

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072723\
 Data File : VY014877.D
 Acq On : 27 Jul 2023 13:08
 Operator : SY/MD
 Sample : 03686-12
 Misc : 4.13g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 28 02:37:21 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)

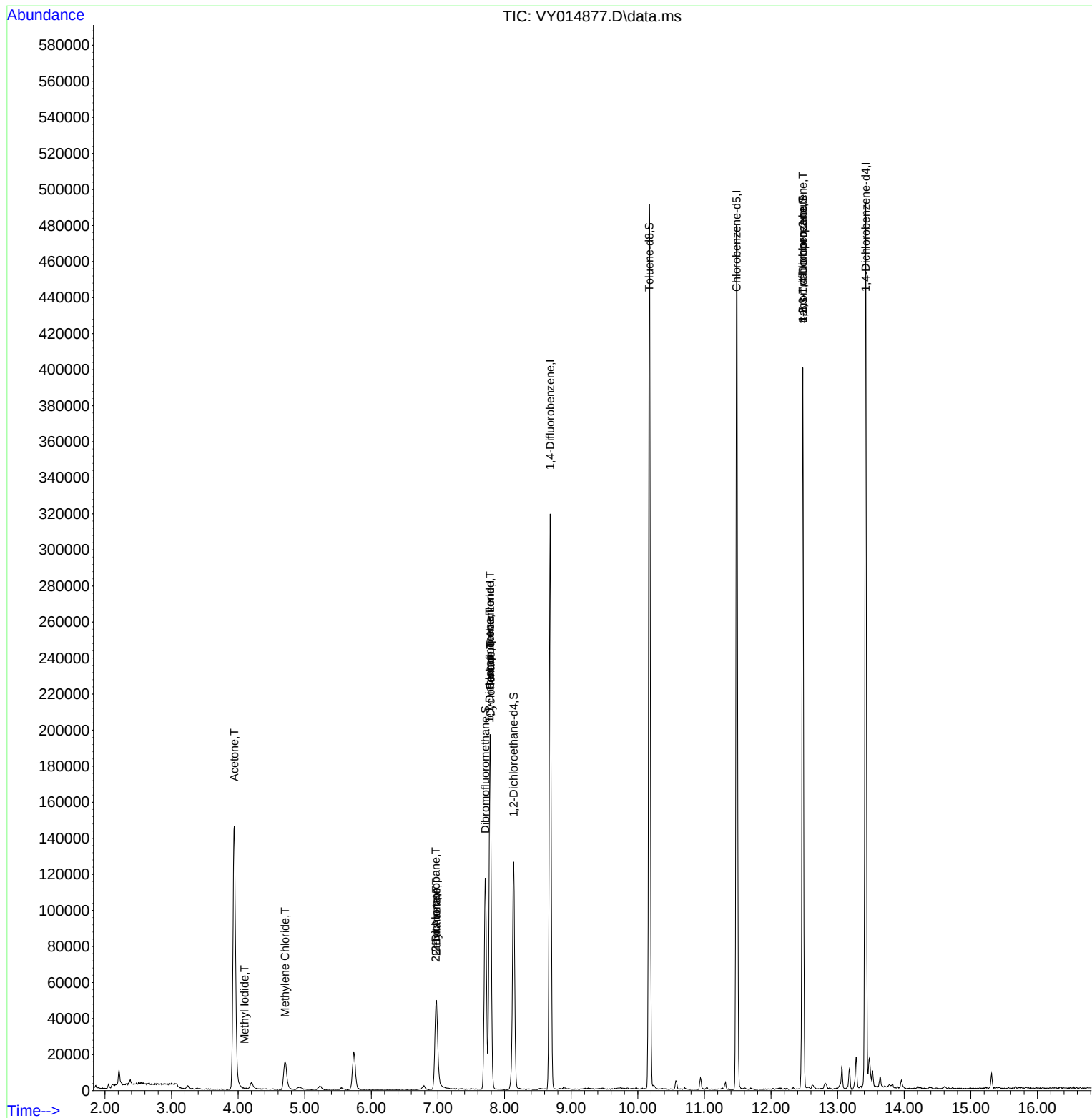
Internal Standards						
1) Pentafluorobenzene	7.783	168	151880	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	269981	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	256660	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	123080	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	97555	56.366	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.740%	
35) Dibromofluoromethane	7.710	113	83376	48.513	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.020%	
50) Toluene-d8	10.173	98	319802	50.472	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.940%	
62) 4-Bromofluorobenzene	12.477	95	120010	49.396	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 98.800%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.095	142	58	2.402	ug/l #	38
11) Tert butyl alcohol	4.930	59	1229	Below Cal	#	89
16) Acetone	3.942	43	260513	475.001	ug/l	95
20) Methylene Chloride	4.704	84	12436	3.011	ug/l #	88
25) 2-Butanone	6.972	43	4341	5.410	ug/l #	79
26) 2,2-Dichloropropane	6.966	77	3962	1.346	ug/l #	54
31) Cyclohexane	7.789	56	3258	1.134	ug/l #	26
36) 1,1-Dichloropropene	7.777	75	12638	4.917	ug/l #	50
37) Ethyl Acetate	6.972	43	4341	2.453	ug/l #	21
38) Carbon Tetrachloride	7.783	117	15699	5.778	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	63317	40.732	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	63317	78.865	ug/l #	11

