

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100623\
 Data File : VY015857.D
 Acq On : 06 Oct 2023 13:13
 Operator : SY/MD
 Sample : 04735-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 07 07:25:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100523S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 05:54:04 2023
 Response via : Initial Calibration

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

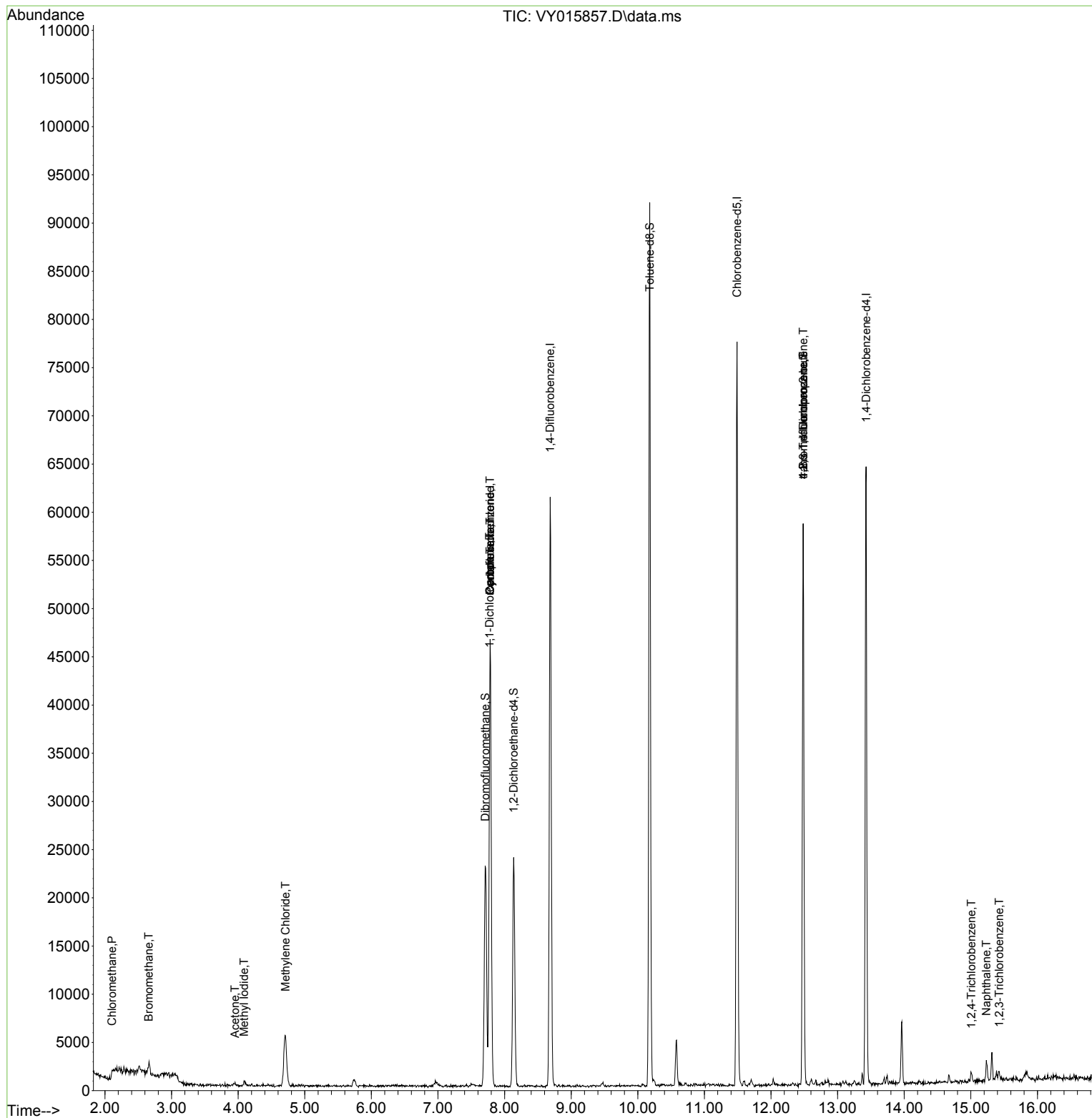
Internal Standards						
1) Pentafluorobenzene	7.783	168	35515	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	53594	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	43300	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	16963	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	18630	53.318	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.640%	
35) Dibromofluoromethane	7.710	113	17374	56.873	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.740%	
50) Toluene-d8	10.179	98	60904	61.405	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 122.820%	
62) 4-Bromofluorobenzene	12.483	95	16999	41.930	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 83.860%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.107	50	275	1.515	ug/l #	43
5) Bromomethane	2.656	94	519	3.707	ug/l #	76
10) Methyl Iodide	4.088	142	395	4.524	ug/l #	78
16) Acetone	3.954	43	438	2.420	ug/l #	46
20) Methylene Chloride	4.710	84	4092	4.387	ug/l	92
31) Cyclohexane	7.783	56	803	2.039	ug/l #	1
36) 1,1-Dichloropropene	7.777	75	2824	7.749	ug/l #	48
38) Carbon Tetrachloride	7.783	117	3437	8.020	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	8948	35.634	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	8948	82.488	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.007	180	424	1.271	ug/l	84
95) Naphthalene	15.233	128	1972	2.217	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	474	1.516	ug/l #	86

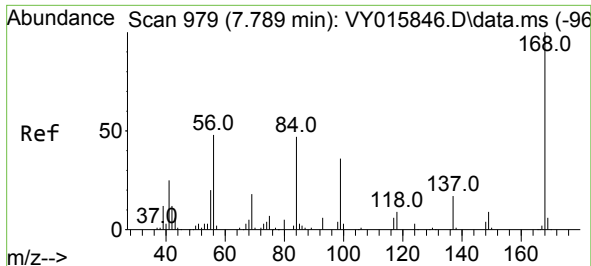
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100623\
Data File : VY015857.D
Acq On : 06 Oct 2023 13:13
Operator : SY/MD
Sample : 04735-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

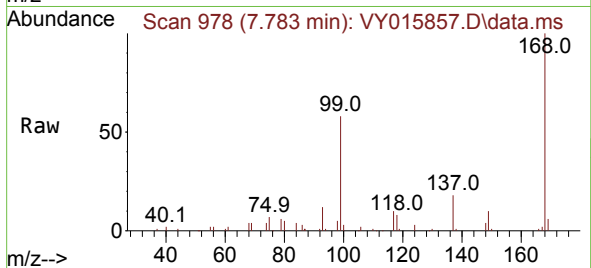
Quant Time: Oct 07 07:25:58 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100523S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 06 05:54:04 2023
Response via : Initial Calibration



