

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072623\
 Data File : VY014865.D
 Acq On : 26 Jul 2023 21:23
 Operator : SY/MD
 Sample : 03740-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 27 01:14:39 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)

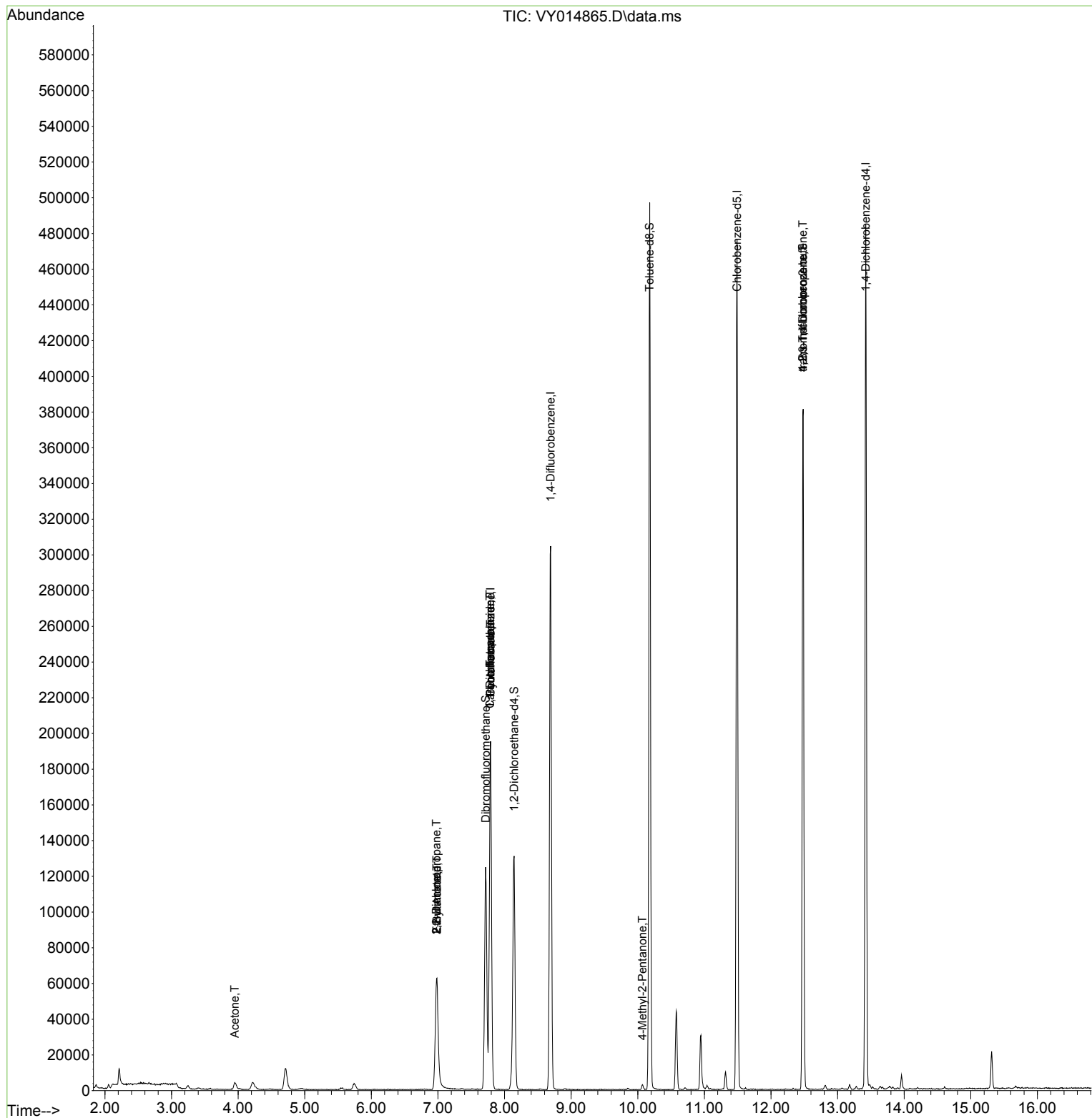
Internal Standards						
1) Pentafluorobenzene	7.789	168	150649	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	266345	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	258174	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	119059	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	99338	57.866	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.740%
35) Dibromofluoromethane	7.716	113	85757	50.580	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.160%
50) Toluene-d8	10.179	98	317392	50.775	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.560%
62) 4-Bromofluorobenzene	12.477	95	117527	49.034	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.060%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	1168	Below Cal	#	89
16) Acetone	3.948	43	7095	13.042	ug/l	98
25) 2-Butanone	6.984	43	4041	5.077	ug/l #	79
26) 2,2-Dichloropropane	6.978	77	5001	1.712	ug/l #	54
31) Cyclohexane	7.789	56	3247	1.139	ug/l #	44
36) 1,1-Dichloropropene	7.783	75	11783	4.647	ug/l #	51
37) Ethyl Acetate	6.984	43	4041	2.315	ug/l #	1
38) Carbon Tetrachloride	7.783	117	15441	5.761	ug/l #	16
51) 4-Methyl-2-Pentanone	10.069	43	2025	1.160	ug/l	97
76) 1,2,3-Trichloropropane	12.477	75	62590	41.624	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	62590	80.592	ug/l #	11

