

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070323\
 Data File : VY014535.D
 Acq On : 03 Jul 2023 15:09
 Operator : KP/MD
 Sample : 03510-04
 Misc : 4.59g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-WWS-06-G

Quant Time: Jul 04 03:01:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 2023
 Response via : Initial Calibration

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

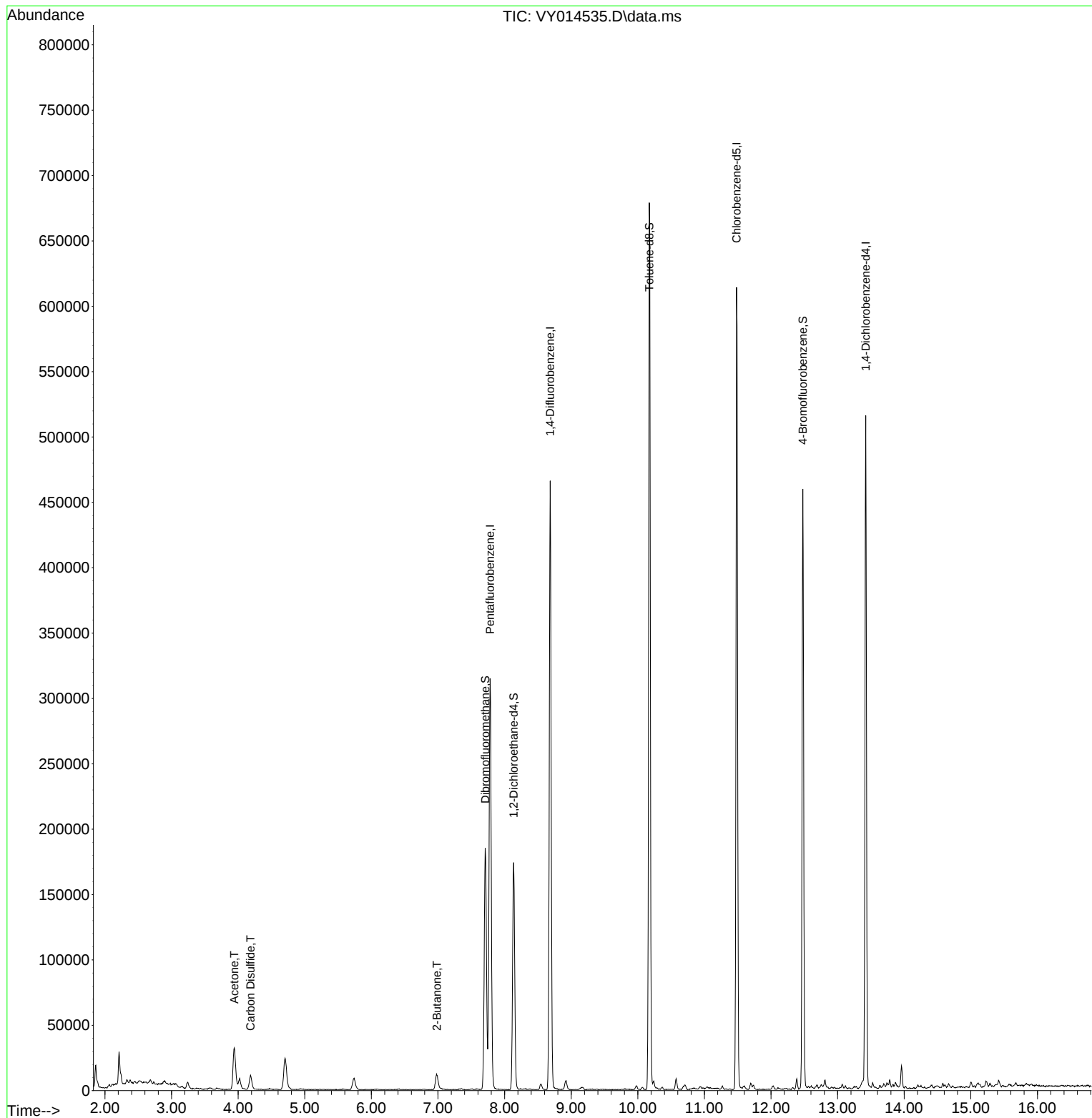
Internal Standards						
1) Pentafluorobenzene	7.783	168	274383	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	420588	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	372003	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	148803	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	136914	50.160	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.320%	
35) Dibromofluoromethane	7.710	113	132694	51.233	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.460%	
50) Toluene-d8	10.173	98	482025	47.079	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 94.160%	
62) 4-Bromofluorobenzene	12.477	95	138767	39.031	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 78.060%	
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	56863	66.709	ug/l #	85
17) Carbon Disulfide	4.186	76	20634	2.631	ug/l	98
25) 2-Butanone	6.984	43	16931	13.414	ug/l	97