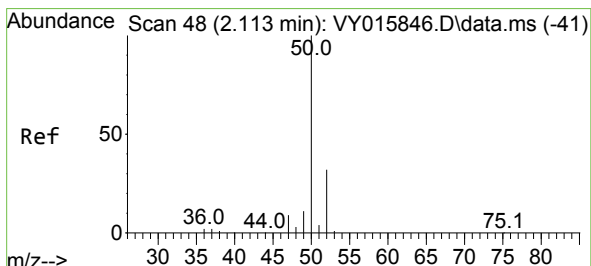
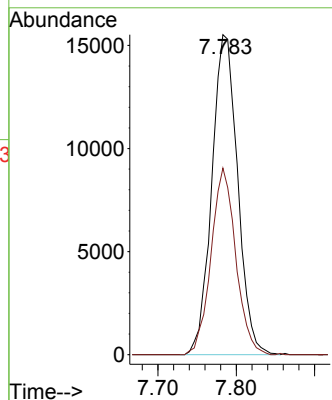
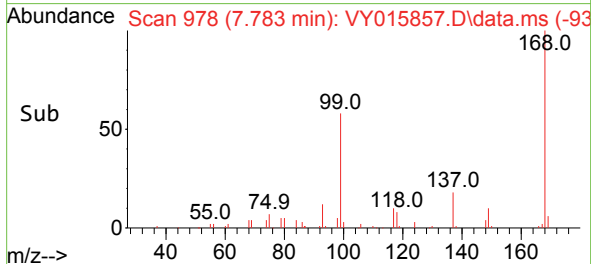


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015857.D
Acq: 06 Oct 2023 13:13

Instrument :
MSVOA_Y
ClientSampleId :

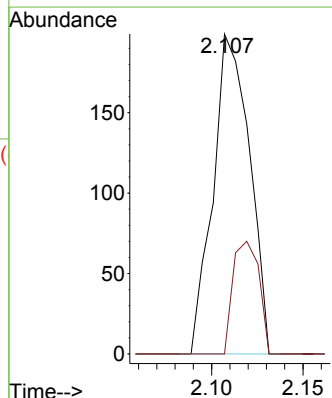
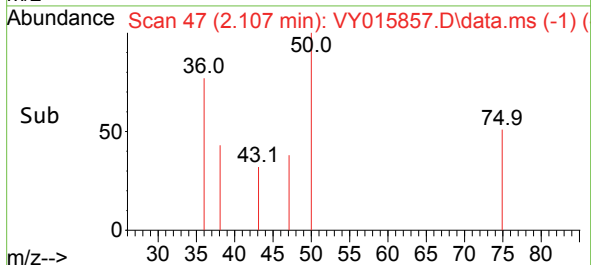
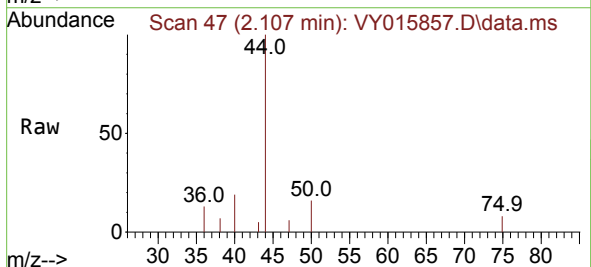


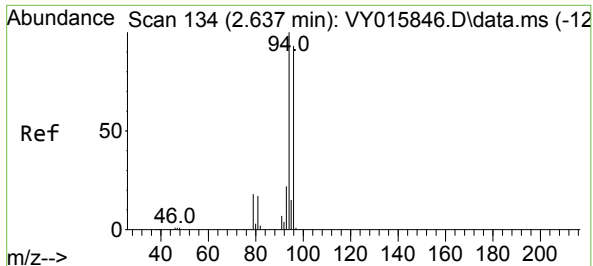
Tgt Ion:168 Resp: 35515
Ion Ratio Lower Upper
168 100
99 58.3 43.4 65.0



#3
Chloromethane
Concen: 1.515 ug/l
RT: 2.107 min Scan# 47
Delta R.T. -0.006 min
Lab File: VY015857.D
Acq: 06 Oct 2023 13:13

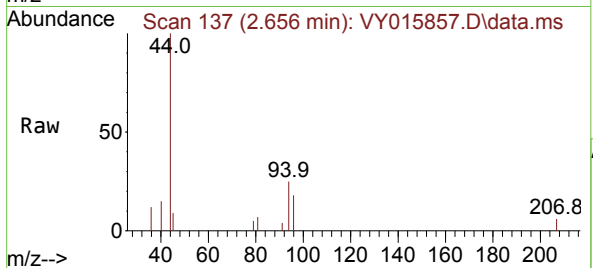
Tgt Ion: 50 Resp: 275
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#



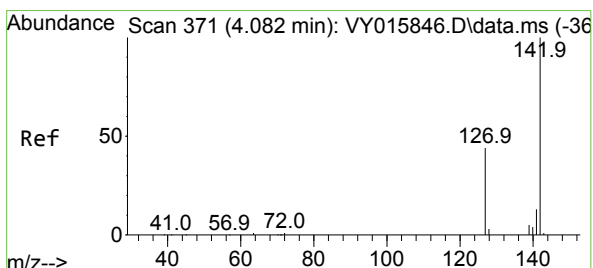
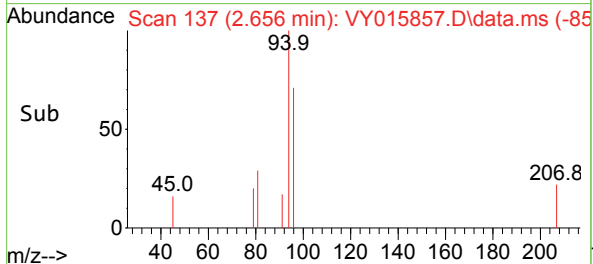
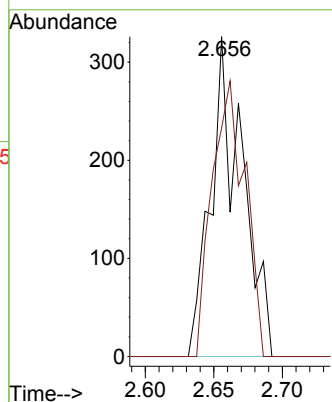


#5
Bromomethane
Concen: 3.707 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.019 min
Lab File: VY015857.D
Acq: 06 Oct 2023 13:13

Instrument :
MSVOA_Y
ClientSampleId :

