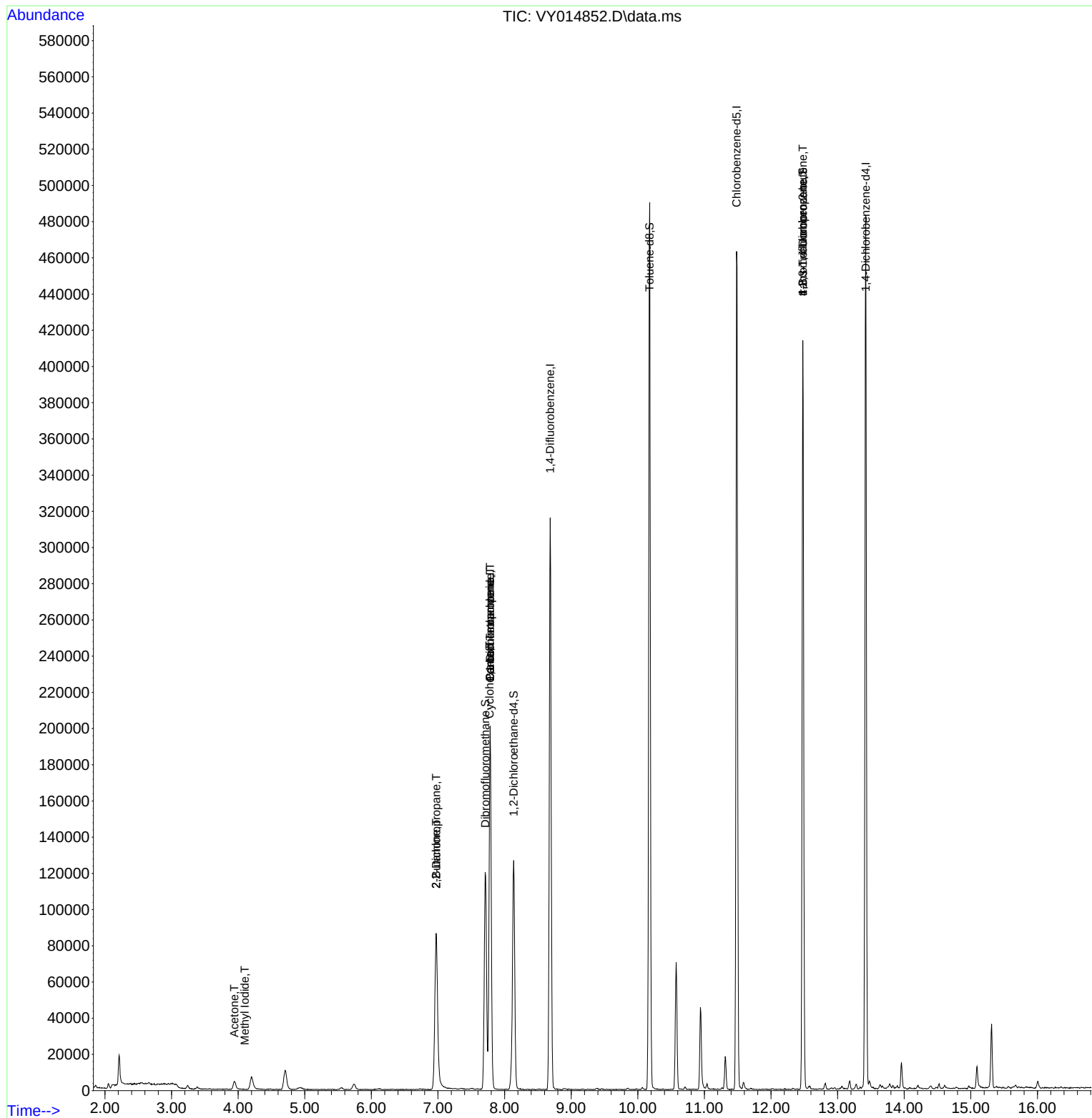
Target Compounds					Qvalue	
10) Methyl Iodide	4.101	142	43	2.393	ug/l #	38
11) Tert butyl alcohol	4.948	59	2155	Below Cal	#	89
16) Acetone	3.942	43	8187	14.804	ug/l	95
25) 2-Butanone	6.972	43	4689	5.796	ug/l #	75
26) 2,2-Dichloropropane	6.972	77	6317	2.128	ug/l #	54
31) Cyclohexane	7.777	56	3266	1.127	ug/l #	5
36) 1,1-Dichloropropene	7.783	75	11906	4.607	ug/l #	50
38) Carbon Tetrachloride	7.783	117	15328	5.610	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	62579	40.753	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	62579	78.905	ug/l #	11

