

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072723\
 Data File : VY014878.D
 Acq On : 27 Jul 2023 13:32
 Operator : SY/MD
 Sample : 03686-13
 Misc : 5.33g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 28 02:37:29 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)

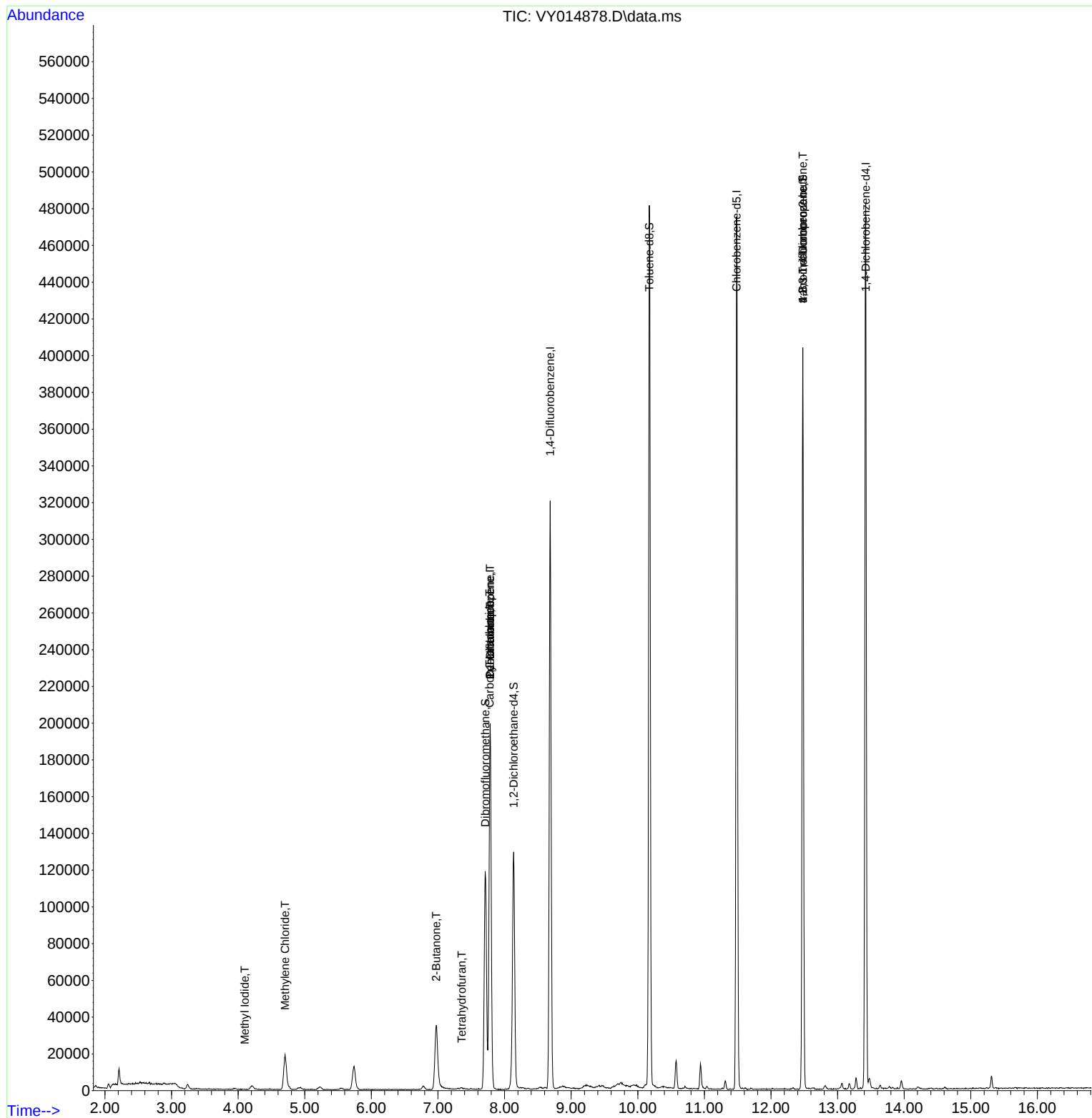
Internal Standards						
1) Pentafluorobenzene	7.783	168	154354	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	270447	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.484	117	258770	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	123366	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	98478	55.988	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.980%
35) Dibromofluoromethane	7.710	113	85149	49.459	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.920%
50) Toluene-d8	10.173	98	319961	50.410	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.820%
62) 4-Bromofluorobenzene	12.477	95	119109	48.941	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.880%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.101	142	25	2.383	ug/l #	38
11) Tert butyl alcohol	4.936	59	1568	Below Cal	#	89
20) Methylene Chloride	4.704	84	13587	3.584	ug/l	95
25) 2-Butanone	6.972	43	2021	2.478	ug/l #	82
29) Tetrahydrofuran	7.356	42	561	1.117	ug/l #	61
31) Cyclohexane	7.783	56	3236	1.108	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	12280	4.770	ug/l #	49
38) Carbon Tetrachloride	7.777	117	15569	5.721	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	63553	40.789	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	63553	78.975	ug/l #	10