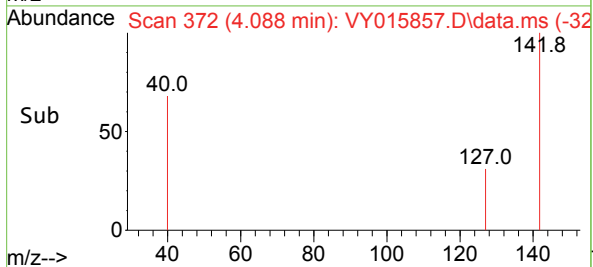
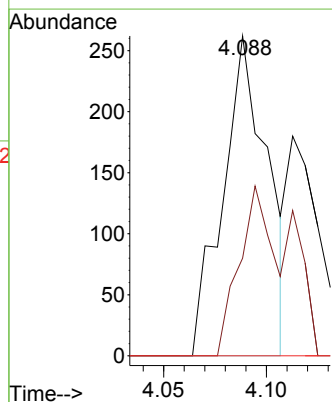
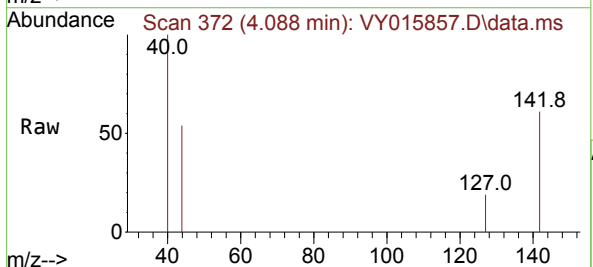


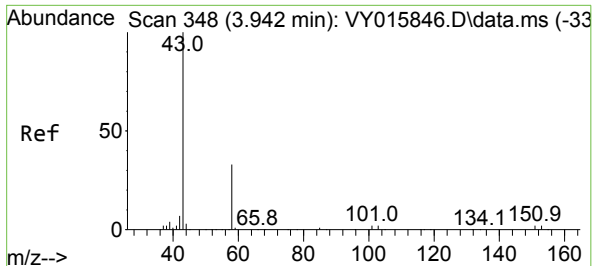
Tgt Ion: 94 Resp: 519
Ion Ratio Lower Upper
94 100
96 71.5 75.8 113.6#



#10
Methyl Iodide
Concen: 4.524 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY015857.D
Acq: 06 Oct 2023 13:13

Tgt Ion: 142 Resp: 395
Ion Ratio Lower Upper
142 100
127 58.7 37.6 56.4#
141 0.0 11.8 17.8#

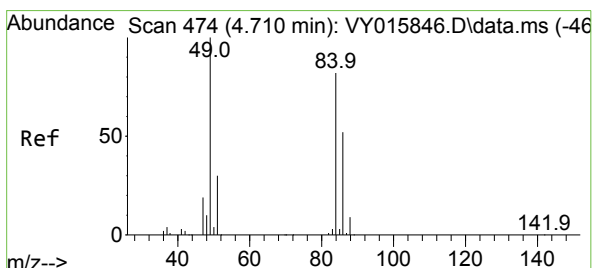
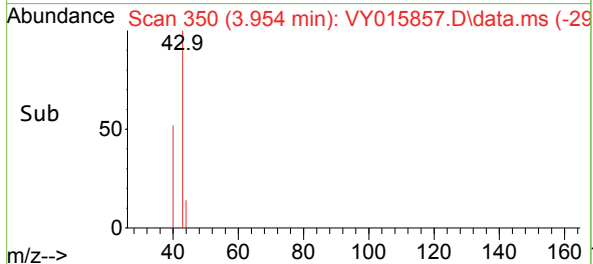
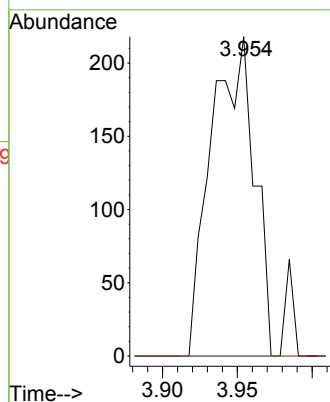
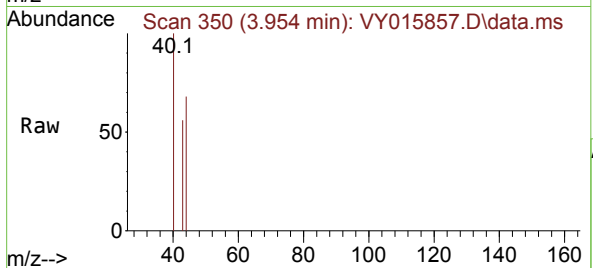




#16
Acetone
Concen: 2.420 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY015857.D
Acq: 06 Oct 2023 13:13

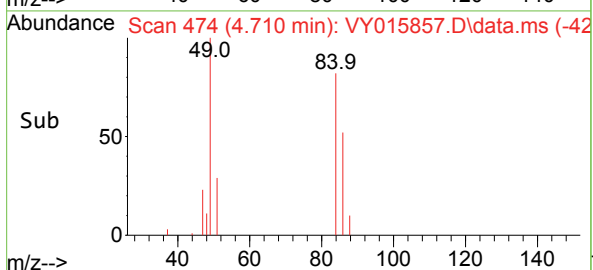
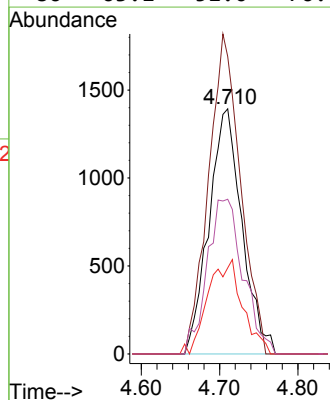
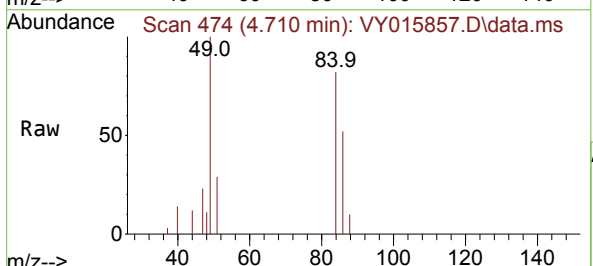
Instrument :
MSVOA_Y
ClientSampleId :

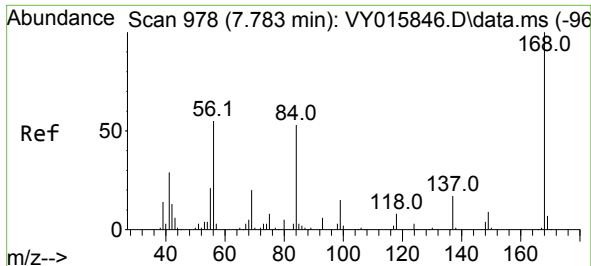
Tgt Ion: 43 Resp: 438
Ion Ratio Lower Upper
43 100
58 0.0 22.7 34.1#



#20
Methylene Chloride
Concen: 4.387 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY015857.D
Acq: 06 Oct 2023 13:13

