

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081023\
 Data File : VY015030.D
 Acq On : 10 Aug 2023 16:16
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Aug 11 01:57:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 07:44:56 2023
 Response via : Initial Calibration

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

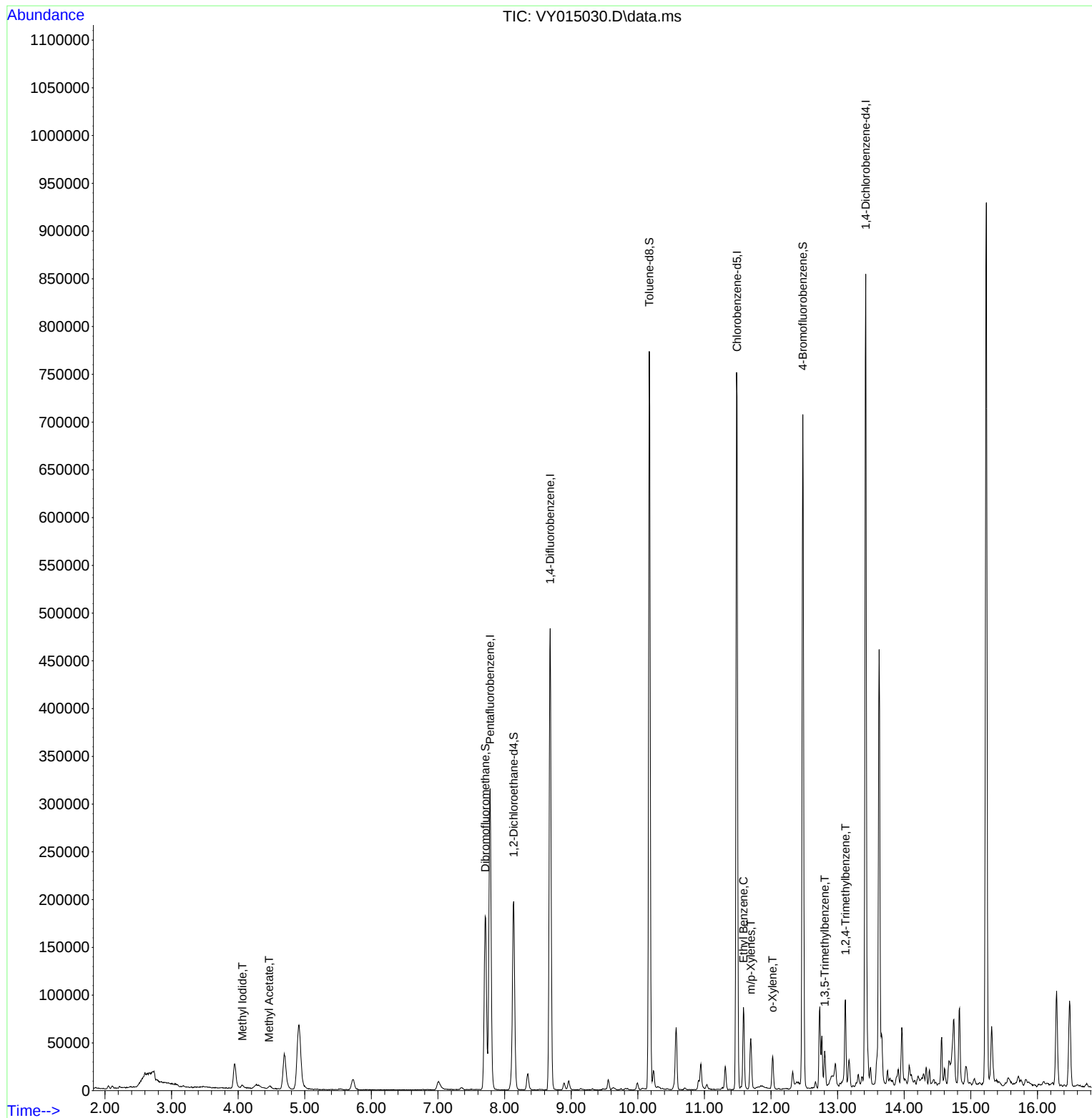
Internal Standards						
1) Pentafluorobenzene	7.783	168	251905	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	425924	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	412109	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	213857	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	153018	50.118	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.240%	
35) Dibromofluoromethane	7.710	113	131147	48.150	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.300%	
50) Toluene-d8	10.173	98	501474	48.372	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.740%	
62) 4-Bromofluorobenzene	12.477	95	197730	53.815	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 107.620%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.064	142	5445	2.305	ug/l	96
18) Methyl Acetate	4.466	43	4841	1.396	ug/l #	54
67) Ethyl Benzene	11.587	91	59282	4.320	ug/l	97
68) m/p-Xylenes	11.697	106	16091	3.065	ug/l	100
69) o-Xylene	12.026	106	9470	1.843	ug/l	98
80) 1,3,5-Trimethylbenzene	12.806	105	13543	1.143	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	48043	4.048	ug/l	96

