

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072723\
 Data File : VY014875.D
 Acq On : 27 Jul 2023 12:20
 Operator : SY/MD
 Sample : 03686-10
 Misc : 3.34g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 28 02:37:05 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)

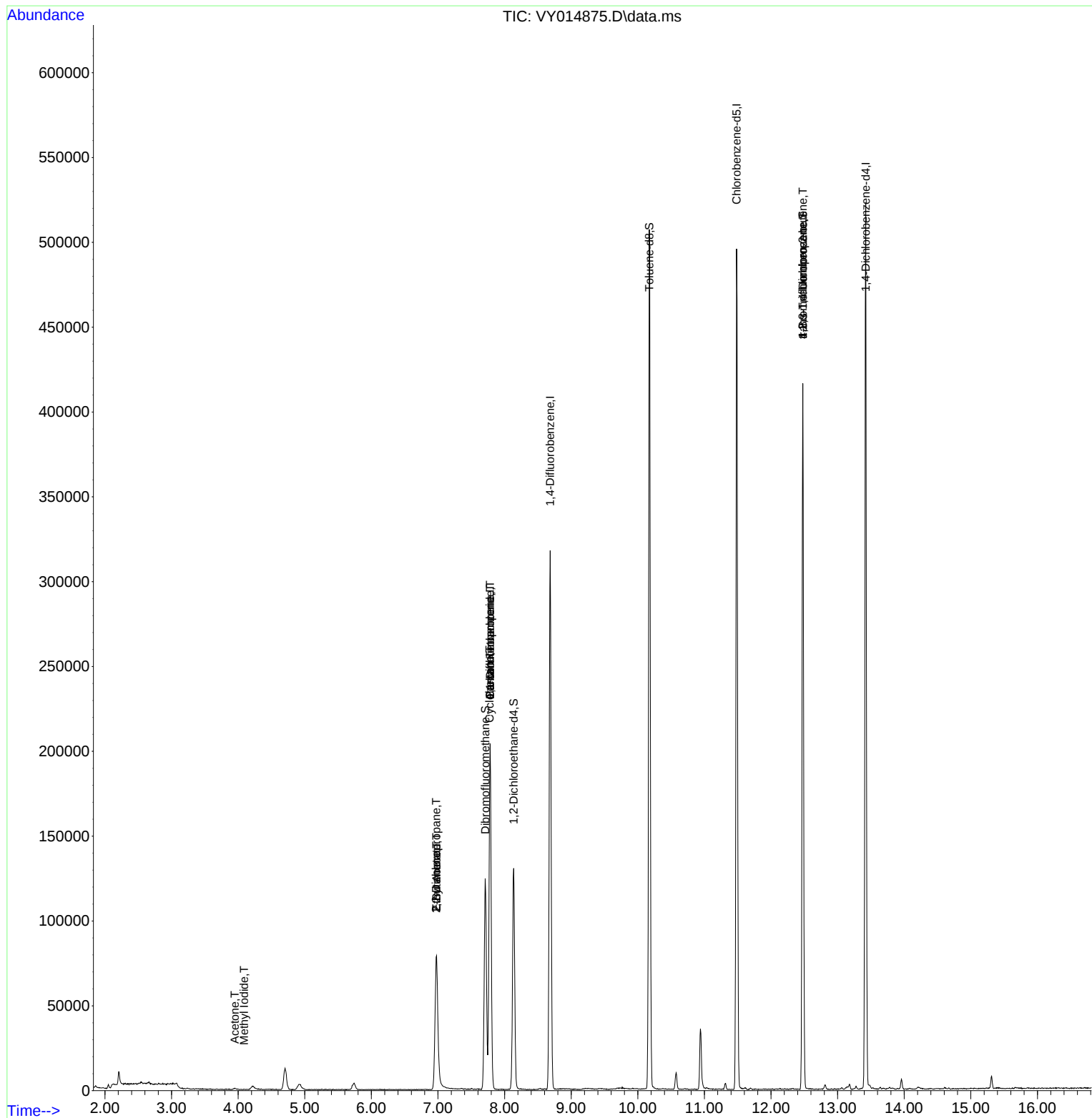
Internal Standards						
1) Pentafluorobenzene	7.783	168	155510	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	276480	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	264955	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	126862	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	100612	56.776	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.560%	
35) Dibromofluoromethane	7.710	113	86873	49.360	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.720%	
50) Toluene-d8	10.173	98	326165	50.266	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.540%	
62) 4-Bromofluorobenzene	12.477	95	121739	48.930	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.860%	
Target Compounds						Qvalue
10) Methyl Iodide	4.088	142	64	2.405	ug/l #	74
11) Tert butyl alcohol	4.905	59	1693	Below Cal	#	89
16) Acetone	3.948	43	1198	2.133	ug/l	90
25) 2-Butanone	6.978	43	4158	5.061	ug/l #	83
26) 2,2-Dichloropropane	6.972	77	5869	1.947	ug/l #	54
31) Cyclohexane	7.777	56	3230	1.098	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	12046	4.577	ug/l #	51
37) Ethyl Acetate	6.978	43	4158	2.295	ug/l #	1
38) Carbon Tetrachloride	7.783	117	15920	5.722	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	63919	39.894	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	63919	77.241	ug/l #	10