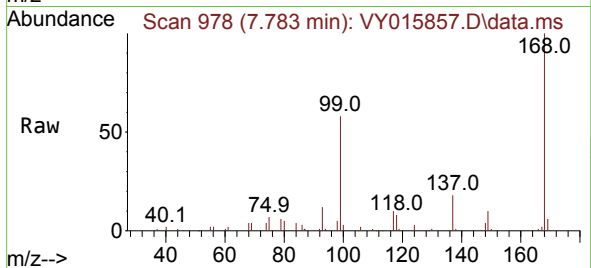
Tgt Ion: 84 Resp: 4092
Ion Ratio Lower Upper
84 100
49 121.4 106.9 160.3
51 35.1 33.2 49.8
86 63.1 51.0 76.6



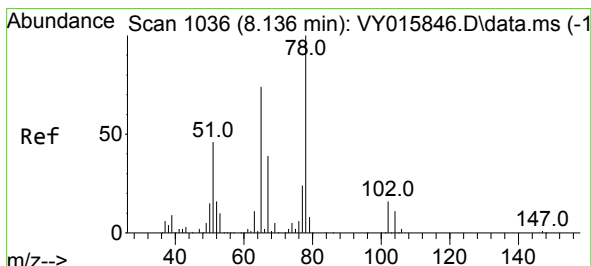
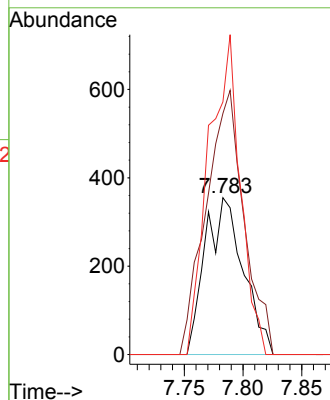
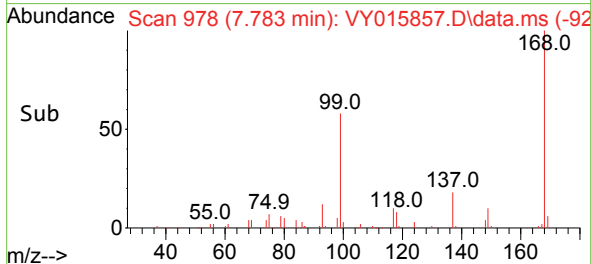


#31
Cyclohexane
Concen: 2.039 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015857.D
Acq: 06 Oct 2023 13:13

Instrument :
MSVOA_Y
ClientSampleId :

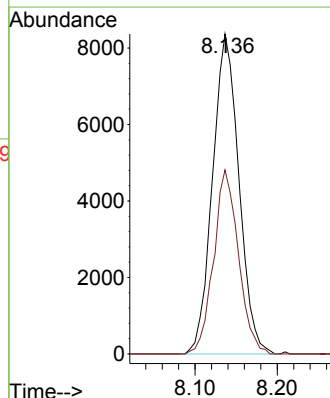
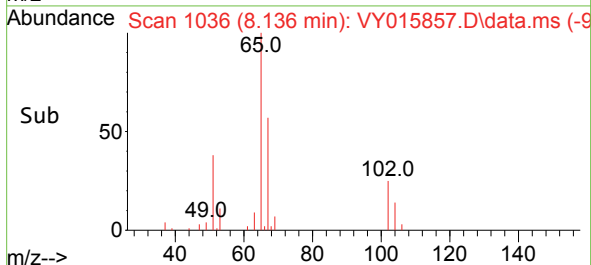
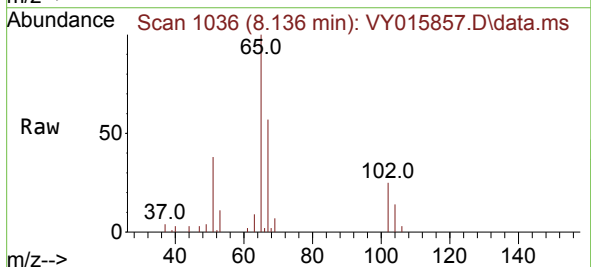


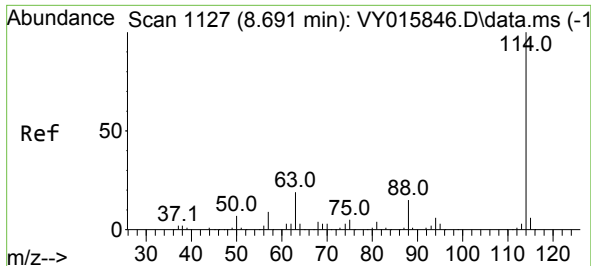
Tgt Ion: 56 Resp: 803
Ion Ratio Lower Upper
56 100
69 153.8 27.8 41.6#
84 161.1 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 53.318 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015857.D
Acq: 06 Oct 2023 13:13

Tgt Ion: 65 Resp: 18630
Ion Ratio Lower Upper
65 100
67 54.2 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY015857.D

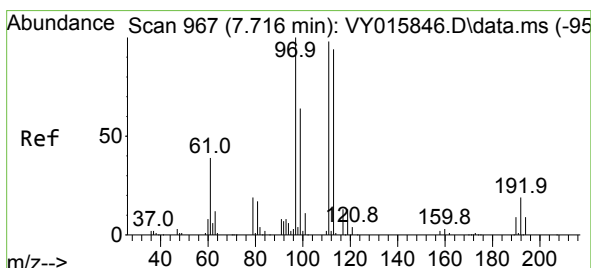
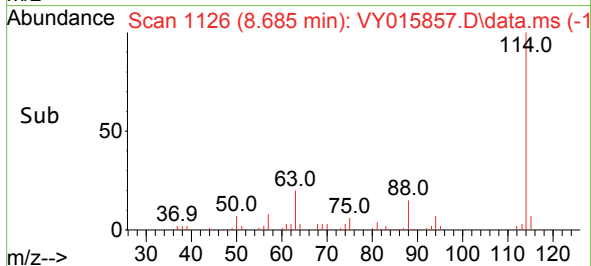
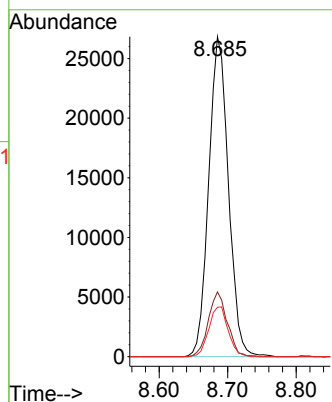
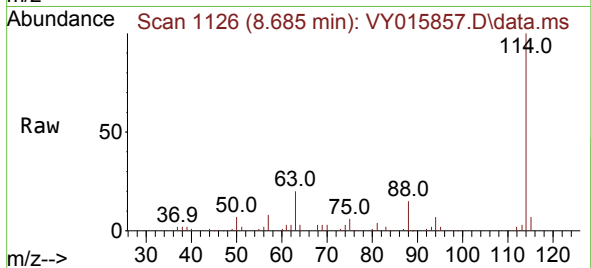
Acq: 06 Oct 2023 13:13