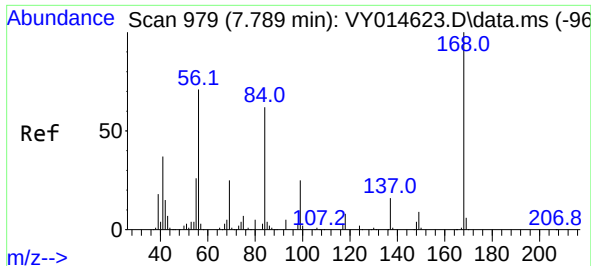
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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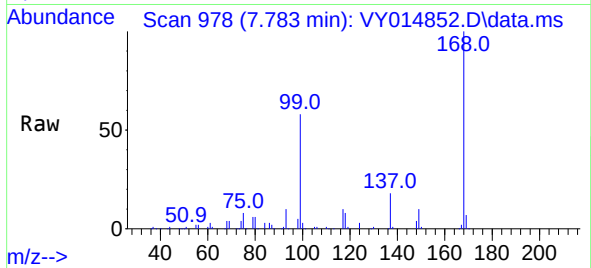
Quant Time: Jul 26 16:30:34 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
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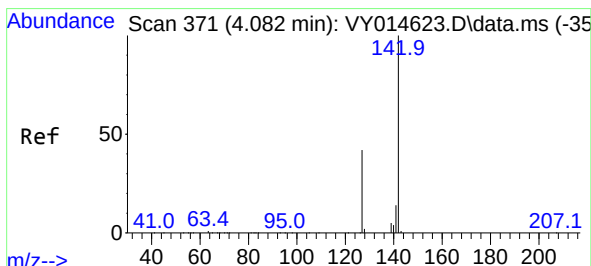
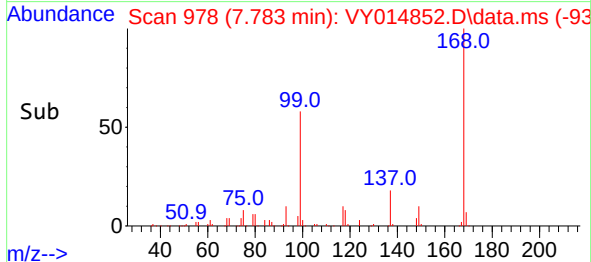
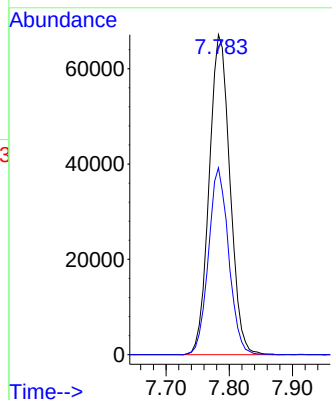


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014852.D
Acq: 26 Jul 2023 16:17

Instrument :
MSVOA_Y
ClientSampleId :

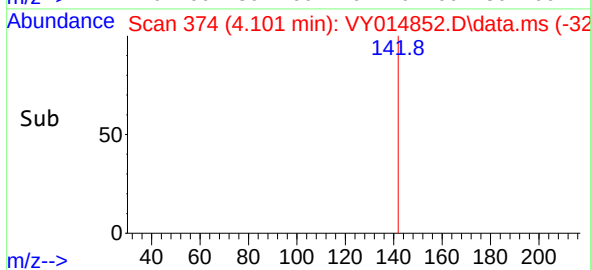
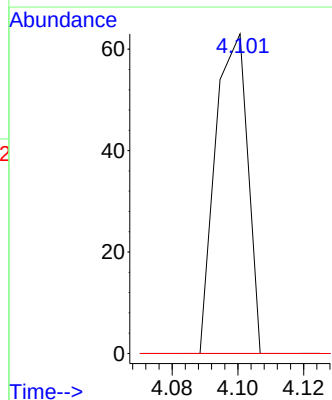
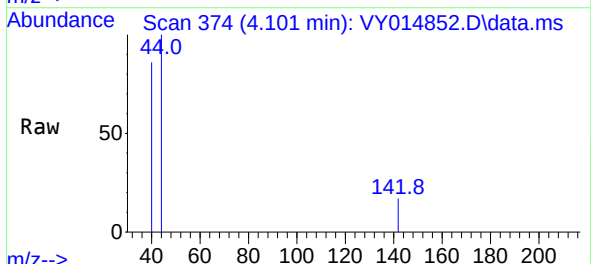


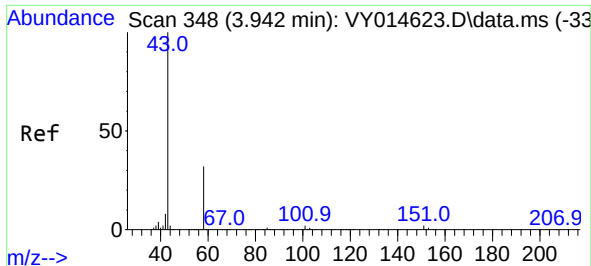
Tgt Ion:168 Resp: 153144
Ion Ratio Lower Upper
168 100
99 58.4 43.4 65.0



#10
Methyl Iodide
Concen: 2.393 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.019 min
Lab File: VY014852.D
Acq: 26 Jul 2023 16:17

Tgt Ion:142 Resp: 43
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#

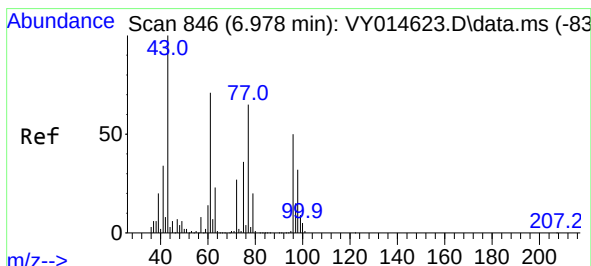
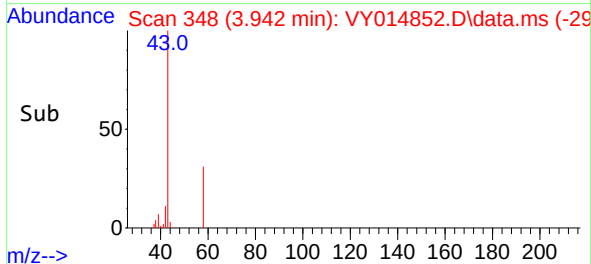
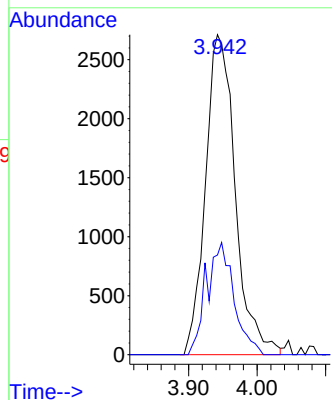
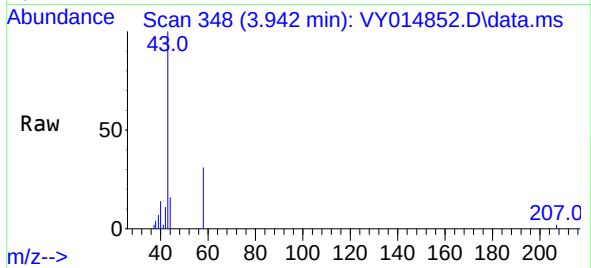




