

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072723\
 Data File : VY014879.D
 Acq On : 27 Jul 2023 13:55
 Operator : SY/MD
 Sample : 03686-14
 Misc : 4.20g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 28 02:37:37 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)

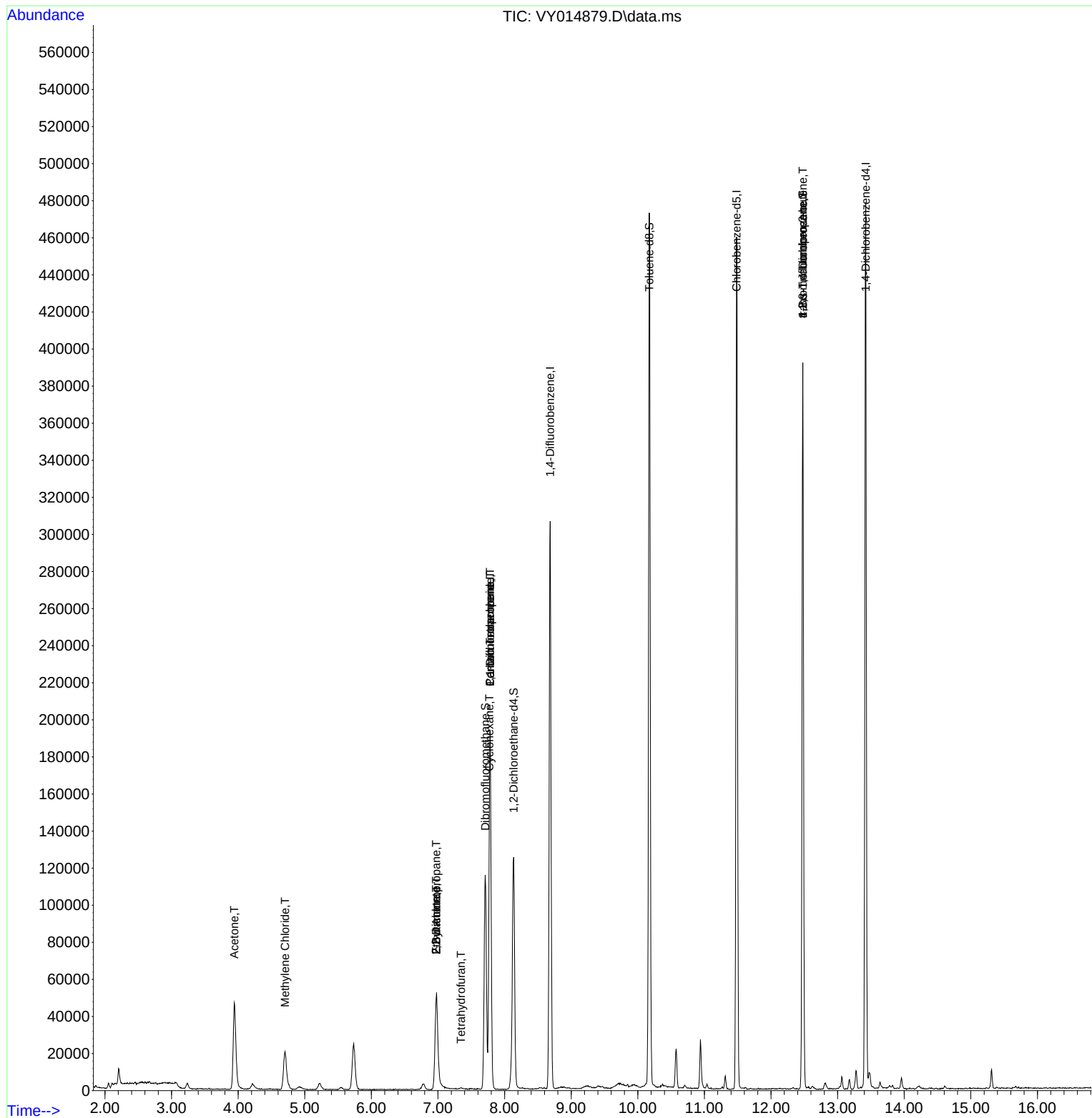
Internal Standards						
1) Pentafluorobenzene	7.783	168	146698	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	258861	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	250827	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	122094	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	95822	57.321	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.640%	
35) Dibromofluoromethane	7.710	113	82759	50.223	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.440%	
50) Toluene-d8	10.173	98	306702	50.484	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.960%	
62) 4-Bromofluorobenzene	12.477	95	114679	49.229	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 98.460%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.899	59	603	Below Cal	#	89
16) Acetone	3.942	43	84604	159.710	ug/l	93
20) Methylene Chloride	4.704	84	15430	5.181	ug/l	92
25) 2-Butanone	6.972	43	3514	4.534	ug/l #	72
26) 2,2-Dichloropropane	6.972	77	3747	1.318	ug/l #	54
29) Tetrahydrofuran	7.344	42	481	1.008	ug/l #	49
31) Cyclohexane	7.771	56	3128	1.127	ug/l #	47
36) 1,1-Dichloropropene	7.783	75	12155	4.932	ug/l #	50
37) Ethyl Acetate	6.972	43	3514	2.071	ug/l #	2
38) Carbon Tetrachloride	7.783	117	14815	5.687	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	61686	40.004	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	61686	77.454	ug/l #	10