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

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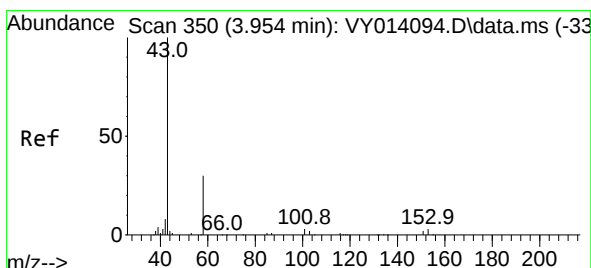
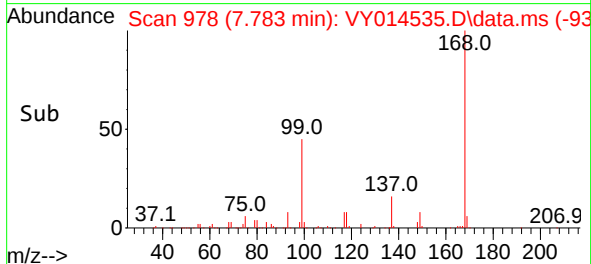
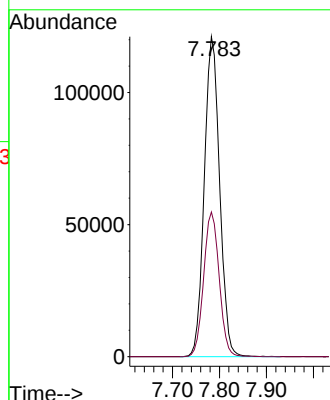
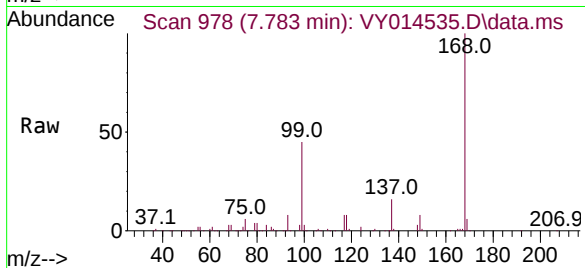




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014535.D
Acq: 03 Jul 2023 15:09

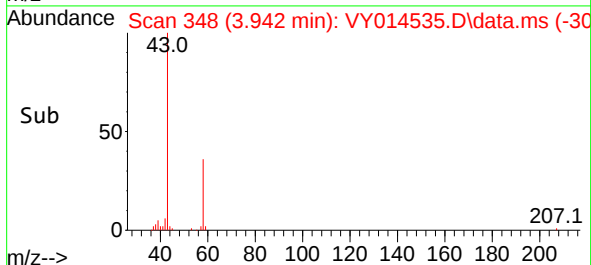
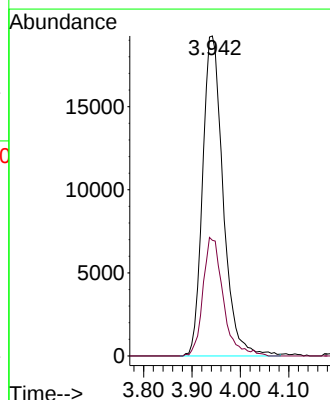
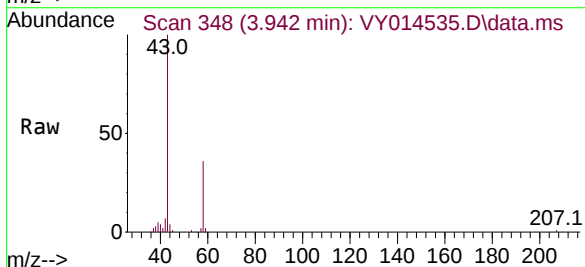
Instrument :
MSVOA_Y
ClientSampleId :
WC-WWS-06-G