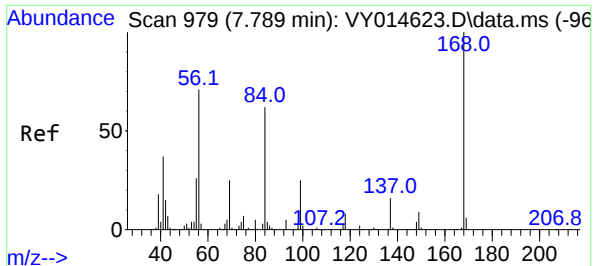
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072723\
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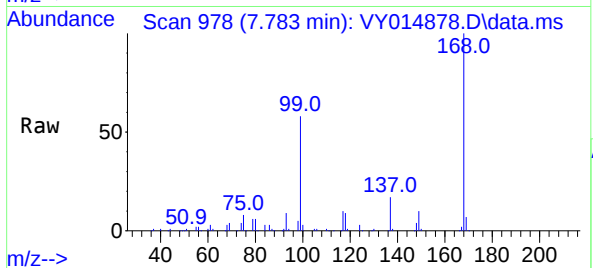
Quant Time: Jul 28 02:37:29 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 14 02:09:50 2023
Response via : Initial Calibration



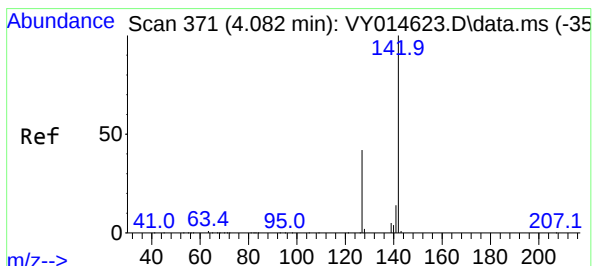
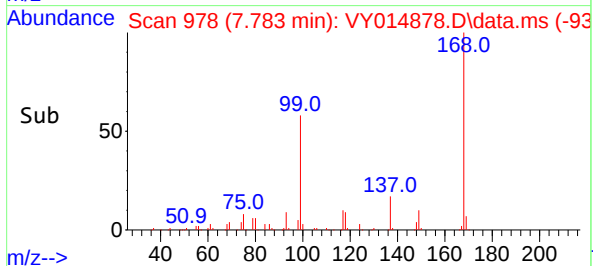
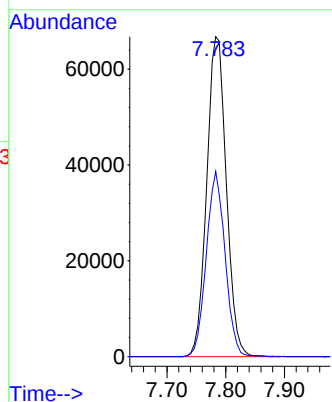


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014878.D
Acq: 27 Jul 2023 13:32

Instrument :
MSVOA_Y
ClientSampleId :

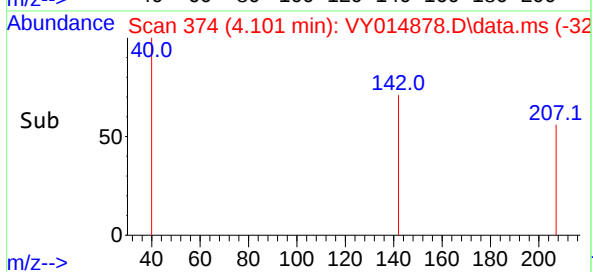
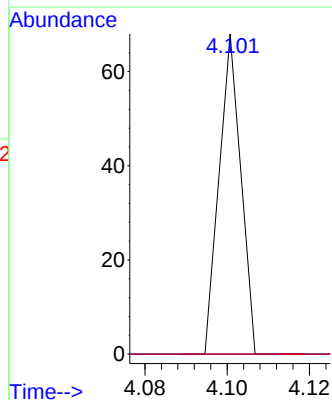
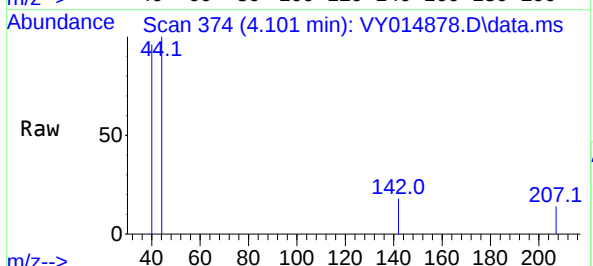


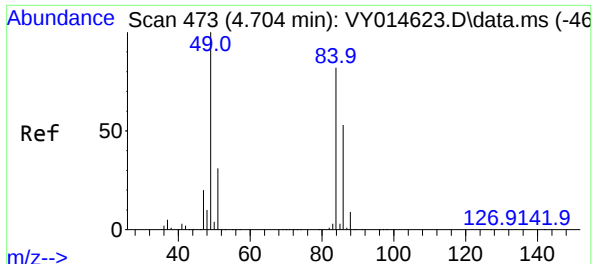
Tgt Ion:168 Resp: 154354
Ion Ratio Lower Upper
168 100
99 57.9 43.4 65.0



#10
Methyl Iodide
Concen: 2.383 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.019 min
Lab File: VY014878.D
Acq: 27 Jul 2023 13:32

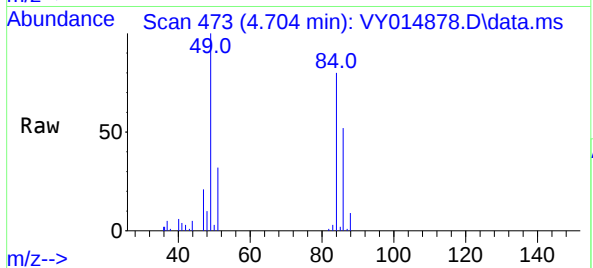
Tgt Ion:142 Resp: 25
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#





