

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081023\
 Data File : VY015031.D
 Acq On : 10 Aug 2023 16:39
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Aug 11 01:57:12 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)

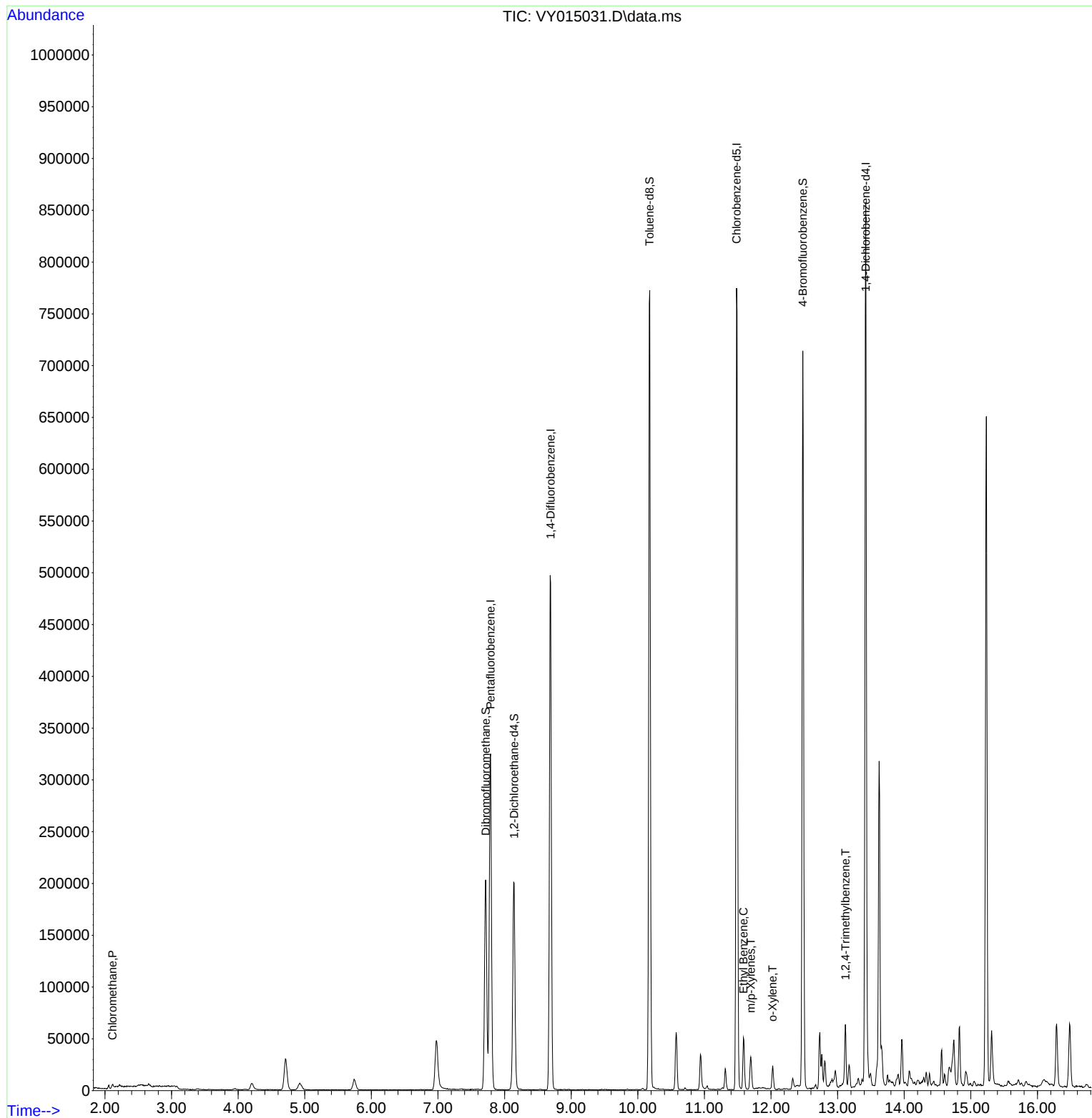
Internal Standards						
1) Pentafluorobenzene	7.789	168	257932	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	436587	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	426846	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	218301	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	154789	49.513	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.020%
35) Dibromofluoromethane	7.716	113	139712	50.042	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.080%
50) Toluene-d8	10.179	98	520814	49.011	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.020%
62) 4-Bromofluorobenzene	12.477	95	205411	54.540	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	109.080%
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	2082	1.026	ug/l	96
67) Ethyl Benzene	11.587	91	35596	2.504	ug/l	95
68) m/p-Xylenes	11.697	106	10102	1.858	ug/l	93
69) o-Xylene	12.026	106	5978	1.124	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	32797	2.707	ug/l	97

