

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082323\
 Data File : VY015302.D
 Acq On : 23 Aug 2023 23:38
 Operator : SY/MD
 Sample : 04110-23
 Misc : 6.34g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-10(6-7)

Quant Time: Aug 24 02:39:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

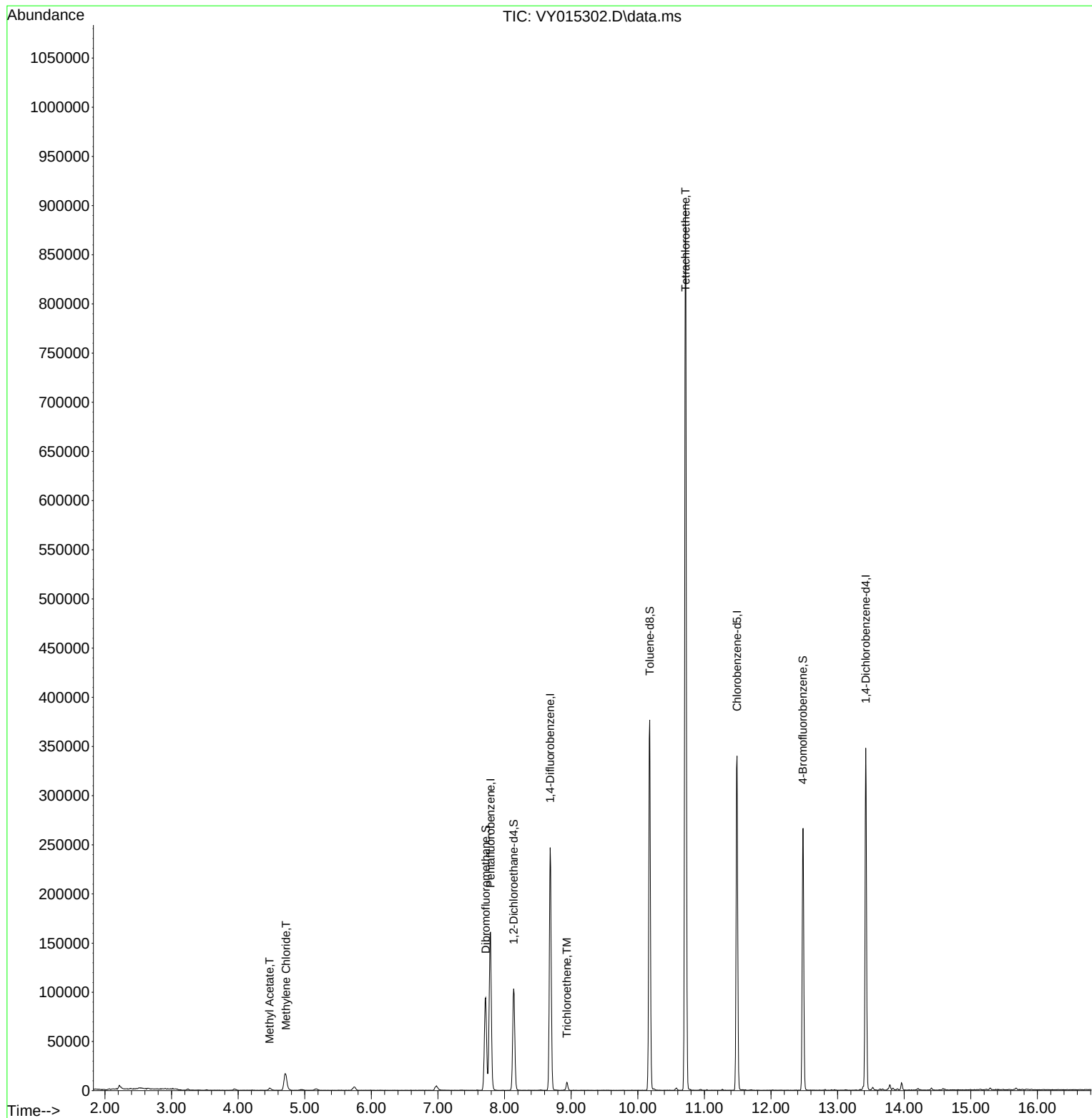
Internal Standards						
1) Pentafluorobenzene	7.789	168	126452	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	208681	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	186250	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	88001	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	81493	53.687	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.380%
35) Dibromofluoromethane	7.716	113	66528	49.555	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.100%
50) Toluene-d8	10.179	98	245013	49.026	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.060%
62) 4-Bromofluorobenzene	12.477	95	80405	44.049	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.100%
Target Compounds						
						Qvalue
18) Methyl Acetate	4.473	43	3821	2.103	ug/l	97
20) Methylene Chloride	4.716	84	12987	7.227	ug/l #	87
44) Trichloroethene	8.935	130	2714	2.098	ug/l	81
64) Tetrachloroethene	10.715	164	190641	146.918	ug/l	97