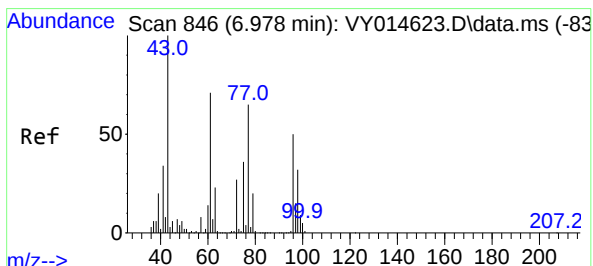
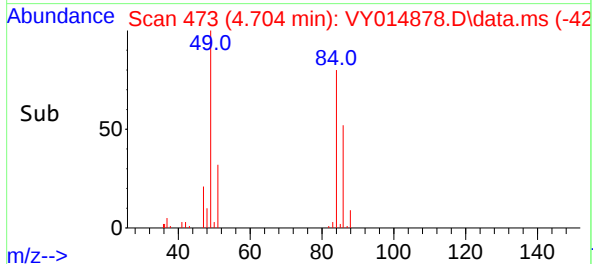
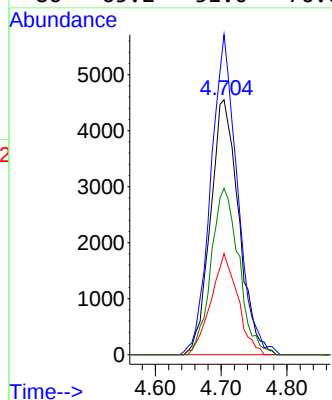
#20
Methylene Chloride
Concen: 3.584 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY014878.D
Acq: 27 Jul 2023 13:32

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 13587

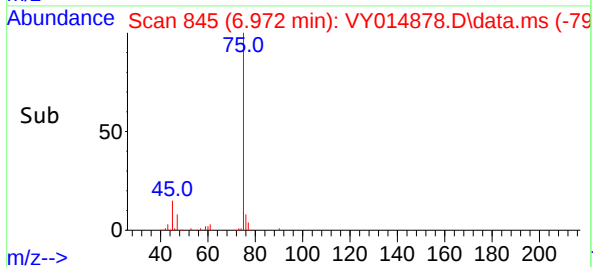
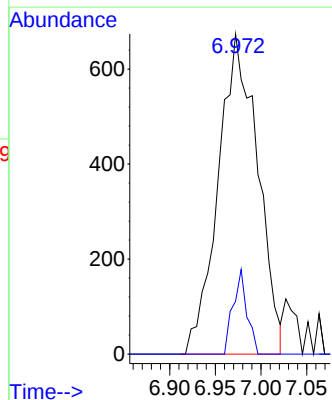
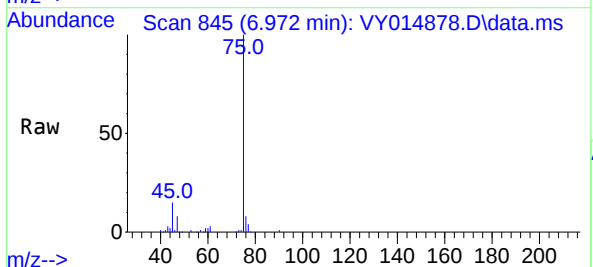
Ion	Ratio	Lower	Upper
84	100		
49	125.5	106.9	160.3
51	39.7	33.2	49.8
86	65.2	51.0	76.6

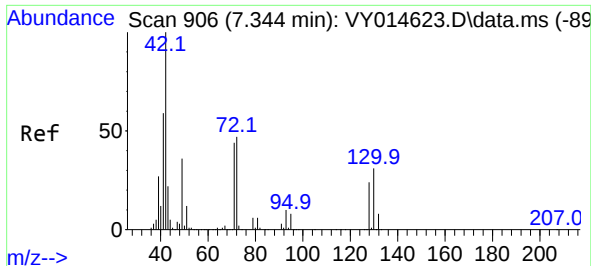


#25
2-Butanone
Concen: 2.478 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY014878.D
Acq: 27 Jul 2023 13:32

Tgt Ion: 43 Resp: 2021

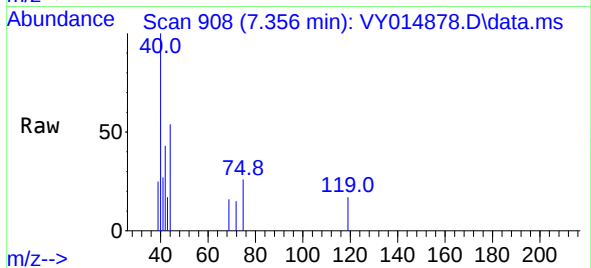
Ion	Ratio	Lower	Upper
43	100		
72	16.5	20.5	30.7#



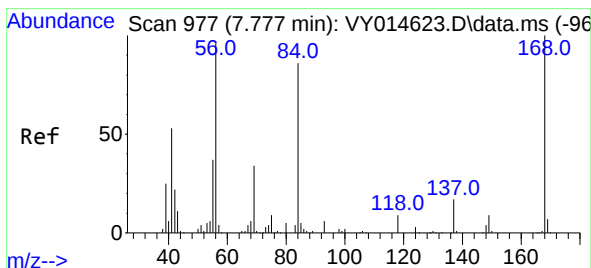
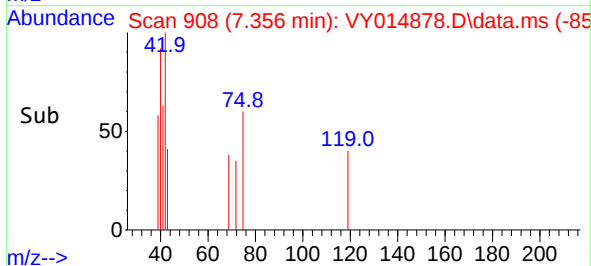
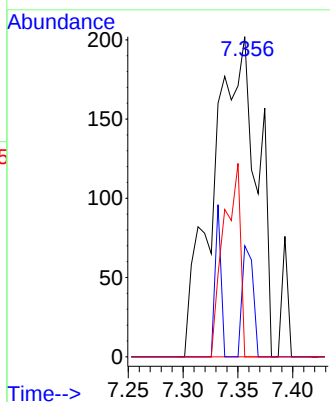


