

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060623\
 Data File : VY014024.D
 Acq On : 06 Jun 2023 12:42
 Operator : KP/MD
 Sample : VY0606SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0606SBL01

Quant Time: Jun 07 01:35:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

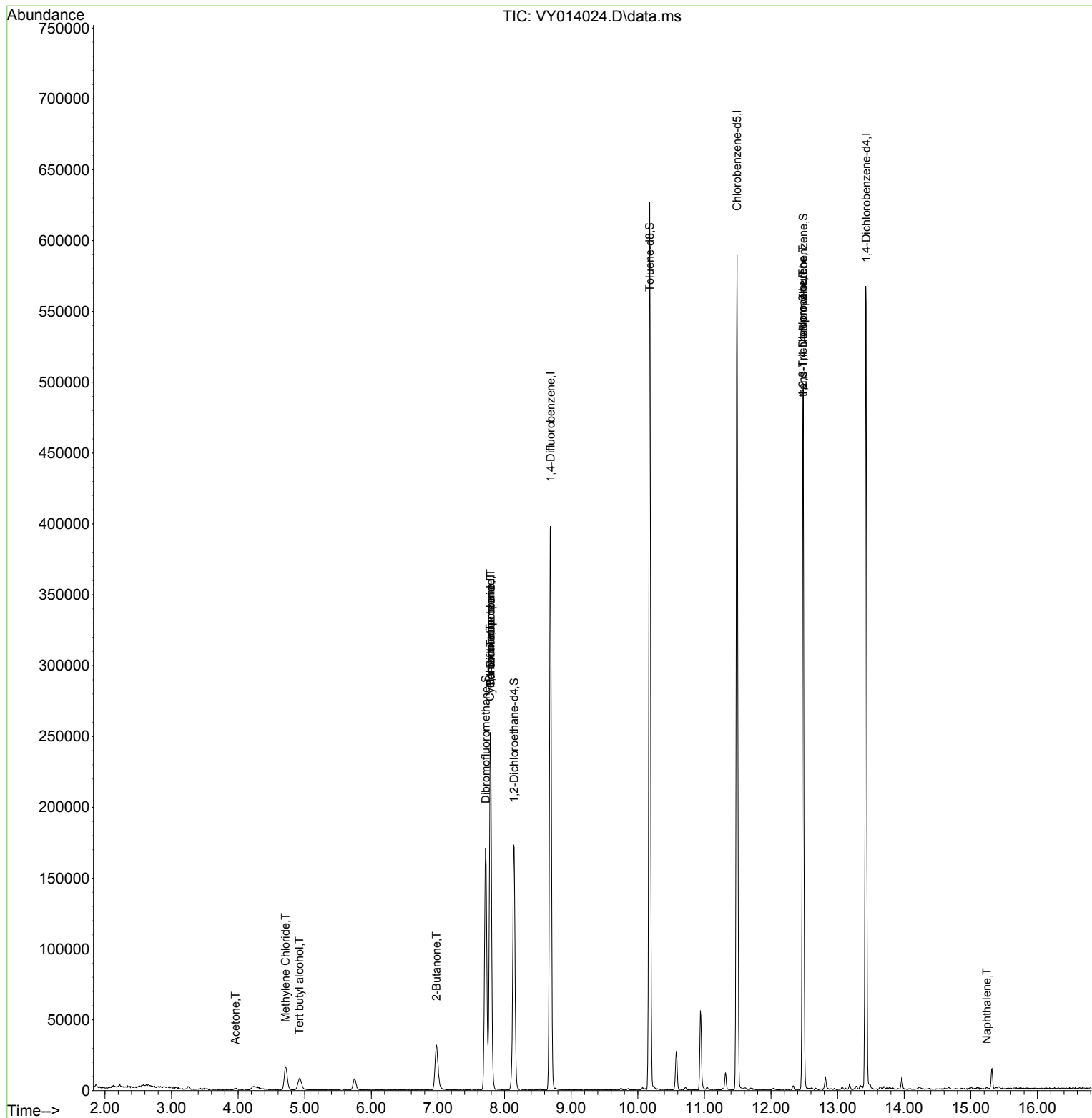
Internal Standards						
1) Pentafluorobenzene	7.789	168	194649	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	328874	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	306036	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	144358	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	145277	56.381	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.760%	
35) Dibromofluoromethane	7.716	113	118613	56.752	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.500%	
50) Toluene-d8	10.179	98	404450	50.732	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.460%	
62) 4-Bromofluorobenzene	12.483	95	132902	48.899	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.800%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.918	59	8117	15.328	ug/l #	91
16) Acetone	3.961	43	2237	2.538	ug/l #	76
20) Methylene Chloride	4.710	84	12268	1.251	ug/l #	91
25) 2-Butanone	6.978	43	2021	1.840	ug/l #	49
31) Cyclohexane	7.783	56	4531	1.460	ug/l #	15
36) 1,1-Dichloropropene	7.789	75	15574	5.230	ug/l #	49
38) Carbon Tetrachloride	7.789	117	19897	5.963	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	73655	37.915	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	73655	80.438	ug/l #	11
95) Naphthalene	15.239	128	1281	4.056	ug/l #	89

