

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072723\
 Data File : VY014876.D
 Acq On : 27 Jul 2023 12:44
 Operator : SY/MD
 Sample : 03686-11
 Misc : 2.18g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 28 02:37:13 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)

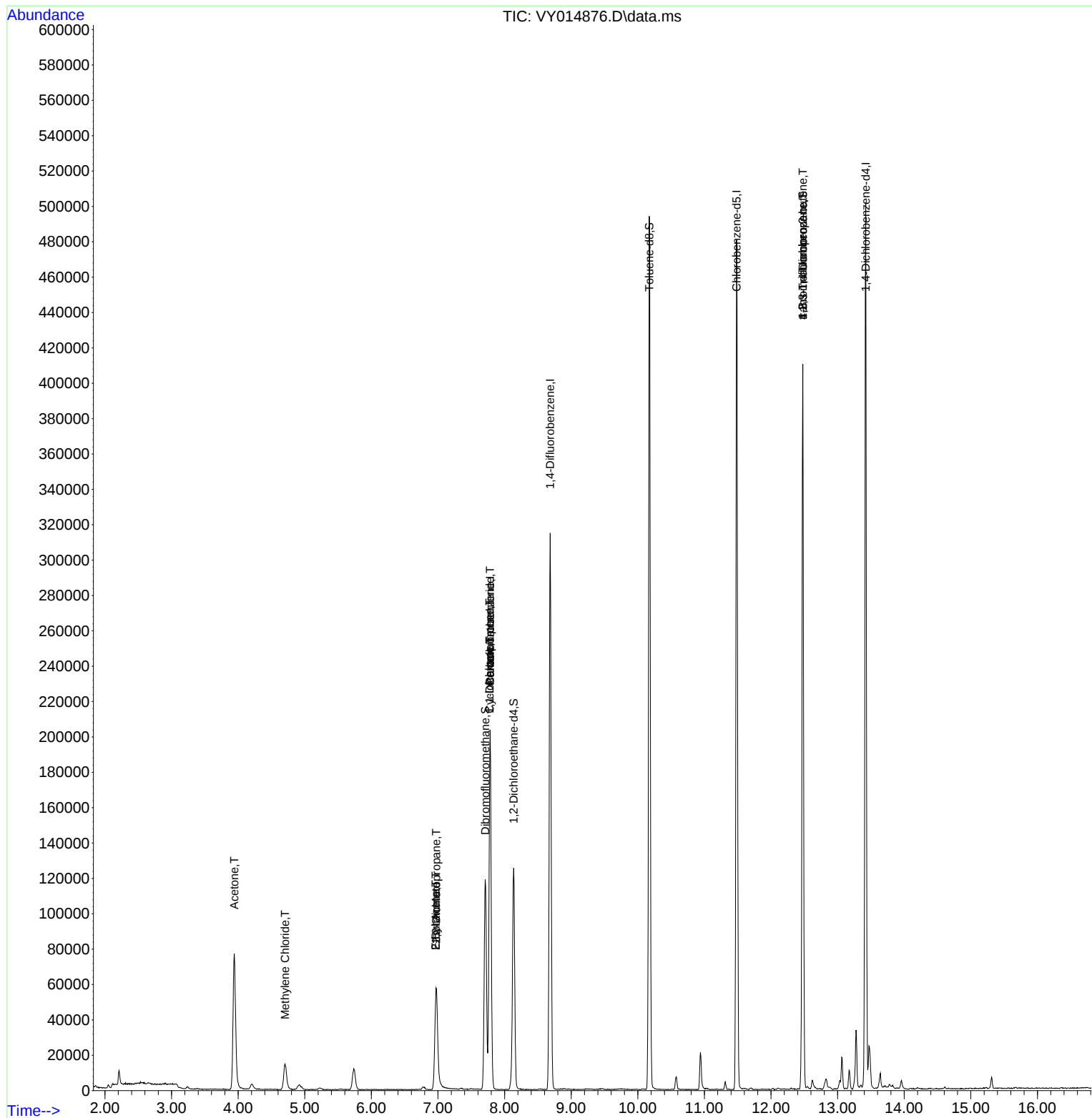
Internal Standards						
1) Pentafluorobenzene	7.783	168	156356	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	272292	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	259446	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	124011	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	97154	54.528	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.060%	
35) Dibromofluoromethane	7.710	113	85730	49.459	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.920%	
50) Toluene-d8	10.173	98	324243	50.738	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.480%	
62) 4-Bromofluorobenzene	12.477	95	119168	48.633	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.260%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	3496	Below Cal	#	89
16) Acetone	3.942	43	134742	238.646	ug/l	93
20) Methylene Chloride	4.704	84	10890	1.873	ug/l #	84
25) 2-Butanone	6.966	43	3330	4.031	ug/l #	69
26) 2,2-Dichloropropane	6.972	77	4443	1.466	ug/l #	54
31) Cyclohexane	7.777	56	3423	1.157	ug/l #	1
36) 1,1-Dichloropropene	7.777	75	11841	4.568	ug/l #	50
37) Ethyl Acetate	6.966	43	3330	1.866	ug/l #	1
38) Carbon Tetrachloride	7.783	117	15930	5.814	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	64044	40.891	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	64044	79.172	ug/l #	10