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

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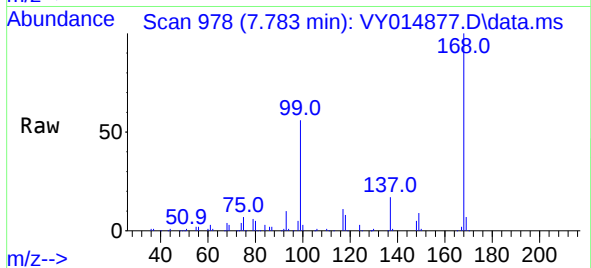
Quant Time: Jul 28 02:37:21 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 14 02:09:50 2023
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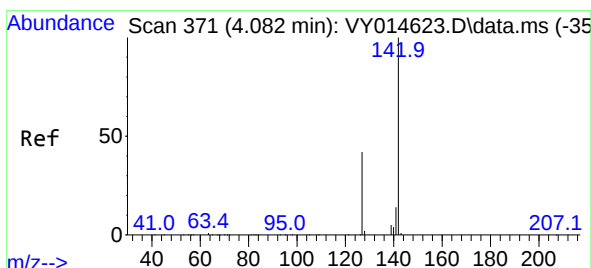
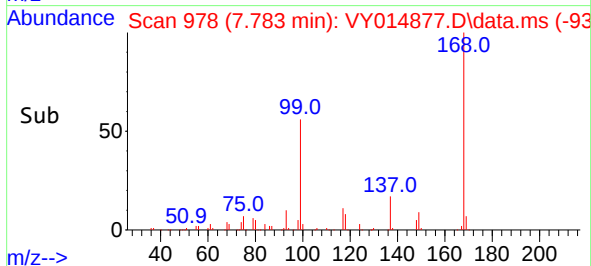
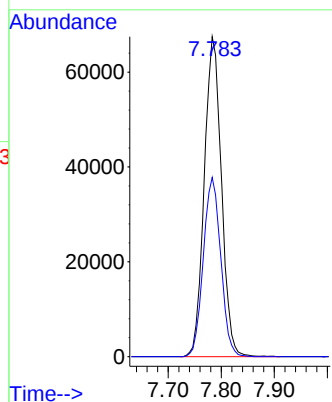


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014877.D
Acq: 27 Jul 2023 13:08

Instrument :
MSVOA_Y
ClientSampleId :

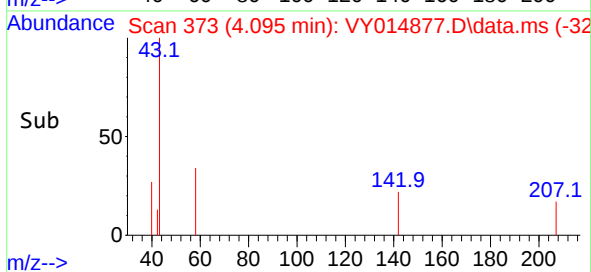
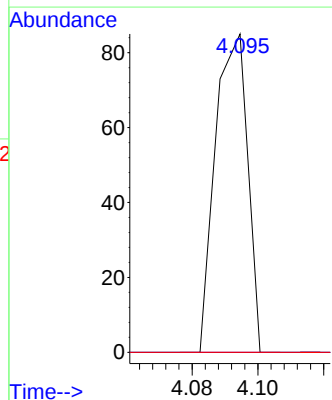
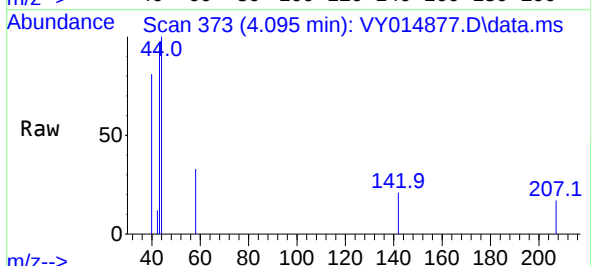


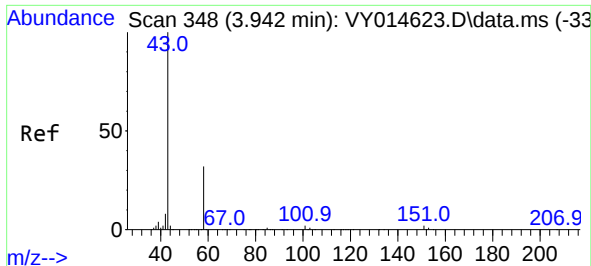
Tgt Ion:168 Resp: 151880
Ion Ratio Lower Upper
168 100
99 56.0 43.4 65.0



#10
Methyl Iodide
Concen: 2.402 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.013 min
Lab File: VY014877.D
Acq: 27 Jul 2023 13:08

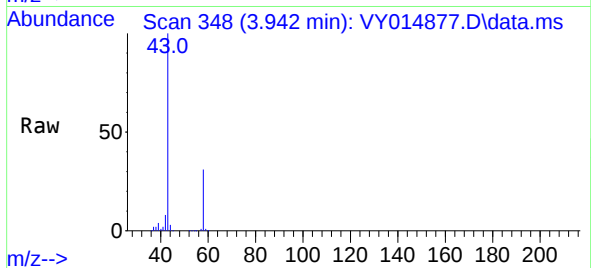
Tgt Ion:142 Resp: 58
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#



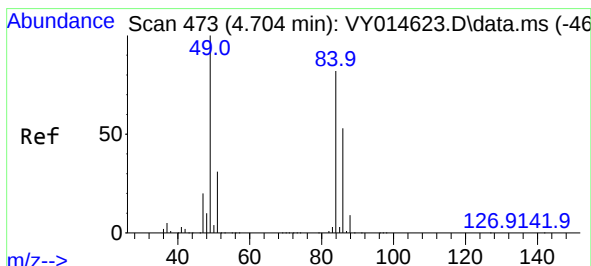
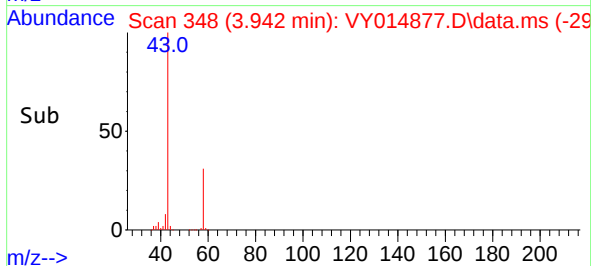
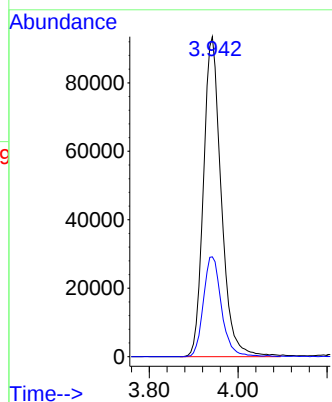


