

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081023\
 Data File : VY015038.D
 Acq On : 10 Aug 2023 19:23
 Operator : SY/MD
 Sample : 03955-04
 Misc : 3.84g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-23

Quant Time: Aug 11 01:58:09 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)

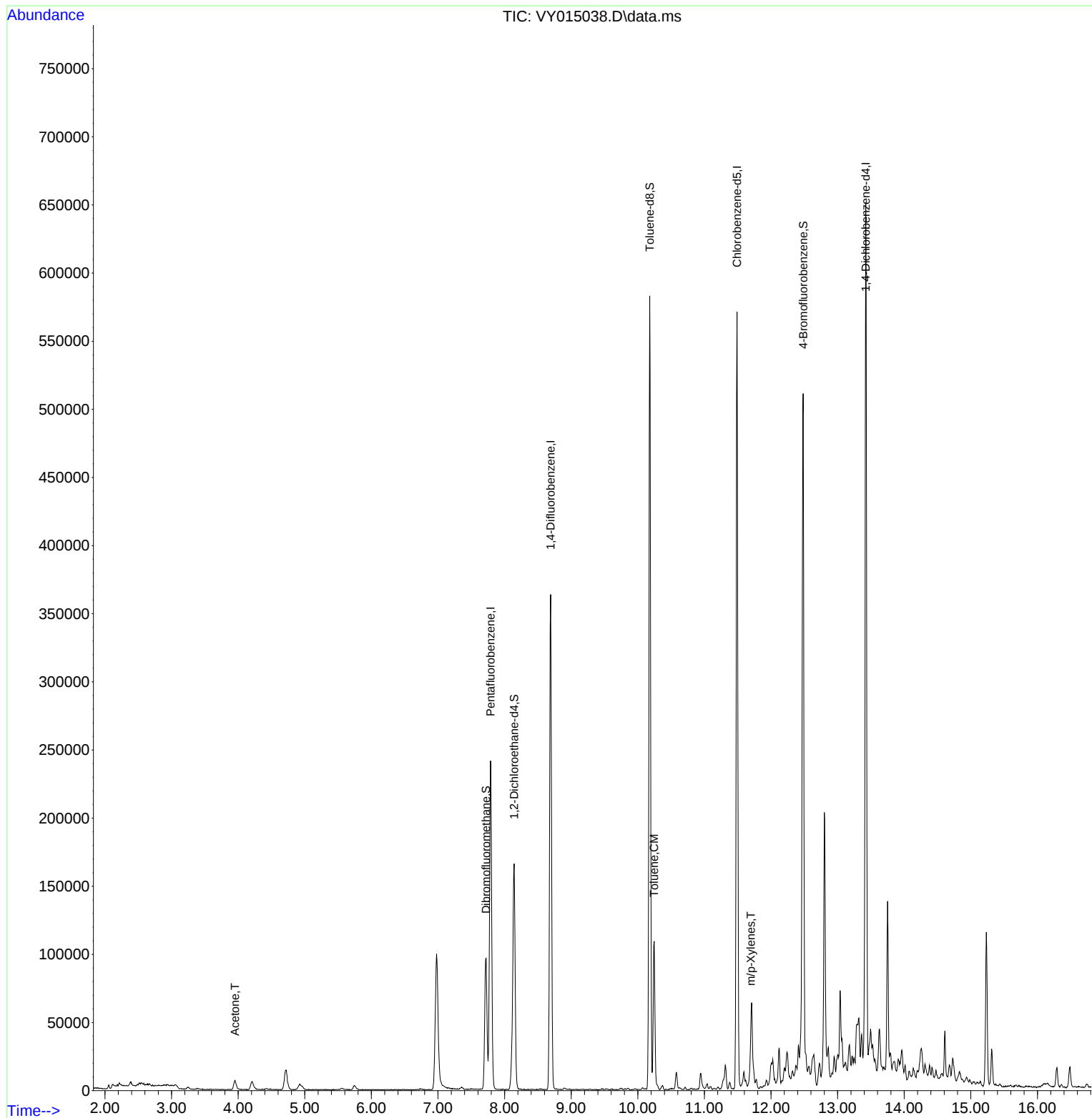
Internal Standards						
1) Pentafluorobenzene	7.789	168	188979	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	319263	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	310848	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	160129	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	121325	52.969	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.940%	
35) Dibromofluoromethane	7.722	113	70025	34.299	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 68.600%	
50) Toluene-d8	10.179	98	375945	48.379	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.760%	
62) 4-Bromofluorobenzene	12.483	95	147056	53.394	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.780%	
Target Compounds						
						Qvalue
16) Acetone	3.954	43	11752	16.454	ug/l	97
52) Toluene	10.246	92	45575	9.489	ug/l	96
68) m/p-Xylenes	11.697	106	8447	2.133	ug/l	97