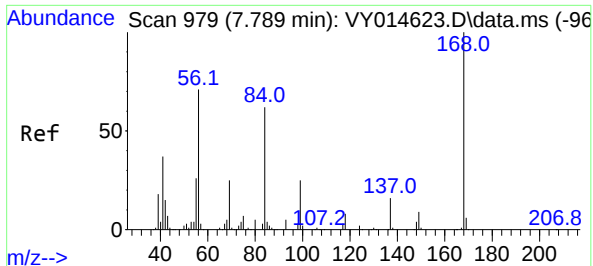
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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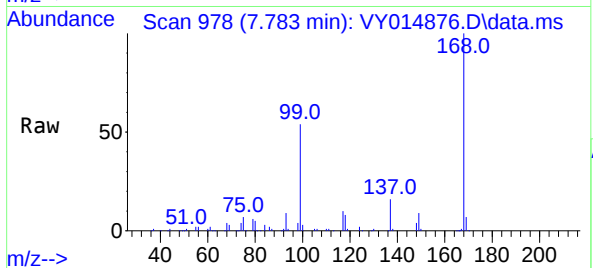
Quant Time: Jul 28 02:37:13 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 14 02:09:50 2023
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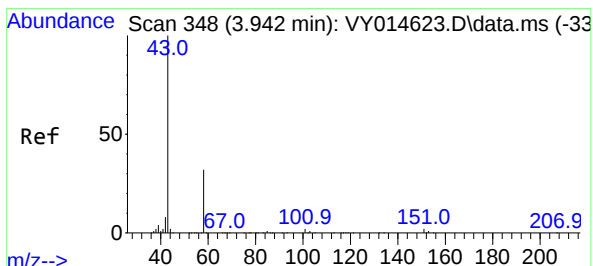
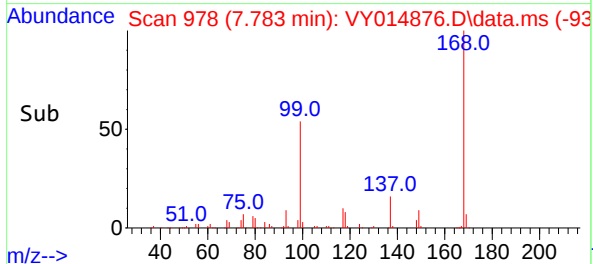
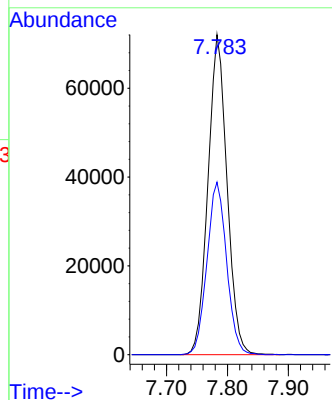


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014876.D
Acq: 27 Jul 2023 12:44

Instrument :
MSVOA_Y
ClientSampleId :

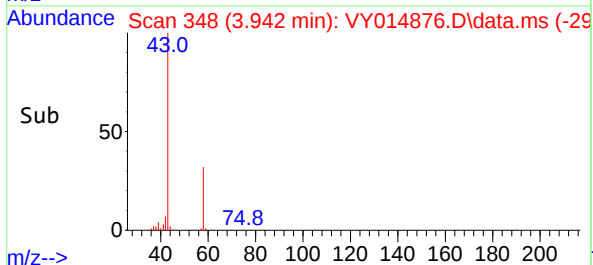
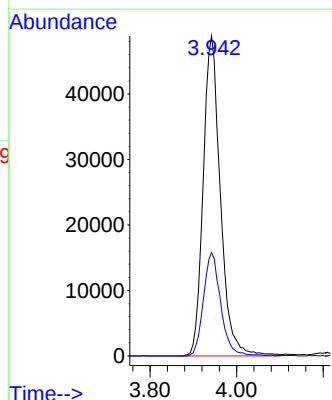
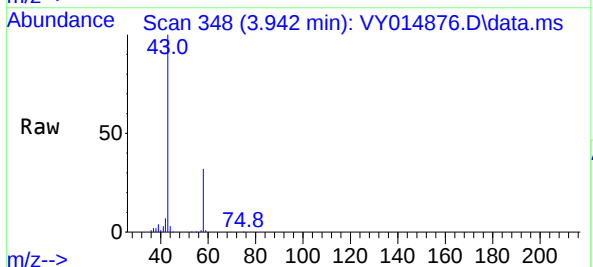


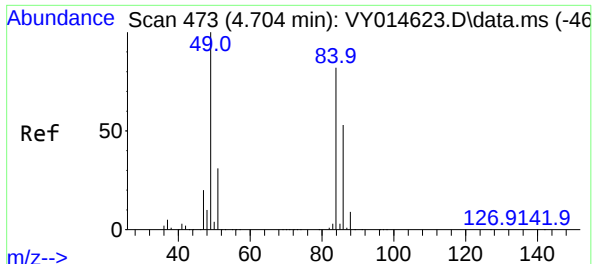
Tgt Ion:168 Resp: 156356
Ion Ratio Lower Upper
168 100
99 53.9 43.4 65.0



#16
Acetone
Concen: 238.646 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY014876.D
Acq: 27 Jul 2023 12:44

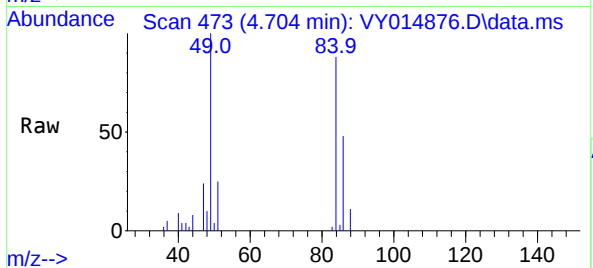
Tgt Ion: 43 Resp: 134742
Ion Ratio Lower Upper
43 100
58 32.3 22.7 34.1





