

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090123\
 Data File : VY015415.D
 Acq On : 01 Sep 2023 15:07
 Operator : SY/MD
 Sample : 04257-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-2-083123

Quant Time: Sep 01 23:42:14 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)

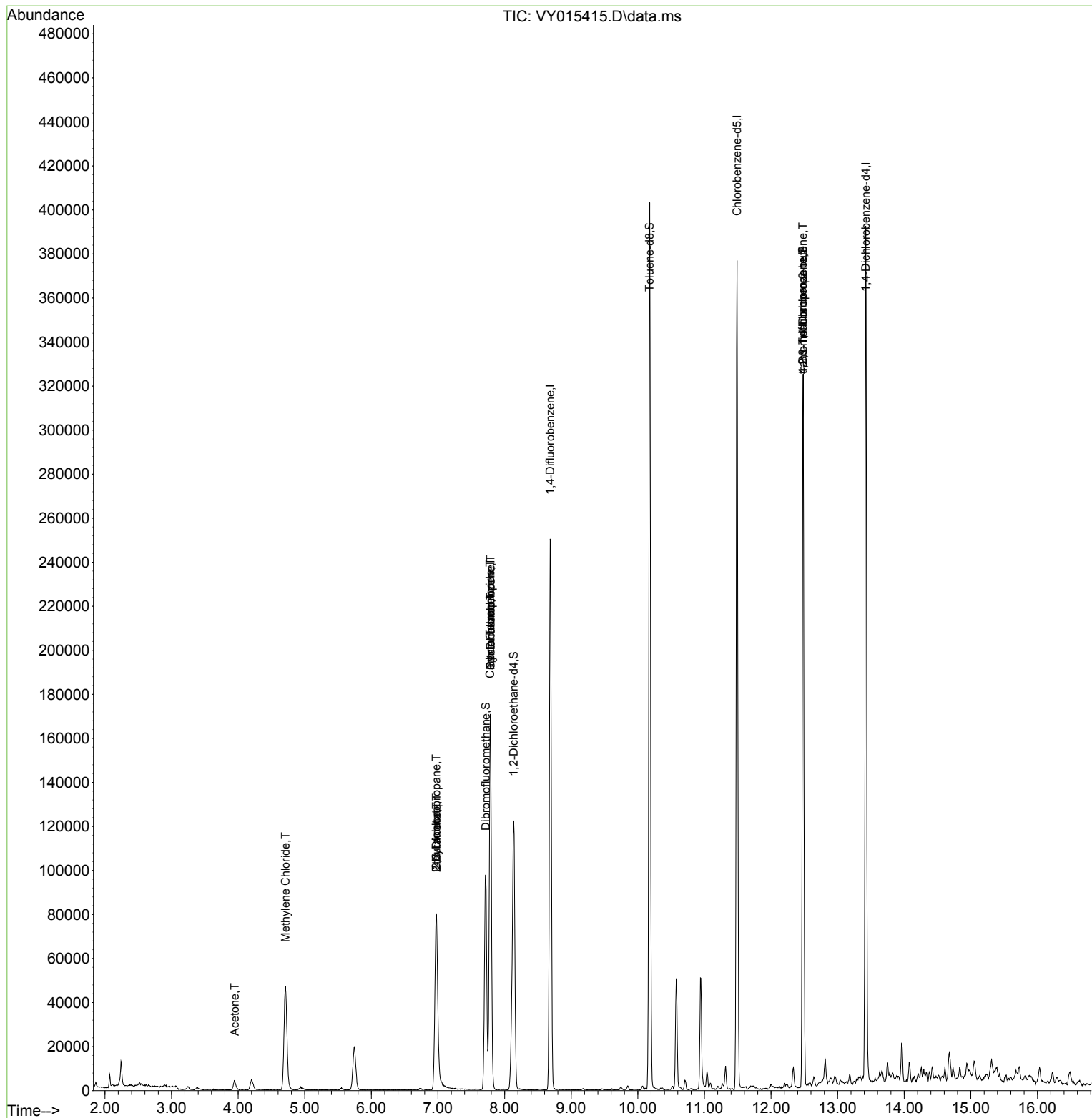
Internal Standards						
1) Pentafluorobenzene	7.789	168	131868	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	219718	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	201435	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	98851	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	86864	61.449	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.900%	
35) Dibromofluoromethane	7.716	113	69260	54.728	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.460%	
50) Toluene-d8	10.179	98	257333	56.150	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.300%	
62) 4-Bromofluorobenzene	12.477	95	89018	52.322	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.640%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	1183	Below Cal	#	83
16) Acetone	3.948	43	7267	12.316	ug/l	92
20) Methylene Chloride	4.710	84	35073	13.695	ug/l	92
25) 2-Butanone	6.978	43	4782	5.714	ug/l #	79
26) 2,2-Dichloropropane	6.972	77	6444	2.875	ug/l #	54
31) Cyclohexane	7.789	56	2832	1.128	ug/l #	13
36) 1,1-Dichloropropene	7.789	75	11165	5.024	ug/l #	49
37) Ethyl Acetate	6.978	43	4782	2.790	ug/l #	1
38) Carbon Tetrachloride	7.783	117	12824	5.588	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	49042	37.412	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	49042	82.527	ug/l #	11

