

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090723\
 Data File : VY015471.D
 Acq On : 07 Sep 2023 16:54
 Operator : SY/MD
 Sample : 04336-05
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 07 23:10:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

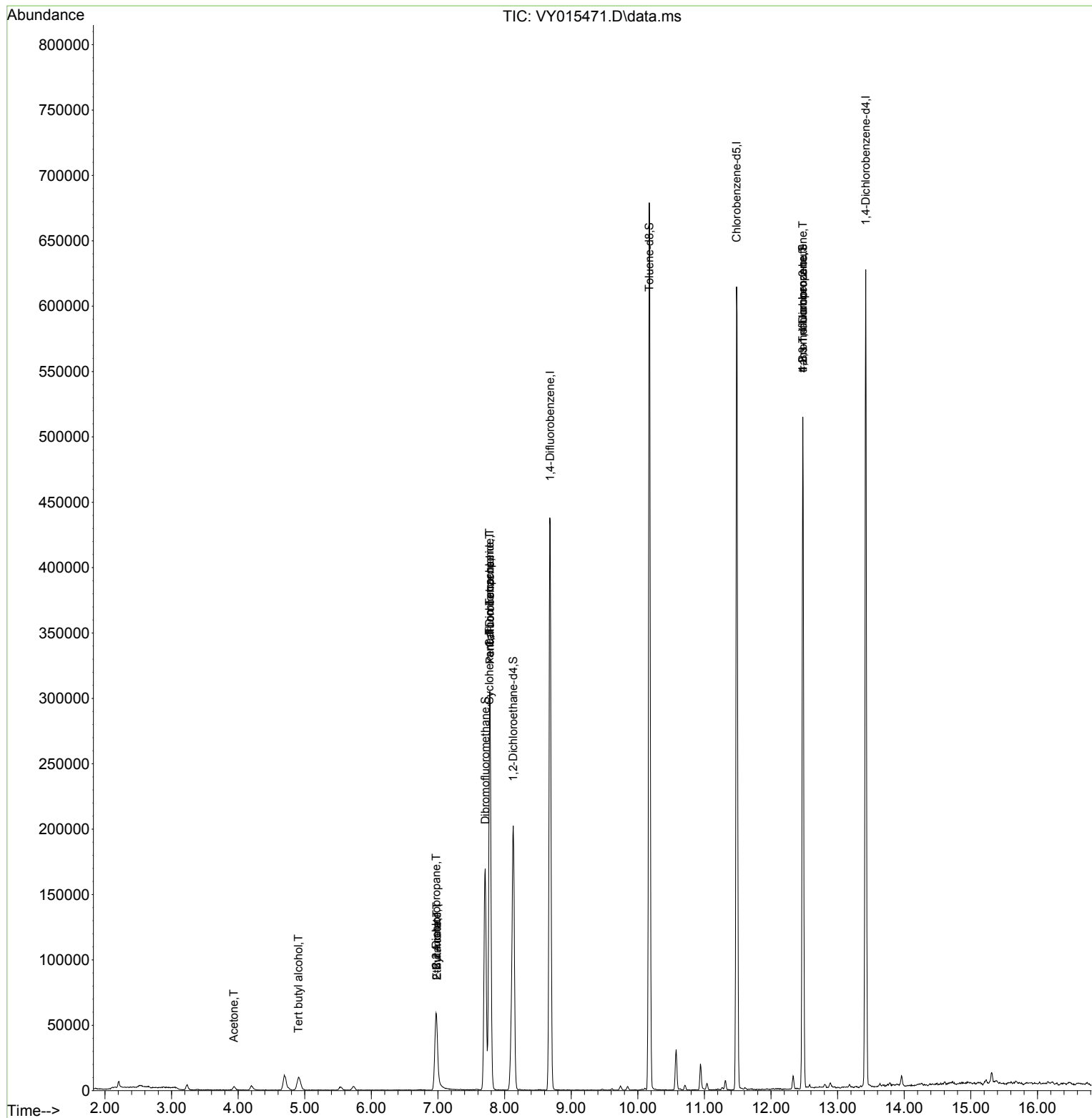
Internal Standards						
1) Pentafluorobenzene	7.783	168	237807	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	386005	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	334312	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	155492	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	144254	56.587	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.180%	
35) Dibromofluoromethane	7.710	113	119023	53.534	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.060%	
50) Toluene-d8	10.173	98	445567	55.340	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.680%	
62) 4-Bromofluorobenzene	12.477	95	147619	49.388	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 98.780%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.905	59	10245	1.714	ug/l #	90
16) Acetone	3.936	43	4836	4.545	ug/l #	82
20) Methylene Chloride	4.692	84	8480	Below Cal		90
25) 2-Butanone	6.984	43	3324	2.203	ug/l #	65
26) 2,2-Dichloropropane	6.972	77	4437	1.098	ug/l #	54
31) Cyclohexane	7.771	56	4884	1.079	ug/l #	6
36) 1,1-Dichloropropene	7.777	75	17802	4.560	ug/l #	50
37) Ethyl Acetate	6.984	43	3324	1.104	ug/l #	71
38) Carbon Tetrachloride	7.777	117	23121	5.734	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	80017	38.806	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	80017	85.601	ug/l #	11

