

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072723\
 Data File : VY014873.D
 Acq On : 27 Jul 2023 11:33
 Operator : SY/MD
 Sample : 03686-08
 Misc : 2.45g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 28 02:36:47 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)

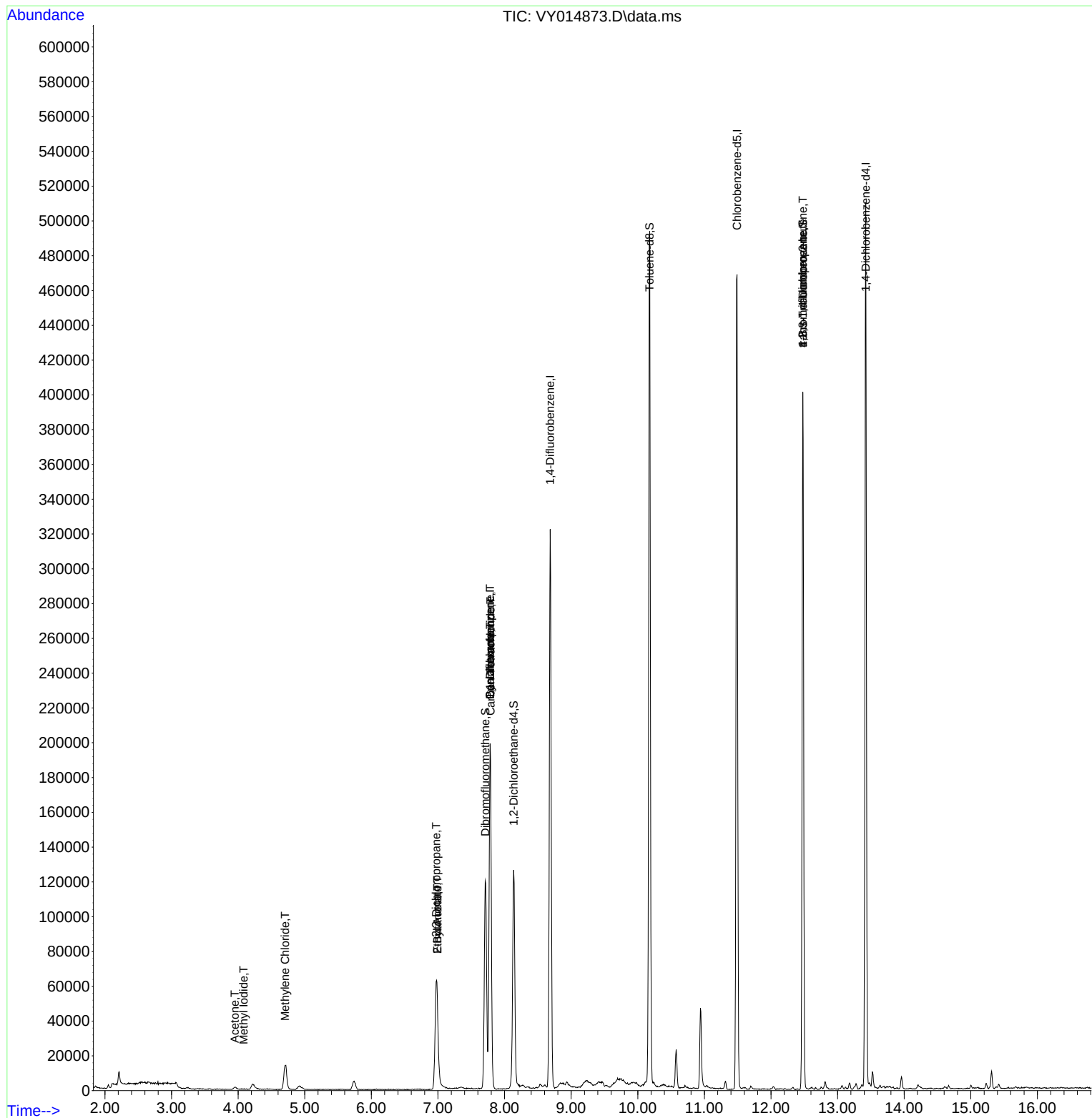
Internal Standards						
1) Pentafluorobenzene	7.783	168	154795	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	274334	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	261230	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	125048	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	95459	54.117	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.240%	
35) Dibromofluoromethane	7.710	113	85836	49.152	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.300%	
50) Toluene-d8	10.179	98	324882	50.460	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.920%	
62) 4-Bromofluorobenzene	12.477	95	120082	48.641	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.280%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.082	142	197	2.478	ug/l #	82
11) Tert butyl alcohol	4.918	59	2984	Below Cal	#	89
16) Acetone	3.948	43	2305	4.124	ug/l #	71
20) Methylene Chloride	4.704	84	11258	2.159	ug/l #	82
25) 2-Butanone	6.990	43	3672	4.490	ug/l #	81
26) 2,2-Dichloropropane	6.972	77	4784	1.594	ug/l #	54
31) Cyclohexane	7.783	56	3617	1.235	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	12140	4.648	ug/l #	50
37) Ethyl Acetate	6.990	43	3672	2.042	ug/l #	1
38) Carbon Tetrachloride	7.789	117	15712	5.691	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	64145	40.616	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	64145	78.639	ug/l #	10

