

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083023\
 Data File : VY015371.D
 Acq On : 30 Aug 2023 12:41
 Operator : SY/MD
 Sample : 04203-01
 Misc : 5.42g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 31 00:59:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 29 22:47:33 2023
 Response via : Initial Calibration

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

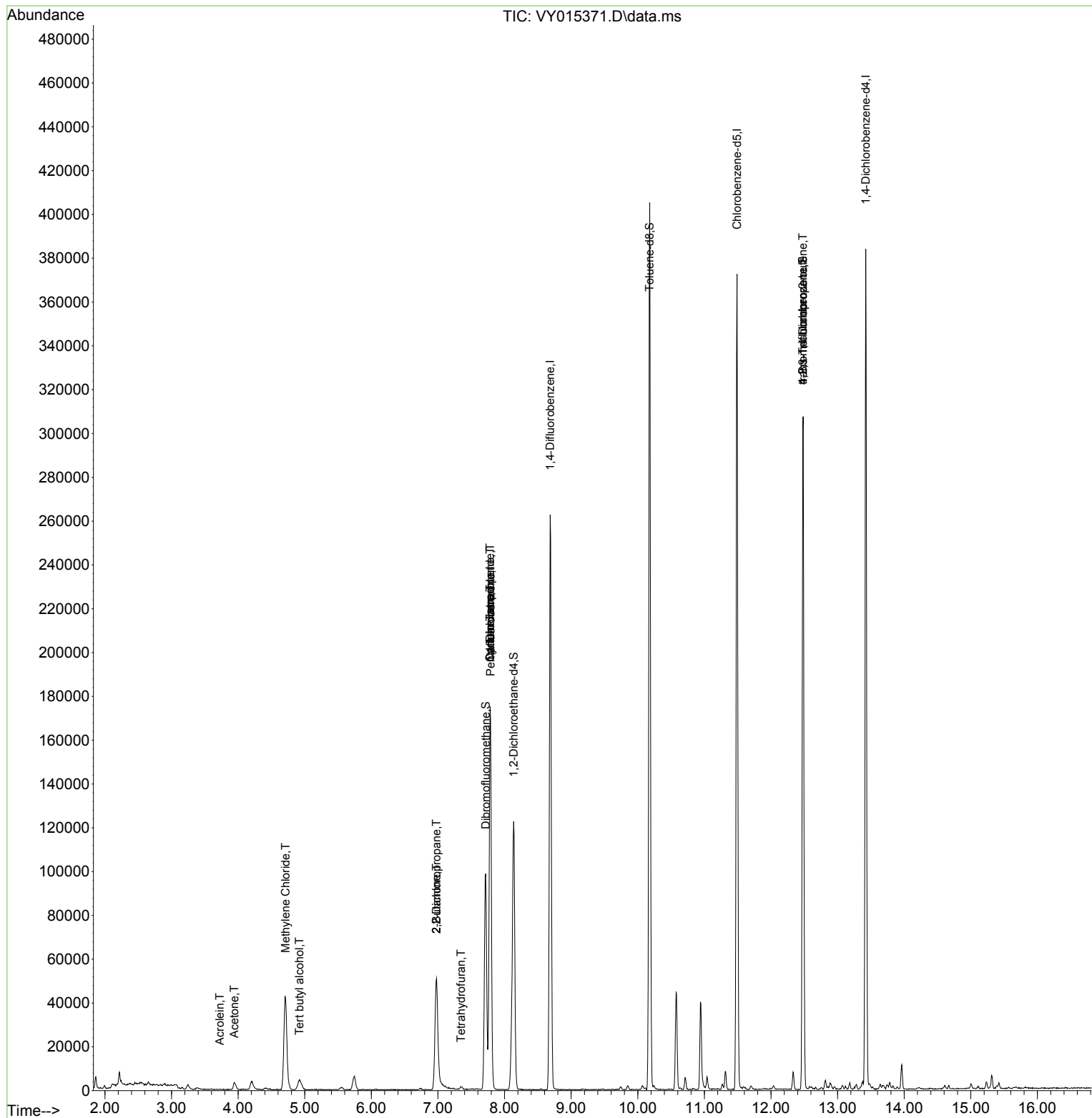
Internal Standards						
1) Pentafluorobenzene	7.789	168	136098	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	224876	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	201298	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	96913	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	87581	60.030	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.060%	
35) Dibromofluoromethane	7.716	113	70338	54.305	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.620%	
50) Toluene-d8	10.179	98	262304	55.922	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.840%	
62) 4-Bromofluorobenzene	12.477	95	88178	50.639	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.280%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.918	59	5606	16.571	ug/l #	89
13) Acrolein	3.723	56	130	11.952	ug/l #	31
16) Acetone	3.942	43	5788	9.505	ug/l	98
20) Methylene Chloride	4.710	84	32804	11.771	ug/l	91
25) 2-Butanone	6.978	43	3641	4.216	ug/l #	75
26) 2,2-Dichloropropane	6.978	77	4133	1.787	ug/l #	54
29) Tetrahydrofuran	7.344	42	705	1.300	ug/l	91
31) Cyclohexane	7.783	56	2976	1.148	ug/l #	21
36) 1,1-Dichloropropene	7.783	75	10579	4.652	ug/l #	50
38) Carbon Tetrachloride	7.783	117	13278	5.653	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	48690	38.042	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	48690	83.573	ug/l #	11

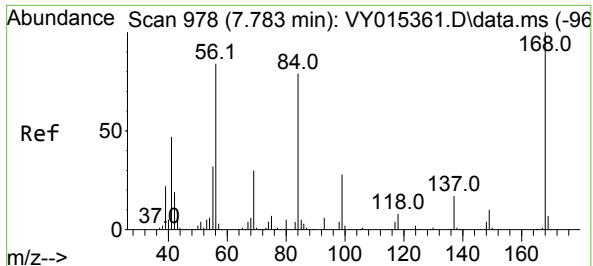
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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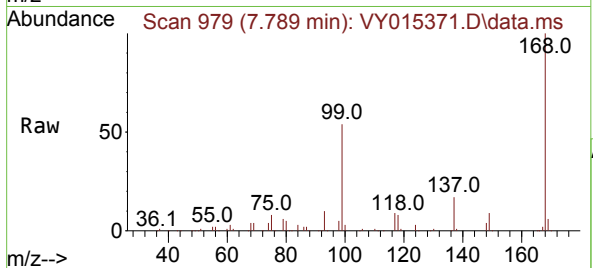
Quant Time: Aug 31 00:59:08 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 29 22:47:33 2023
Response via : Initial Calibration