#29
Tetrahydrofuran
Concen: 1.117 ug/l
RT: 7.356 min Scan# 906
Delta R.T. 0.012 min
Lab File: VY014878.D
Acq: 27 Jul 2023 13:32

Instrument :
MSVOA_Y
ClientSampleId :

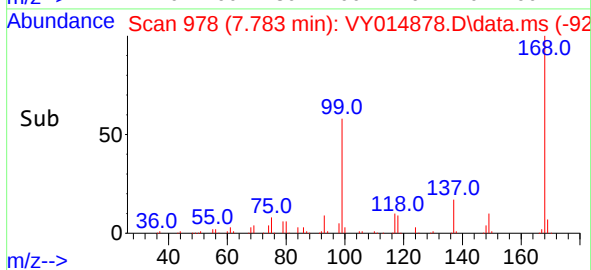
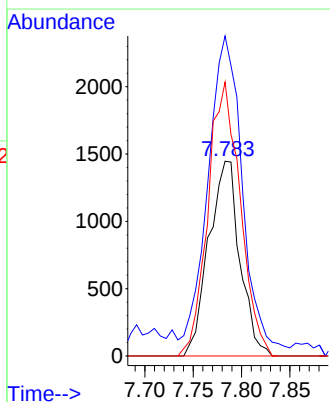
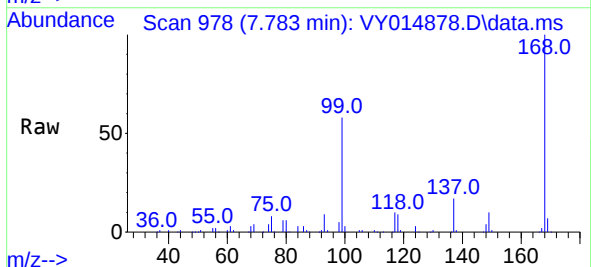


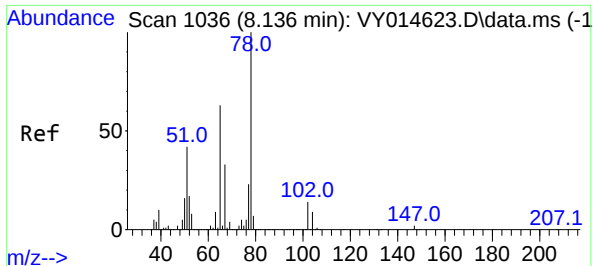
Tgt Ion: 42 Resp: 561
Ion Ratio Lower Upper
42 100
72 8.6 32.8 49.2#
71 23.0 31.0 46.4#



#31
Cyclohexane
Concen: 1.108 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.006 min
Lab File: VY014878.D
Acq: 27 Jul 2023 13:32

Tgt Ion: 56 Resp: 3236
Ion Ratio Lower Upper
56 100
69 157.8 27.8 41.6#
84 140.6 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 55.988 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY014878.D

Acq: 27 Jul 2023 13:32

Instrument :

MSVOA_Y

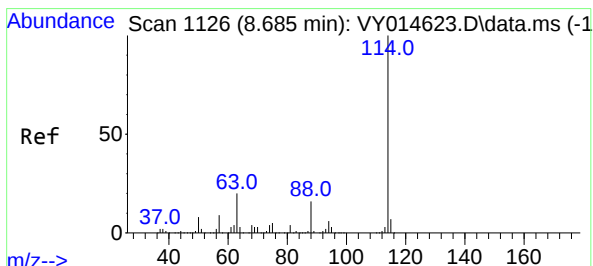
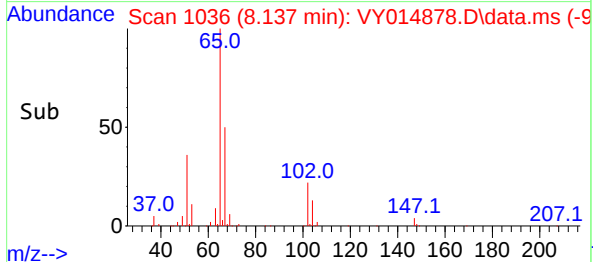
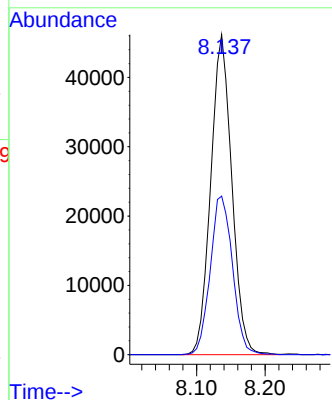
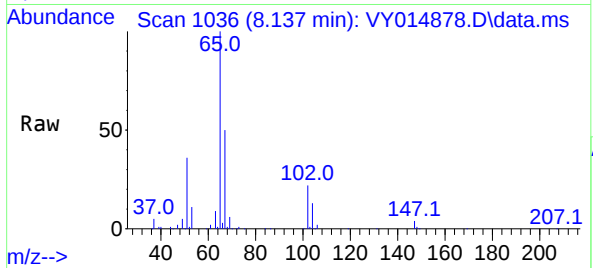
ClientSampleId :