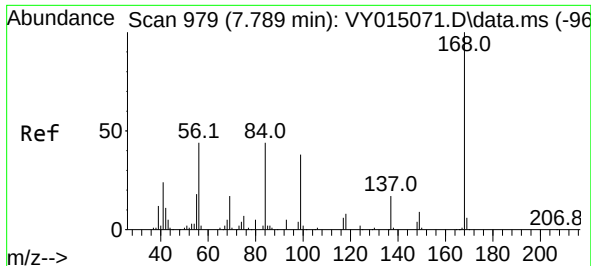
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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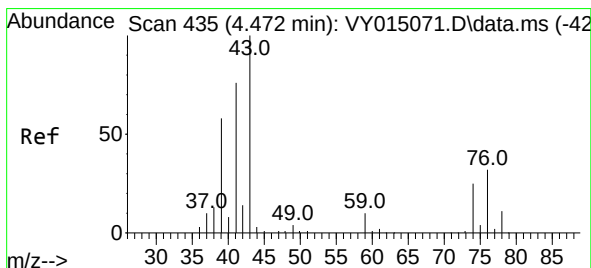
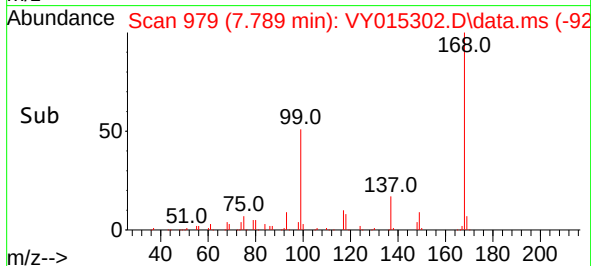
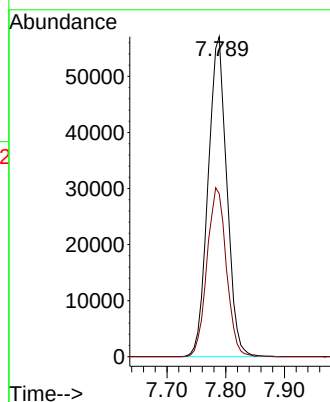
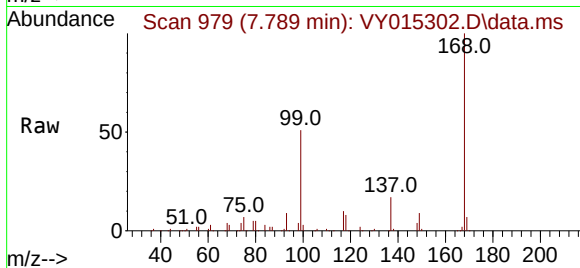




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015302.D
Acq: 23 Aug 2023 23:38

