

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062023\
 Data File : VY014298.D
 Acq On : 20 Jun 2023 21:01
 Operator : KP/MD
 Sample : 03321-04
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-24

Quant Time: Jun 21 02:10:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

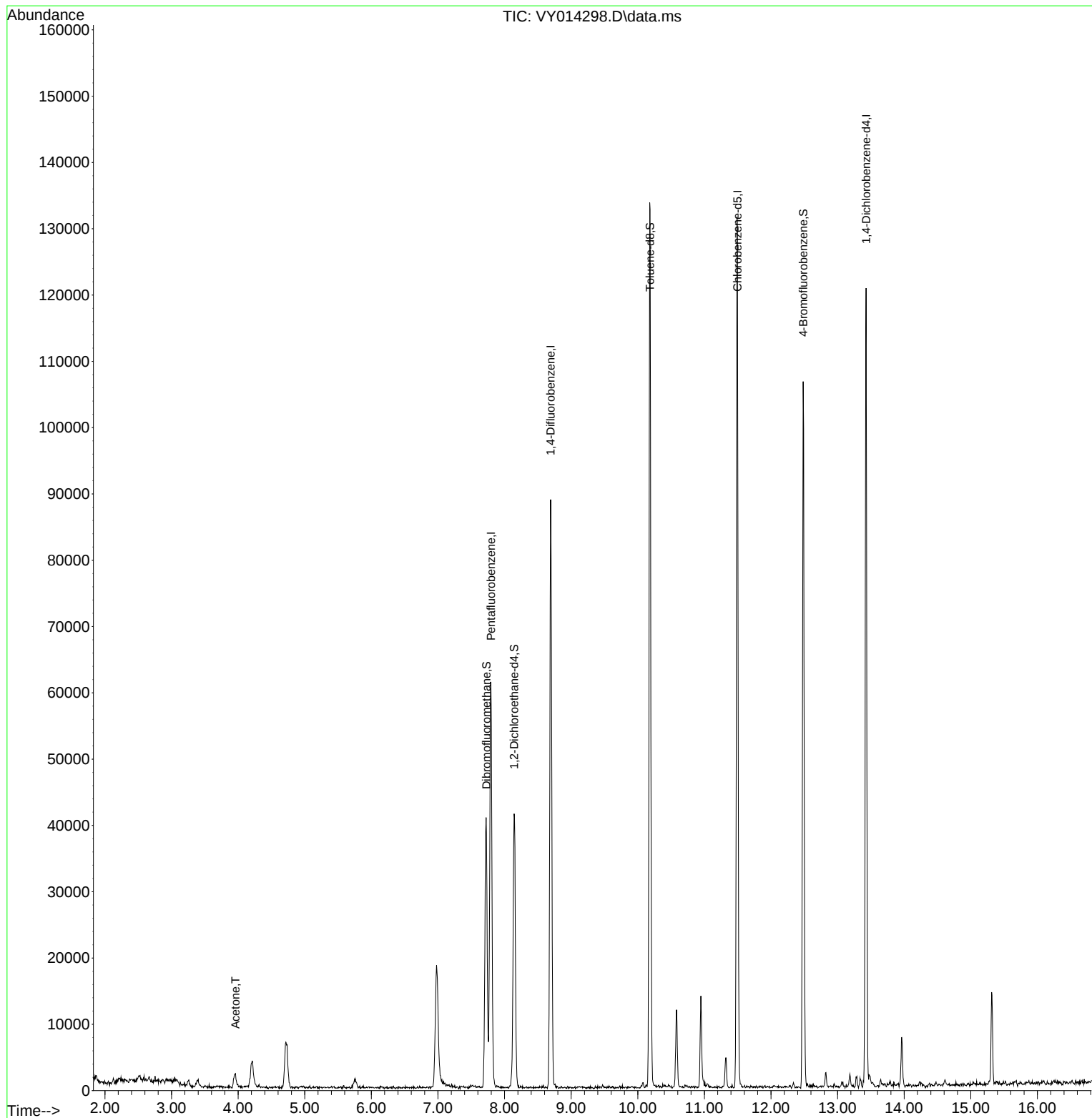
Internal Standards						
1) Pentafluorobenzene	7.795	168	48671	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	74194	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	71336	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	32188	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	35633	52.575	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.160%	
35) Dibromofluoromethane	7.728	113	28288	53.762	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.520%	
50) Toluene-d8	10.185	98	88913	45.199	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 90.400%	
62) 4-Bromofluorobenzene	12.483	95	26651	38.139	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 76.280%	
Target Compounds						
16) Acetone	3.960	43	3864	18.914	ug/l	Qvalue # 81