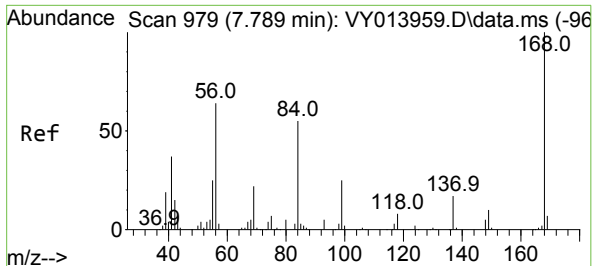
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060623\
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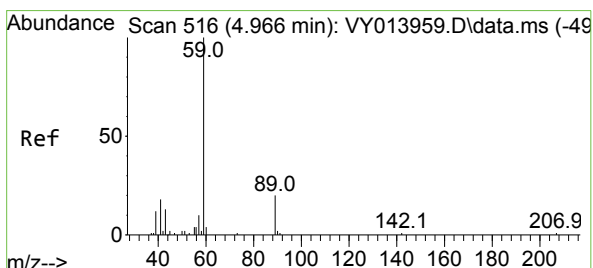
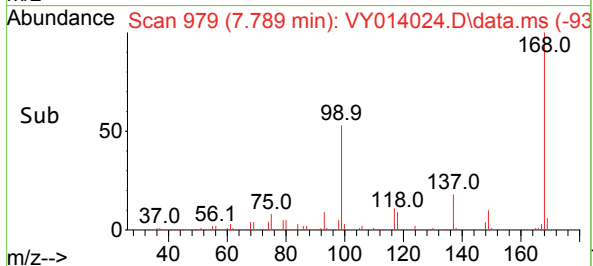
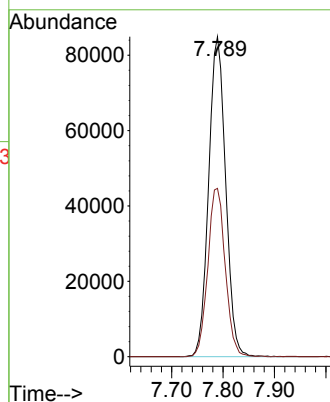
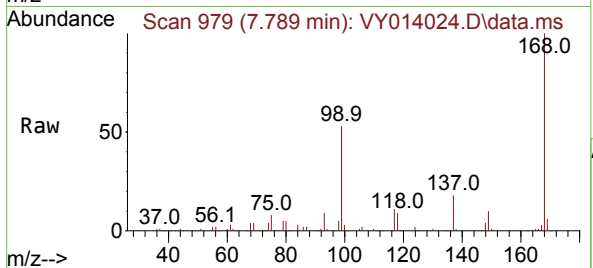




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014024.D
Acq: 06 Jun 2023 12:42

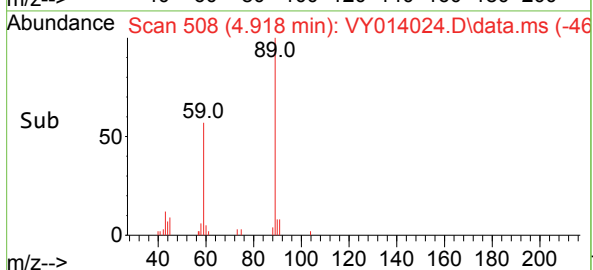
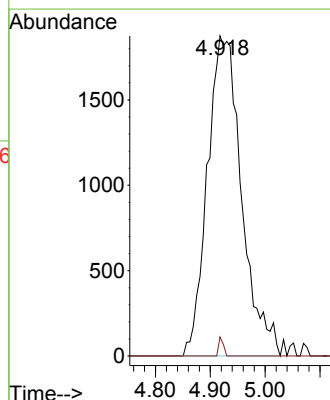
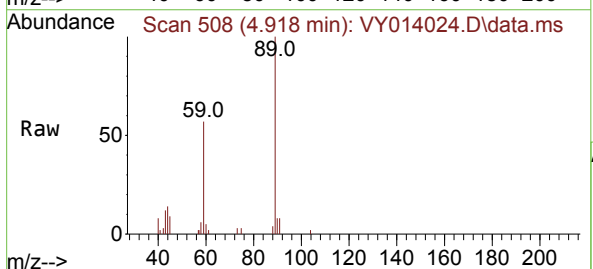
Instrument :
MSVOA_Y
ClientSampleId :
VY0606SBL01

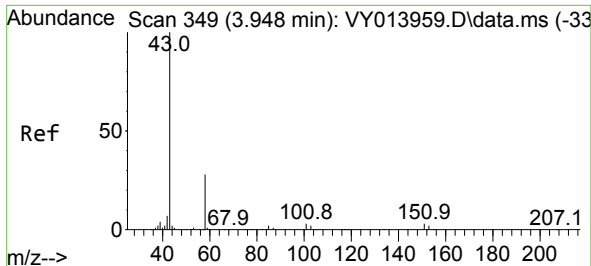
Tgt Ion:168 Resp: 194649
Ion Ratio Lower Upper
168 100
99 52.6 43.4 65.0



#11
Tert butyl alcohol
Concen: 15.328 ug/l
RT: 4.918 min Scan# 508
Delta R.T. -0.048 min
Lab File: VY014024.D
Acq: 06 Jun 2023 12:42

Tgt Ion: 59 Resp: 8117
Ion Ratio Lower Upper
59 100
57 0.8 3.0 4.4#





#16

Acetone

Concen: 2.538 ug/l

RT: 3.961 min Scan# 3

Delta R.T. 0.012 min

Lab File: VY014024.D

Acq: 06 Jun 2023 12:42

Instrument :

MSVOA_Y

ClientSampleId :