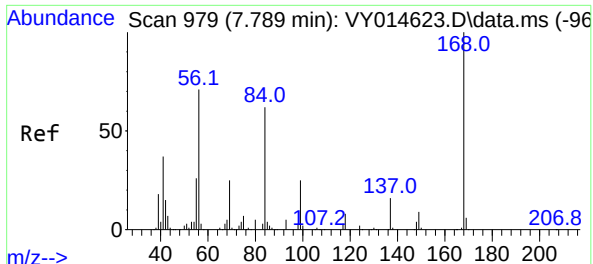
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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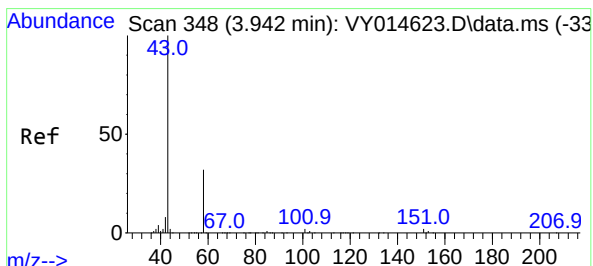
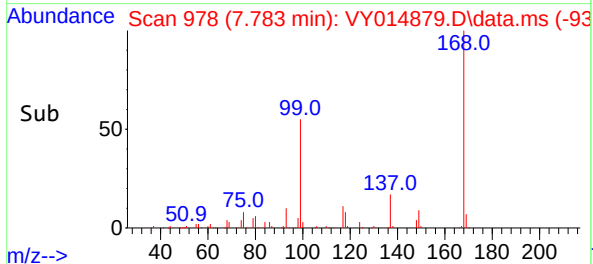
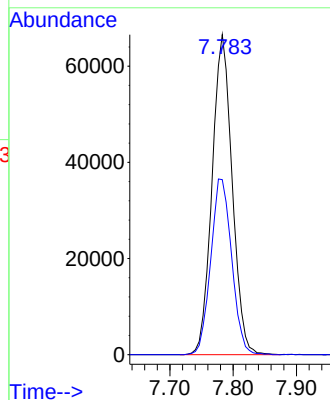
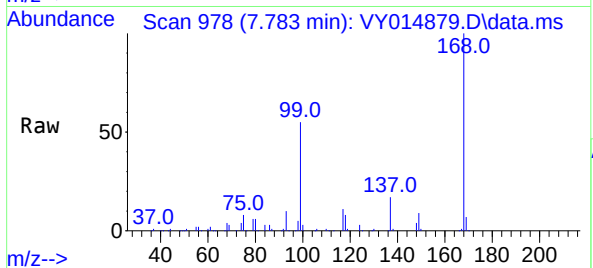




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014879.D
Acq: 27 Jul 2023 13:55

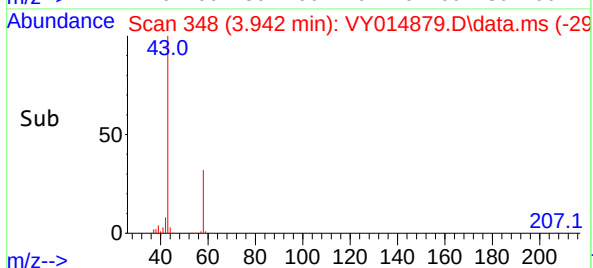
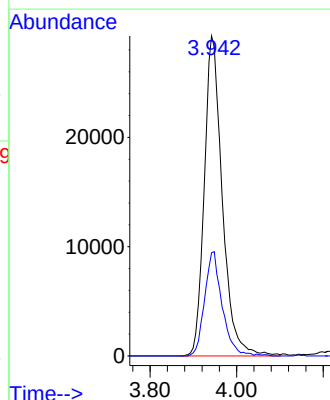
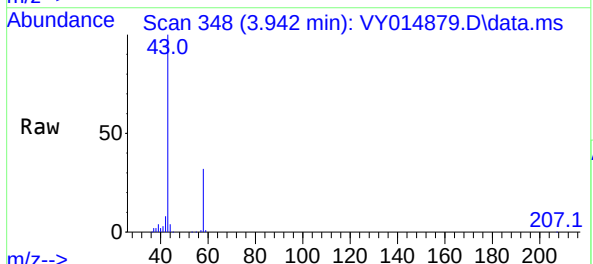
Instrument :
MSVOA_Y
ClientSampleId :

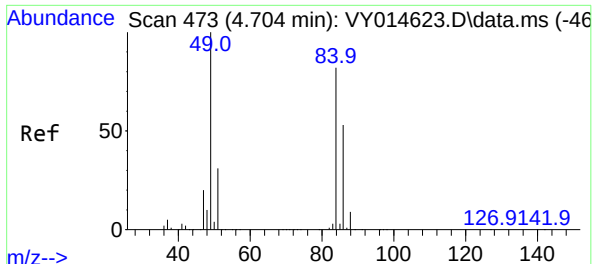
Tgt Ion:168 Resp: 146698
Ion Ratio Lower Upper
168 100
99 54.7 43.4 65.0



#16
Acetone
Concen: 159.710 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY014879.D
Acq: 27 Jul 2023 13:55

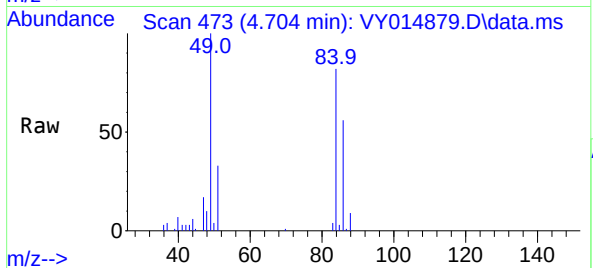
Tgt Ion: 43 Resp: 84604
Ion Ratio Lower Upper
43 100
58 32.2 22.7 34.1





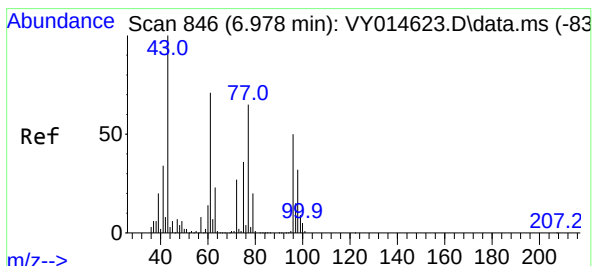
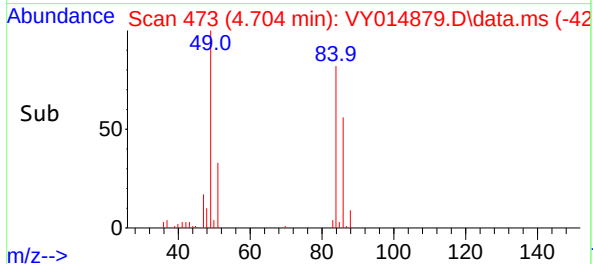
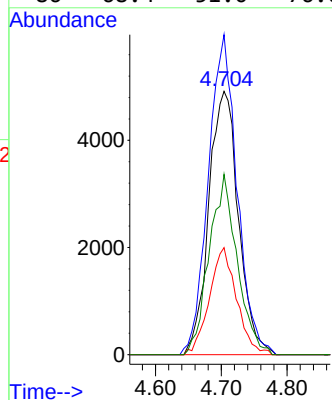
#20
Methylene Chloride
Concen: 5.181 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY014879.D
Acq: 27 Jul 2023 13:55