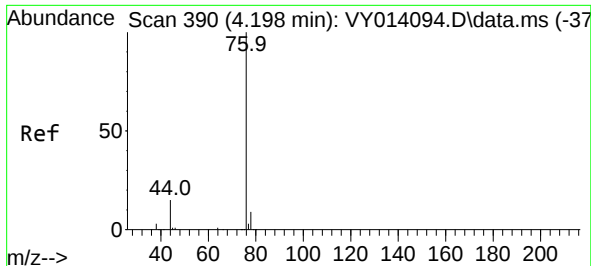
Tgt Ion:168 Resp: 274383
Ion Ratio Lower Upper
168 100
99 45.2 43.4 65.0



#16
Acetone
Concen: 66.709 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.012 min
Lab File: VY014535.D
Acq: 03 Jul 2023 15:09

Tgt Ion: 43 Resp: 56863
Ion Ratio Lower Upper
43 100
58 36.1 22.7 34.1#

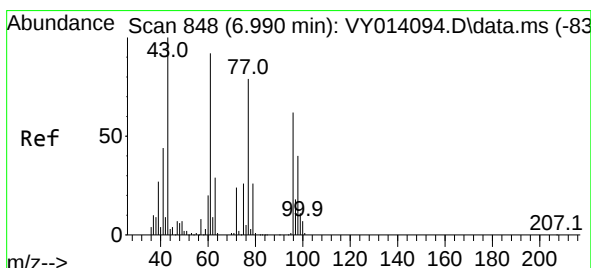
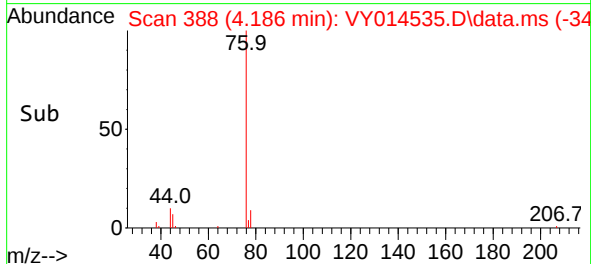
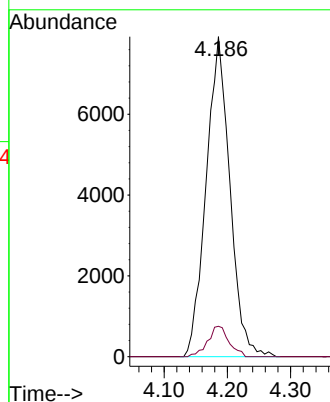
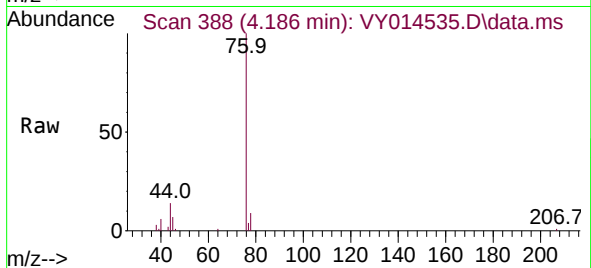




#17
Carbon Disulfide
Concen: 2.631 ug/l
RT: 4.186 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY014535.D
Acq: 03 Jul 2023 15:09

