

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100623\
 Data File : VY015861.D
 Acq On : 06 Oct 2023 14:47
 Operator : SY/MD
 Sample : 04765-01
 Misc : 3.75g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 07 07:27:19 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)

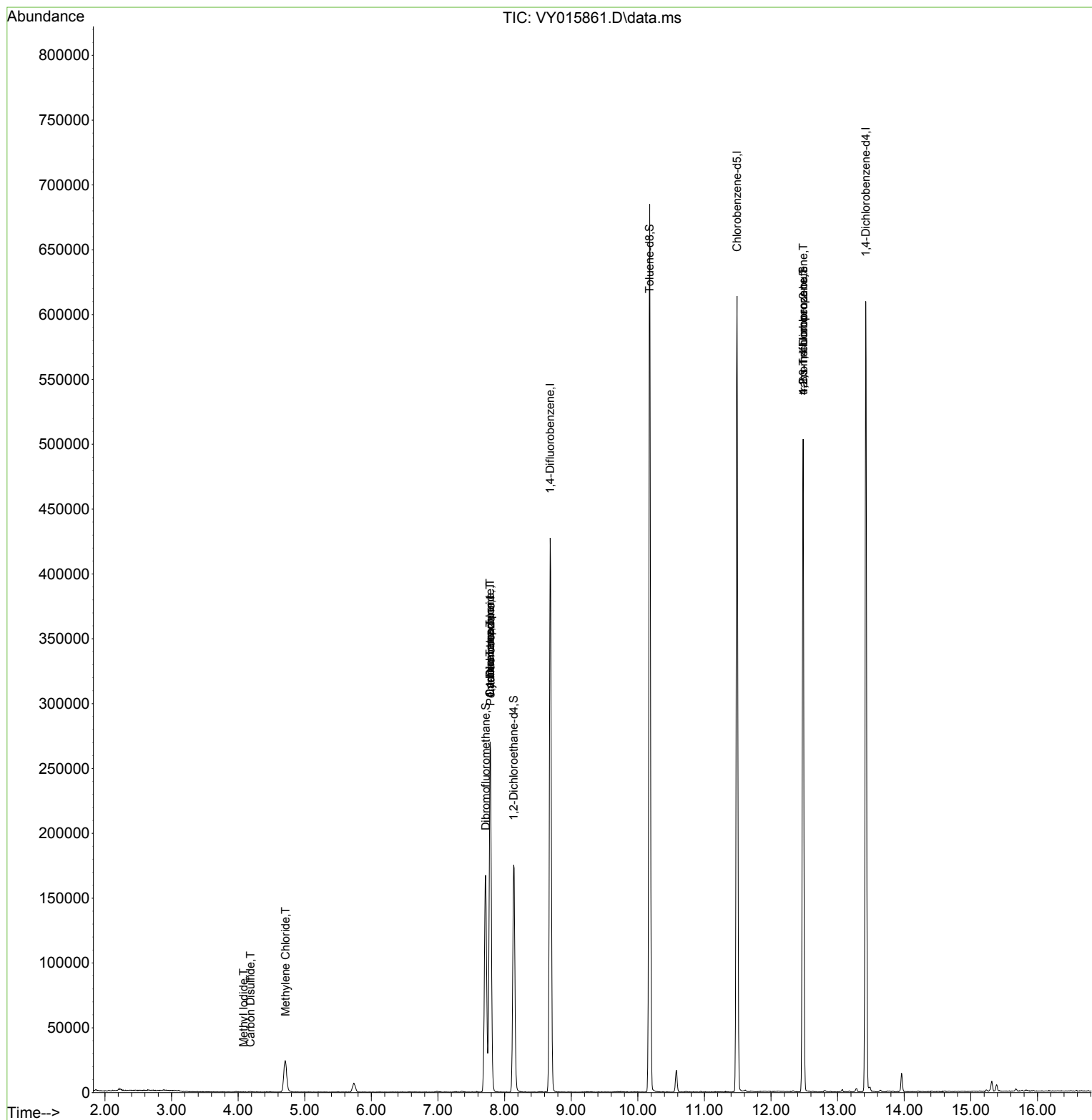
Internal Standards						
1) Pentafluorobenzene	7.789	168	212262	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	373170	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	342305	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	155640	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	137581	65.881	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 131.760%	
35) Dibromofluoromethane	7.716	113	120089	56.457	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.920%	
50) Toluene-d8	10.179	98	433896	62.828	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 125.660%	
62) 4-Bromofluorobenzene	12.483	95	148795	52.711	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.420%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.082	142	79	3.145	ug/l #	38
11) Tert butyl alcohol	4.966	59	23	Below Cal	#	89
17) Carbon Disulfide	4.186	76	960	3.335	ug/l #	76
20) Methylene Chloride	4.710	84	19125	1.713	ug/l	91
31) Cyclohexane	7.783	56	4027	1.711	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	15544	6.125	ug/l #	50
38) Carbon Tetrachloride	7.783	117	20544	6.885	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	76953	33.399	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	76953	77.316	ug/l #	10