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:114	Resp:	53594
Ion Ratio	Lower	Upper
114	100	
63	20.2	0.0 42.4
88	15.5	0.0 30.6



#35

Dibromofluoromethane

Concen: 56.873 ug/l

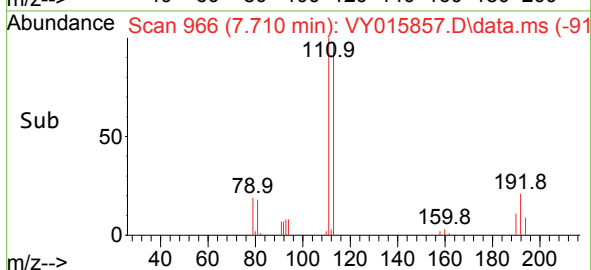
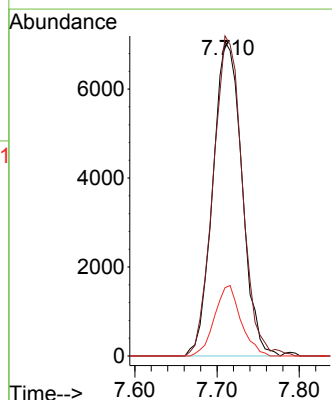
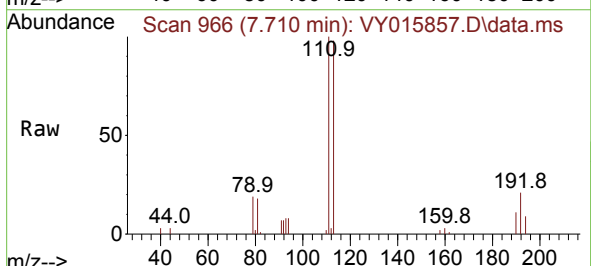
RT: 7.710 min Scan# 966

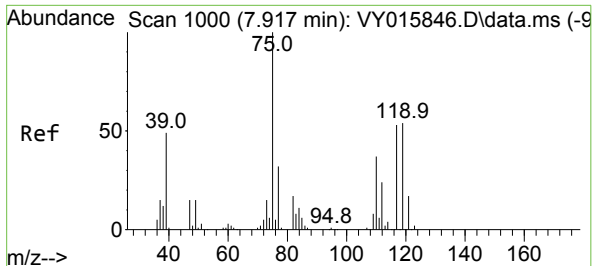
Delta R.T. -0.006 min

Lab File: VY015857.D

Acq: 06 Oct 2023 13:13

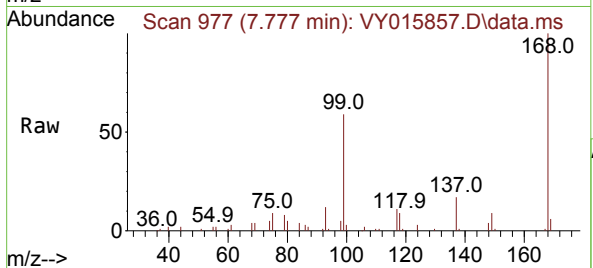
Tgt Ion:113	Resp:	17374
Ion Ratio	Lower	Upper
113	100	
111	101.8	81.3 121.9
192	20.3	16.9 25.3



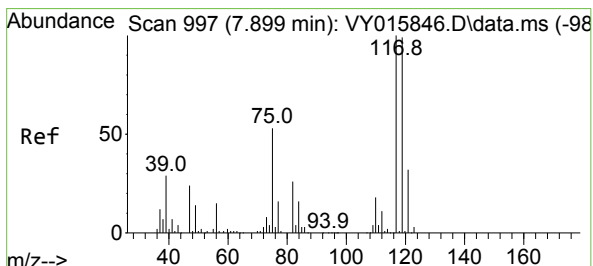
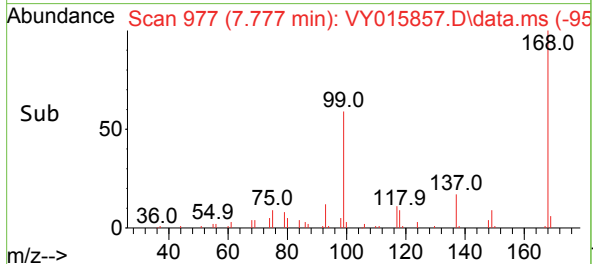
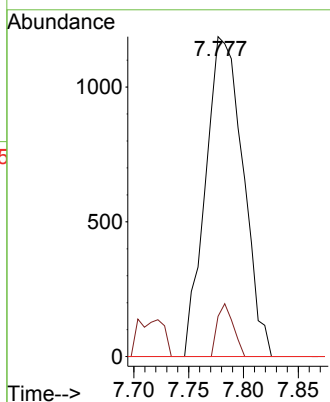


#36
1,1-Dichloropropene
Concen: 7.749 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.140 min
Lab File: VY015857.D
Acq: 06 Oct 2023 13:13

Instrument :
MSVOA_Y
ClientSampleId :

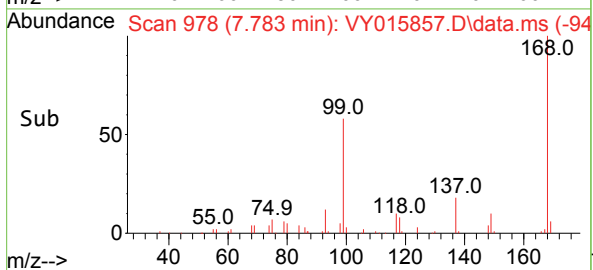
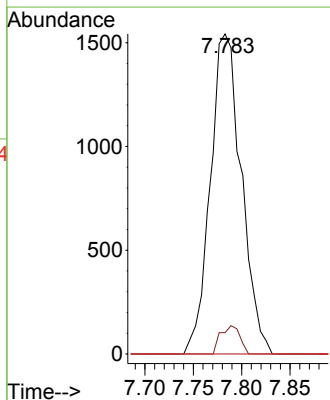
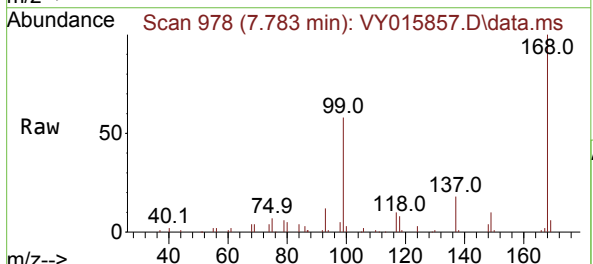