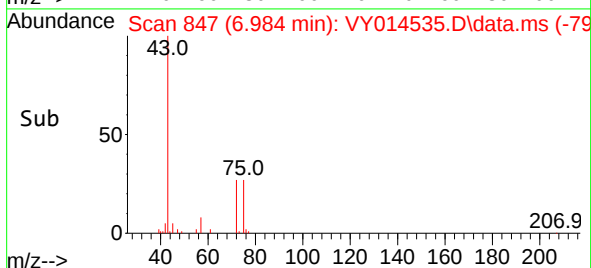
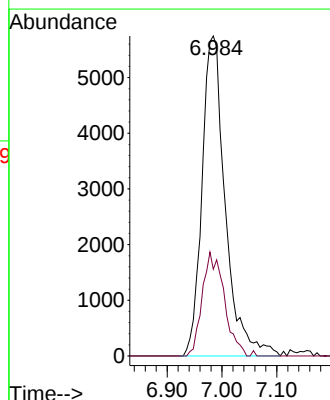
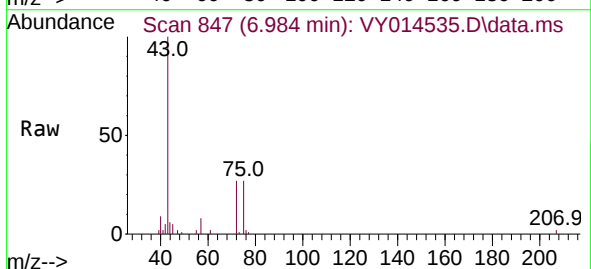
Instrument :
MSVOA_Y
ClientSampleId :
WC-WWS-06-G

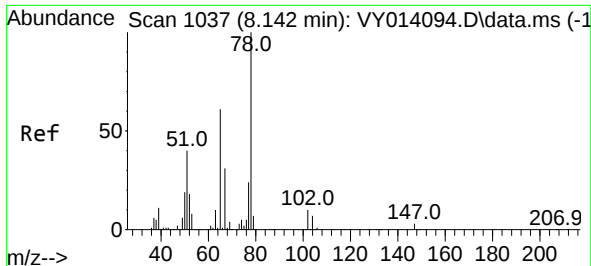
Tgt Ion: 76 Resp: 20634
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.4



#25
2-Butanone
Concen: 13.414 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY014535.D
Acq: 03 Jul 2023 15:09

Tgt Ion: 43 Resp: 16931
Ion Ratio Lower Upper
43 100
72 27.1 20.5 30.7





#33

1,2-Dichloroethane-d4

Concen: 50.160 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014535.D

Acq: 03 Jul 2023 15:09

Instrument :

MSVOA_Y

ClientSampleId :

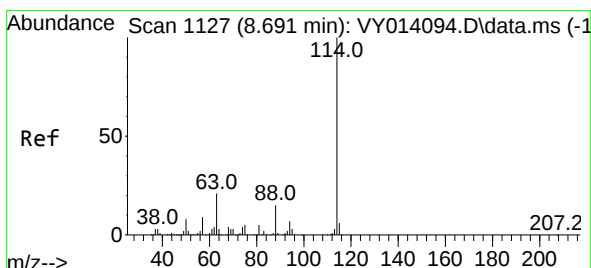
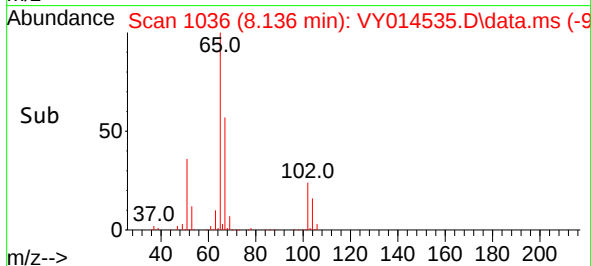
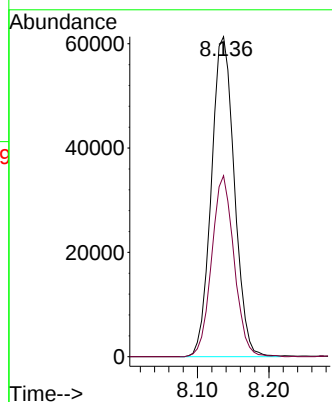
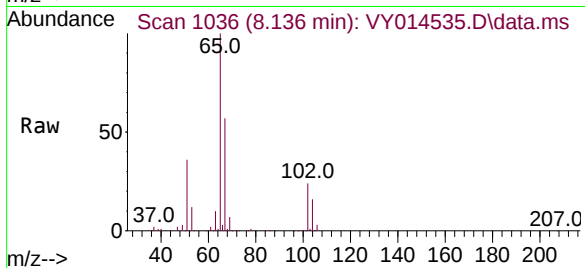
WC-WWS-06-G