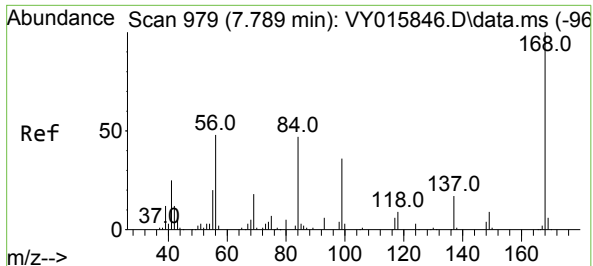
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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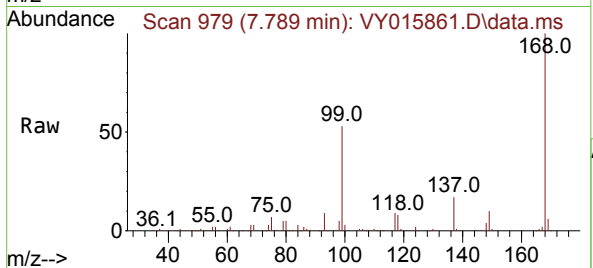
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100523S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 06 05:54:04 2023
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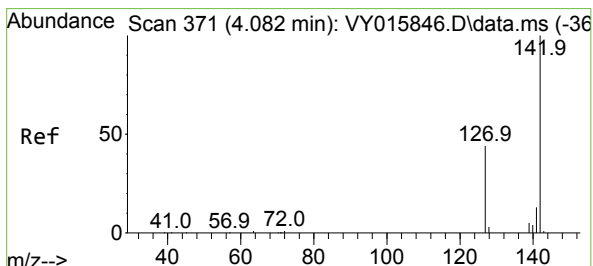
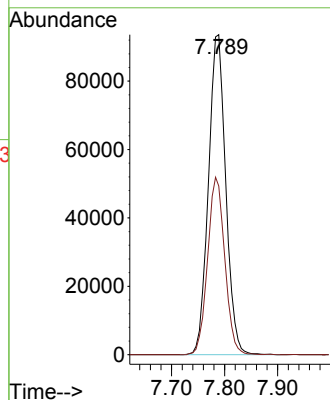
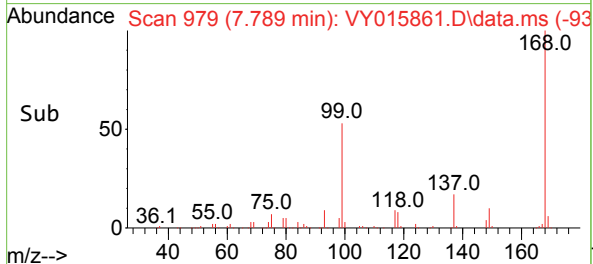


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015861.D
Acq: 06 Oct 2023 14:47

Instrument :
MSVOA_Y
ClientSampleId :

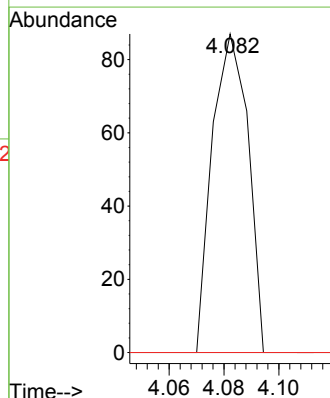
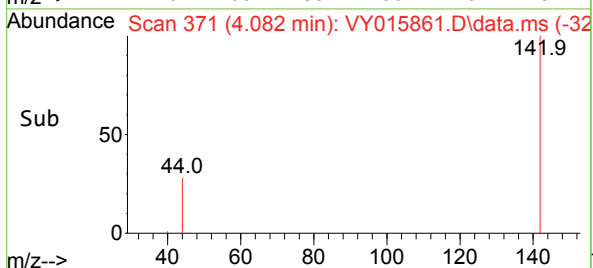
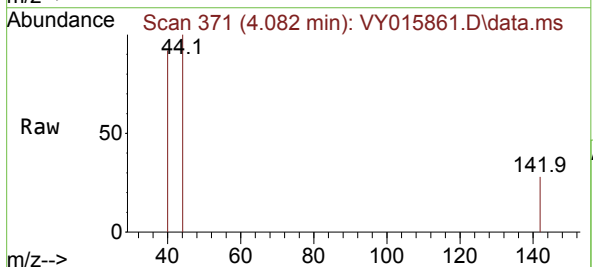


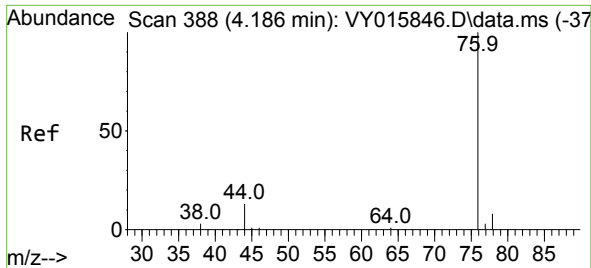
Tgt Ion:168 Resp: 212262
Ion Ratio Lower Upper
168 100
99 52.7 43.4 65.0



#10
Methyl Iodide
Concen: 3.145 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY015861.D
Acq: 06 Oct 2023 14:47

