

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081023\
 Data File : VY015033.D
 Acq On : 10 Aug 2023 17:26
 Operator : SY/MD
 Sample : 03954-10
 Misc : 4.33g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-18

Quant Time: Aug 11 01:57:23 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)

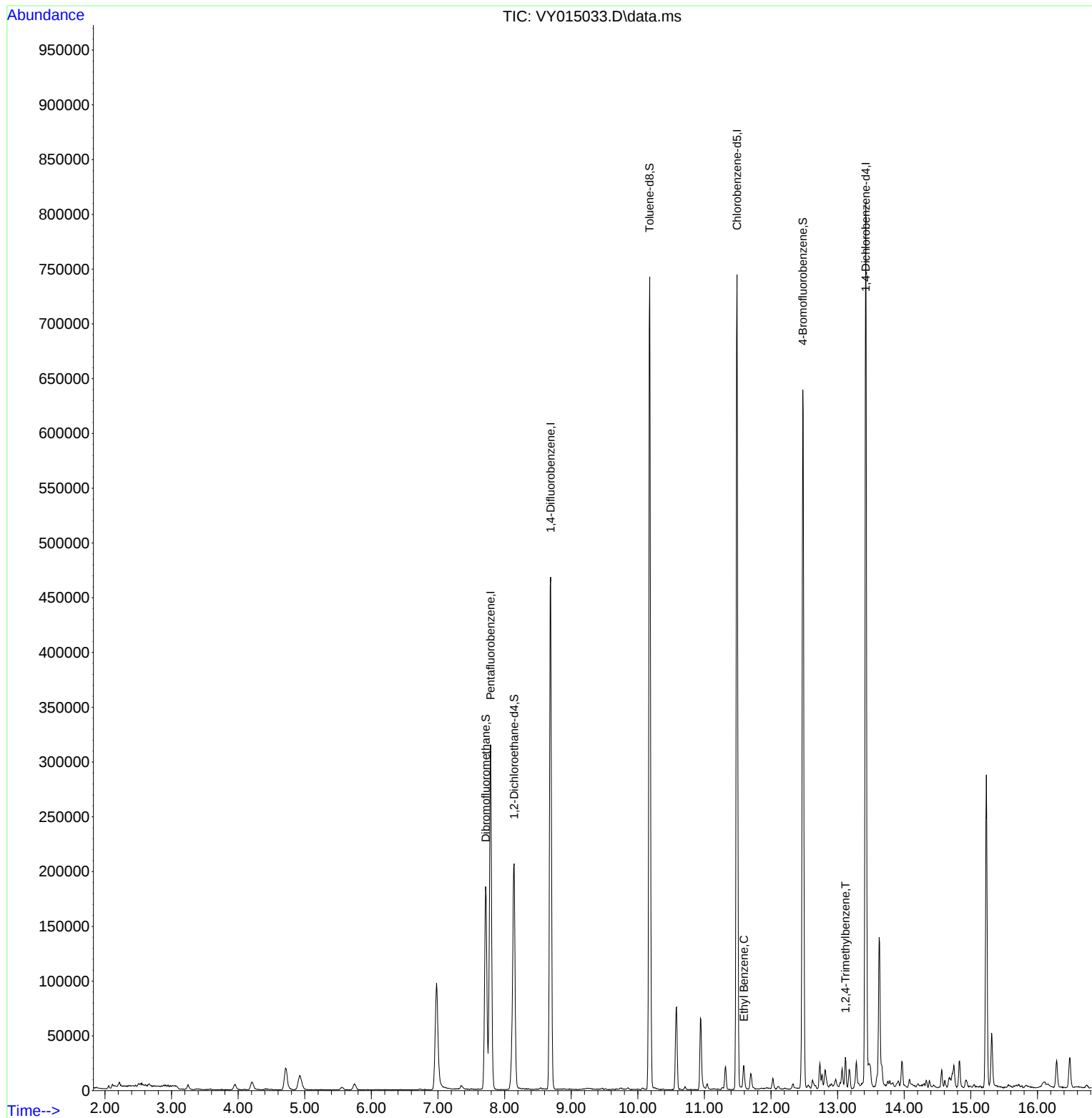
Internal Standards						
1) Pentafluorobenzene	7.789	168	241461	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	408126	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	403344	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	205549	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	152513	52.113	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.220%	
35) Dibromofluoromethane	7.716	113	130766	50.104	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.200%	
50) Toluene-d8	10.179	98	484318	48.754	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.500%	
62) 4-Bromofluorobenzene	12.477	95	192480	54.671	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 109.340%	
Target Compounds						Qvalue
67) Ethyl Benzene	11.593	91	14722	1.096	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	14789	1.296	ug/l	93