#16
Acetone
Concen: 475.001 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY014877.D
Acq: 27 Jul 2023 13:08

Instrument :
MSVOA_Y
ClientSampleId :

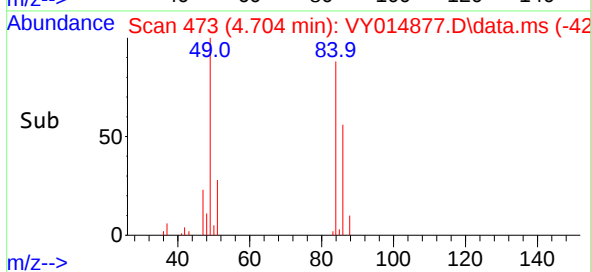
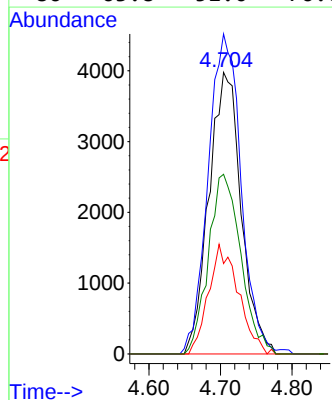
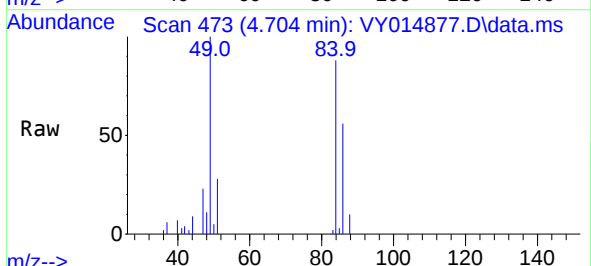


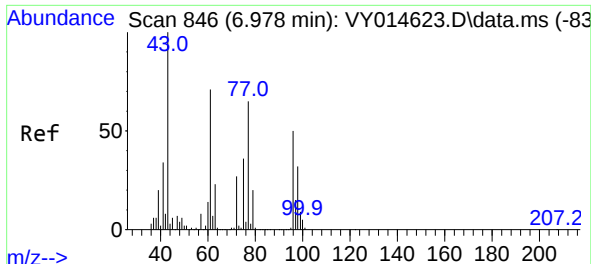
Tgt Ion: 43 Resp: 260513
Ion Ratio Lower Upper
43 100
58 31.2 22.7 34.1



#20
Methylene Chloride
Concen: 3.011 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY014877.D
Acq: 27 Jul 2023 13:08

Tgt Ion: 84 Resp: 12436
Ion Ratio Lower Upper
84 100
49 113.6 106.9 160.3
51 32.1 33.2 49.8#
86 63.8 51.0 76.6





#25

2-Butanone

Concen: 5.410 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY014877.D

Acq: 27 Jul 2023 13:08

Instrument :

MSVOA_Y

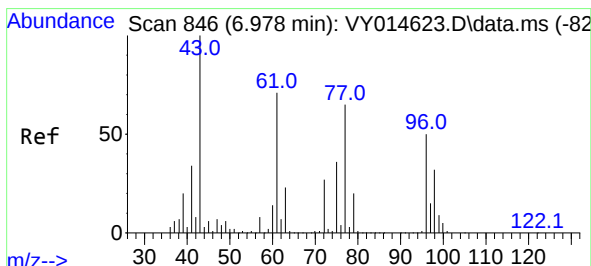
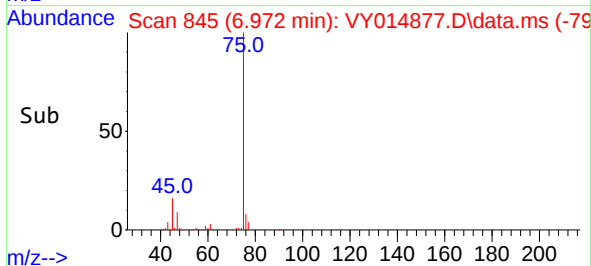
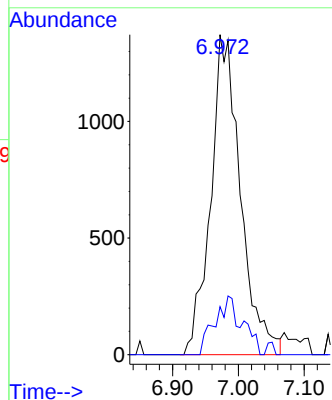
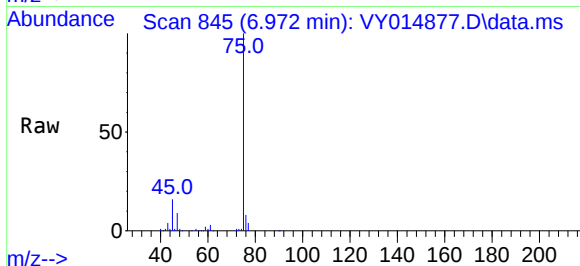
ClientSampleId :

Tgt Ion: 43 Resp: 4341

Ion Ratio Lower Upper

43 100

72 15.0 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 1.346 ug/l

RT: 6.966 min Scan# 844

Delta R.T. -0.012 min

Lab File: VY014877.D

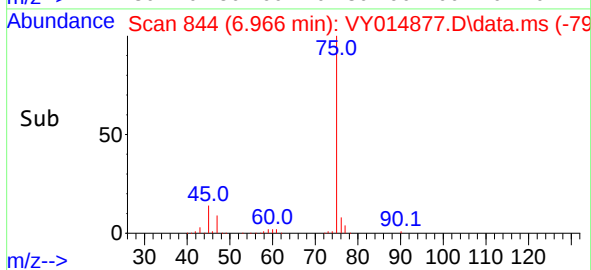
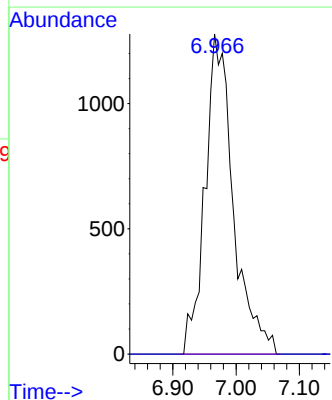
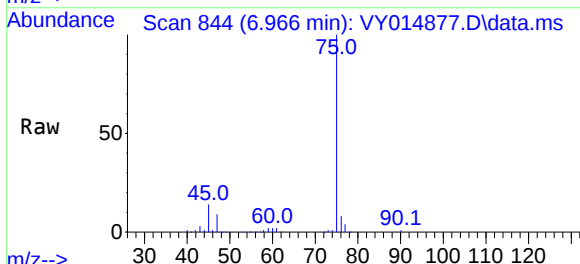
Acq: 27 Jul 2023 13:08