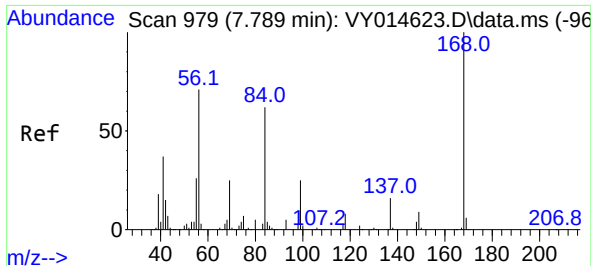
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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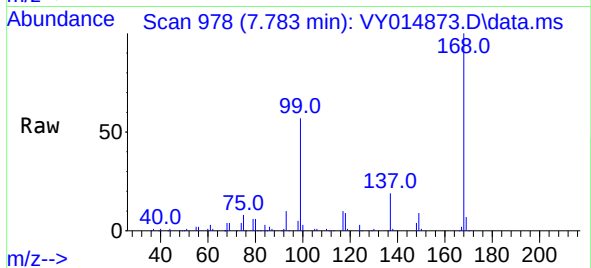
Quant Time: Jul 28 02:36:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 14 02:09:50 2023
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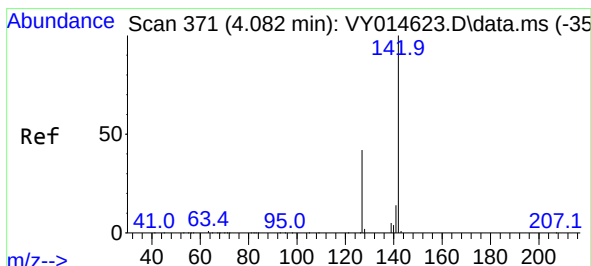
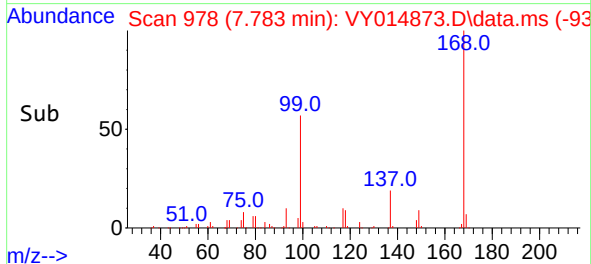
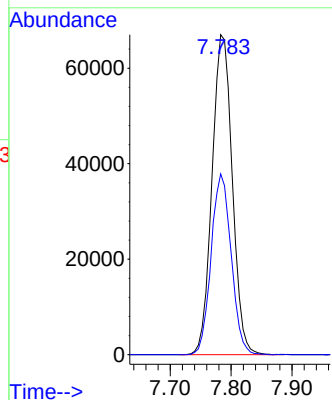


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014873.D
Acq: 27 Jul 2023 11:33

Instrument :
MSVOA_Y
ClientSampleId :

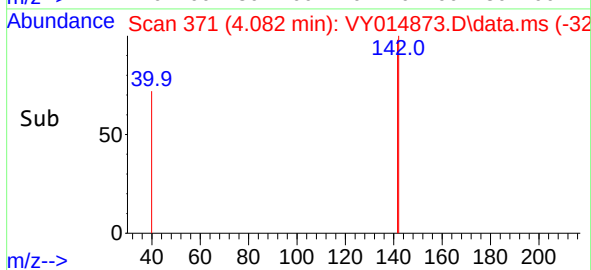
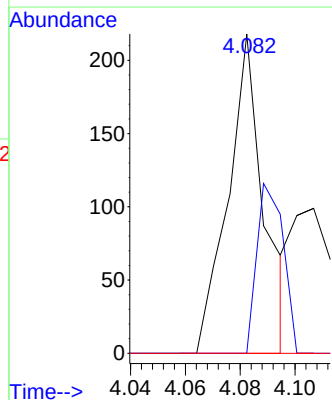
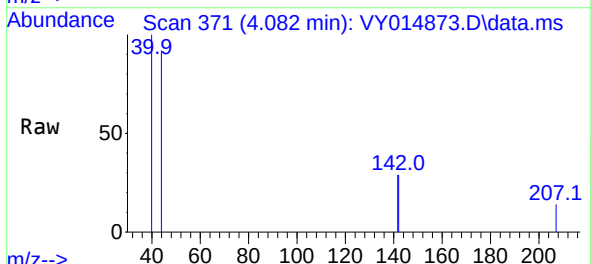


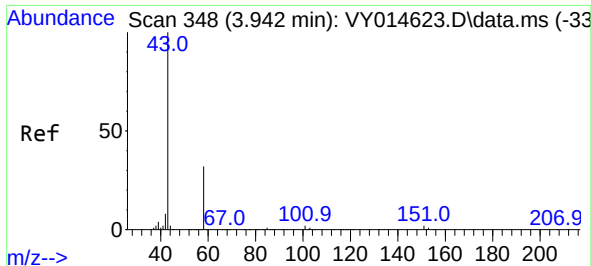
Tgt Ion:168 Resp: 154795
Ion Ratio Lower Upper
168 100
99 56.5 43.4 65.0



#10
Methyl Iodide
Concen: 2.478 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY014873.D
Acq: 27 Jul 2023 11:33

Tgt Ion:142 Resp: 197
Ion Ratio Lower Upper
142 100
127 39.1 37.6 56.4
141 0.0 11.8 17.8#

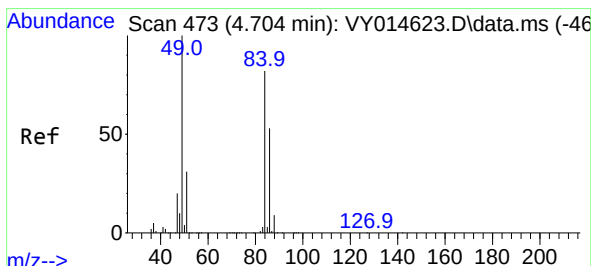
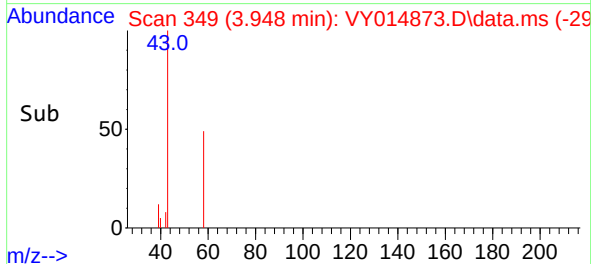
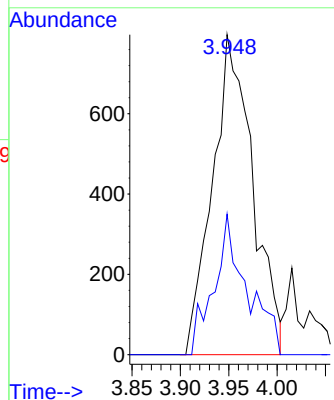
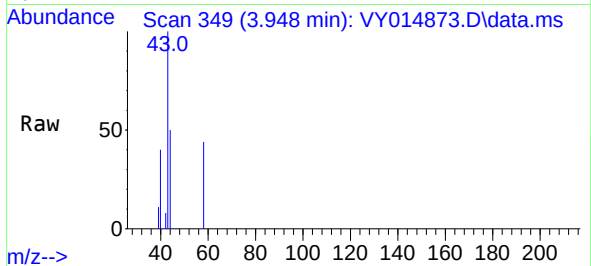