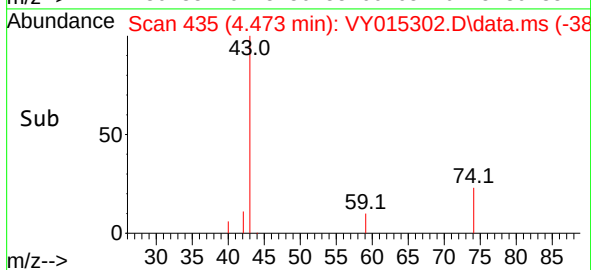
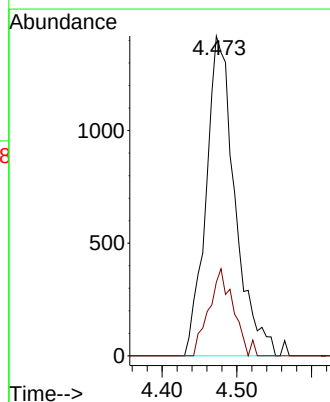
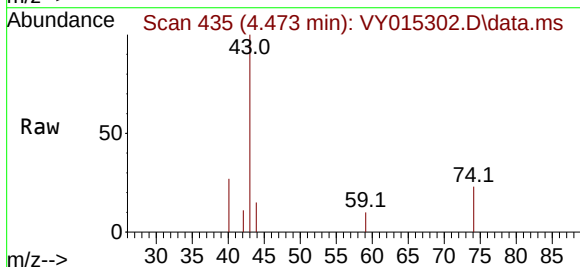
Instrument :
MSVOA_Y
ClientSampleId :
TP-10(6-7)

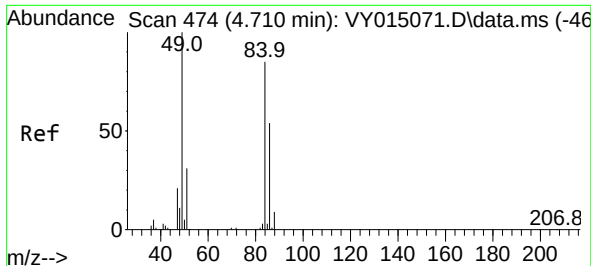
Tgt Ion:168 Resp: 126452
Ion Ratio Lower Upper
168 100
99 50.9 43.4 65.0



#18
Methyl Acetate
Concen: 2.103 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.007 min
Lab File: VY015302.D
Acq: 23 Aug 2023 23:38

Tgt Ion: 43 Resp: 3821
Ion Ratio Lower Upper
43 100
74 23.1 17.4 26.0

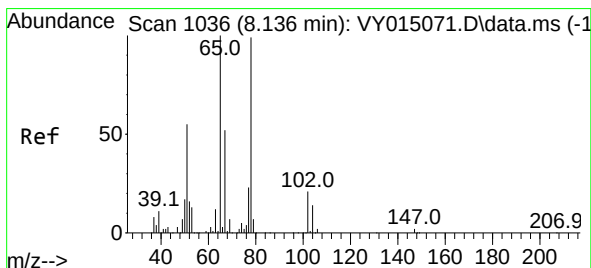
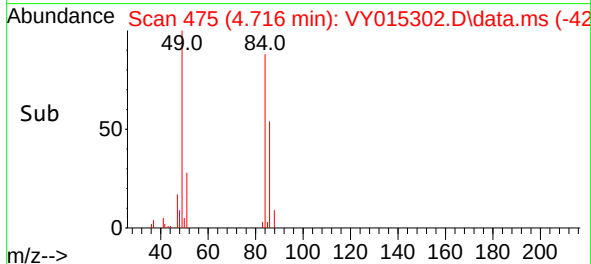
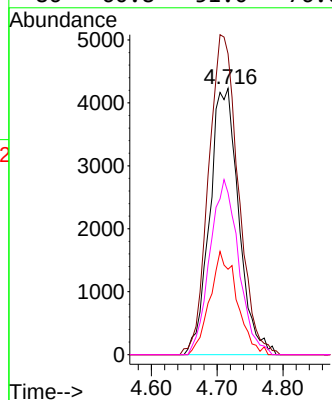
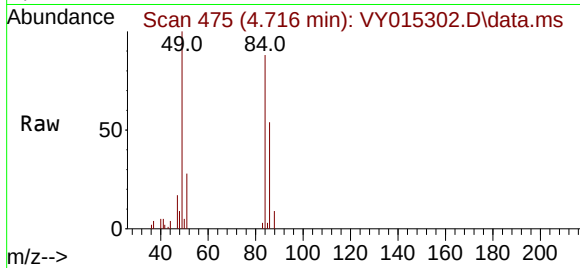