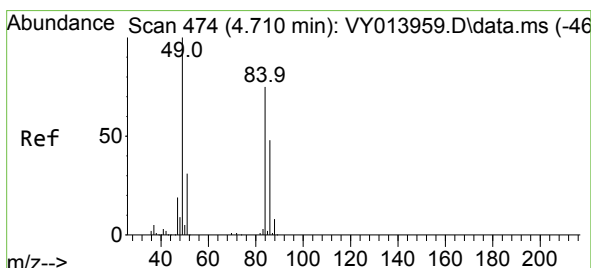
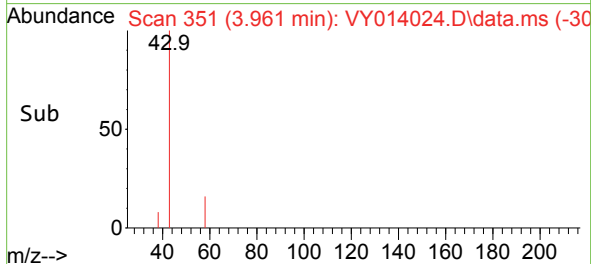
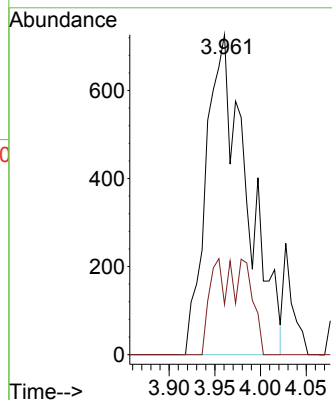
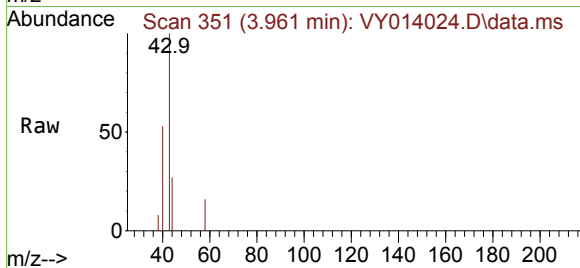
VY0606SBL01

Tgt Ion: 43 Resp: 2237

Ion Ratio Lower Upper

43 100

58 15.7 22.7 34.1#



#20

Methylene Chloride

Concen: 1.251 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY014024.D

Acq: 06 Jun 2023 12:42

Tgt Ion: 84 Resp: 12268

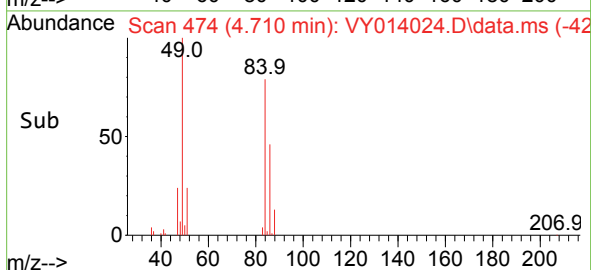
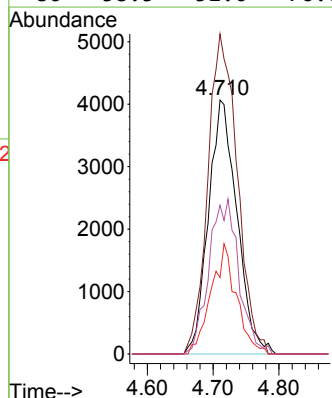
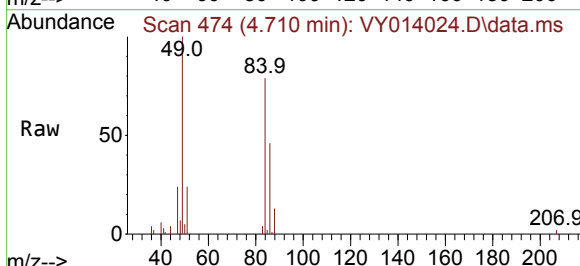
Ion Ratio Lower Upper

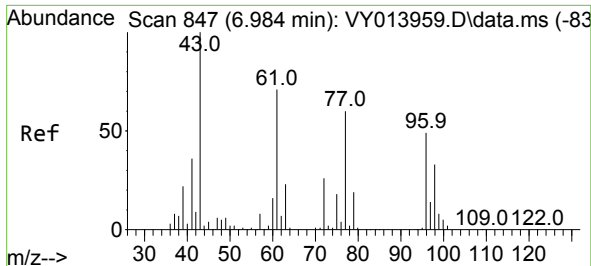
84 100

49 126.0 106.9 160.3

51 30.1 33.2 49.8#

86 58.5 51.0 76.6

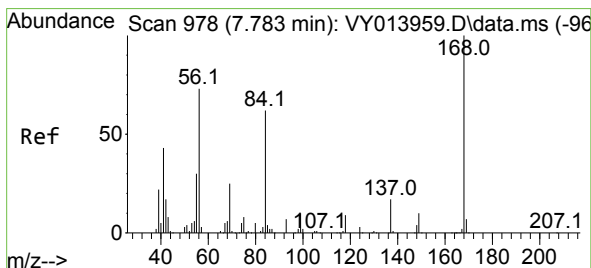
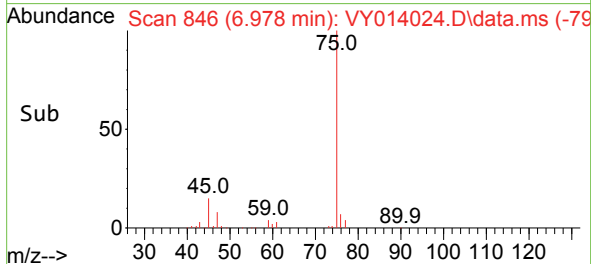
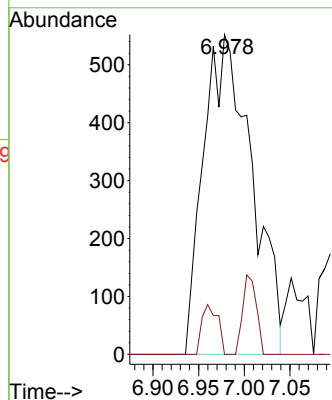
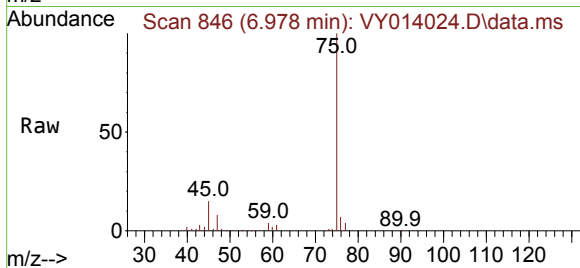