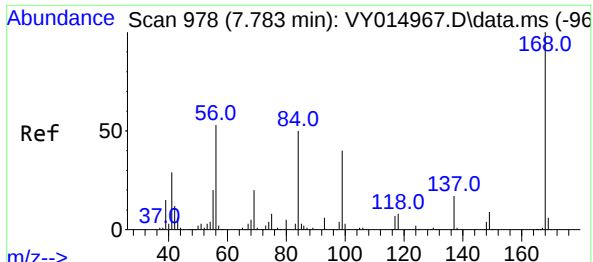
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081023\
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MSVOA_Y
ClientSampleId :
VIBLK

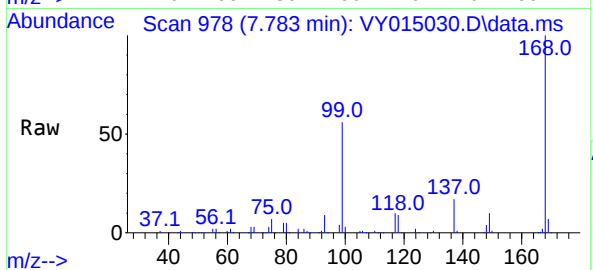
Quant Time: Aug 11 01:57:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 08 07:44:56 2023
Response via : Initial Calibration



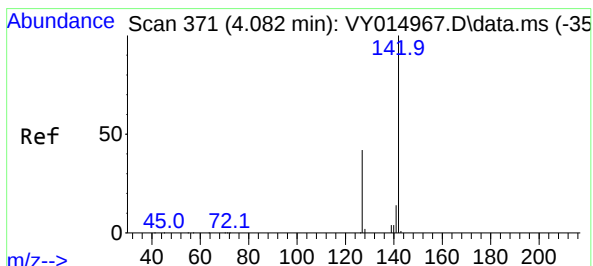
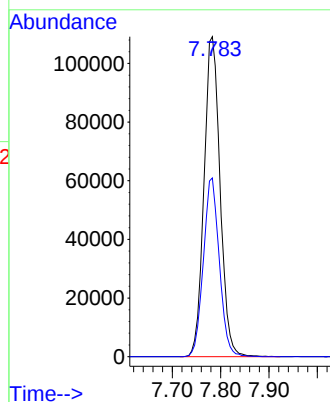
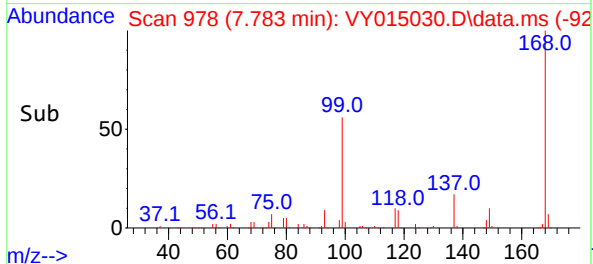


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015030.D
Acq: 10 Aug 2023 16:16

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

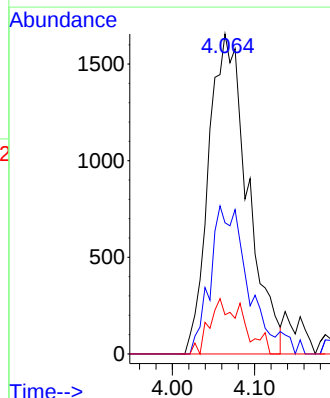
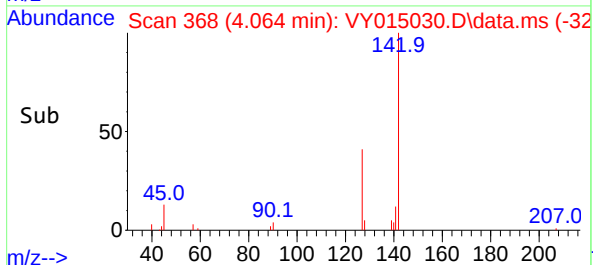
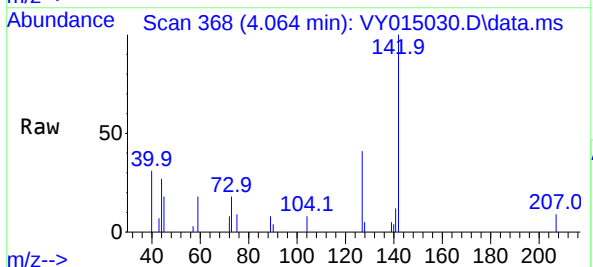