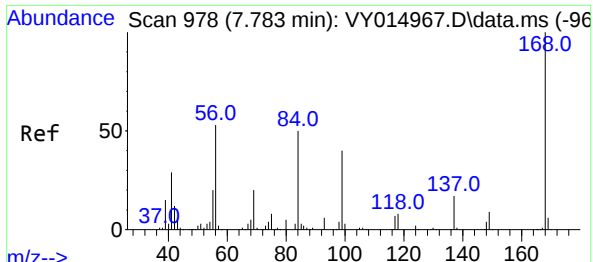
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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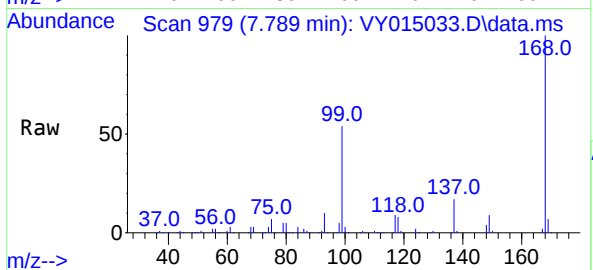
Quant Time: Aug 11 01:57:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
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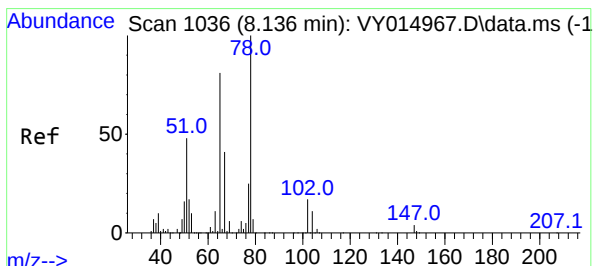
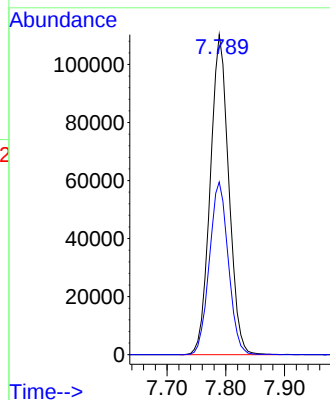
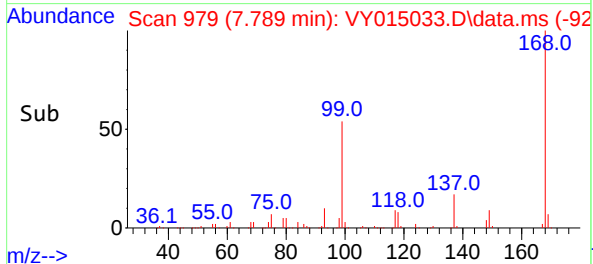


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015033.D
Acq: 10 Aug 2023 17:26