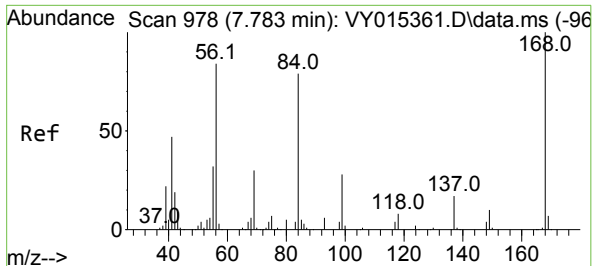
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
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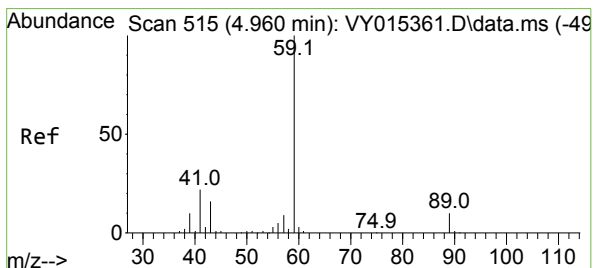
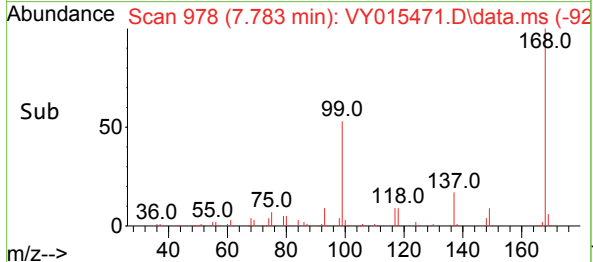
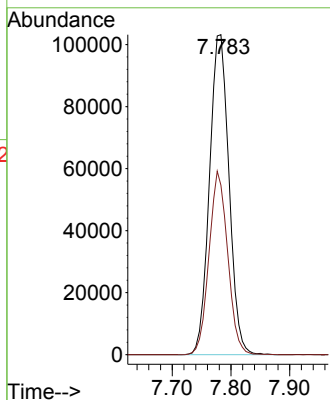
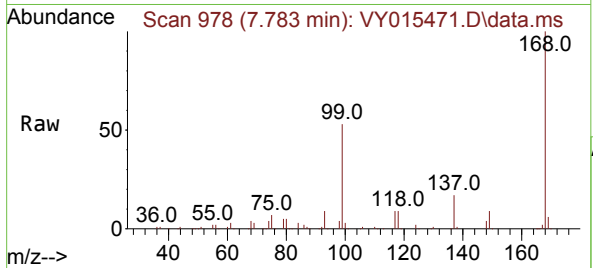




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015471.D
Acq: 07 Sep 2023 16:54

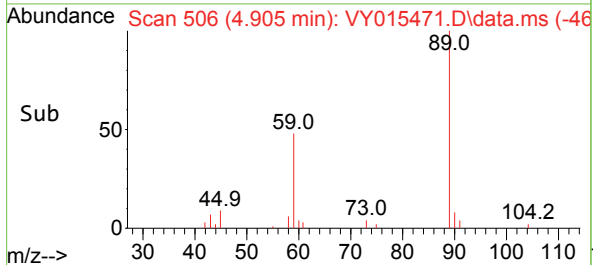
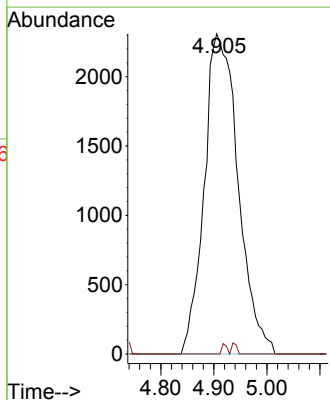
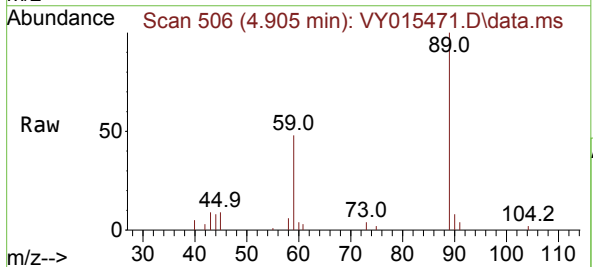
Instrument :
MSVOA_Y
ClientSampleId :

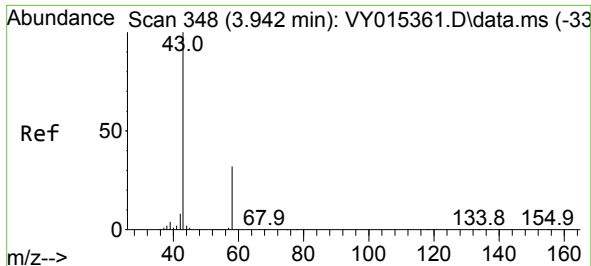
Tgt Ion:168 Resp: 237807
Ion Ratio Lower Upper
168 100
99 52.9 43.4 65.0



#11
Tert butyl alcohol
Concen: 1.714 ug/l
RT: 4.905 min Scan# 506
Delta R.T. -0.049 min
Lab File: VY015471.D
Acq: 07 Sep 2023 16:54