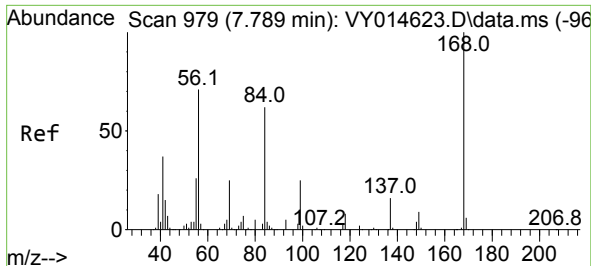
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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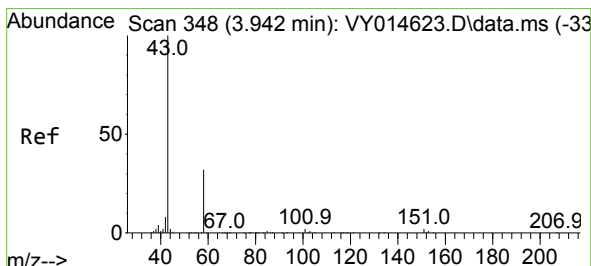
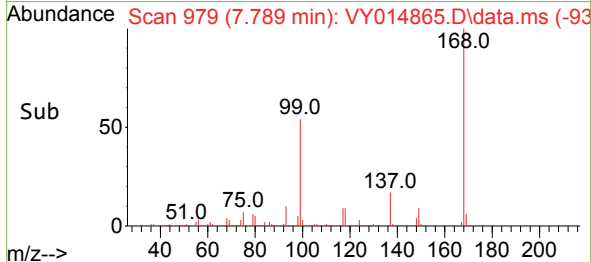
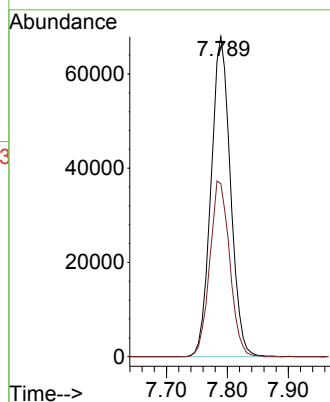
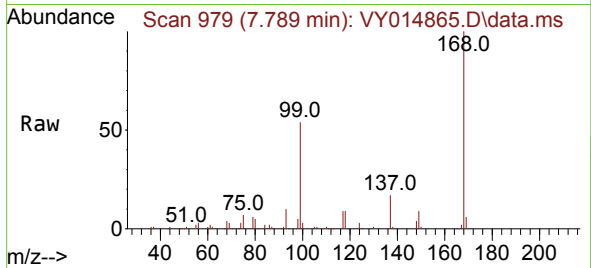




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014865.D
Acq: 26 Jul 2023 21:23

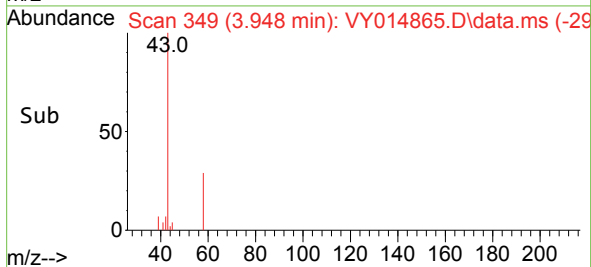
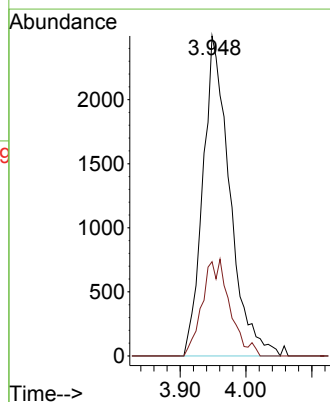
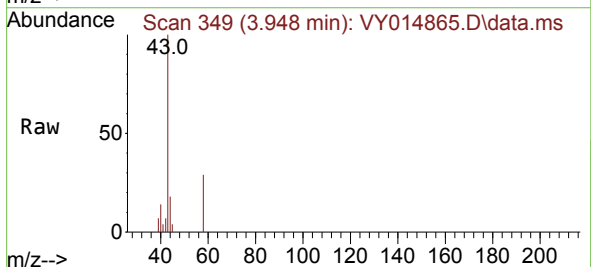
Instrument :
MSVOA_Y
ClientSampleId :

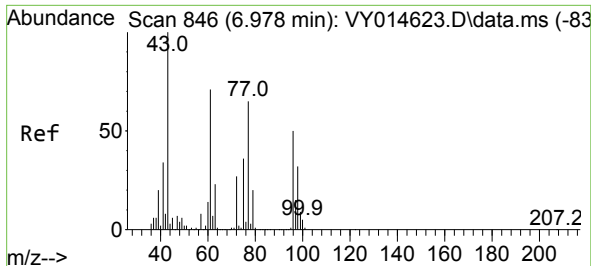
Tgt Ion:168 Resp: 150649
Ion Ratio Lower Upper
168 100
99 54.0 43.4 65.0



#16
Acetone
Concen: 13.042 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY014865.D
Acq: 26 Jul 2023 21:23