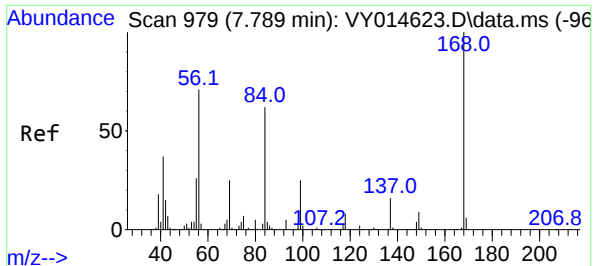
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072723\
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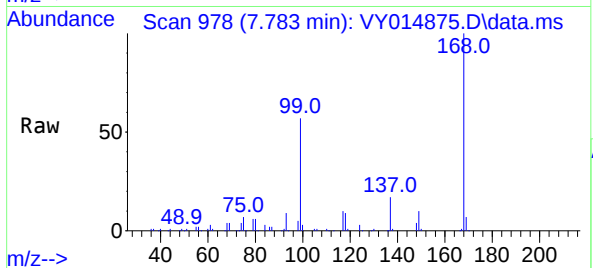
Quant Time: Jul 28 02:37:05 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 14 02:09:50 2023
Response via : Initial Calibration



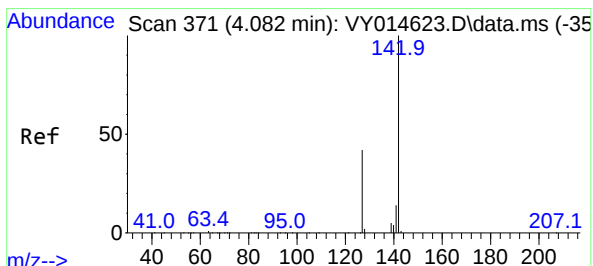
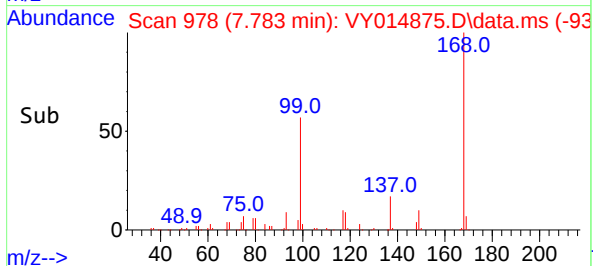
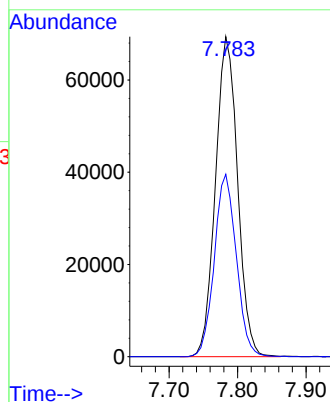


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014875.D
Acq: 27 Jul 2023 12:20

Instrument :
MSVOA_Y
ClientSampleId :

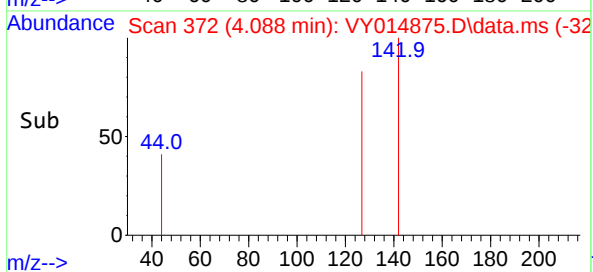
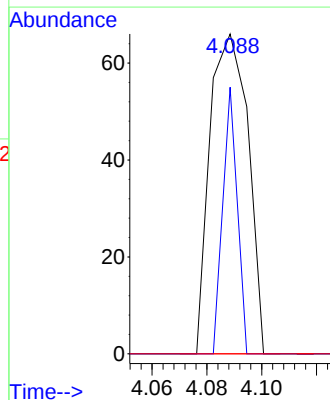
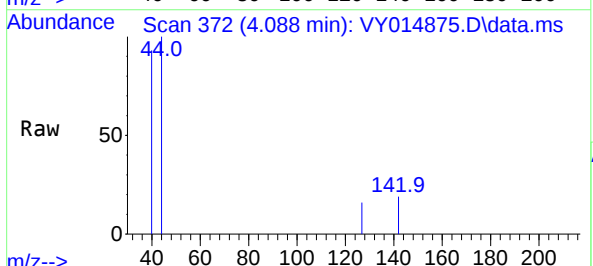


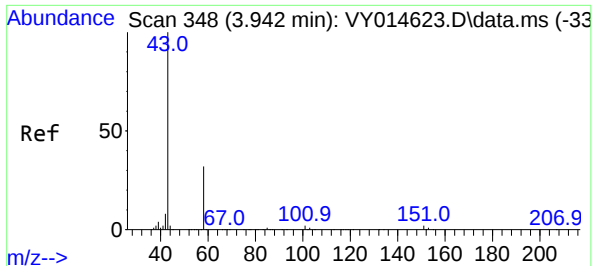
Tgt Ion:168 Resp: 155510
Ion Ratio Lower Upper
168 100
99 57.0 43.4 65.0



#10
Methyl Iodide
Concen: 2.405 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY014875.D
Acq: 27 Jul 2023 12:20

Tgt Ion:142 Resp: 64
Ion Ratio Lower Upper
142 100
127 31.3 37.6 56.4#
141 0.0 11.8 17.8#