Tgt Ion: 59 Resp: 10245
Ion Ratio Lower Upper
59 100
57 0.5 3.0 4.4#

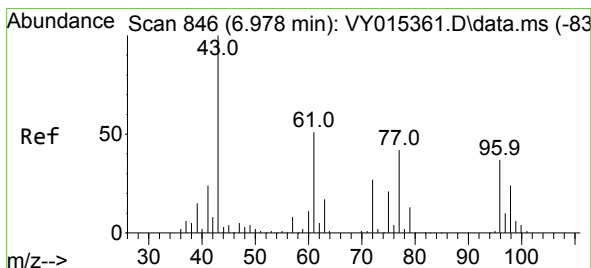
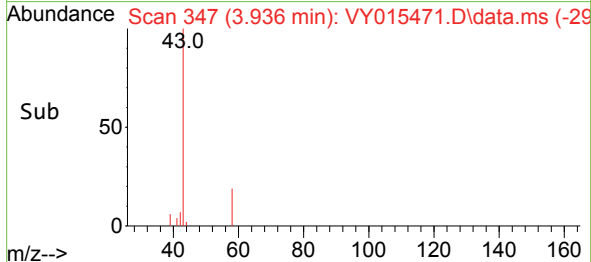
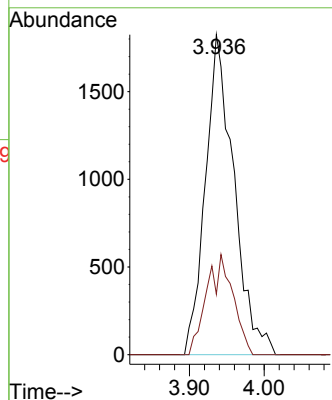
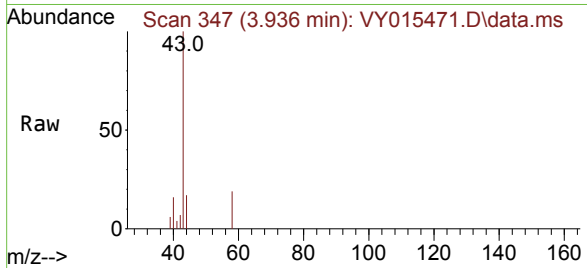




#16
Acetone
Concen: 4.545 ug/l
RT: 3.936 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY015471.D
Acq: 07 Sep 2023 16:54

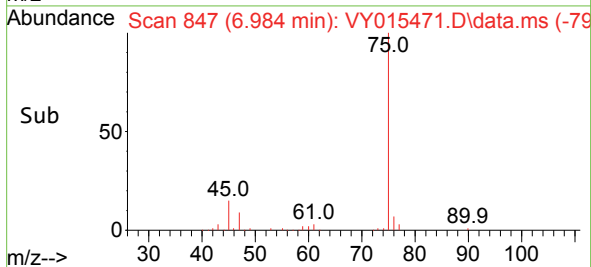
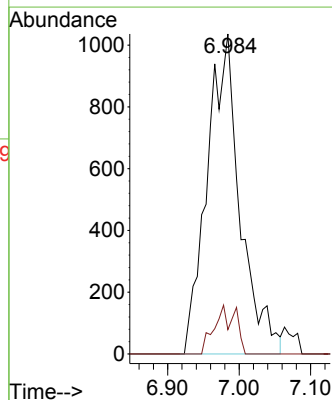
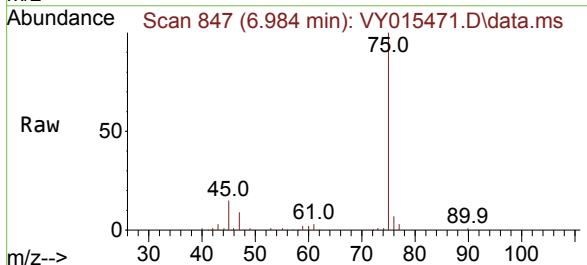
Instrument :
MSVOA_Y
ClientSampleId :

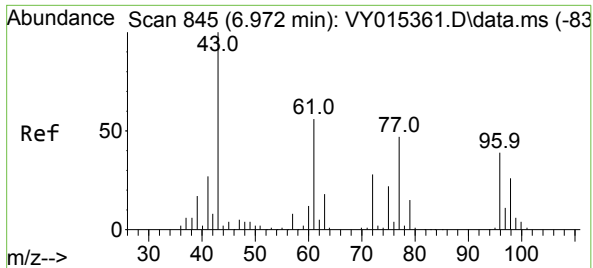
Tgt Ion: 43 Resp: 4836
Ion Ratio Lower Upper
43 100
58 18.9 22.7 34.1#



#25
2-Butanone
Concen: 2.203 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY015471.D
Acq: 07 Sep 2023 16:54

Tgt Ion: 43 Resp: 3324
Ion Ratio Lower Upper
43 100
72 7.6 20.5 30.7#

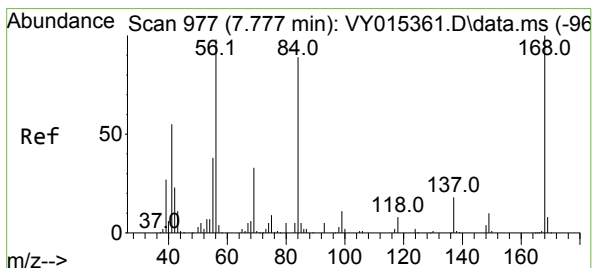
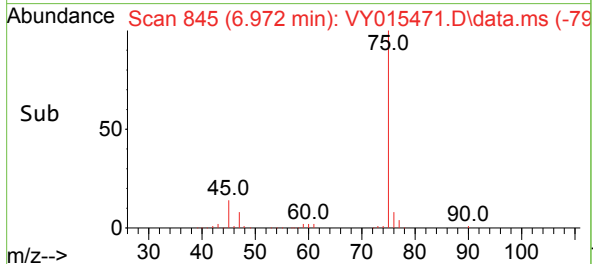
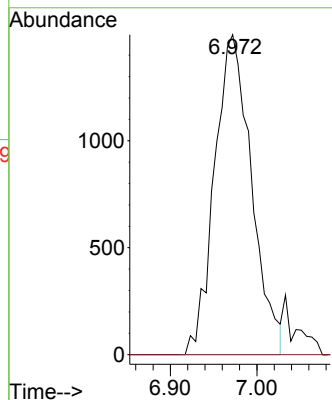
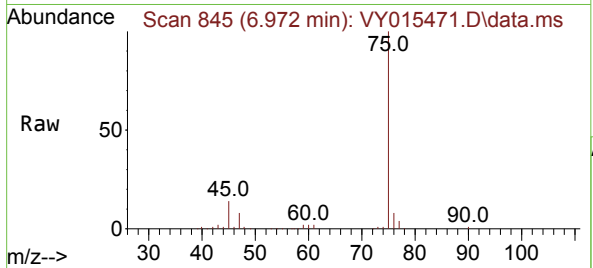