Tgt Ion: 43 Resp: 7095
Ion Ratio Lower Upper
43 100
58 29.4 22.7 34.1

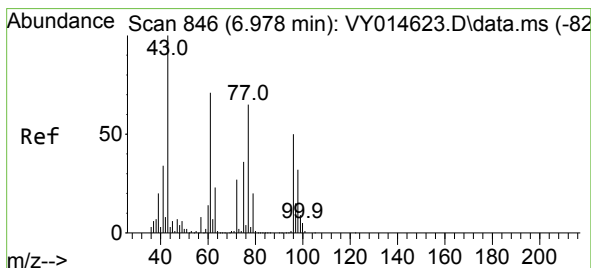
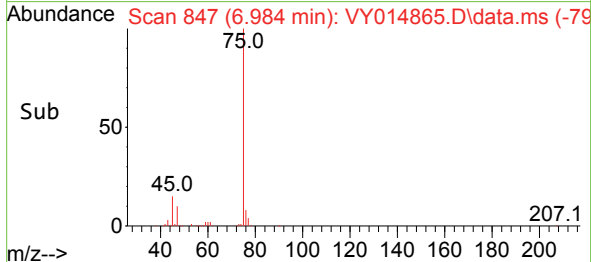
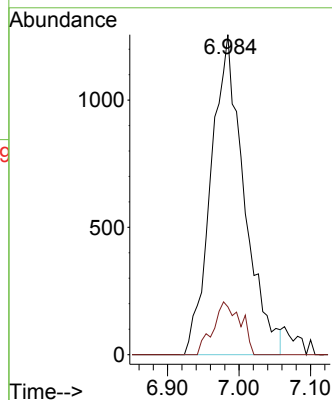
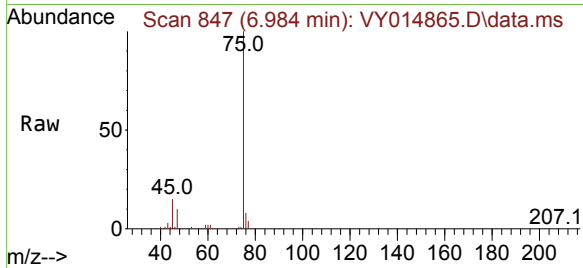




#25
2-Butanone
Concen: 5.077 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY014865.D
Acq: 26 Jul 2023 21:23

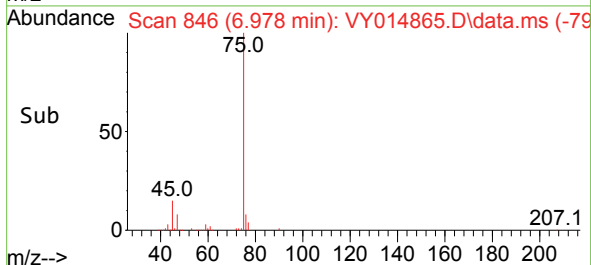
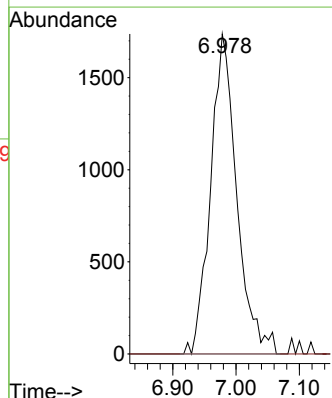
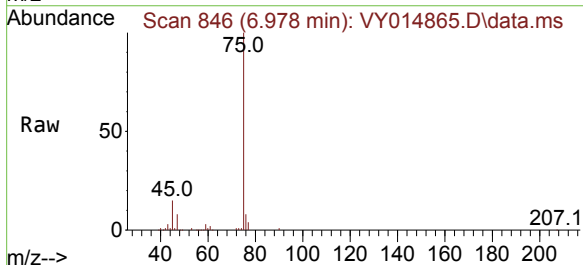
Instrument :
MSVOA_Y
ClientSampleId :

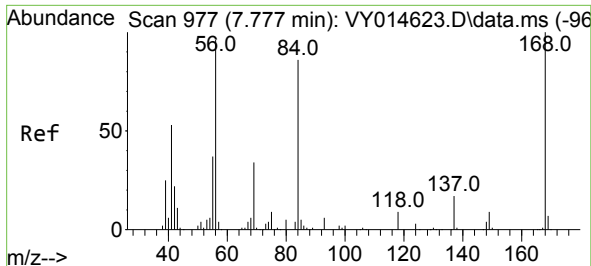
Tgt Ion: 43 Resp: 4041
Ion Ratio Lower Upper
43 100
72 15.0 20.5 30.7#



#26
2,2-Dichloropropane
Concen: 1.712 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY014865.D
Acq: 26 Jul 2023 21:23

Tgt Ion: 77 Resp: 5001
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#

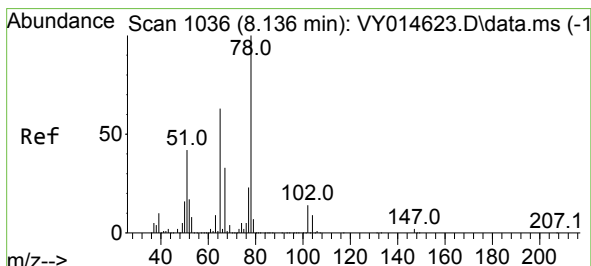
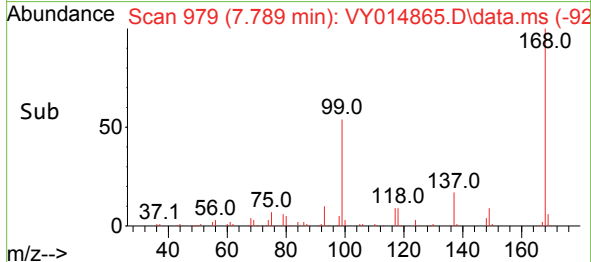
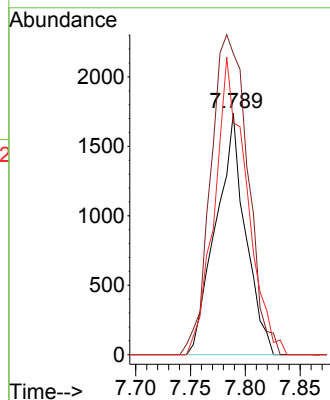
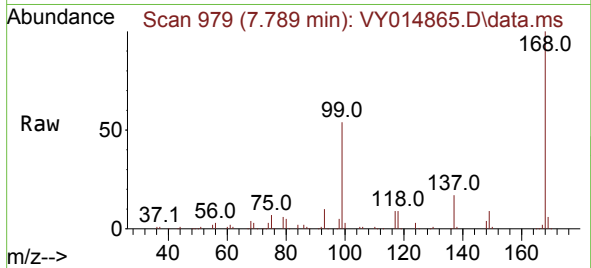