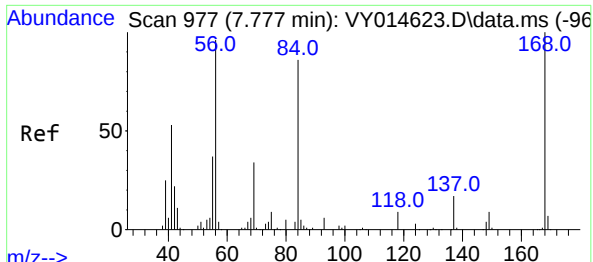
Tgt Ion: 77 Resp: 3962

Ion Ratio Lower Upper

77 100

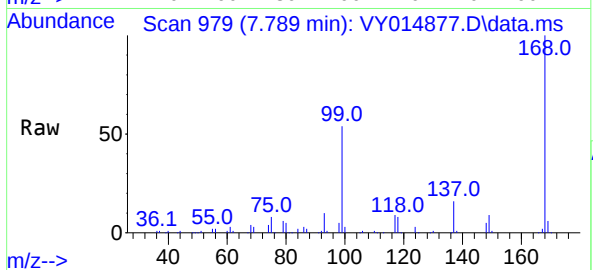
97 0.0 10.9 32.9#



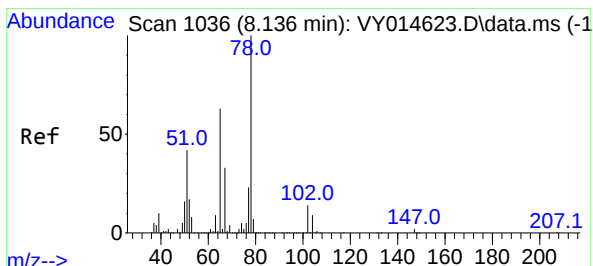
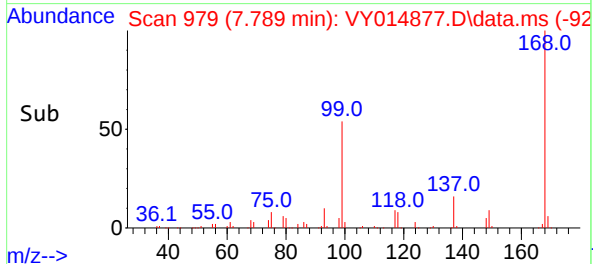
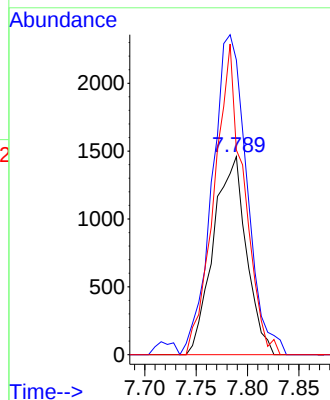


#31
Cyclohexane
Concen: 1.134 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014877.D
Acq: 27 Jul 2023 13:08

Instrument :
MSVOA_Y
ClientSampleId :

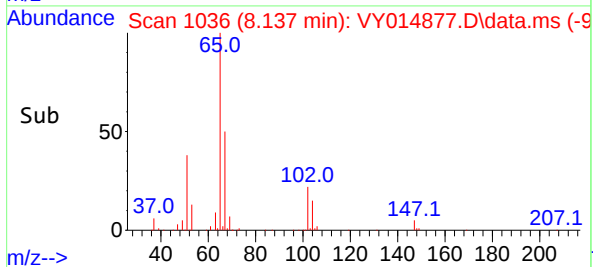
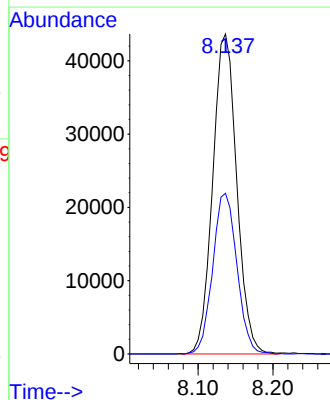
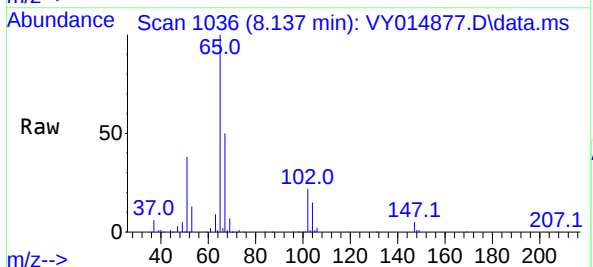


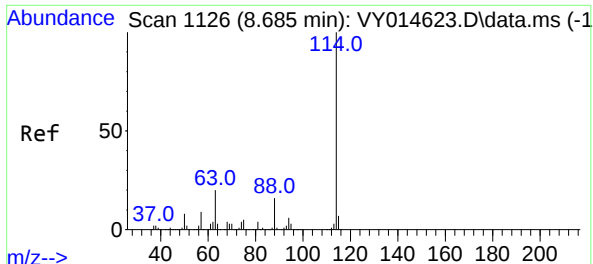
Tgt Ion: 56 Resp: 3258
Ion Ratio Lower Upper
56 100
69 148.8 27.8 41.6#
84 103.3 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 56.366 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY014877.D
Acq: 27 Jul 2023 13:08

Tgt Ion: 65 Resp: 97555
Ion Ratio Lower Upper
65 100
67 50.6 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: VY014877.D