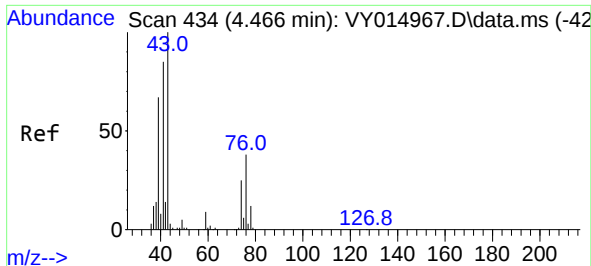
Tgt Ion:168 Resp: 251905
Ion Ratio Lower Upper
168 100
99 55.9 43.4 65.0



#10
Methyl Iodide
Concen: 2.305 ug/l
RT: 4.064 min Scan# 368
Delta R.T. -0.018 min
Lab File: VY015030.D
Acq: 10 Aug 2023 16:16

Tgt Ion:142 Resp: 5445
Ion Ratio Lower Upper
142 100
127 43.3 37.6 56.4
141 14.8 11.8 17.8

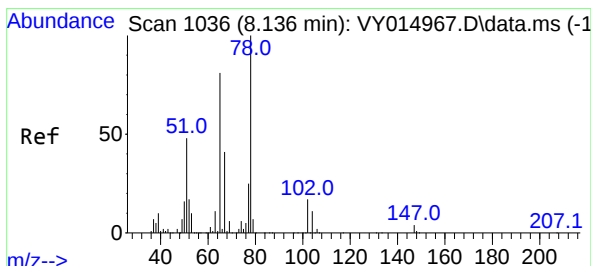
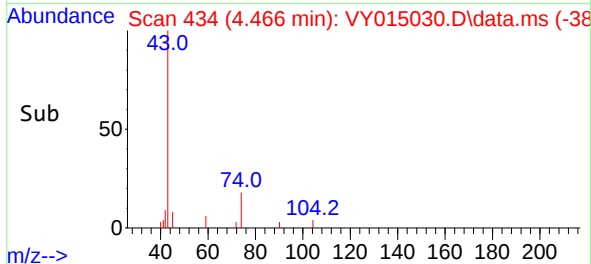
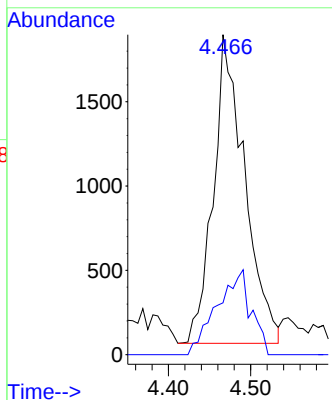
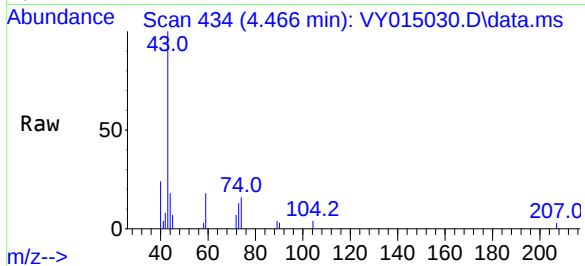




#18
Methyl Acetate
Concen: 1.396 ug/l
RT: 4.466 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY015030.D
Acq: 10 Aug 2023 16:16

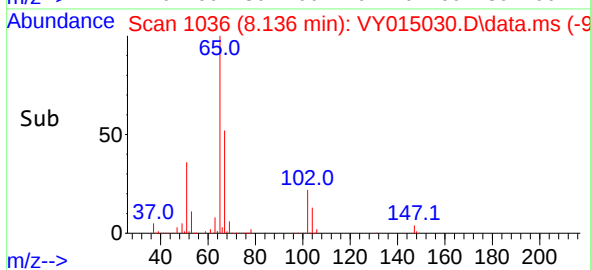
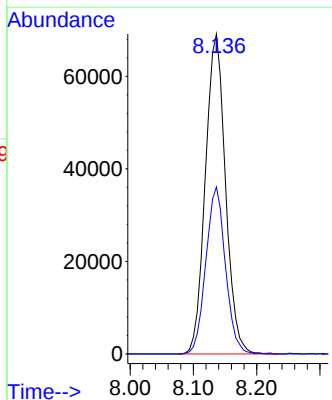
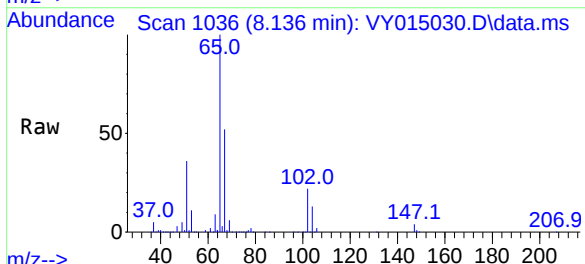
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

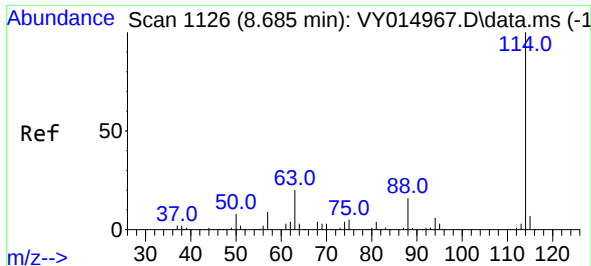
Tgt Ion: 43 Resp: 4841
Ion Ratio Lower Upper
43 100
74 0.0 17.4 26.0#