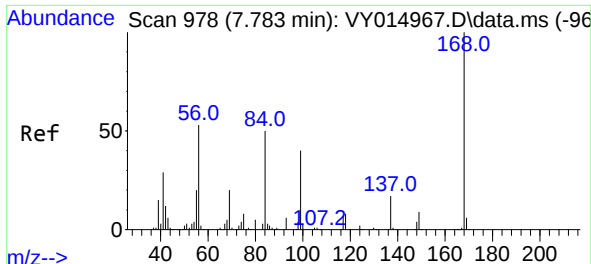
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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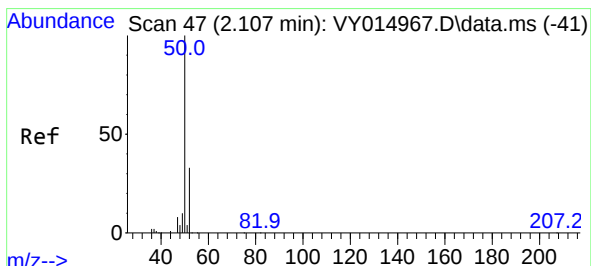
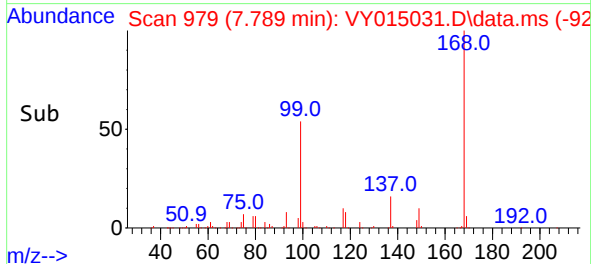
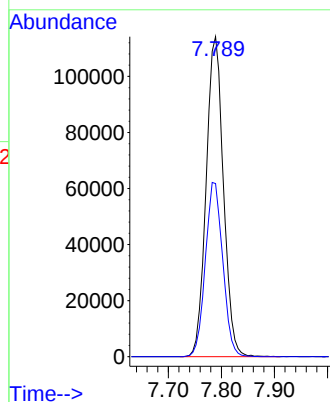
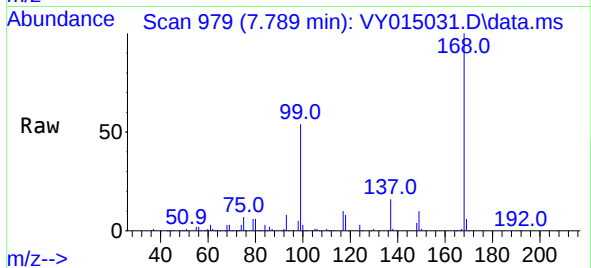




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015031.D
Acq: 10 Aug 2023 16:39

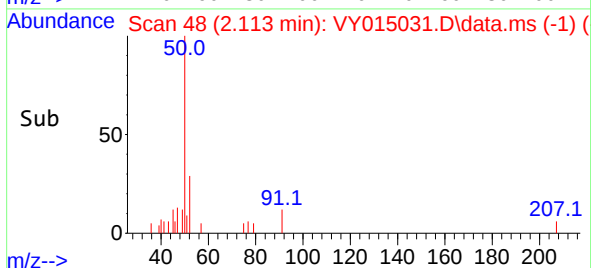
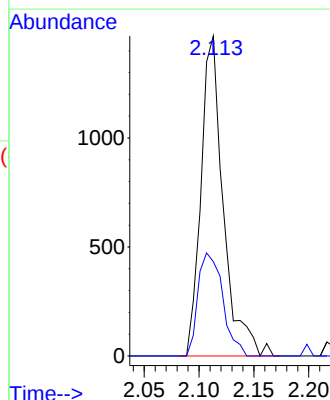
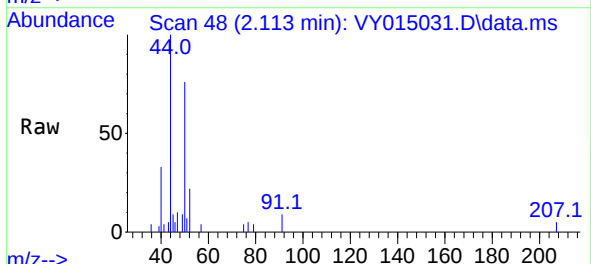
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