#25
2-Butanone
Concen: 1.840 ug/l
RT: 6.978 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY014024.D
Acq: 06 Jun 2023 12:42

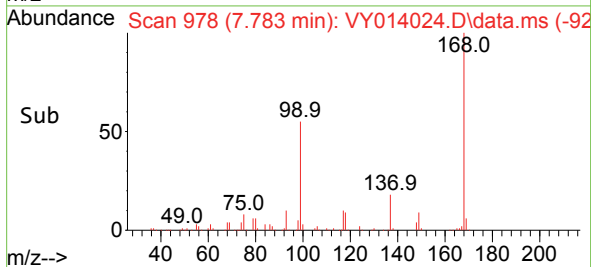
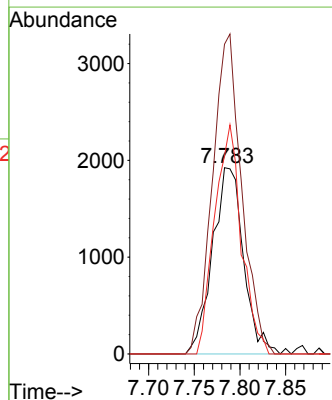
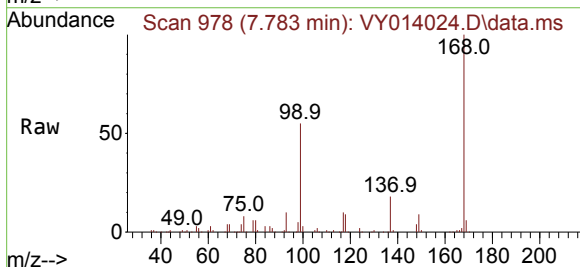
Instrument :
MSVOA_Y
ClientSampleId :
VY0606SBL01

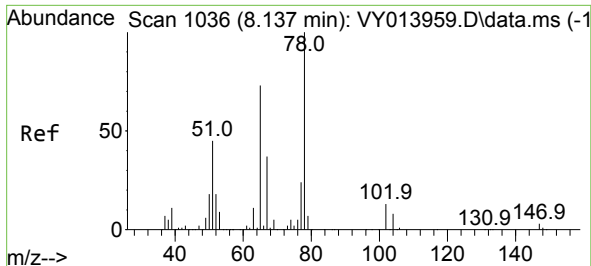
Tgt Ion: 43 Resp: 2021
Ion Ratio Lower Upper
43 100
72 0.0 20.5 30.7#



#31
Cyclohexane
Concen: 1.460 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.000 min
Lab File: VY014024.D
Acq: 06 Jun 2023 12:42

Tgt Ion: 56 Resp: 4531
Ion Ratio Lower Upper
56 100
69 166.3 27.8 41.6#
84 106.3 66.4 99.6#

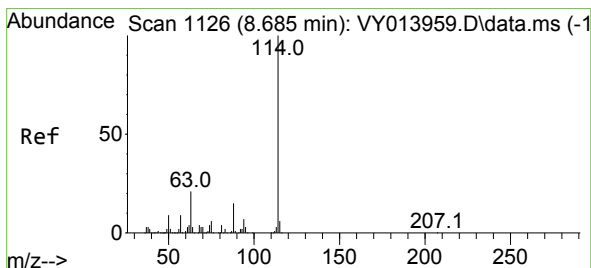
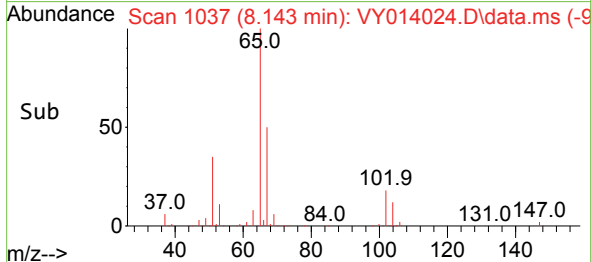
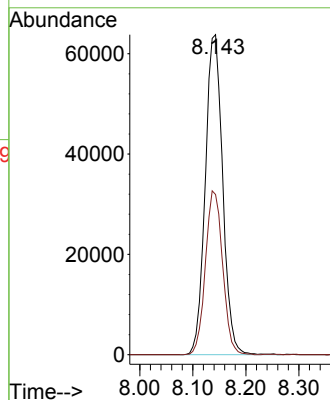
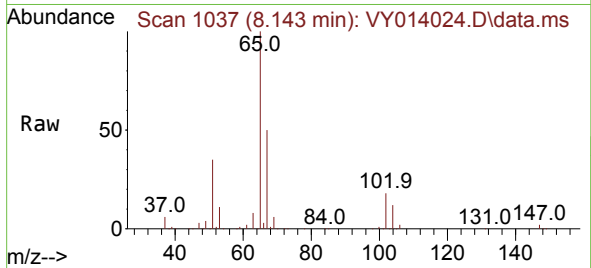




#33
 1,2-Dichloroethane-d4
 Concen: 56.381 ug/l
 RT: 8.143 min Scan# 1036
 Delta R.T. 0.006 min
 Lab File: VY014024.D
 Acq: 06 Jun 2023 12:42