#20
Methylene Chloride
Concen: 7.227 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY015302.D
Acq: 23 Aug 2023 23:38

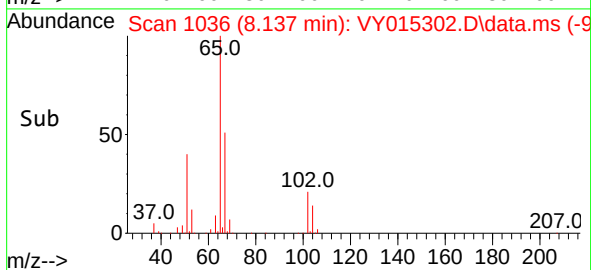
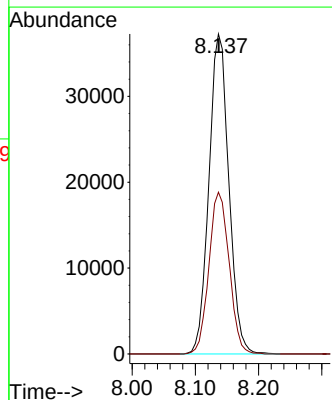
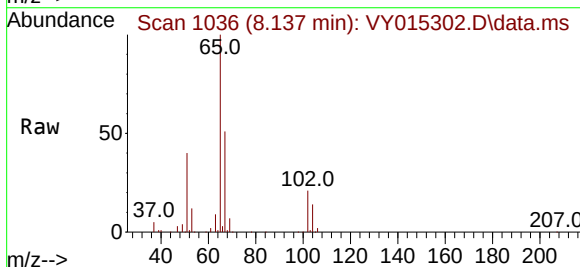
Instrument :
MSVOA_Y
ClientSampleId :
TP-10(6-7)

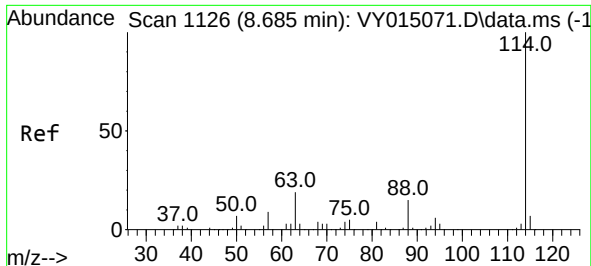
Tgt Ion:	84	Resp:	12987
Ion	Ratio	Lower	Upper
84	100		
49	113.1	106.9	160.3
51	32.1	33.2	49.8#
86	60.8	51.0	76.6



#33
1,2-Dichloroethane-d4
Concen: 53.687 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015302.D
Acq: 23 Aug 2023 23:38

Tgt Ion:	65	Resp:	81493
Ion	Ratio	Lower	Upper
65	100		
67	51.4	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: VY015302.D

Acq: 23 Aug 2023 23:38

Instrument :

MSVOA_Y

ClientSampleId :

TP-10(6-7)