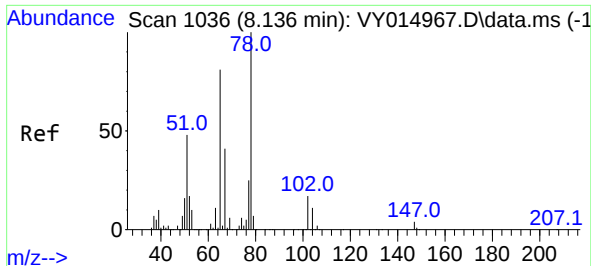
Tgt Ion:168 Resp: 257932
Ion Ratio Lower Upper
168 100
99 54.1 43.4 65.0



#3
Chloromethane
Concen: 1.026 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.006 min
Lab File: VY015031.D
Acq: 10 Aug 2023 16:39

Tgt Ion: 50 Resp: 2082
Ion Ratio Lower Upper
50 100
52 29.5 25.4 38.2





#33

1,2-Dichloroethane-d4

Concen: 49.513 ug/l

RT: 8.142 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VY015031.D

Acq: 10 Aug 2023 16:39

Instrument :

MSVOA_Y

ClientSampleId :

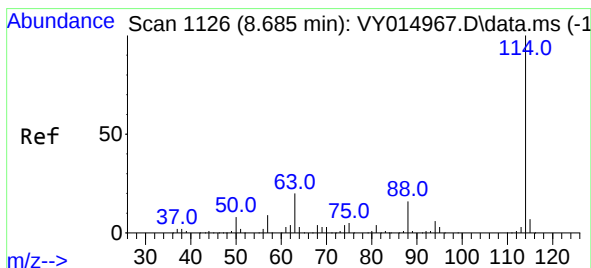
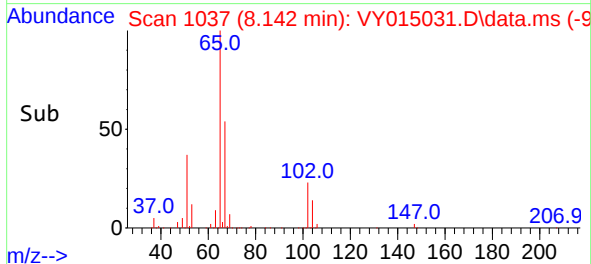
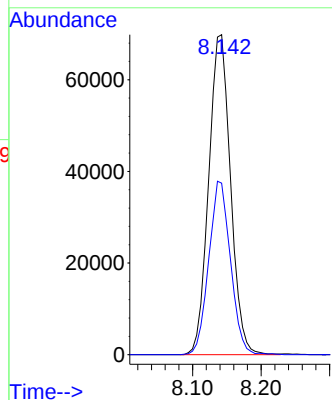
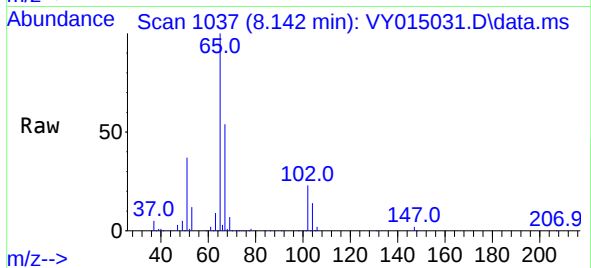
VIBLK