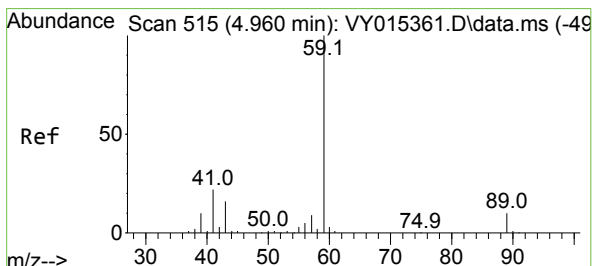
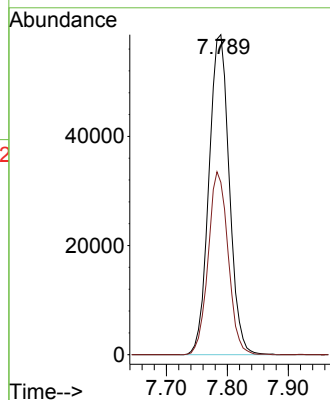
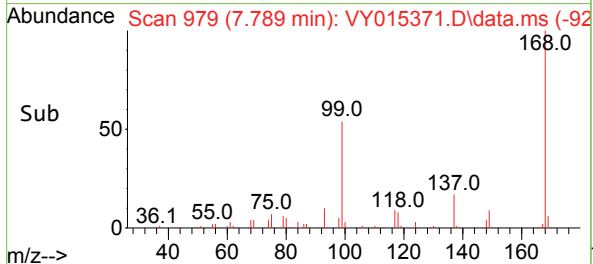


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015371.D
Acq: 30 Aug 2023 12:41

Instrument :
MSVOA_Y
ClientSampleId :

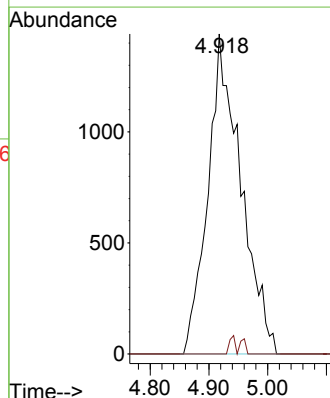
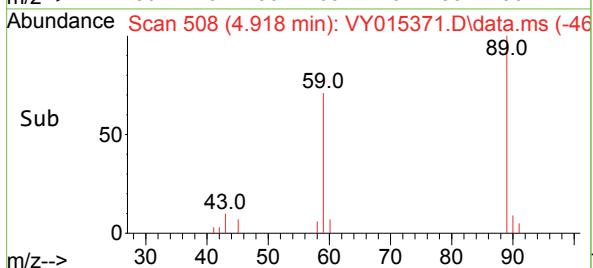
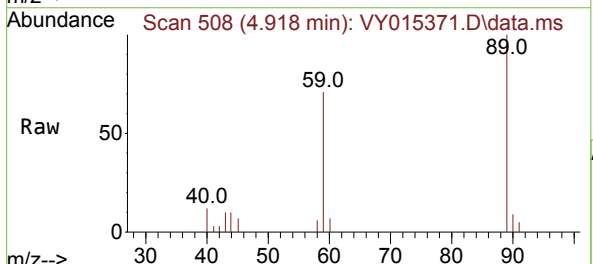


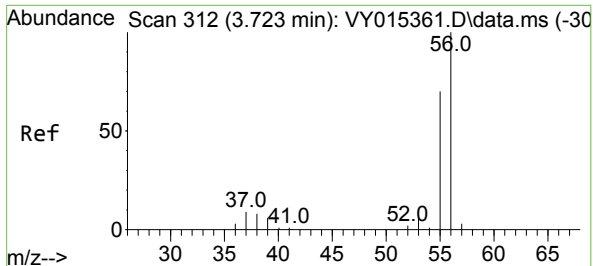
Tgt Ion:168 Resp: 136098
Ion Ratio Lower Upper
168 100
99 53.8 43.4 65.0



#11
Tert butyl alcohol
Concen: 16.571 ug/l
RT: 4.918 min Scan# 508
Delta R.T. -0.036 min
Lab File: VY015371.D
Acq: 30 Aug 2023 12:41

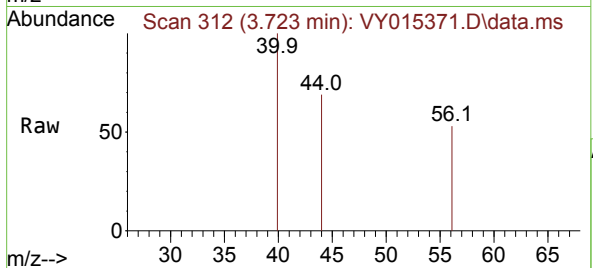
Tgt Ion: 59 Resp: 5606
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



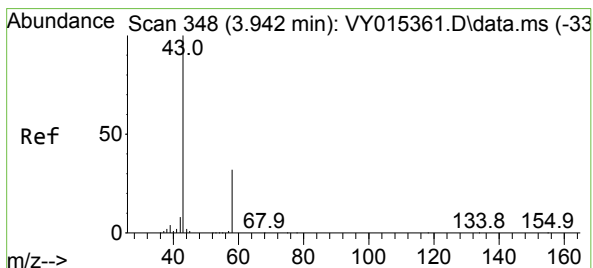
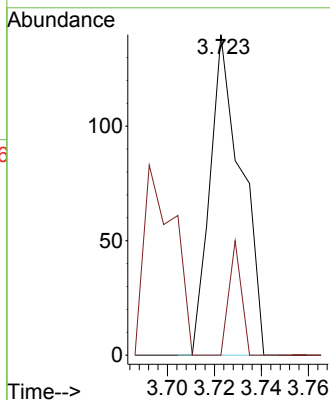
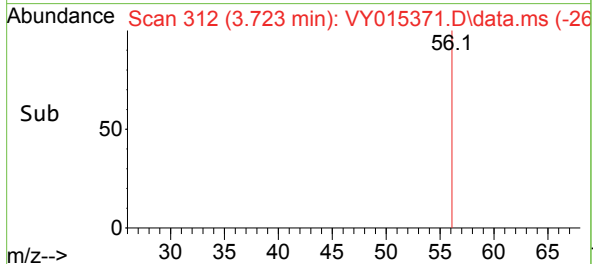