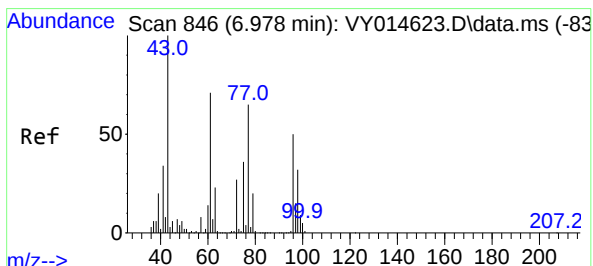
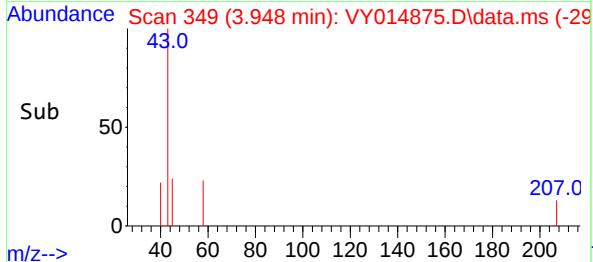
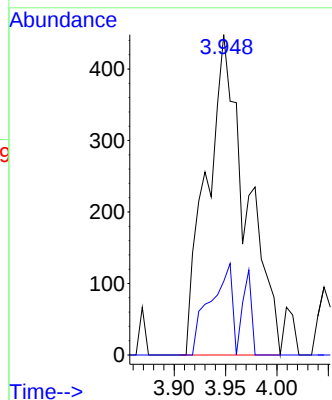
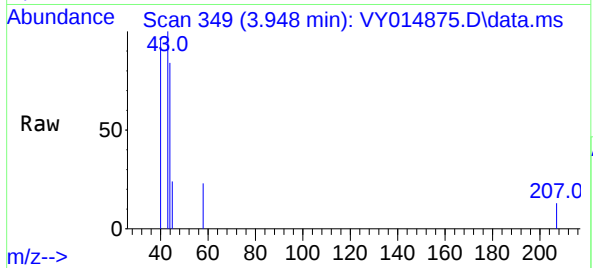




#16
Acetone
Concen: 2.133 ug/l
RT: 3.948 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY014875.D
Acq: 27 Jul 2023 12:20

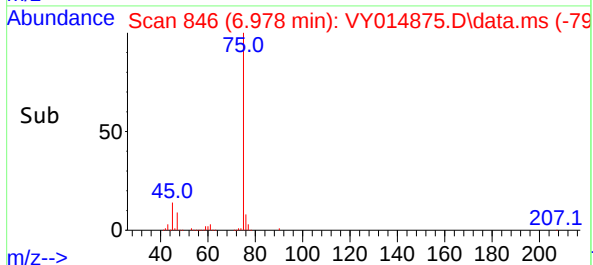
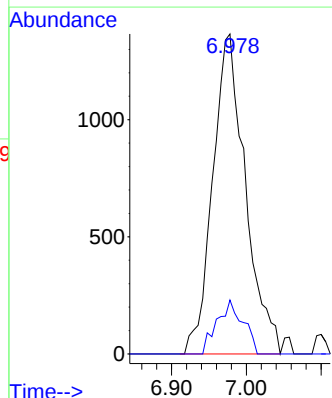
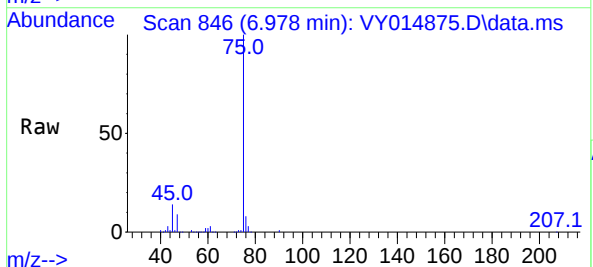
Instrument :
MSVOA_Y
ClientSampleId :

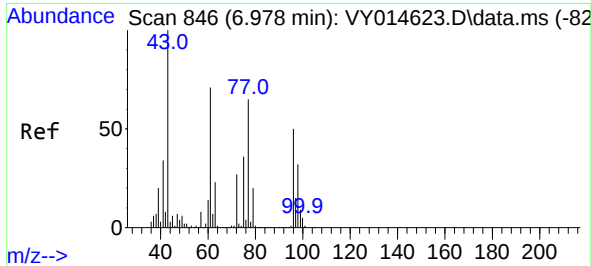
Tgt Ion: 43 Resp: 1198
Ion Ratio Lower Upper
43 100
58 23.0 22.7 34.1



#25
2-Butanone
Concen: 5.061 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY014875.D
Acq: 27 Jul 2023 12:20

Tgt Ion: 43 Resp: 4158
Ion Ratio Lower Upper
43 100
72 16.8 20.5 30.7#

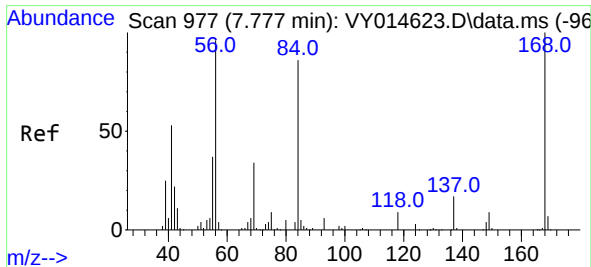
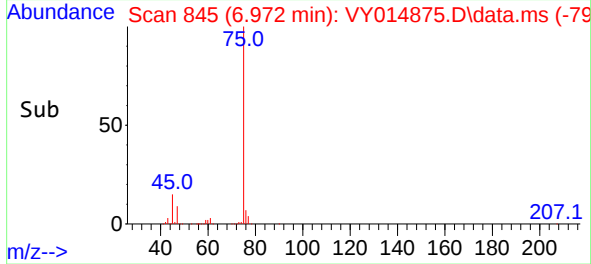
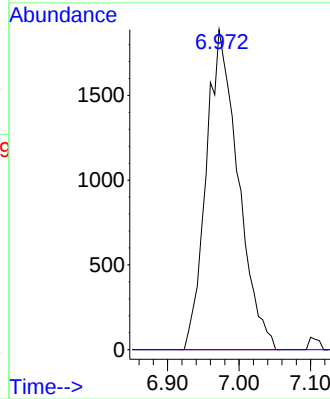
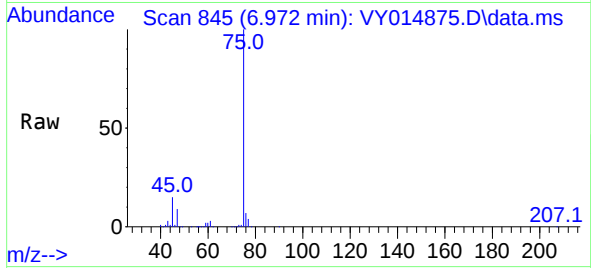