Instrument :
MSVOA_Y
ClientSampleId :
WC-18

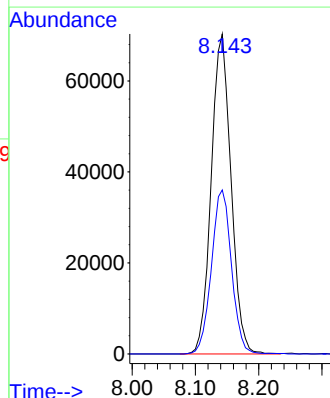
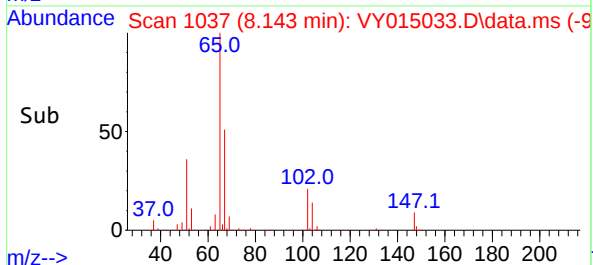
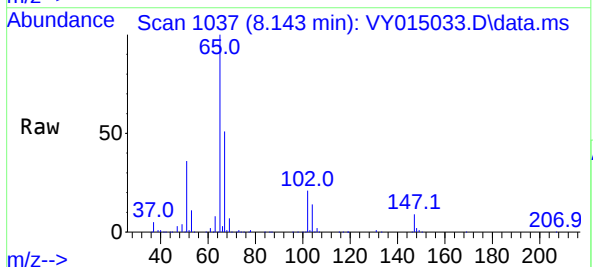


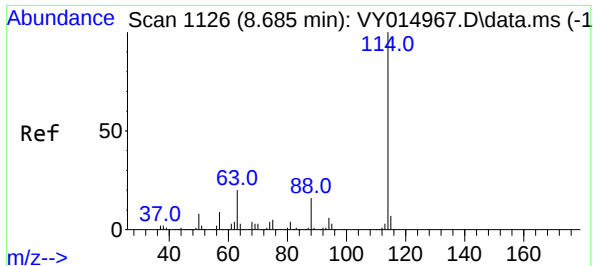
Tgt Ion:168 Resp: 241461
Ion Ratio Lower Upper
168 100
99 54.0 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 52.113 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY015033.D
Acq: 10 Aug 2023 17:26

Tgt Ion: 65 Resp: 152513
Ion Ratio Lower Upper
65 100
67 52.0 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: VY015033.D

Acq: 10 Aug 2023 17:26

Instrument :

MSVOA_Y

ClientSampleId :

WC-18

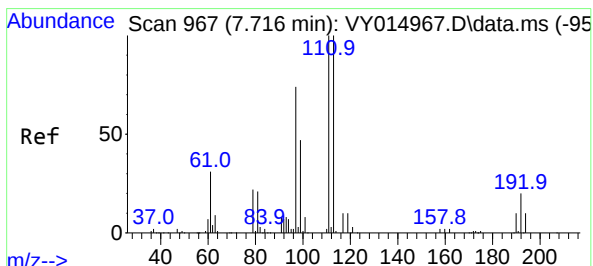
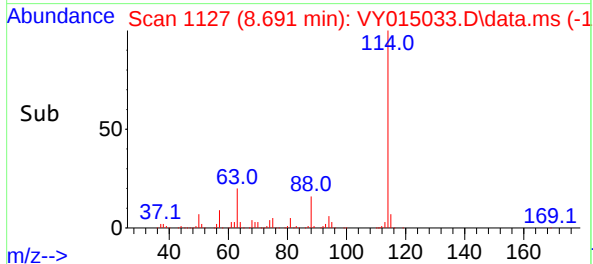
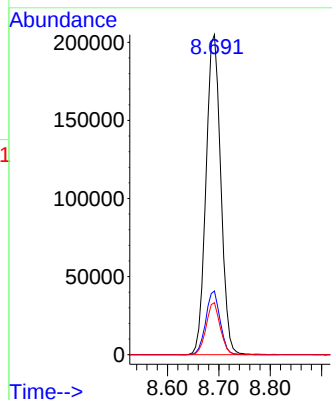
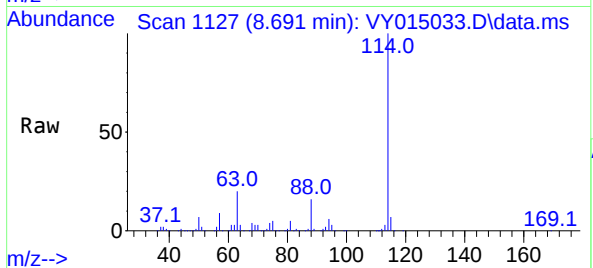
Tgt Ion:114 Resp: 408126

Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.4

88 16.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.104 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY015033.D

Acq: 10 Aug 2023 17:26

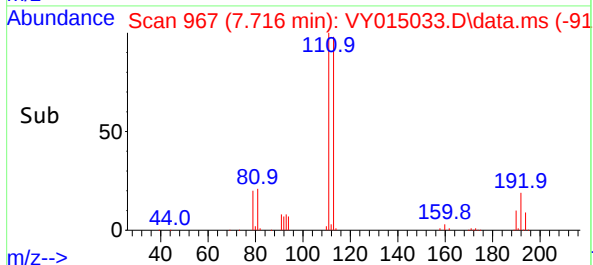
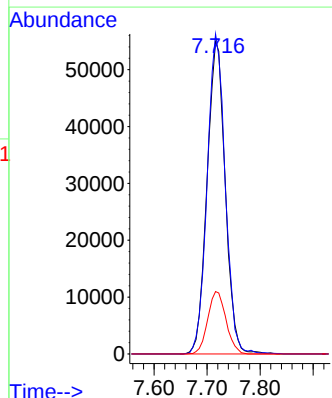
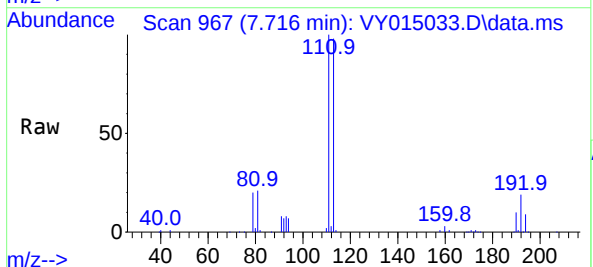
Tgt Ion:113 Resp: 130766