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 15430

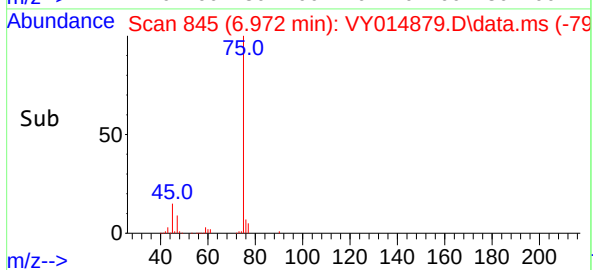
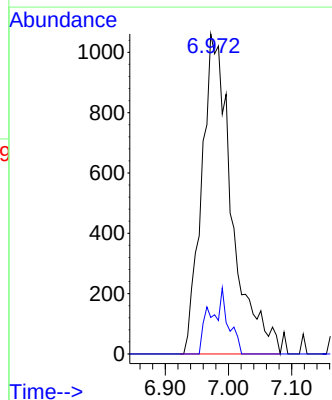
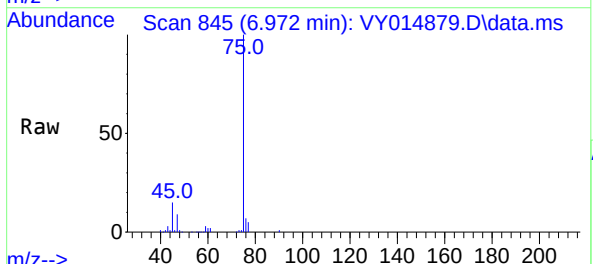
Ion	Ratio	Lower	Upper
84	100		
49	121.5	106.9	160.3
51	40.7	33.2	49.8
86	68.4	51.0	76.6

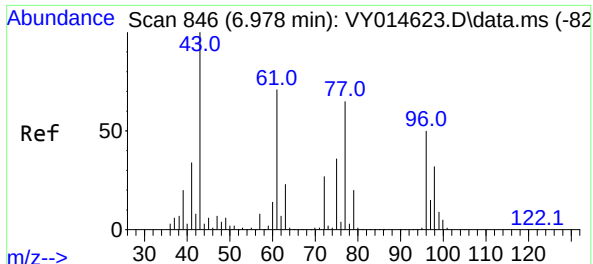


#25
2-Butanone
Concen: 4.534 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY014879.D
Acq: 27 Jul 2023 13:55

Tgt Ion: 43 Resp: 3514

Ion	Ratio	Lower	Upper
43	100		
72	11.4	20.5	30.7#





#26

2,2-Dichloropropane

Concen: 1.318 ug/l

RT: 6.972 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY014879.D

Acq: 27 Jul 2023 13:55

Instrument :

MSVOA_Y

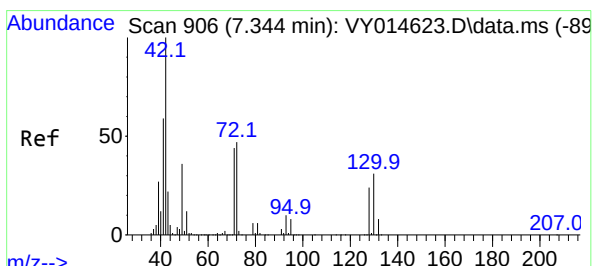
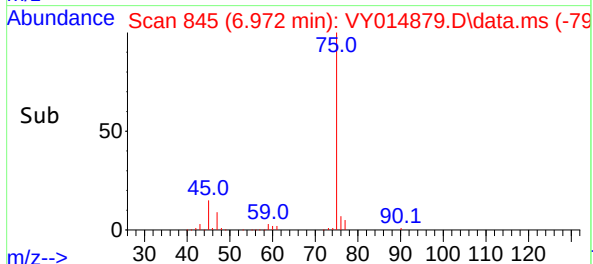
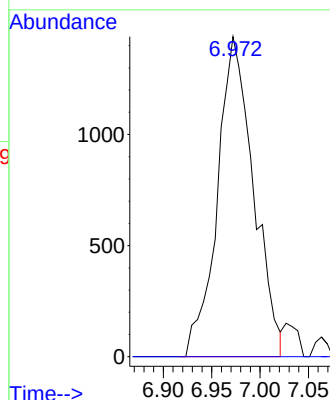
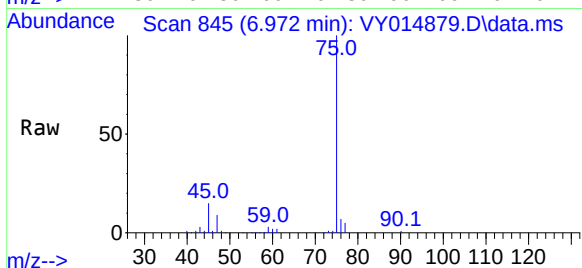
ClientSampleId :