Tgt Ion: 65 Resp: 154789

Ion Ratio Lower Upper

65 100

67 53.8 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015031.D

Acq: 10 Aug 2023 16:39

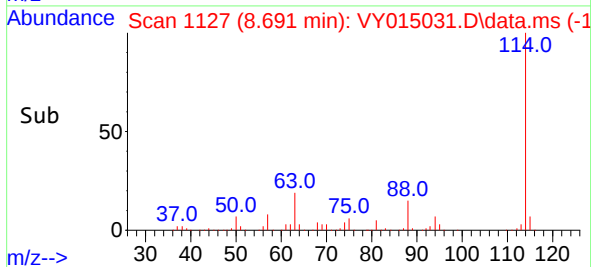
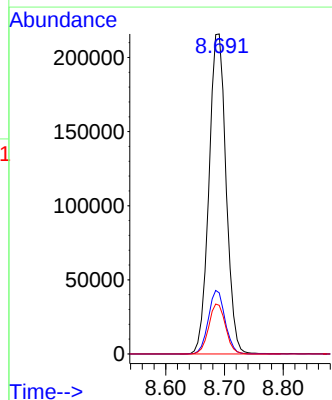
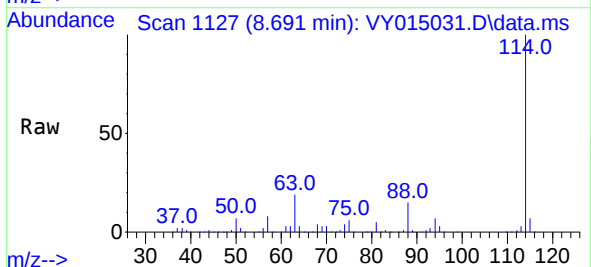
Tgt Ion: 114 Resp: 436587

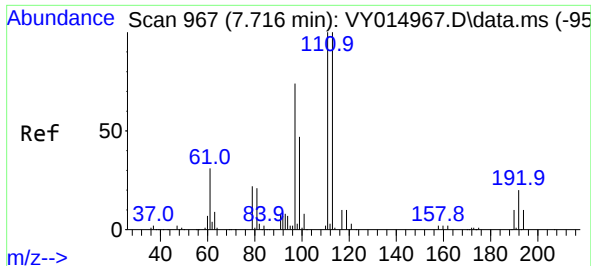
Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

88 15.2 0.0 30.6

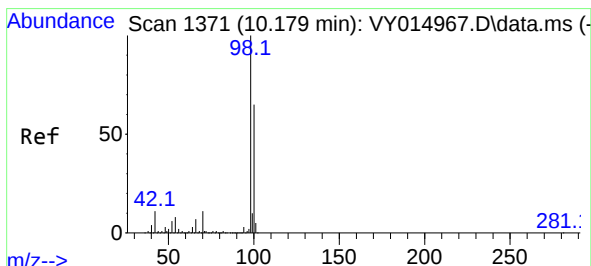
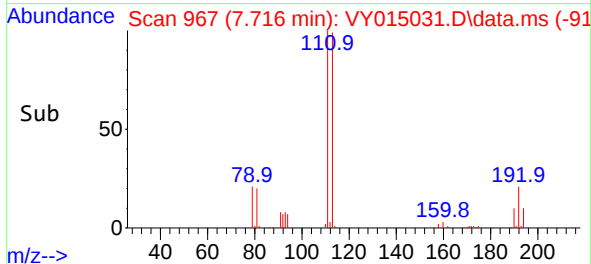
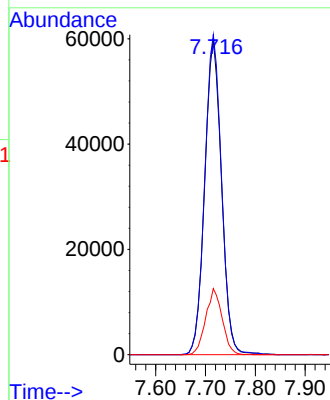
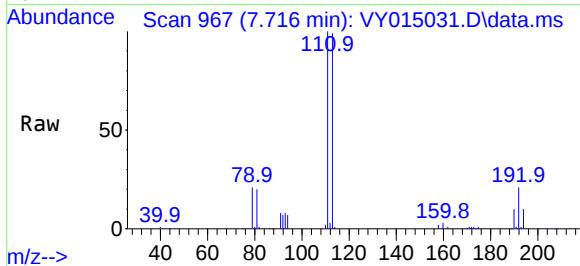