#13
Acrolein
Concen: 11.952 ug/l
RT: 3.723 min Scan# 312
Delta R.T. -0.000 min
Lab File: VY015371.D
Acq: 30 Aug 2023 12:41

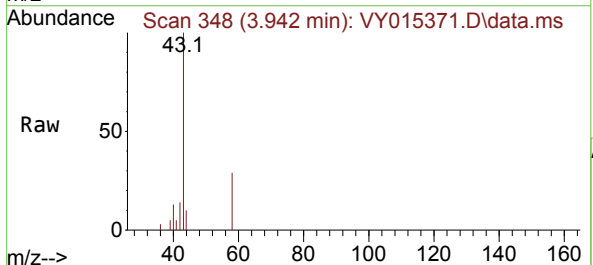
Instrument :
MSVOA_Y
ClientSampleId :



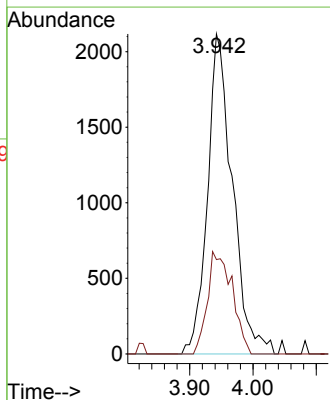
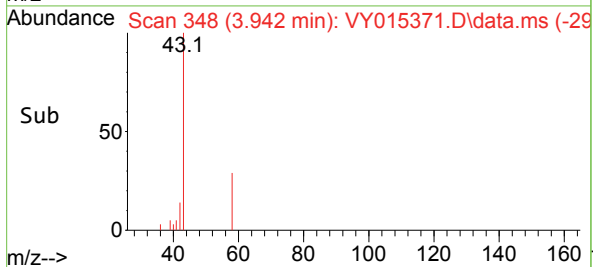
Tgt Ion: 56 Resp: 130
Ion Ratio Lower Upper
56 100
55 13.8 57.0 85.4#

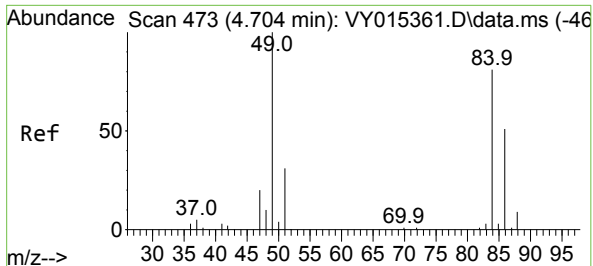


#16
Acetone
Concen: 9.505 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY015371.D
Acq: 30 Aug 2023 12:41



Tgt Ion: 43 Resp: 5788
Ion Ratio Lower Upper
43 100
58 29.5 22.7 34.1

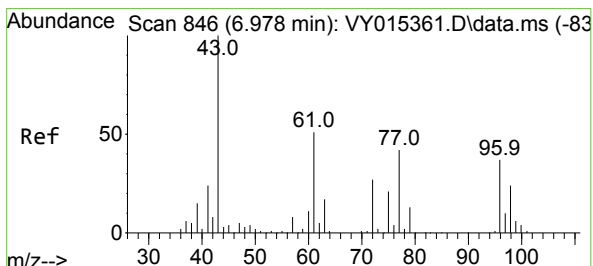
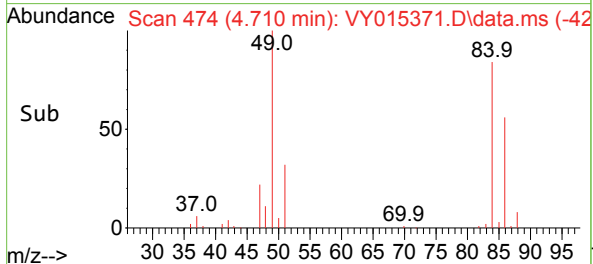
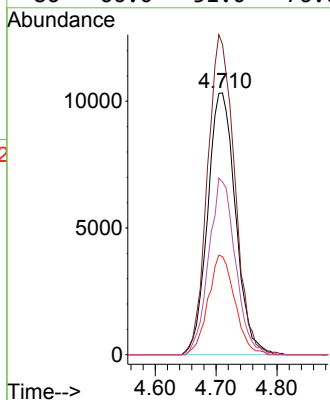
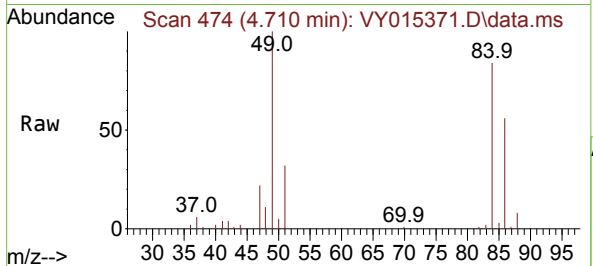




#20
Methylene Chloride
Concen: 11.771 ug/l
RT: 4.710 min Scan# 473
Delta R.T. 0.006 min
Lab File: VY015371.D
Acq: 30 Aug 2023 12:41

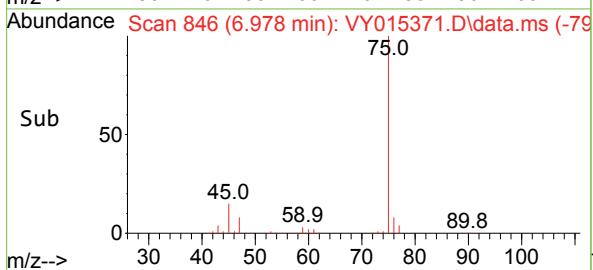
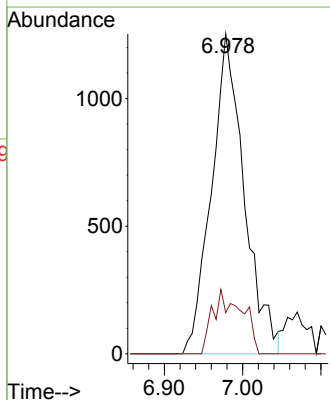
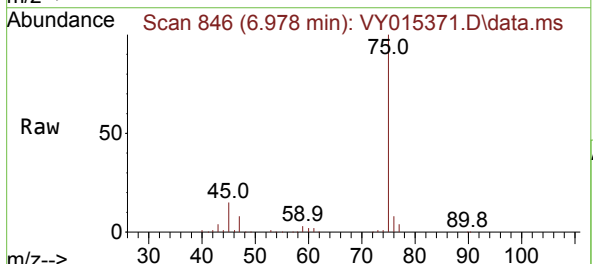
Instrument :
MSVOA_Y
ClientSampleId :