#26
2,2-Dichloropropane
Concen: 1.098 ug/l
RT: 6.972 min Scan# 845
Delta R.T. 0.000 min
Lab File: VY015471.D
Acq: 07 Sep 2023 16:54

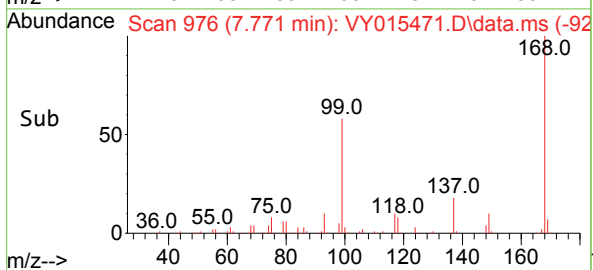
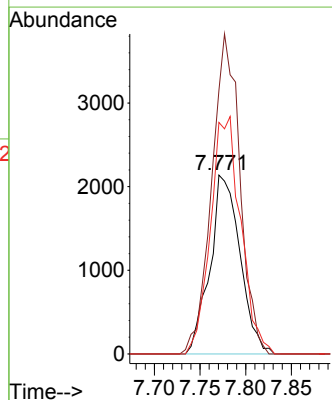
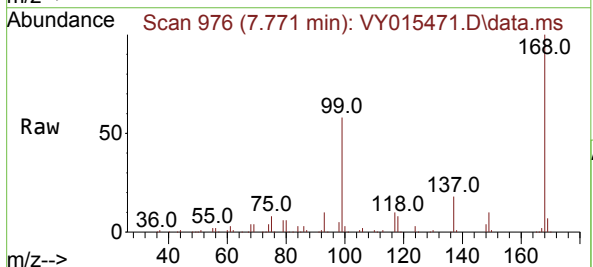
Instrument :
MSVOA_Y
ClientSampleId :

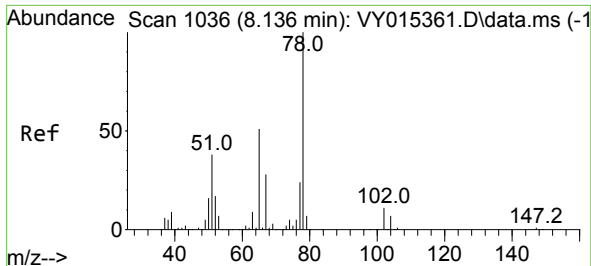
Tgt Ion: 77 Resp: 4437
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#



#31
Cyclohexane
Concen: 1.079 ug/l
RT: 7.771 min Scan# 976
Delta R.T. -0.012 min
Lab File: VY015471.D
Acq: 07 Sep 2023 16:54

Tgt Ion: 56 Resp: 4884
Ion Ratio Lower Upper
56 100
69 147.3 27.8 41.6#
84 129.5 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 56.587 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY015471.D

Acq: 07 Sep 2023 16:54

Instrument :

MSVOA_Y

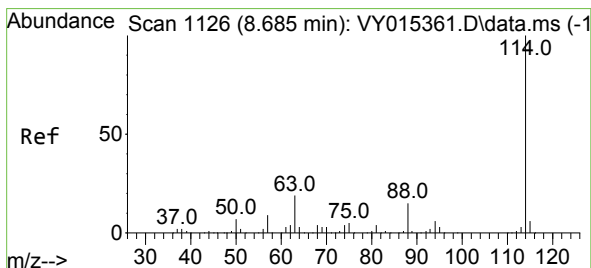
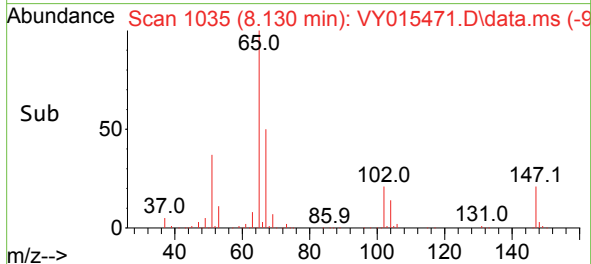
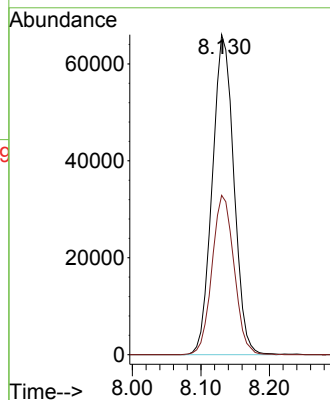
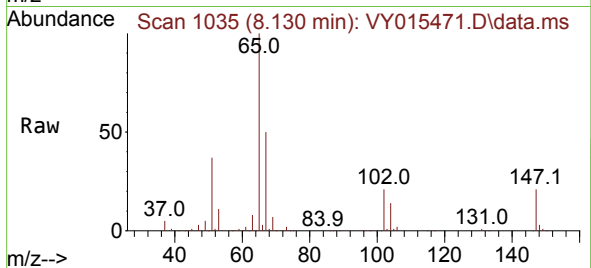
ClientSampleId :