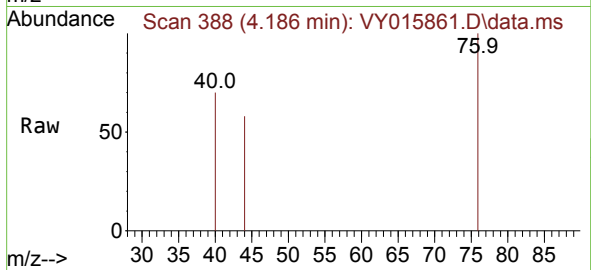
Tgt Ion:142 Resp: 79
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#



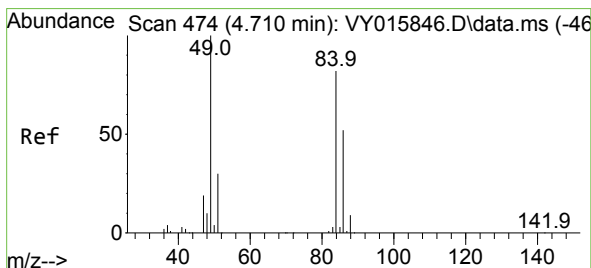
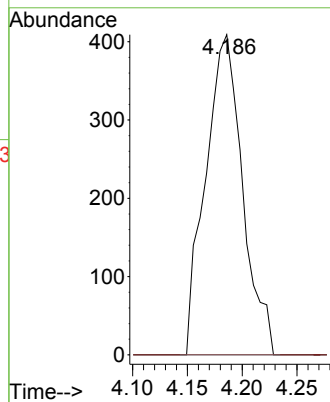
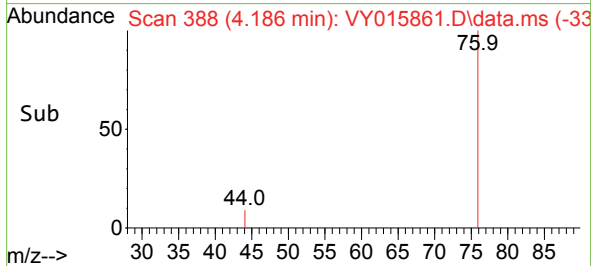


#17
Carbon Disulfide
Concen: 3.335 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY015861.D
Acq: 06 Oct 2023 14:47

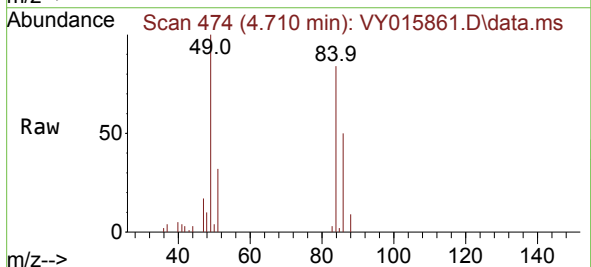
Instrument :
MSVOA_Y
ClientSampleId :



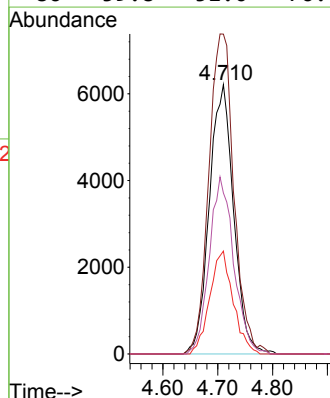
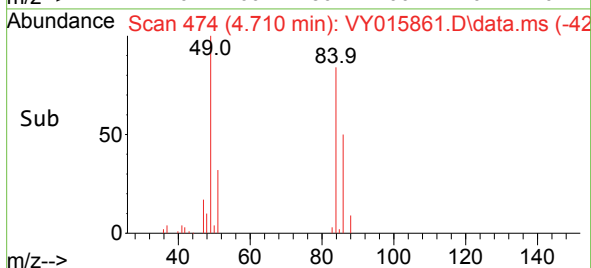
Tgt Ion: 76 Resp: 960
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#

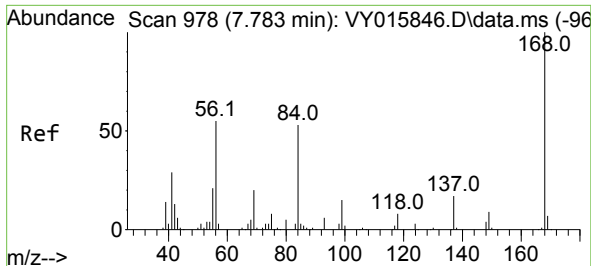


#20
Methylene Chloride
Concen: 1.713 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY015861.D
Acq: 06 Oct 2023 14:47



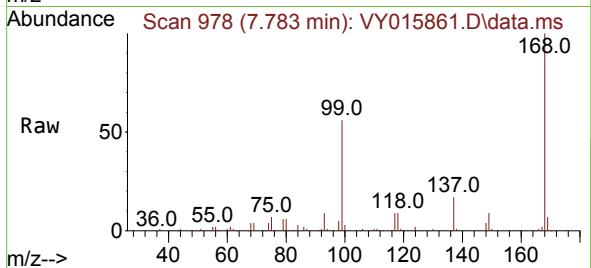
Tgt Ion: 84 Resp: 19125
Ion Ratio Lower Upper
84 100
49 118.8 106.9 160.3
51 38.2 33.2 49.8
86 59.8 51.0 76.6