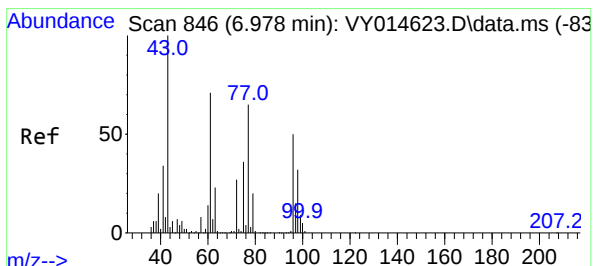
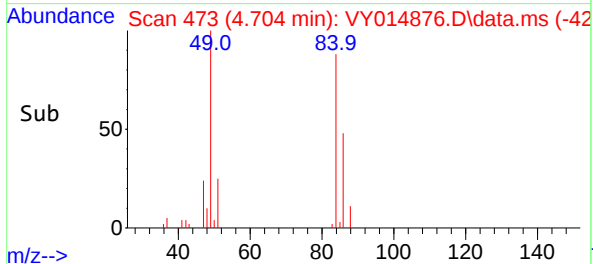
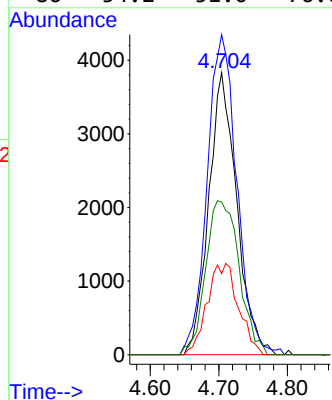
#20
Methylene Chloride
Concen: 1.873 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY014876.D
Acq: 27 Jul 2023 12:44

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 10890

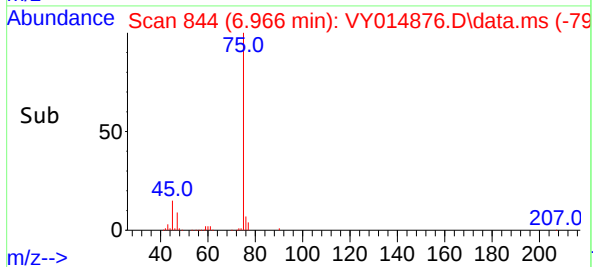
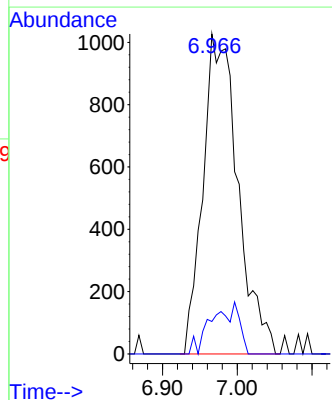
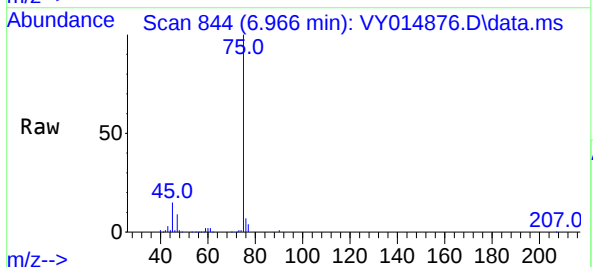
Ion	Ratio	Lower	Upper
84	100		
49	113.5	106.9	160.3
51	28.7	33.2	49.8#
86	54.2	51.0	76.6

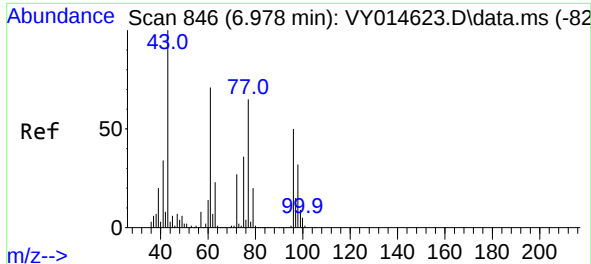


#25
2-Butanone
Concen: 4.031 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.012 min
Lab File: VY014876.D
Acq: 27 Jul 2023 12:44

Tgt Ion: 43 Resp: 3330

Ion	Ratio	Lower	Upper
43	100		
72	10.1	20.5	30.7#

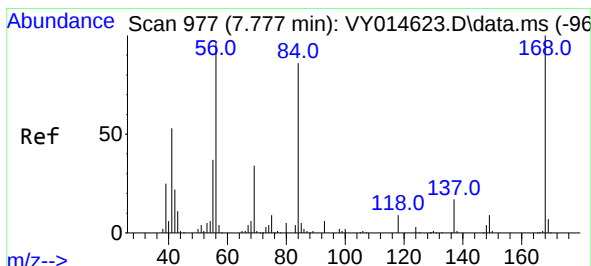
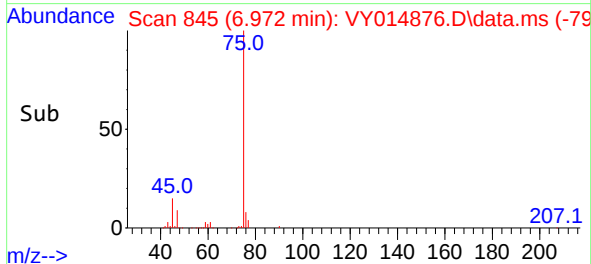
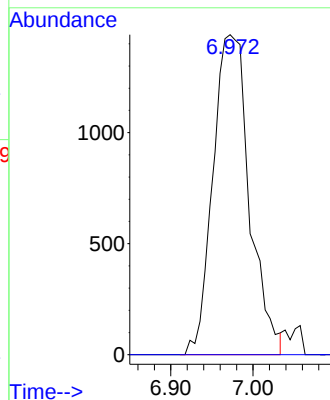
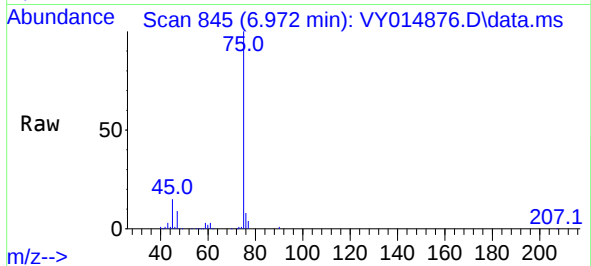