#31
Cyclohexane
Concen: 1.139 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014865.D
Acq: 26 Jul 2023 21:23

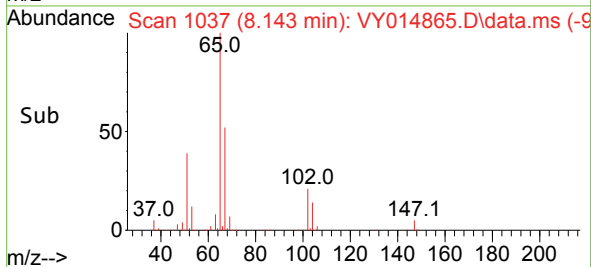
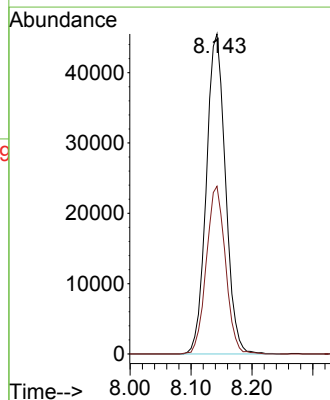
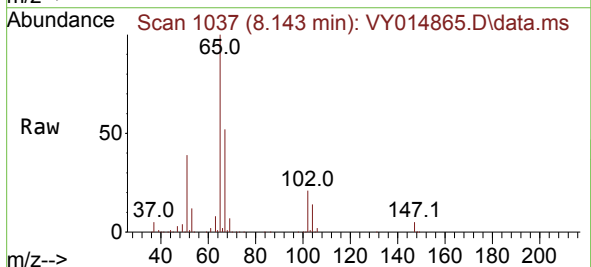
Instrument :
MSVOA_Y
ClientSampleId :

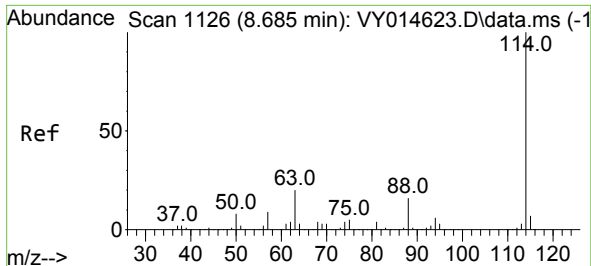
Tgt Ion: 56 Resp: 3247
Ion Ratio Lower Upper
56 100
69 124.7 27.8 41.6#
84 96.1 66.4 99.6



#33
1,2-Dichloroethane-d4
Concen: 57.866 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY014865.D
Acq: 26 Jul 2023 21:23

Tgt Ion: 65 Resp: 99338
Ion Ratio Lower Upper
65 100
67 52.4 0.0 101.8

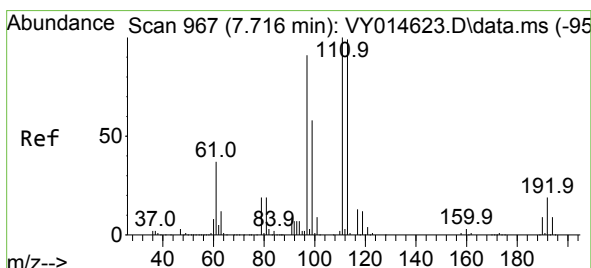
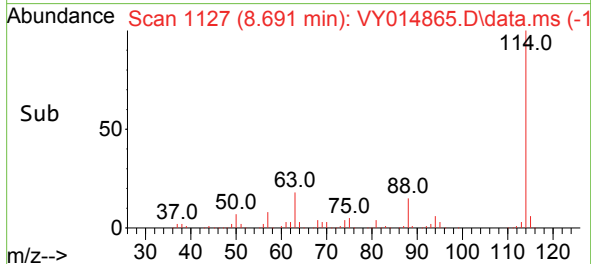
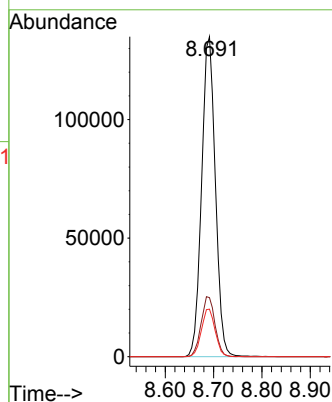
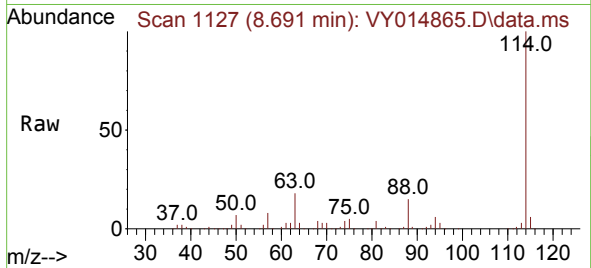




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY014865.D
Acq: 26 Jul 2023 21:23

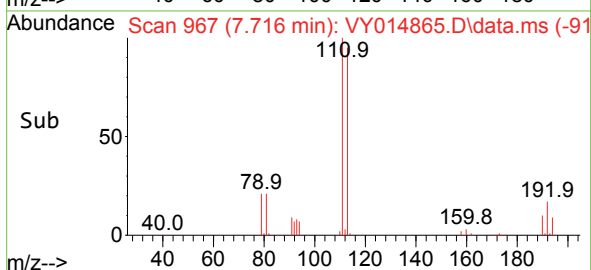
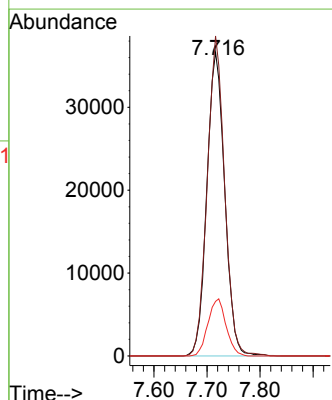
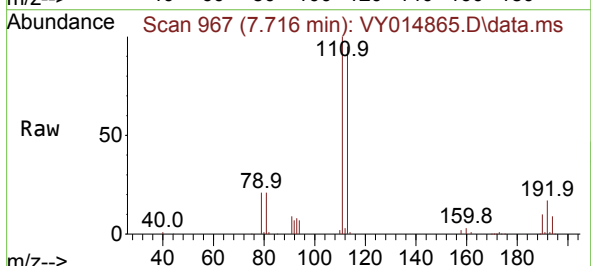
Instrument :
MSVOA_Y
ClientSampleId :