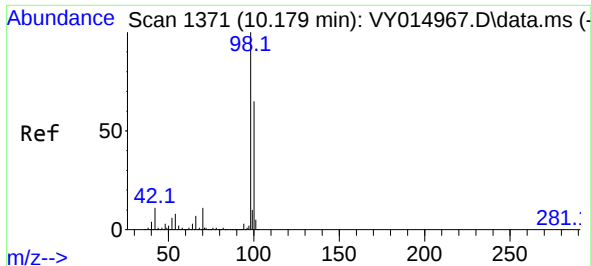
Ion Ratio Lower Upper

113 100

111 101.6 81.3 121.9

192 20.1 16.9 25.3

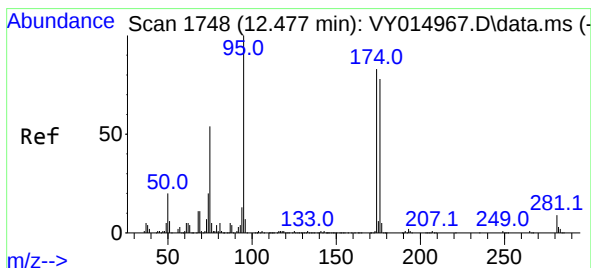
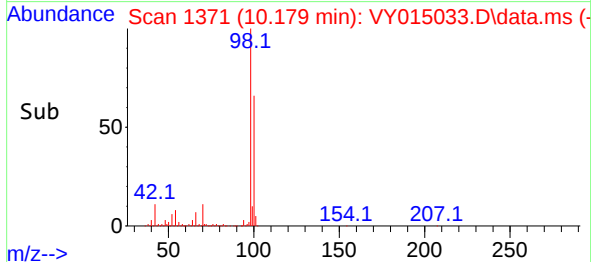
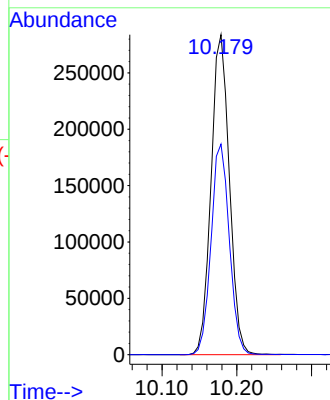
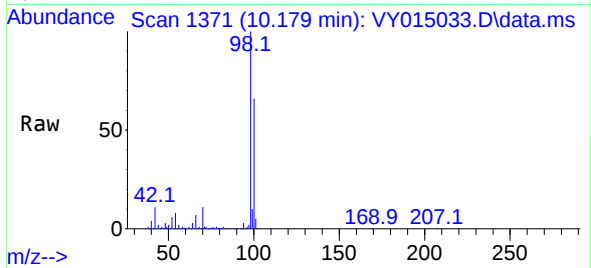




#50
Toluene-d8
Concen: 48.754 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015033.D
Acq: 10 Aug 2023 17:26

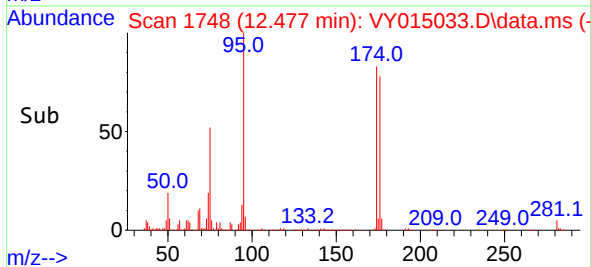
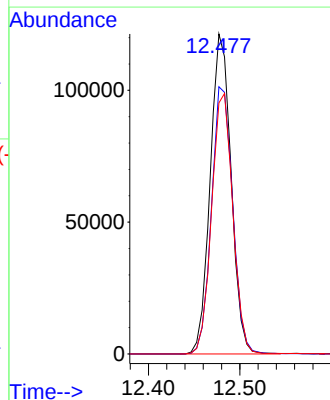
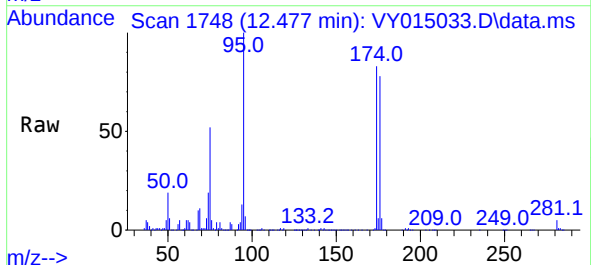
Instrument :
MSVOA_Y
ClientSampleId :
WC-18

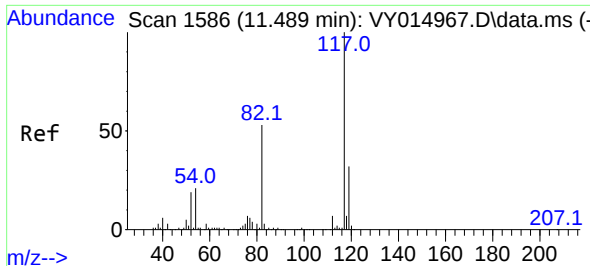
Tgt Ion: 98 Resp: 484318
Ion Ratio Lower Upper
98 100
100 65.6 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 54.671 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015033.D
Acq: 10 Aug 2023 17:26