Tgt Ion: 65 Resp: 136914

Ion Ratio Lower Upper

65 100

67 55.1 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY014535.D

Acq: 03 Jul 2023 15:09

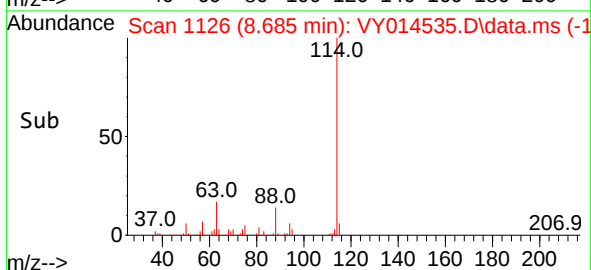
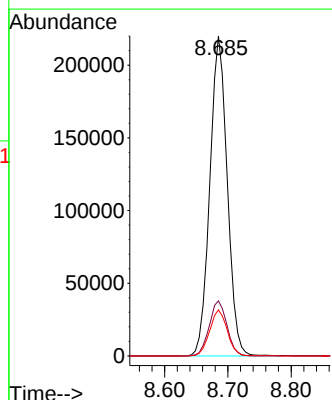
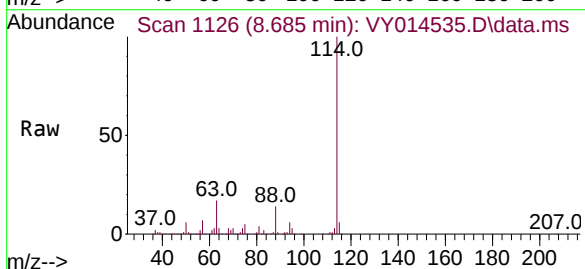
Tgt Ion: 114 Resp: 420588

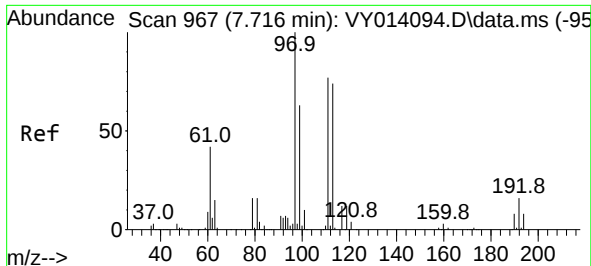
Ion Ratio Lower Upper

114 100

63 17.2 0.0 42.4

88 14.4 0.0 30.6

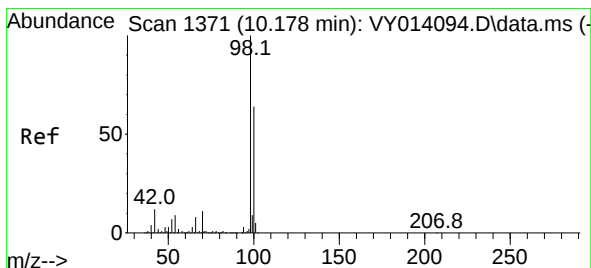
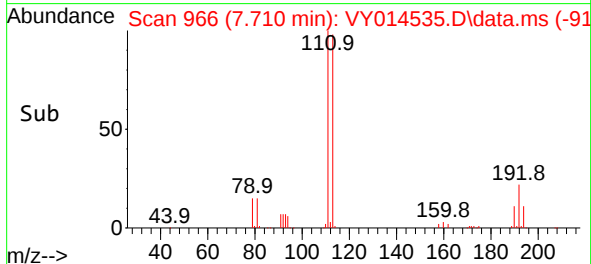
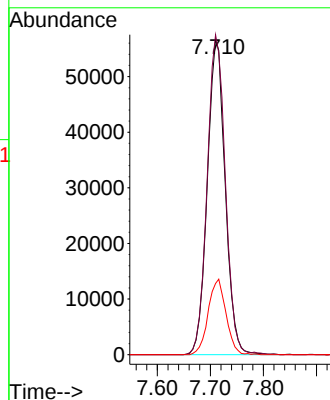
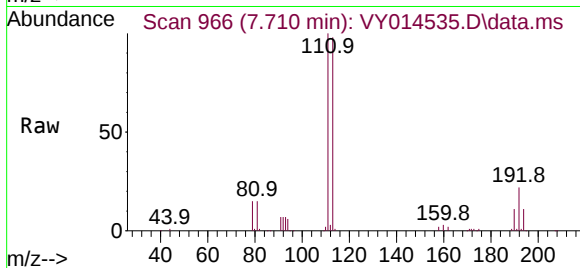