#26
2,2-Dichloropropane
Concen: 1.466 ug/l
RT: 6.972 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY014876.D
Acq: 27 Jul 2023 12:44

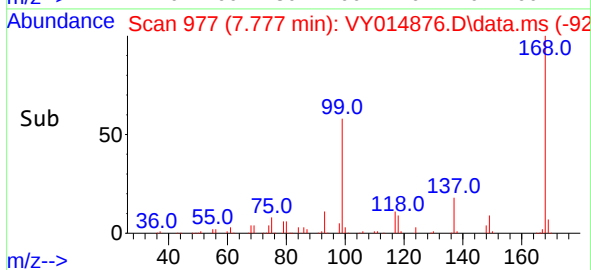
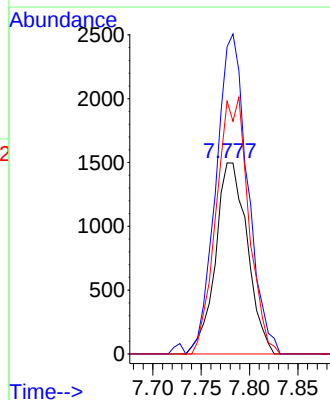
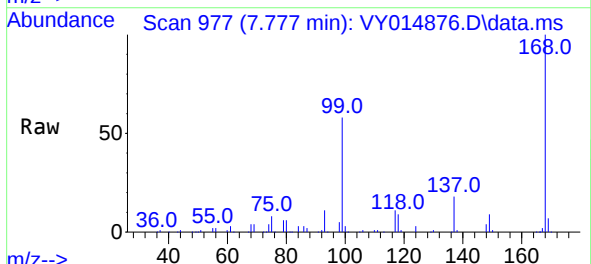
Instrument :
MSVOA_Y
ClientSampleId :

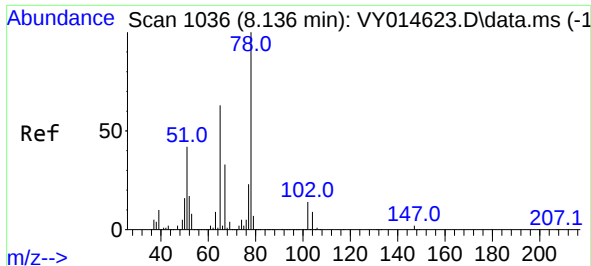
Tgt Ion: 77 Resp: 4443
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#



#31
Cyclohexane
Concen: 1.157 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.000 min
Lab File: VY014876.D
Acq: 27 Jul 2023 12:44

Tgt Ion: 56 Resp: 3423
Ion Ratio Lower Upper
56 100
69 160.8 27.8 41.6#
84 132.2 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 54.528 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY014876.D

Acq: 27 Jul 2023 12:44

Instrument :

MSVOA_Y

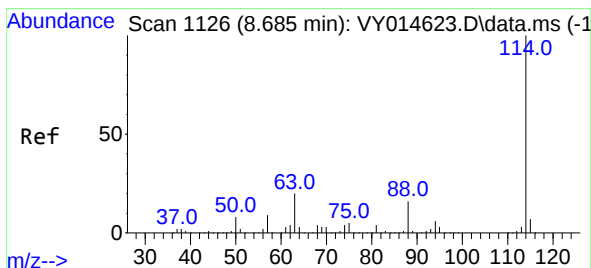
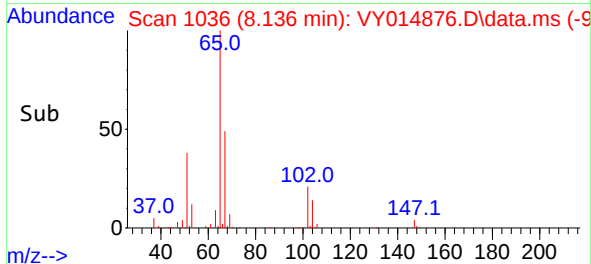
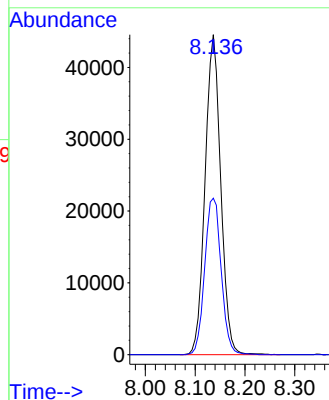
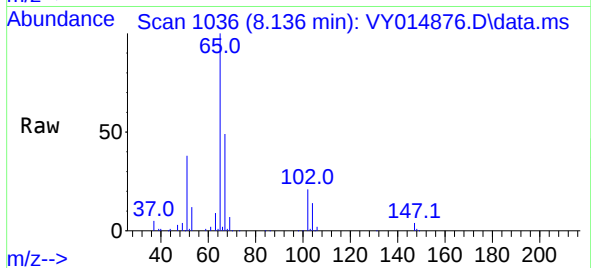
ClientSampleId :