#33
1,2-Dichloroethane-d4
Concen: 50.118 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015030.D
Acq: 10 Aug 2023 16:16

Tgt Ion: 65 Resp: 153018
Ion Ratio Lower Upper
65 100
67 50.8 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: VY015030.D

Acq: 10 Aug 2023 16:16

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

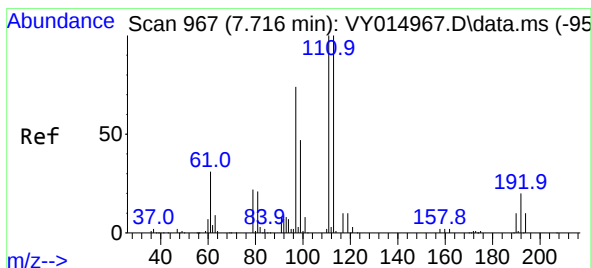
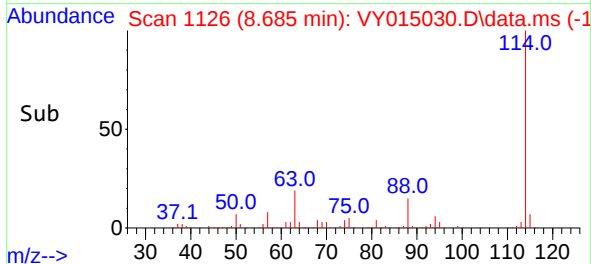
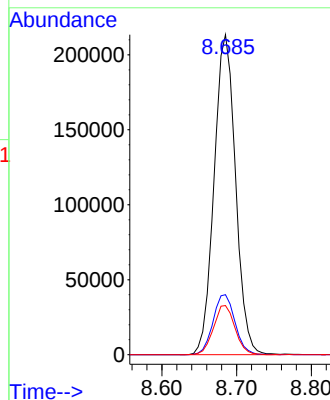
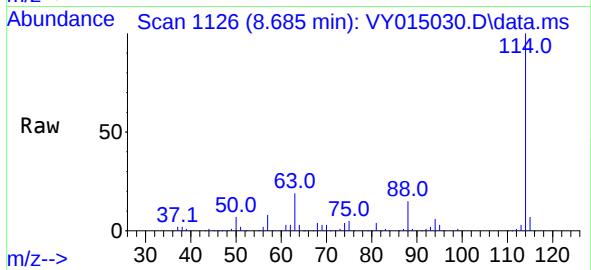
Tgt Ion:114 Resp: 425924

Ion Ratio Lower Upper

114 100

63 18.7 0.0 42.4

88 15.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.150 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY015030.D

Acq: 10 Aug 2023 16:16

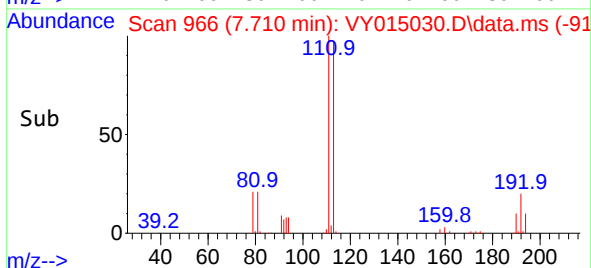
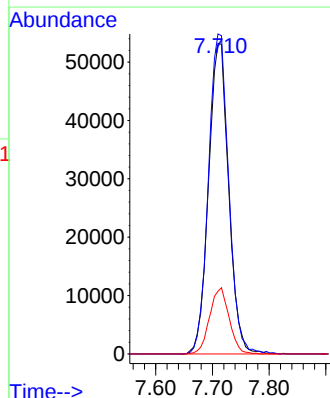
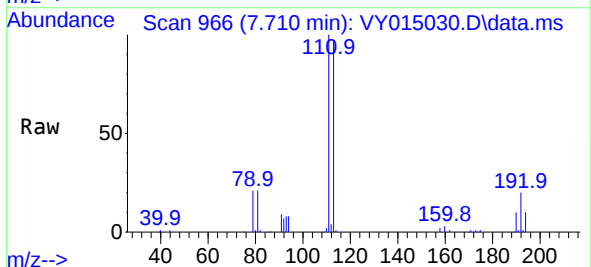
Tgt Ion:113 Resp: 131147