#16
Acetone
Concen: 4.124 ug/l
RT: 3.948 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY014873.D
Acq: 27 Jul 2023 11:33

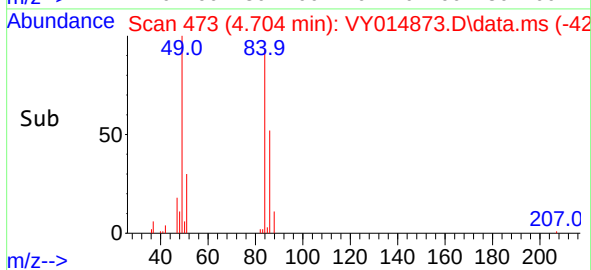
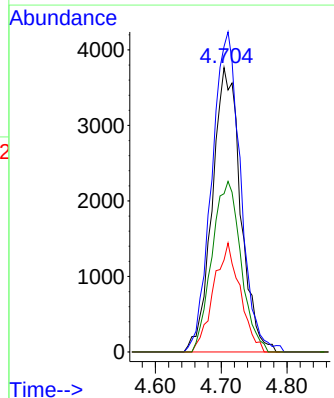
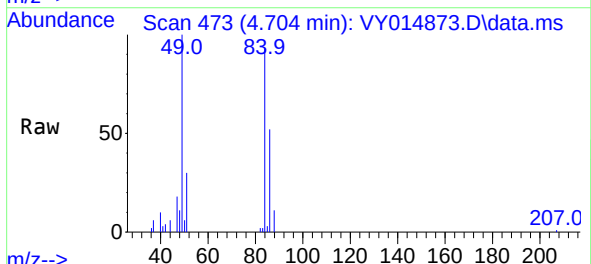
Instrument :
MSVOA_Y
ClientSampleId :

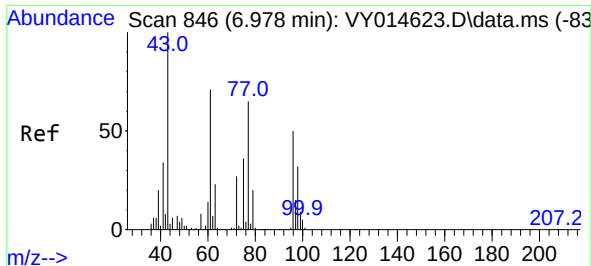
Tgt Ion: 43 Resp: 2305
Ion Ratio Lower Upper
43 100
58 43.9 22.7 34.1#



#20
Methylene Chloride
Concen: 2.159 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY014873.D
Acq: 27 Jul 2023 11:33

Tgt Ion: 84 Resp: 11258
Ion Ratio Lower Upper
84 100
49 107.4 106.9 160.3
51 32.3 33.2 49.8#
86 55.7 51.0 76.6

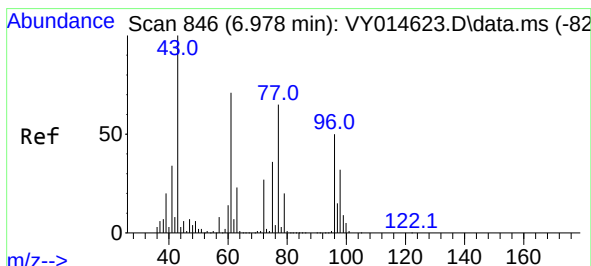
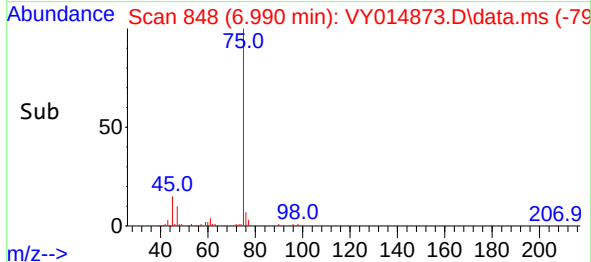
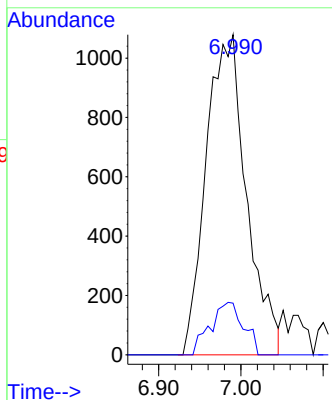
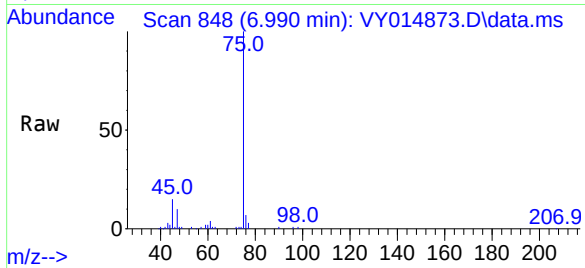




#25
2-Butanone
Concen: 4.490 ug/l
RT: 6.990 min Scan# 84
Delta R.T. 0.012 min
Lab File: VY014873.D
Acq: 27 Jul 2023 11:33