Tgt Ion: 95 Resp: 192480
Ion Ratio Lower Upper
95 100
174 84.8 0.0 178.2
176 82.6 0.0 173.8

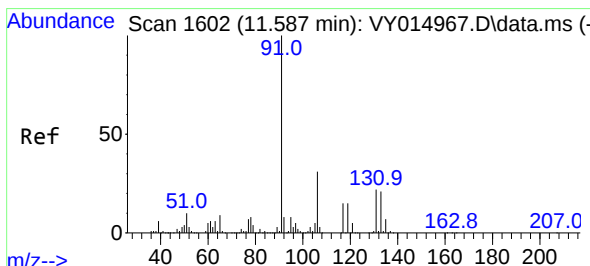
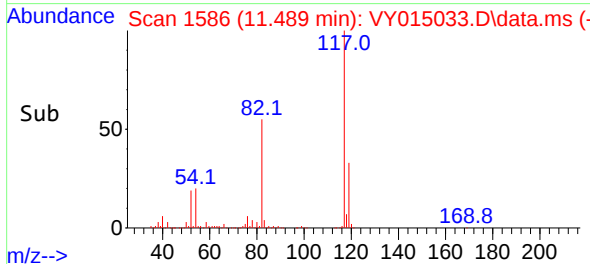
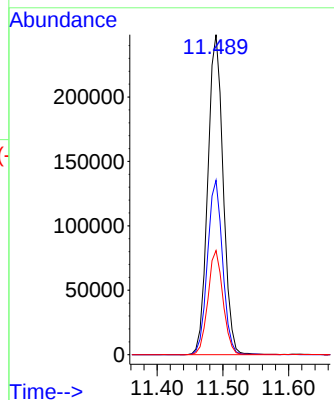
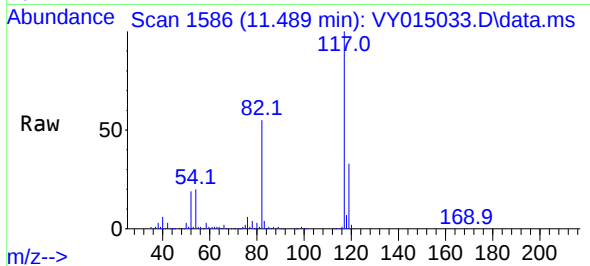




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY015033.D
Acq: 10 Aug 2023 17:26

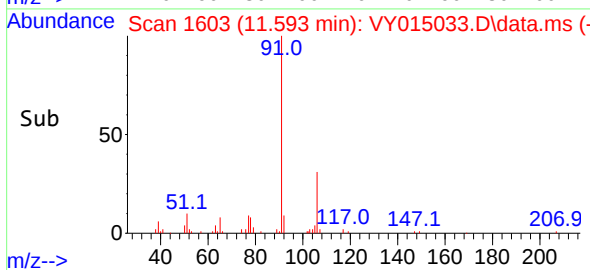
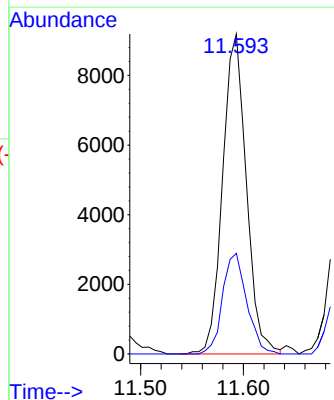
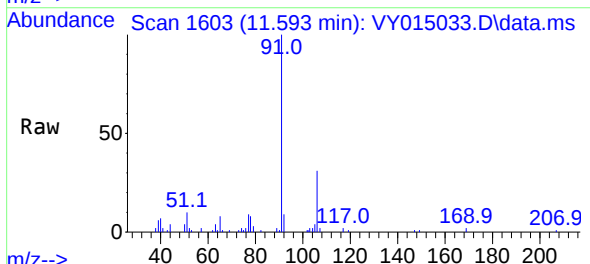
Instrument :
MSVOA_Y
ClientSampleId :
WC-18