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

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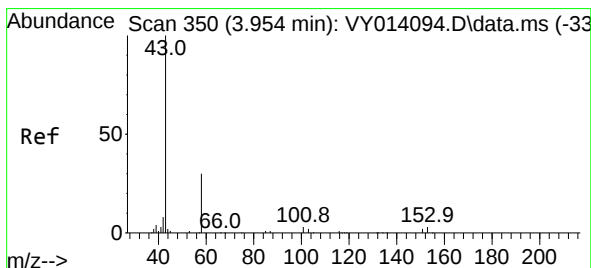
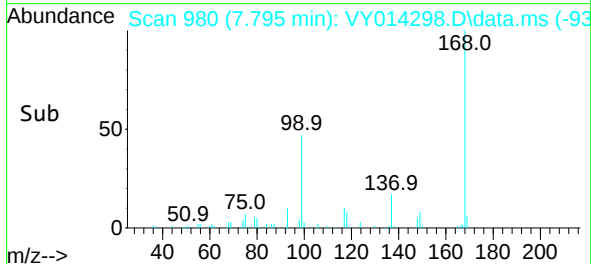
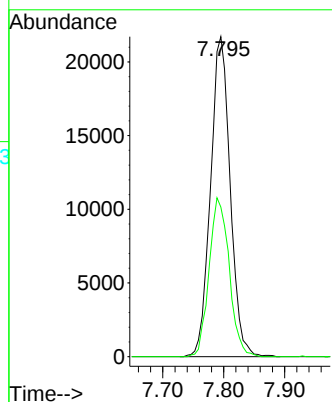
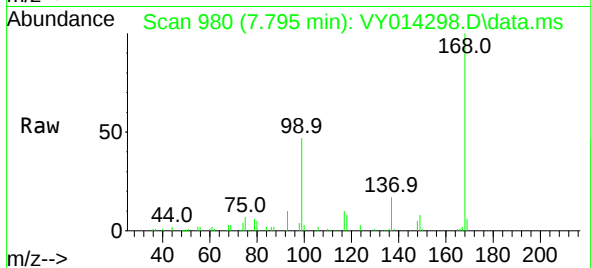




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014298.D
Acq: 20 Jun 2023 21:01

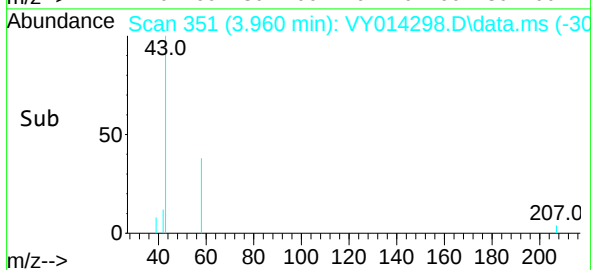
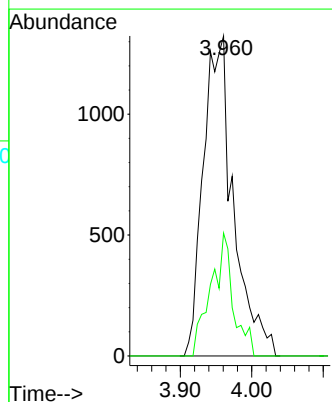
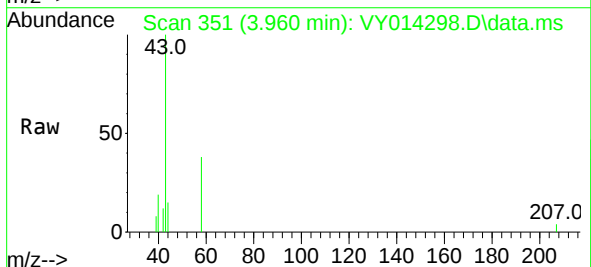
Instrument :
MSVOA_Y
ClientSampleId :
WC-24