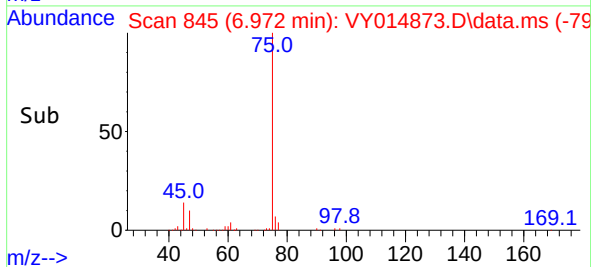
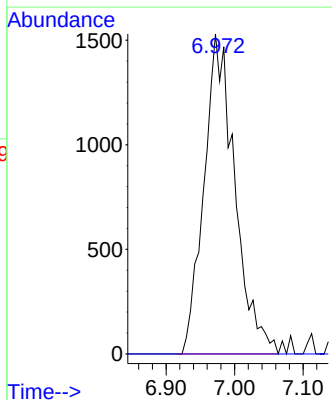
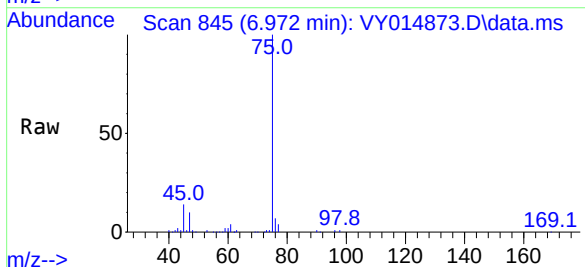
Instrument :
MSVOA_Y
ClientSampleId :

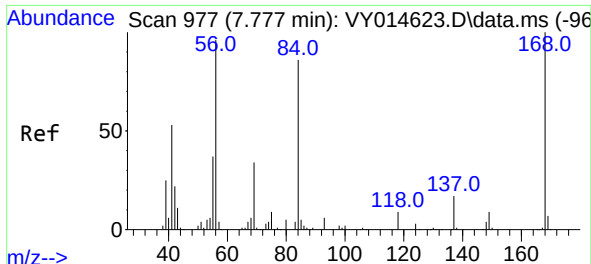
Tgt Ion: 43 Resp: 3672
Ion Ratio Lower Upper
43 100
72 16.1 20.5 30.7#



#26
2,2-Dichloropropane
Concen: 1.594 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY014873.D
Acq: 27 Jul 2023 11:33

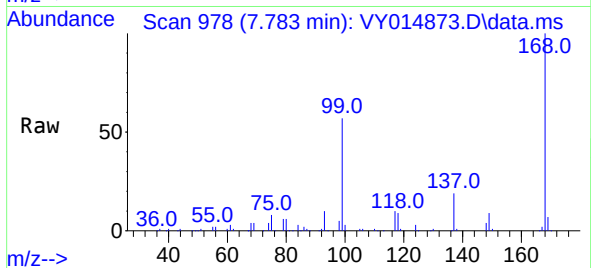
Tgt Ion: 77 Resp: 4784
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#



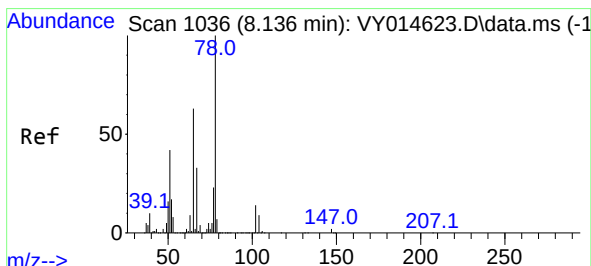
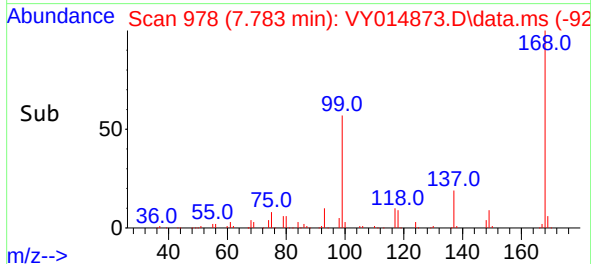
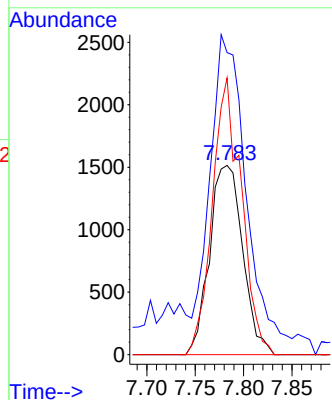


#31
Cyclohexane
Concen: 1.235 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014873.D
Acq: 27 Jul 2023 11:33

Instrument :
MSVOA_Y
ClientSampleId :

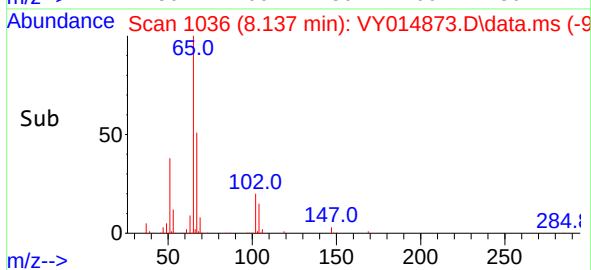
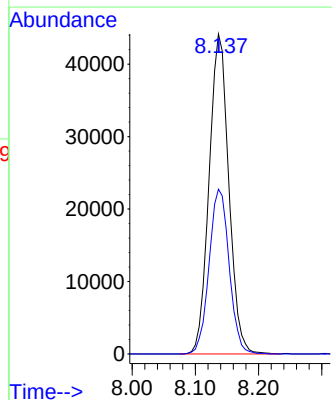
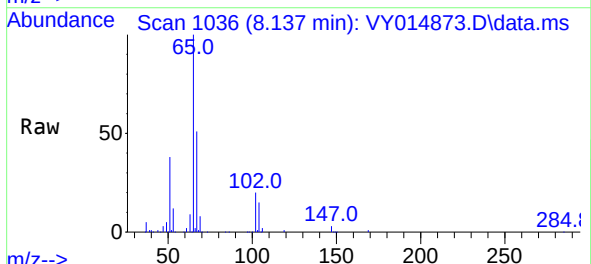


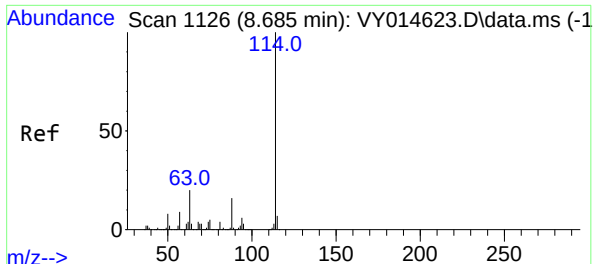
Tgt Ion: 56 Resp: 3617
Ion Ratio Lower Upper
56 100
69 148.3 27.8 41.6#
84 146.2 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 54.117 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY014873.D
Acq: 27 Jul 2023 11:33