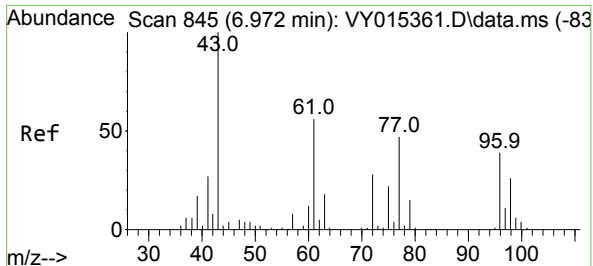
Tgt Ion: 84 Resp: 32804
Ion Ratio Lower Upper
84 100
49 118.5 106.9 160.3
51 37.5 33.2 49.8
86 66.0 51.0 76.6



#25
2-Butanone
Concen: 4.216 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY015371.D
Acq: 30 Aug 2023 12:41

Tgt Ion: 43 Resp: 3641
Ion Ratio Lower Upper
43 100
72 12.8 20.5 30.7#





#26

2,2-Dichloropropane

Concen: 1.787 ug/l

RT: 6.978 min Scan# 845

Delta R.T. 0.006 min

Lab File: VY015371.D

Acq: 30 Aug 2023 12:41

Instrument :

MSVOA_Y

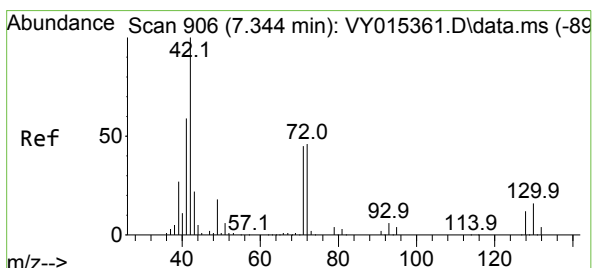
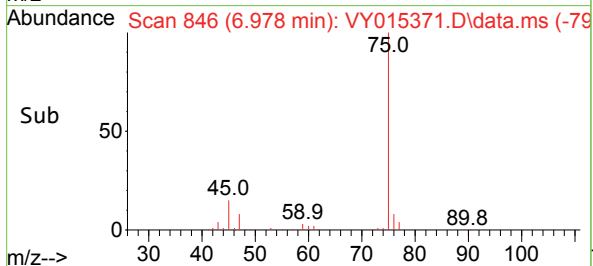
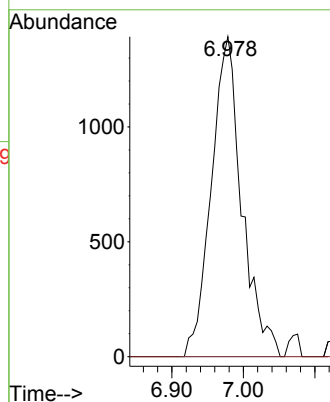
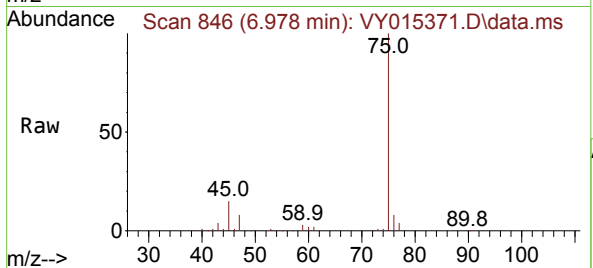
ClientSampleId :

Tgt Ion: 77 Resp: 4133

Ion Ratio Lower Upper

77 100

97 0.0 10.9 32.9#



#29

Tetrahydrofuran

Concen: 1.300 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY015371.D

Acq: 30 Aug 2023 12:41

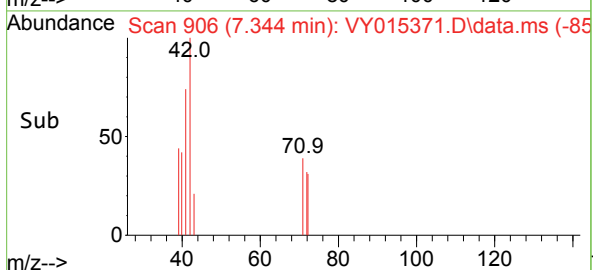
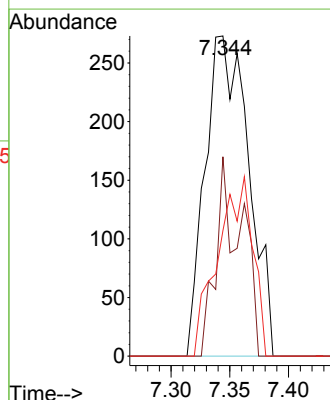
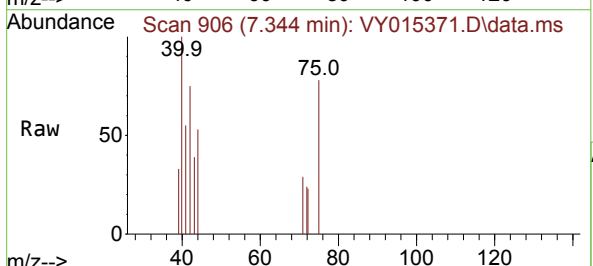
Tgt Ion: 42 Resp: 705