Tgt Ion: 65 Resp: 97154

Ion Ratio Lower Upper

65 100

67 51.5 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: VY014876.D

Acq: 27 Jul 2023 12:44

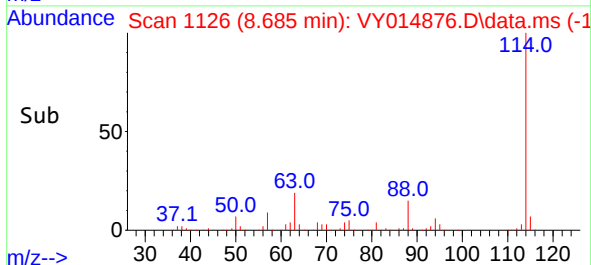
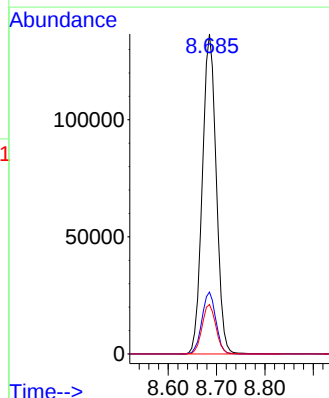
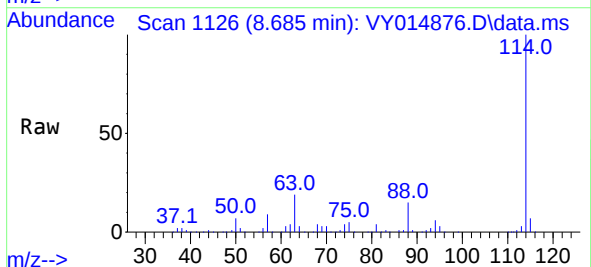
Tgt Ion: 114 Resp: 272292

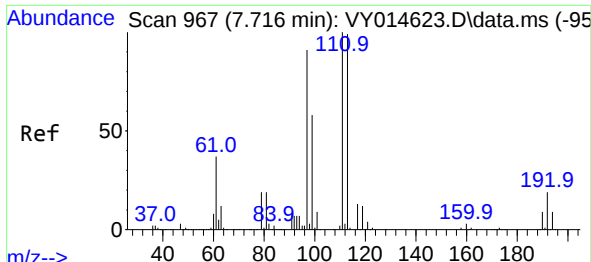
Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.4

88 15.5 0.0 30.6

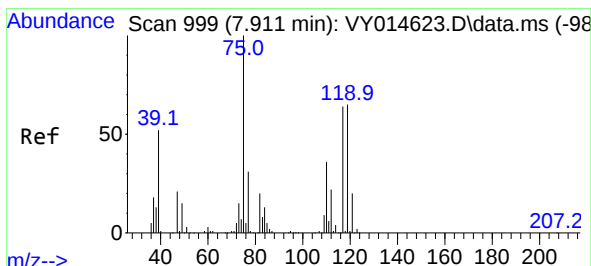
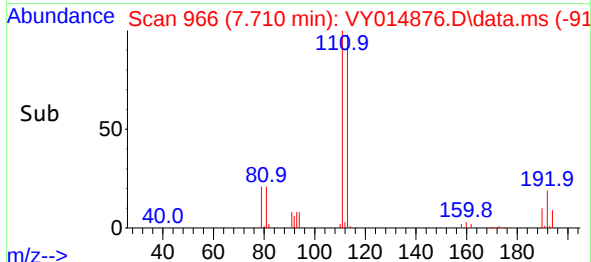
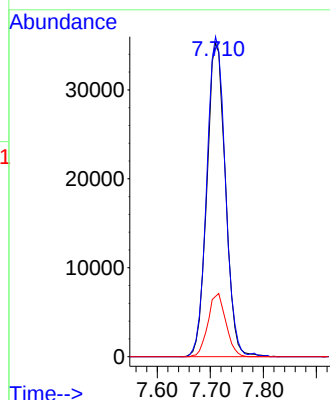
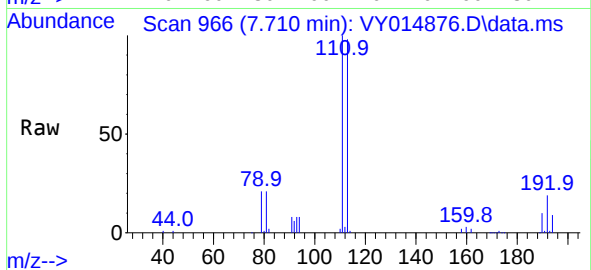




#35
Dibromofluoromethane
Concen: 49.459 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY014876.D
Acq: 27 Jul 2023 12:44

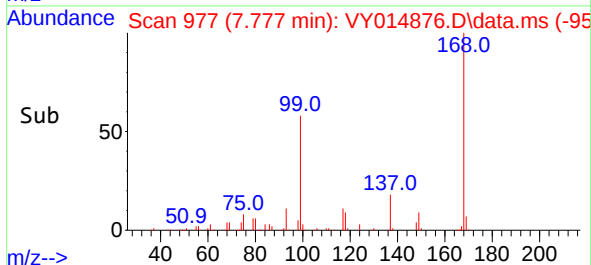
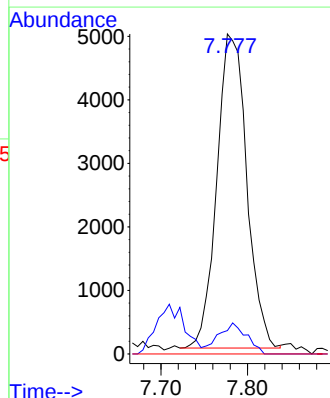
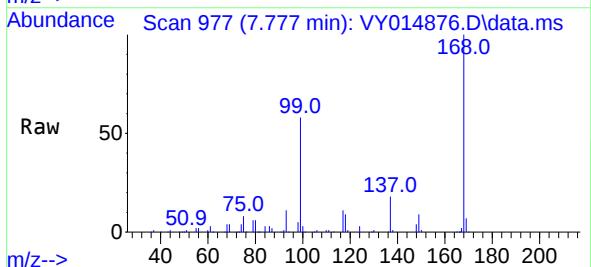
Instrument :
MSVOA_Y
ClientSampleId :