#35
Dibromofluoromethane
Concen: 50.042 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015031.D
Acq: 10 Aug 2023 16:39

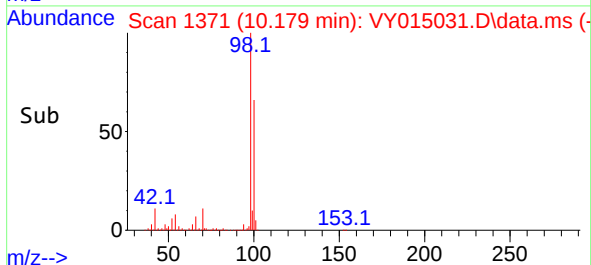
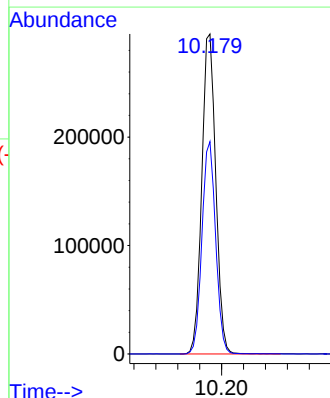
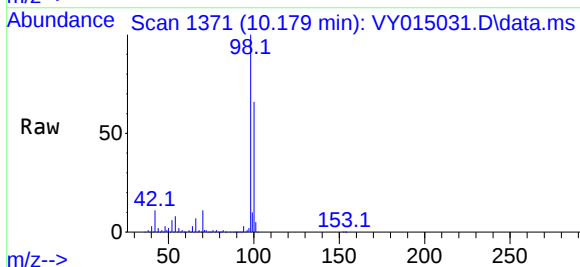
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

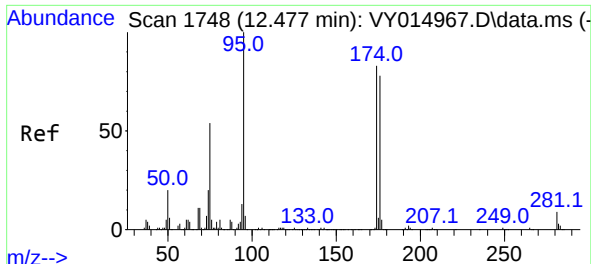
Tgt Ion:113 Resp: 139712
Ion Ratio Lower Upper
113 100
111 101.9 81.3 121.9
192 20.5 16.9 25.3



#50
Toluene-d8
Concen: 49.011 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015031.D
Acq: 10 Aug 2023 16:39

Tgt Ion: 98 Resp: 520814
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1

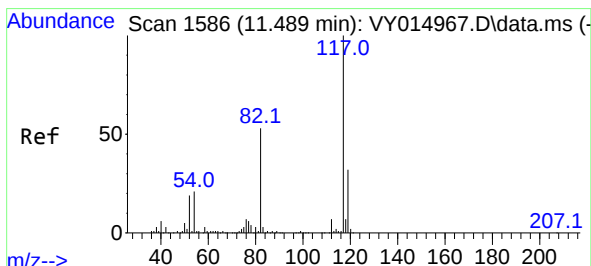
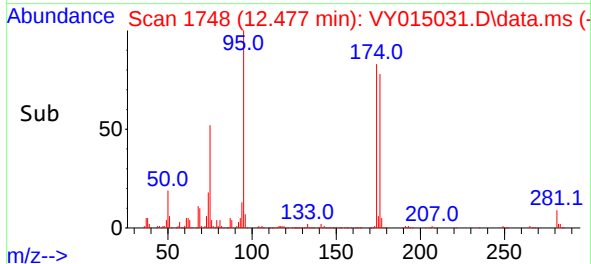
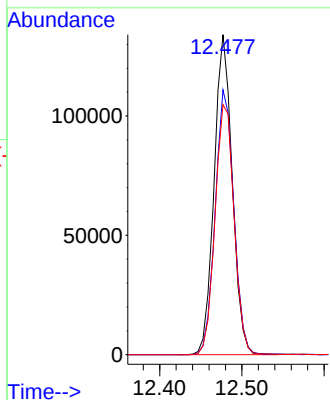
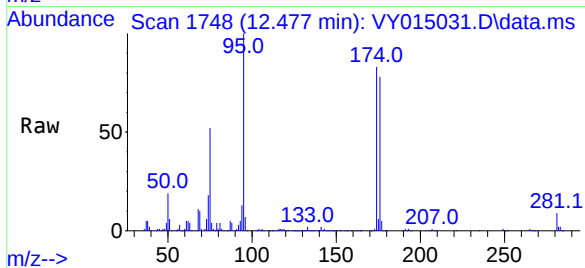