Tgt Ion: 65 Resp: 144254

Ion Ratio Lower Upper

65 100

67 50.9 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: VY015471.D

Acq: 07 Sep 2023 16:54

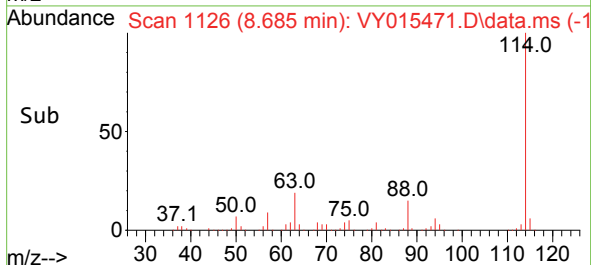
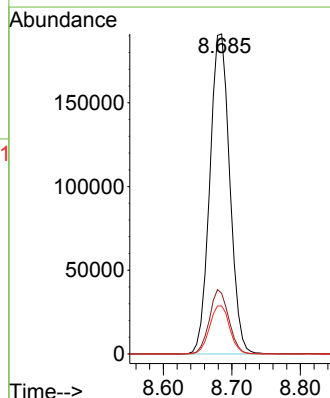
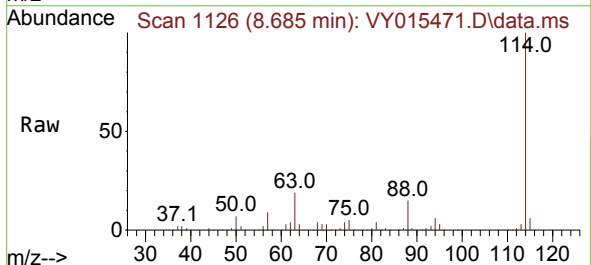
Tgt Ion:114 Resp: 386005

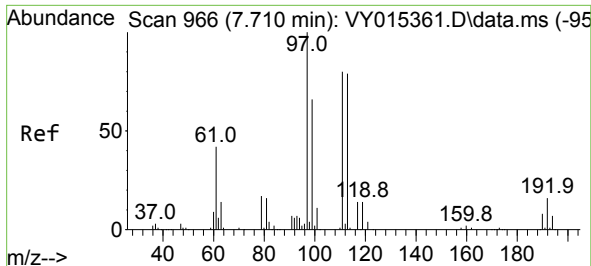
Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.4

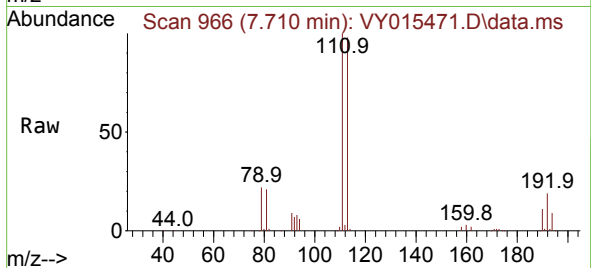
88 15.0 0.0 30.6



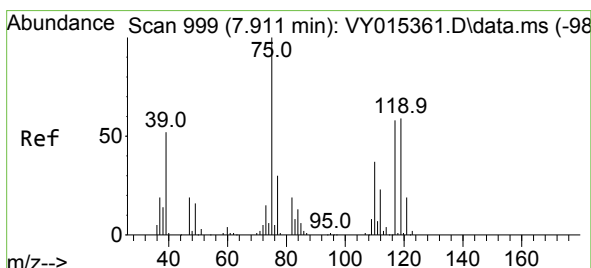
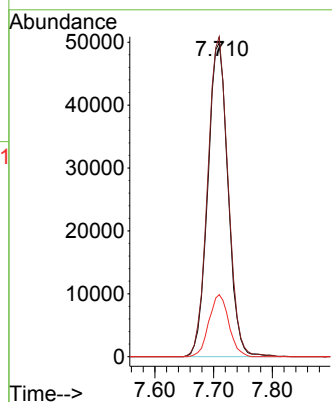
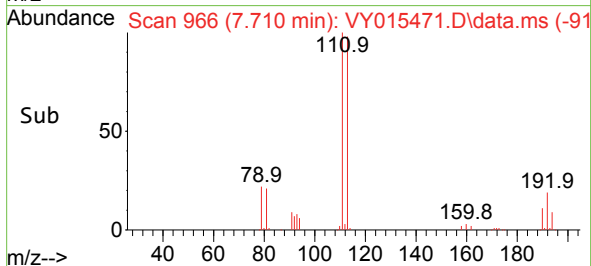


#35
Dibromofluoromethane
Concen: 53.534 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY015471.D
Acq: 07 Sep 2023 16:54

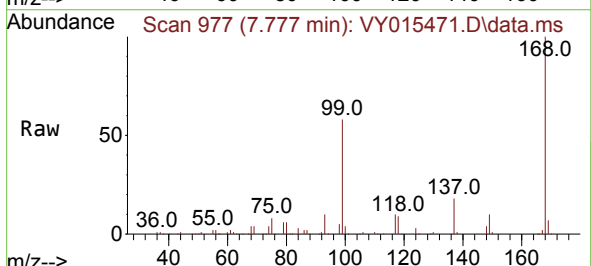
Instrument :
MSVOA_Y
ClientSampleId :



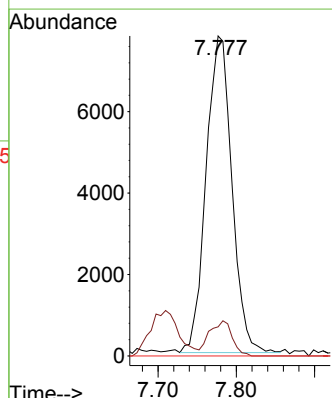
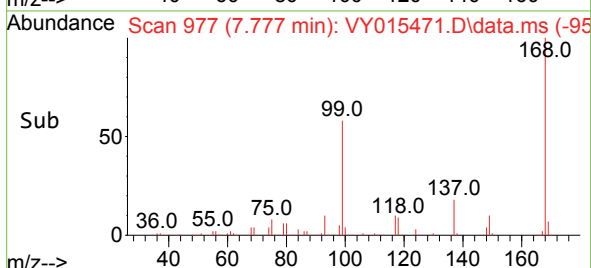
Tgt Ion:113 Resp: 119023
Ion Ratio Lower Upper
113 100
111 103.1 81.3 121.9
192 19.5 16.9 25.3