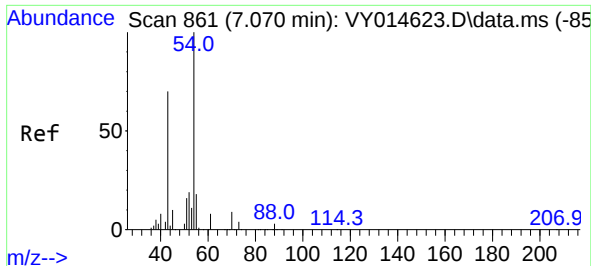
Tgt Ion:113 Resp: 85730
Ion Ratio Lower Upper
113 100
111 102.1 81.3 121.9
192 19.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.568 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.134 min
Lab File: VY014876.D
Acq: 27 Jul 2023 12:44

Tgt Ion: 75 Resp: 11841
Ion Ratio Lower Upper
75 100
110 9.4 17.8 53.5#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 1.866 ug/l

RT: 6.966 min Scan# 844

Delta R.T. -0.104 min

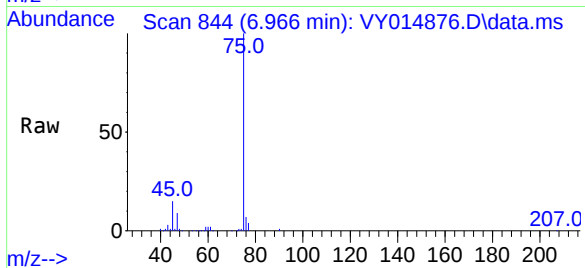
Lab File: VY014876.D

Acq: 27 Jul 2023 12:44

Instrument :

MSVOA_Y

ClientSampleId :



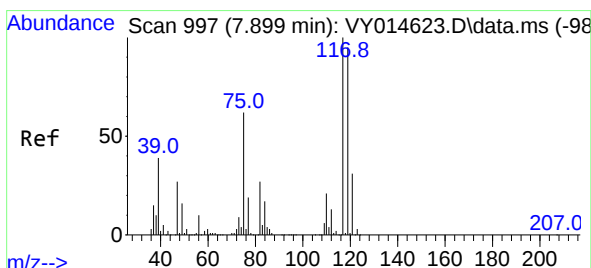
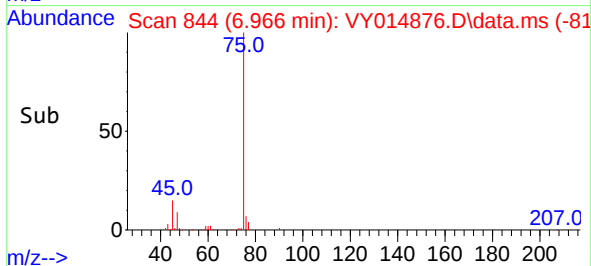
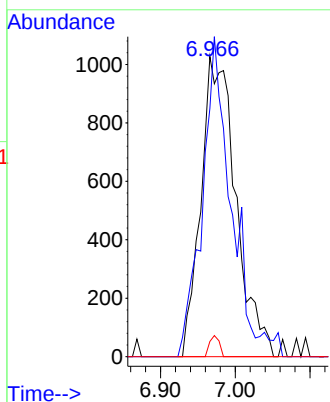
Tgt Ion: 43 Resp: 3330

Ion Ratio Lower Upper

43 100

61 88.9 10.1 15.1#

70 2.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 5.814 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY014876.D

Acq: 27 Jul 2023 12:44

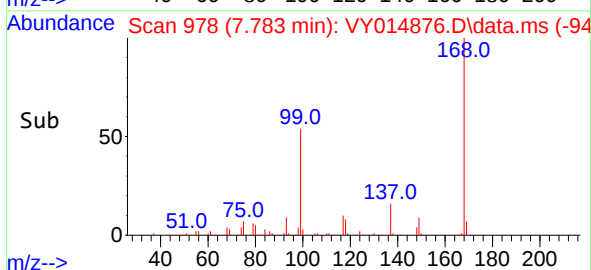
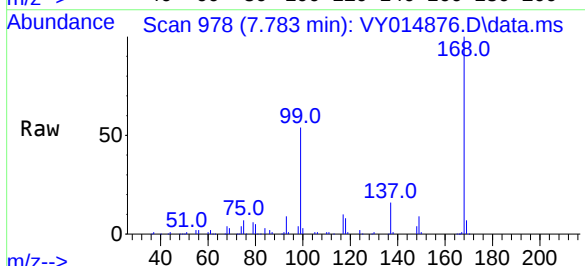
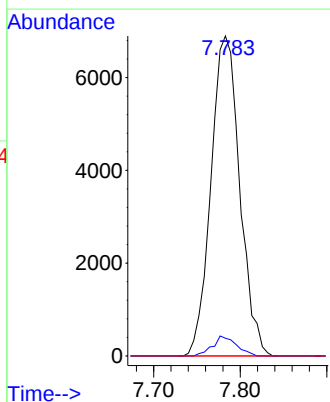
Tgt Ion: 117 Resp: 15930

