

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062123\
 Data File : VY014339.D
 Acq On : 21 Jun 2023 16:31
 Operator : KP/MD
 Sample : 03337-19
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-11

Quant Time: Jun 22 01:57:48 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)

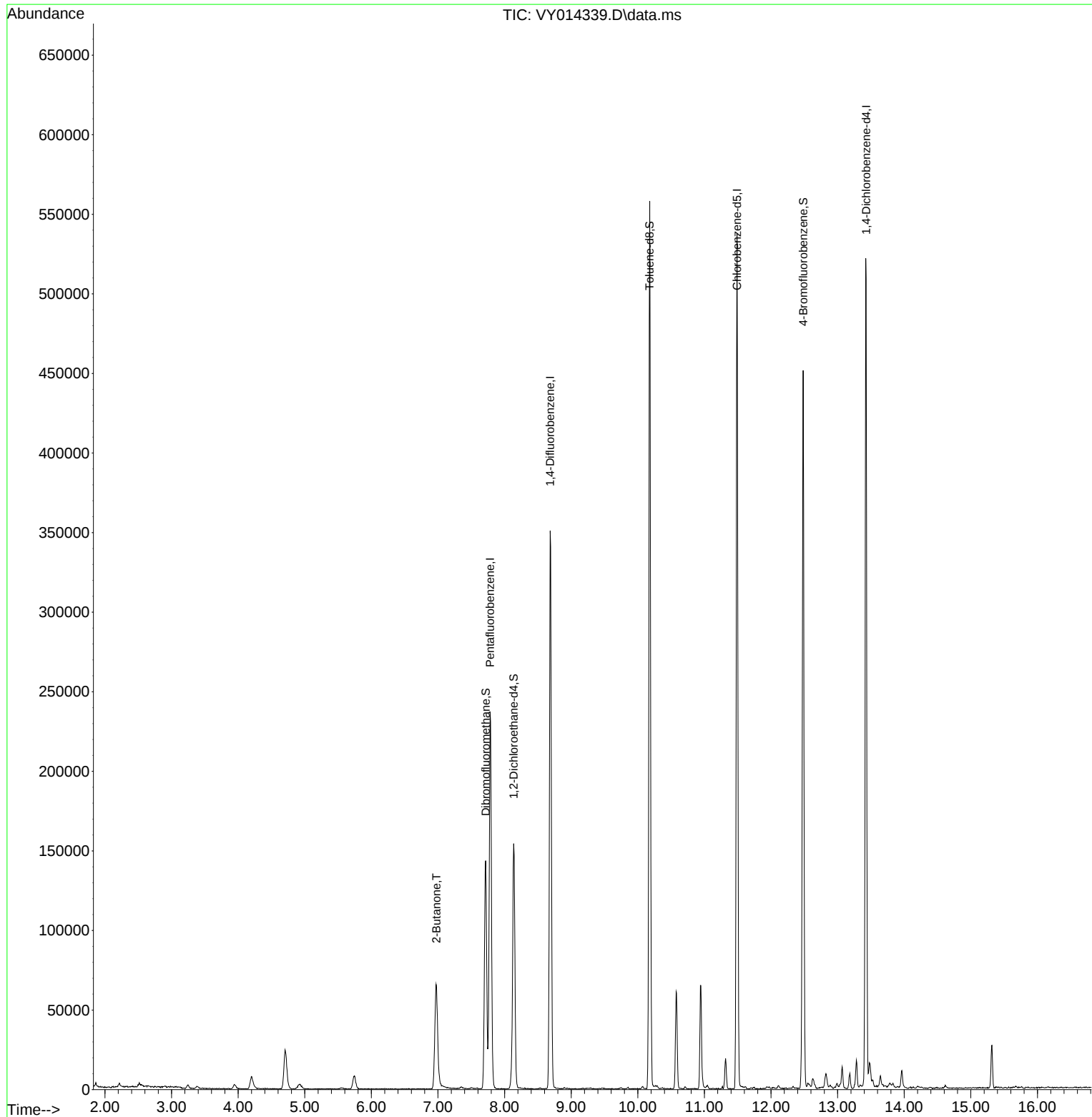
Internal Standards						
1) Pentafluorobenzene	7.783	168	182805	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	292340	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	283065	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	135042	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	129313	50.799	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.600%
35) Dibromofluoromethane	7.716	113	97924	47.233	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.460%
50) Toluene-d8	10.179	98	351925	45.404	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.800%
62) 4-Bromofluorobenzene	12.483	95	117922	42.829	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.660%
Target Compounds						
25) 2-Butanone	6.978	43	6778	7.176	ug/l	Qvalue 98