#62
4-Bromofluorobenzene
Concen: 54.540 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015031.D
Acq: 10 Aug 2023 16:39

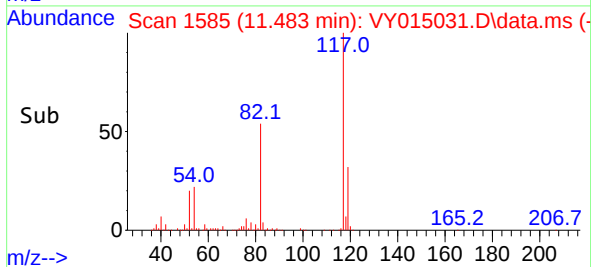
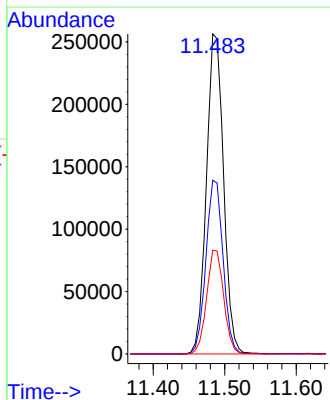
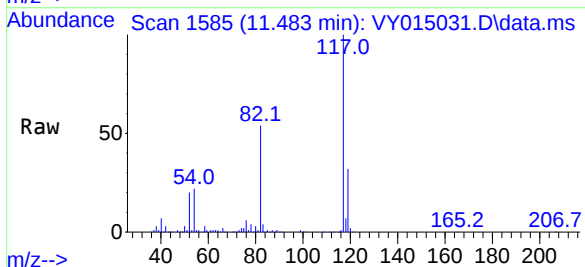
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

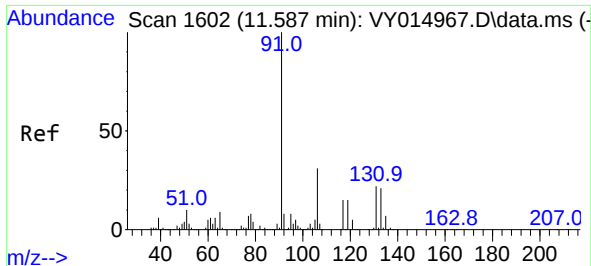
Tgt Ion: 95 Resp: 205411
Ion Ratio Lower Upper
95 100
174 84.9 0.0 178.2
176 82.1 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY015031.D
Acq: 10 Aug 2023 16:39

Tgt Ion: 117 Resp: 426846
Ion Ratio Lower Upper
117 100
82 54.3 43.4 65.0
119 32.5 26.3 39.5





#67

Ethyl Benzene

Concen: 2.504 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY015031.D

Acq: 10 Aug 2023 16:39

Instrument :

MSVOA_Y

ClientSampleId :