Tgt Ion: 65 Resp: 95459
Ion Ratio Lower Upper
65 100
67 52.4 0.0 101.8

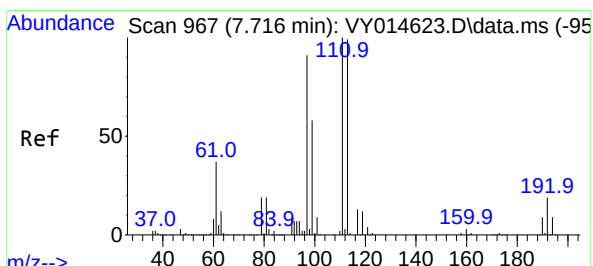
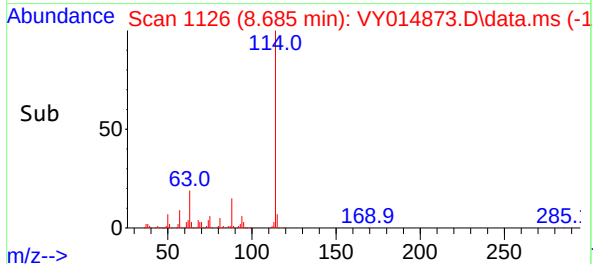
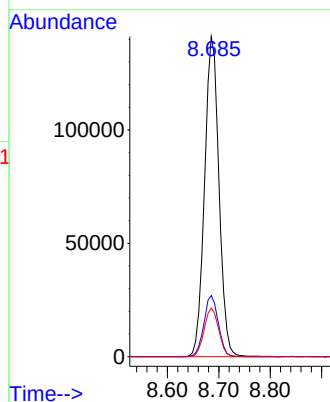
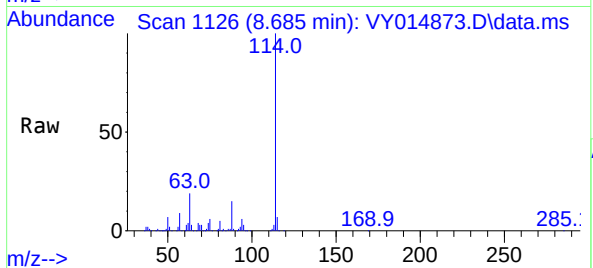




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY014873.D
Acq: 27 Jul 2023 11:33

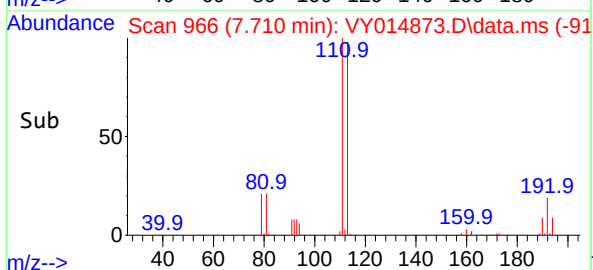
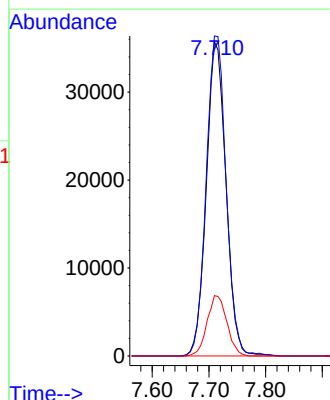
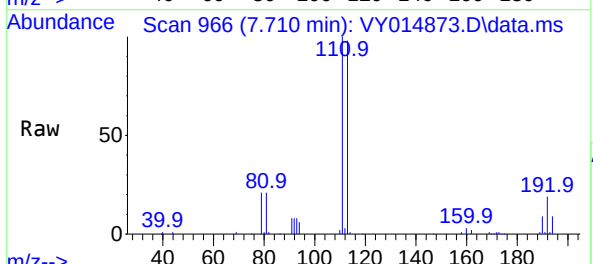
Instrument :
MSVOA_Y
ClientSampleId :

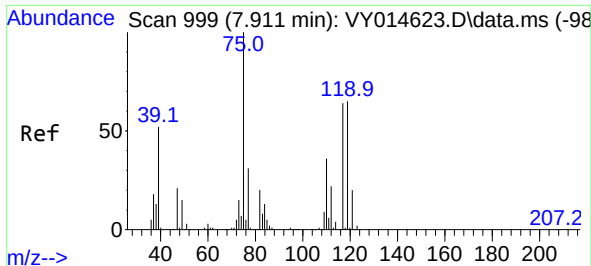
Tgt Ion:	114	Resp:	274334
Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	42.4
88	15.2	0.0	30.6



#35
Dibromofluoromethane
Concen: 49.152 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY014873.D
Acq: 27 Jul 2023 11:33

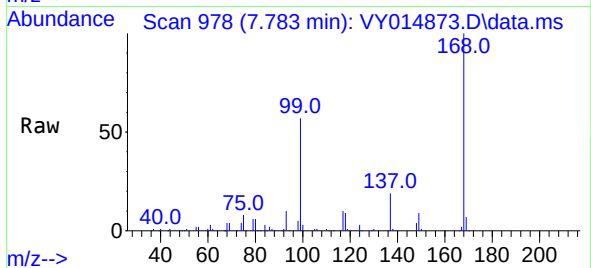
Tgt Ion:	113	Resp:	85836
Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.3	121.9
192	19.4	16.9	25.3