#16
Acetone
Concen: 14.804 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY014852.D
Acq: 26 Jul 2023 16:17

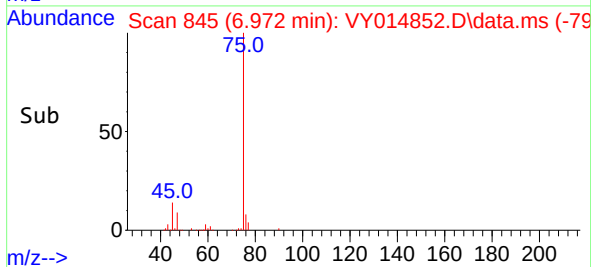
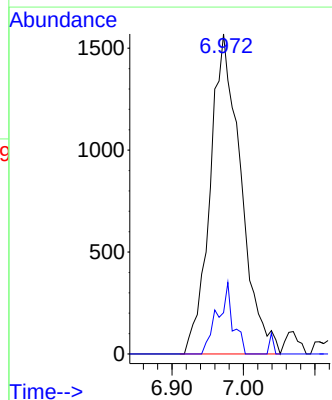
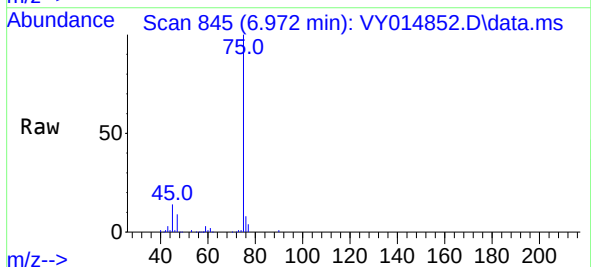
Instrument :
MSVOA_Y
ClientSampleId :

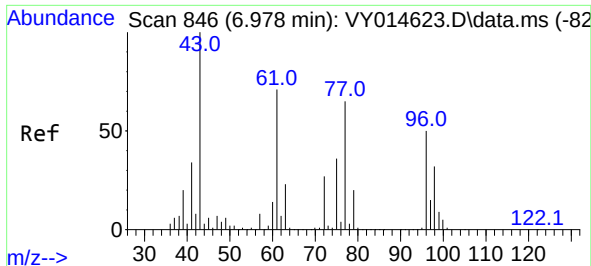
Tgt Ion: 43 Resp: 8187
Ion Ratio Lower Upper
43 100
58 31.2 22.7 34.1



#25
2-Butanone
Concen: 5.796 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY014852.D
Acq: 26 Jul 2023 16:17

Tgt Ion: 43 Resp: 4689
Ion Ratio Lower Upper
43 100
72 12.9 20.5 30.7#





#26

2,2-Dichloropropane

Concen: 2.128 ug/l

RT: 6.972 min Scan# 846

Delta R.T. -0.006 min

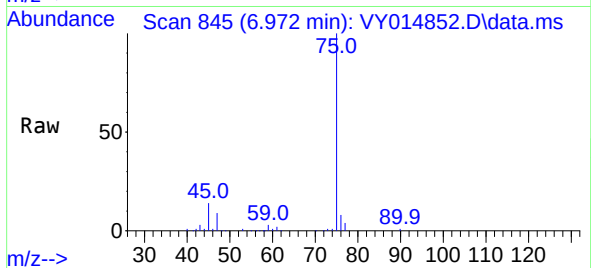
Lab File: VY014852.D

Acq: 26 Jul 2023 16:17

Instrument :

MSVOA_Y

ClientSampleId :

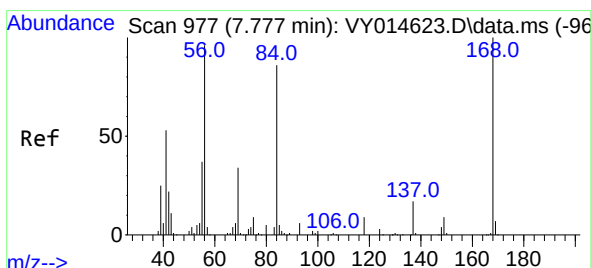
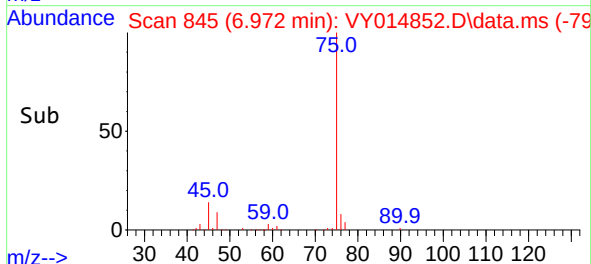
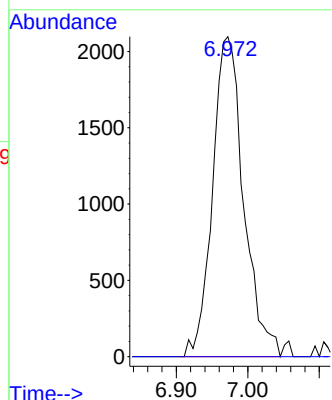