Tgt Ion:168 Resp: 48671
Ion Ratio Lower Upper
168 100
99 46.8 43.4 65.0



#16
Acetone
Concen: 18.914 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY014298.D
Acq: 20 Jun 2023 21:01

Tgt Ion: 43 Resp: 3864
Ion Ratio Lower Upper
43 100
58 38.4 22.7 34.1#

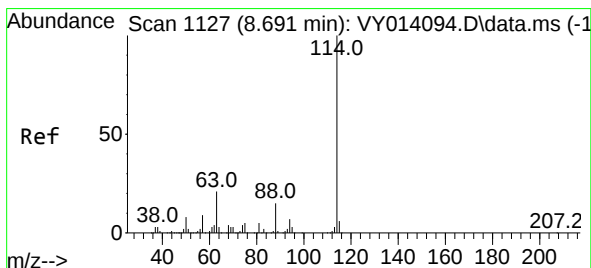
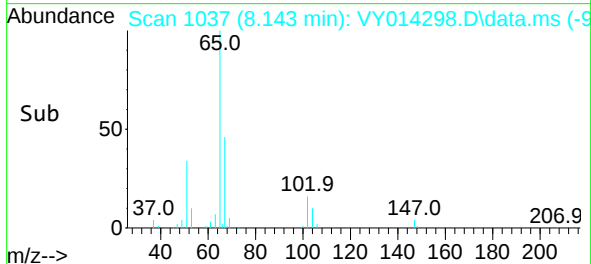
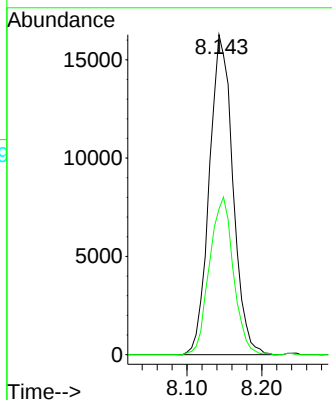
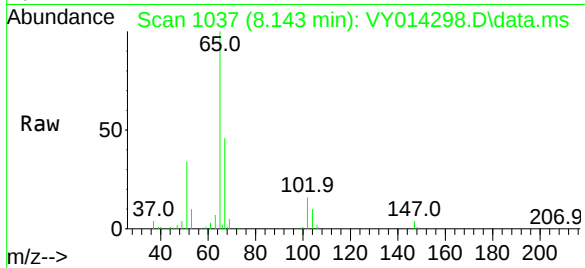




#33
 1,2-Dichloroethane-d4
 Concen: 52.575 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. 0.001 min
 Lab File: VY014298.D
 Acq: 20 Jun 2023 21:01

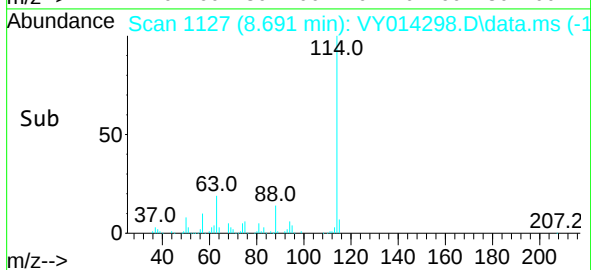
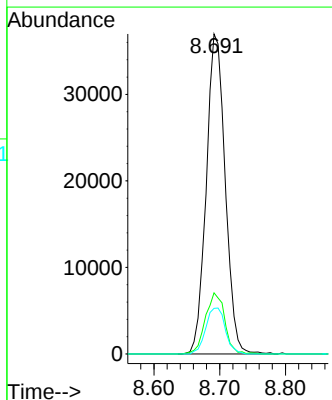
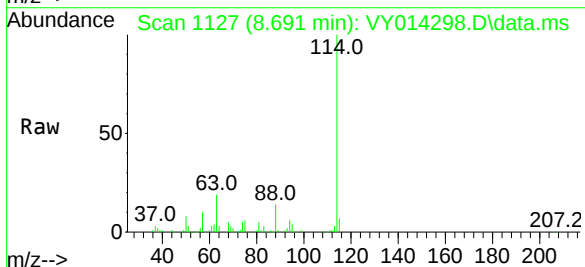
Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-24