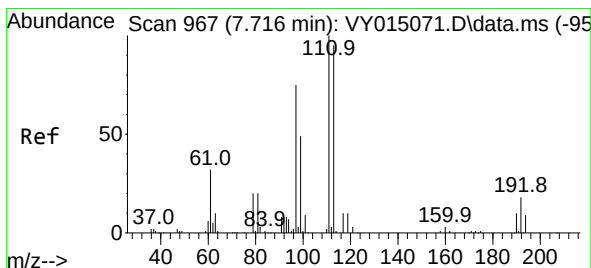
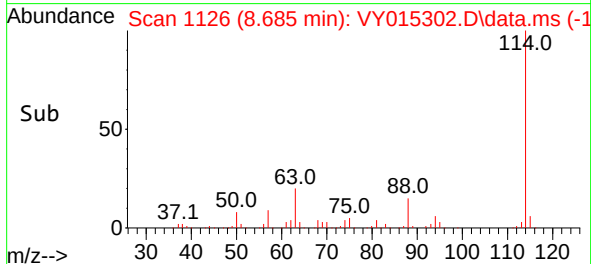
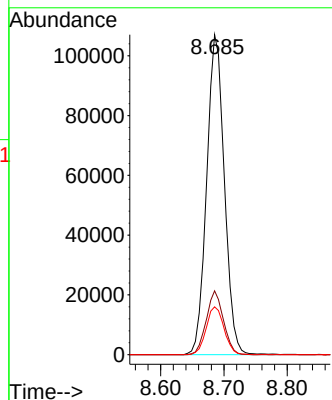
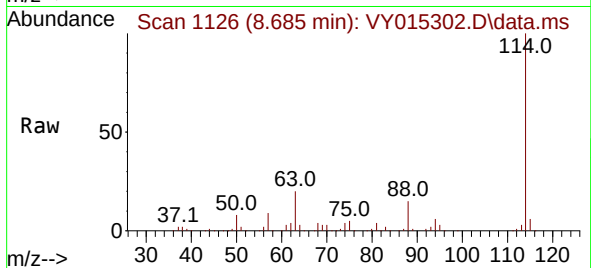
Tgt Ion:114 Resp: 208681

Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.4

88 15.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.555 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY015302.D

Acq: 23 Aug 2023 23:38

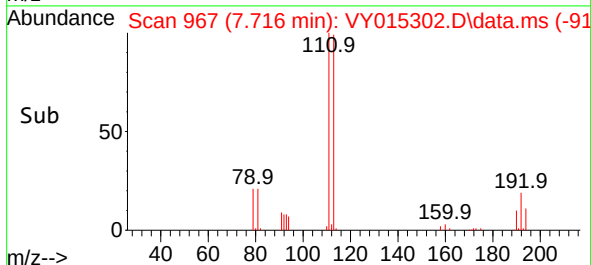
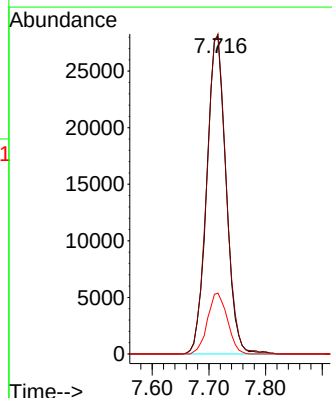
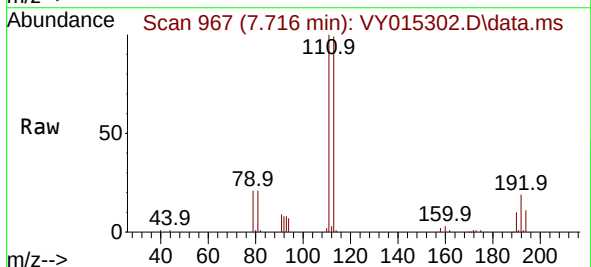
Tgt Ion:113 Resp: 66528

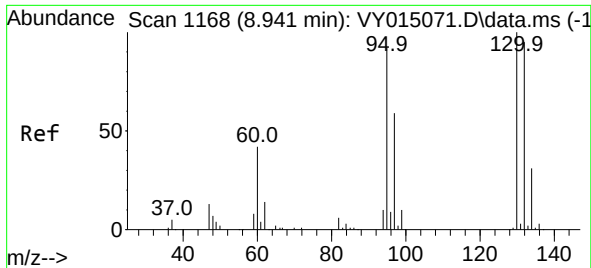
Ion Ratio Lower Upper

113 100

111 101.0 81.3 121.9

192 19.6 16.9 25.3





#44

Trichloroethene

Concen: 2.098 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VY015302.D

Acq: 23 Aug 2023 23:38

Instrument :

MSVOA_Y

ClientSampleId :