Tgt Ion: 77 Resp: 6317

Ion Ratio Lower Upper

77 100

97 0.0 10.9 32.9#



#31

Cyclohexane

Concen: 1.127 ug/l

RT: 7.777 min Scan# 977

Delta R.T. -0.000 min

Lab File: VY014852.D

Acq: 26 Jul 2023 16:17

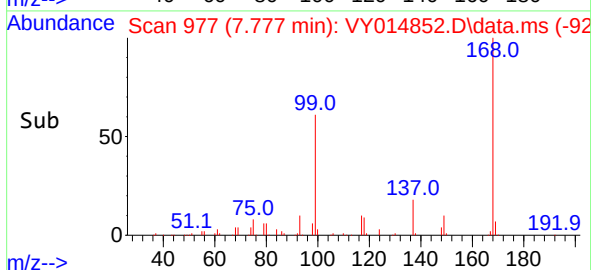
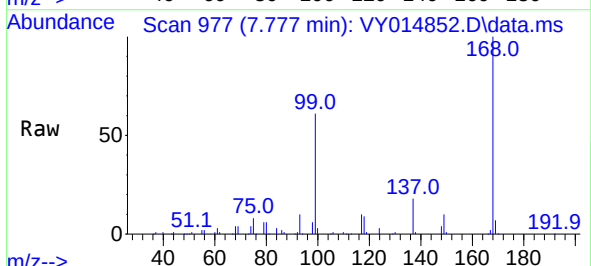
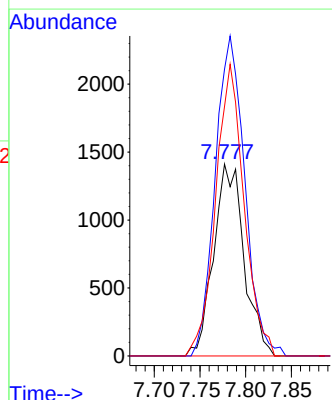
Tgt Ion: 56 Resp: 3266

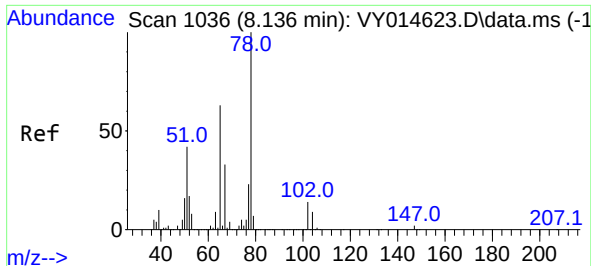
Ion Ratio Lower Upper

56 100

69 149.4 27.8 41.6#

84 130.0 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 55.043 ug/l

RT: 8.137 min Scan# 1103

Delta R.T. 0.001 min

Lab File: VY014852.D

Acq: 26 Jul 2023 16:17

Instrument :

MSVOA_Y

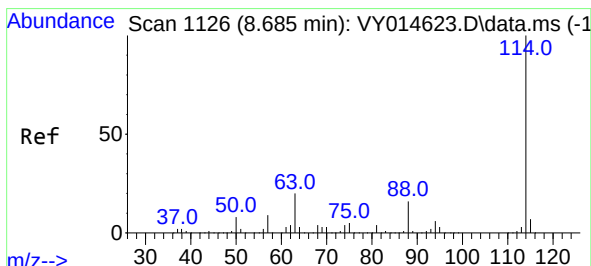
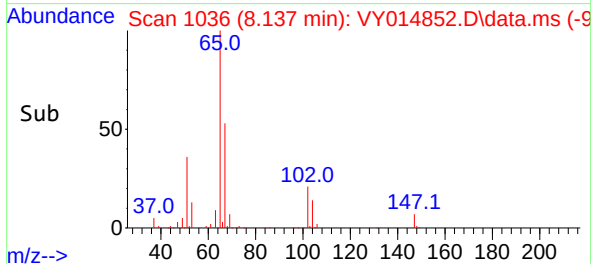
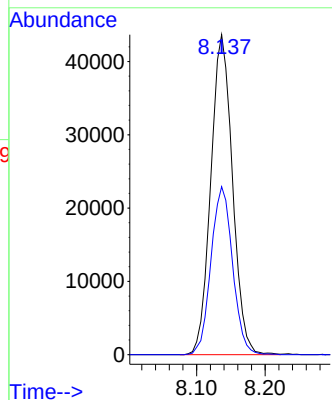
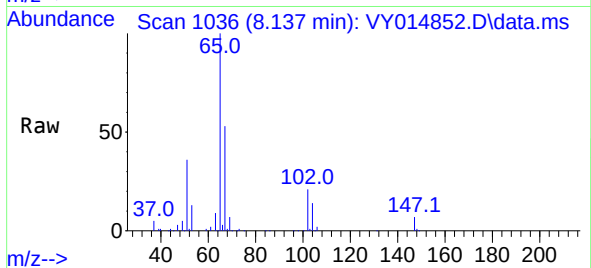
ClientSampleId :