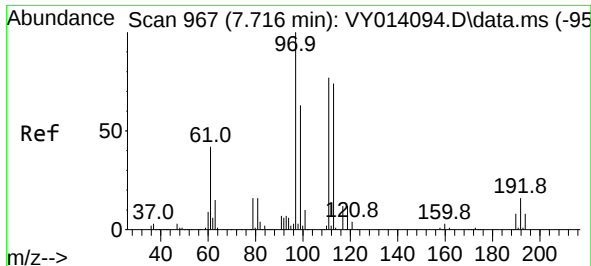
Tgt Ion: 65 Resp: 35633
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY014298.D
 Acq: 20 Jun 2023 21:01

Tgt Ion: 114 Resp: 74194
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 42.4
 88 14.3 0.0 30.6

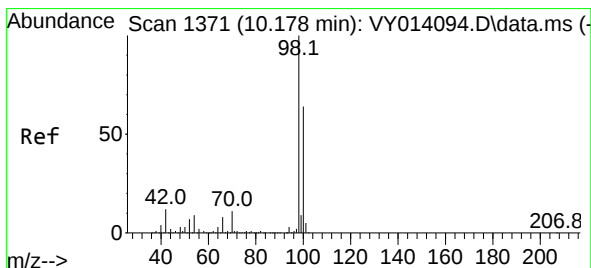
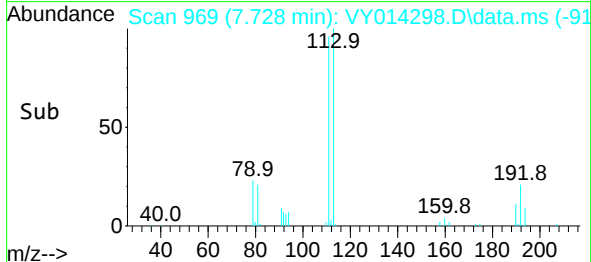
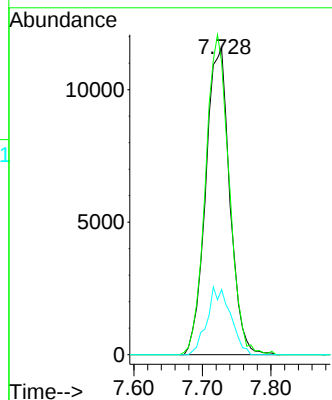
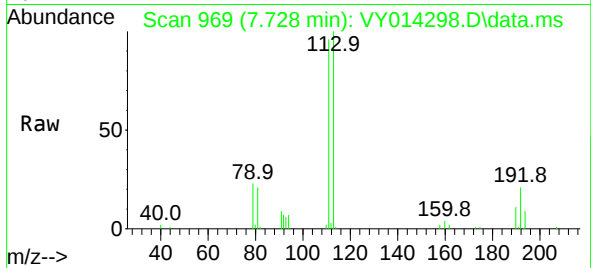




#35
 Dibromofluoromethane
 Concen: 53.762 ug/l
 RT: 7.728 min Scan# 90
 Delta R.T. 0.012 min
 Lab File: VY014298.D
 Acq: 20 Jun 2023 21:01