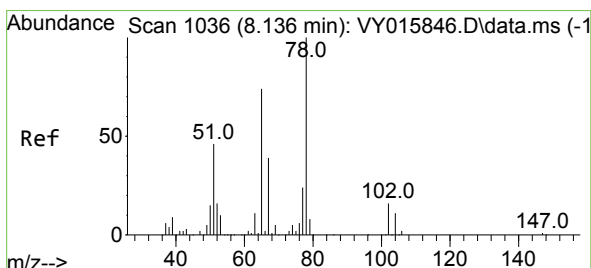
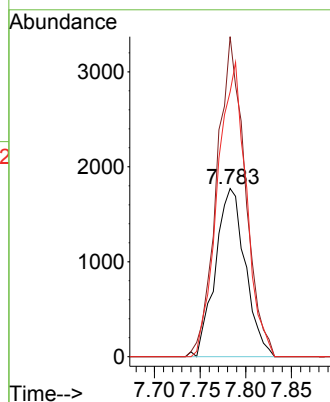
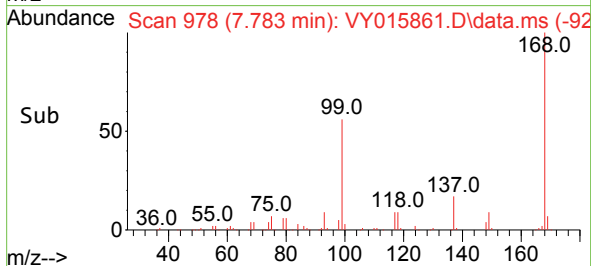


#31
Cyclohexane
Concen: 1.711 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015861.D
Acq: 06 Oct 2023 14:47

Instrument :
MSVOA_Y
ClientSampleId :

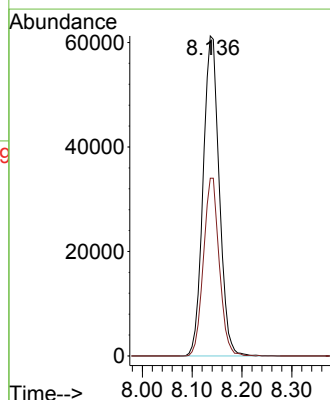
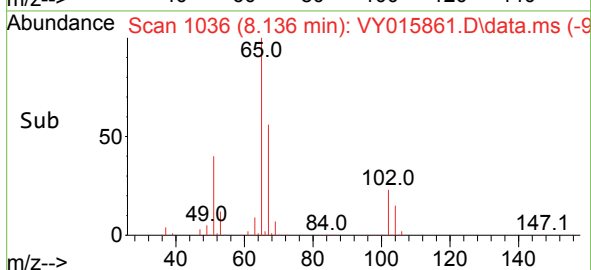
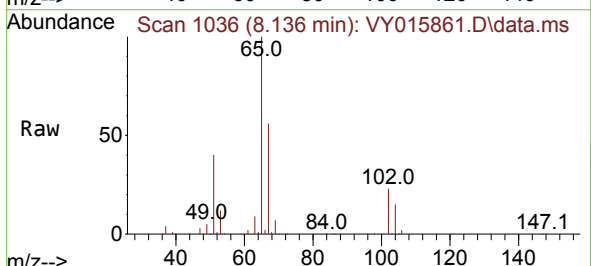


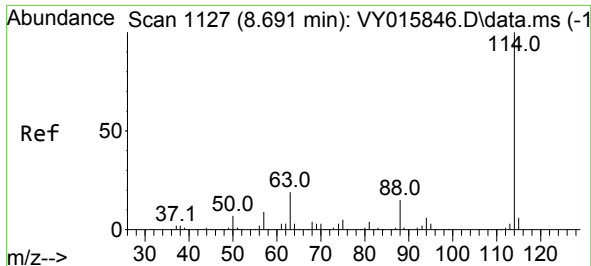
Tgt Ion: 56 Resp: 4027
Ion Ratio Lower Upper
56 100
69 190.3 27.8 41.6#
84 157.5 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 65.881 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015861.D
Acq: 06 Oct 2023 14:47

Tgt Ion: 65 Resp: 137581
Ion Ratio Lower Upper
65 100
67 54.4 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: VY015861.D

Acq: 06 Oct 2023 14:47

Instrument :

MSVOA_Y

ClientSampleId :