Tgt Ion: 65 Resp: 96057

Ion Ratio Lower Upper

65 100

67 52.3 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: VY014852.D

Acq: 26 Jul 2023 16:17

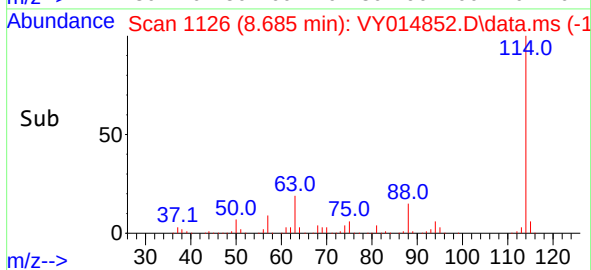
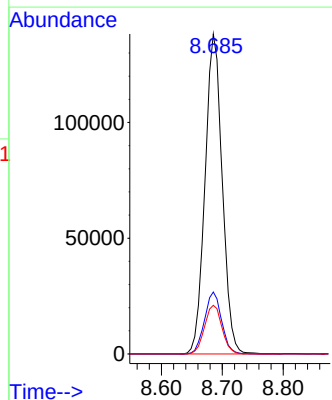
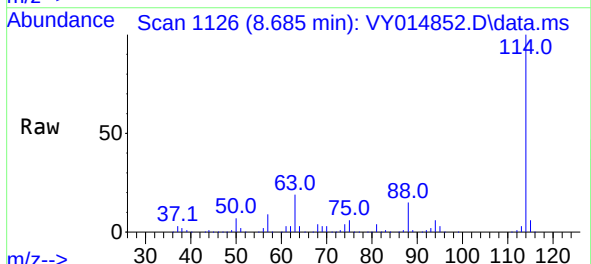
Tgt Ion: 114 Resp: 271492

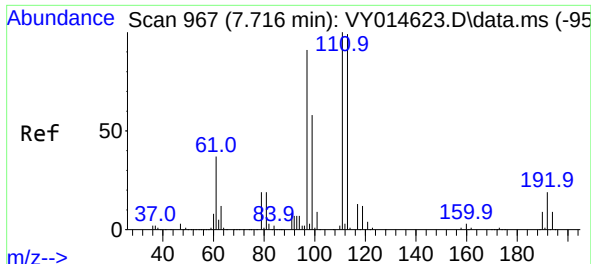
Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.4

88 15.2 0.0 30.6

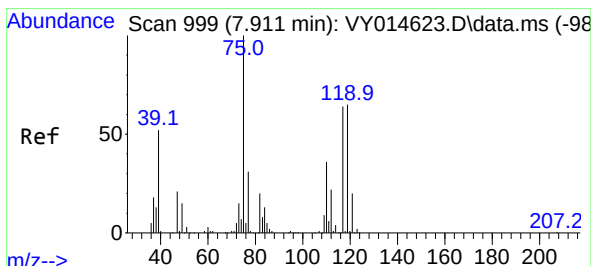
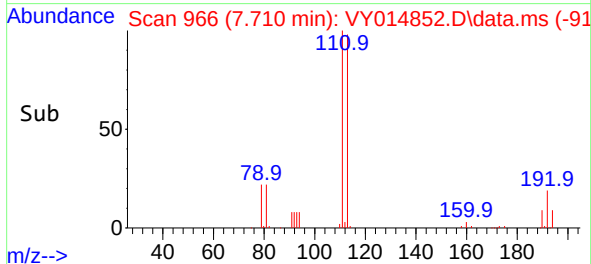
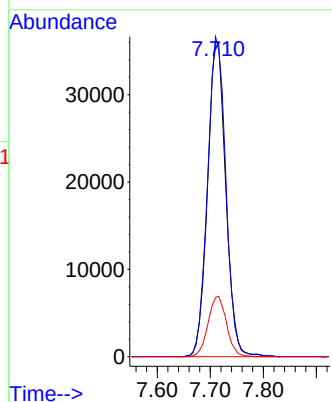
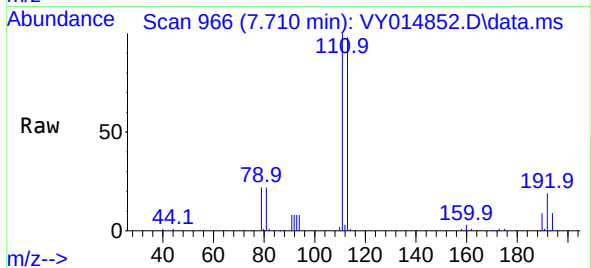




#35
Dibromofluoromethane
Concen: 49.800 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY014852.D
Acq: 26 Jul 2023 16:17

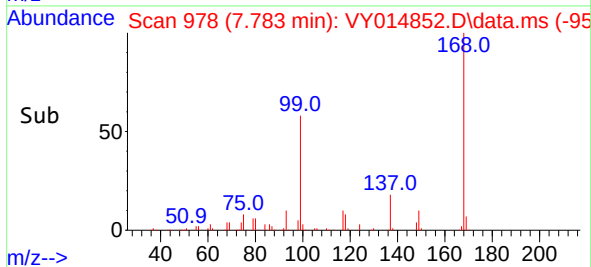
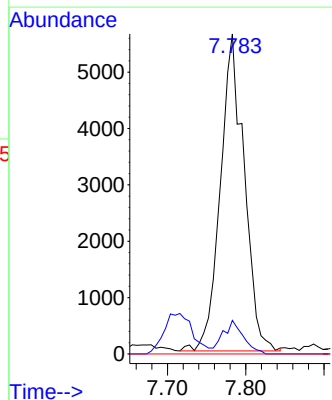
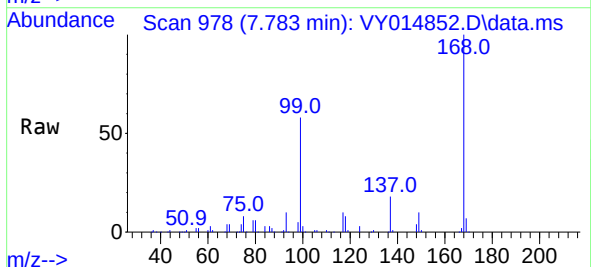
Instrument :
MSVOA_Y
ClientSampleId :