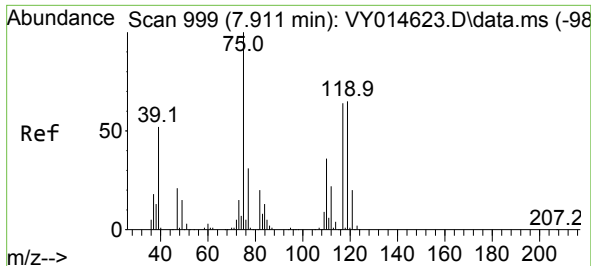
Tgt Ion:114 Resp: 266345
Ion Ratio Lower Upper
114 100
63 18.5 0.0 42.4
88 14.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.580 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014865.D
Acq: 26 Jul 2023 21:23

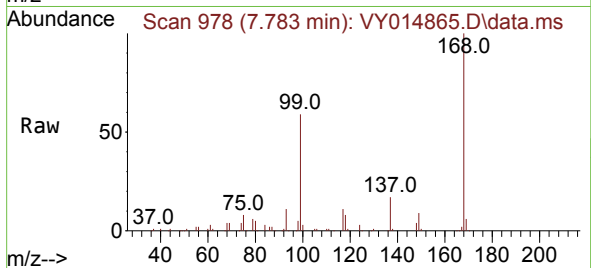
Tgt Ion:113 Resp: 85757
Ion Ratio Lower Upper
113 100
111 102.7 81.3 121.9
192 19.1 16.9 25.3



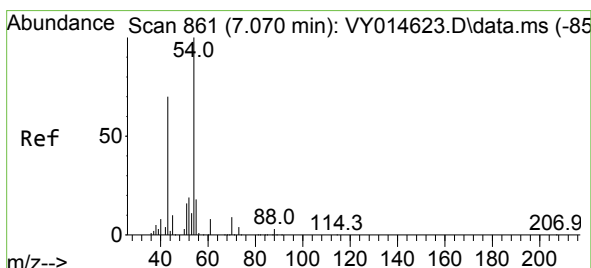
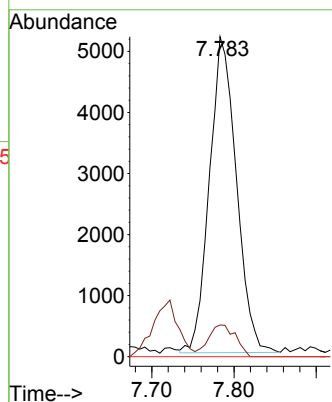
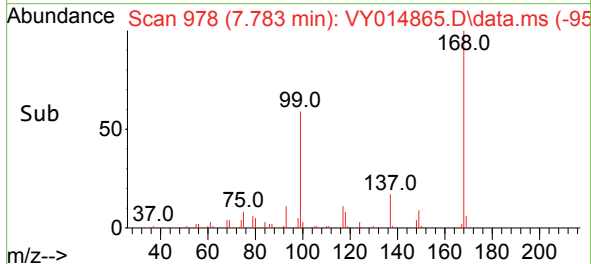


#36
1,1-Dichloropropene
Concen: 4.647 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY014865.D
Acq: 26 Jul 2023 21:23

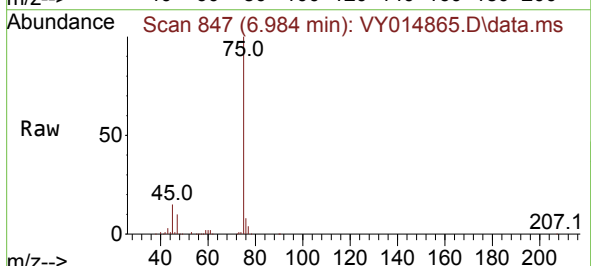
Instrument :
MSVOA_Y
ClientSampleId :



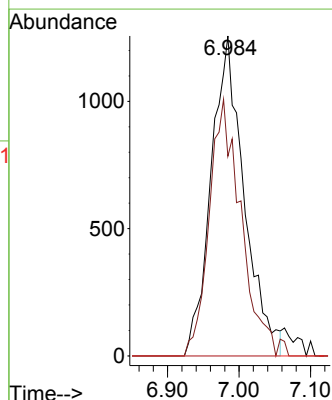
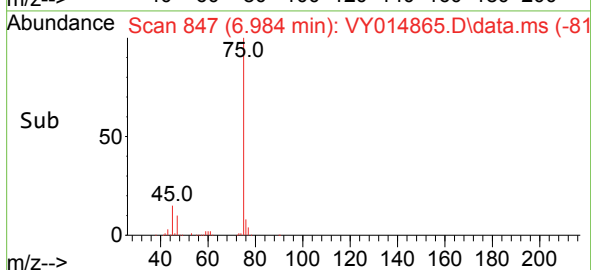
Tgt Ion: 75 Resp: 11783
Ion Ratio Lower Upper
75 100
110 10.1 17.8 53.5#
77 0.0 24.4 36.6#