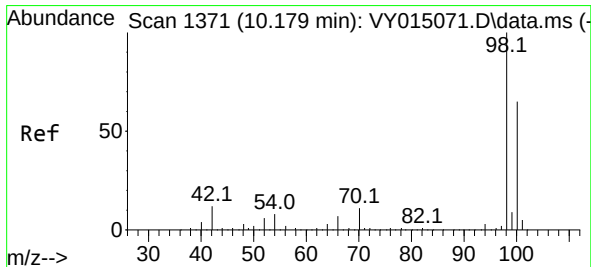
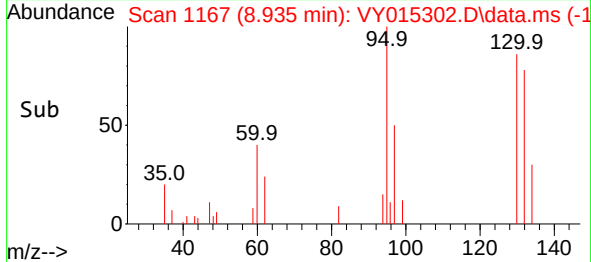
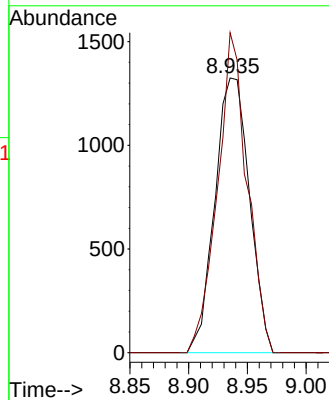
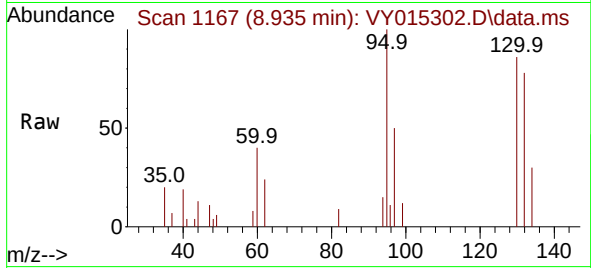
TP-10(6-7)

Tgt Ion:130 Resp: 2714

Ion Ratio Lower Upper

130 100

95 116.5 0.0 196.0



#50

Toluene-d8

Concen: 49.026 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY015302.D

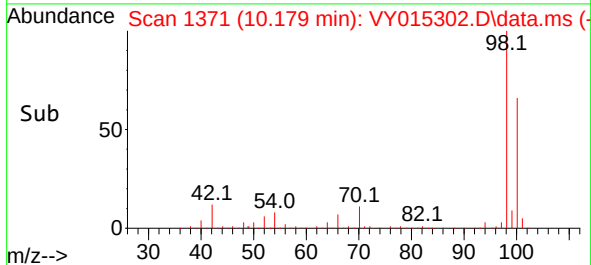
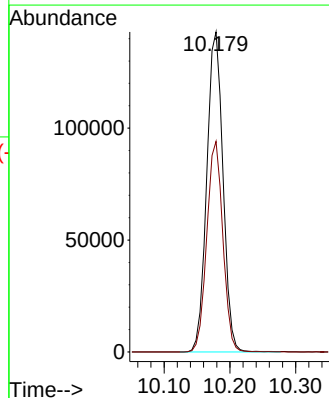
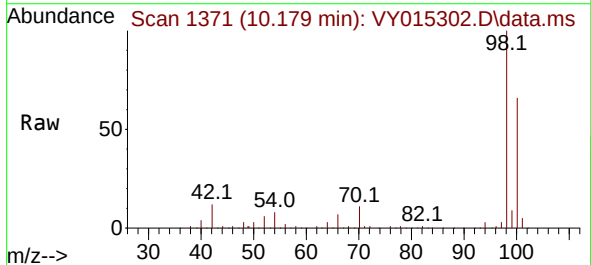
Acq: 23 Aug 2023 23:38