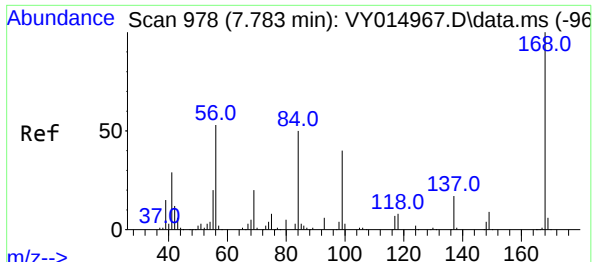
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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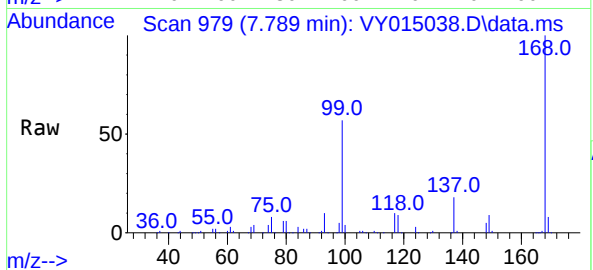
Quant Time: Aug 11 01:58:09 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
Quant Title : SW846 8260
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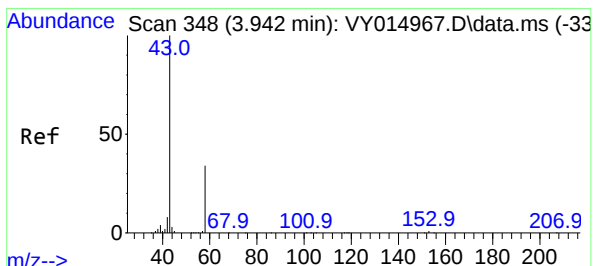
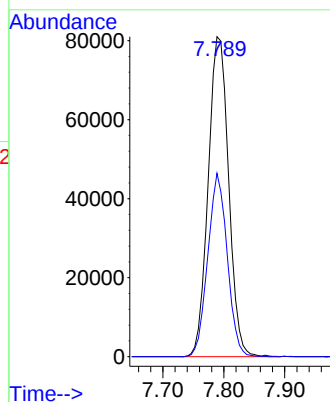
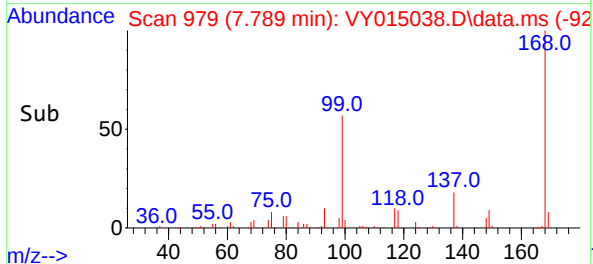


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015038.D
Acq: 10 Aug 2023 19:23

Instrument :
MSVOA_Y
ClientSampleId :
WC-23

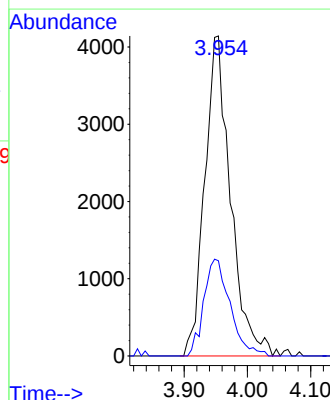
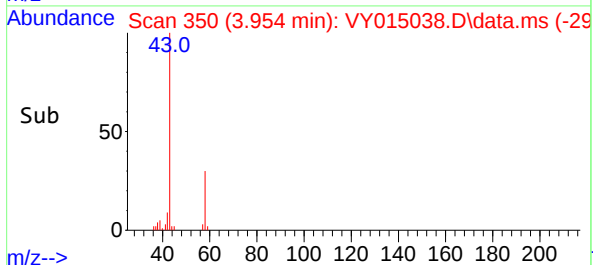
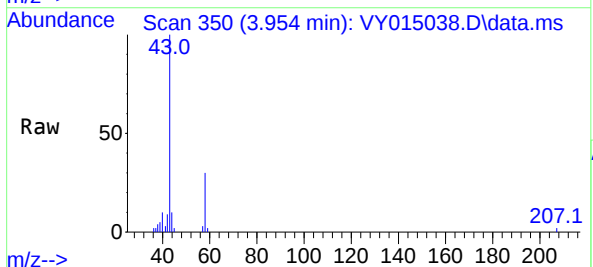