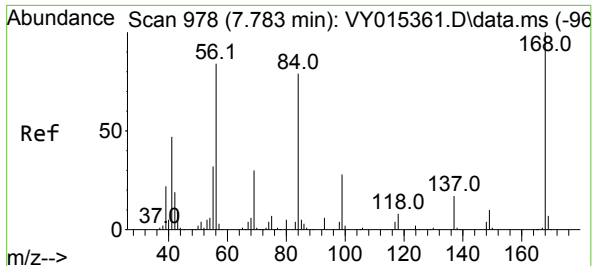
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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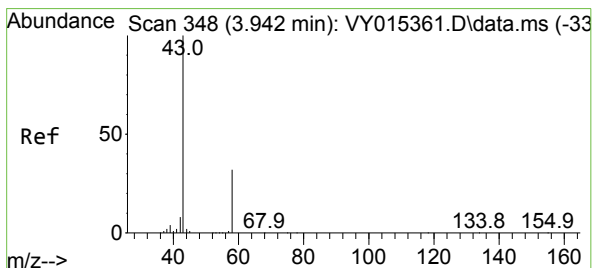
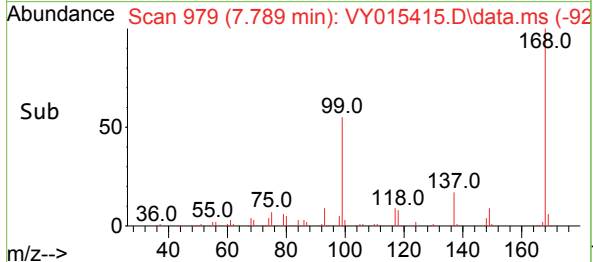
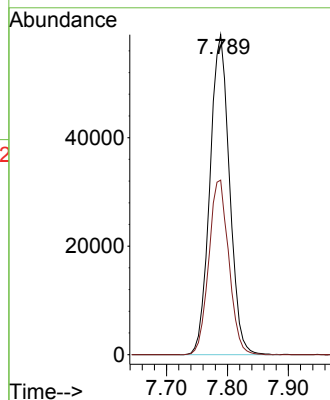
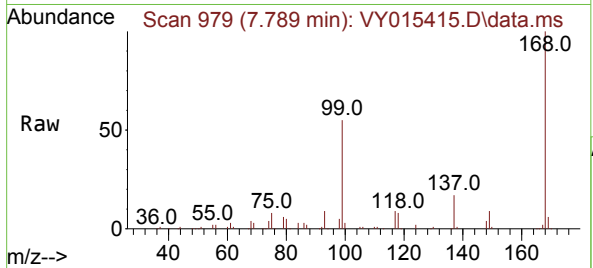




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015415.D
Acq: 01 Sep 2023 15:07

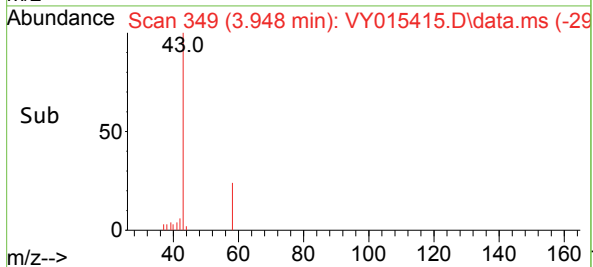
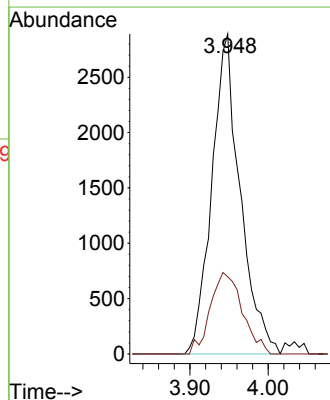
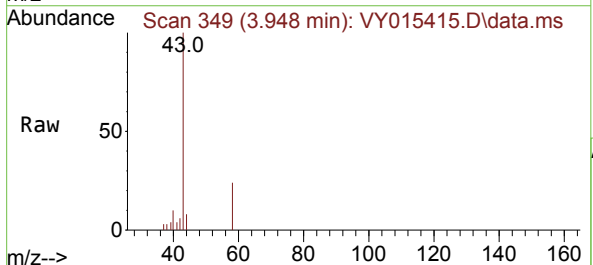
Instrument :
MSVOA_Y
ClientSampleId :
CL-2-083123

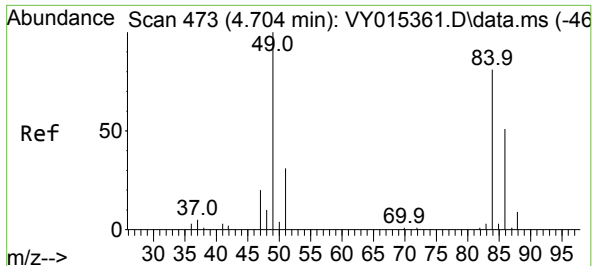
Tgt Ion:168 Resp: 131868
Ion Ratio Lower Upper
168 100
99 54.6 43.4 65.0



#16
Acetone
Concen: 12.316 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015415.D
Acq: 01 Sep 2023 15:07