#26
2,2-Dichloropropane
Concen: 1.947 ug/l
RT: 6.972 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY014875.D
Acq: 27 Jul 2023 12:20

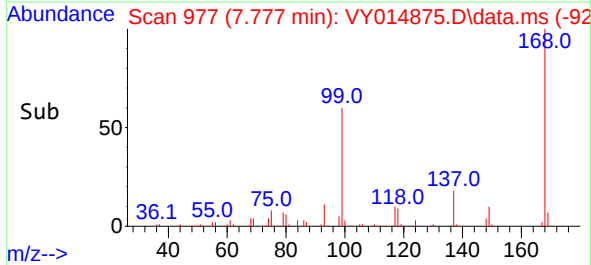
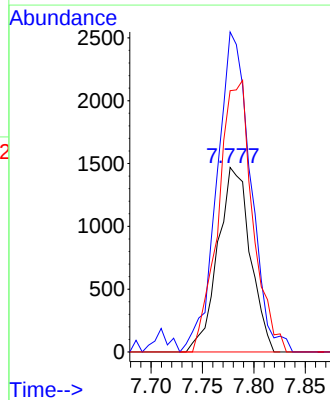
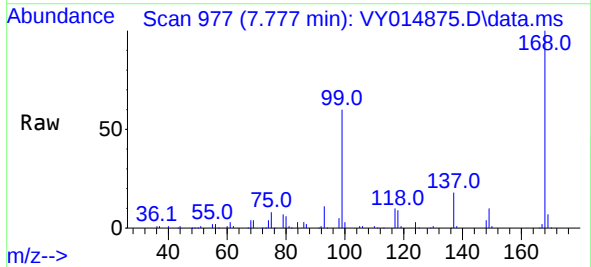
Instrument :
MSVOA_Y
ClientSampleId :

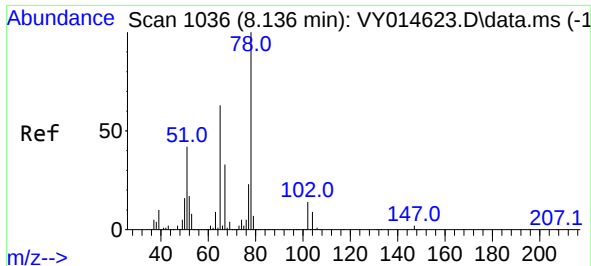
Tgt Ion: 77 Resp: 5869
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#



#31
Cyclohexane
Concen: 1.098 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.000 min
Lab File: VY014875.D
Acq: 27 Jul 2023 12:20

Tgt Ion: 56 Resp: 3230
Ion Ratio Lower Upper
56 100
69 173.4 27.8 41.6#
84 141.6 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 56.776 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY014875.D

Acq: 27 Jul 2023 12:20

Instrument :

MSVOA_Y

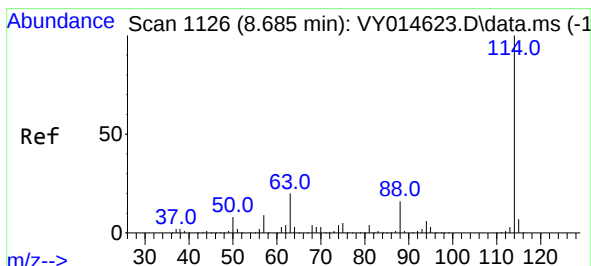
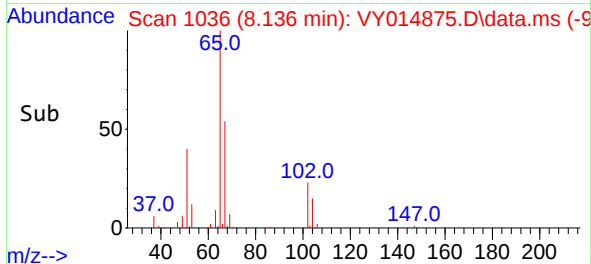
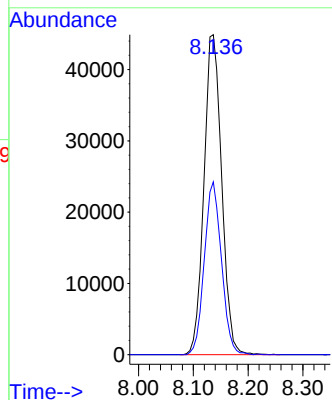
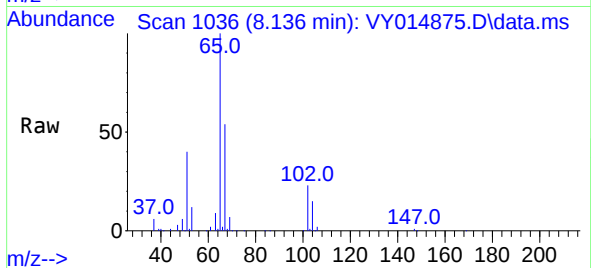
ClientSampleId :