Acq: 27 Jul 2023 13:08

Instrument :

MSVOA_Y

ClientSampleId :

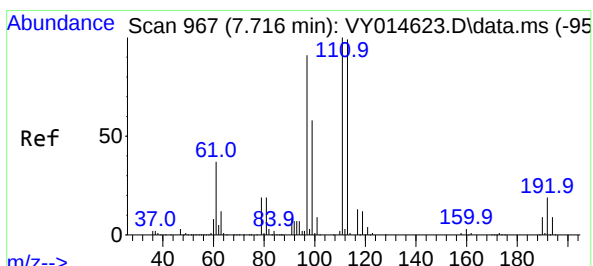
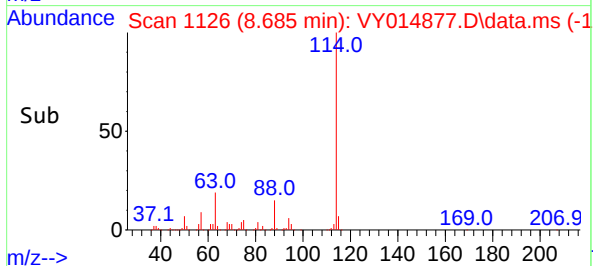
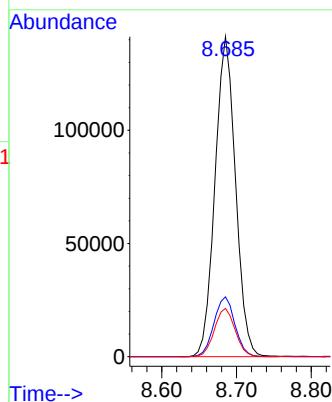
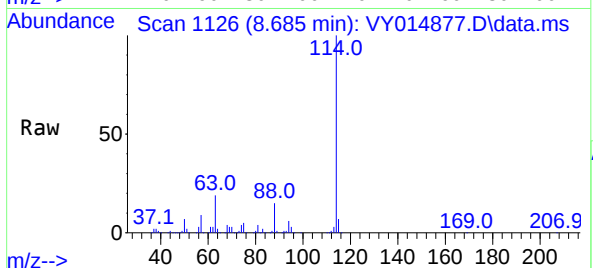
Tgt Ion:114 Resp: 269981

Ion Ratio Lower Upper

114 100

63 18.7 0.0 42.4

88 15.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.513 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY014877.D

Acq: 27 Jul 2023 13:08

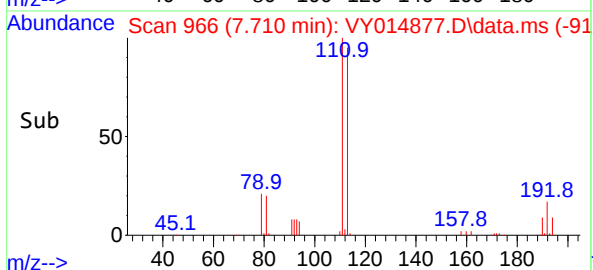
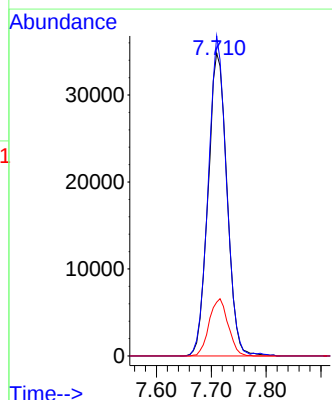
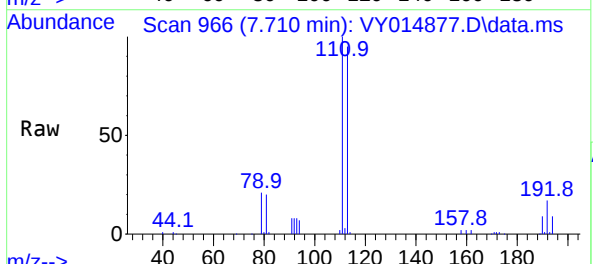
Tgt Ion:113 Resp: 83376

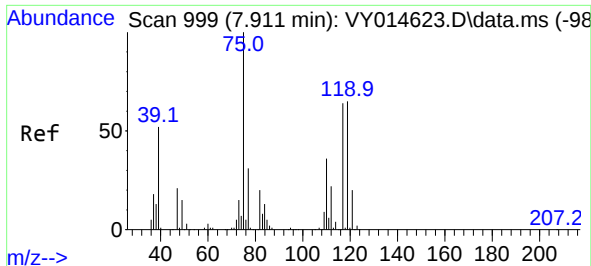
Ion Ratio Lower Upper

113 100

111 102.0 81.3 121.9

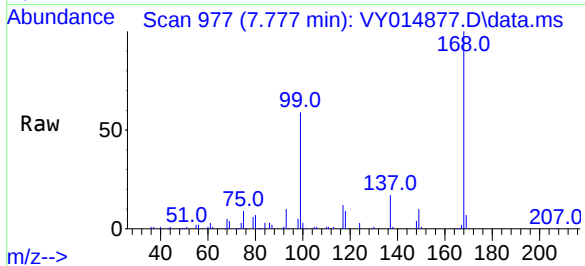
192 18.9 16.9 25.3



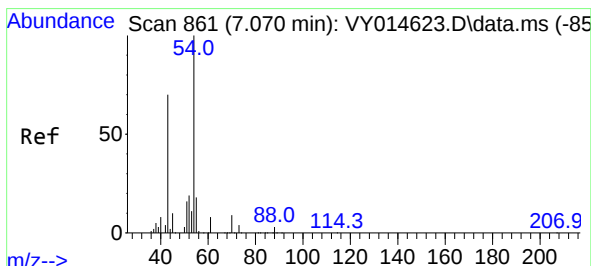
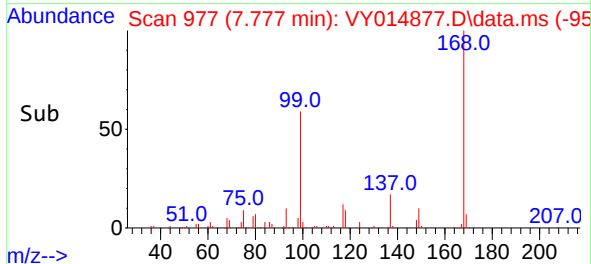
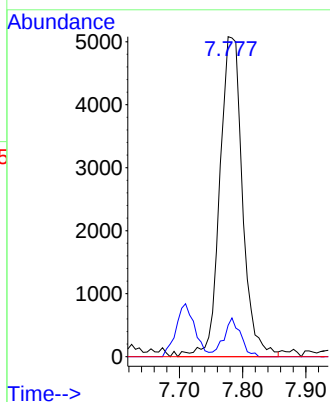