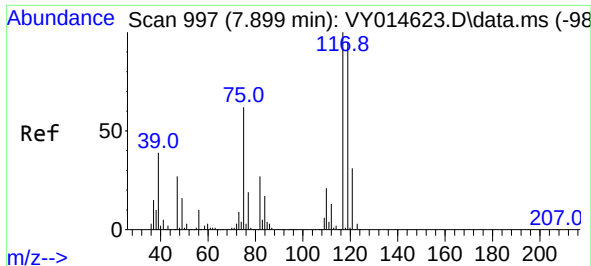
Tgt Ion:113 Resp: 86067
Ion Ratio Lower Upper
113 100
111 102.2 81.3 121.9
192 19.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.607 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY014852.D
Acq: 26 Jul 2023 16:17

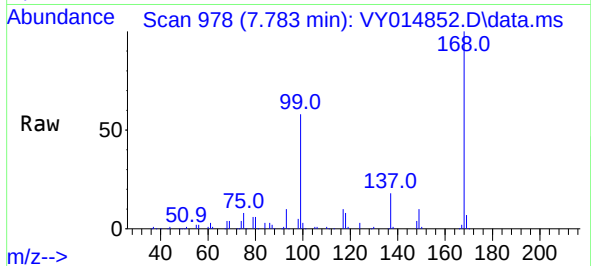
Tgt Ion: 75 Resp: 11906
Ion Ratio Lower Upper
75 100
110 8.9 17.8 53.5#
77 0.0 24.4 36.6#



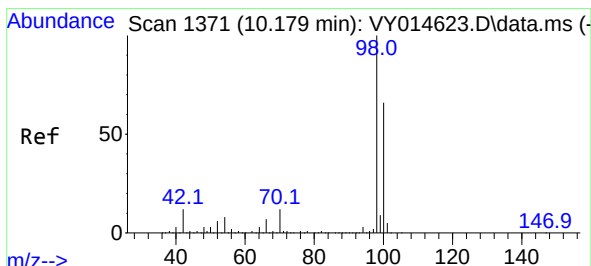
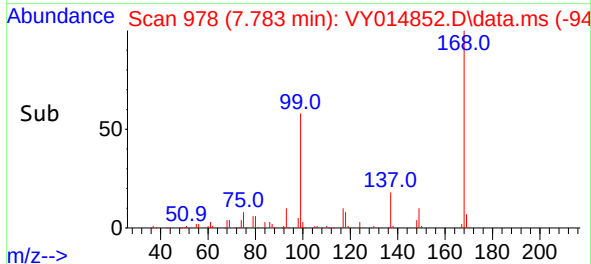
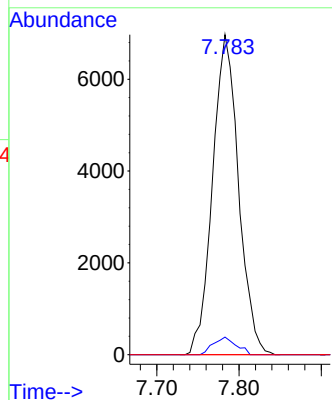


#38
Carbon Tetrachloride
Concen: 5.610 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY014852.D
Acq: 26 Jul 2023 16:17

Instrument :
MSVOA_Y
ClientSampleId :

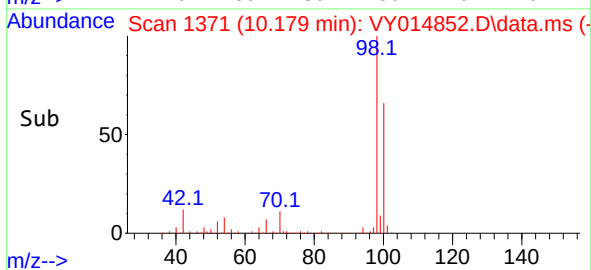
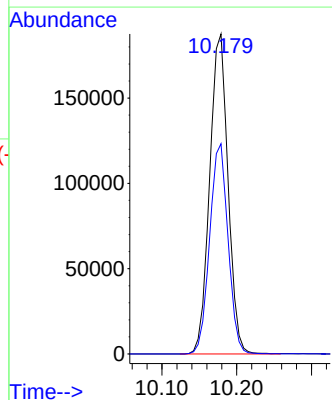
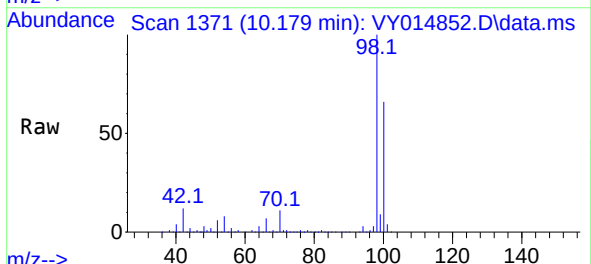