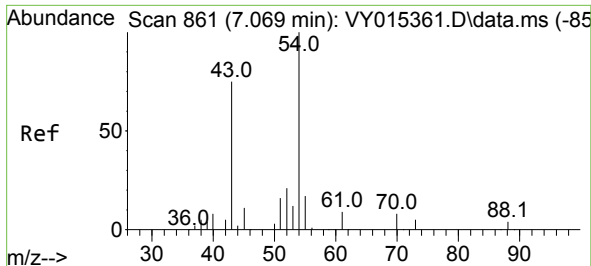


#36
1,1-Dichloropropene
Concen: 4.560 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.134 min
Lab File: VY015471.D
Acq: 07 Sep 2023 16:54



Tgt Ion: 75 Resp: 17802
Ion Ratio Lower Upper
75 100
110 9.7 17.8 53.5#
77 0.0 24.4 36.6#

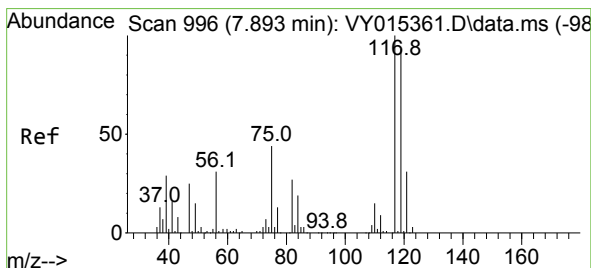
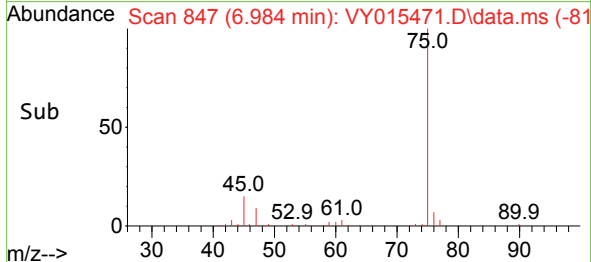
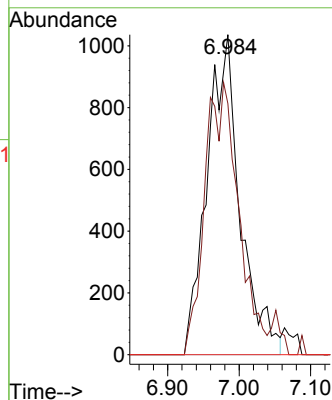
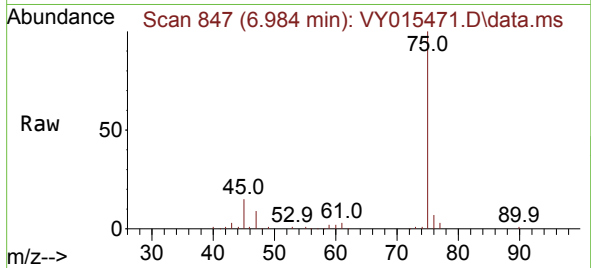




#37
Ethyl Acetate
Concen: 1.104 ug/l
RT: 6.984 min Scan# 84
Delta R.T. -0.079 min
Lab File: VY015471.D
Acq: 07 Sep 2023 16:54

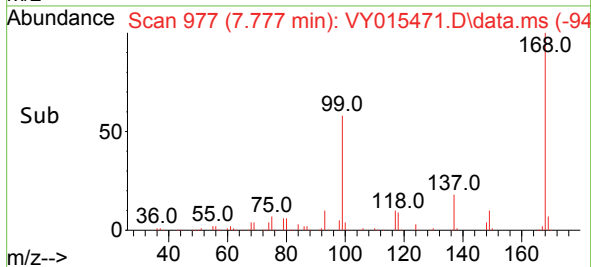
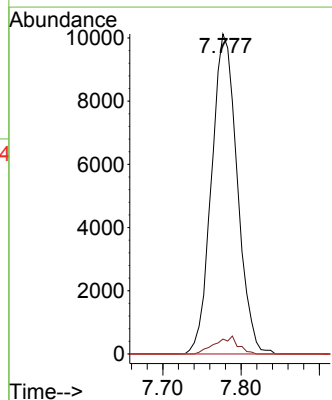
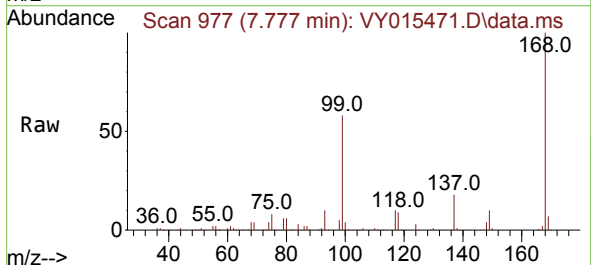
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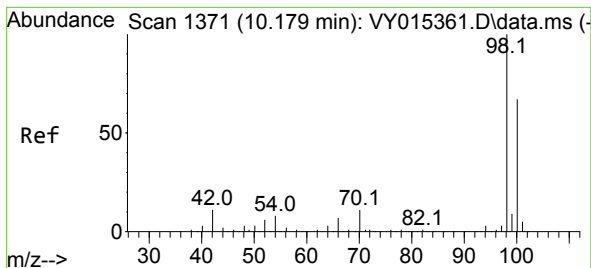
Tgt Ion: 43 Resp: 3324
Ion Ratio Lower Upper
43 100
61 0.0 10.1 15.1#
70 0.0 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 5.734 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.116 min
Lab File: VY015471.D
Acq: 07 Sep 2023 16:54

Tgt Ion: 117 Resp: 23121
Ion Ratio Lower Upper
117 100
119 4.7 76.4 114.6#
121 0.0 25.8 38.6#