Tgt Ion: 65 Resp: 98478

Ion Ratio Lower Upper

65 100

67 52.4 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: VY014878.D

Acq: 27 Jul 2023 13:32

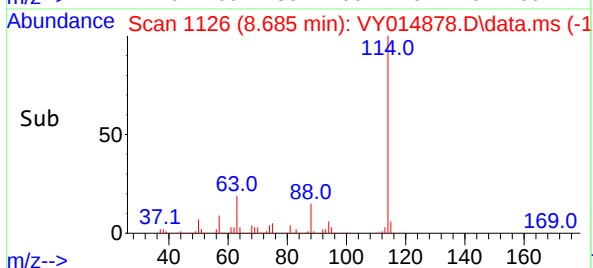
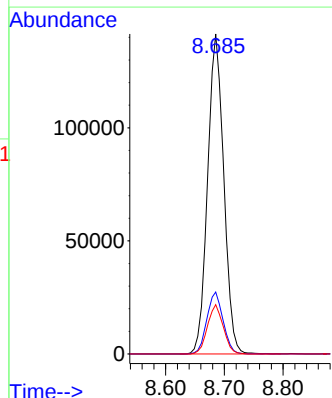
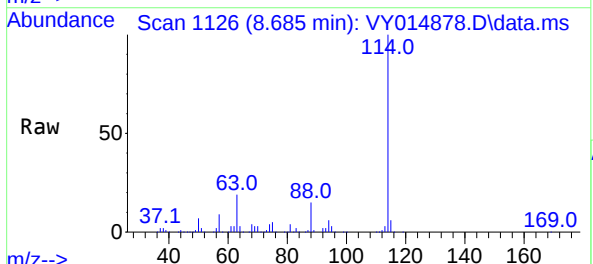
Tgt Ion: 114 Resp: 270447

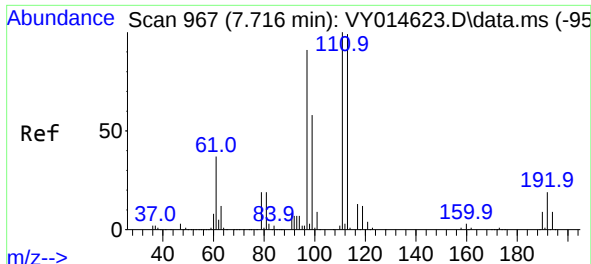
Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.4

88 15.4 0.0 30.6

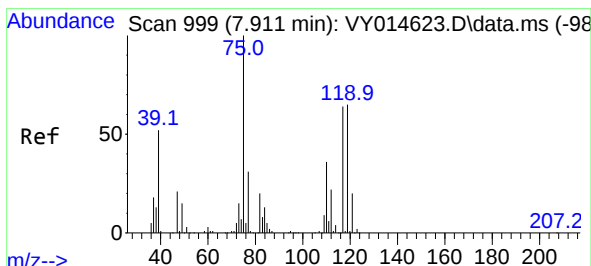
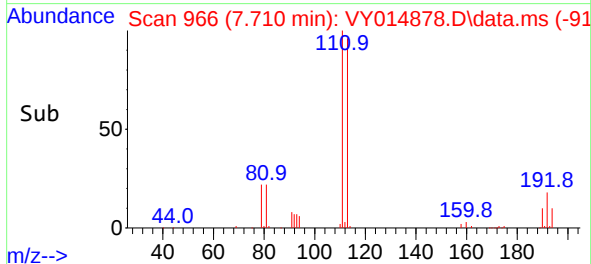
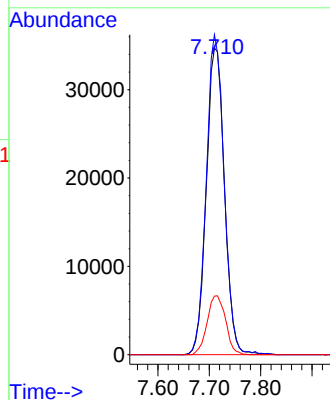
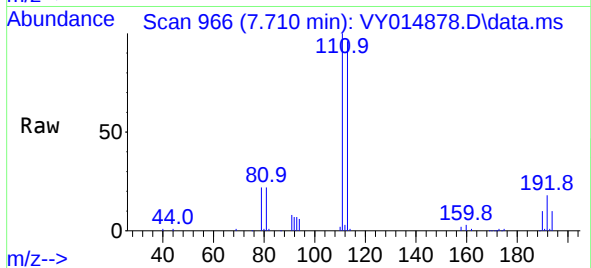




#35
Dibromofluoromethane
Concen: 49.459 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014878.D
Acq: 27 Jul 2023 13:32