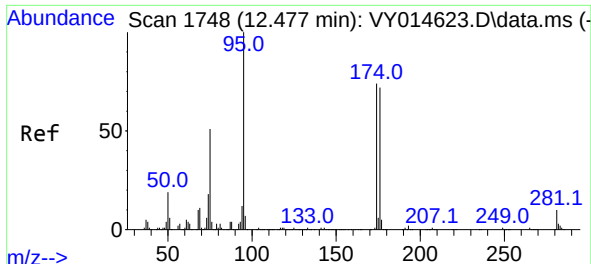
Tgt Ion:117 Resp: 15328
Ion Ratio Lower Upper
117 100
119 5.5 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 50.277 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014852.D
Acq: 26 Jul 2023 16:17

Tgt Ion: 98 Resp: 320353
Ion Ratio Lower Upper
98 100
100 65.9 50.1 75.1

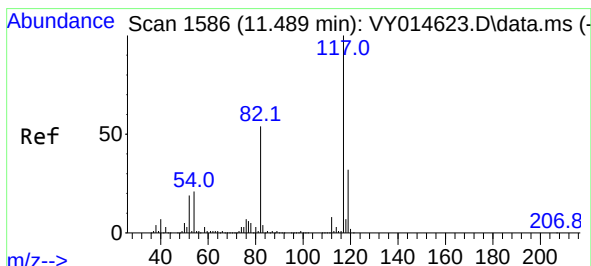
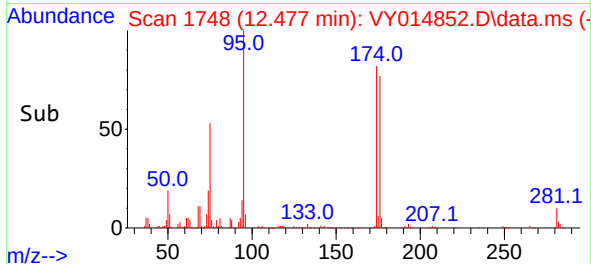
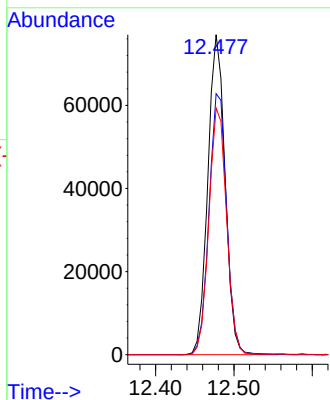
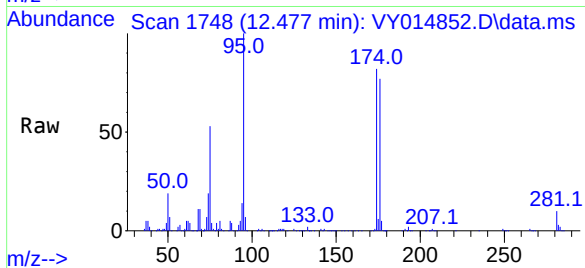




#62
4-Bromofluorobenzene
Concen: 48.274 ug/l
RT: 12.477 min Scan# 117940
Delta R.T. 0.000 min
Lab File: VY014852.D
Acq: 26 Jul 2023 16:17

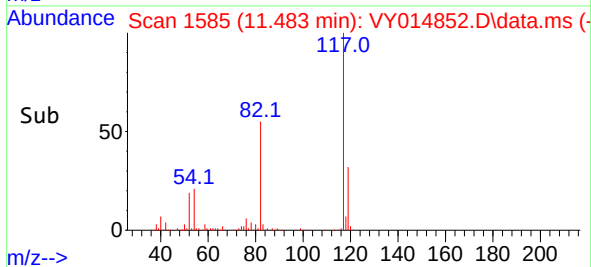
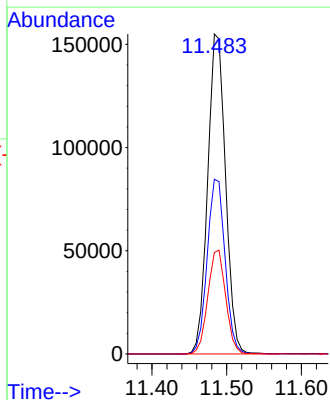
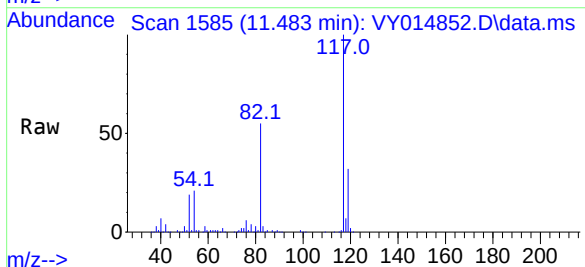
Instrument :
MSVOA_Y
ClientSampleId :

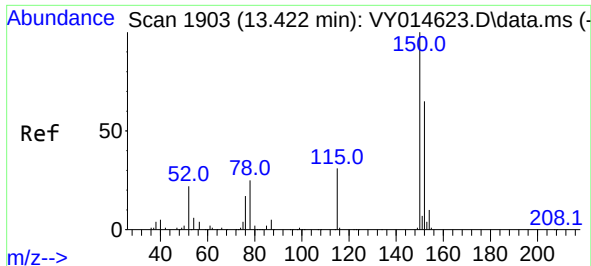
Tgt Ion: 95 Resp: 117940
Ion Ratio Lower Upper
95 100
174 83.5 0.0 178.2
176 78.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY014852.D
Acq: 26 Jul 2023 16:17