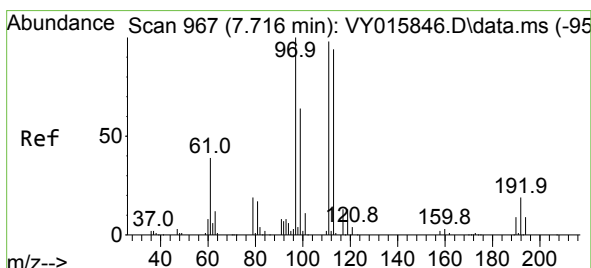
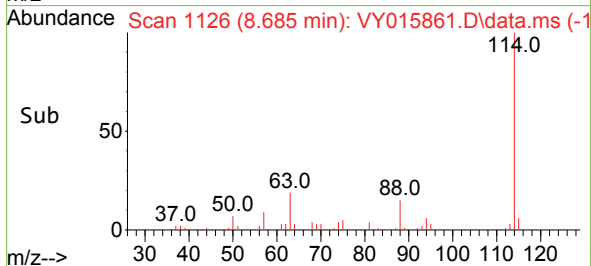
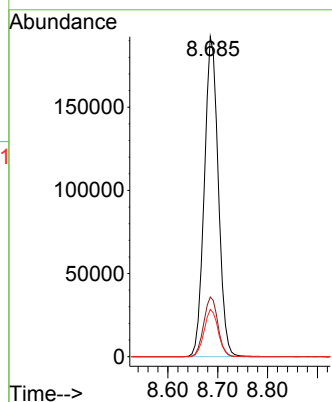
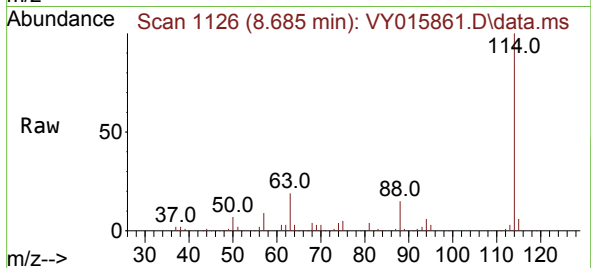
Tgt Ion:114 Resp: 373170

Ion Ratio Lower Upper

114 100

63 18.6 0.0 42.4

88 14.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 56.457 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY015861.D

Acq: 06 Oct 2023 14:47

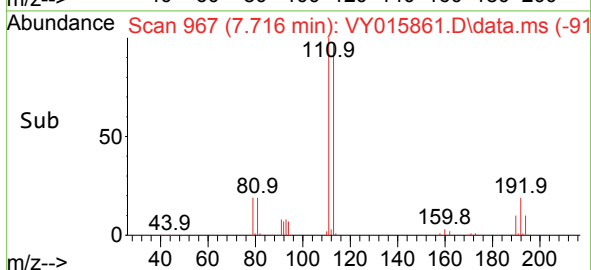
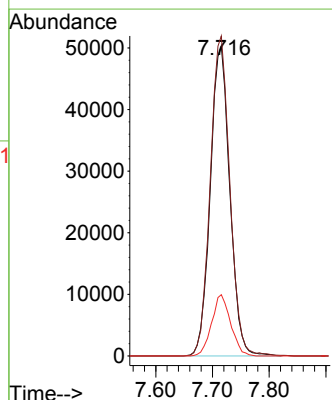
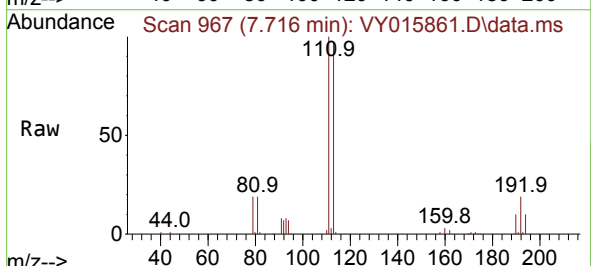
Tgt Ion:113 Resp: 120089