Tgt Ion: 43 Resp: 7267
Ion Ratio Lower Upper
43 100
58 24.1 22.7 34.1



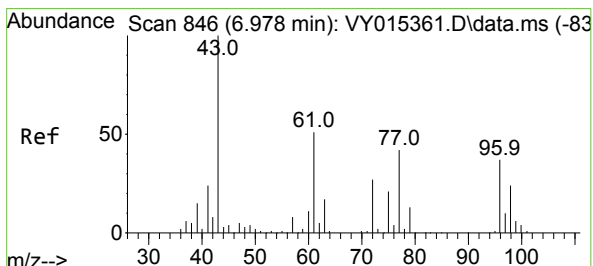
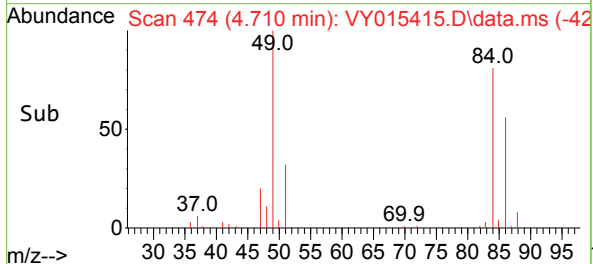
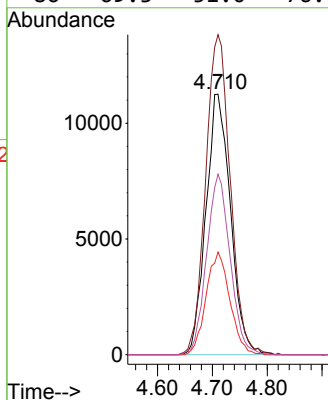
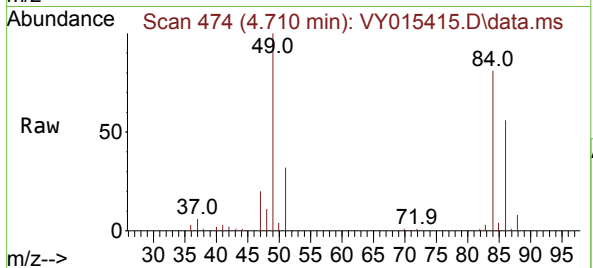


#20
Methylene Chloride
Concen: 13.695 ug/l
RT: 4.710 min Scan# 473
Delta R.T. 0.006 min
Lab File: VY015415.D
Acq: 01 Sep 2023 15:07

Instrument :
MSVOA_Y
ClientSampleId :
CL-2-083123

Tgt Ion: 84 Resp: 35073

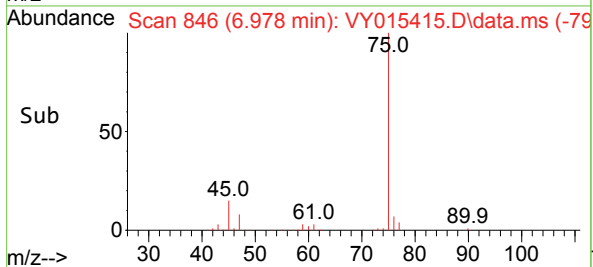
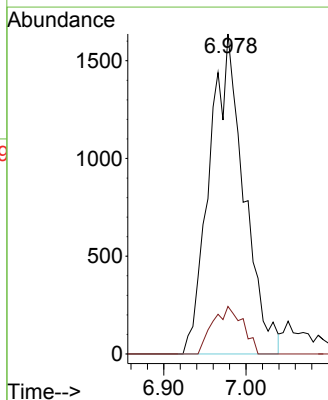
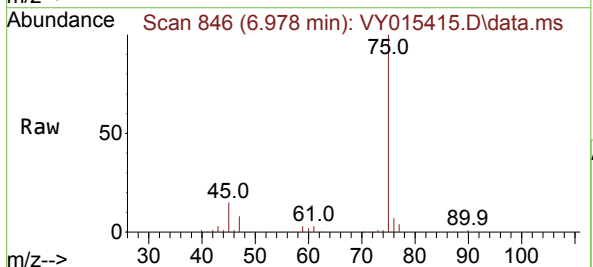
Ion	Ratio	Lower	Upper
84	100		
49	122.8	106.9	160.3
51	39.4	33.2	49.8
86	69.3	51.0	76.6

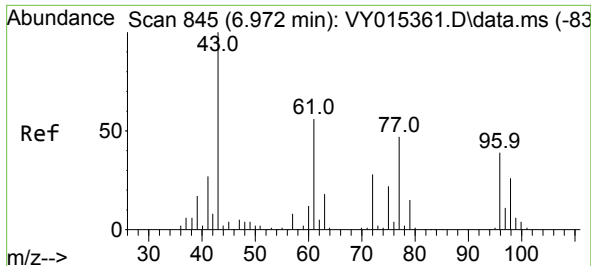


#25
2-Butanone
Concen: 5.714 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY015415.D
Acq: 01 Sep 2023 15:07

Tgt Ion: 43 Resp: 4782

Ion	Ratio	Lower	Upper
43	100		
72	14.8	20.5	30.7#





#26

2,2-Dichloropropane

Concen: 2.875 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY015415.D

Acq: 01 Sep 2023 15:07

Instrument :

MSVOA_Y

ClientSampleId :

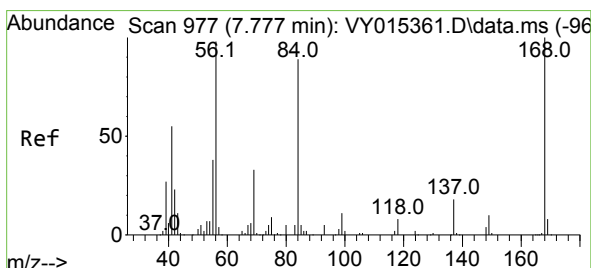
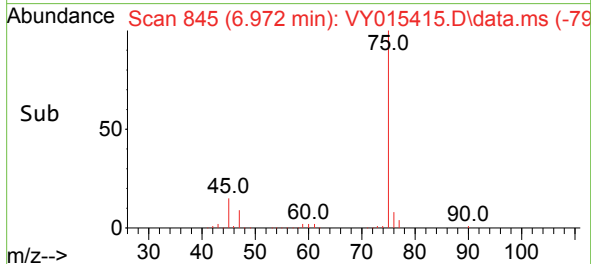
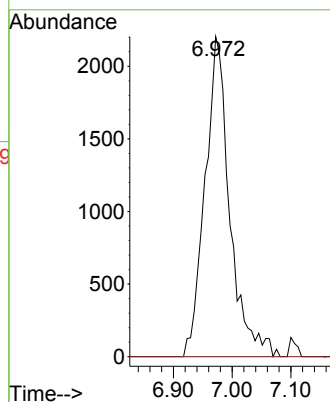
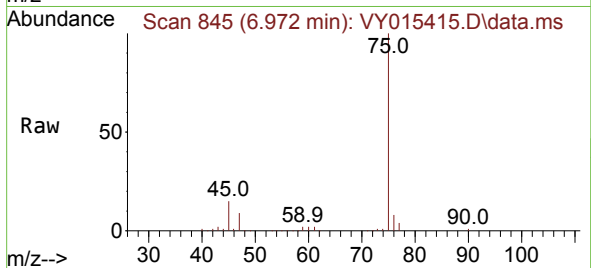
CL-2-083123