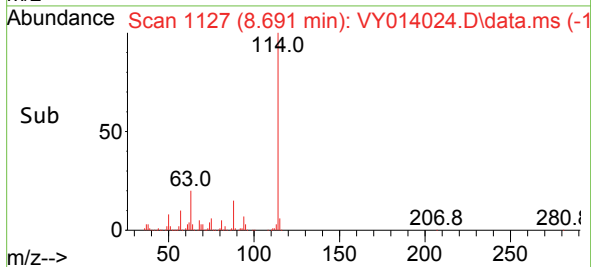
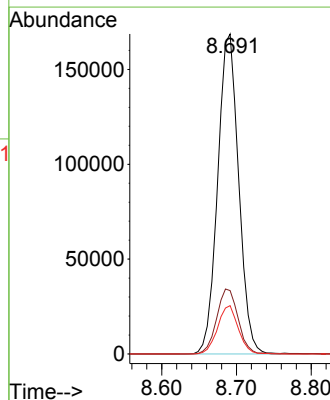
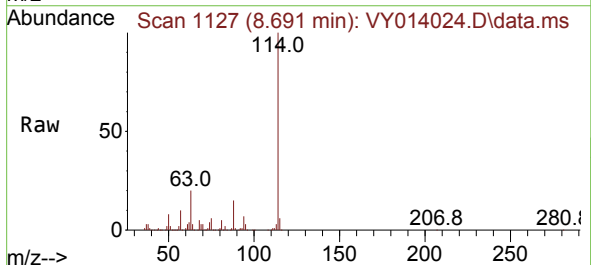
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0606SBL01

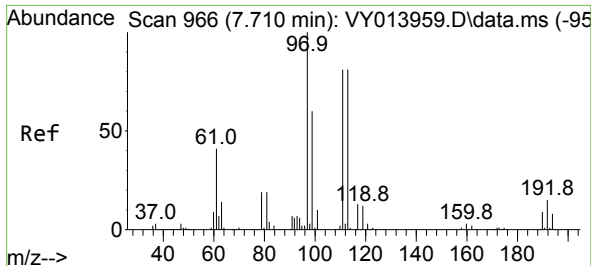
Tgt Ion: 65 Resp: 145277
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VY014024.D
 Acq: 06 Jun 2023 12:42

Tgt Ion: 114 Resp: 328874
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 42.4
 88 15.1 0.0 30.6

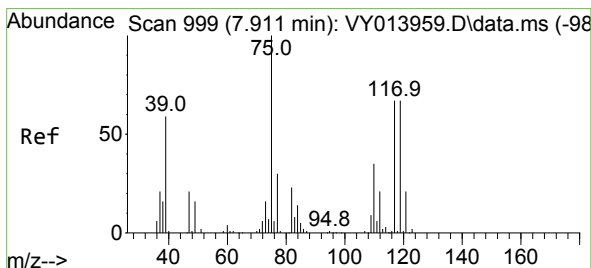
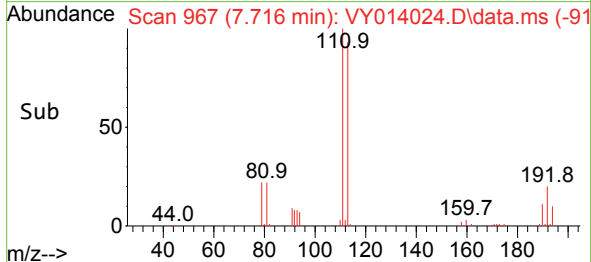
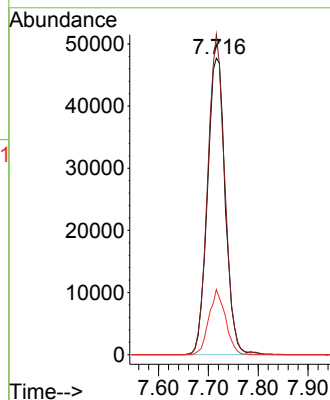
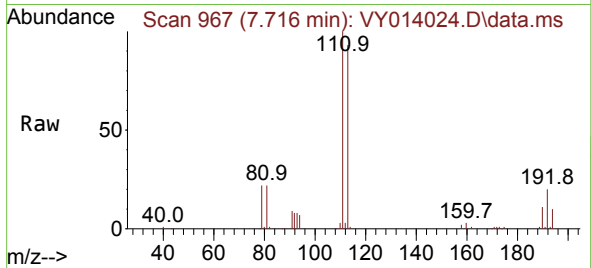




#35
Dibromofluoromethane
Concen: 56.752 ug/l
RT: 7.716 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY014024.D
Acq: 06 Jun 2023 12:42

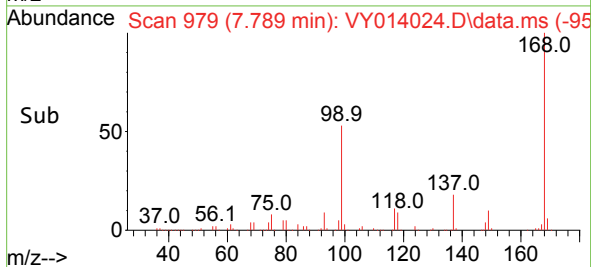
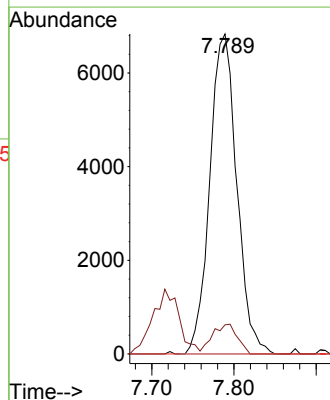
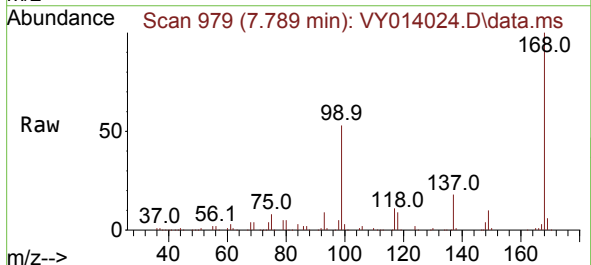
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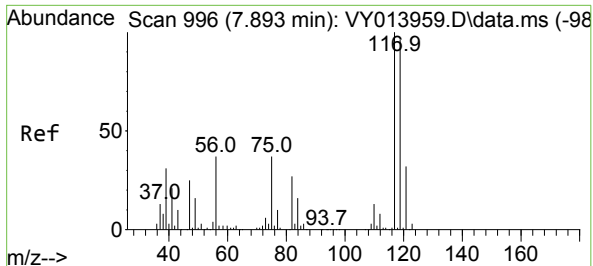
Tgt Ion:113 Resp: 118613
Ion Ratio Lower Upper
113 100
111 102.8 81.3 121.9
192 20.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.230 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY014024.D
Acq: 06 Jun 2023 12:42