Tgt Ion: 65 Resp: 100612

Ion Ratio Lower Upper

65 100

67 52.2 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: VY014875.D

Acq: 27 Jul 2023 12:20

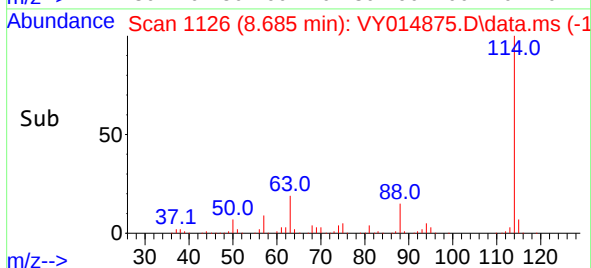
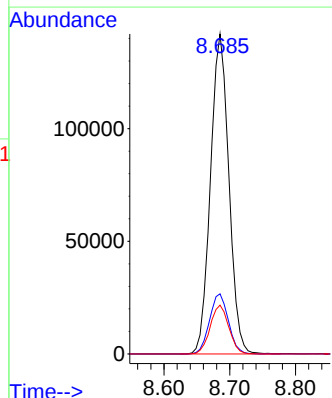
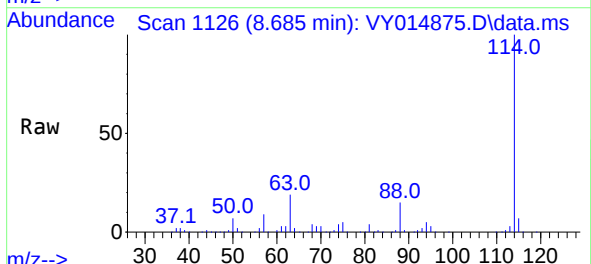
Tgt Ion: 114 Resp: 276480

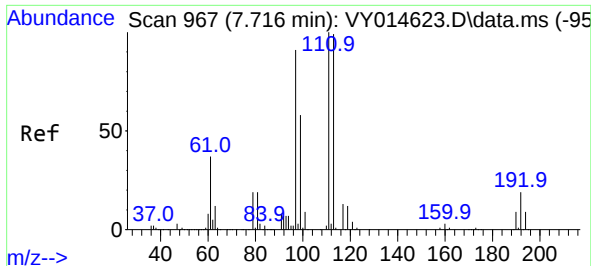
Ion Ratio Lower Upper

114 100

63 18.8 0.0 42.4

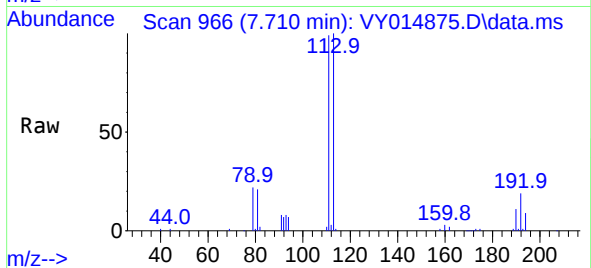
88 15.3 0.0 30.6



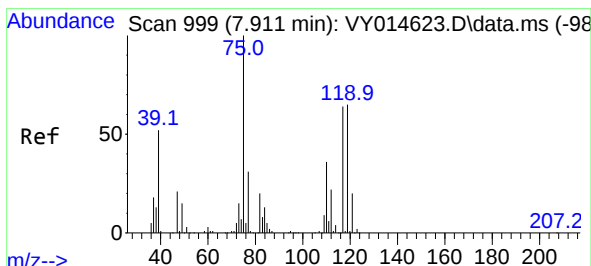
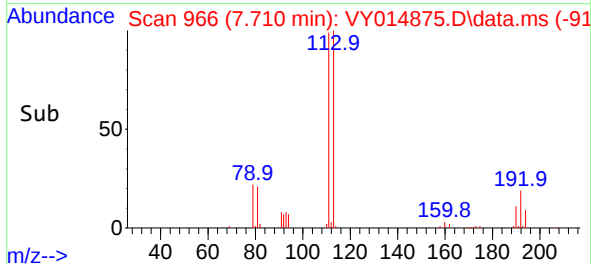
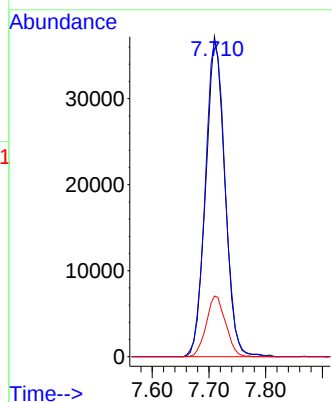


#35
Dibromofluoromethane
Concen: 49.360 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014875.D
Acq: 27 Jul 2023 12:20

Instrument :
MSVOA_Y
ClientSampleId :

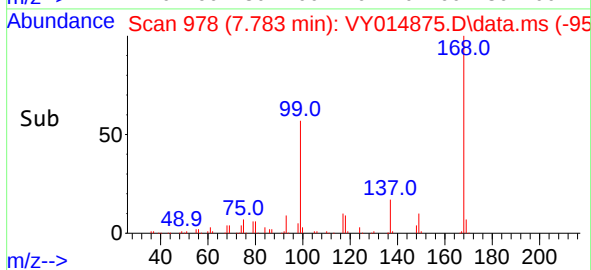
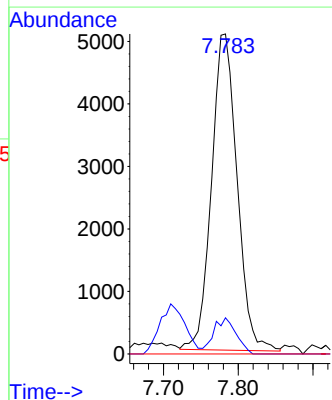
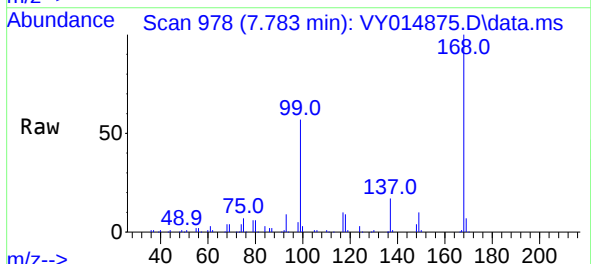