Tgt Ion: 77 Resp: 6444

Ion Ratio Lower Upper

77 100

97 0.0 10.9 32.9#



#31

Cyclohexane

Concen: 1.128 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.006 min

Lab File: VY015415.D

Acq: 01 Sep 2023 15:07

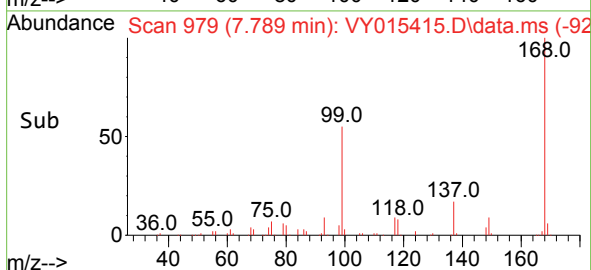
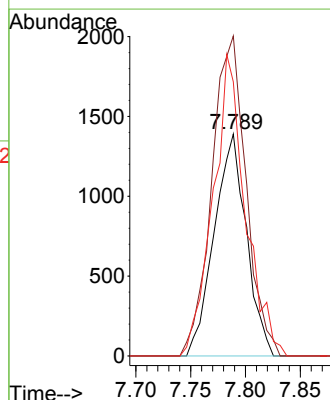
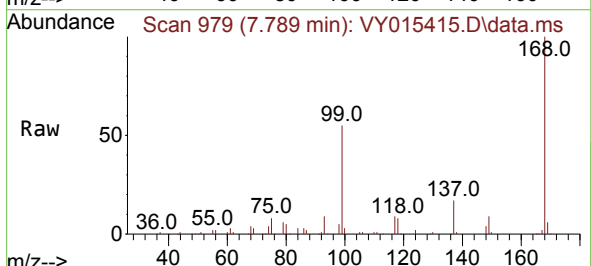
Tgt Ion: 56 Resp: 2832

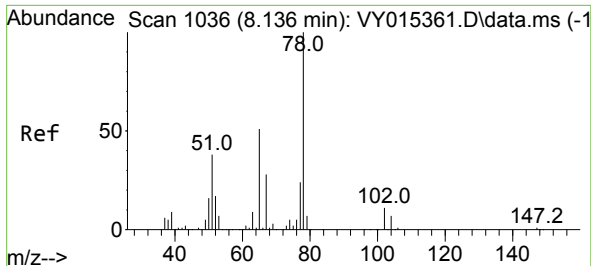
Ion Ratio Lower Upper

56 100

69 144.2 27.8 41.6#

84 123.5 66.4 99.6#

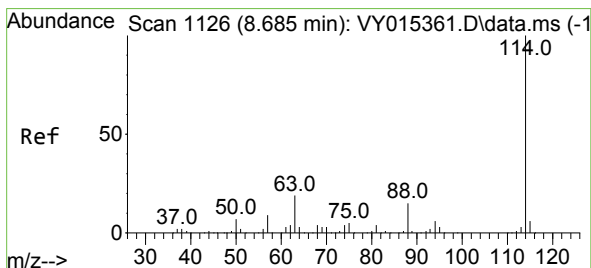
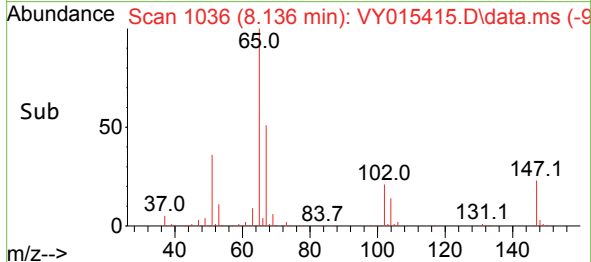
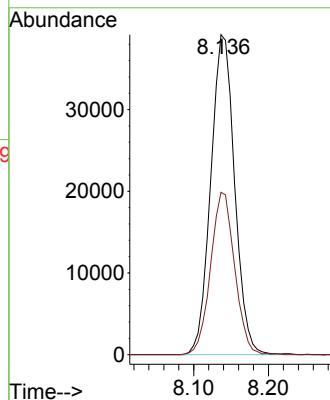
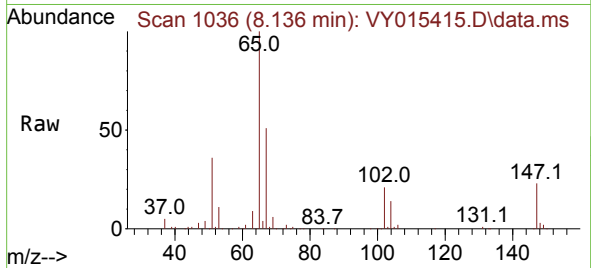




#33
 1,2-Dichloroethane-d4
 Concen: 61.449 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY015415.D
 Acq: 01 Sep 2023 15:07