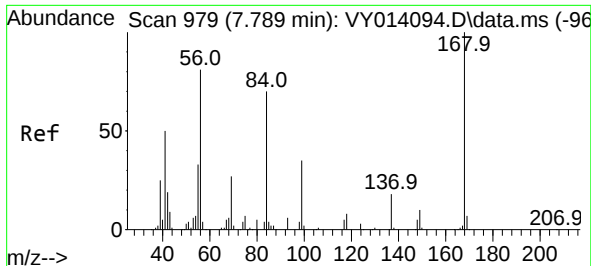
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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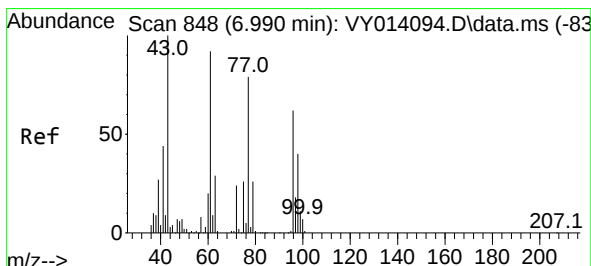
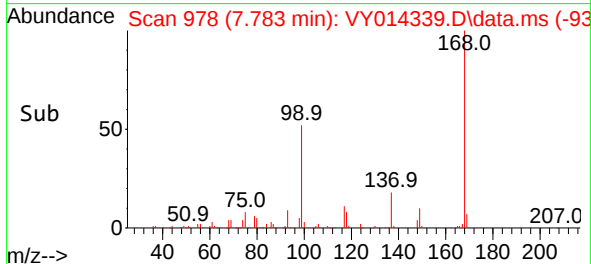
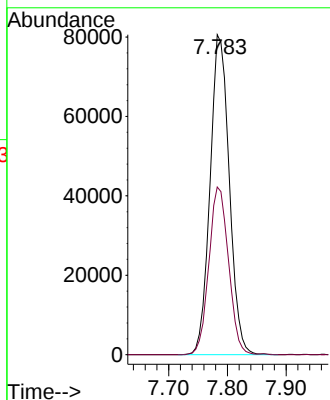
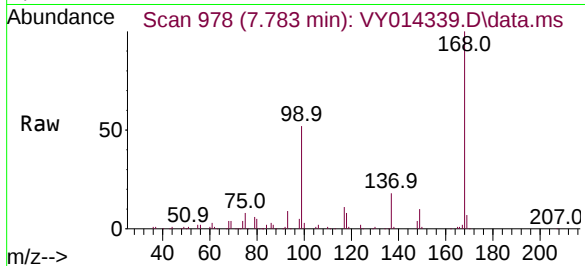




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014339.D
Acq: 21 Jun 2023 16:31