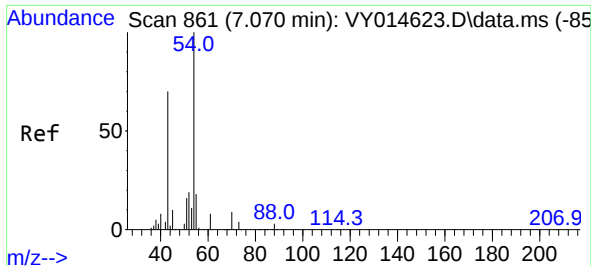
Tgt Ion:113 Resp: 86873
Ion Ratio Lower Upper
113 100
111 102.8 81.3 121.9
192 19.3 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.577 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY014875.D
Acq: 27 Jul 2023 12:20

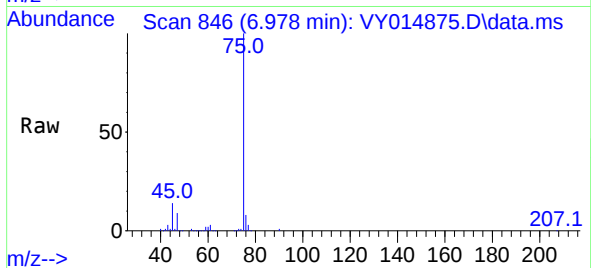
Tgt Ion: 75 Resp: 12046
Ion Ratio Lower Upper
75 100
110 9.9 17.8 53.5#
77 0.0 24.4 36.6#



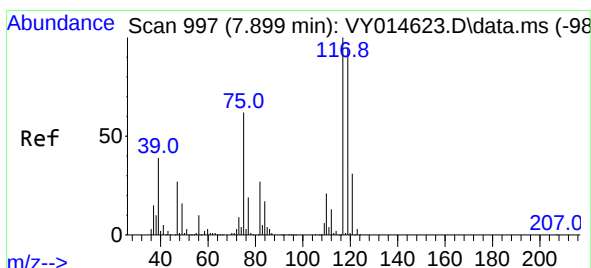
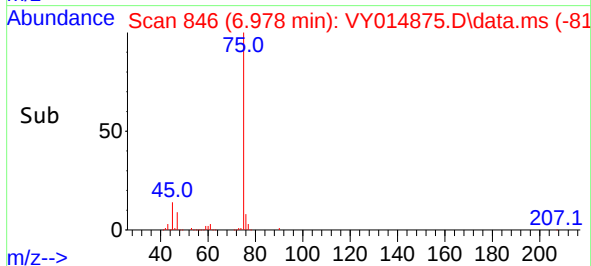
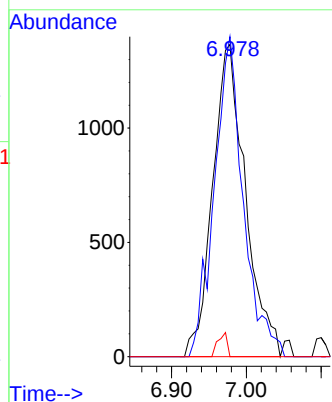


#37
Ethyl Acetate
Concen: 2.295 ug/l
RT: 6.978 min Scan# 84
Delta R.T. -0.092 min
Lab File: VY014875.D
Acq: 27 Jul 2023 12:20

Instrument :
MSVOA_Y
ClientSampleId :

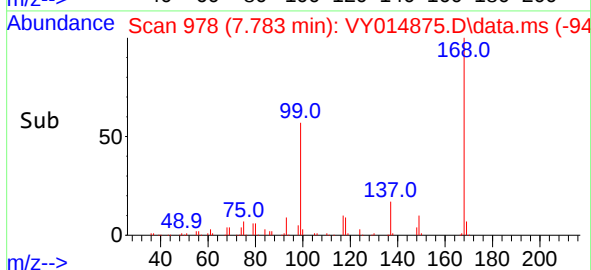
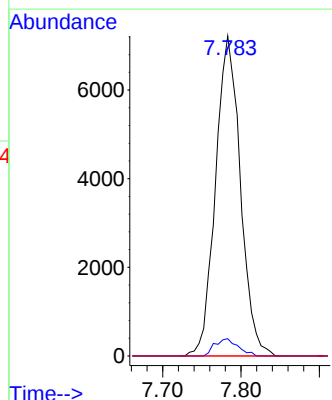
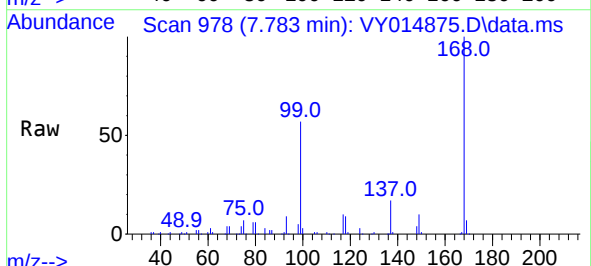


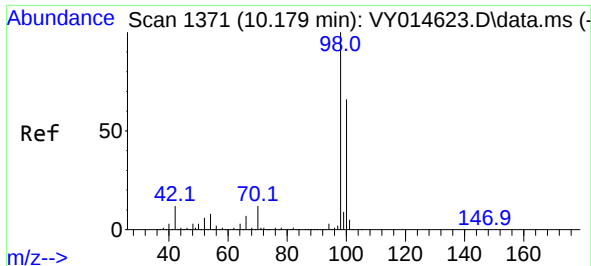
Tgt Ion: 43 Resp: 4158
Ion Ratio Lower Upper
43 100
61 91.0 10.1 15.1#
70 2.2 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 5.722 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY014875.D
Acq: 27 Jul 2023 12:20

Tgt Ion: 117 Resp: 15920
Ion Ratio Lower Upper
117 100
119 5.4 76.4 114.6#
121 0.0 25.8 38.6#