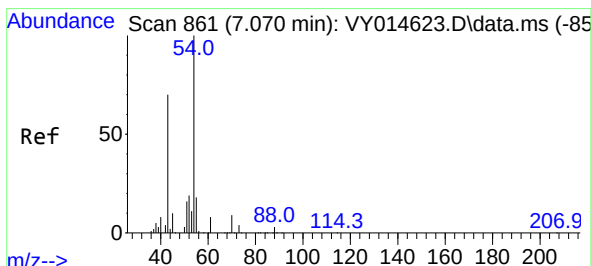
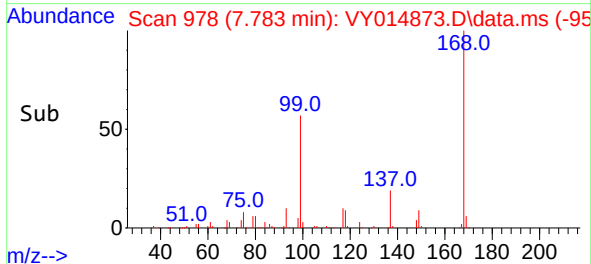
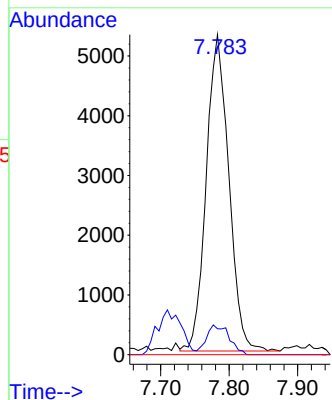


#36
1,1-Dichloropropene
Concen: 4.648 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY014873.D
Acq: 27 Jul 2023 11:33

Instrument :
MSVOA_Y
ClientSampleId :

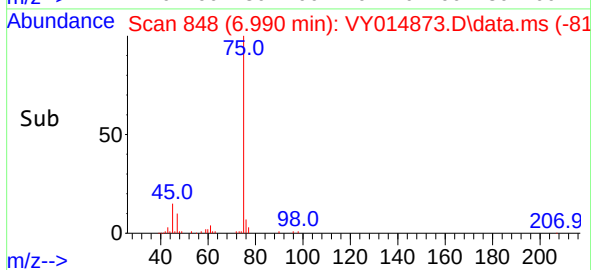
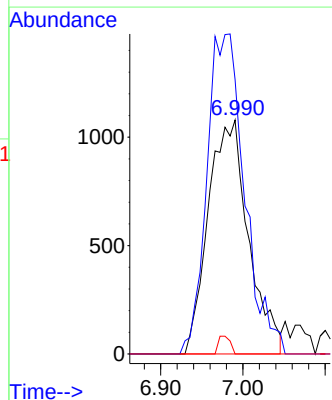
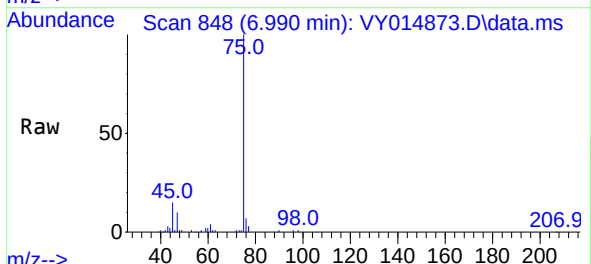


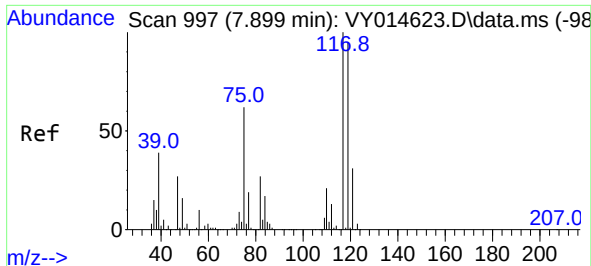
Tgt Ion: 75 Resp: 12140
Ion Ratio Lower Upper
75 100
110 9.4 17.8 53.5#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 2.042 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.080 min
Lab File: VY014873.D
Acq: 27 Jul 2023 11:33

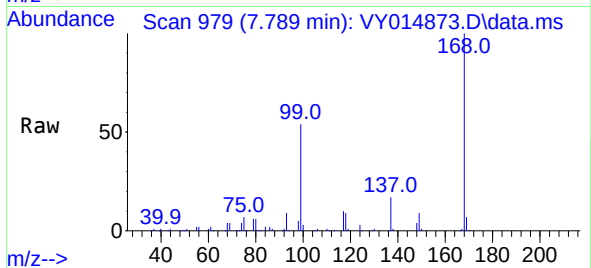
Tgt Ion: 43 Resp: 3672
Ion Ratio Lower Upper
43 100
61 128.1 10.1 15.1#
70 2.2 7.1 10.7#



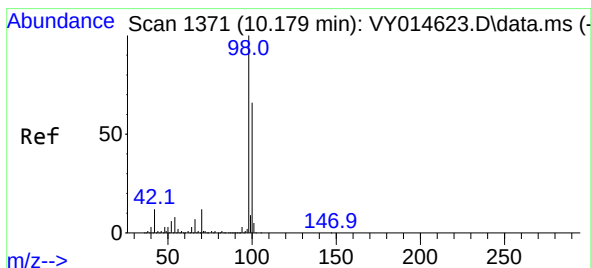
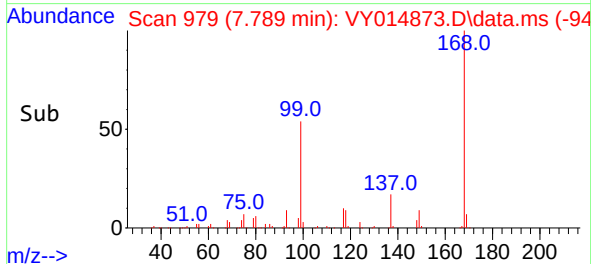
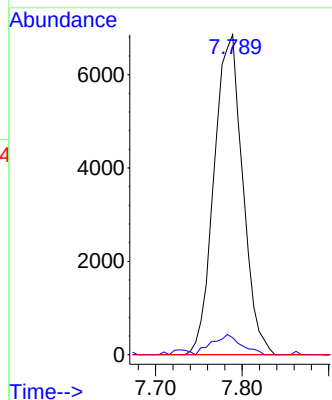


#38
Carbon Tetrachloride
Concen: 5.691 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY014873.D
Acq: 27 Jul 2023 11:33

Instrument :
MSVOA_Y
ClientSampleId :