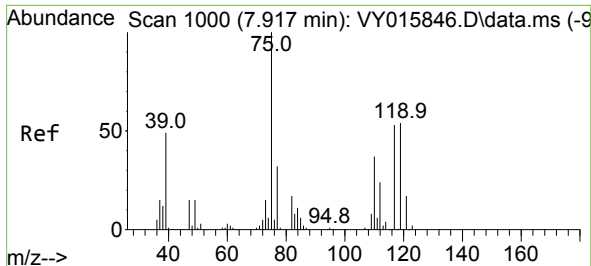
Ion Ratio Lower Upper

113 100

111 103.6 81.3 121.9

192 19.2 16.9 25.3





#36

1,1-Dichloropropene

Concen: 6.125 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

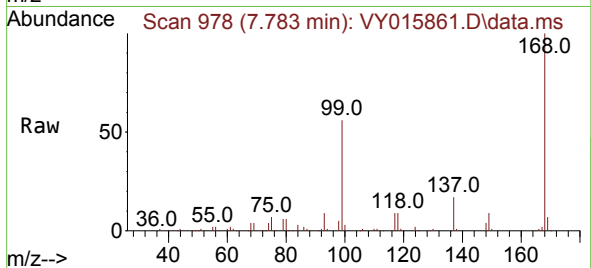
Lab File: VY015861.D

Acq: 06 Oct 2023 14:47

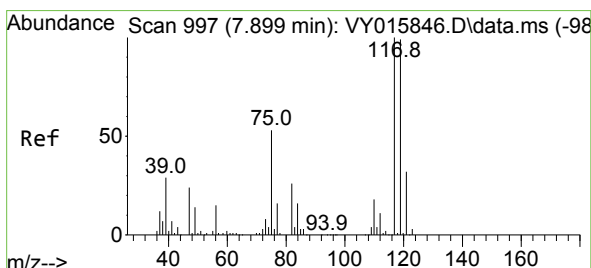
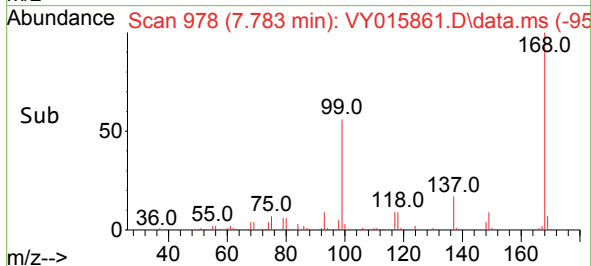
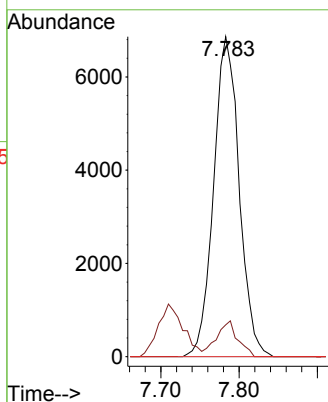
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 75	Resp: 15544
Ion Ratio	Lower Upper
75	100
110	9.3 17.8 53.5#
77	0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 6.885 ug/l

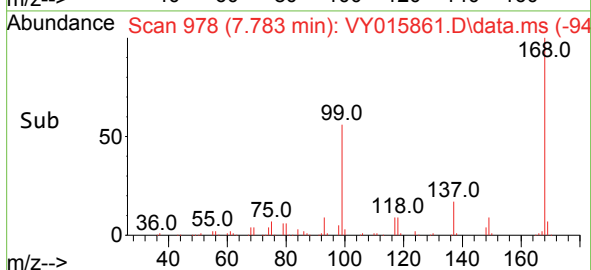
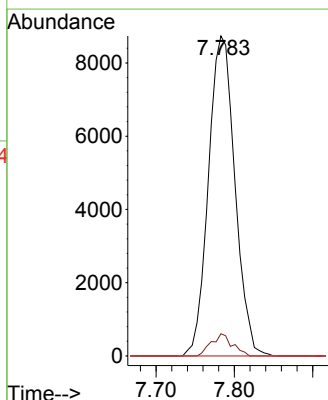
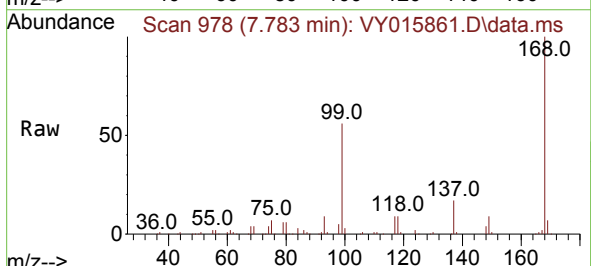
RT: 7.783 min Scan# 978

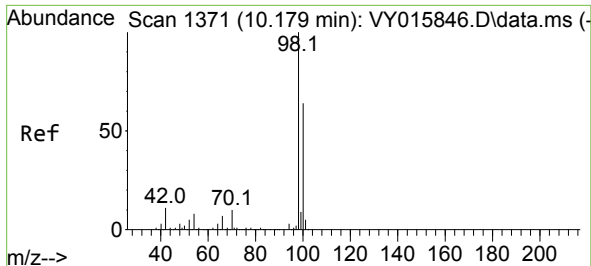
Delta R.T. -0.116 min

Lab File: VY015861.D

Acq: 06 Oct 2023 14:47

Tgt Ion: 117	Resp: 20544
Ion Ratio	Lower Upper
117	100
119	6.9 76.4 114.6#
121	0.0 25.8 38.6#

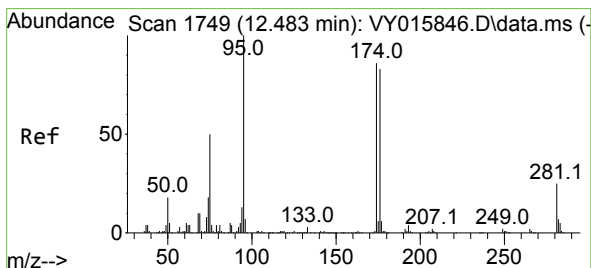
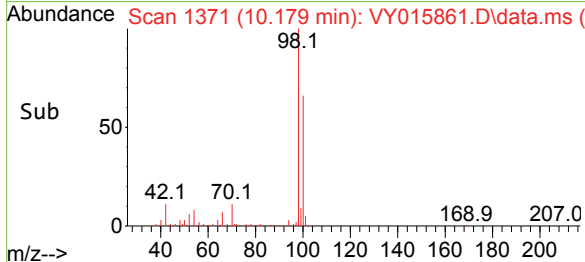
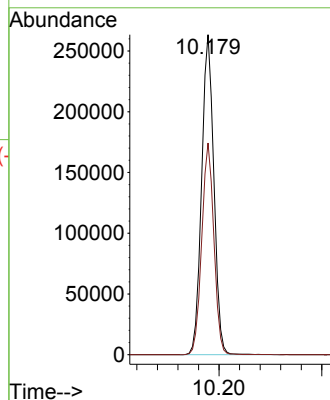
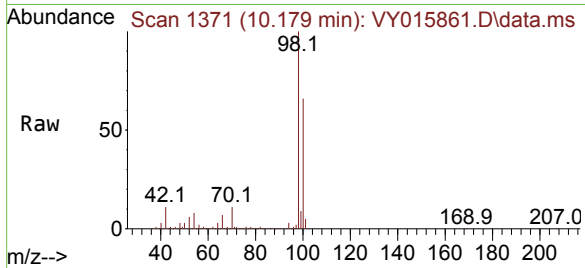