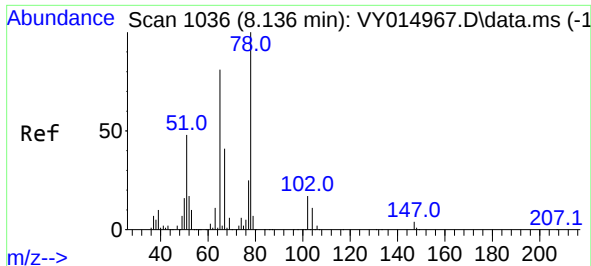
Tgt Ion:168 Resp: 188979
Ion Ratio Lower Upper
168 100
99 57.3 43.4 65.0



#16
Acetone
Concen: 16.454 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY015038.D
Acq: 10 Aug 2023 19:23

Tgt Ion: 43 Resp: 11752
Ion Ratio Lower Upper
43 100
58 29.8 22.7 34.1





#33

1,2-Dichloroethane-d4

Concen: 52.969 ug/l

RT: 8.142 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY015038.D

Acq: 10 Aug 2023 19:23

Instrument :

MSVOA_Y

ClientSampleId :

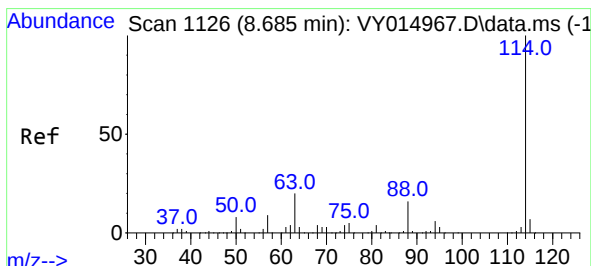
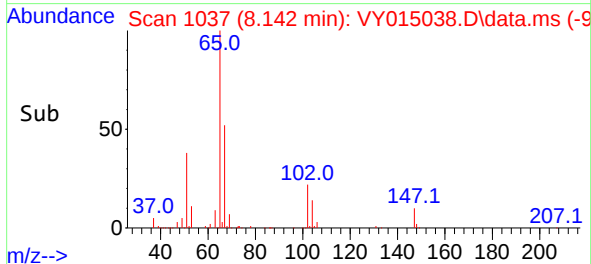
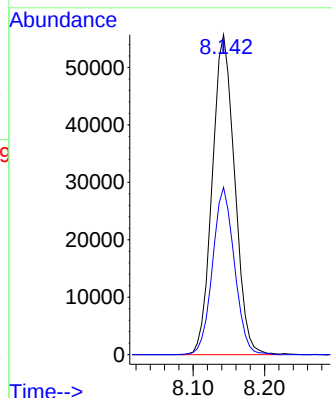
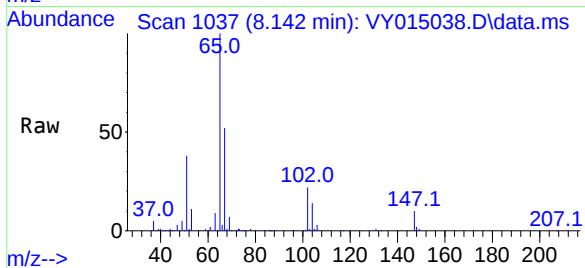
WC-23