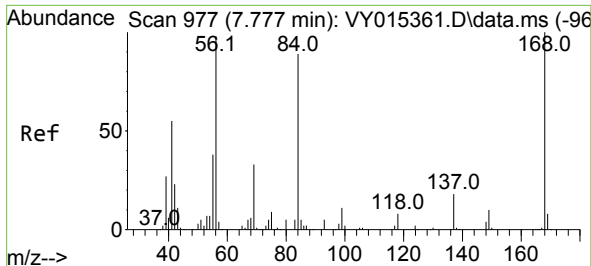
Ion Ratio Lower Upper

42 100

72 36.2 32.8 49.2

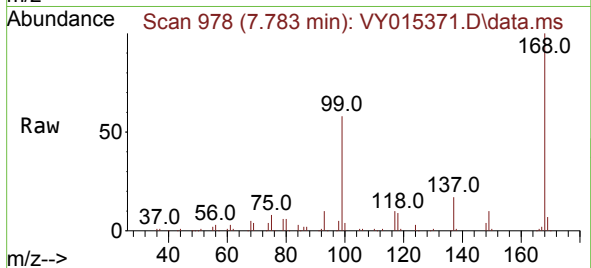
71 45.0 31.0 46.4



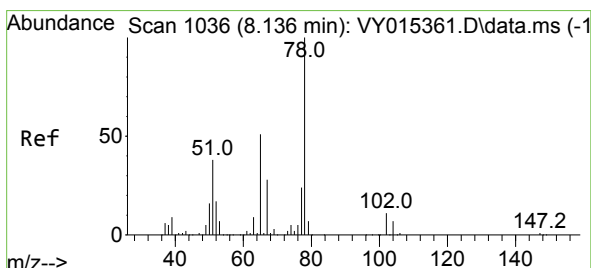
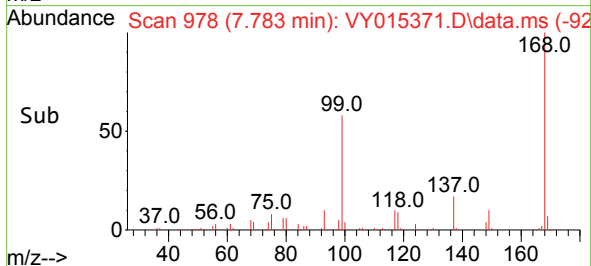
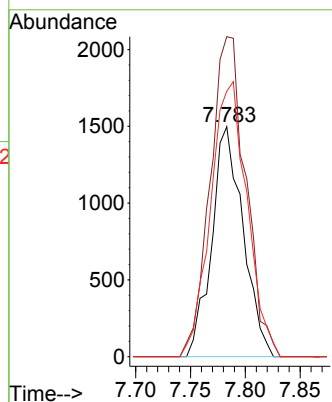


#31
Cyclohexane
Concen: 1.148 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015371.D
Acq: 30 Aug 2023 12:41

Instrument :
MSVOA_Y
ClientSampleId :

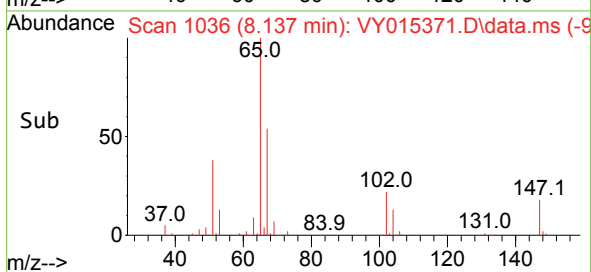
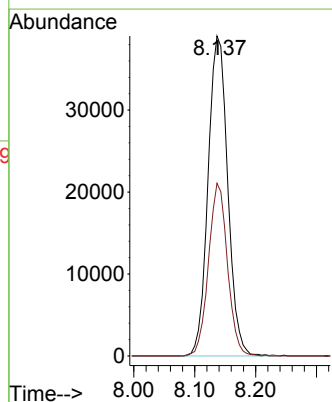
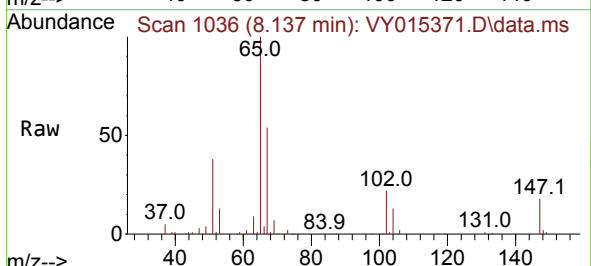


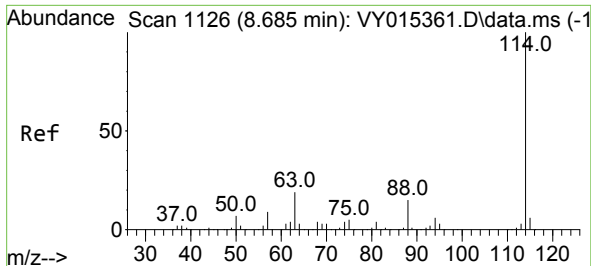
Tgt Ion: 56 Resp: 2976
Ion Ratio Lower Upper
56 100
69 139.2 27.8 41.6#
84 115.5 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 60.030 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015371.D
Acq: 30 Aug 2023 12:41

Tgt Ion: 65 Resp: 87581
Ion Ratio Lower Upper
65 100
67 52.0 0.0 101.8

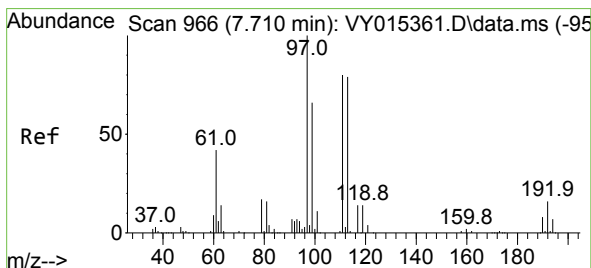
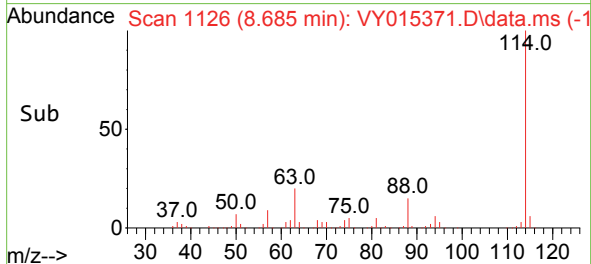
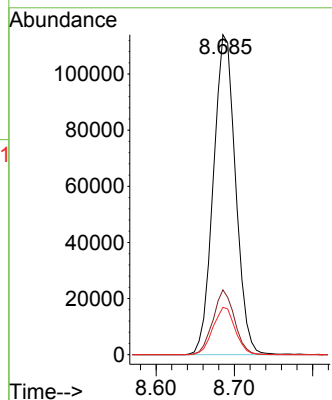
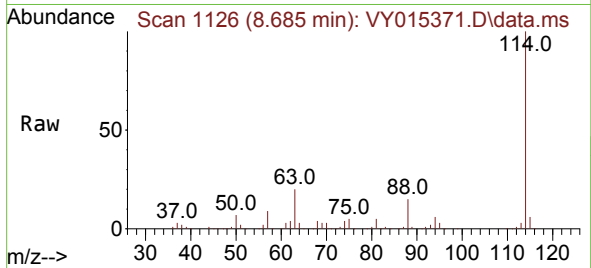