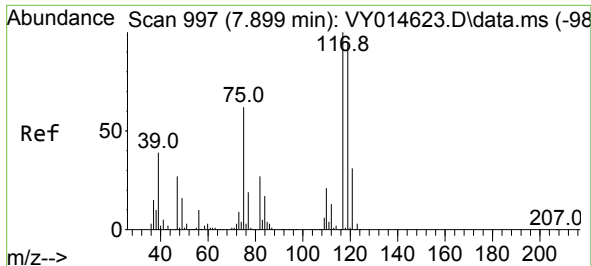


#37
Ethyl Acetate
Concen: 2.315 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.086 min
Lab File: VY014865.D
Acq: 26 Jul 2023 21:23



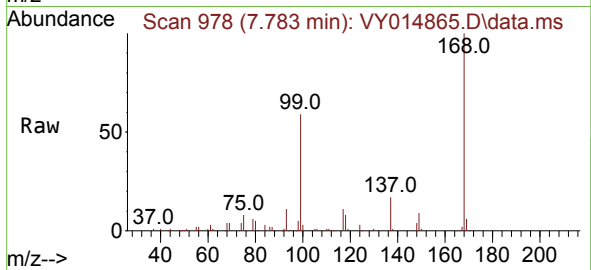
Tgt Ion: 43 Resp: 4041
Ion Ratio Lower Upper
43 100
61 76.5 10.1 15.1#
70 0.0 7.1 10.7#



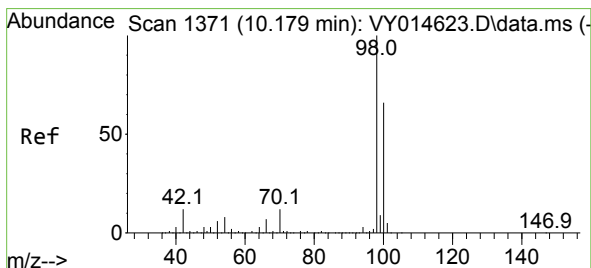
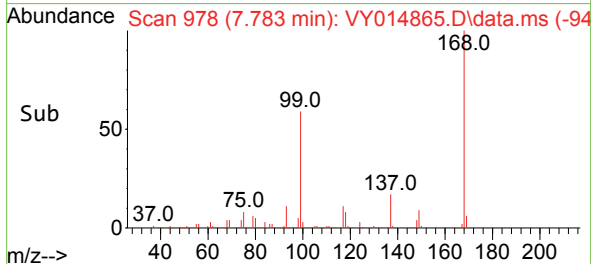
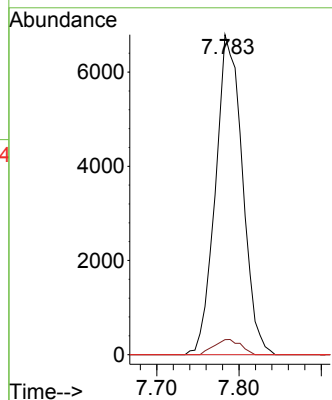


#38
Carbon Tetrachloride
Concen: 5.761 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY014865.D
Acq: 26 Jul 2023 21:23

Instrument :
MSVOA_Y
ClientSampleId :

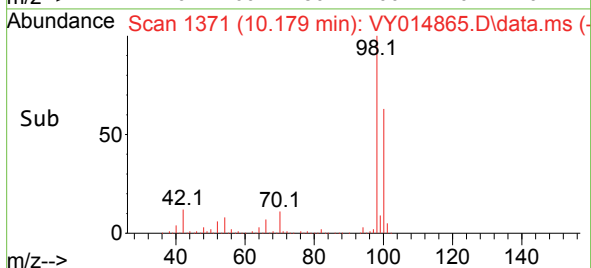
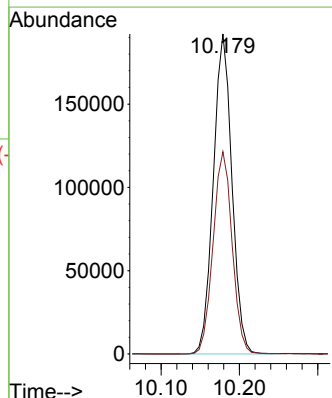
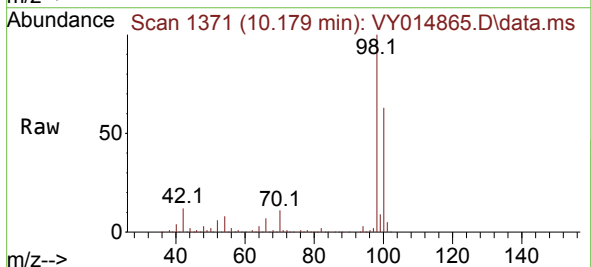


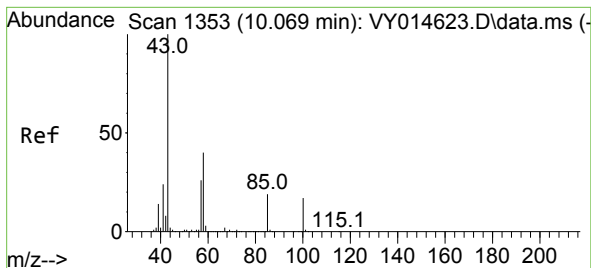
Tgt Ion:117 Resp: 15441
Ion Ratio Lower Upper
117 100
119 4.7 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 50.775 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014865.D
Acq: 26 Jul 2023 21:23