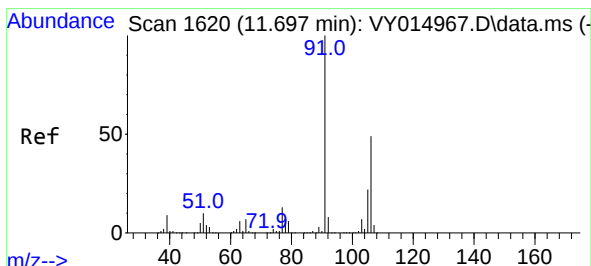
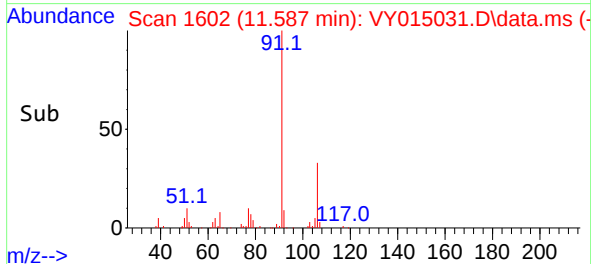
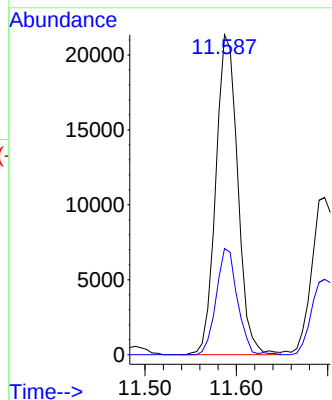
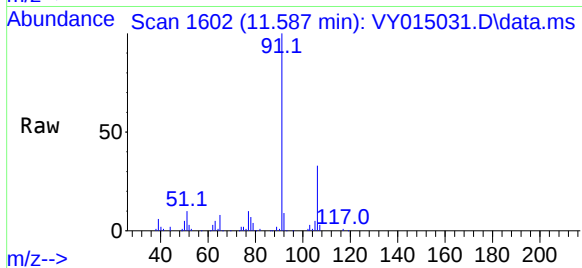
VIBLK

Tgt Ion: 91 Resp: 35596

Ion Ratio Lower Upper

91 100

106 33.2 24.6 36.8



#68

m/p-Xylenes

Concen: 1.858 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VY015031.D

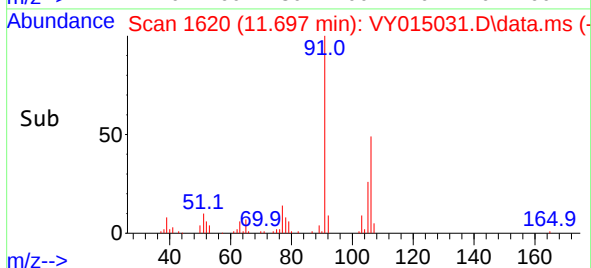
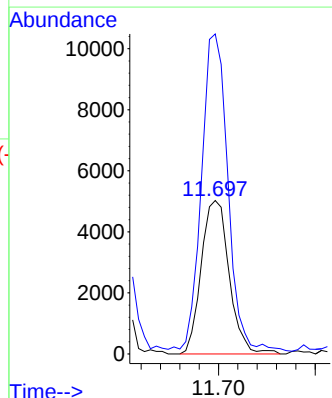
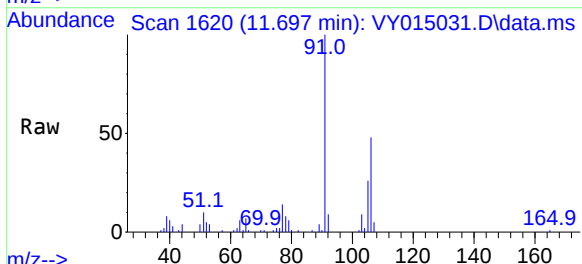
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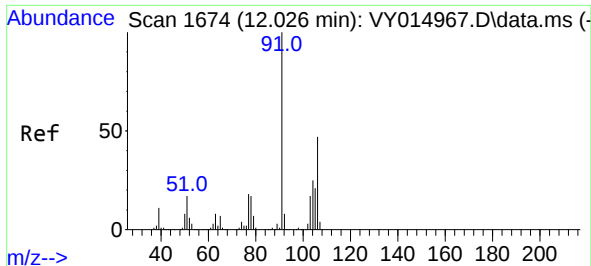
Tgt Ion:106 Resp: 10102