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY015371.D
Acq: 30 Aug 2023 12:41

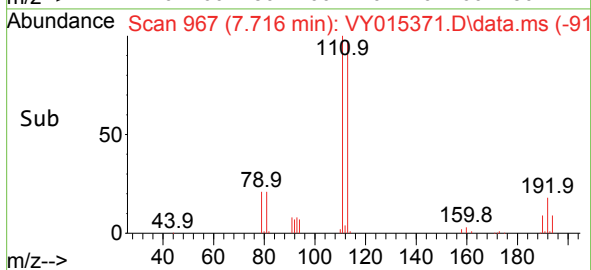
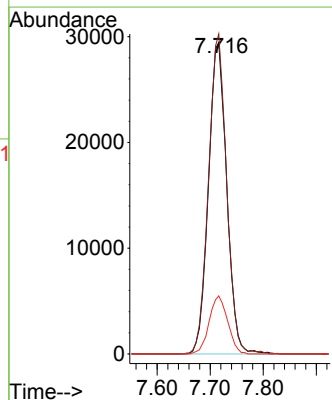
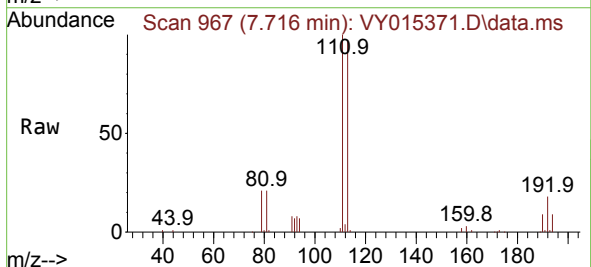
Instrument :
MSVOA_Y
ClientSampleId :

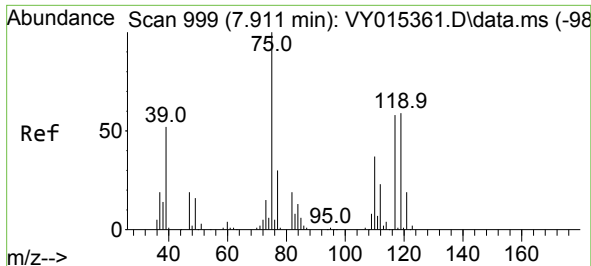
Tgt Ion:114 Resp: 224876
Ion Ratio Lower Upper
114 100
63 20.3 0.0 42.4
88 14.8 0.0 30.6



#35
Dibromofluoromethane
Concen: 54.305 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY015371.D
Acq: 30 Aug 2023 12:41

Tgt Ion:113 Resp: 70338
Ion Ratio Lower Upper
113 100
111 101.9 81.3 121.9
192 18.9 16.9 25.3

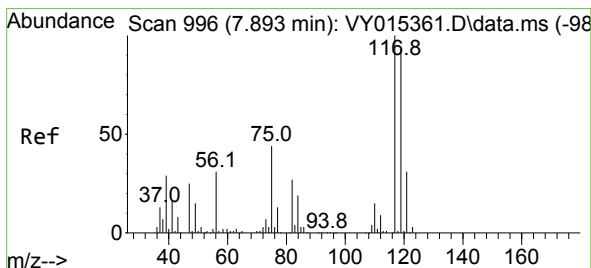
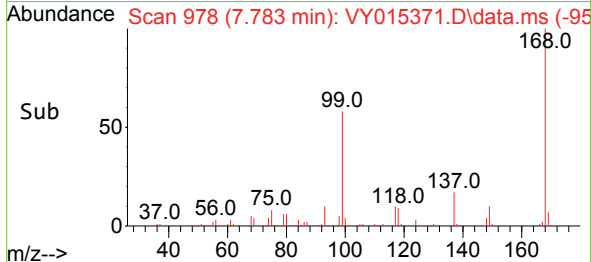
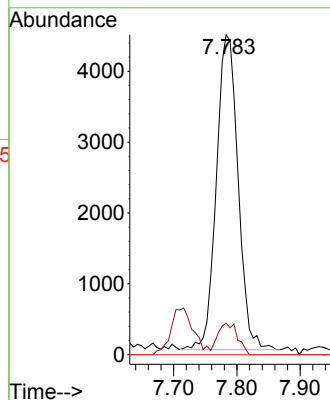
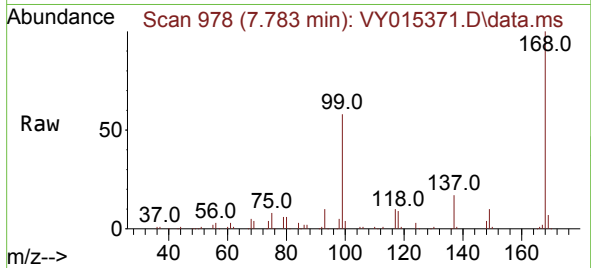




#36
1,1-Dichloropropene
Concen: 4.652 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY015371.D
Acq: 30 Aug 2023 12:41

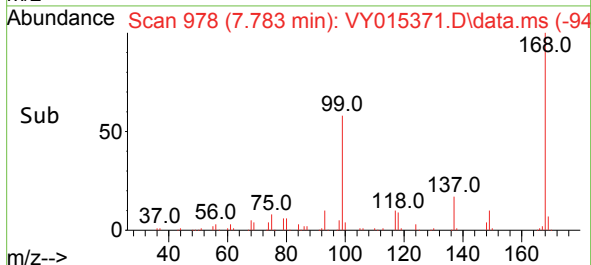
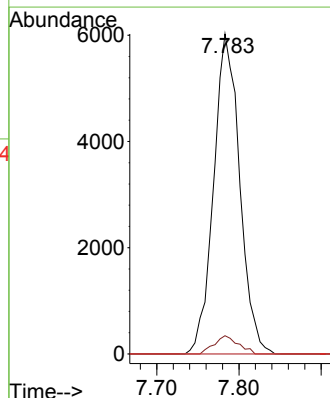
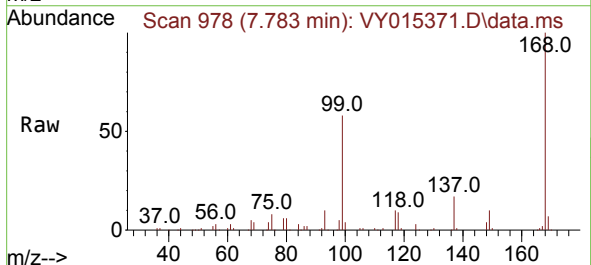
Instrument :
MSVOA_Y
ClientSampleId :