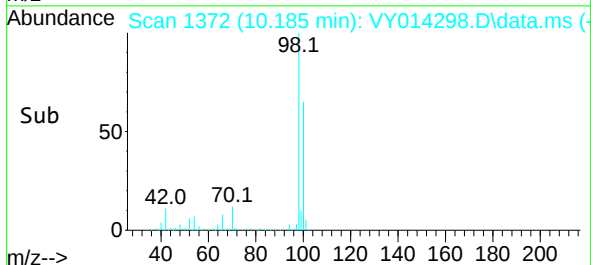
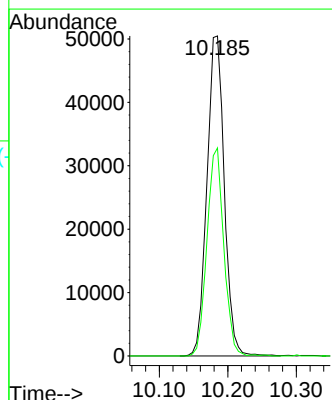
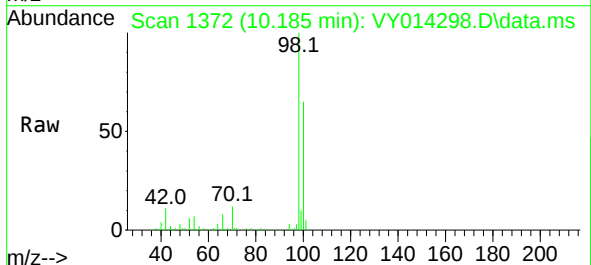
Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-24

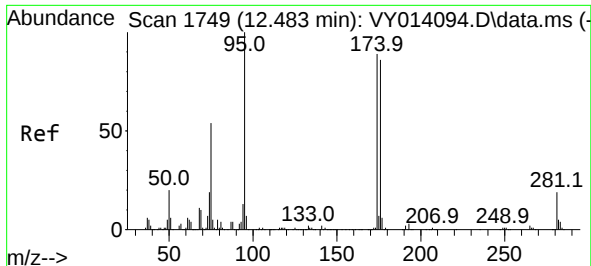
Tgt Ion:113 Resp: 28288
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.3 121.9
 192 21.4 16.9 25.3



#50
 Toluene-d8
 Concen: 45.199 ug/l
 RT: 10.185 min Scan# 1372
 Delta R.T. 0.007 min
 Lab File: VY014298.D
 Acq: 20 Jun 2023 21:01

Tgt Ion: 98 Resp: 88913
 Ion Ratio Lower Upper
 98 100
 100 63.0 50.1 75.1

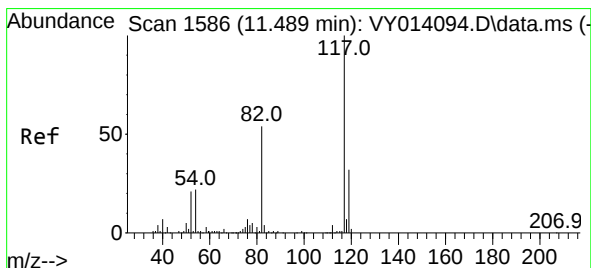
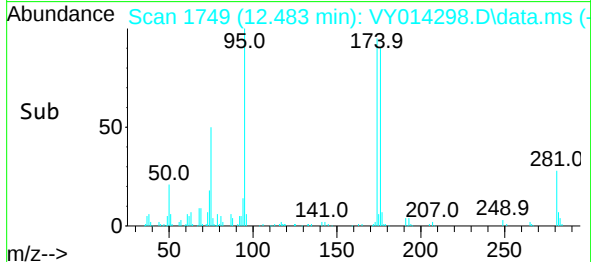
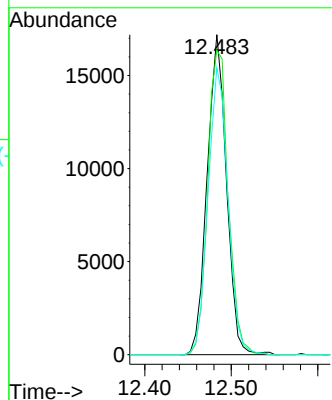
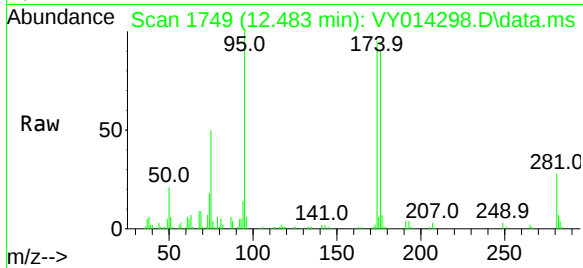