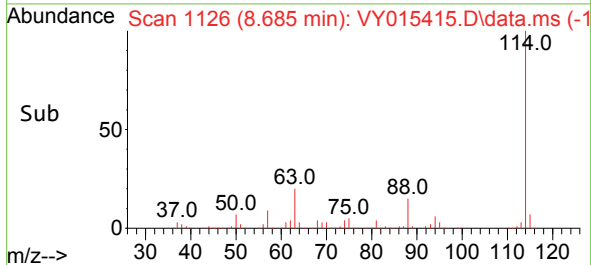
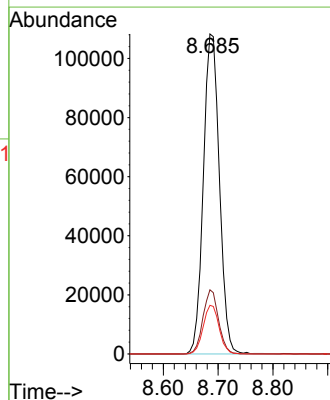
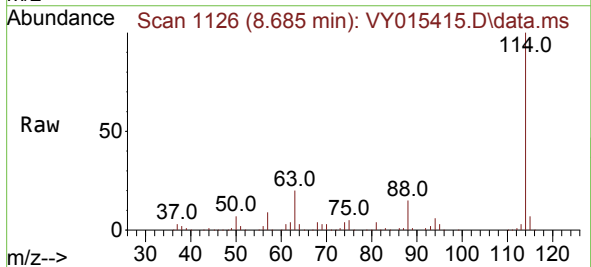
Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-2-083123

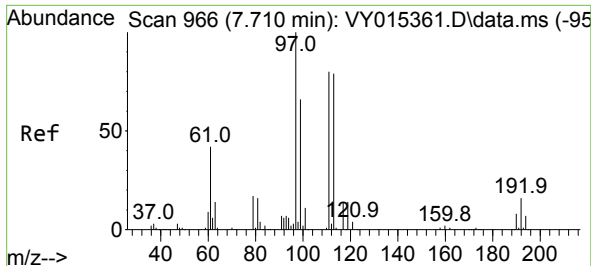
Tgt Ion: 65 Resp: 86864
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY015415.D
 Acq: 01 Sep 2023 15:07

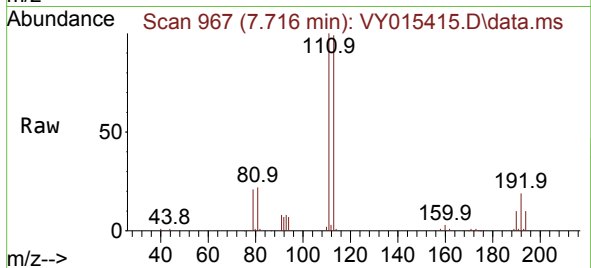
Tgt Ion: 114 Resp: 219718
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 42.4
 88 15.2 0.0 30.6



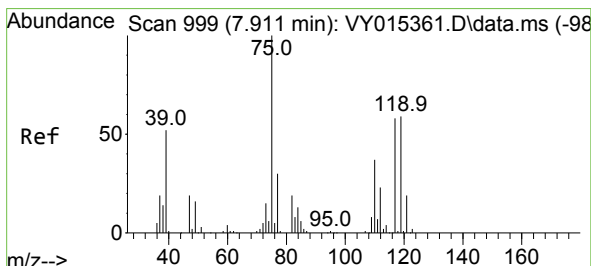
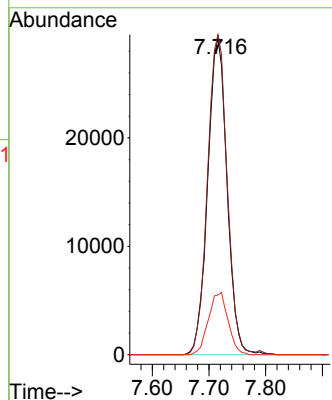
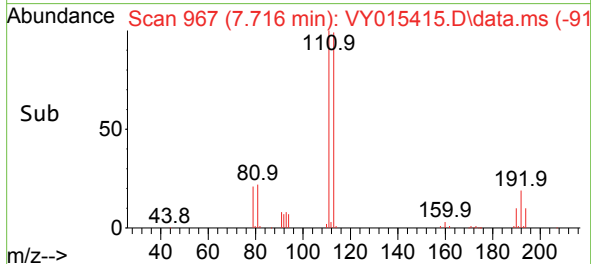


#35
Dibromofluoromethane
Concen: 54.728 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY015415.D
Acq: 01 Sep 2023 15:07

Instrument :
MSVOA_Y
ClientSampleId :
CL-2-083123

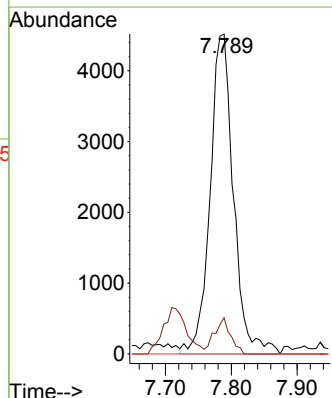
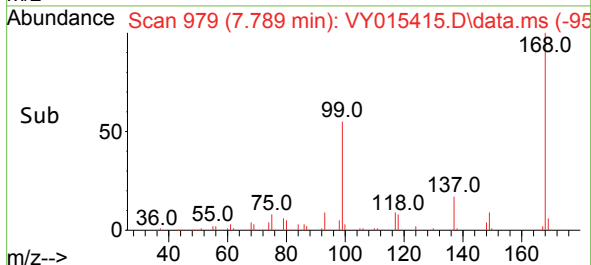
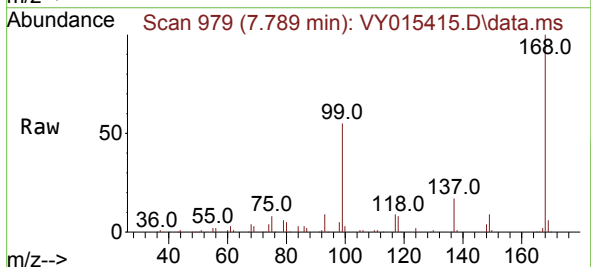