Tgt Ion: 77 Resp: 3747

Ion Ratio Lower Upper

77 100

97 0.0 10.9 32.9#



#29

Tetrahydrofuran

Concen: 1.008 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY014879.D

Acq: 27 Jul 2023 13:55

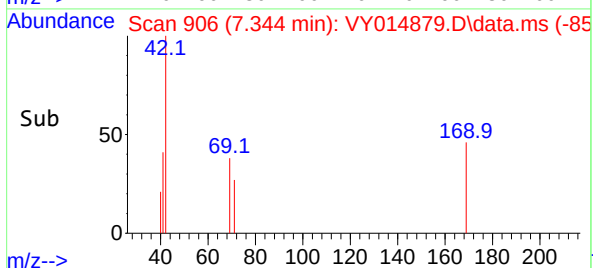
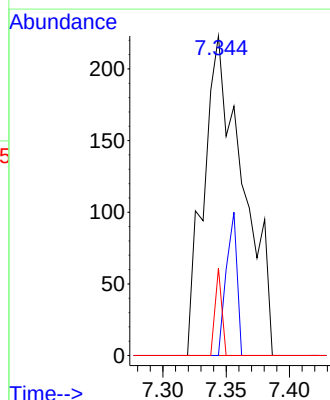
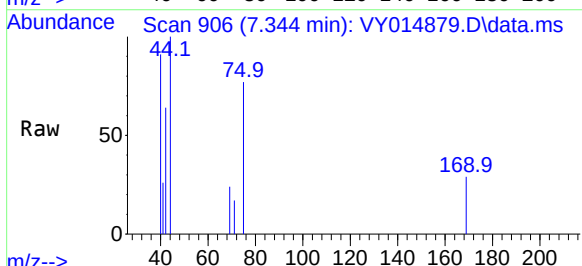
Tgt Ion: 42 Resp: 481

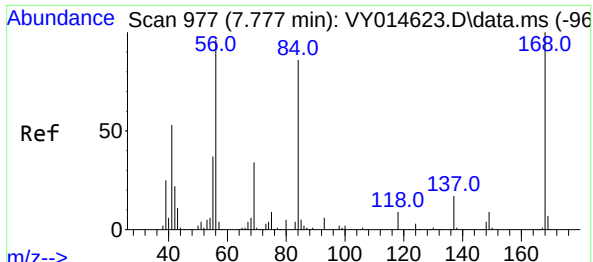
Ion Ratio Lower Upper

42 100

72 12.3 32.8 49.2#

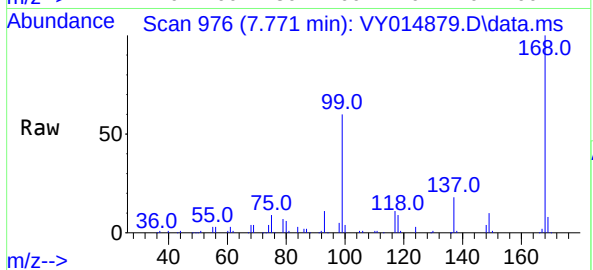
71 4.6 31.0 46.4#



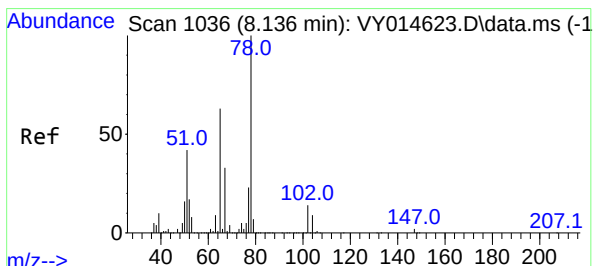
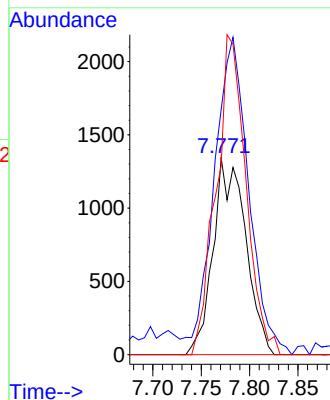
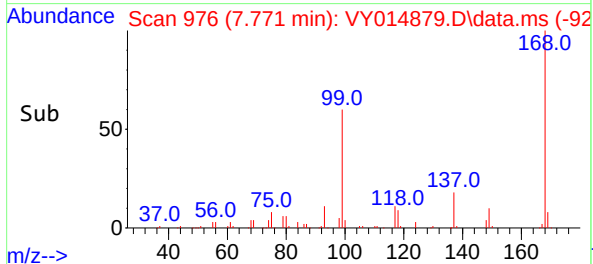


#31
Cyclohexane
Concen: 1.127 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014879.D
Acq: 27 Jul 2023 13:55

Instrument :
MSVOA_Y
ClientSampleId :

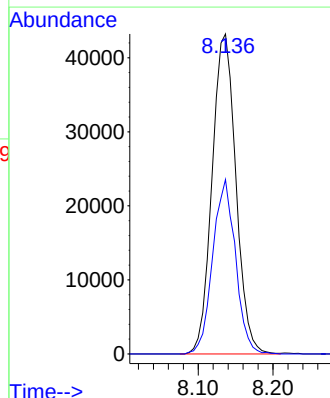
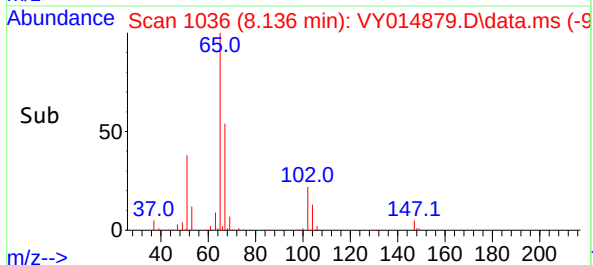
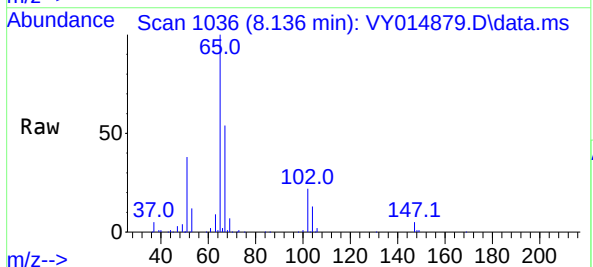


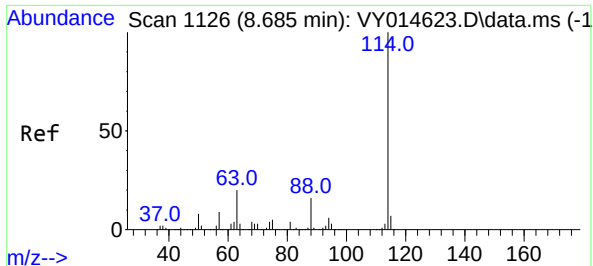
Tgt Ion: 56 Resp: 3128
Ion Ratio Lower Upper
56 100
69 118.9 27.8 41.6#
84 95.8 66.4 99.6