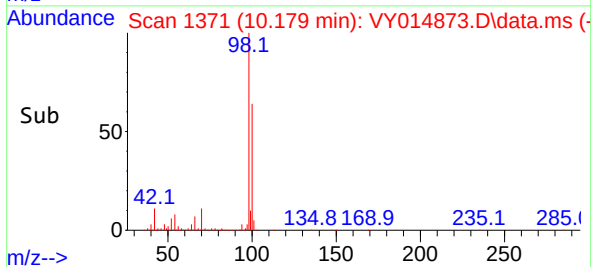
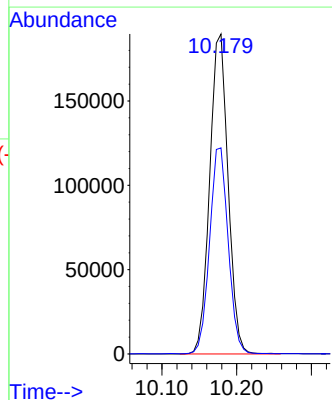
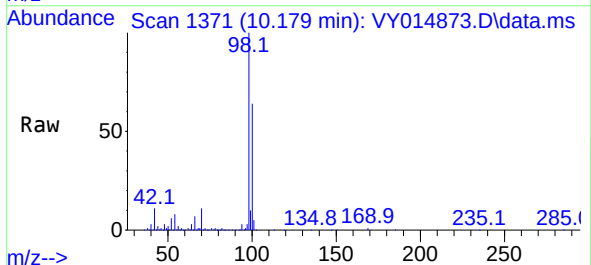


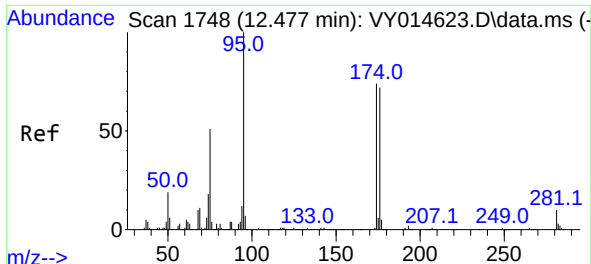
Tgt Ion:117 Resp: 15712
Ion Ratio Lower Upper
117 100
119 5.3 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 50.460 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014873.D
Acq: 27 Jul 2023 11:33

Tgt Ion: 98 Resp: 324882
Ion Ratio Lower Upper
98 100
100 65.0 50.1 75.1

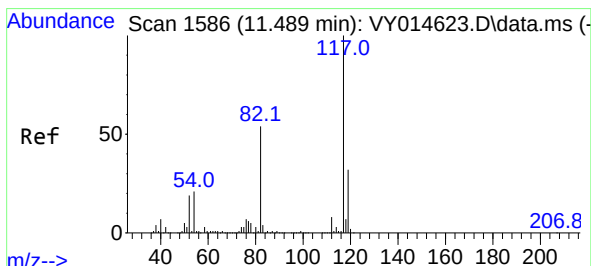
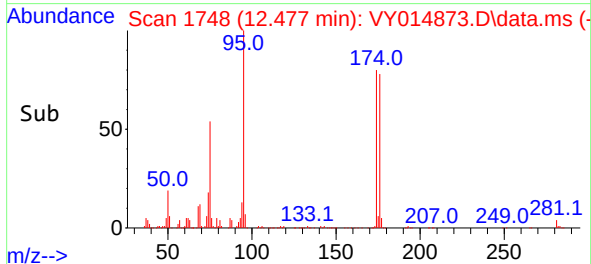
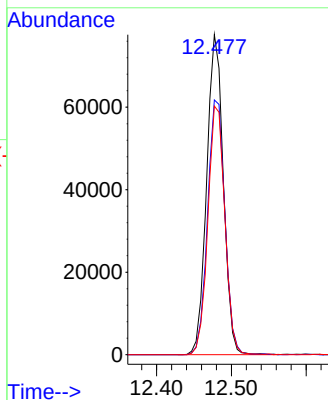
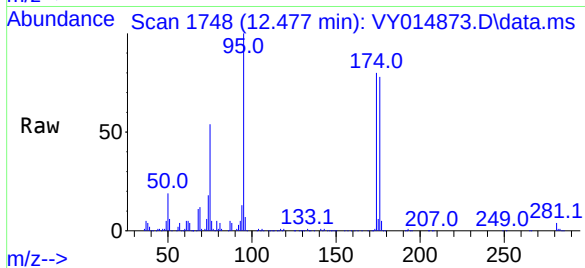




#62
4-Bromofluorobenzene
Concen: 48.641 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014873.D
Acq: 27 Jul 2023 11:33

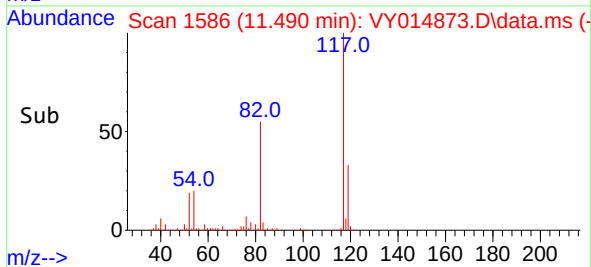
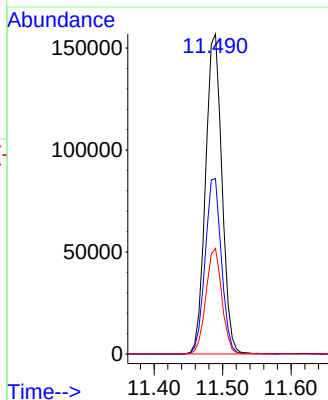
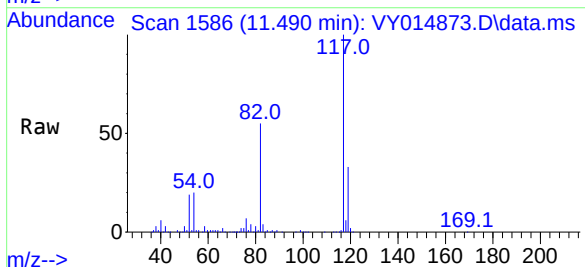
Instrument :
MSVOA_Y
ClientSampleId :