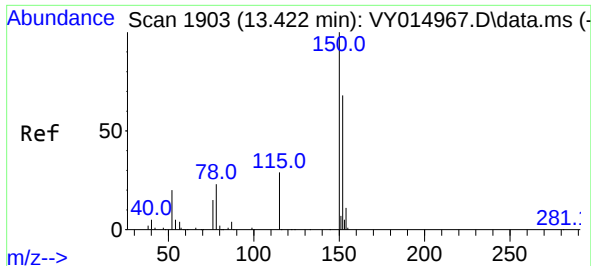
Tgt Ion:	117	Resp:	403344
Ion	Ratio	Lower	Upper
117	100		
82	54.5	43.4	65.0
119	32.6	26.3	39.5



#67
Ethyl Benzene
Concen: 1.096 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY015033.D
Acq: 10 Aug 2023 17:26

Tgt Ion:	91	Resp:	14722
Ion	Ratio	Lower	Upper
91	100		
106	31.4	24.6	36.8



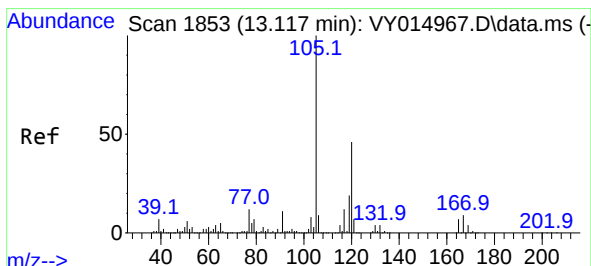
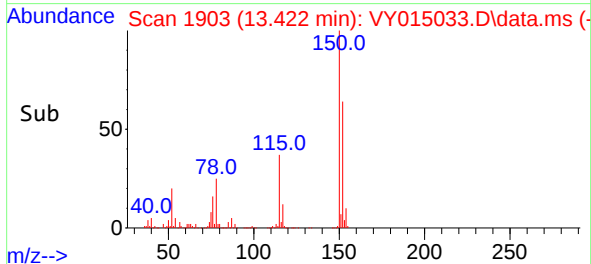
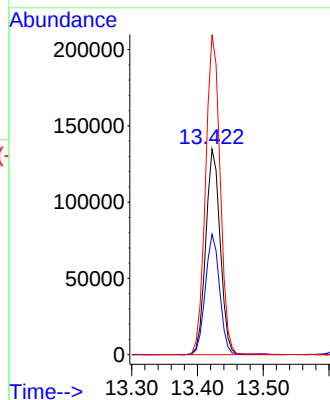
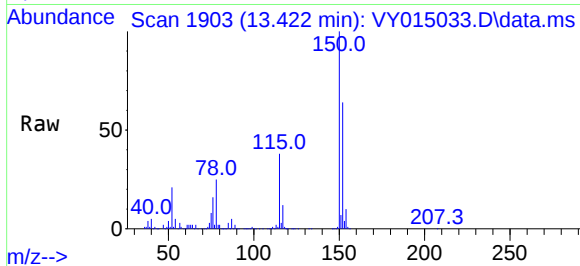


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY015033.D
 Acq: 10 Aug 2023 17:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-18

Tgt Ion:152 Resp: 205549

Ion	Ratio	Lower	Upper
152	100		
115	58.0	28.8	86.5
150	157.4	0.0	348.8



#84
 1,2,4-Trimethylbenzene
 Concen: 1.296 ug/l
 RT: 13.117 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VY015033.D
 Acq: 10 Aug 2023 17:26

Tgt Ion:105 Resp: 14789

Ion	Ratio	Lower	Upper
105	100		
120	49.0	22.2	66.6