#33
1,2-Dichloroethane-d4
Concen: 57.321 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY014879.D
Acq: 27 Jul 2023 13:55

Tgt Ion: 65 Resp: 95822
Ion Ratio Lower Upper
65 100
67 52.1 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: VY014879.D

Acq: 27 Jul 2023 13:55

Instrument :

MSVOA_Y

ClientSampleId :

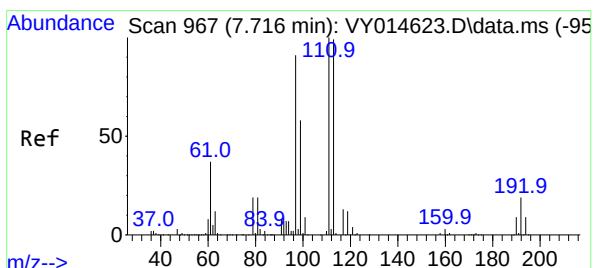
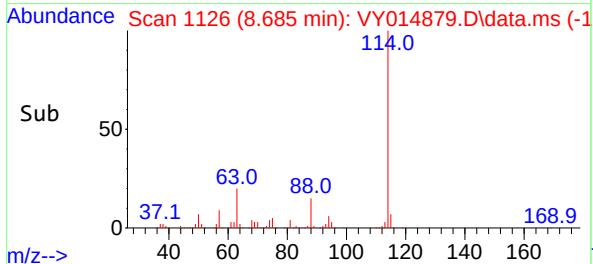
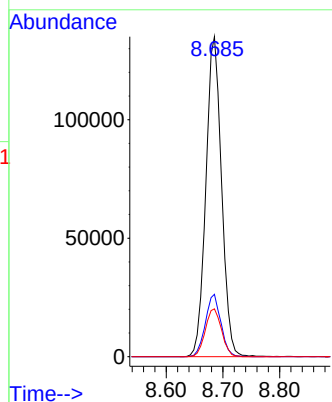
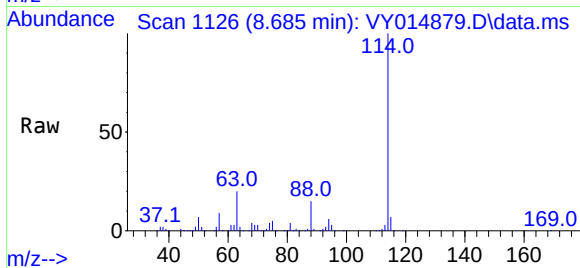
Tgt Ion:114 Resp: 258861

Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.4

88 15.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.223 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY014879.D

Acq: 27 Jul 2023 13:55

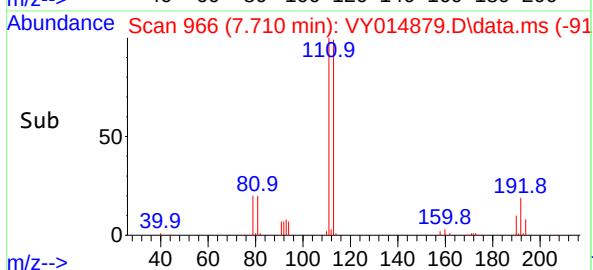
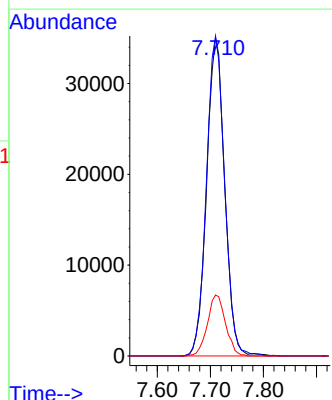
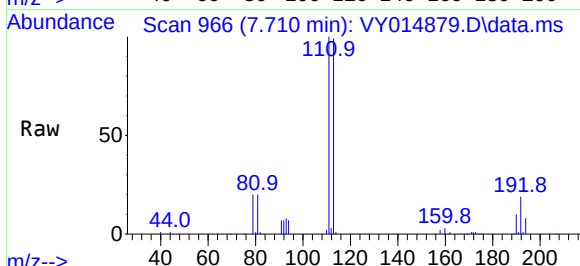
Tgt Ion:113 Resp: 82759