Tgt Ion: 75 Resp: 15574
Ion Ratio Lower Upper
75 100
110 8.5 17.8 53.5#
77 0.0 24.4 36.6#

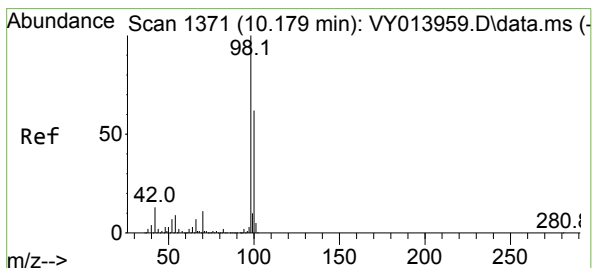
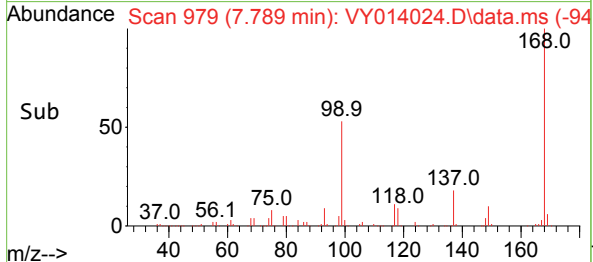
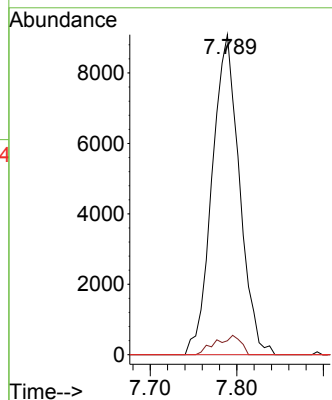
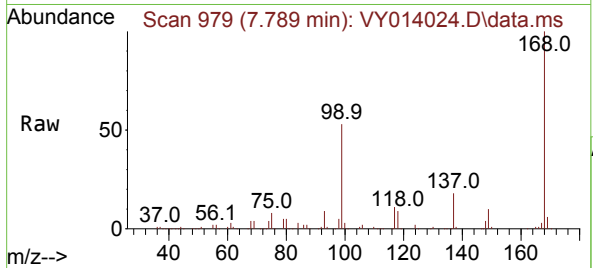




#38
Carbon Tetrachloride
Concen: 5.963 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY014024.D
Acq: 06 Jun 2023 12:42

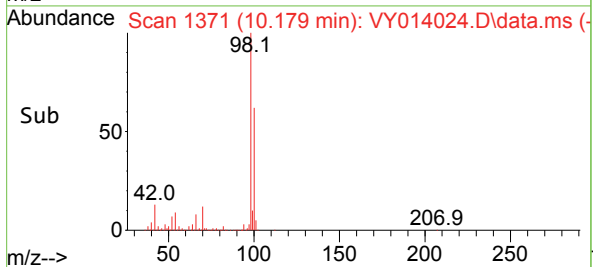
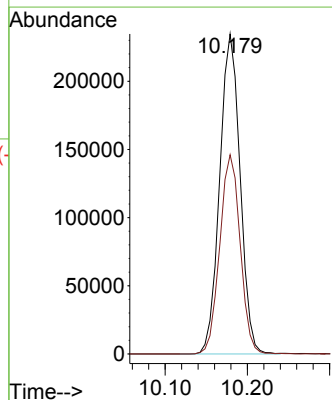
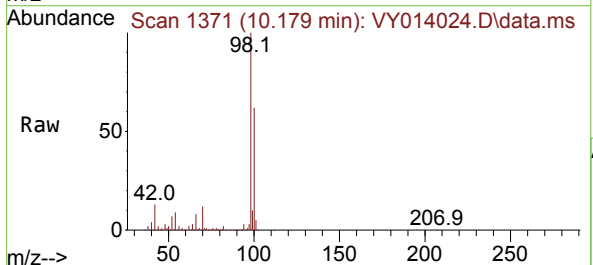
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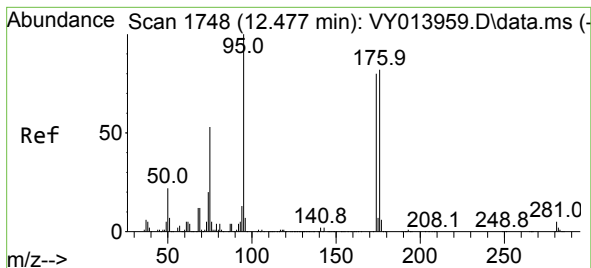
Tgt Ion:117 Resp: 19897
Ion Ratio Lower Upper
117 100
119 4.3 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 50.732 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY014024.D
Acq: 06 Jun 2023 12:42