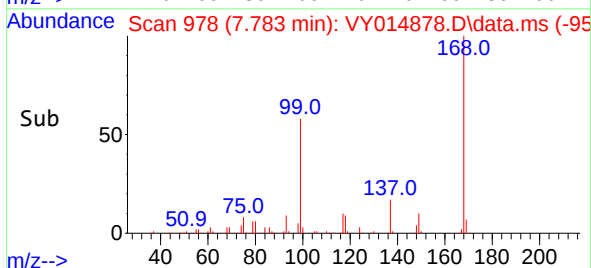
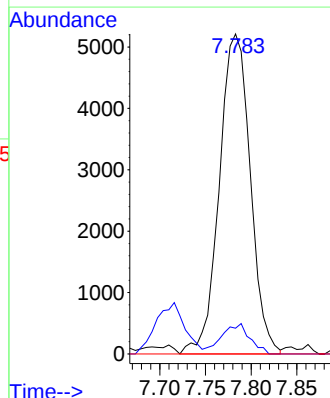
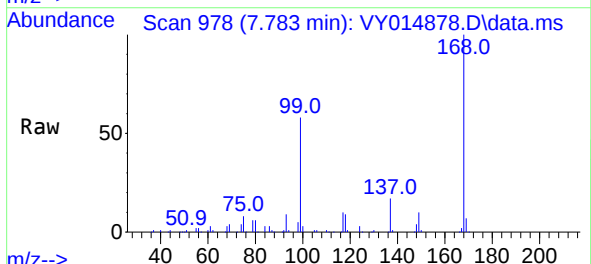
Instrument :
MSVOA_Y
ClientSampleId :

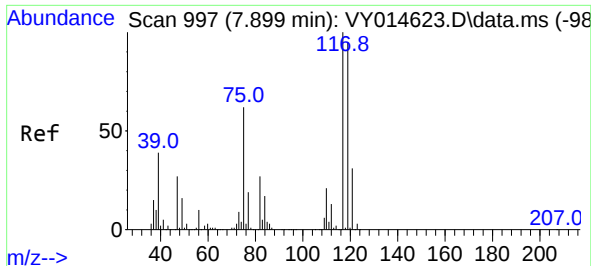
Tgt Ion:113 Resp: 85149
Ion Ratio Lower Upper
113 100
111 103.0 81.3 121.9
192 19.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.770 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY014878.D
Acq: 27 Jul 2023 13:32

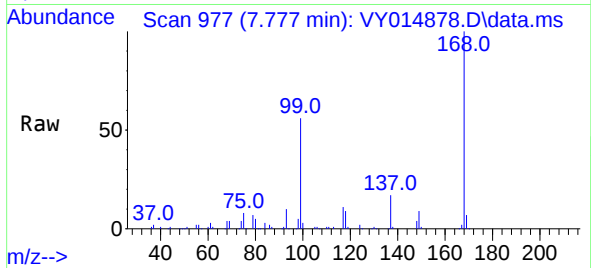
Tgt Ion: 75 Resp: 12280
Ion Ratio Lower Upper
75 100
110 8.7 17.8 53.5#
77 0.0 24.4 36.6#



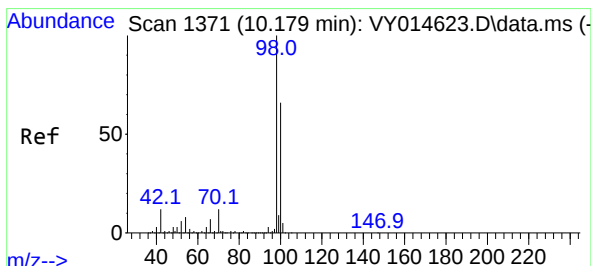
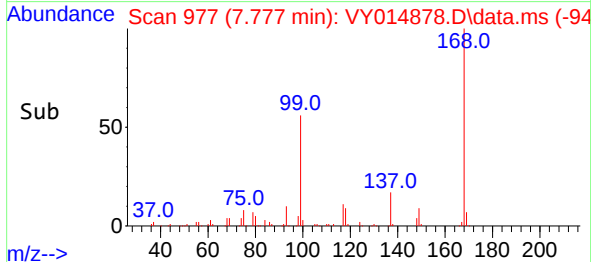
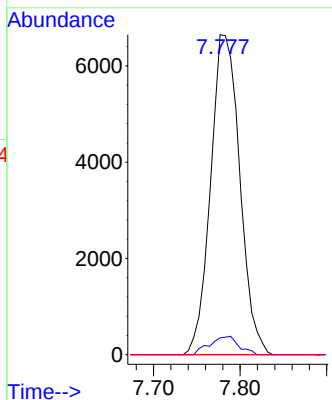


#38
Carbon Tetrachloride
Concen: 5.721 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY014878.D
Acq: 27 Jul 2023 13:32

Instrument :
MSVOA_Y
ClientSampleId :

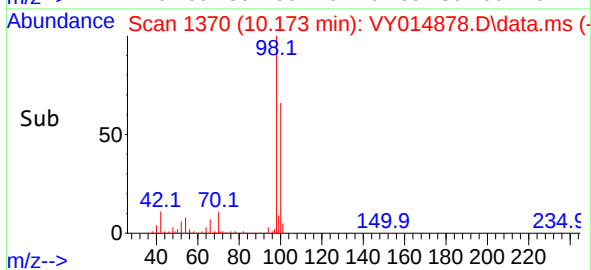
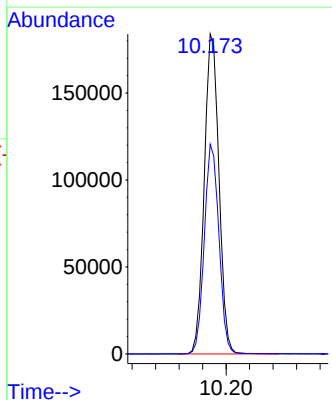
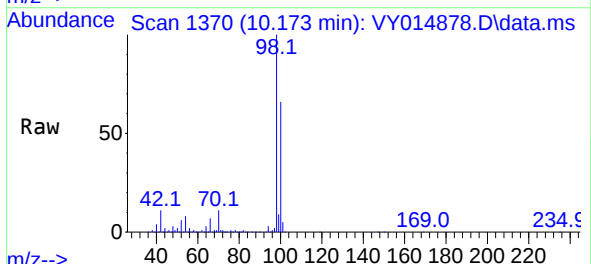