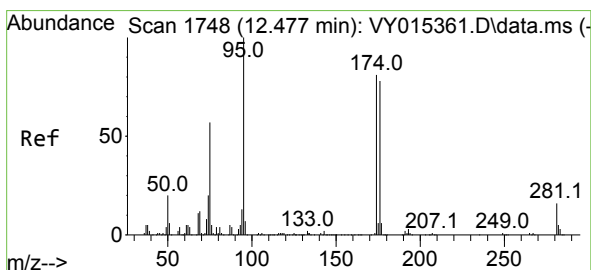
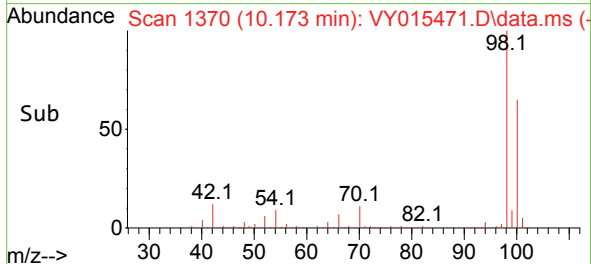
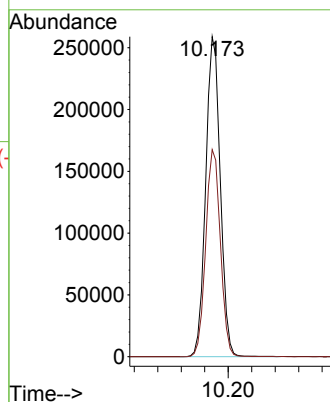
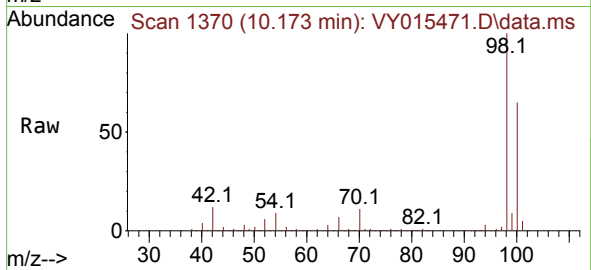




#50
Toluene-d8
Concen: 55.340 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015471.D
Acq: 07 Sep 2023 16:54

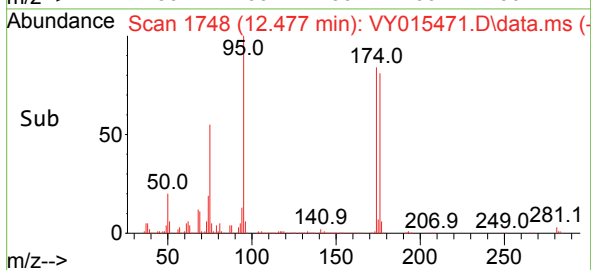
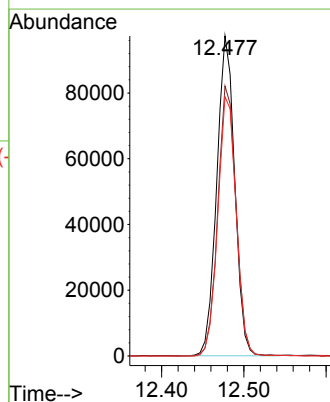
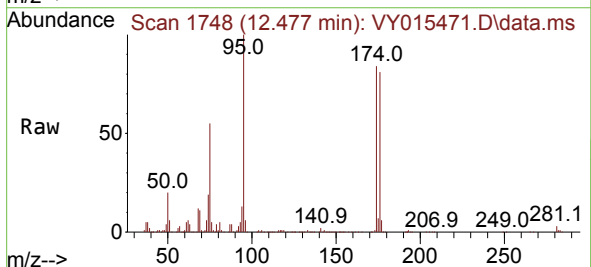
Instrument :
MSVOA_Y
ClientSampleId :

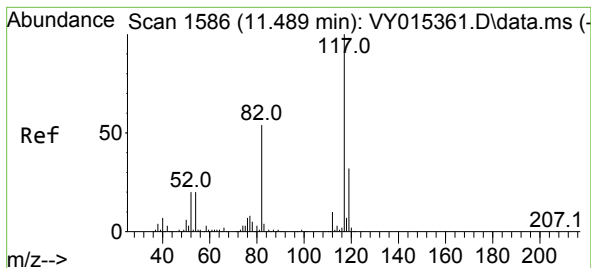
Tgt Ion: 98 Resp: 445567
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 49.388 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015471.D
Acq: 07 Sep 2023 16:54

Tgt Ion: 95 Resp: 147619
Ion Ratio Lower Upper
95 100
174 86.2 0.0 178.2
176 83.1 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.006 min

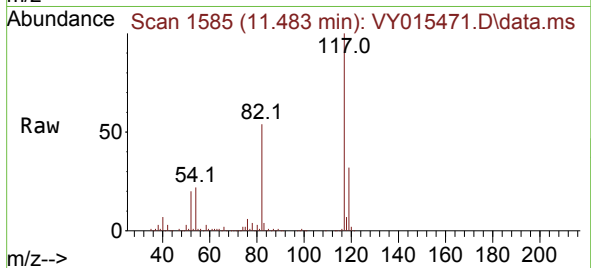
Lab File: VY015471.D

Acq: 07 Sep 2023 16:54

Instrument :

MSVOA_Y

ClientSampleId :