#35
Dibromofluoromethane
Concen: 51.233 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014535.D
Acq: 03 Jul 2023 15:09

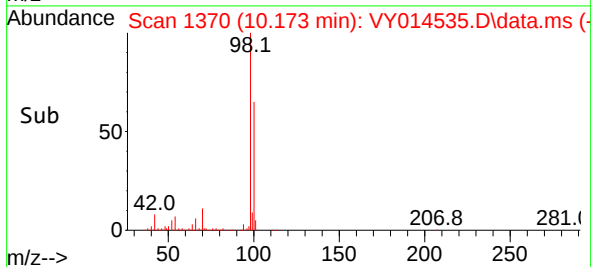
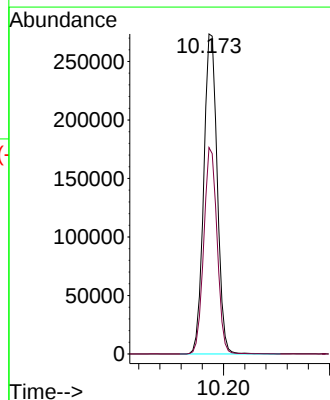
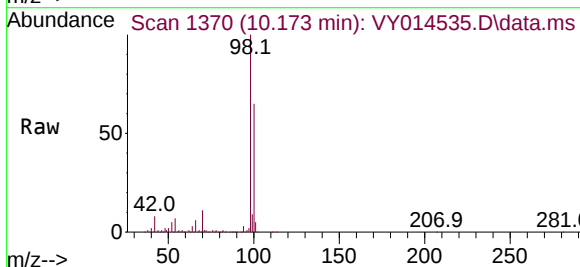
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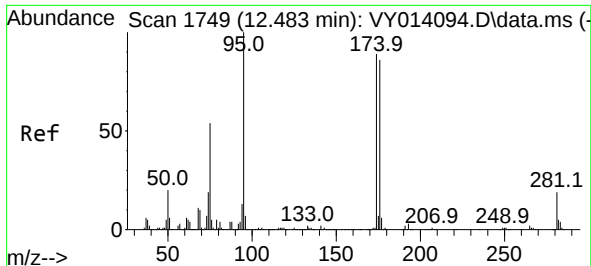
Tgt Ion:113 Resp: 132694
Ion Ratio Lower Upper
113 100
111 103.4 81.3 121.9
192 23.9 16.9 25.3



#50
Toluene-d8
Concen: 47.079 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.005 min
Lab File: VY014535.D
Acq: 03 Jul 2023 15:09