Tgt Ion: 98 Resp: 404450
Ion Ratio Lower Upper
98 100
100 62.2 50.1 75.1

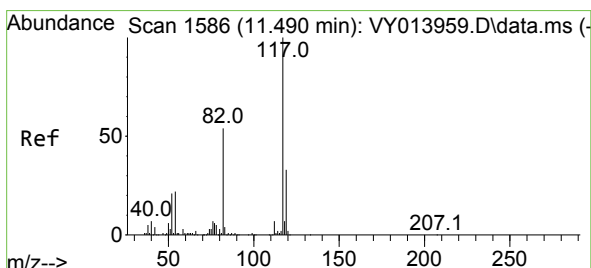
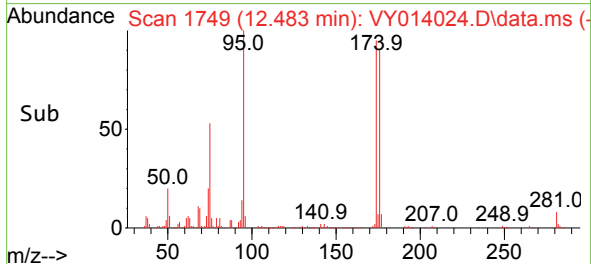
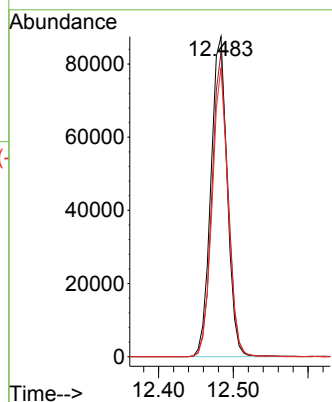
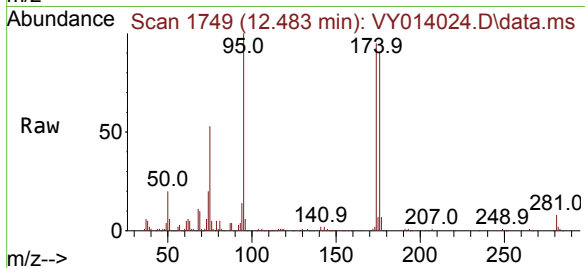




#62
4-Bromofluorobenzene
Concen: 48.899 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014024.D
Acq: 06 Jun 2023 12:42

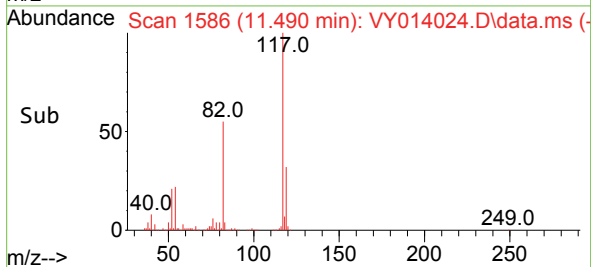
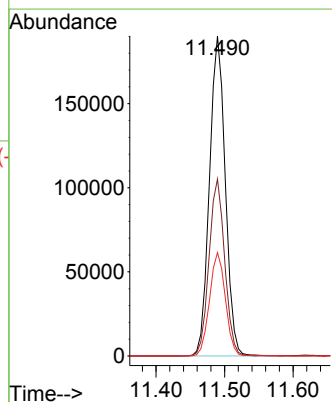
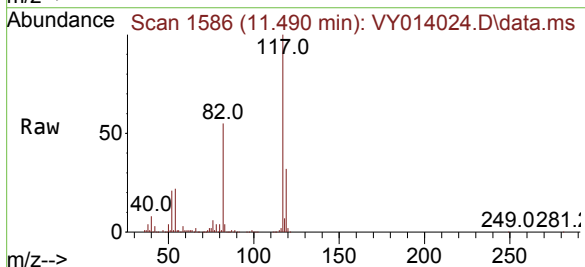
Instrument :
MSVOA_Y
ClientSampleId :
VY0606SBL01

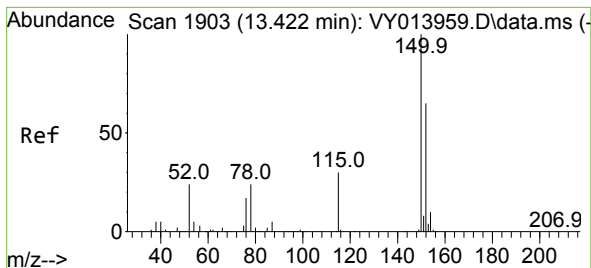
Tgt Ion: 95 Resp: 132902
Ion Ratio Lower Upper
95 100
174 93.3 0.0 178.2
176 88.6 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014024.D
Acq: 06 Jun 2023 12:42

Tgt Ion: 117 Resp: 306036
Ion Ratio Lower Upper
117 100
82 55.3 43.4 65.0
119 32.3 26.3 39.5

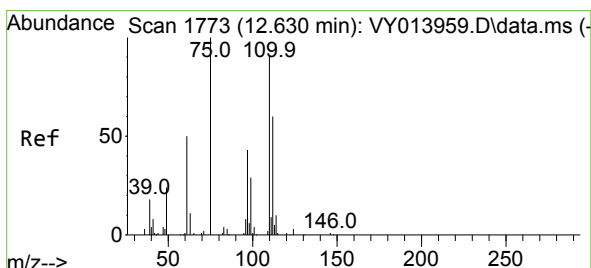
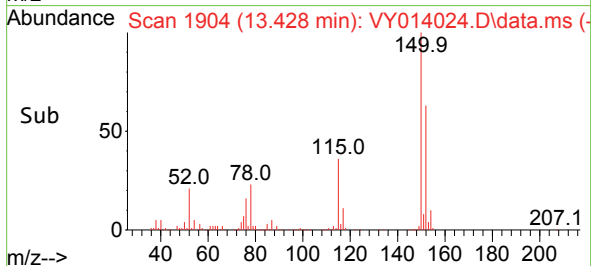
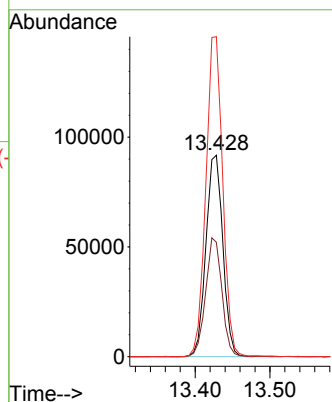
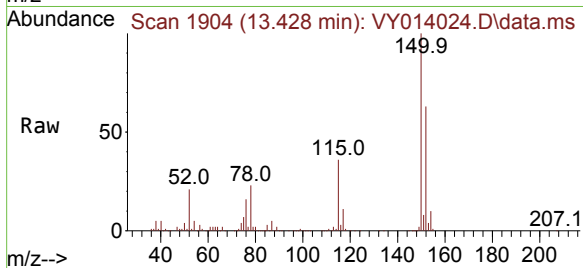