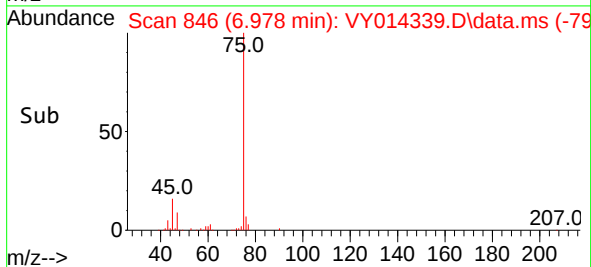
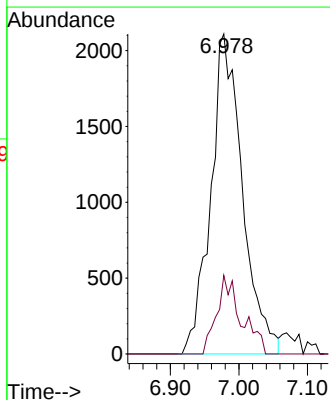
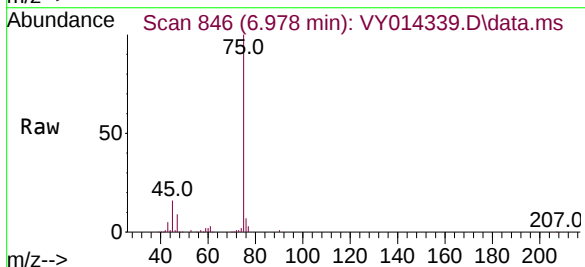
Instrument :
MSVOA_Y
ClientSampleId :
WC-11

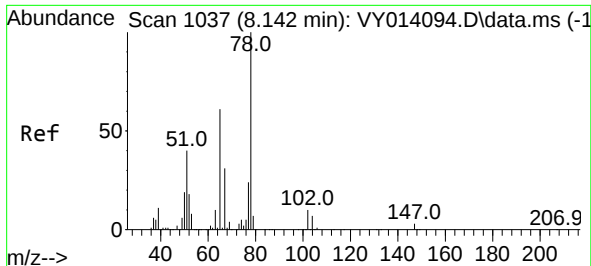
Tgt Ion:168 Resp: 182805
Ion Ratio Lower Upper
168 100
99 52.4 43.4 65.0



#25
2-Butanone
Concen: 7.176 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.012 min
Lab File: VY014339.D
Acq: 21 Jun 2023 16:31

Tgt Ion: 43 Resp: 6778
Ion Ratio Lower Upper
43 100
72 24.5 20.5 30.7



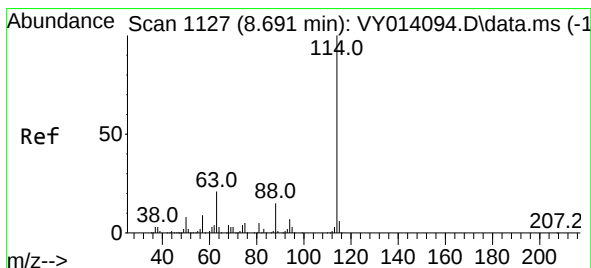
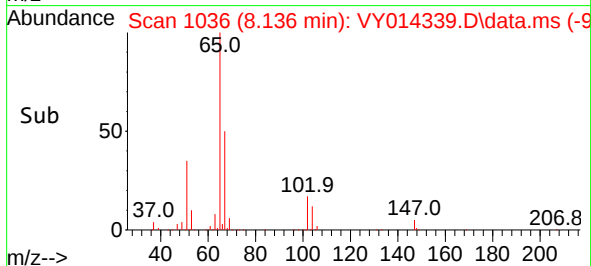
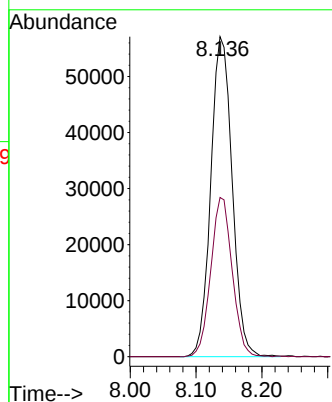
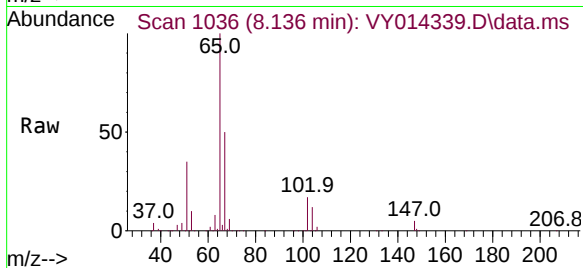