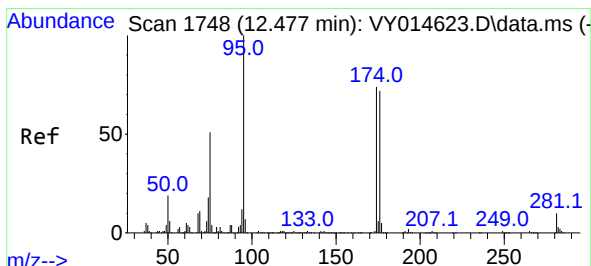
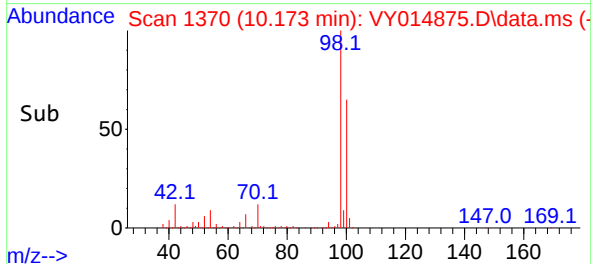
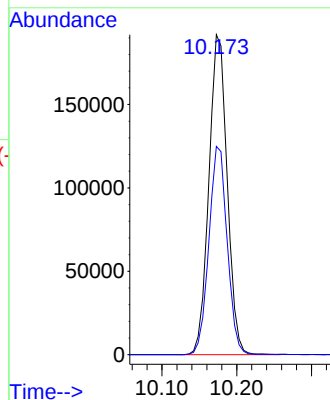
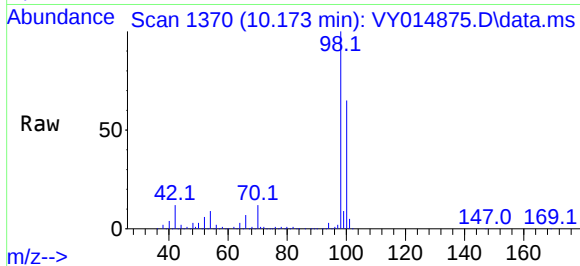




#50
Toluene-d8
Concen: 50.266 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014875.D
Acq: 27 Jul 2023 12:20

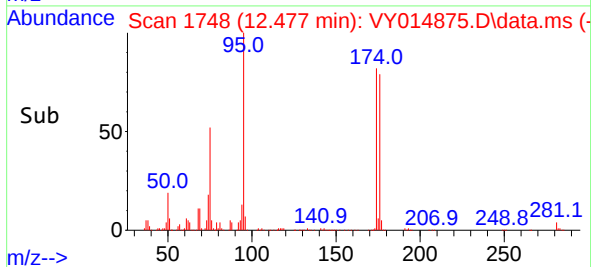
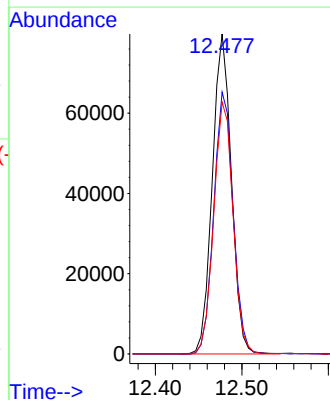
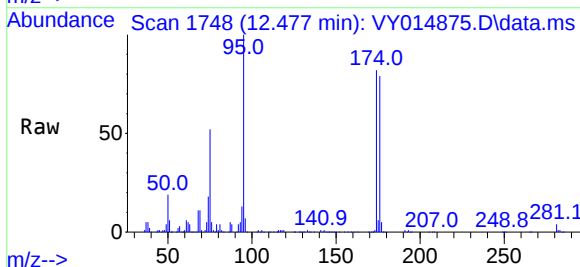
Instrument :
MSVOA_Y
ClientSampleId :

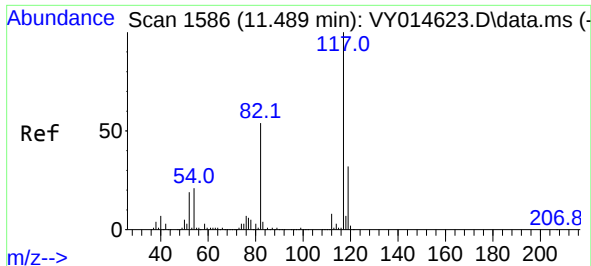
Tgt Ion: 98 Resp: 326165
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 48.930 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014875.D
Acq: 27 Jul 2023 12:20

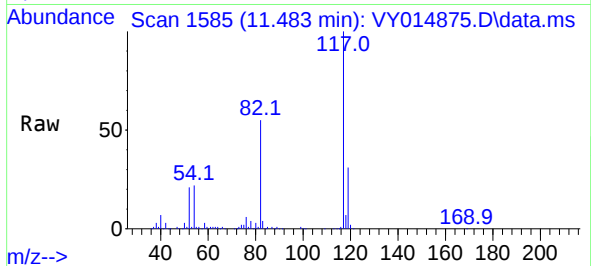
Tgt Ion: 95 Resp: 121739
Ion Ratio Lower Upper
95 100
174 83.2 0.0 178.2
176 80.2 0.0 173.8



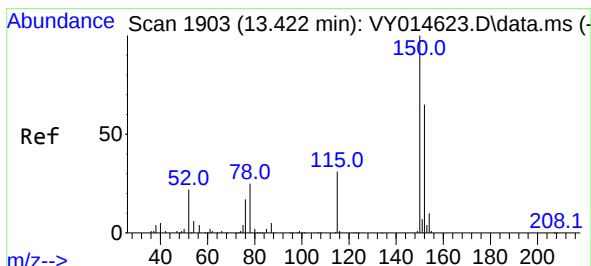
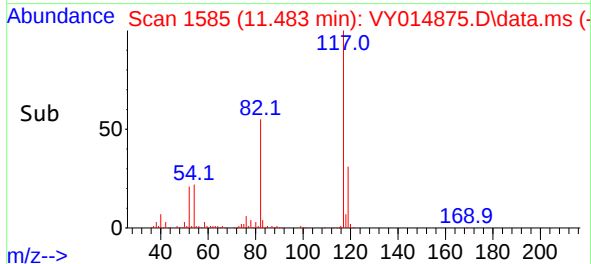
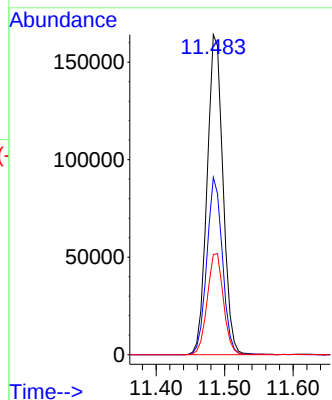