Tgt Ion: 98 Resp: 317392
Ion Ratio Lower Upper
98 100
100 64.8 50.1 75.1

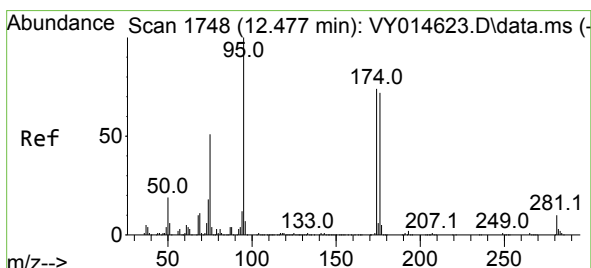
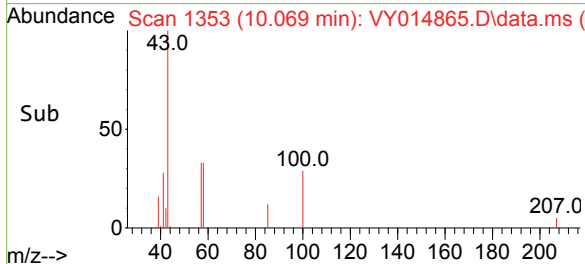
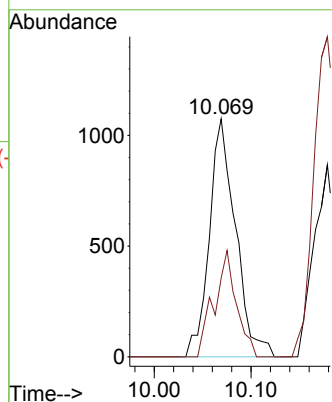
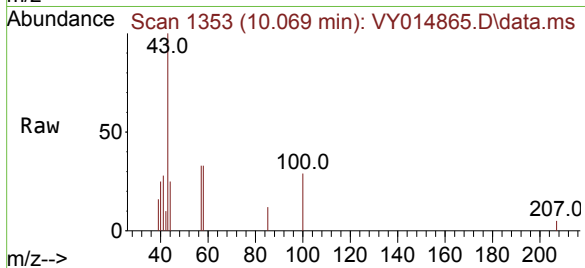




#51
4-Methyl-2-Pentanone
Concen: 1.160 ug/l
RT: 10.069 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014865.D
Acq: 26 Jul 2023 21:23

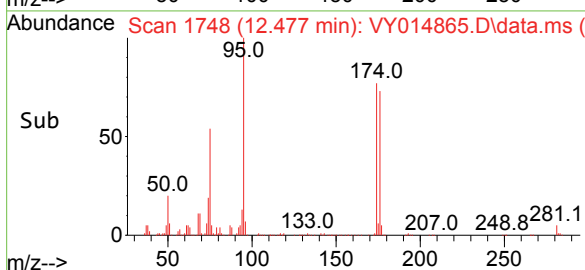
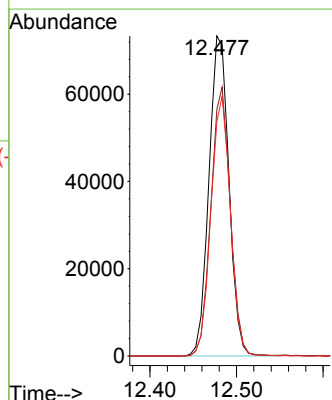
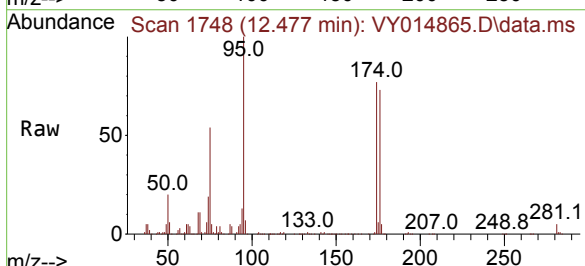
Instrument :
MSVOA_Y
ClientSampleId :

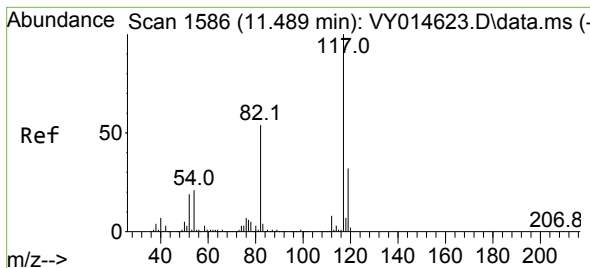
Tgt Ion: 43 Resp: 2025
Ion Ratio Lower Upper
43 100
58 37.9 29.0 43.6



#62
4-Bromofluorobenzene
Concen: 49.034 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014865.D
Acq: 26 Jul 2023 21:23

Tgt Ion: 95 Resp: 117527
Ion Ratio Lower Upper
95 100
174 81.5 0.0 178.2
176 79.1 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

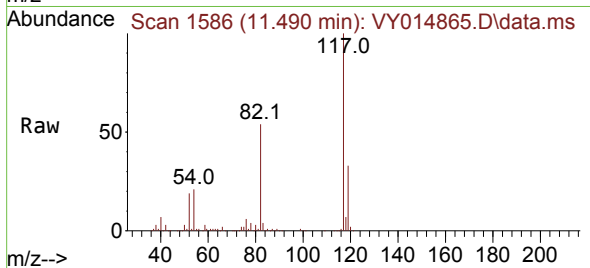
Lab File: VY014865.D

Acq: 26 Jul 2023 21:23

Instrument :

MSVOA_Y

ClientSampleId :