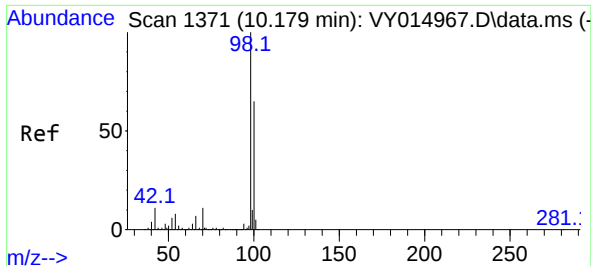
Ion Ratio Lower Upper

113 100

111 103.6 81.3 121.9

192 20.7 16.9 25.3

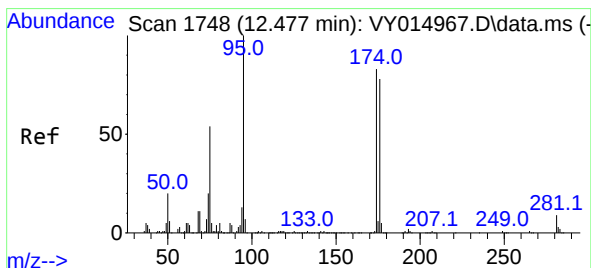
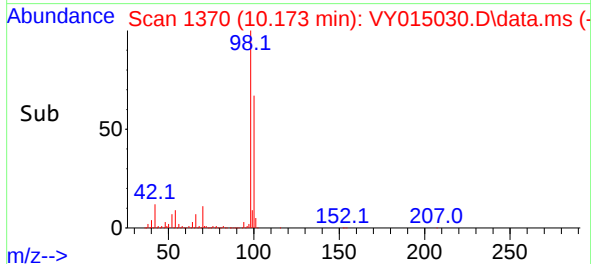
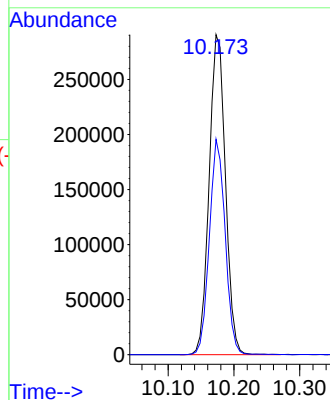
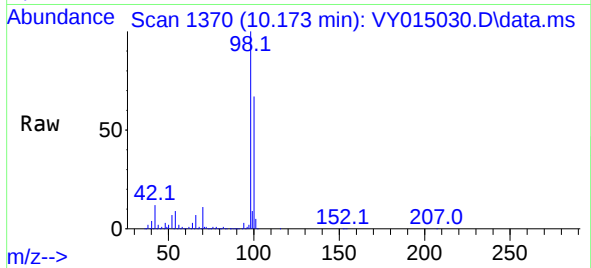




#50
Toluene-d8
Concen: 48.372 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015030.D
Acq: 10 Aug 2023 16:16

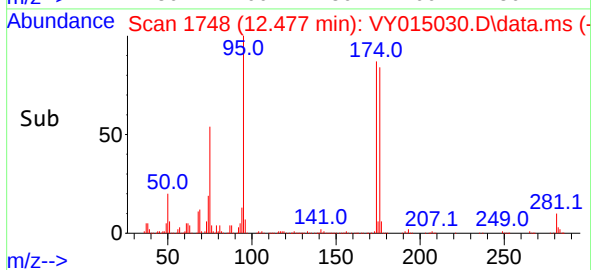
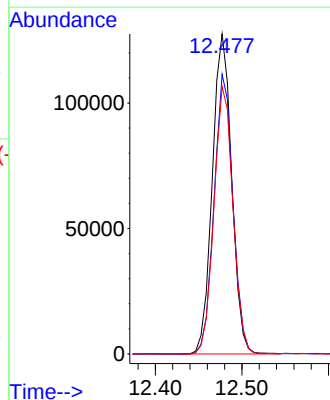
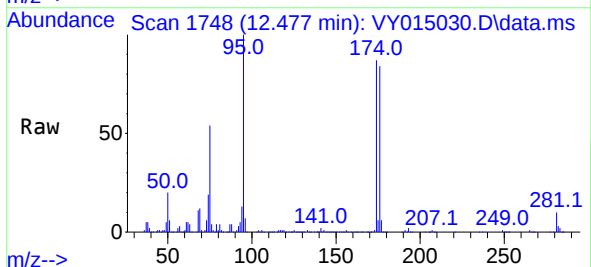
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

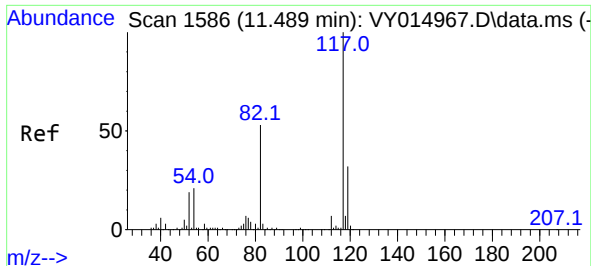
Tgt Ion: 98 Resp: 501474
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 53.815 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015030.D
Acq: 10 Aug 2023 16:16