Tgt Ion: 98 Resp: 482025
Ion Ratio Lower Upper
98 100
100 63.7 50.1 75.1

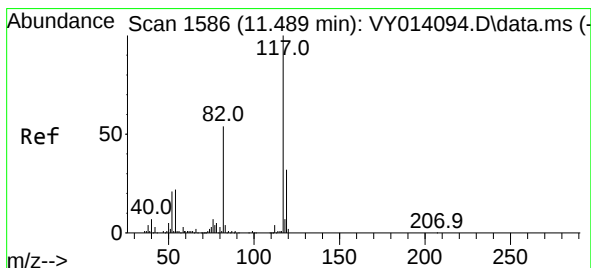
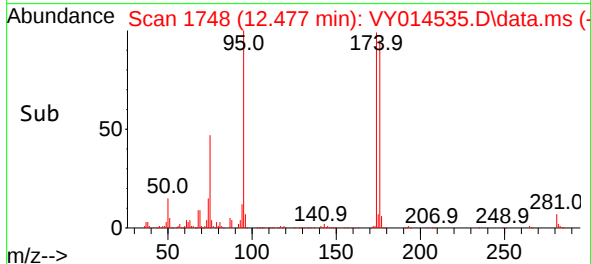
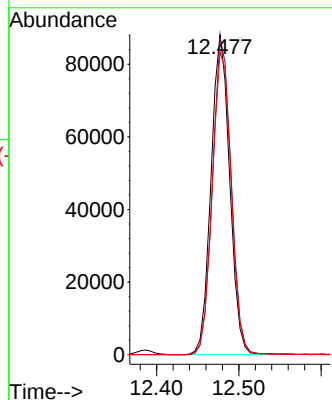
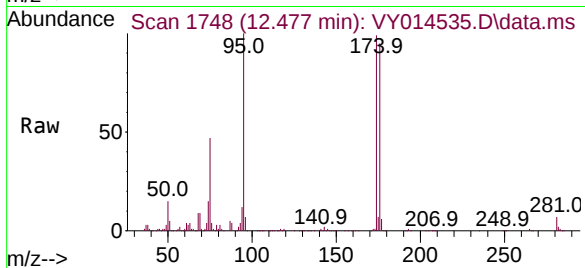




#62
4-Bromofluorobenzene
Concen: 39.031 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014535.D
Acq: 03 Jul 2023 15:09

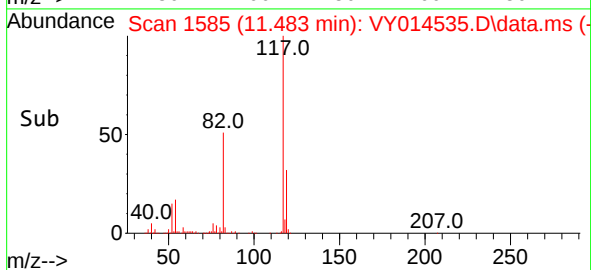
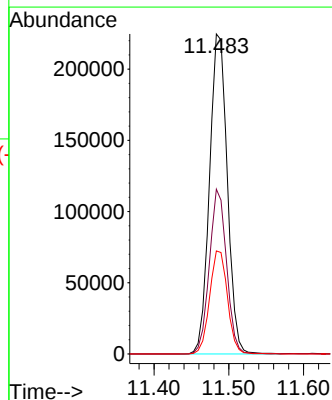
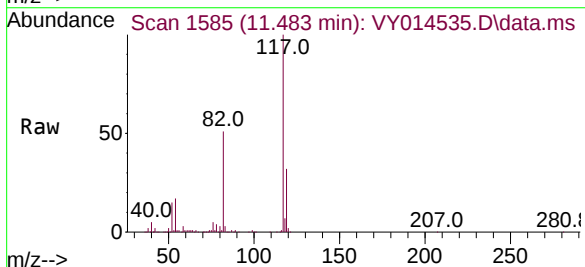
Instrument :
MSVOA_Y
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WC-WWS-06-G

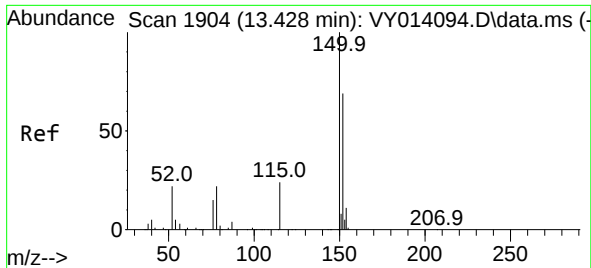
Tgt Ion: 95 Resp: 138767
Ion Ratio Lower Upper
95 100
174 99.5 0.0 178.2
176 96.0 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY014535.D
Acq: 03 Jul 2023 15:09

Tgt Ion: 117 Resp: 372003
Ion Ratio Lower Upper
117 100
82 51.5 43.4 65.0
119 32.2 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY014535.D
 Acq: 03 Jul 2023 15:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-WWS-06-G

Tgt Ion:152 Resp: 148803

Ion	Ratio	Lower	Upper
152	100		
115	53.1	28.8	86.5
150	155.1	0.0	348.8