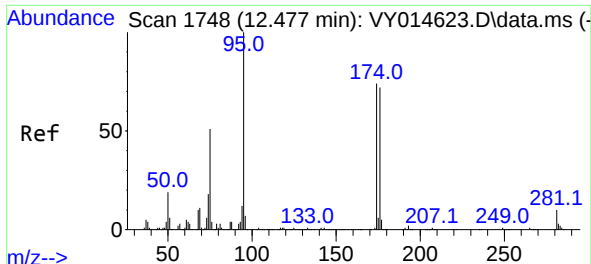
Tgt Ion:117 Resp: 15569
Ion Ratio Lower Upper
117 100
119 5.2 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 50.410 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY014878.D
Acq: 27 Jul 2023 13:32

Tgt Ion: 98 Resp: 319961
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1

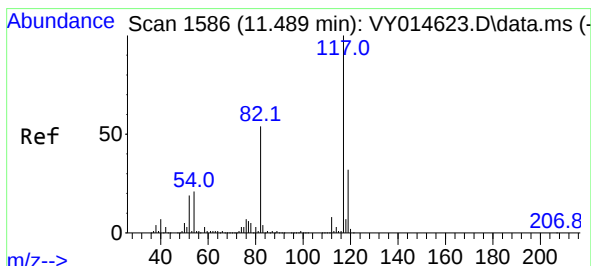
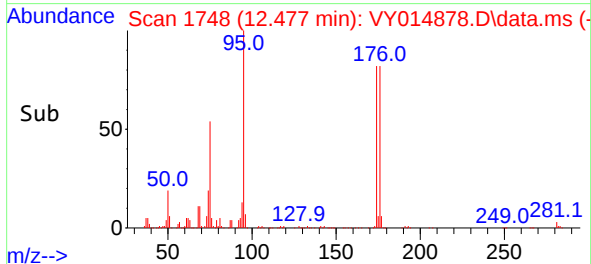
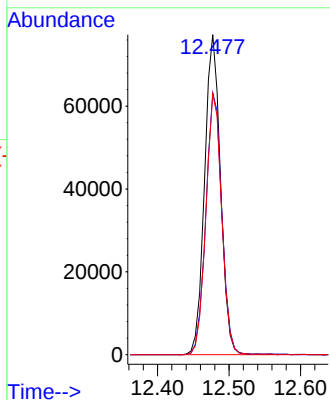
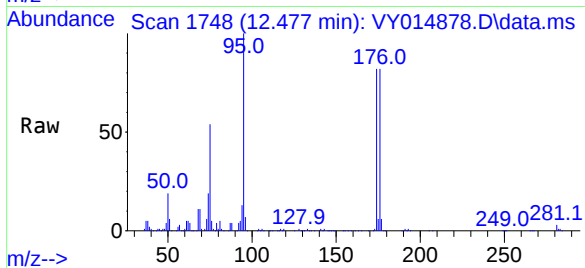




#62
4-Bromofluorobenzene
Concen: 48.941 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014878.D
Acq: 27 Jul 2023 13:32

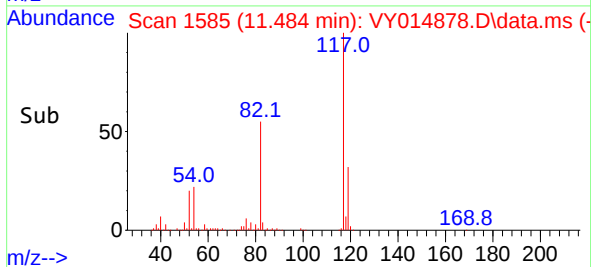
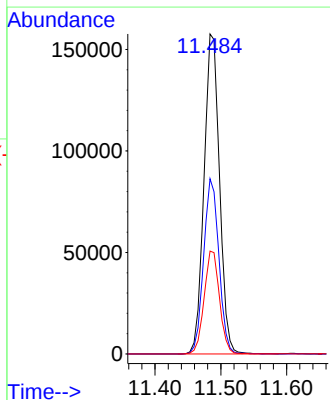
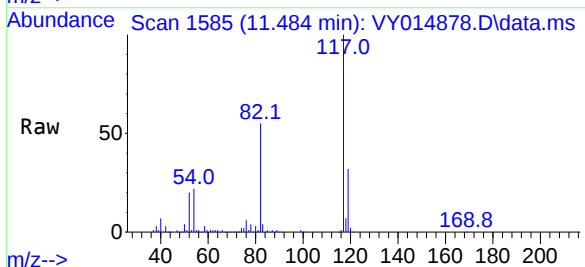
Instrument :
MSVOA_Y
ClientSampleId :

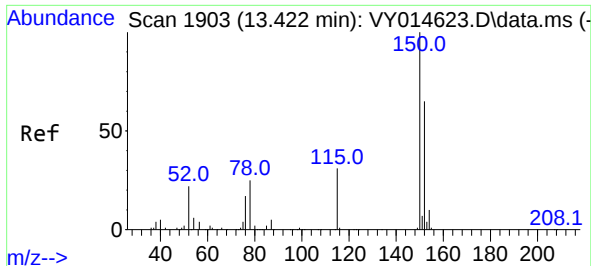
Tgt Ion: 95 Resp: 119109
Ion Ratio Lower Upper
95 100
174 82.1 0.0 178.2
176 80.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.484 min Scan# 1585
Delta R.T. -0.005 min
Lab File: VY014878.D
Acq: 27 Jul 2023 13:32