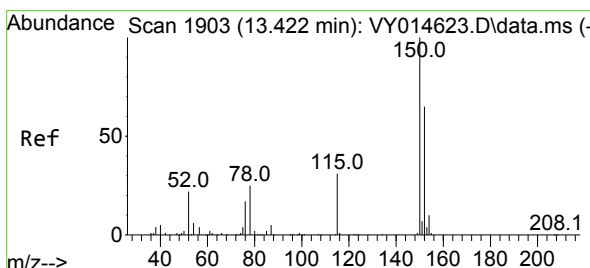
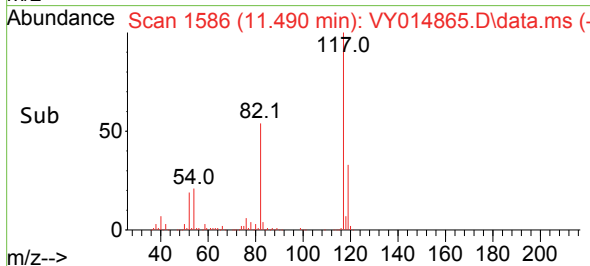
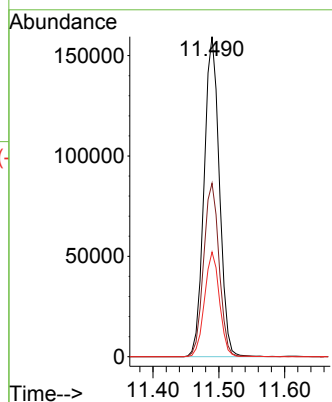
Tgt Ion:117 Resp: 258174

Ion Ratio Lower Upper

117 100

82 54.2 43.4 65.0

119 32.7 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: VY014865.D

Acq: 26 Jul 2023 21:23

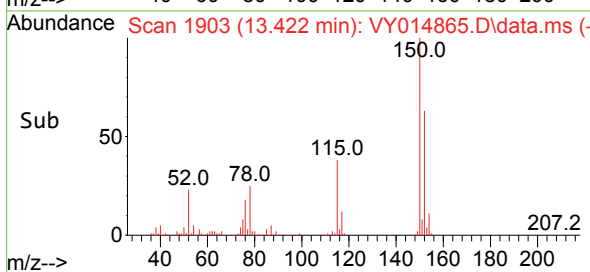
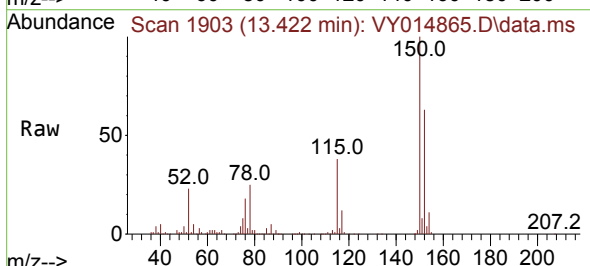
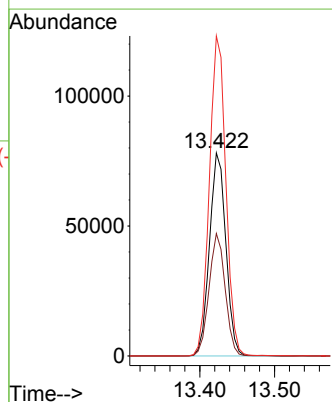
Tgt Ion:152 Resp: 119059

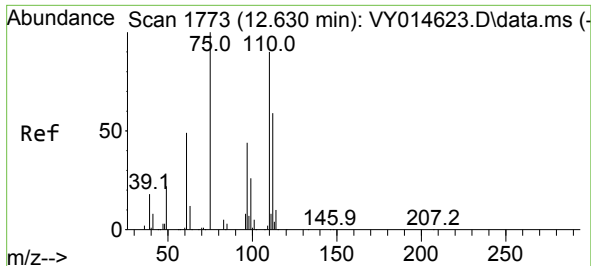
Ion Ratio Lower Upper

152 100

115 59.4 28.8 86.5

150 158.1 0.0 348.8

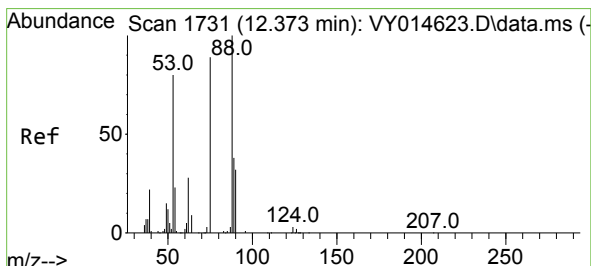
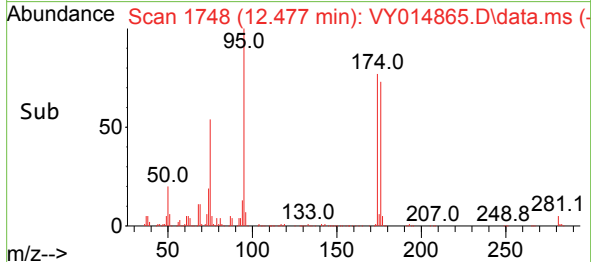
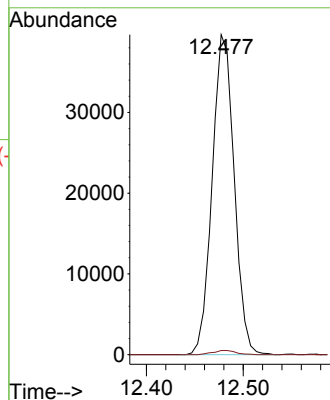
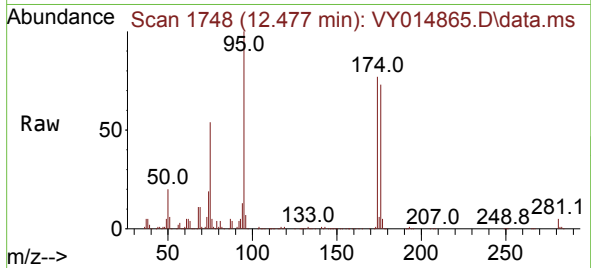




#76
1,2,3-Trichloropropane
Concen: 41.624 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY014865.D
Acq: 26 Jul 2023 21:23

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 62590
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.592 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY014865.D
Acq: 26 Jul 2023 21:23

Tgt Ion: 75 Resp: 62590
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.1 37.4 56.0#