#50
Toluene-d8
Concen: 62.828 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015861.D
Acq: 06 Oct 2023 14:47

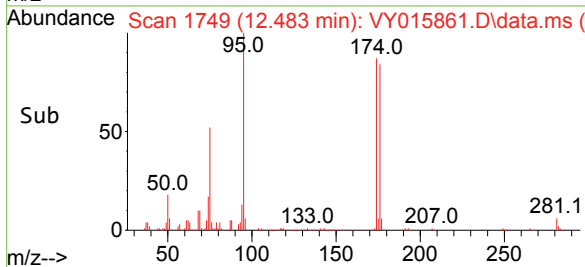
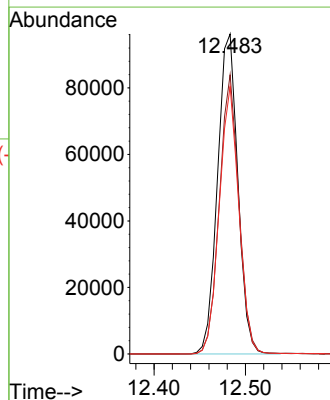
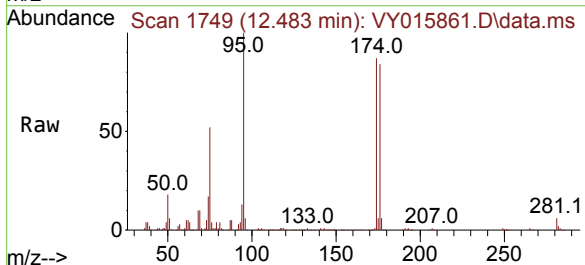
Instrument :
MSVOA_Y
ClientSampleId :

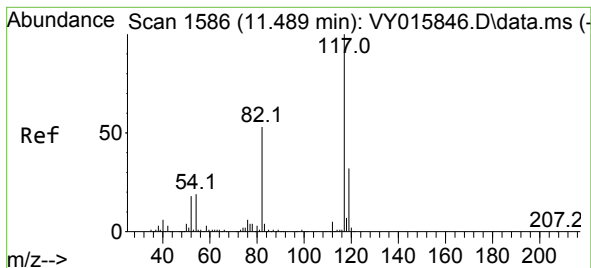
Tgt Ion: 98 Resp: 433896
Ion Ratio Lower Upper
98 100
100 65.6 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 52.711 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY015861.D
Acq: 06 Oct 2023 14:47

Tgt Ion: 95 Resp: 148795
Ion Ratio Lower Upper
95 100
174 83.8 0.0 178.2
176 80.7 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

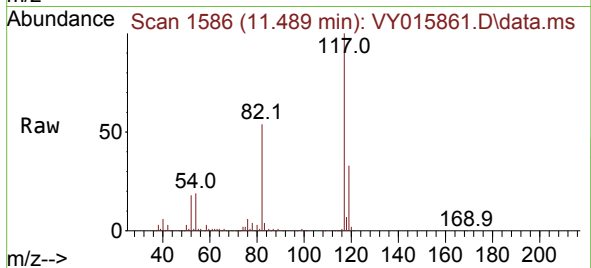
Lab File: VY015861.D

Acq: 06 Oct 2023 14:47

Instrument :

MSVOA_Y

ClientSampleId :



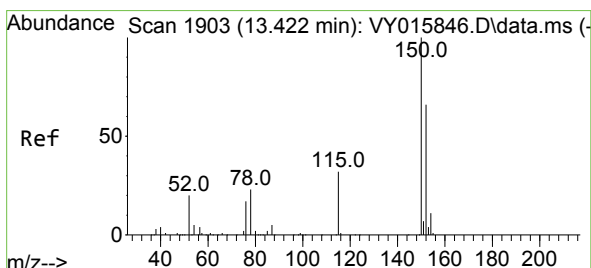
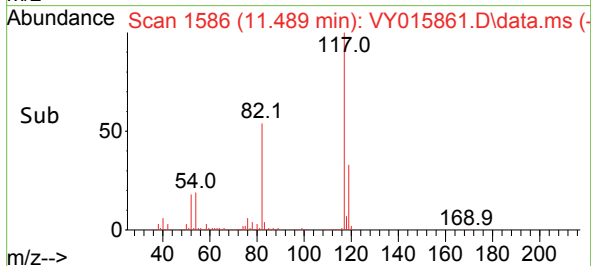
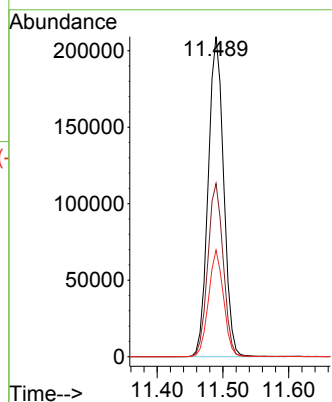
Tgt Ion:117 Resp: 342305