Ion Ratio Lower Upper

106 100

91 196.6 166.1 249.1

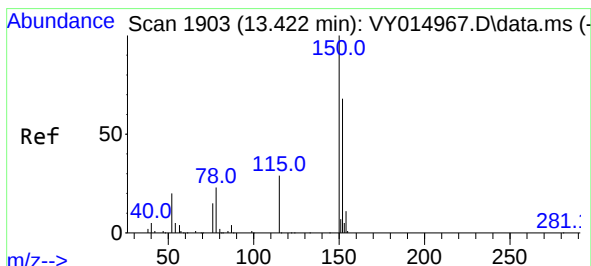
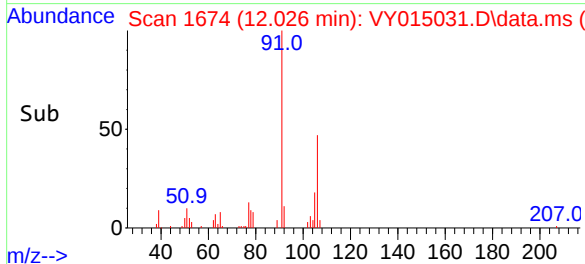
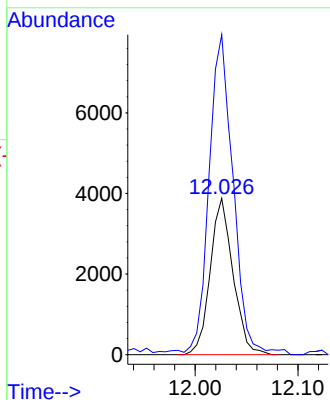
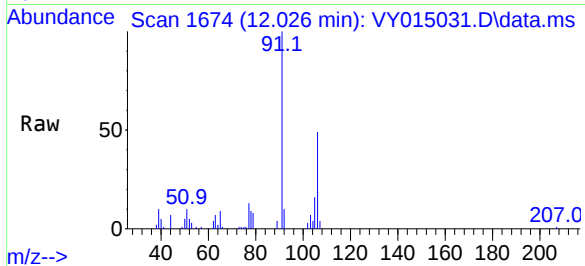




#69
o-Xylene
Concen: 1.124 ug/l
RT: 12.026 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY015031.D
Acq: 10 Aug 2023 16:39

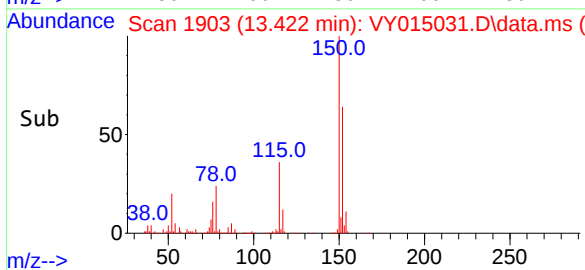
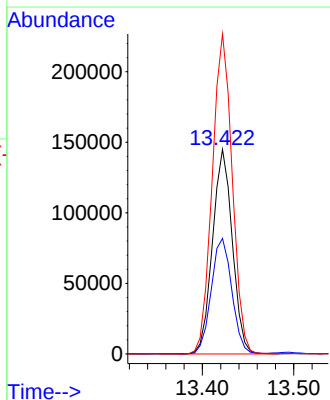
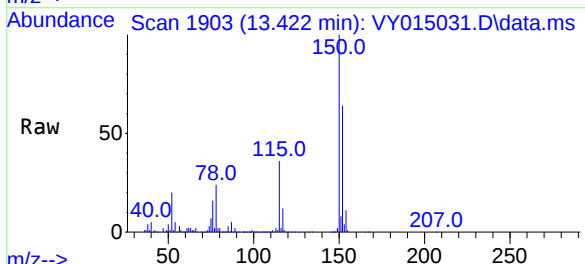
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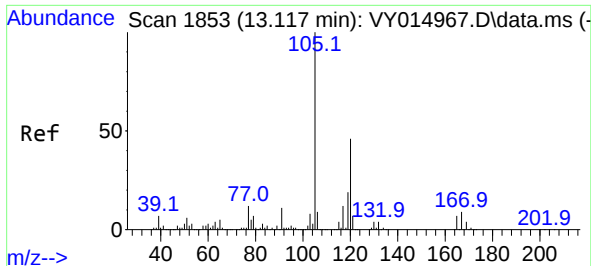
Tgt Ion:106 Resp: 5978
Ion Ratio Lower Upper
106 100
91 217.6 108.1 324.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015031.D
Acq: 10 Aug 2023 16:39

Tgt Ion:152 Resp: 218301
Ion Ratio Lower Upper
152 100
115 58.6 28.8 86.5
150 158.4 0.0 348.8





#84
 1,2,4-Trimethylbenzene
 Concen: 2.707 ug/l
 RT: 13.117 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VY015031.D
 Acq: 10 Aug 2023 16:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Tgt Ion:105 Resp: 32797
 Ion Ratio Lower Upper
 105 100
 120 46.2 22.2 66.6