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VY014024.D
Acq: 06 Jun 2023 12:42

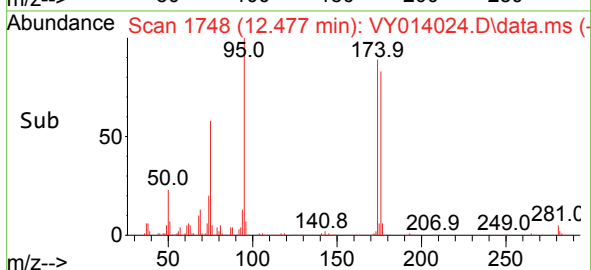
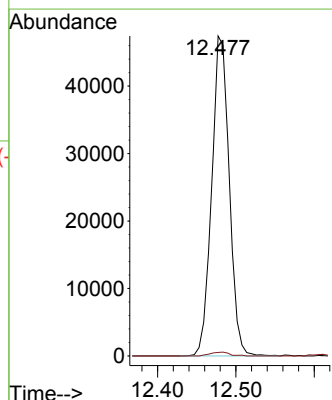
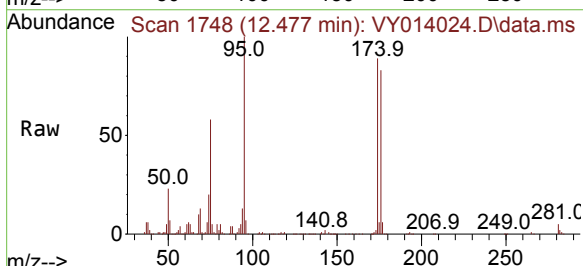
Instrument :
MSVOA_Y
ClientSampleId :
VY0606SBL01

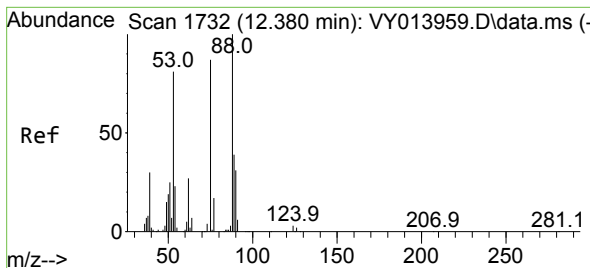
Tgt Ion:152 Resp: 144358
Ion Ratio Lower Upper
152 100
115 56.7 28.8 86.5
150 158.1 0.0 348.8



#76
1,2,3-Trichloropropane
Concen: 37.915 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY014024.D
Acq: 06 Jun 2023 12:42

Tgt Ion: 75 Resp: 73655
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#

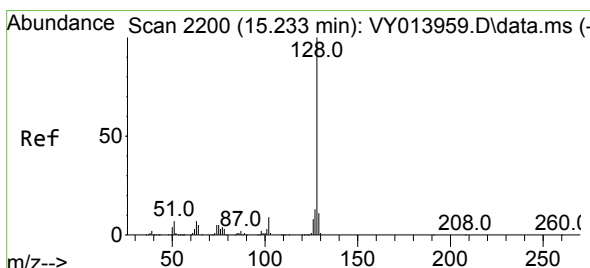
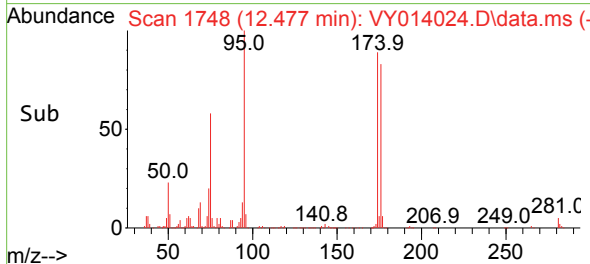
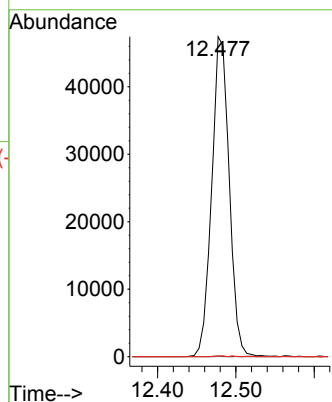
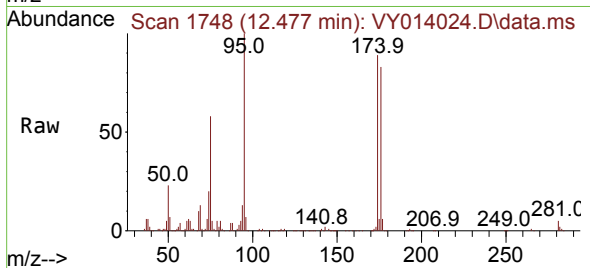




#81
trans-1,4-Dichloro-2-butene
Concen: 80.438 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY014024.D
Acq: 06 Jun 2023 12:42

Instrument :
MSVOA_Y
ClientSampleId :
VY0606SBL01

Tgt Ion: 75 Resp: 73655
Ion Ratio Lower Upper
75 100
53 0.1 77.8 116.8#
89 0.2 37.4 56.0#



#95
Naphthalene
Concen: 4.056 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY014024.D
Acq: 06 Jun 2023 12:42

Tgt Ion: 128 Resp: 1281
Ion Ratio Lower Upper
128 100
127 11.5 10.8 16.2
129 3.6 8.6 13.0#