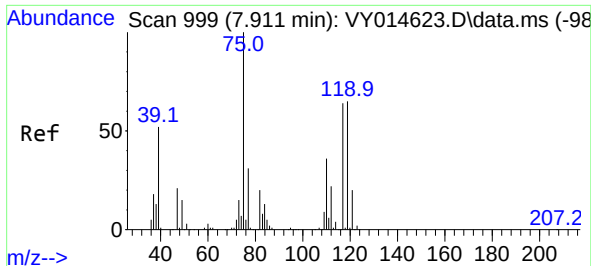
Ion Ratio Lower Upper

113 100

111 101.4 81.3 121.9

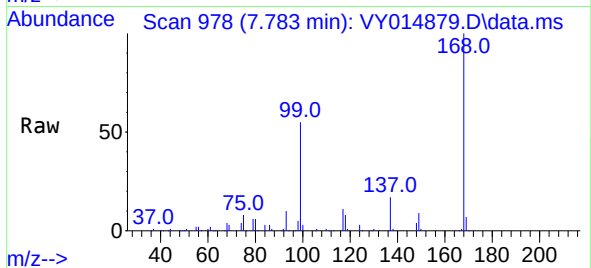
192 19.3 16.9 25.3



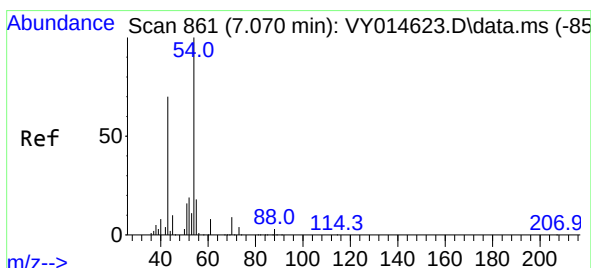
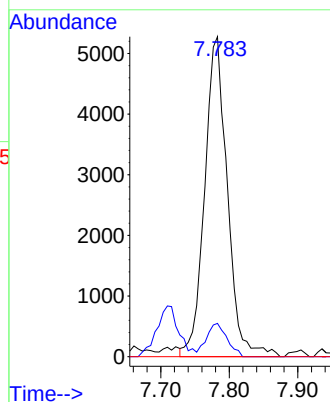
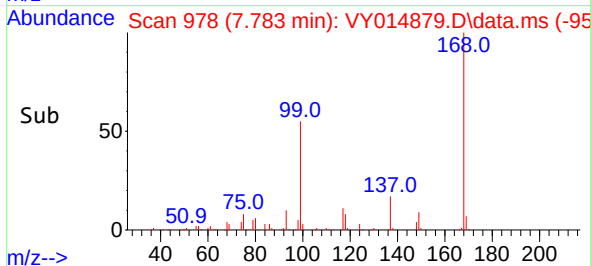


#36
1,1-Dichloropropene
Concen: 4.932 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY014879.D
Acq: 27 Jul 2023 13:55

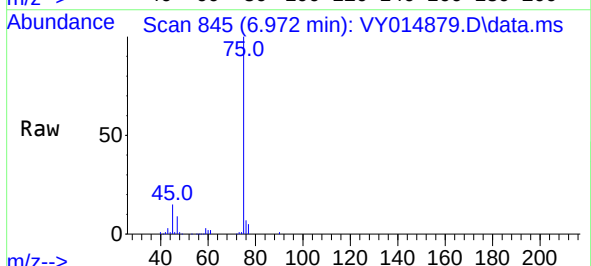
Instrument :
MSVOA_Y
ClientSampleId :



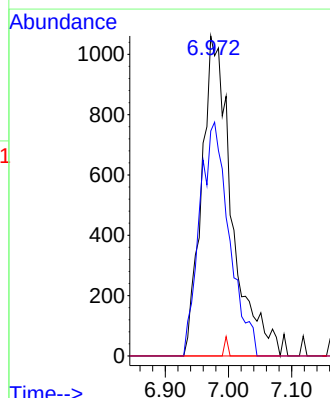
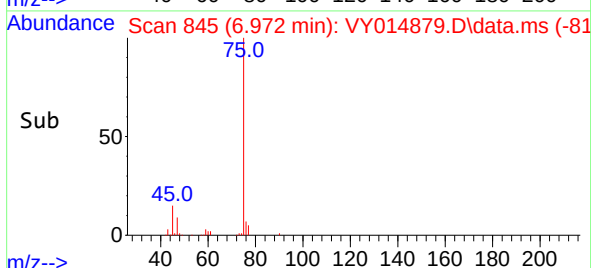
Tgt Ion: 75 Resp: 12155
Ion Ratio Lower Upper
75 100
110 9.3 17.8 53.5#
77 0.0 24.4 36.6#

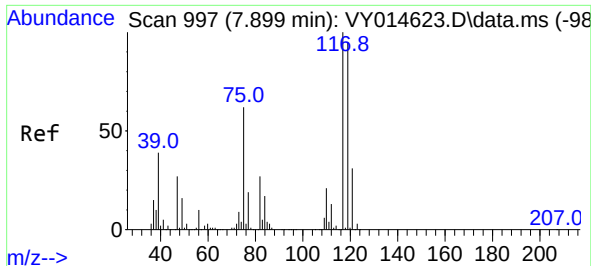


#37
Ethyl Acetate
Concen: 2.071 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.098 min
Lab File: VY014879.D
Acq: 27 Jul 2023 13:55



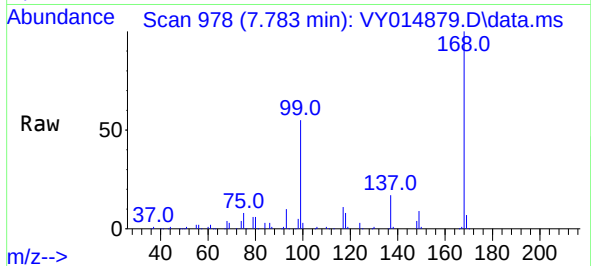
Tgt Ion: 43 Resp: 3514
Ion Ratio Lower Upper
43 100
61 71.8 10.1 15.1#
70 0.0 7.1 10.7#



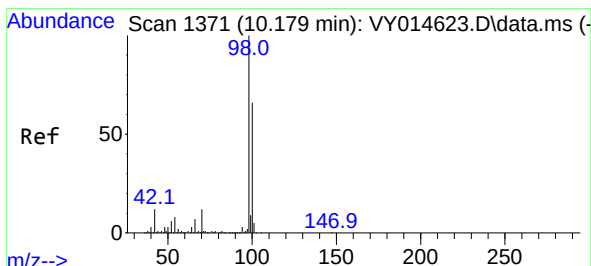
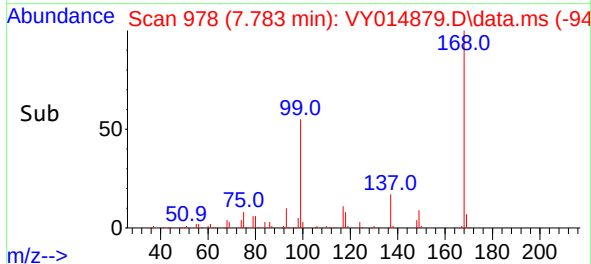
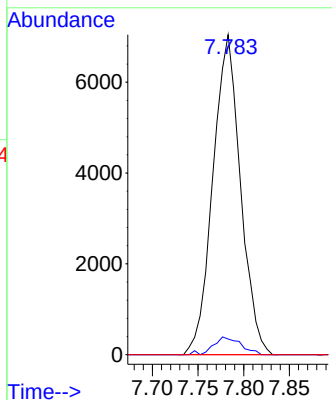


#38
Carbon Tetrachloride
Concen: 5.687 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY014879.D
Acq: 27 Jul 2023 13:55

Instrument :
MSVOA_Y
ClientSampleId :