#36
1,1-Dichloropropene
Concen: 4.917 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY014877.D
Acq: 27 Jul 2023 13:08

Instrument :
MSVOA_Y
ClientSampleId :

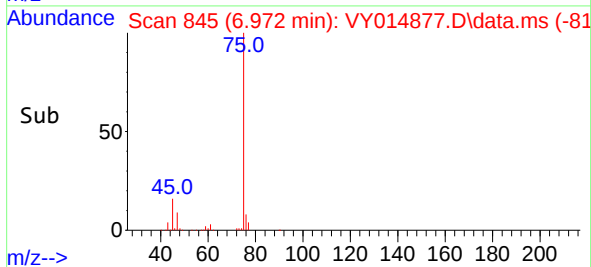
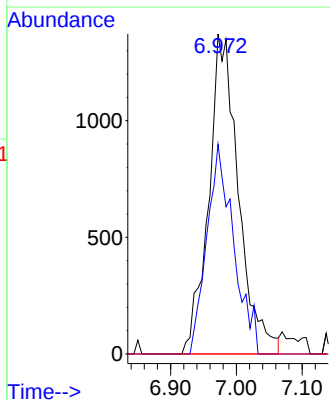
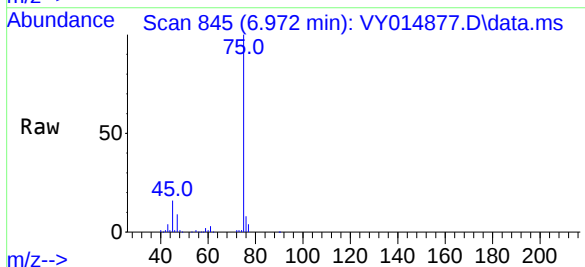


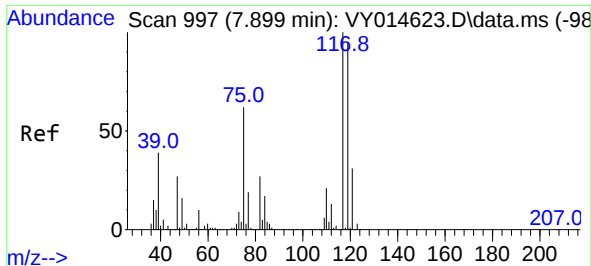
Tgt Ion: 75 Resp: 12638
Ion Ratio Lower Upper
75 100
110 9.0 17.8 53.5#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 2.453 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.098 min
Lab File: VY014877.D
Acq: 27 Jul 2023 13:08

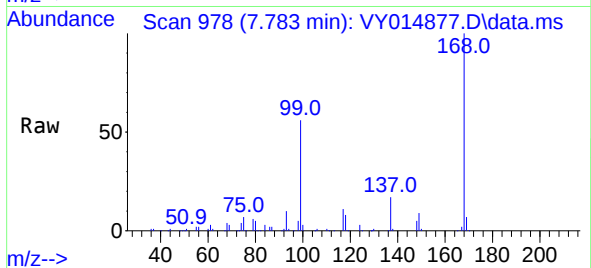
Tgt Ion: 43 Resp: 4341
Ion Ratio Lower Upper
43 100
61 58.7 10.1 15.1#
70 0.0 7.1 10.7#



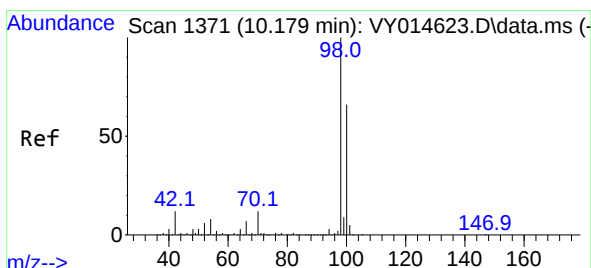
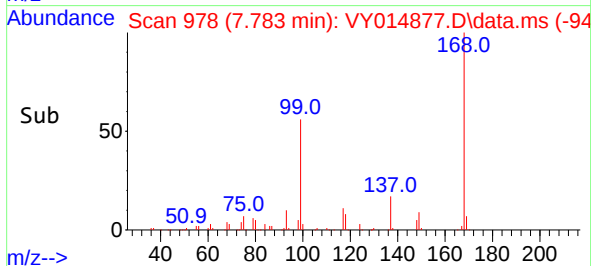
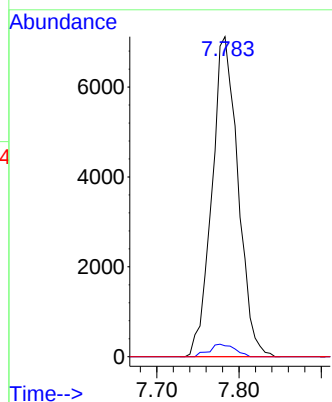


#38
Carbon Tetrachloride
Concen: 5.778 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY014877.D
Acq: 27 Jul 2023 13:08

Instrument :
MSVOA_Y
ClientSampleId :