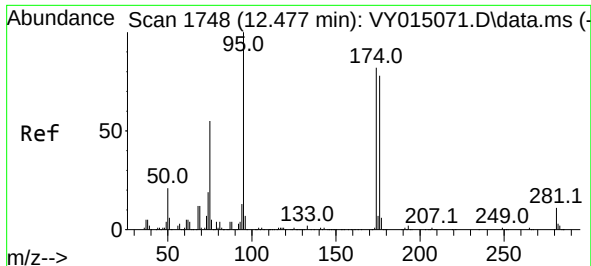
Tgt Ion: 98 Resp: 245013

Ion Ratio Lower Upper

98 100

100 65.3 50.1 75.1

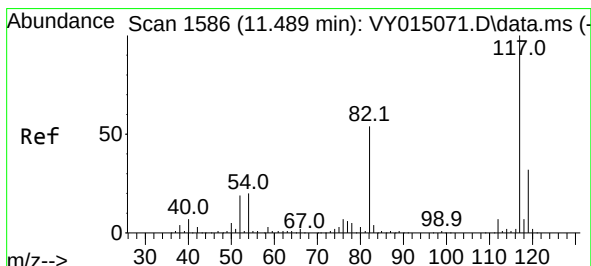
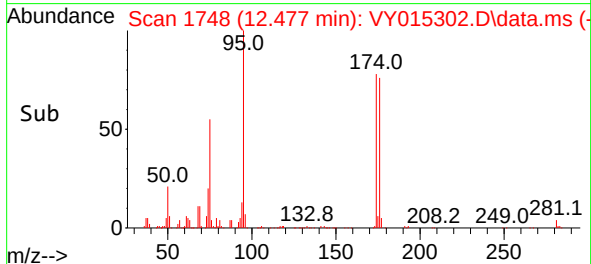
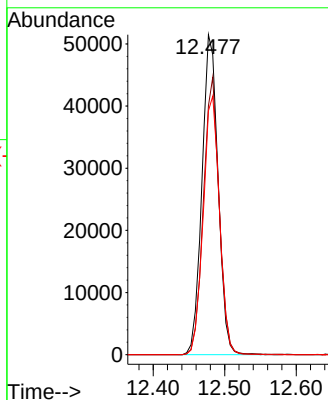
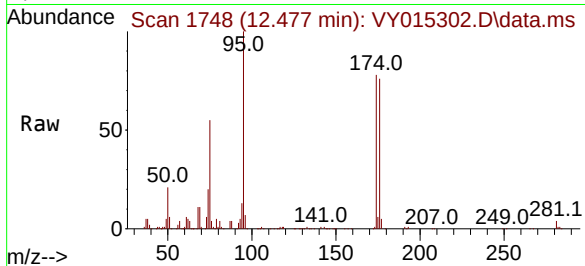




#62
4-Bromofluorobenzene
Concen: 44.049 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015302.D
Acq: 23 Aug 2023 23:38

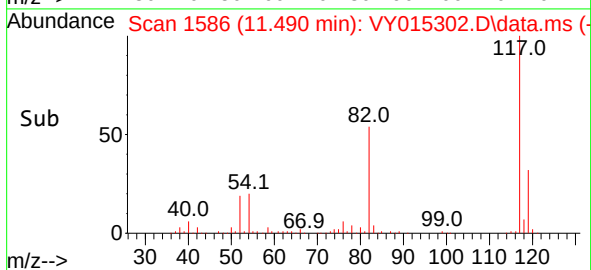
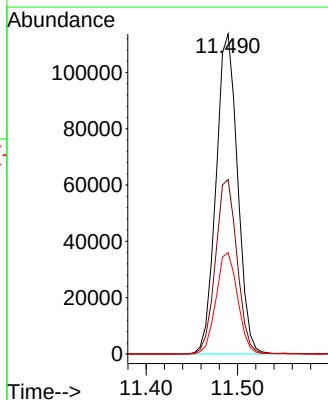
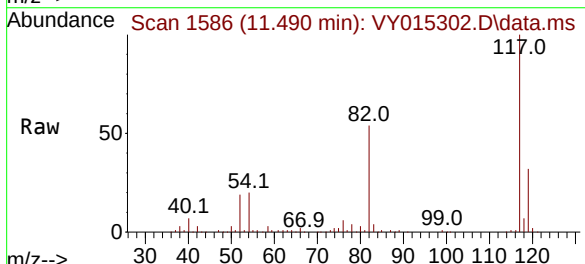
Instrument :
MSVOA_Y
ClientSampleId :
TP-10(6-7)