Tgt Ion: 65 Resp: 121325

Ion Ratio Lower Upper

65 100

67 51.0 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: VY015038.D

Acq: 10 Aug 2023 19:23

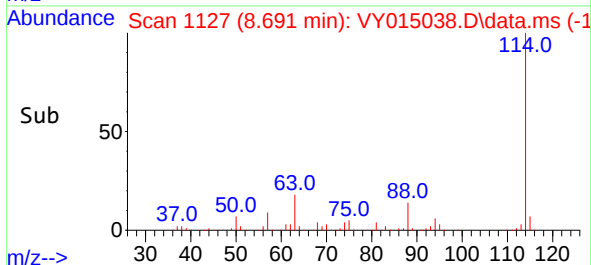
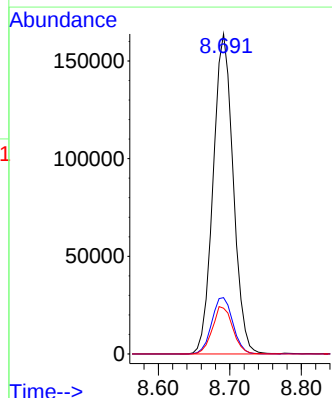
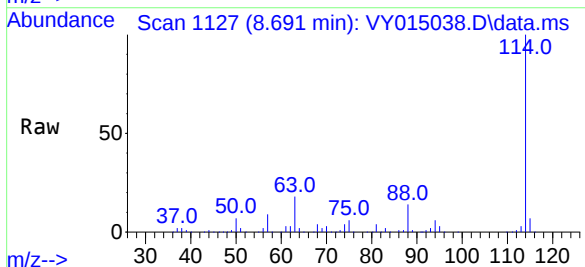
Tgt Ion: 114 Resp: 319263

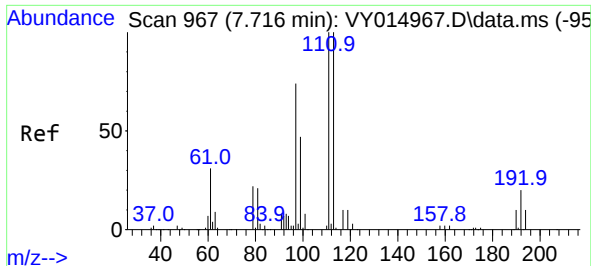
Ion Ratio Lower Upper

114 100

63 17.6 0.0 42.4

88 14.3 0.0 30.6

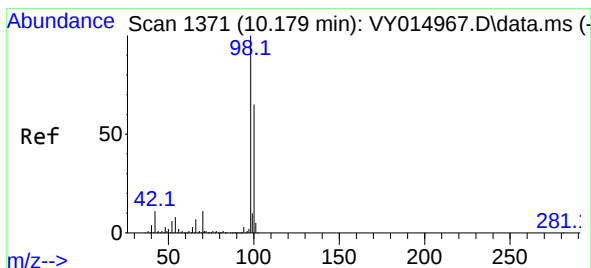
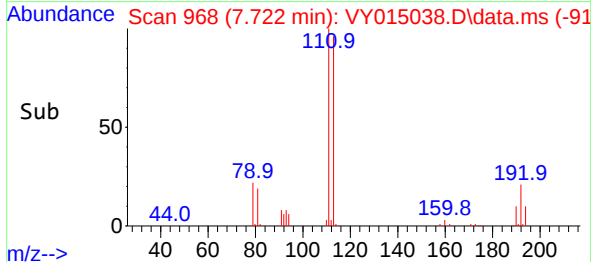
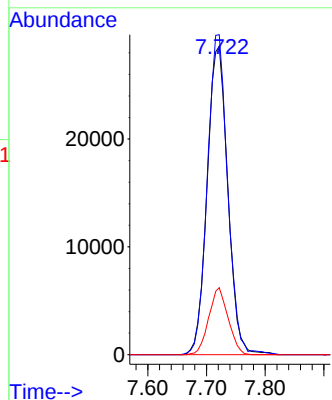
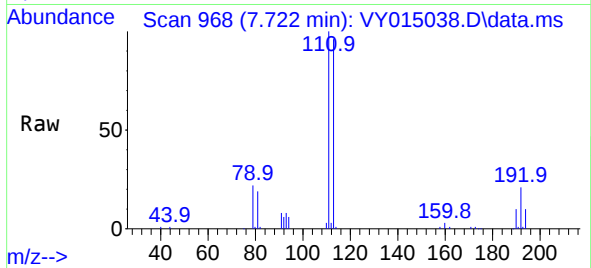




#35
Dibromofluoromethane
Concen: 34.299 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015038.D
Acq: 10 Aug 2023 19:23