#33
 1,2-Dichloroethane-d4
 Concen: 50.799 ug/l
 RT: 8.136 min Scan# 110
 Delta R.T. -0.006 min
 Lab File: VY014339.D
 Acq: 21 Jun 2023 16:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-11

Tgt Ion: 65 Resp: 129313

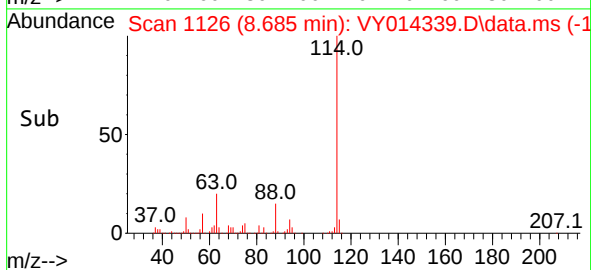
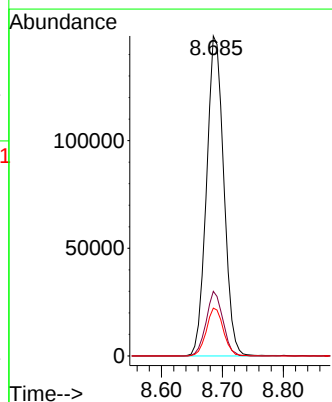
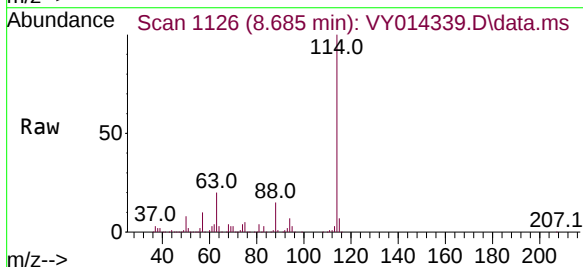
Ion	Ratio	Lower	Upper
65	100		
67	49.8	0.0	101.8

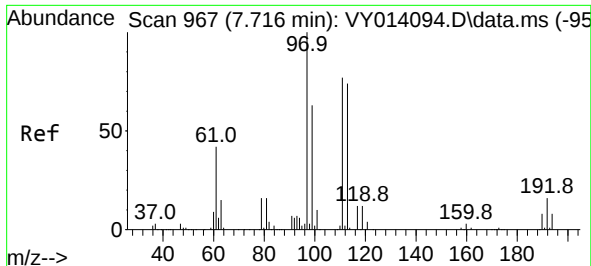


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY014339.D
 Acq: 21 Jun 2023 16:31

Tgt Ion: 114 Resp: 292340

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	42.4
88	15.0	0.0	30.6





#35

Dibromofluoromethane

Concen: 47.233 ug/l

RT: 7.716 min Scan# 9

Delta R.T. -0.000 min

Lab File: VY014339.D

Acq: 21 Jun 2023 16:31

Instrument :

MSVOA_Y

ClientSampleId :

WC-11

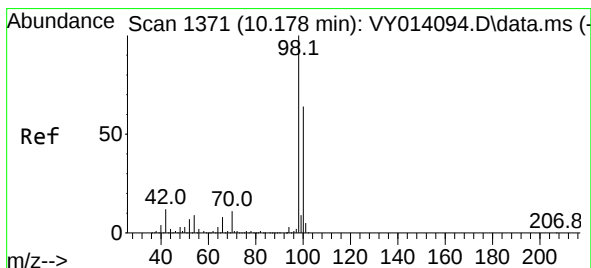
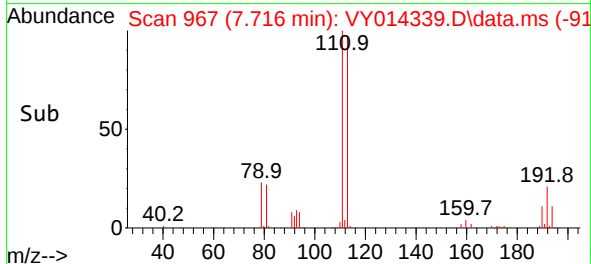
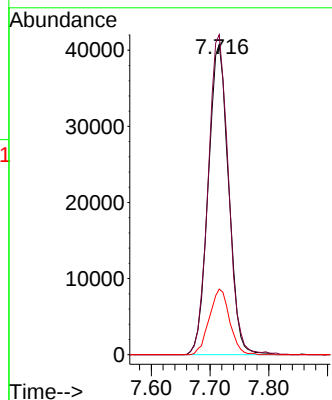
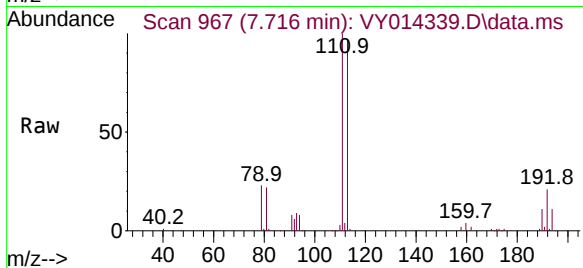
Tgt Ion:113 Resp: 97924