Tgt Ion: 95 Resp: 197730
Ion Ratio Lower Upper
95 100
174 85.3 0.0 178.2
176 82.3 0.0 173.8

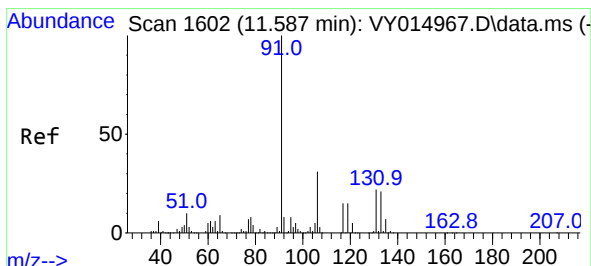
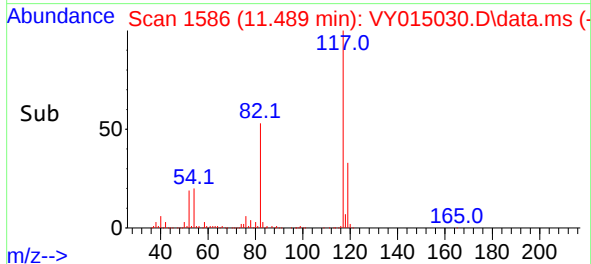
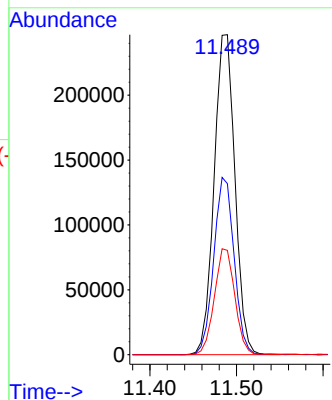
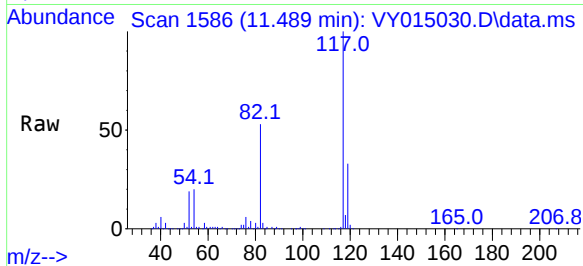




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY015030.D
Acq: 10 Aug 2023 16:16

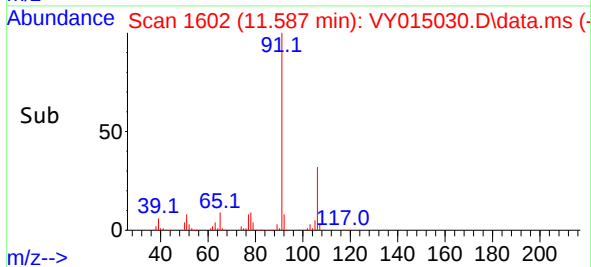
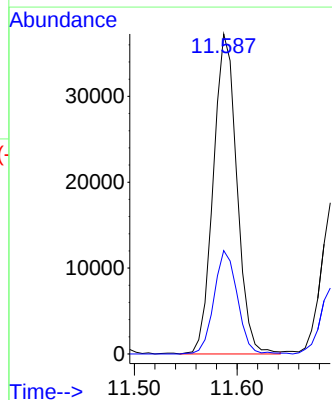
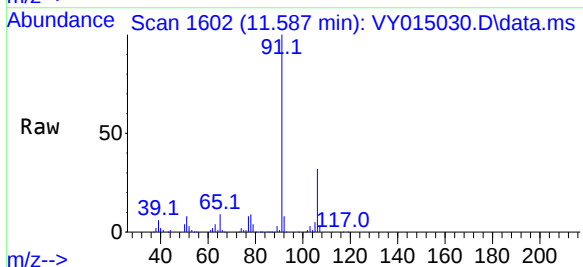
Instrument :
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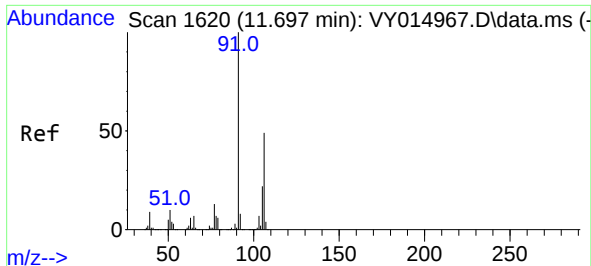
Tgt Ion:117 Resp: 412109
Ion Ratio Lower Upper
117 100
82 53.5 43.4 65.0
119 32.6 26.3 39.5



#67
Ethyl Benzene
Concen: 4.320 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY015030.D
Acq: 10 Aug 2023 16:16