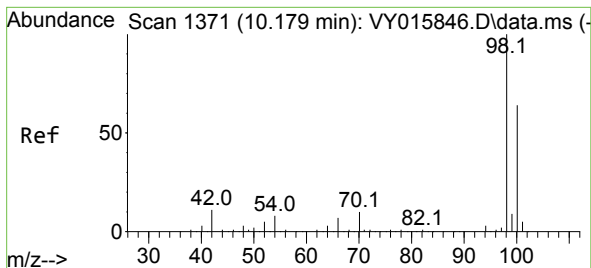
Tgt Ion: 75 Resp: 2824
Ion Ratio Lower Upper
75 100
110 7.0 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 8.020 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY015857.D
Acq: 06 Oct 2023 13:13

Tgt Ion: 117 Resp: 3437
Ion Ratio Lower Upper
117 100
119 6.7 76.4 114.6#
121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 61.405 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY015857.D

Acq: 06 Oct 2023 13:13

Instrument :

MSVOA_Y

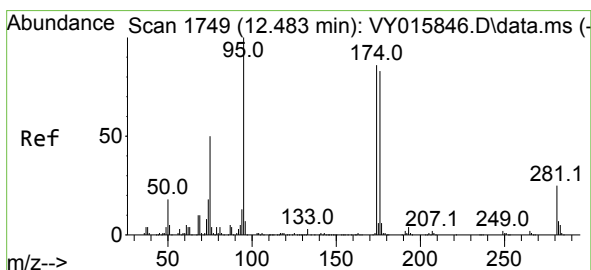
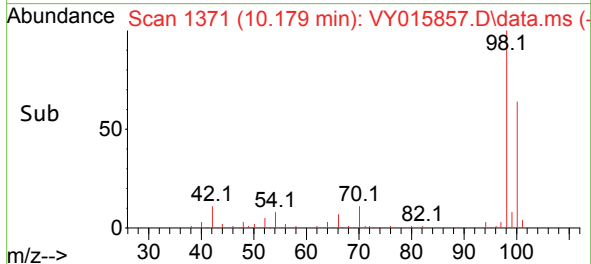
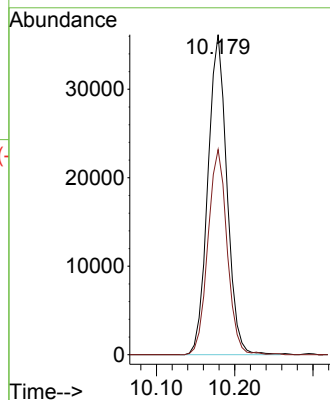
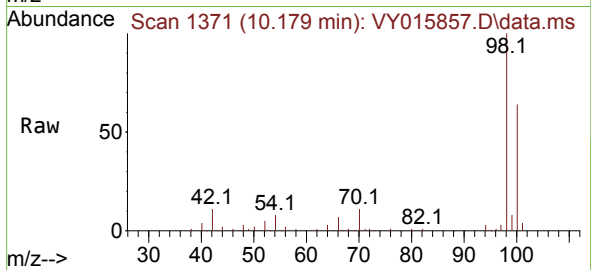
ClientSampleId :

Tgt Ion: 98 Resp: 60904

Ion Ratio Lower Upper

98 100

100 64.6 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 41.930 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY015857.D

Acq: 06 Oct 2023 13:13

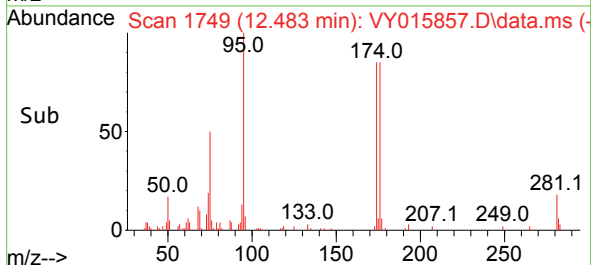
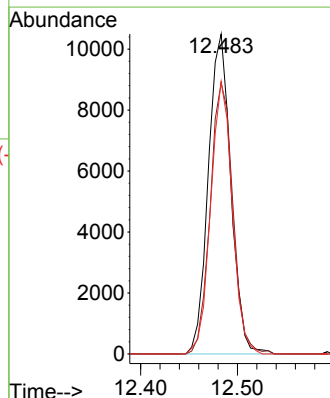
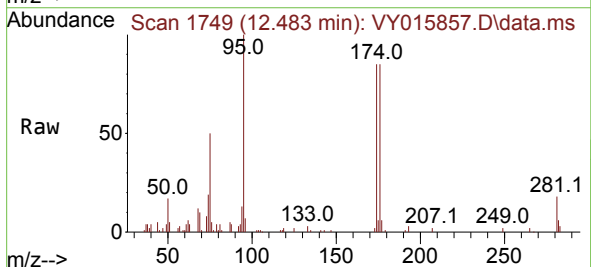
Tgt Ion: 95 Resp: 16999

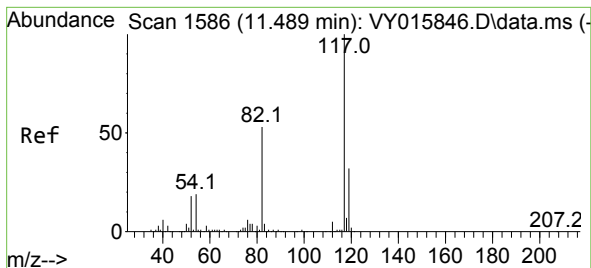
Ion Ratio Lower Upper

95 100

174 85.4 0.0 178.2

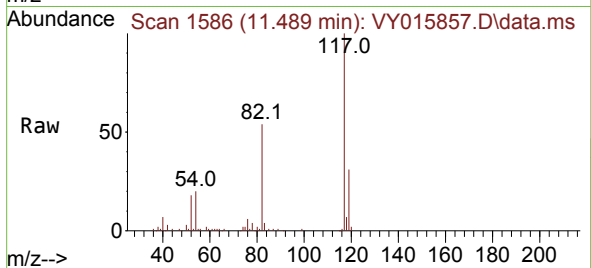
176 81.2 0.0 173.8



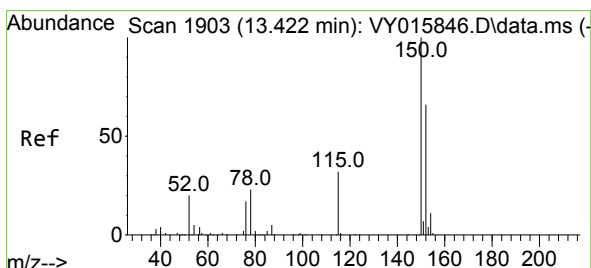
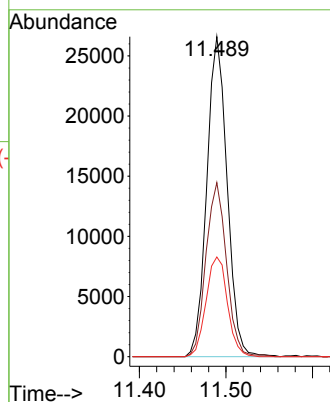
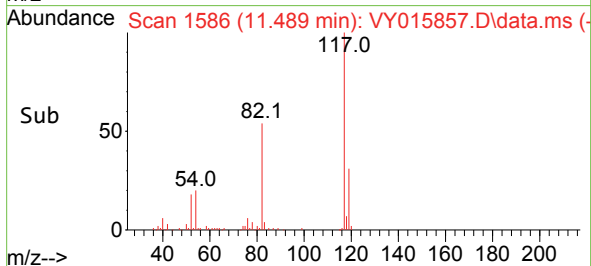