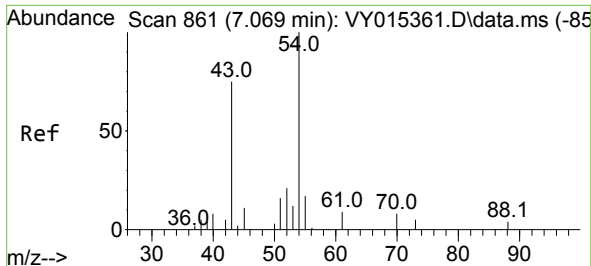
Tgt Ion:113 Resp: 69260
Ion Ratio Lower Upper
113 100
111 102.5 81.3 121.9
192 20.0 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.024 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY015415.D
Acq: 01 Sep 2023 15:07

Tgt Ion: 75 Resp: 11165
Ion Ratio Lower Upper
75 100
110 7.8 17.8 53.5#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 2.790 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.085 min

Lab File: VY015415.D

Acq: 01 Sep 2023 15:07

Instrument :

MSVOA_Y

ClientSampleId :

CL-2-083123

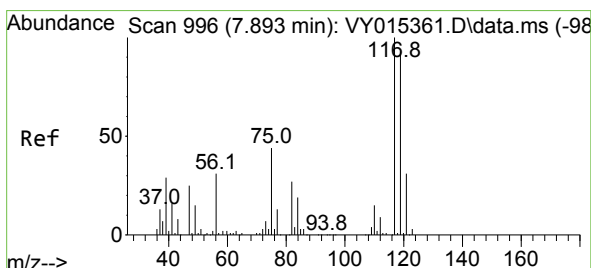
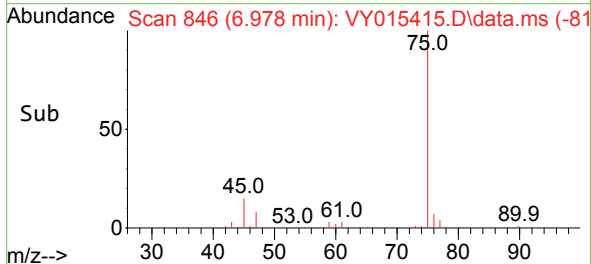
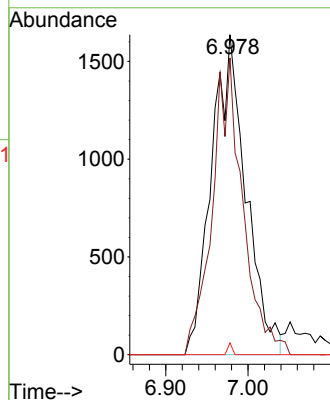
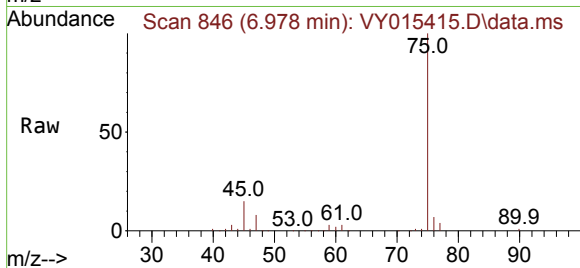
Tgt Ion: 43 Resp: 4782

Ion Ratio Lower Upper

43 100

61 81.4 10.1 15.1#

70 0.5 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 5.588 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.110 min

Lab File: VY015415.D

Acq: 01 Sep 2023 15:07

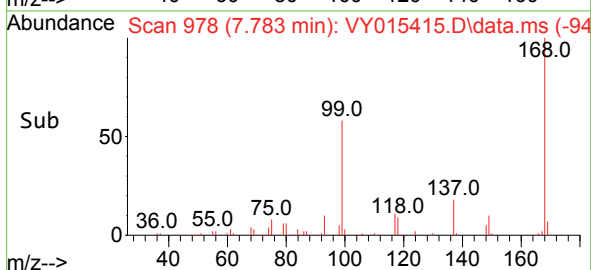
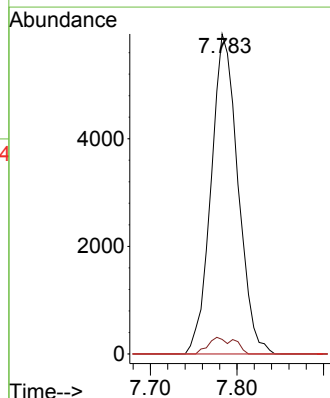
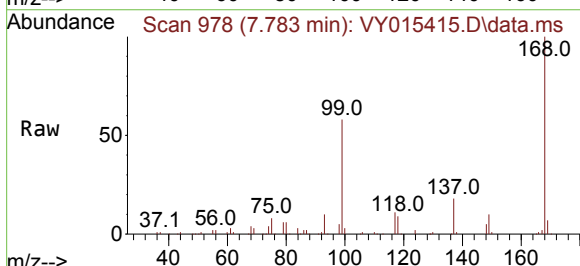
Tgt Ion: 117 Resp: 12824