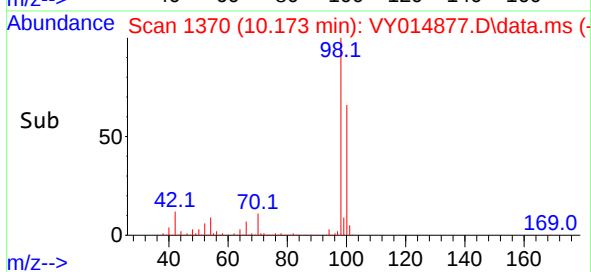
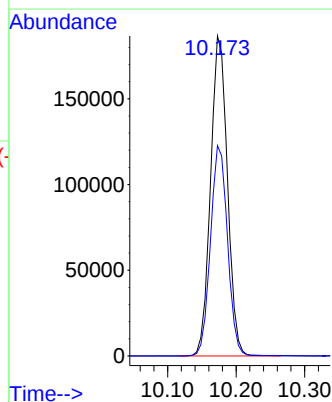
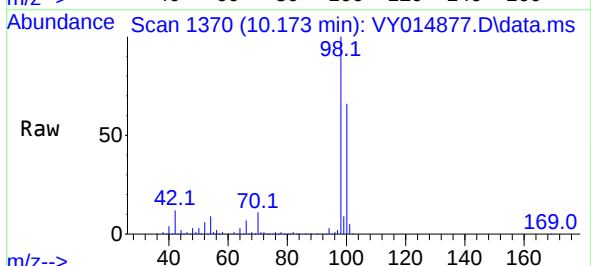


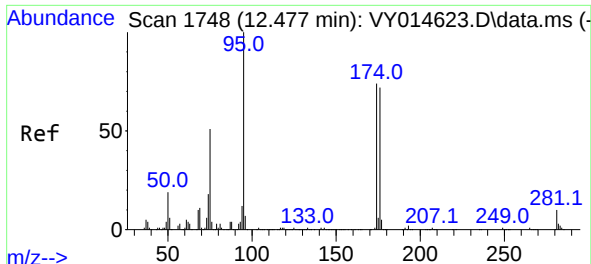
Tgt Ion:117 Resp: 15699
Ion Ratio Lower Upper
117 100
119 3.4 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 50.472 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY014877.D
Acq: 27 Jul 2023 13:08

Tgt Ion: 98 Resp: 319802
Ion Ratio Lower Upper
98 100
100 66.2 50.1 75.1

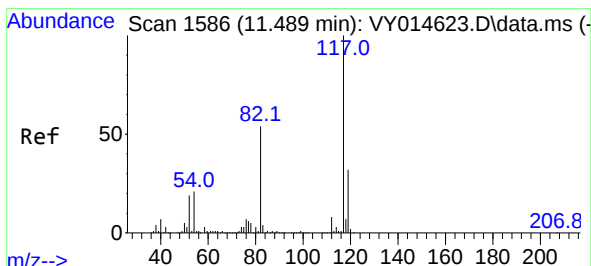
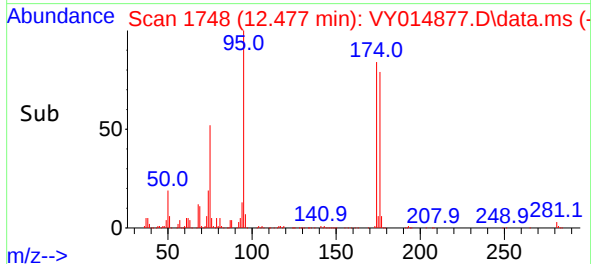
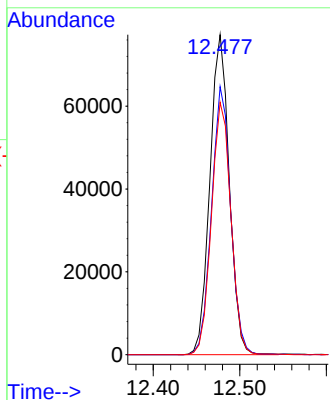
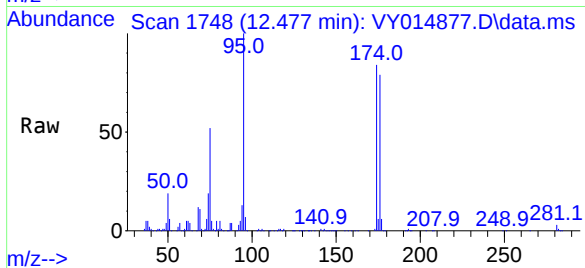




#62
4-Bromofluorobenzene
Concen: 49.396 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014877.D
Acq: 27 Jul 2023 13:08

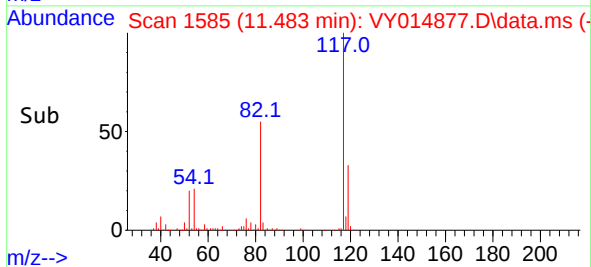
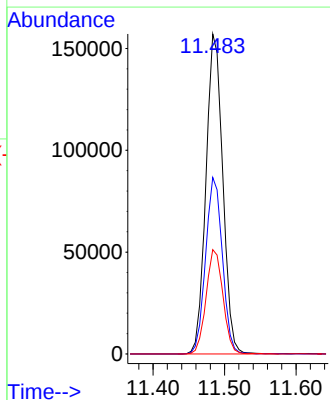
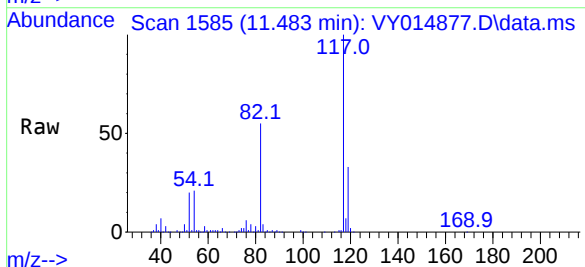
Instrument :
MSVOA_Y
ClientSampleId :