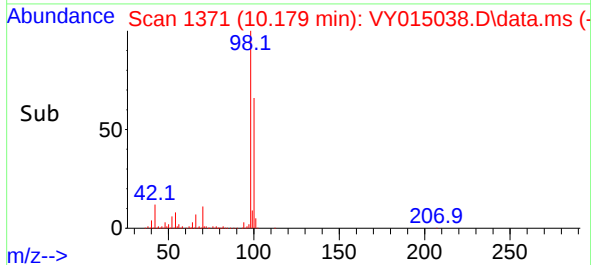
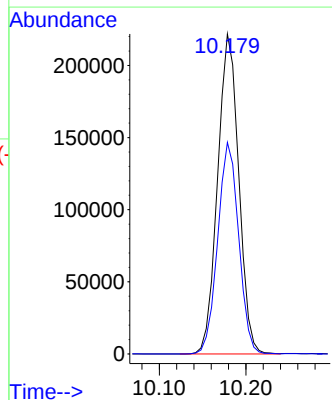
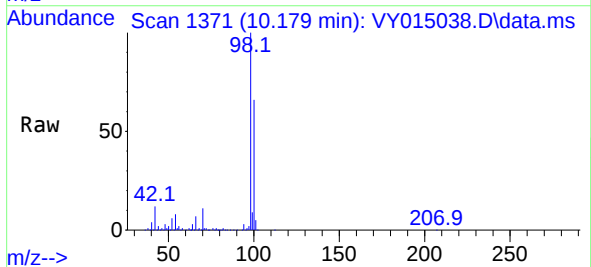
Instrument :
MSVOA_Y
ClientSampleId :
WC-23

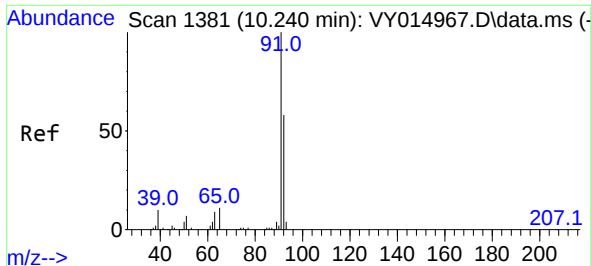
Tgt Ion:113 Resp: 70025
Ion Ratio Lower Upper
113 100
111 101.9 81.3 121.9
192 20.3 16.9 25.3



#50
Toluene-d8
Concen: 48.379 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015038.D
Acq: 10 Aug 2023 19:23

Tgt Ion: 98 Resp: 375945
Ion Ratio Lower Upper
98 100
100 65.5 50.1 75.1

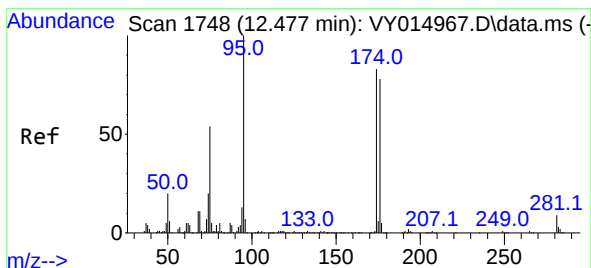
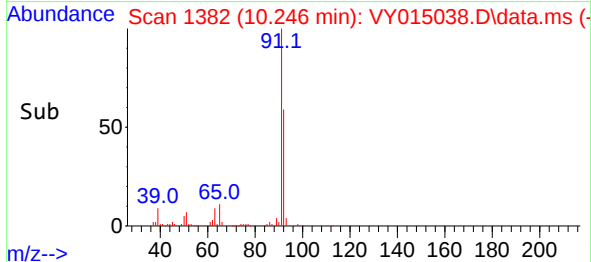
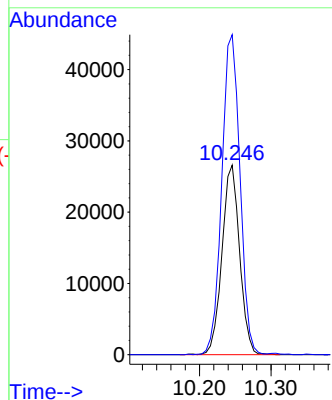
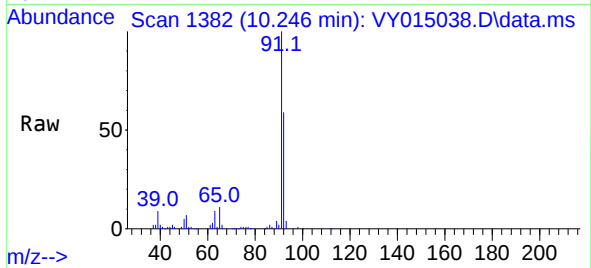