Tgt Ion: 91 Resp: 59282
Ion Ratio Lower Upper
91 100
106 32.3 24.6 36.8

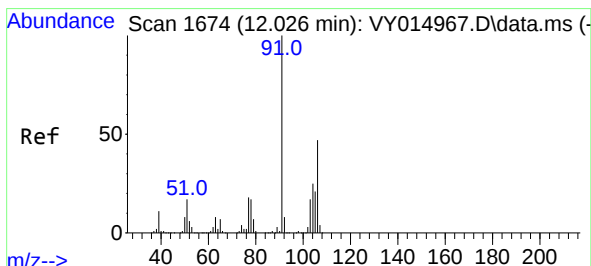
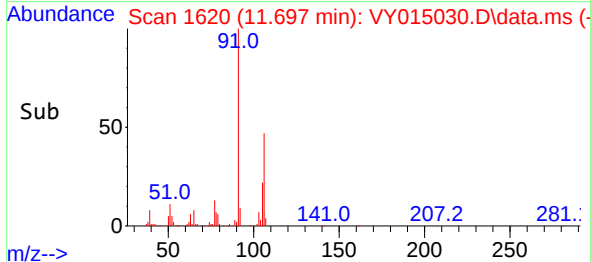
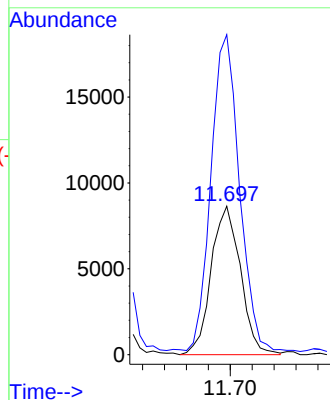
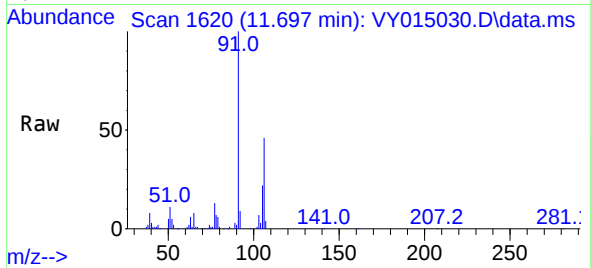




#68
m/p-Xylenes
Concen: 3.065 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VY015030.D
Acq: 10 Aug 2023 16:16

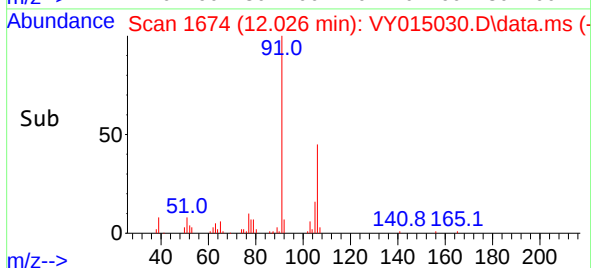
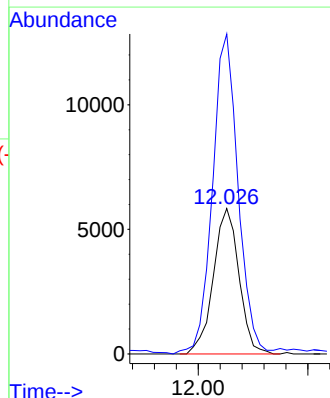
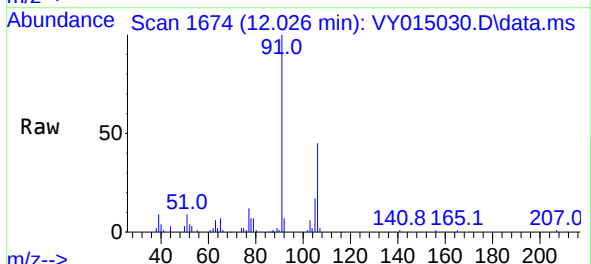
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

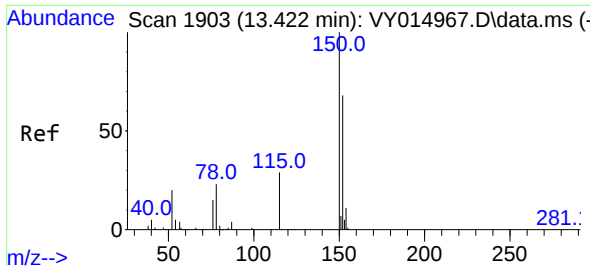
Tgt Ion:106 Resp: 16091
Ion Ratio Lower Upper
106 100
91 207.6 166.1 249.1



#69
o-Xylene
Concen: 1.843 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY015030.D
Acq: 10 Aug 2023 16:16