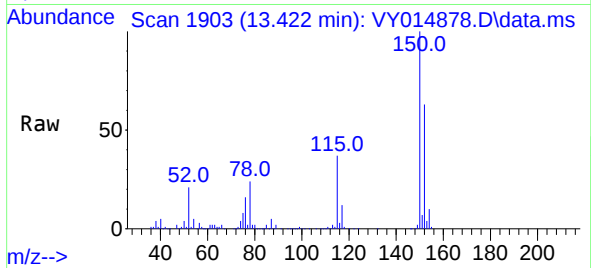
Tgt Ion: 117 Resp: 258770
Ion Ratio Lower Upper
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82 54.7 43.4 65.0
119 32.2 26.3 39.5



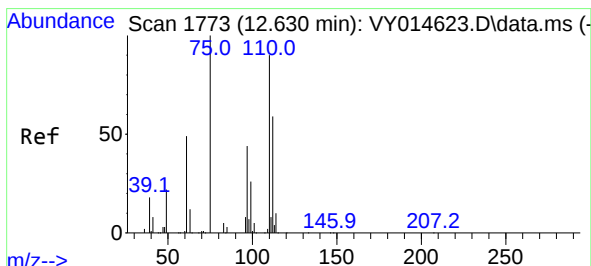
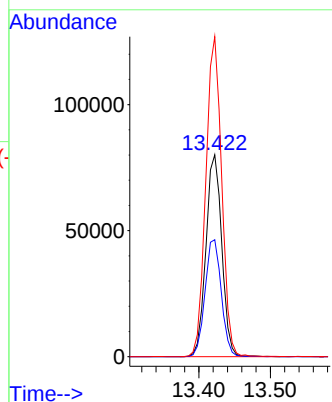
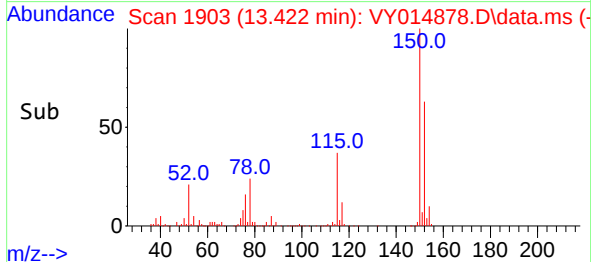


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY014878.D
Acq: 27 Jul 2023 13:32

Instrument :
MSVOA_Y
ClientSampleId :

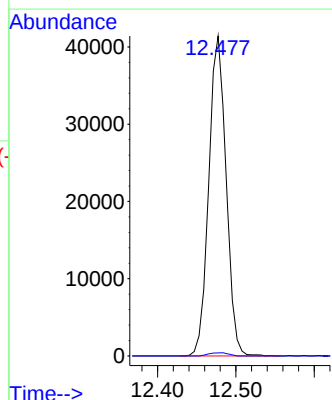
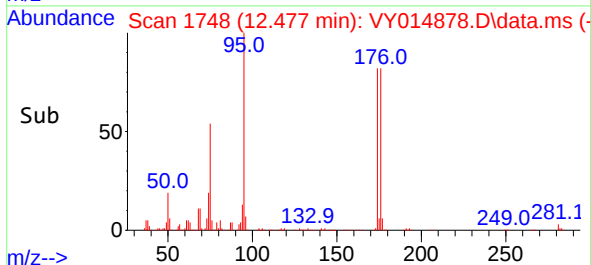
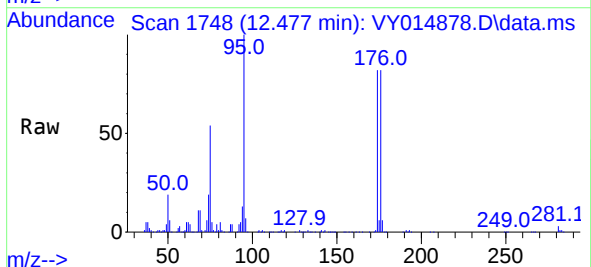


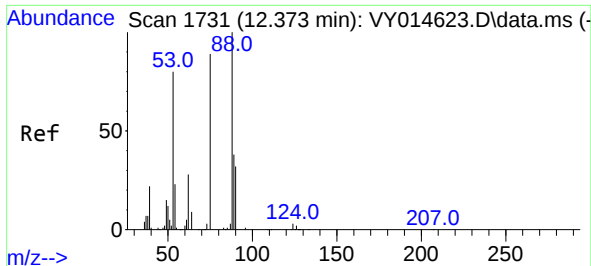
Tgt Ion:152 Resp: 123366
Ion Ratio Lower Upper
152 100
115 59.6 28.8 86.5
150 158.8 0.0 348.8



#76
1,2,3-Trichloropropane
Concen: 40.789 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY014878.D
Acq: 27 Jul 2023 13:32

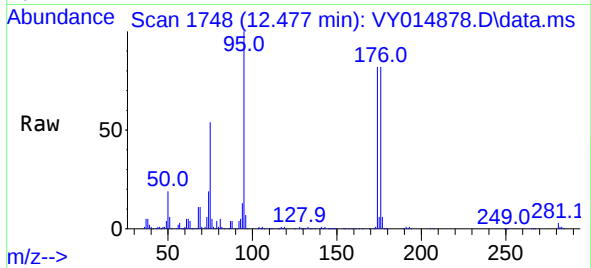
Tgt Ion: 75 Resp: 63553
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.975 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY014878.D
 Acq: 27 Jul 2023 13:32

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 63553
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#