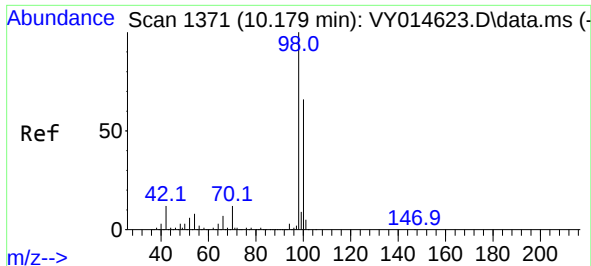
Ion Ratio Lower Upper

117 100

119 5.6 76.4 114.6#

121 0.0 25.8 38.6#

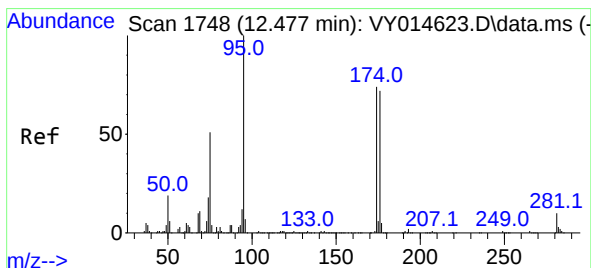
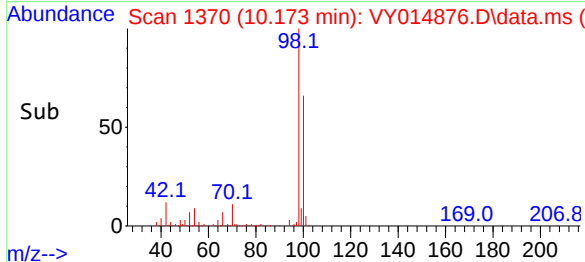
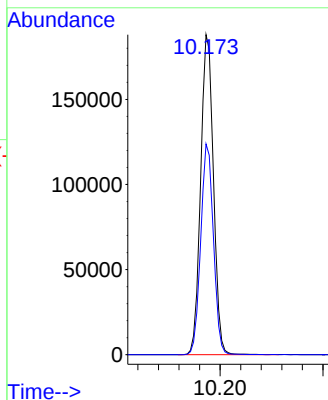
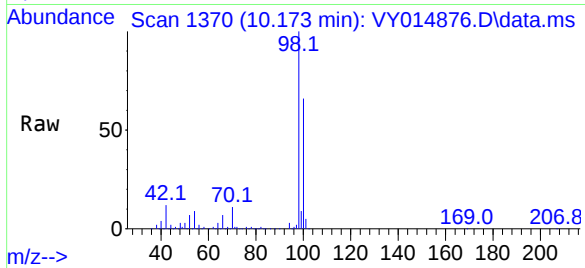




#50
Toluene-d8
Concen: 50.738 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014876.D
Acq: 27 Jul 2023 12:44

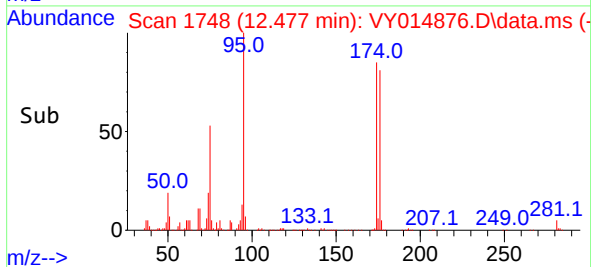
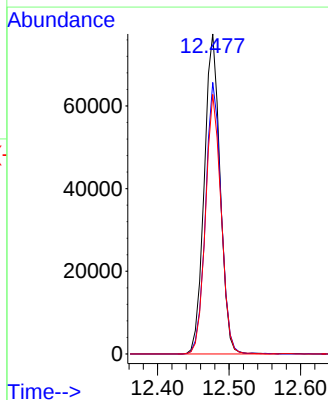
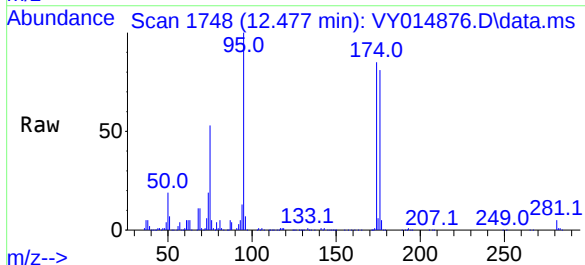
Instrument :
MSVOA_Y
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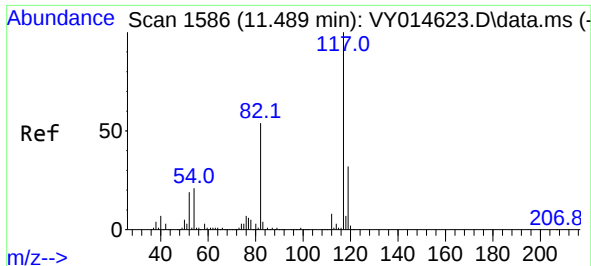
Tgt Ion: 98 Resp: 324243
Ion Ratio Lower Upper
98 100
100 65.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 48.633 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014876.D
Acq: 27 Jul 2023 12:44

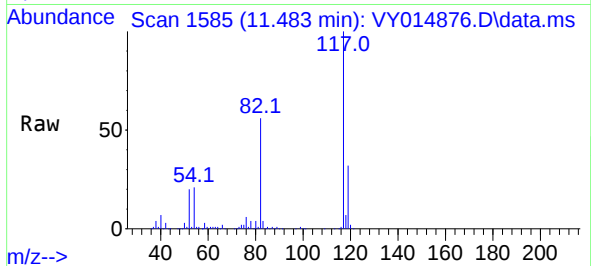
Tgt Ion: 95 Resp: 119168
Ion Ratio Lower Upper
95 100
174 83.2 0.0 178.2
176 79.7 0.0 173.8



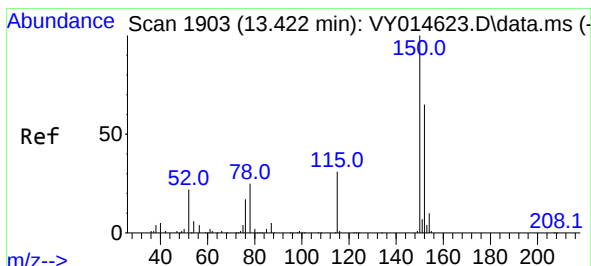
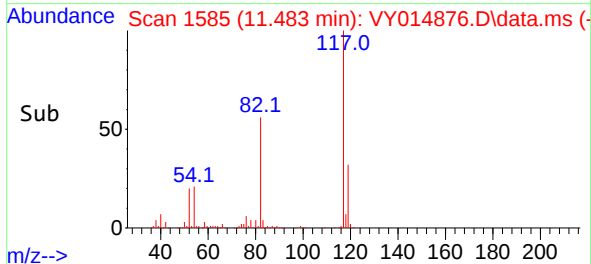
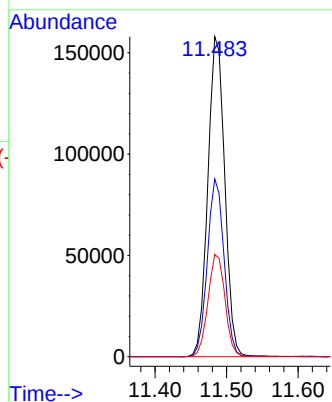