Ion Ratio Lower Upper

117 100

82 54.1 43.4 65.0

119 33.3 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: VY015861.D

Acq: 06 Oct 2023 14:47

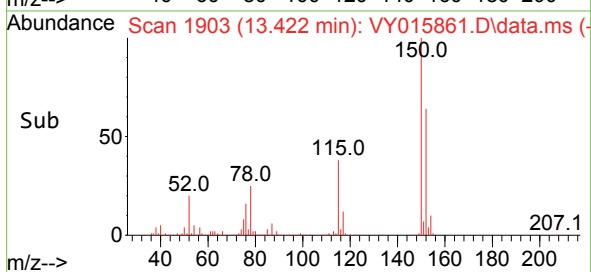
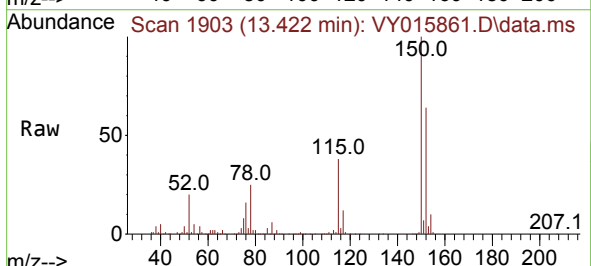
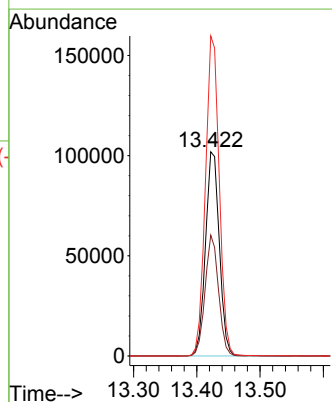
Tgt Ion:152 Resp: 155640

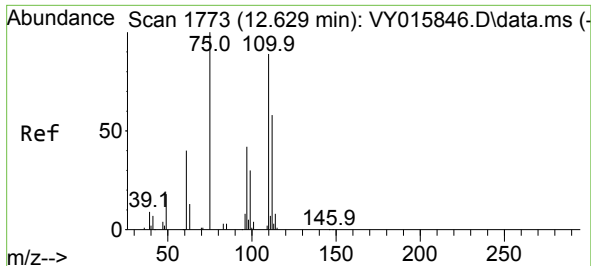
Ion Ratio Lower Upper

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115 57.4 28.8 86.5

150 156.3 0.0 348.8

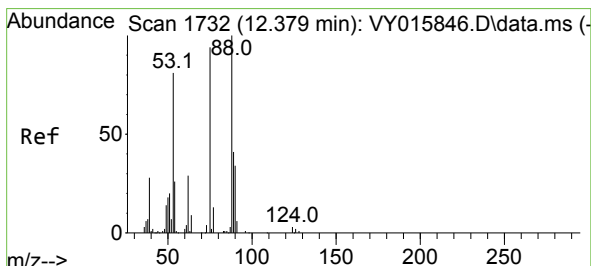
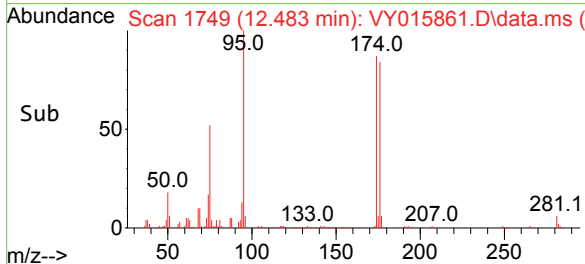
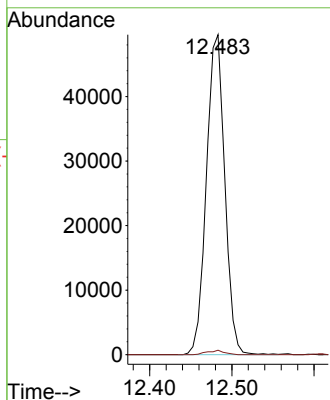
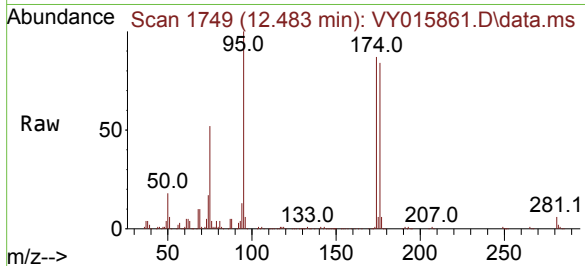




#76
1,2,3-Trichloropropane
Concen: 33.399 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY015861.D
Acq: 06 Oct 2023 14:47

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 76953
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.316 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY015861.D
Acq: 06 Oct 2023 14:47

Tgt Ion: 75 Resp: 76953
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