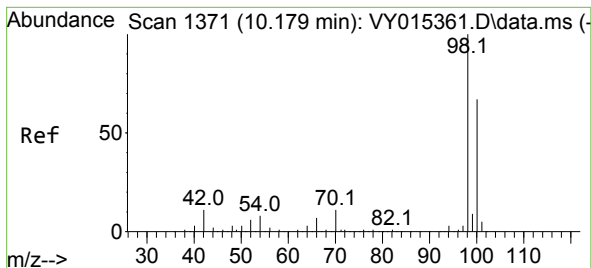
Ion Ratio Lower Upper

117 100

119 4.6 76.4 114.6#

121 0.0 25.8 38.6#

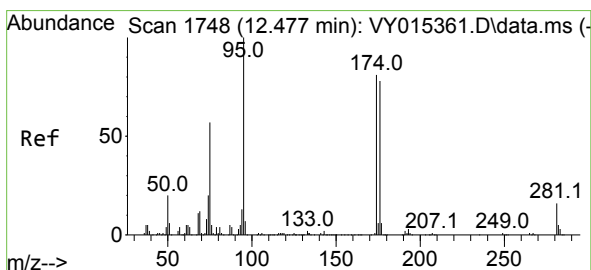
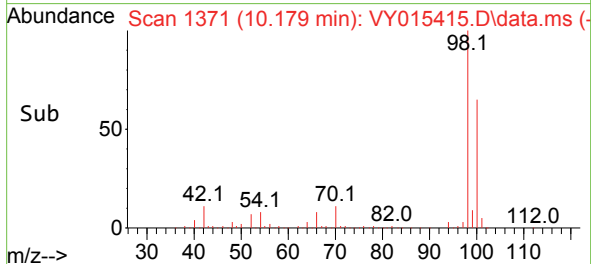
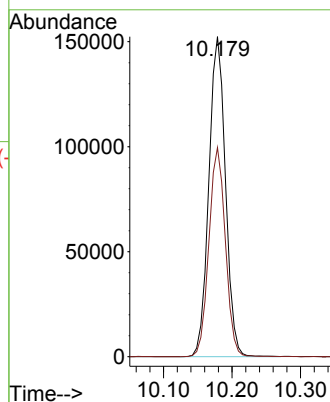
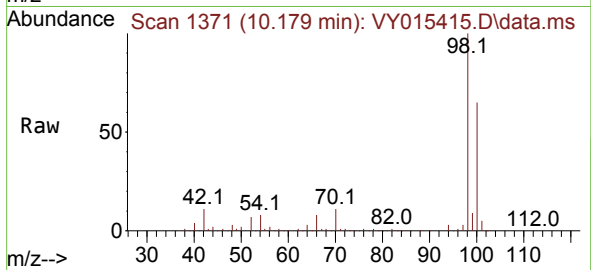




#50
Toluene-d8
Concen: 56.150 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015415.D
Acq: 01 Sep 2023 15:07

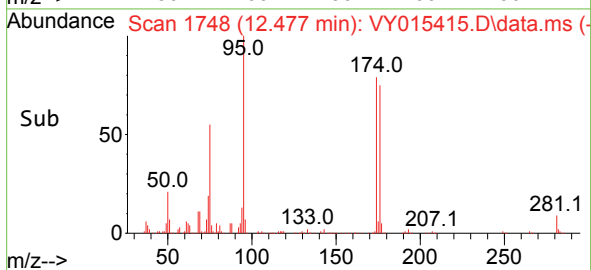
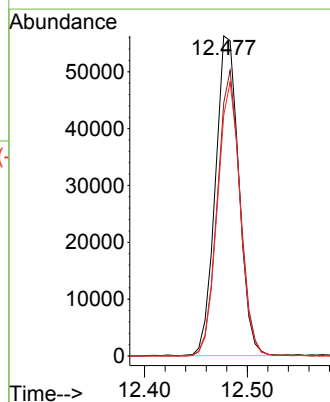
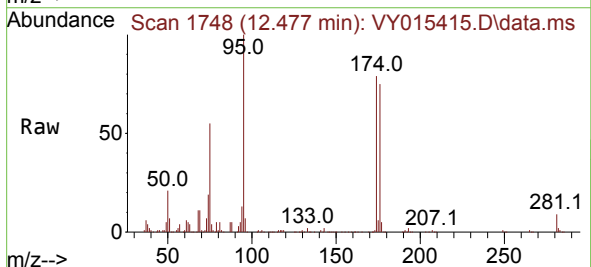
Instrument :
MSVOA_Y
ClientSampleId :
CL-2-083123

Tgt Ion: 98 Resp: 257333
Ion Ratio Lower Upper
98 100
100 64.7 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 52.322 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015415.D
Acq: 01 Sep 2023 15:07

Tgt Ion: 95 Resp: 89018
Ion Ratio Lower Upper
95 100
174 86.8 0.0 178.2
176 83.4 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015415.D

Acq: 01 Sep 2023 15:07

Instrument :

MSVOA_Y

ClientSampleId :

CL-2-083123

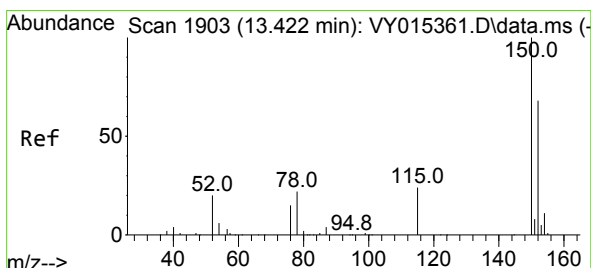
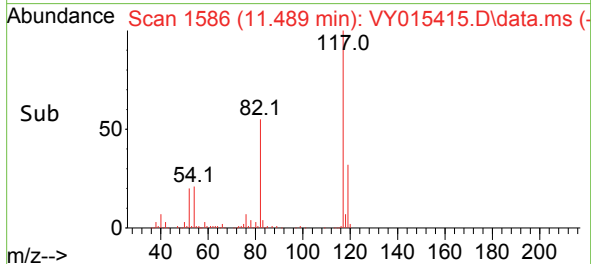
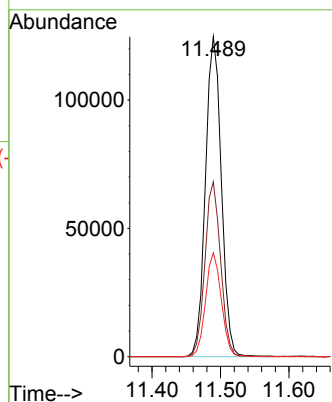
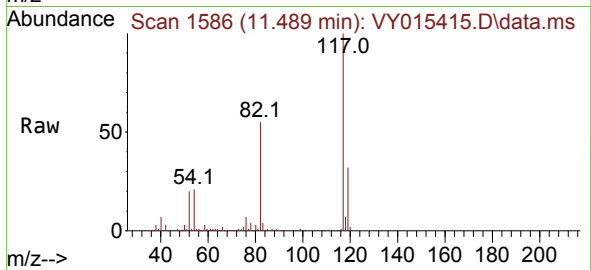
Tgt Ion:117 Resp: 201435