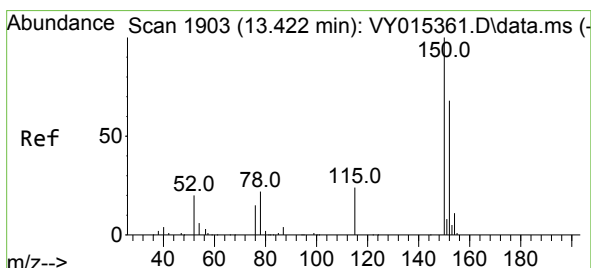
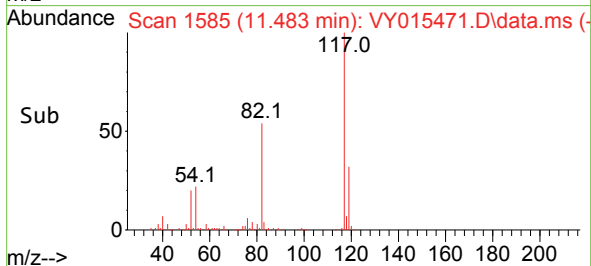
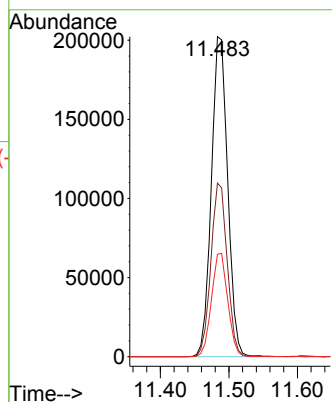
Tgt Ion:117 Resp: 334312

Ion Ratio Lower Upper

117 100

82 54.2 43.4 65.0

119 32.0 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: VY015471.D

Acq: 07 Sep 2023 16:54

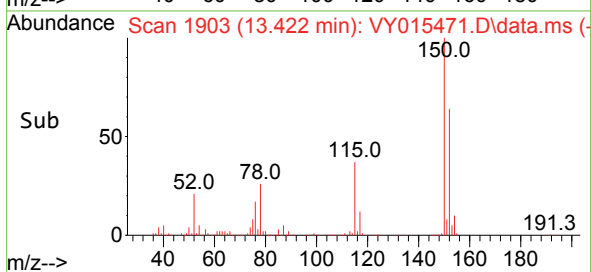
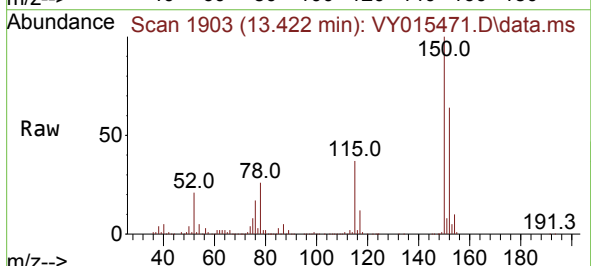
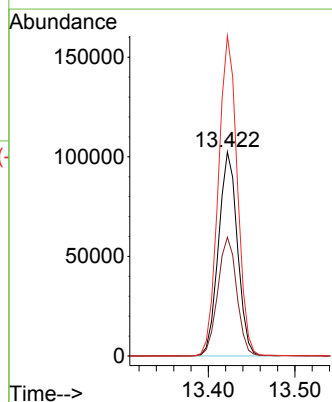
Tgt Ion:152 Resp: 155492

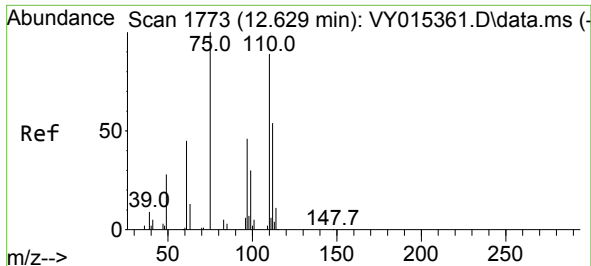
Ion Ratio Lower Upper

152 100

115 58.7 28.8 86.5

150 157.3 0.0 348.8

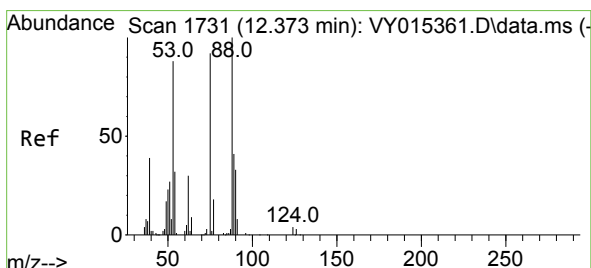
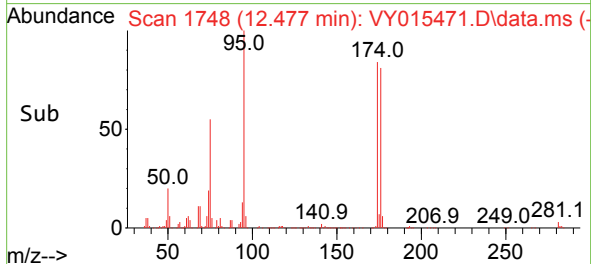
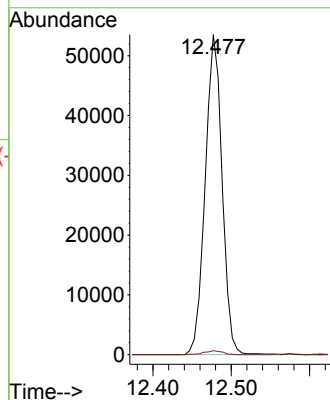
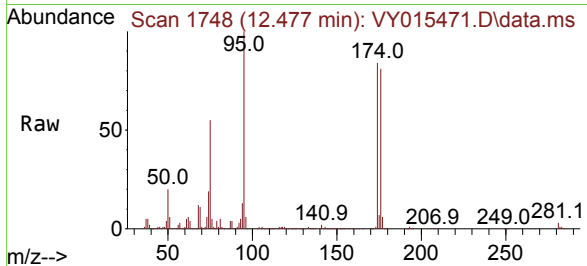




#76
1,2,3-Trichloropropane
Concen: 38.806 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY015471.D
Acq: 07 Sep 2023 16:54

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 80017
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.601 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY015471.D
Acq: 07 Sep 2023 16:54

Tgt Ion: 75 Resp: 80017
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.1 37.4 56.0#