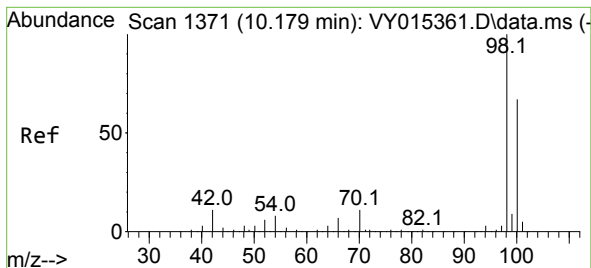
Tgt Ion: 75 Resp: 10579
Ion Ratio Lower Upper
75 100
110 9.0 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.653 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.110 min
Lab File: VY015371.D
Acq: 30 Aug 2023 12:41

Tgt Ion: 117 Resp: 13278
Ion Ratio Lower Upper
117 100
119 5.7 76.4 114.6#
121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 55.922 ug/l

RT: 10.179 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015371.D

Acq: 30 Aug 2023 12:41

Instrument :

MSVOA_Y

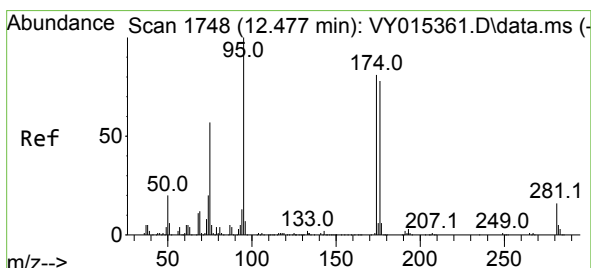
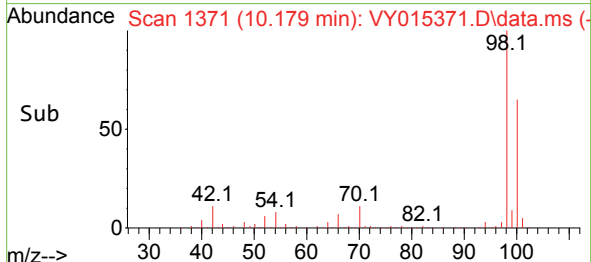
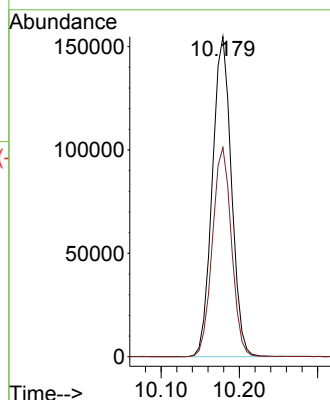
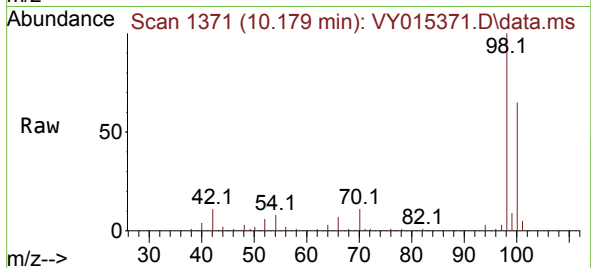
ClientSampleId :

Tgt Ion: 98 Resp: 262304

Ion Ratio Lower Upper

98 100

100 65.2 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 50.639 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY015371.D

Acq: 30 Aug 2023 12:41

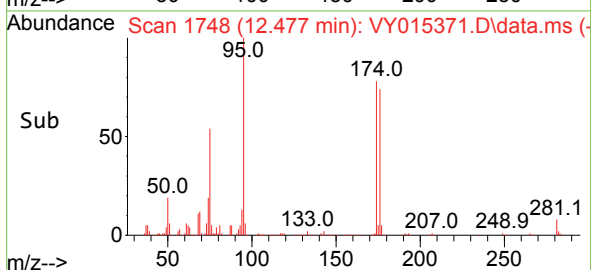
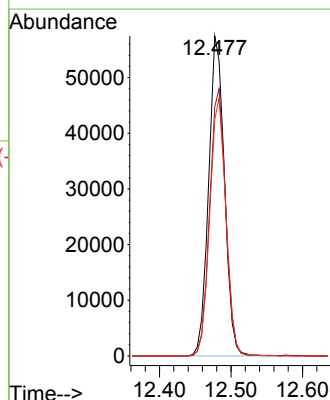
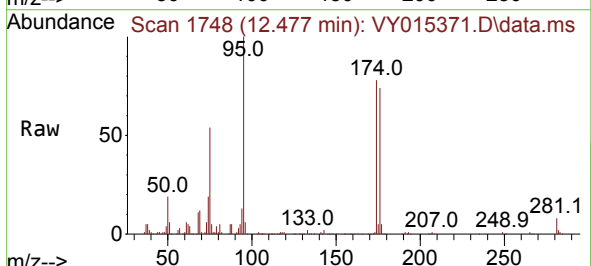
Tgt Ion: 95 Resp: 88178

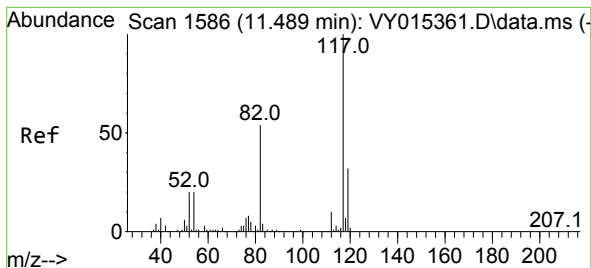
Ion Ratio Lower Upper

95 100

174 85.2 0.0 178.2

176 82.0 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015371.D

Acq: 30 Aug 2023 12:41

Instrument :

MSVOA_Y

ClientSampleId :