Tgt Ion:106 Resp: 9470
Ion Ratio Lower Upper
106 100
91 219.3 108.1 324.3



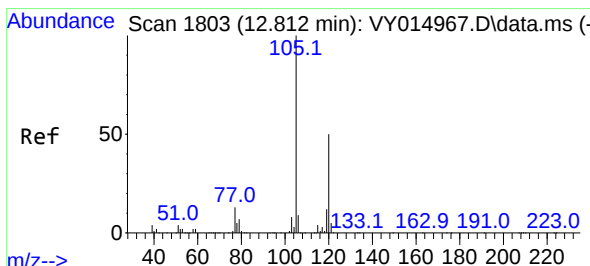
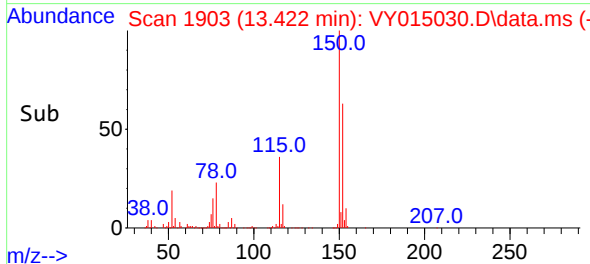
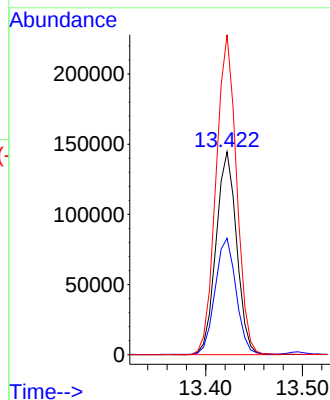
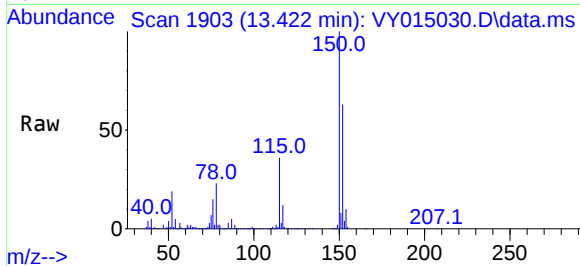


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY015030.D
 Acq: 10 Aug 2023 16:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Tgt Ion:152 Resp: 213857

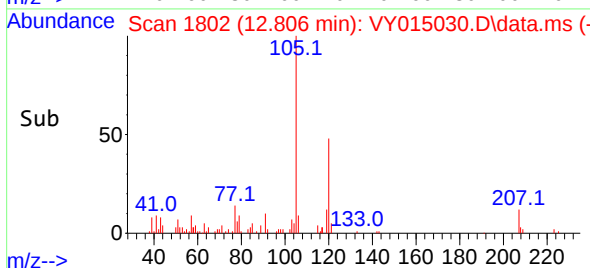
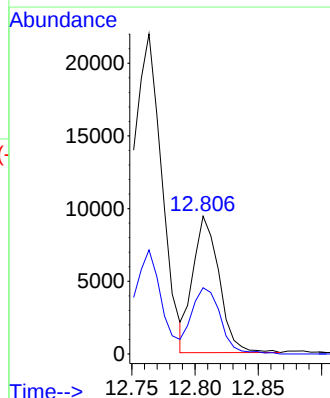
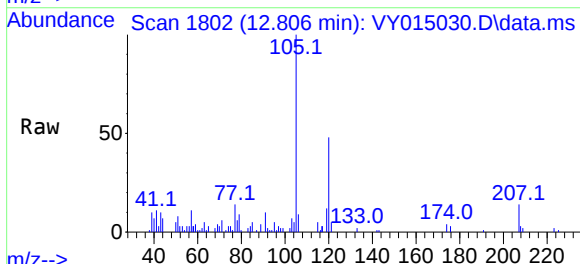
Ion	Ratio	Lower	Upper
152	100		
115	58.9	28.8	86.5
150	157.4	0.0	348.8

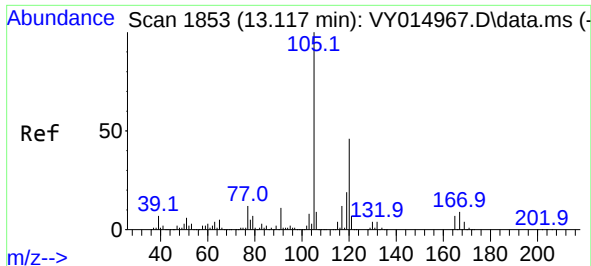


#80
 1,3,5-Trimethylbenzene
 Concen: 1.143 ug/l
 RT: 12.806 min Scan# 1802
 Delta R.T. -0.006 min
 Lab File: VY015030.D
 Acq: 10 Aug 2023 16:16

Tgt Ion:105 Resp: 13543

Ion	Ratio	Lower	Upper
105	100		
120	53.5	23.9	71.7





#84
 1,2,4-Trimethylbenzene
 Concen: 4.048 ug/l
 RT: 13.117 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY015030.D
 Acq: 10 Aug 2023 16:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Tgt Ion:105 Resp: 48043
 Ion Ratio Lower Upper
 105 100
 120 47.1 22.2 66.6