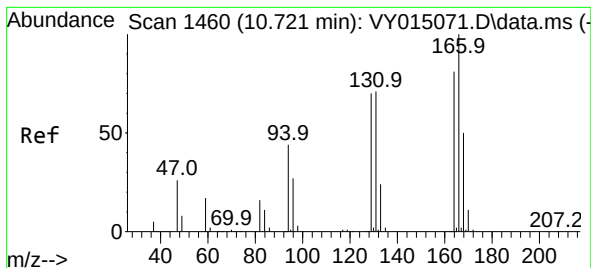
Tgt Ion: 95 Resp: 80405
Ion Ratio Lower Upper
95 100
174 84.9 0.0 178.2
176 82.0 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015302.D
Acq: 23 Aug 2023 23:38

Tgt Ion: 117 Resp: 186250
Ion Ratio Lower Upper
117 100
82 54.5 43.4 65.0
119 31.7 26.3 39.5





#64

Tetrachloroethene

Concen: 146.918 ug/l

RT: 10.715 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY015302.D

Acq: 23 Aug 2023 23:38

Instrument :

MSVOA_Y

ClientSampleId :

TP-10(6-7)

Tgt Ion:164 Resp: 190641

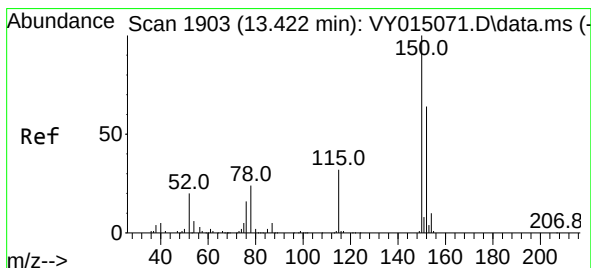
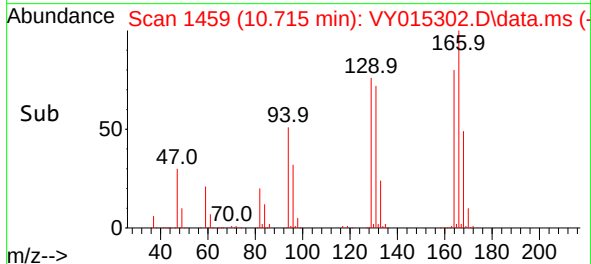
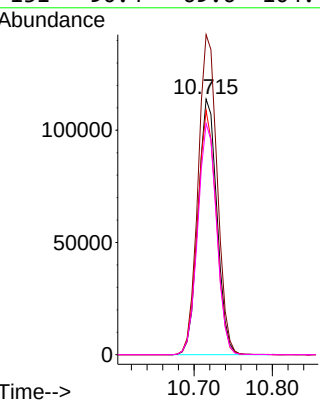
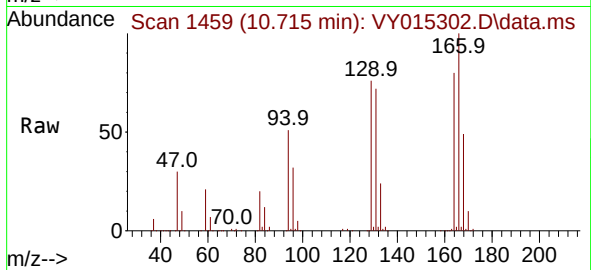
Ion Ratio Lower Upper

164 100

166 125.3 103.0 154.6

129 95.6 77.2 115.8

131 90.4 69.6 104.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY015302.D

Acq: 23 Aug 2023 23:38

Tgt Ion:152 Resp: 88001

Ion Ratio Lower Upper

152 100

115 58.3 28.8 86.5

150 155.6 0.0 348.8