#52
Toluene
Concen: 9.489 ug/l
RT: 10.246 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015038.D
Acq: 10 Aug 2023 19:23

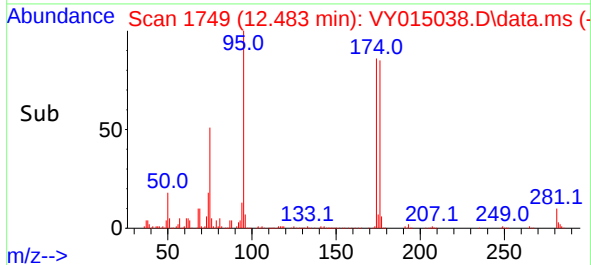
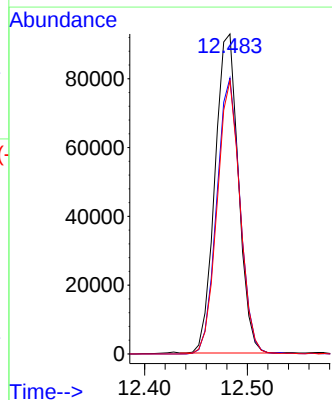
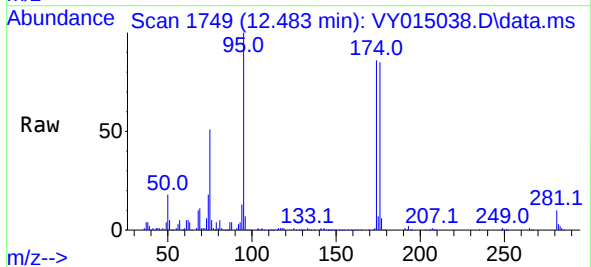
Instrument :
MSVOA_Y
ClientSampleId :
WC-23

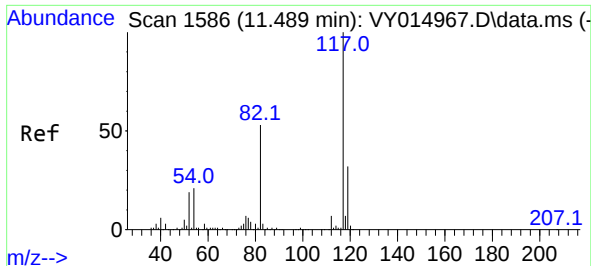
Tgt Ion: 92 Resp: 45575
Ion Ratio Lower Upper
92 100
91 173.8 143.8 215.6



#62
4-Bromofluorobenzene
Concen: 53.394 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015038.D
Acq: 10 Aug 2023 19:23

Tgt Ion: 95 Resp: 147056
Ion Ratio Lower Upper
95 100
174 85.8 0.0 178.2
176 83.7 0.0 173.8

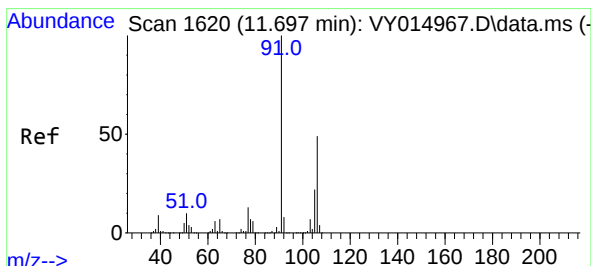
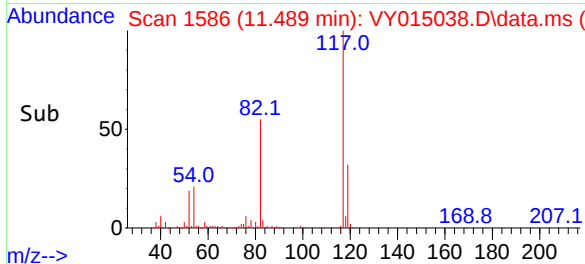
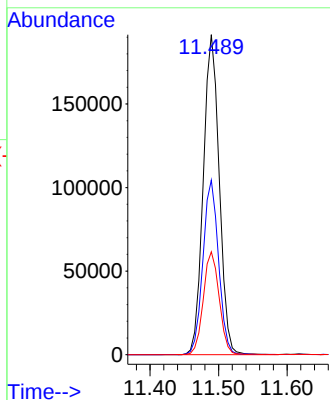
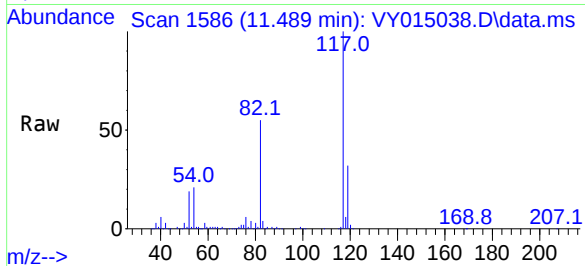