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015857.D
Acq: 06 Oct 2023 13:13

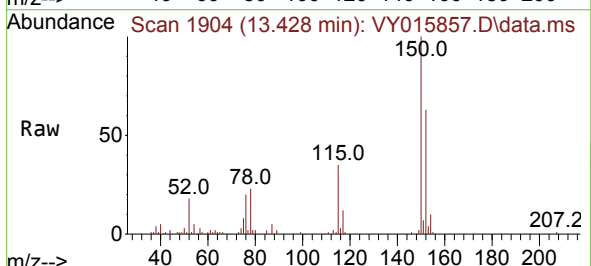
Instrument :
MSVOA_Y
ClientSampleId :



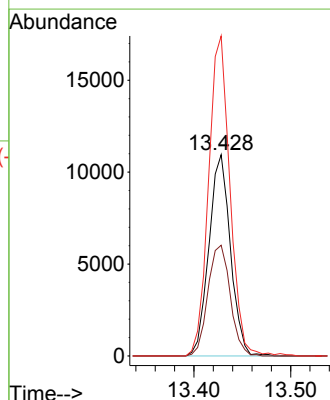
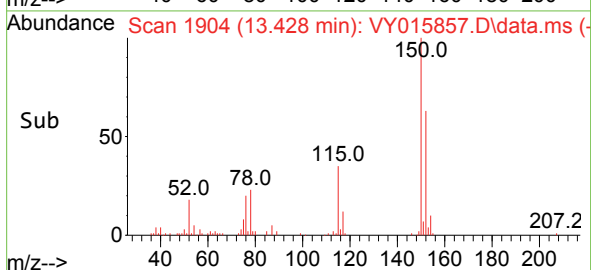
Tgt Ion:117 Resp: 43300
Ion Ratio Lower Upper
117 100
82 54.4 43.4 65.0
119 31.2 26.3 39.5

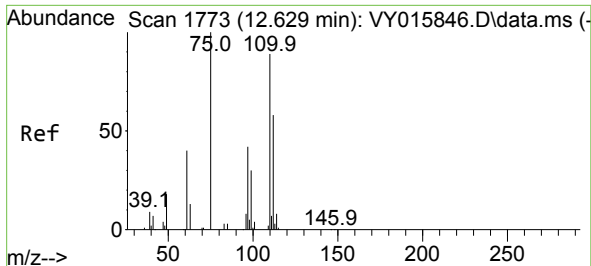


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY015857.D
Acq: 06 Oct 2023 13:13



Tgt Ion:152 Resp: 16963
Ion Ratio Lower Upper
152 100
115 57.0 28.8 86.5
150 157.8 0.0 348.8

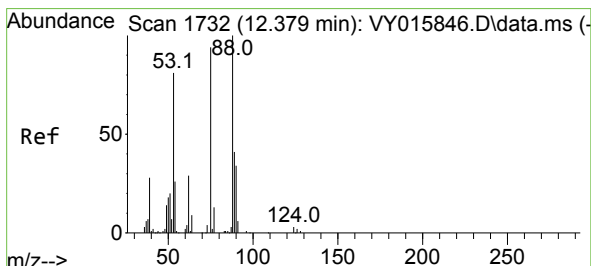
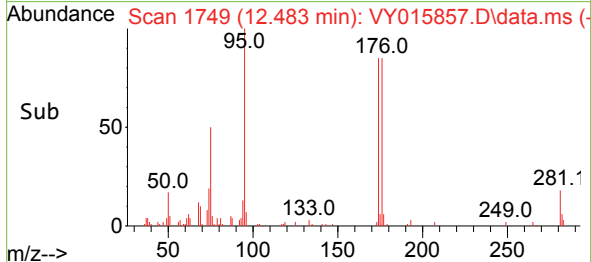
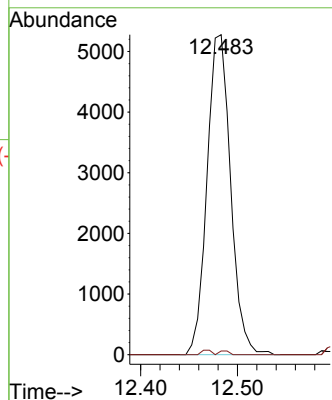
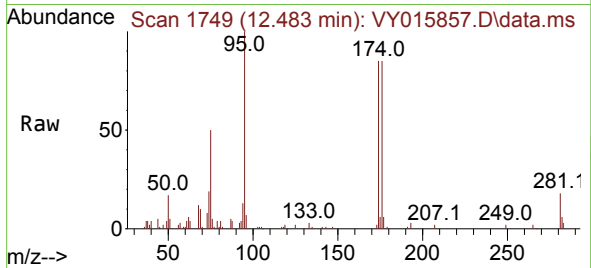




#76
1,2,3-Trichloropropane
Concen: 35.634 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY015857.D
Acq: 06 Oct 2023 13:13

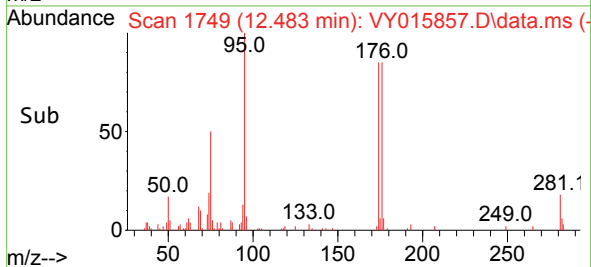
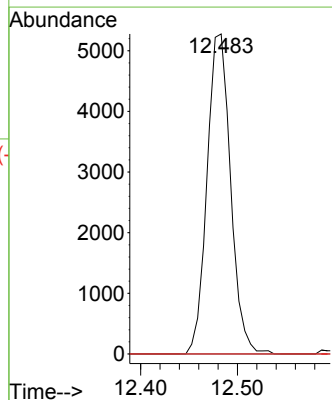
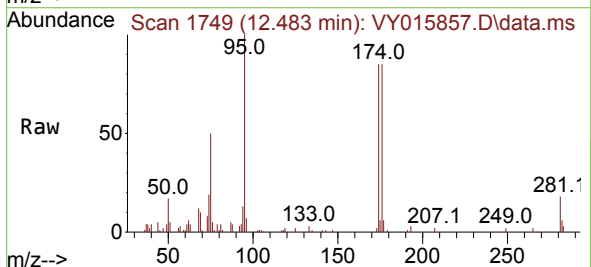
Instrument :
MSVOA_Y
ClientSampleId :