Ion Ratio Lower Upper

117 100

82 54.6 43.4 65.0

119 32.4 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: VY015415.D

Acq: 01 Sep 2023 15:07

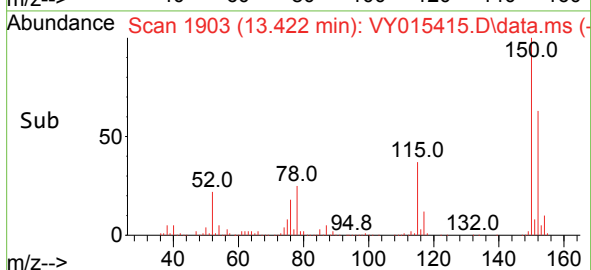
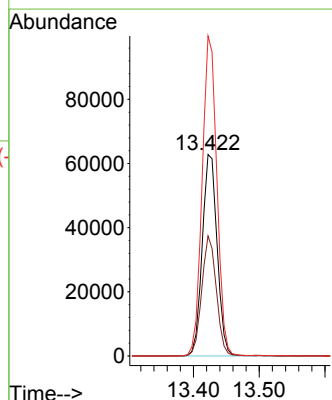
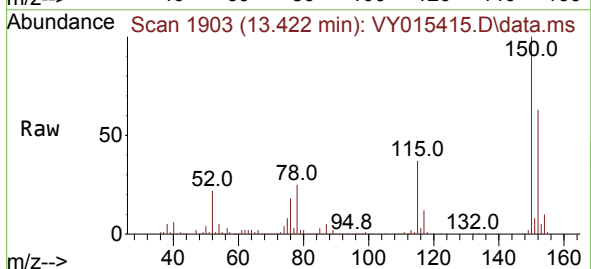
Tgt Ion:152 Resp: 98851

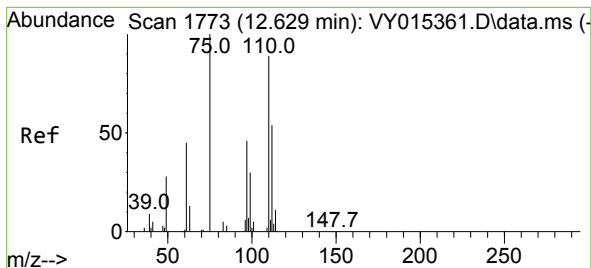
Ion Ratio Lower Upper

152 100

115 58.2 28.8 86.5

150 156.8 0.0 348.8

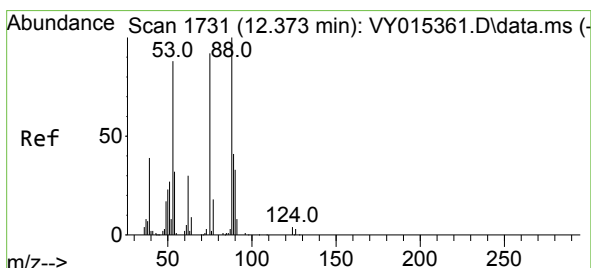
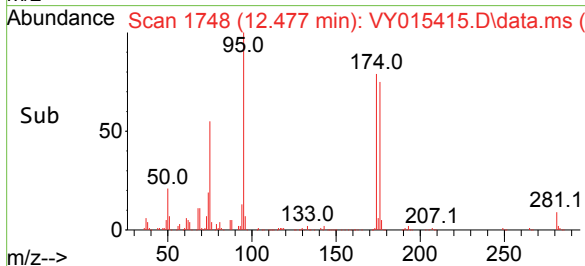
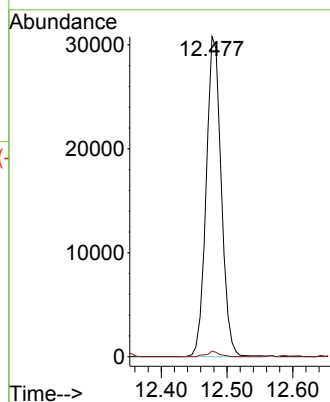
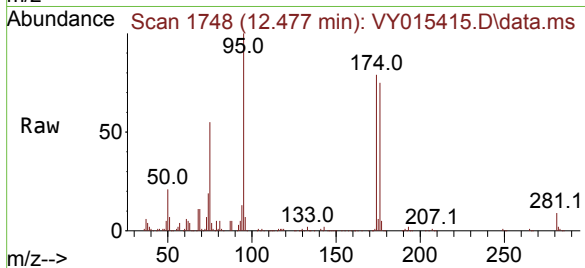




#76
1,2,3-Trichloropropane
Concen: 37.412 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY015415.D
Acq: 01 Sep 2023 15:07

Instrument :
MSVOA_Y
ClientSampleId :
CL-2-083123

Tgt Ion: 75 Resp: 49042
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.527 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY015415.D
Acq: 01 Sep 2023 15:07

Tgt Ion: 75 Resp: 49042
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