#62
4-Bromofluorobenzene
Concen: 38.139 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014298.D
Acq: 20 Jun 2023 21:01

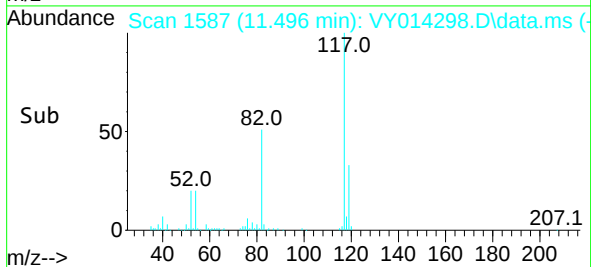
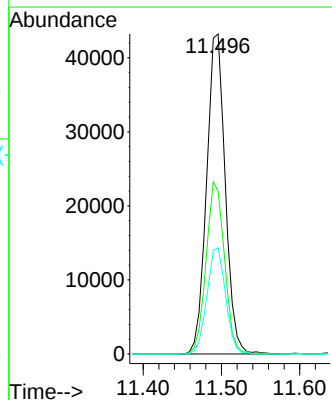
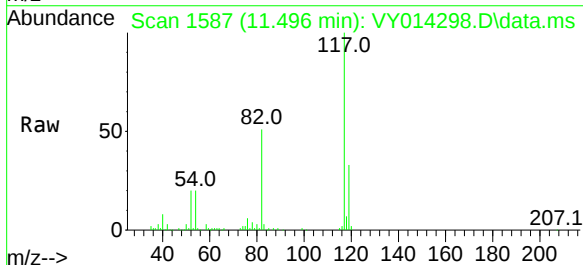
Instrument :
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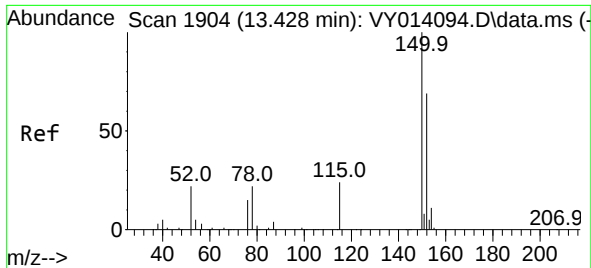
Tgt Ion:	95	Resp:	26651
Ion	Ratio	Lower	Upper
95	100		
174	100.8	0.0	178.2
176	92.9	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.007 min
Lab File: VY014298.D
Acq: 20 Jun 2023 21:01

Tgt Ion:	117	Resp:	71336
Ion	Ratio	Lower	Upper
117	100		
82	50.8	43.4	65.0
119	33.2	26.3	39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY014298.D

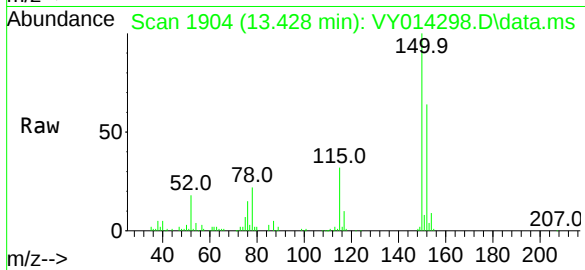
Acq: 20 Jun 2023 21:01

Instrument :

MSVOA_Y

ClientSampleId :

WC-24



Tgt Ion:152 Resp: 32188

Ion Ratio Lower Upper

152 100

115 54.0 28.8 86.5

150 154.9 0.0 348.8