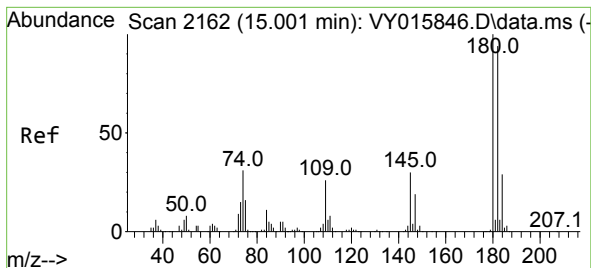
Tgt Ion: 75 Resp: 8948
Ion Ratio Lower Upper
75 100
77 0.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.488 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY015857.D
Acq: 06 Oct 2023 13:13

Tgt Ion: 75 Resp: 8948
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#





#93

1,2,4-Trichlorobenzene

Concen: 1.271 ug/l

RT: 15.007 min Scan# 2162

Delta R.T. 0.006 min

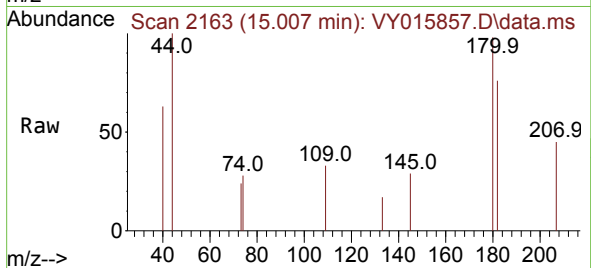
Lab File: VY015857.D

Acq: 06 Oct 2023 13:13

Instrument :

MSVOA_Y

ClientSampleId :



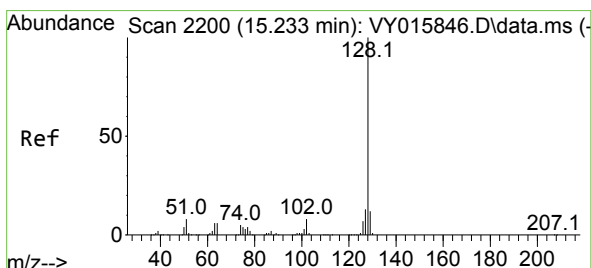
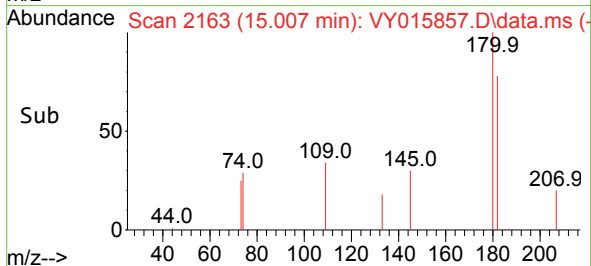
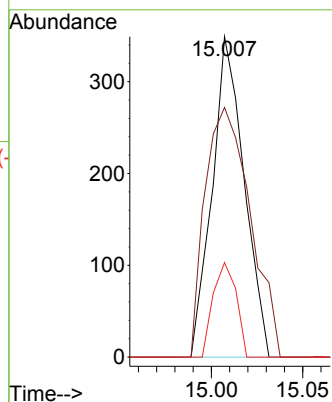
Tgt Ion:180 Resp: 424

Ion Ratio Lower Upper

180 100

182 110.1 47.0 141.2

145 21.5 14.5 43.5



#95

Naphthalene

Concen: 2.217 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY015857.D

Acq: 06 Oct 2023 13:13

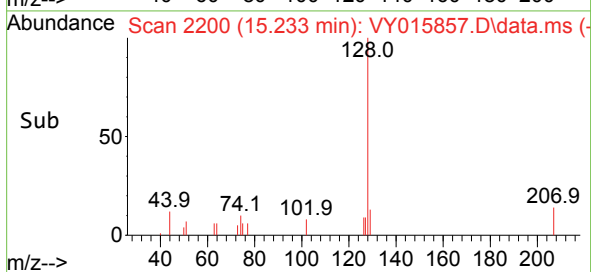
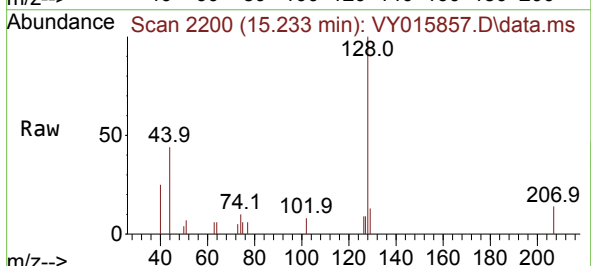
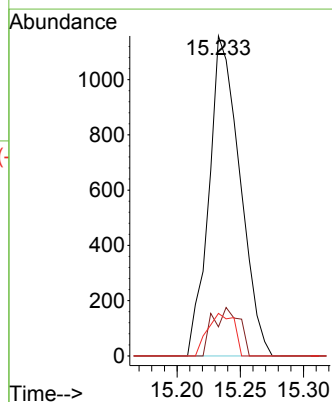
Tgt Ion:128 Resp: 1972

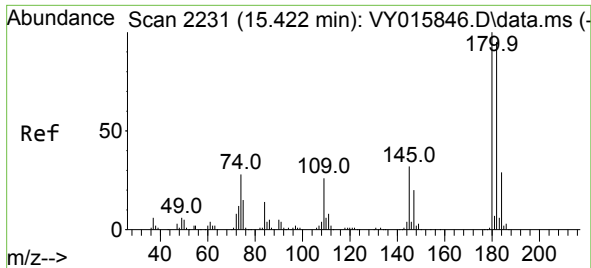
Ion Ratio Lower Upper

128 100

127 13.1 10.8 16.2

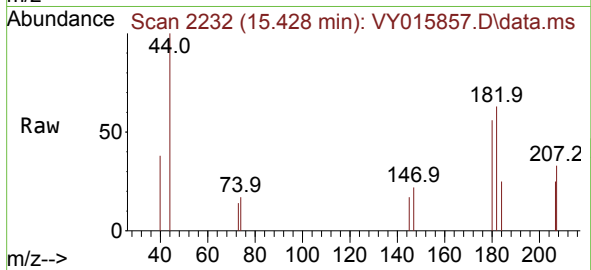
129 11.3 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 1.516 ug/l
 RT: 15.428 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY015857.D
 Acq: 06 Oct 2023 13:13

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:180 Resp: 474
 Ion Ratio Lower Upper
 180 100
 182 87.3 47.3 141.8
 145 11.0 15.4 46.2#