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VY015038.D
Acq: 10 Aug 2023 19:23

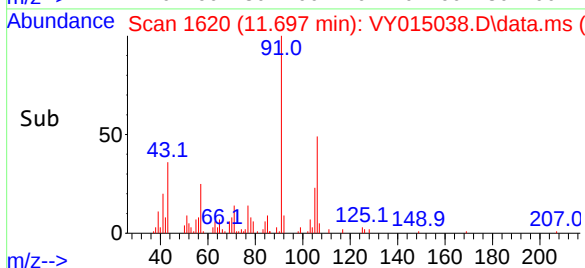
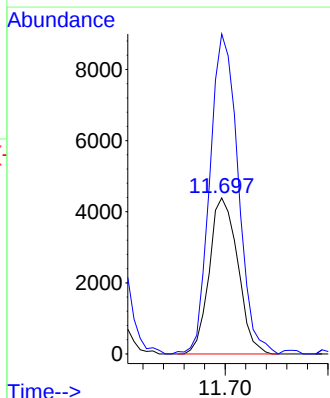
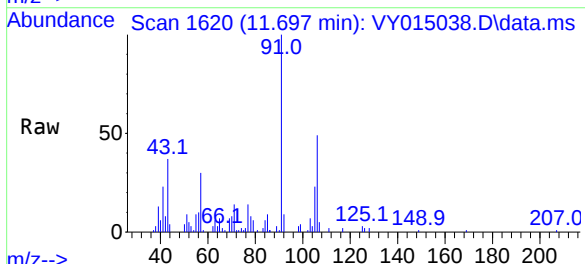
Instrument :
MSVOA_Y
ClientSampleId :
WC-23

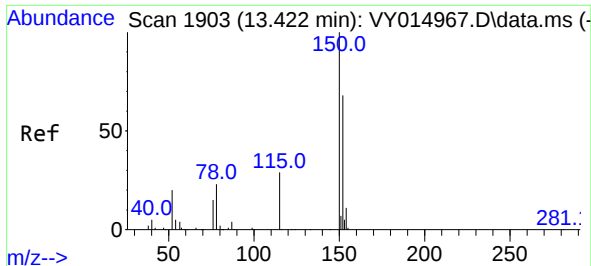
Tgt Ion:117 Resp: 310848
Ion Ratio Lower Upper
117 100
82 54.5 43.4 65.0
119 32.1 26.3 39.5



#68
m/p-Xylenes
Concen: 2.133 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VY015038.D
Acq: 10 Aug 2023 19:23

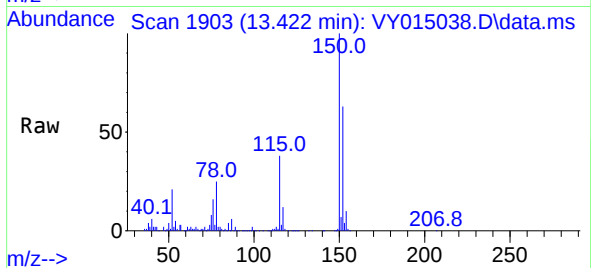
Tgt Ion:106 Resp: 8447
Ion Ratio Lower Upper
106 100
91 203.5 166.1 249.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY015038.D
 Acq: 10 Aug 2023 19:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-23



Tgt Ion:152 Resp: 160129

Ion	Ratio	Lower	Upper
152	100		
115	57.7	28.8	86.5
150	157.3	0.0	348.8