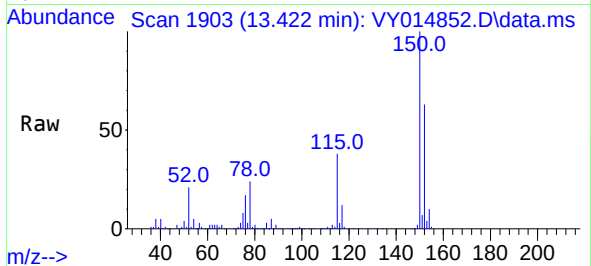
Tgt Ion: 117 Resp: 257757
Ion Ratio Lower Upper
117 100
82 54.6 43.4 65.0
119 31.7 26.3 39.5



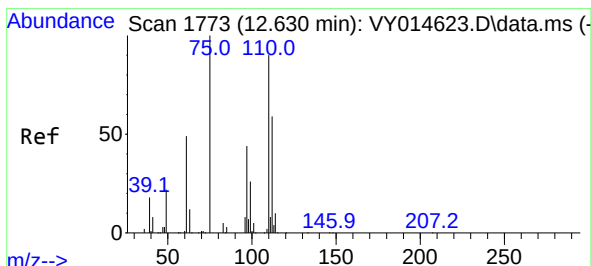
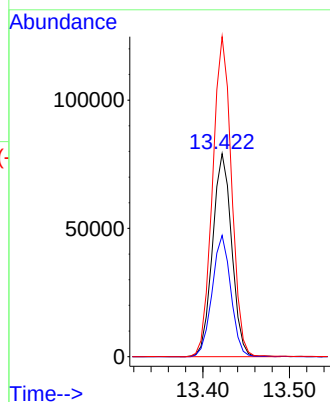
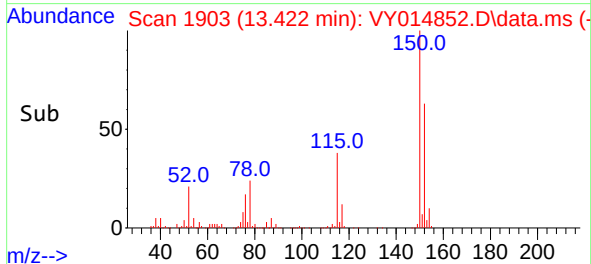


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY014852.D
Acq: 26 Jul 2023 16:17

Instrument :
MSVOA_Y
ClientSampleId :

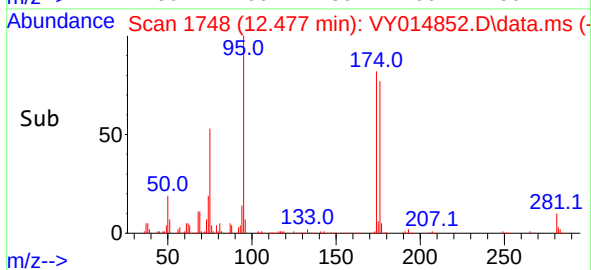
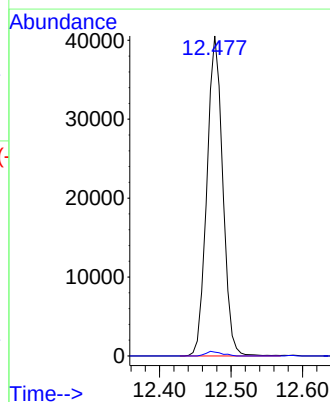
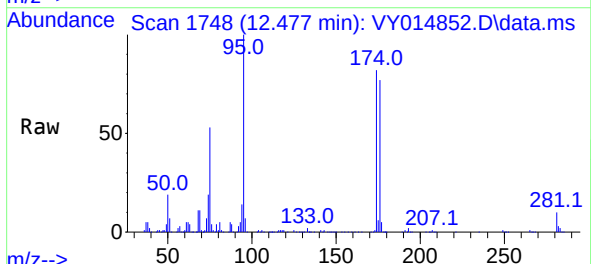


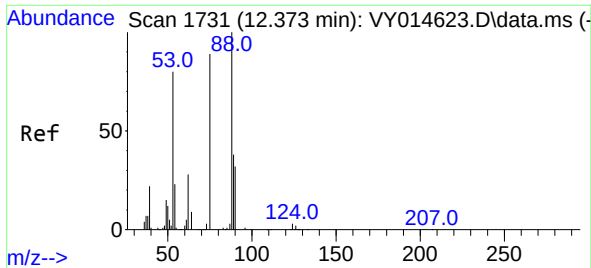
Tgt Ion:152 Resp: 121584
Ion Ratio Lower Upper
152 100
115 58.3 28.8 86.5
150 156.2 0.0 348.8



#76
1,2,3-Trichloropropane
Concen: 40.753 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY014852.D
Acq: 26 Jul 2023 16:17

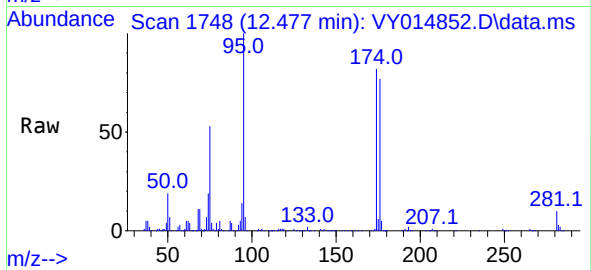
Tgt Ion: 75 Resp: 62579
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 78.905 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY014852.D
Acq: 26 Jul 2023 16:17

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 62579
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.3 37.4 56.0#