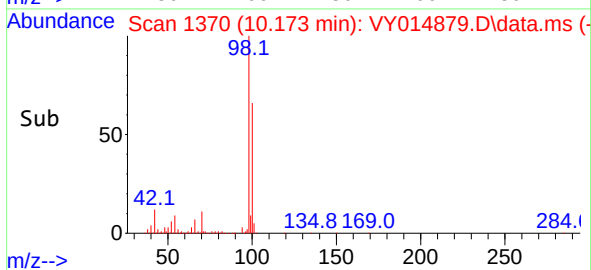
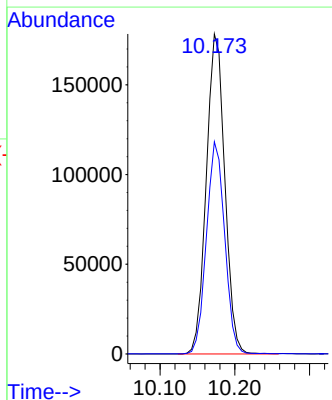
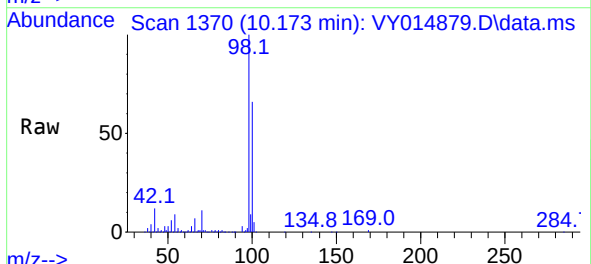


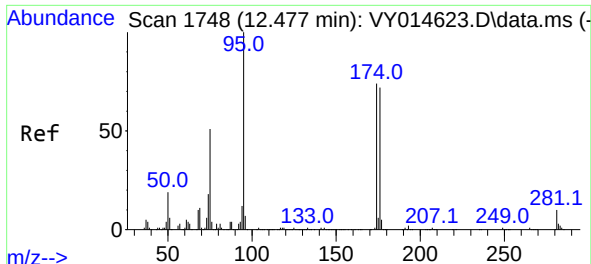
Tgt Ion:117 Resp: 14815
Ion Ratio Lower Upper
117 100
119 4.9 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 50.484 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY014879.D
Acq: 27 Jul 2023 13:55

Tgt Ion: 98 Resp: 306702
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1

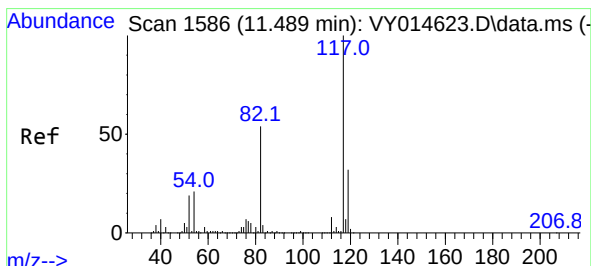
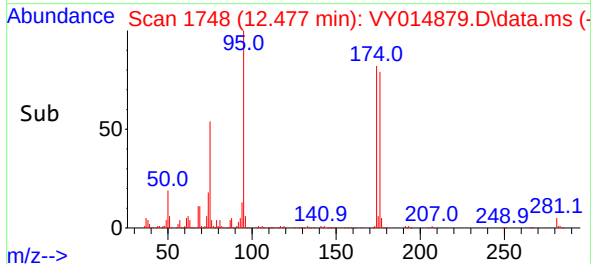
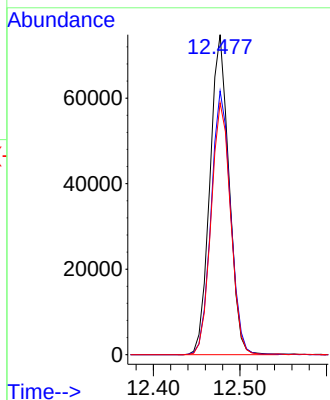
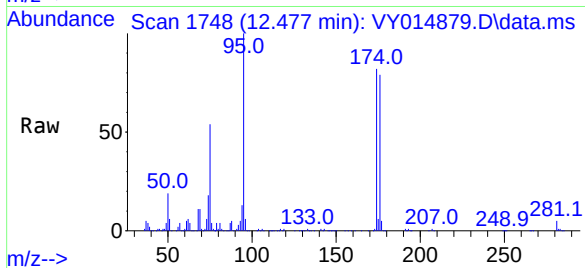




#62
4-Bromofluorobenzene
Concen: 49.229 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014879.D
Acq: 27 Jul 2023 13:55

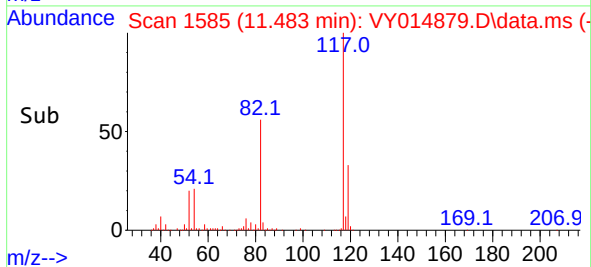
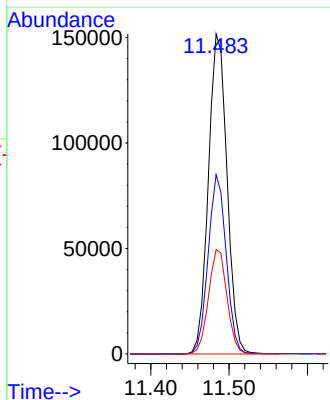
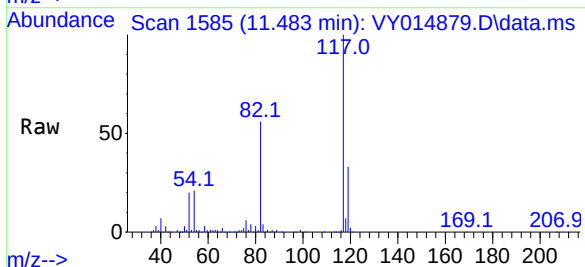
Instrument :
MSVOA_Y
ClientSampleId :