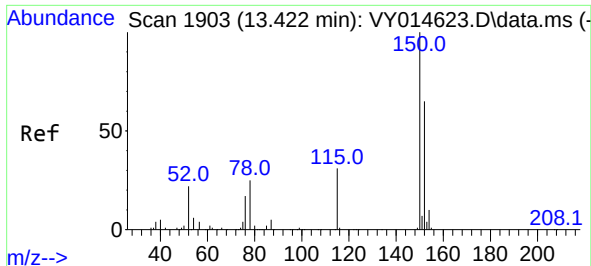
Tgt Ion: 95 Resp: 120082
Ion Ratio Lower Upper
95 100
174 82.7 0.0 178.2
176 79.3 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY014873.D
Acq: 27 Jul 2023 11:33

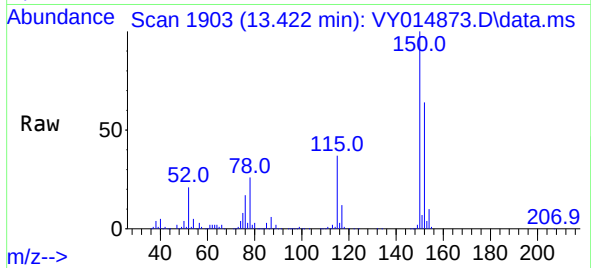
Tgt Ion: 117 Resp: 261230
Ion Ratio Lower Upper
117 100
82 54.8 43.4 65.0
119 32.9 26.3 39.5



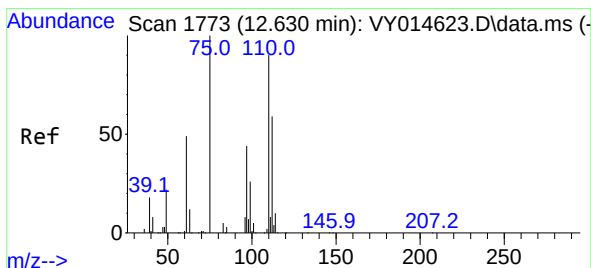
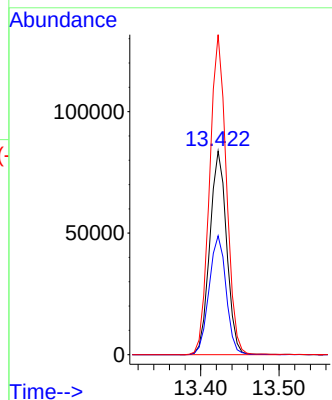
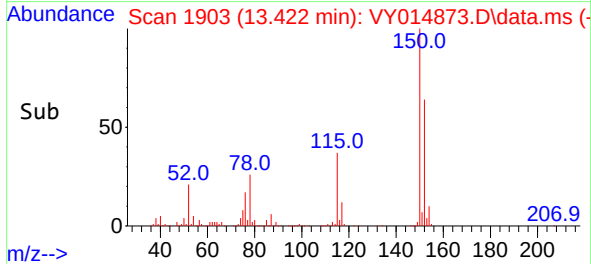


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY014873.D
Acq: 27 Jul 2023 11:33

Instrument :
MSVOA_Y
ClientSampleId :

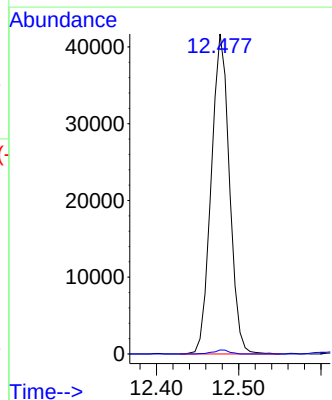
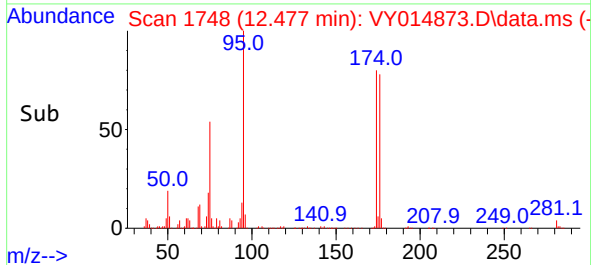
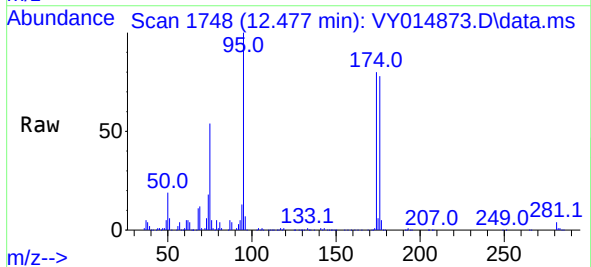


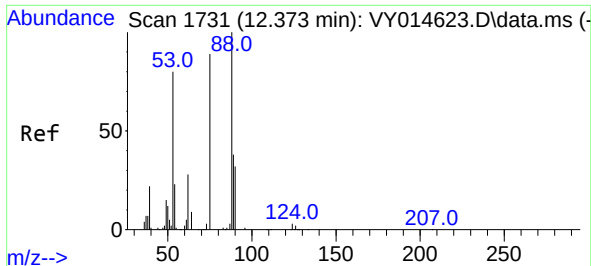
Tgt Ion:152 Resp: 125048
Ion Ratio Lower Upper
152 100
115 59.2 28.8 86.5
150 157.0 0.0 348.8



#76
1,2,3-Trichloropropane
Concen: 40.616 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY014873.D
Acq: 27 Jul 2023 11:33

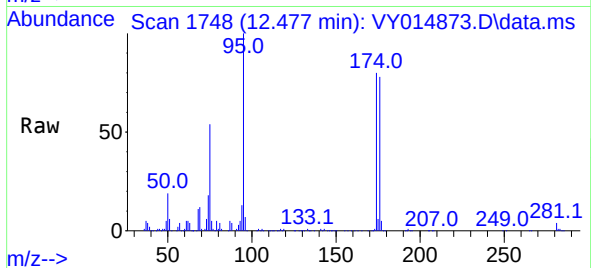
Tgt Ion: 75 Resp: 64145
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.639 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY014873.D
 Acq: 27 Jul 2023 11:33

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 64145
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#