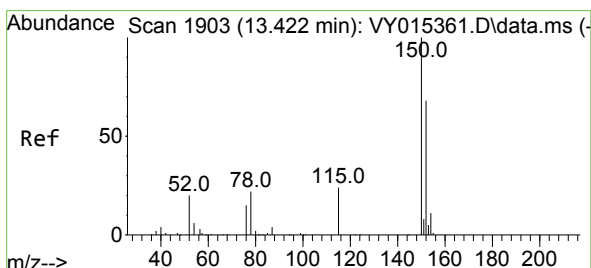
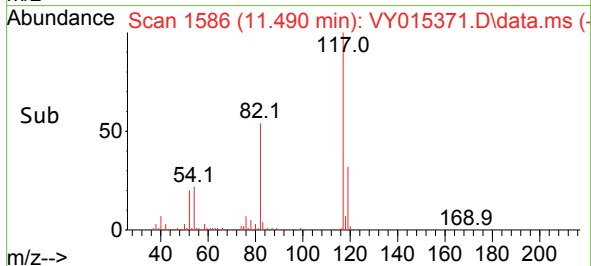
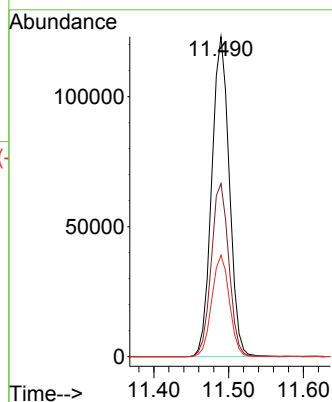
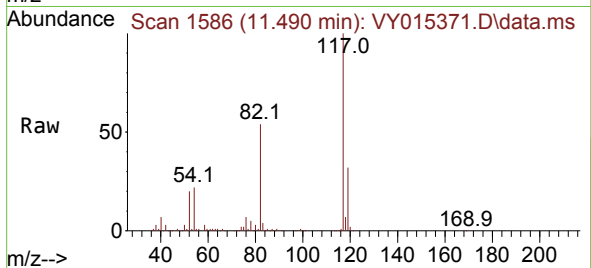
Tgt Ion:117 Resp: 201298

Ion Ratio Lower Upper

117 100

82 54.1 43.4 65.0

119 31.7 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: VY015371.D

Acq: 30 Aug 2023 12:41

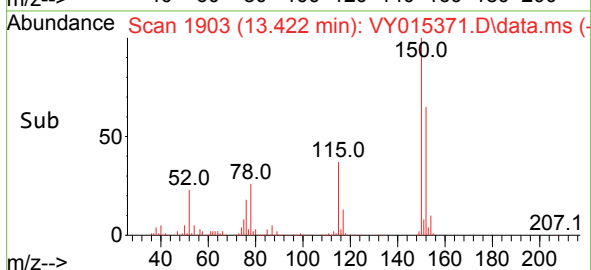
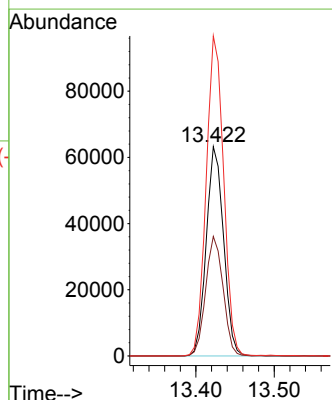
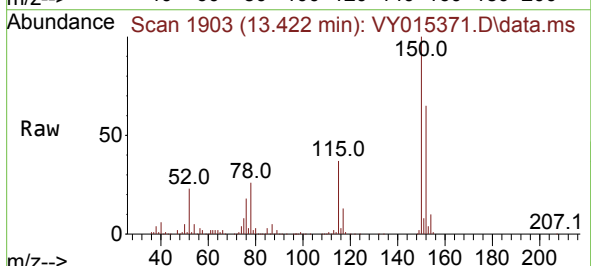
Tgt Ion:152 Resp: 96913

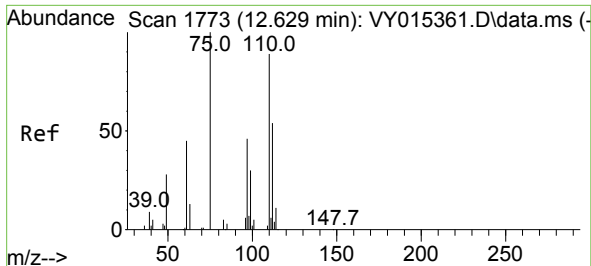
Ion Ratio Lower Upper

152 100

115 57.5 28.8 86.5

150 154.0 0.0 348.8

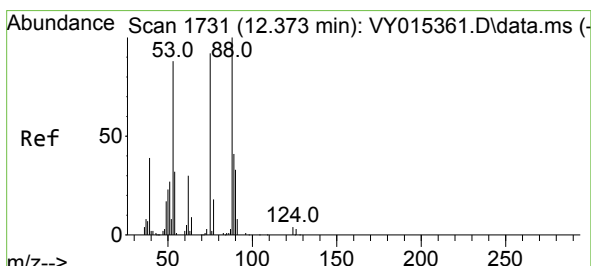
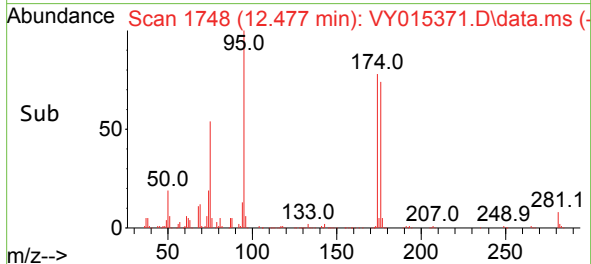
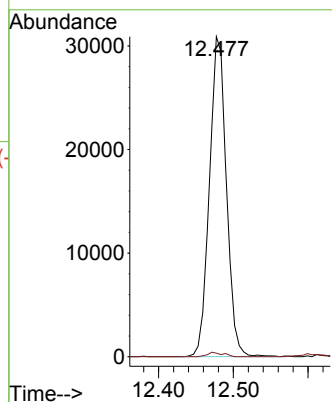
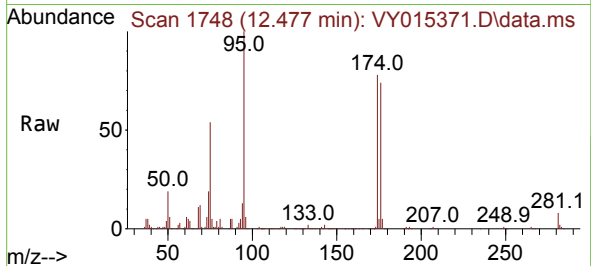




#76
1,2,3-Trichloropropane
Concen: 38.042 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY015371.D
Acq: 30 Aug 2023 12:41

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 48690
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 83.573 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY015371.D
Acq: 30 Aug 2023 12:41

Tgt Ion: 75 Resp: 48690
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.1 37.4 56.0#