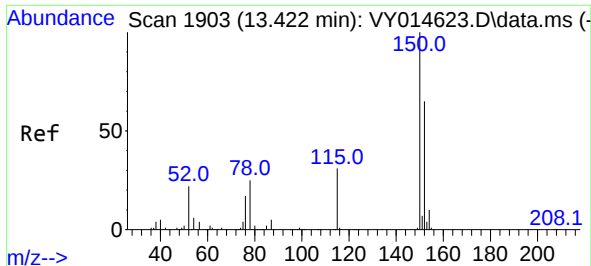
Tgt Ion: 95 Resp: 120010
Ion Ratio Lower Upper
95 100
174 82.8 0.0 178.2
176 79.2 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY014877.D
Acq: 27 Jul 2023 13:08

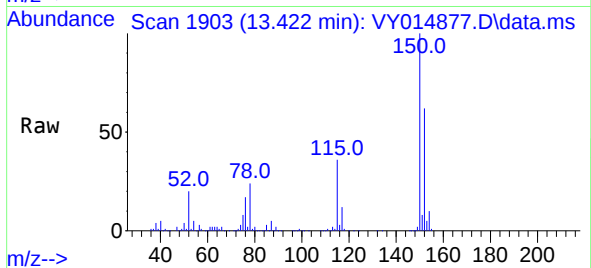
Tgt Ion: 117 Resp: 256660
Ion Ratio Lower Upper
117 100
82 55.1 43.4 65.0
119 32.6 26.3 39.5



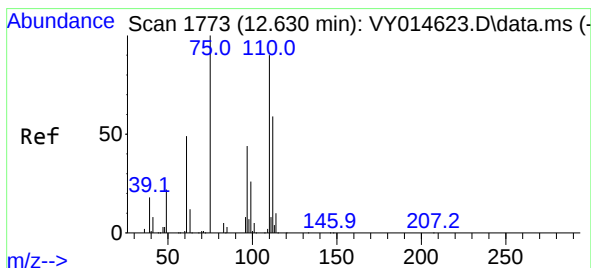
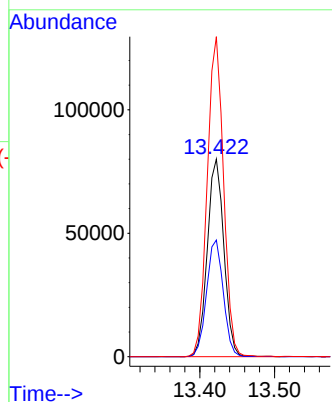
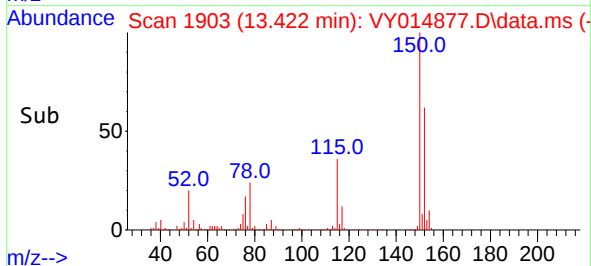


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY014877.D
Acq: 27 Jul 2023 13:08

Instrument :
MSVOA_Y
ClientSampleId :

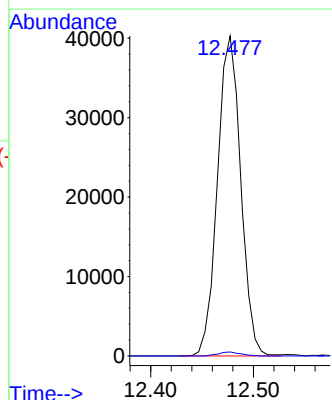
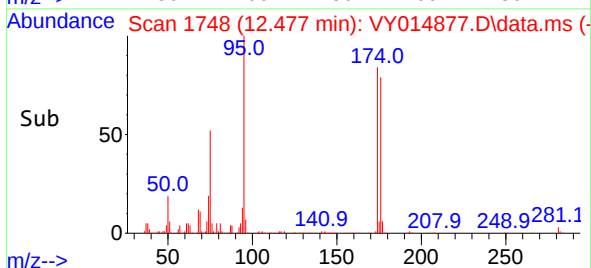
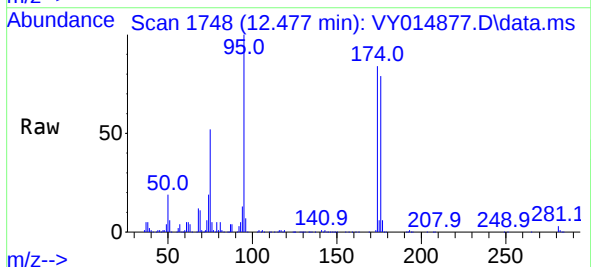


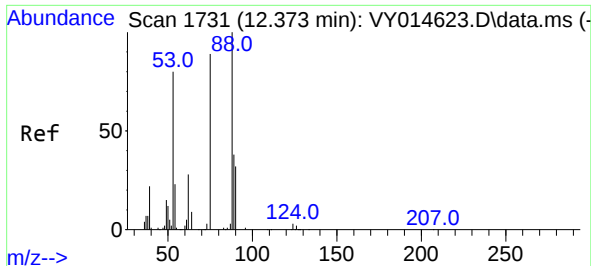
Tgt Ion:152 Resp: 123080
Ion Ratio Lower Upper
152 100
115 59.7 28.8 86.5
150 159.5 0.0 348.8



#76
1,2,3-Trichloropropane
Concen: 40.732 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY014877.D
Acq: 27 Jul 2023 13:08

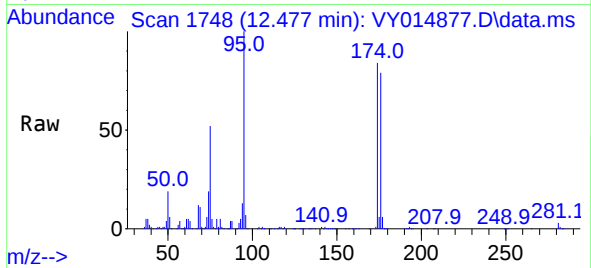
Tgt Ion: 75 Resp: 63317
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 78.865 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY014877.D
Acq: 27 Jul 2023 13:08

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 63317
Ion Ratio Lower Upper
75 100
53 0.2 77.8 116.8#
89 0.0 37.4 56.0#