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014875.D
Acq: 27 Jul 2023 12:20

Instrument :
MSVOA_Y
ClientSampleId :

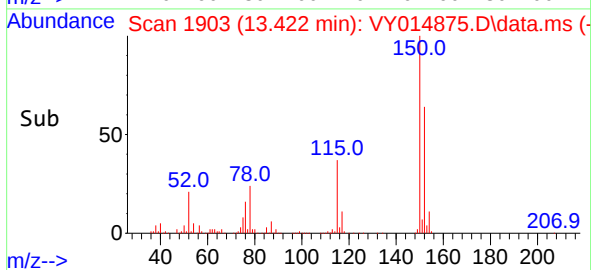
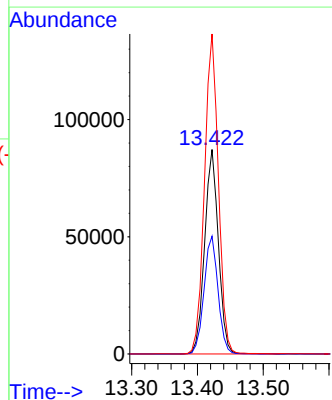
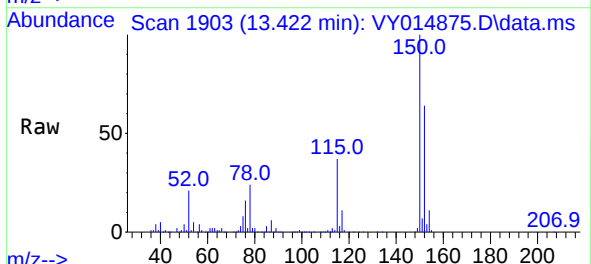


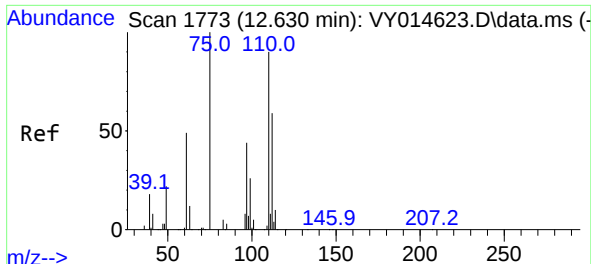
Tgt Ion:117 Resp: 264955
Ion Ratio Lower Upper
117 100
82 55.4 43.4 65.0
119 31.3 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY014875.D
Acq: 27 Jul 2023 12:20

Tgt Ion:152 Resp: 126862
Ion Ratio Lower Upper
152 100
115 58.7 28.8 86.5
150 158.0 0.0 348.8

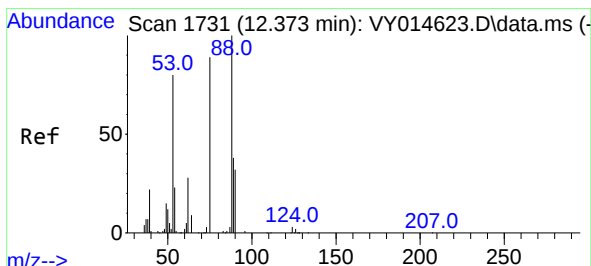
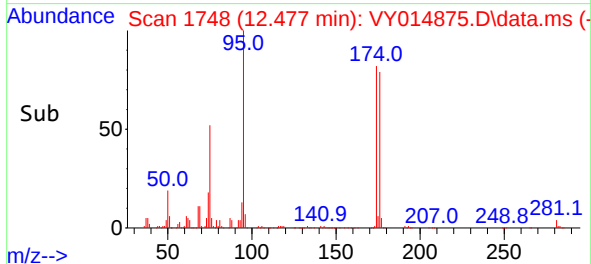
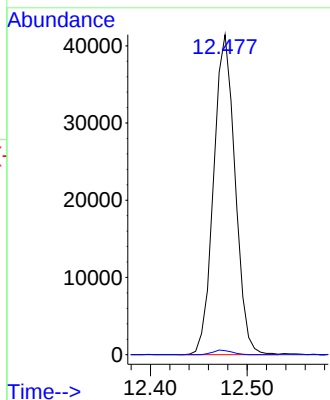
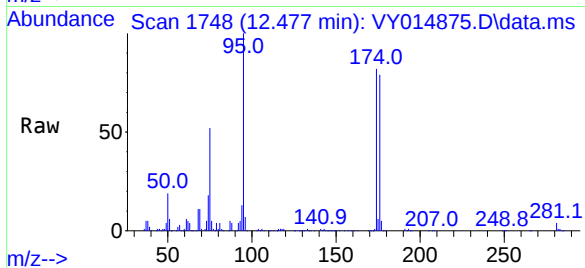




#76
1,2,3-Trichloropropane
Concen: 39.894 ug/l
RT: 12.477 min Scan# 1773
Delta R.T. -0.153 min
Lab File: VY014875.D
Acq: 27 Jul 2023 12:20

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 63919
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.241 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY014875.D
Acq: 27 Jul 2023 12:20

Tgt Ion: 75 Resp: 63919
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