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014876.D
Acq: 27 Jul 2023 12:44

Instrument :
MSVOA_Y
ClientSampleId :

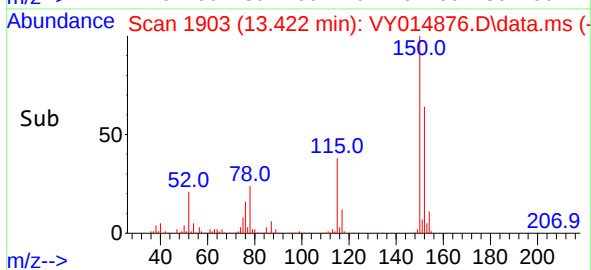
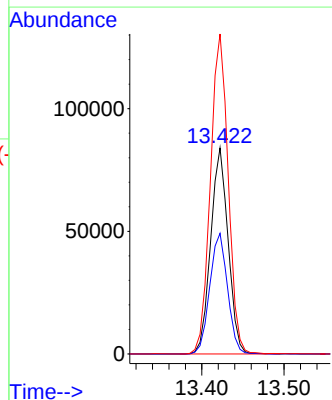
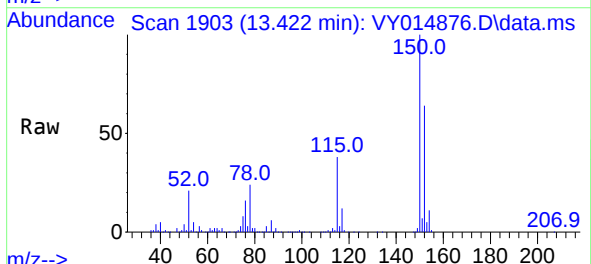


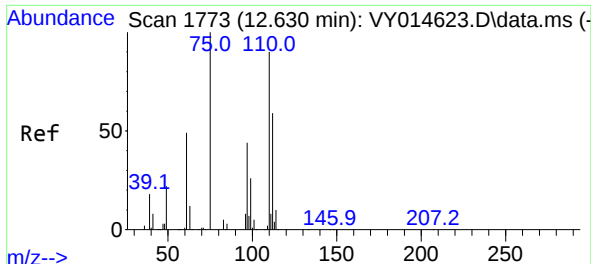
Tgt Ion:117 Resp: 259446
Ion Ratio Lower Upper
117 100
82 55.6 43.4 65.0
119 32.0 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY014876.D
Acq: 27 Jul 2023 12:44

Tgt Ion:152 Resp: 124011
Ion Ratio Lower Upper
152 100
115 59.6 28.8 86.5
150 158.4 0.0 348.8

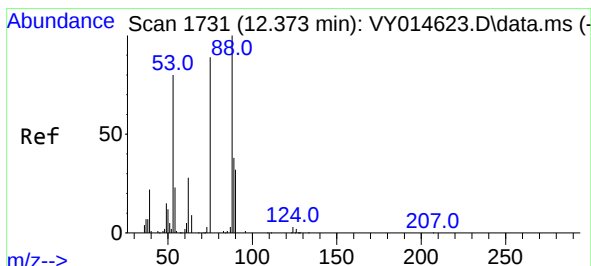
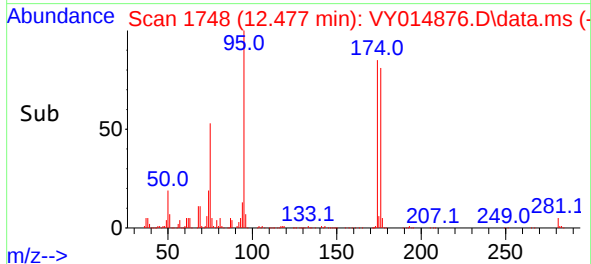
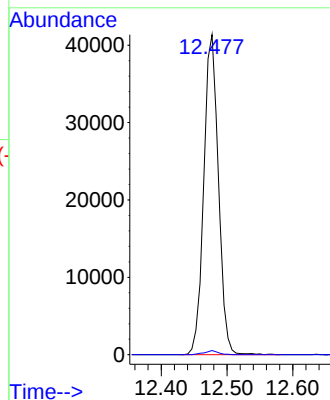
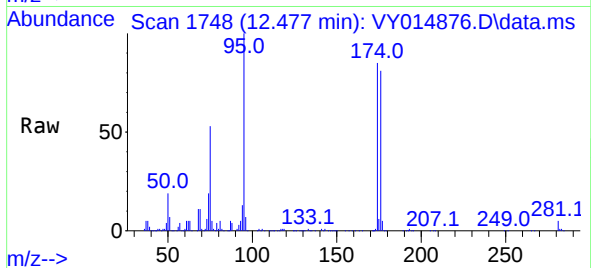




#76
1,2,3-Trichloropropane
Concen: 40.891 ug/l
RT: 12.477 min Scan# 1773
Delta R.T. -0.153 min
Lab File: VY014876.D
Acq: 27 Jul 2023 12:44

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 64044
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 79.172 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY014876.D
Acq: 27 Jul 2023 12:44

Tgt Ion: 75 Resp: 64044
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