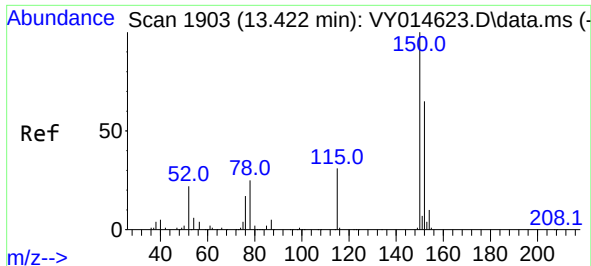
Tgt Ion: 95 Resp: 114679
Ion Ratio Lower Upper
95 100
174 83.8 0.0 178.2
176 80.1 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY014879.D
Acq: 27 Jul 2023 13:55

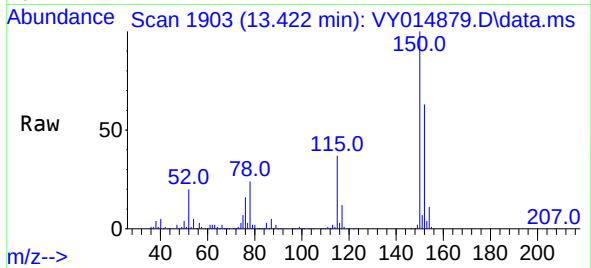
Tgt Ion: 117 Resp: 250827
Ion Ratio Lower Upper
117 100
82 56.0 43.4 65.0
119 32.6 26.3 39.5



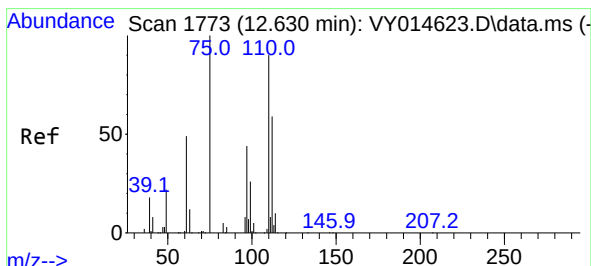
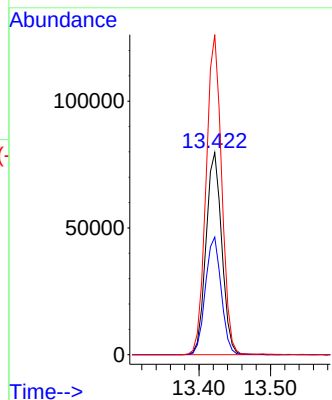
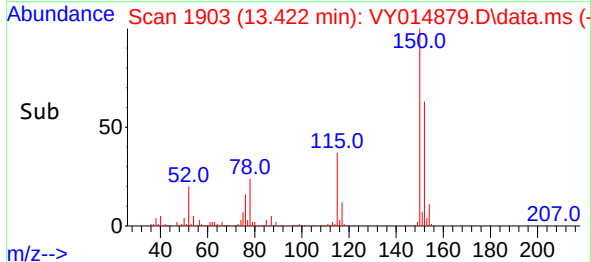


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY014879.D
Acq: 27 Jul 2023 13:55

Instrument :
MSVOA_Y
ClientSampleId :

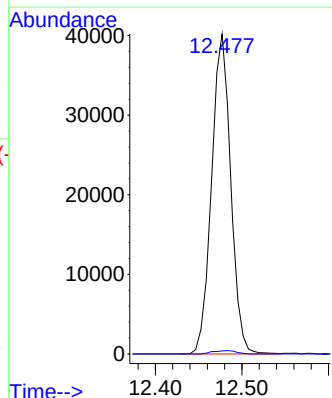
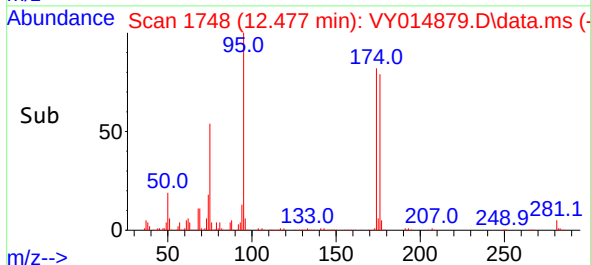
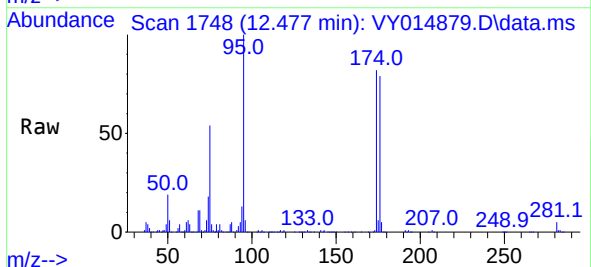


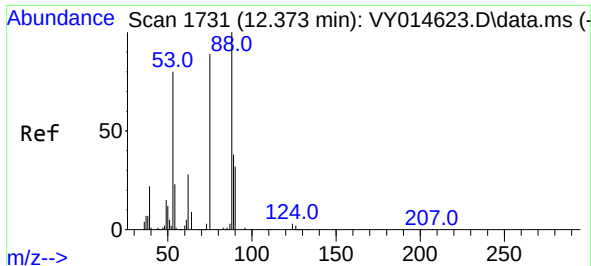
Tgt Ion:152 Resp: 122094
Ion Ratio Lower Upper
152 100
115 58.5 28.8 86.5
150 156.4 0.0 348.8



#76
1,2,3-Trichloropropane
Concen: 40.004 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY014879.D
Acq: 27 Jul 2023 13:55

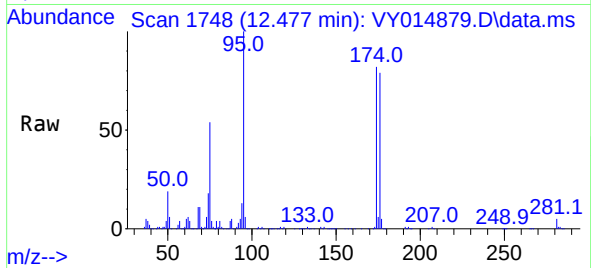
Tgt Ion: 75 Resp: 61686
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.454 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY014879.D
 Acq: 27 Jul 2023 13:55

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 61686
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#