Ion Ratio Lower Upper

113 100

111 103.0 81.3 121.9

192 21.1 16.9 25.3



#50

Toluene-d8

Concen: 45.404 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.001 min

Lab File: VY014339.D

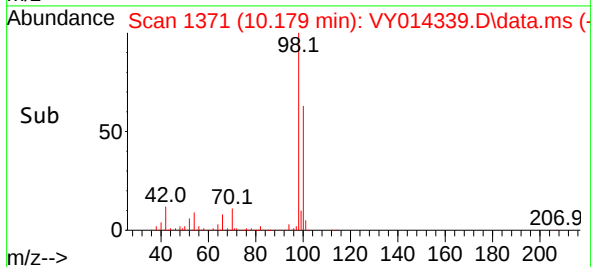
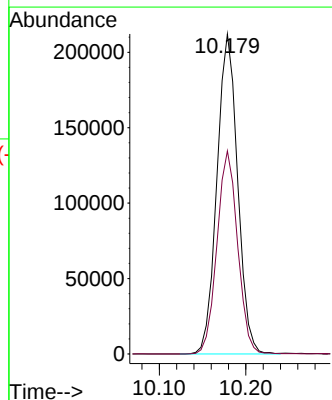
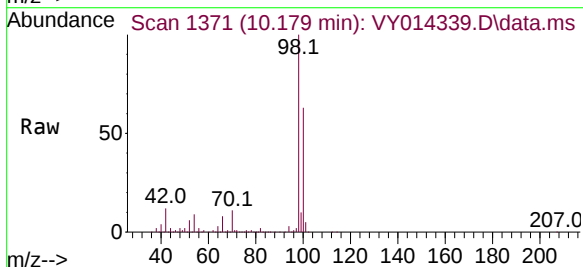
Acq: 21 Jun 2023 16:31

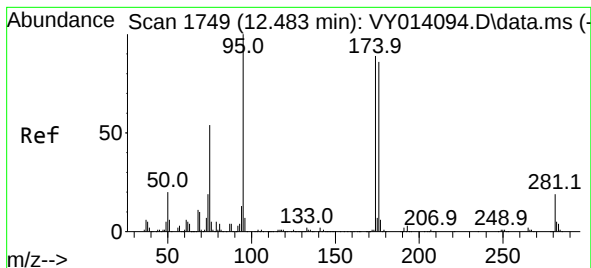
Tgt Ion: 98 Resp: 351925

Ion Ratio Lower Upper

98 100

100 63.3 50.1 75.1

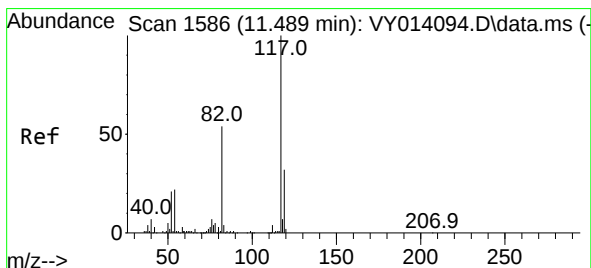
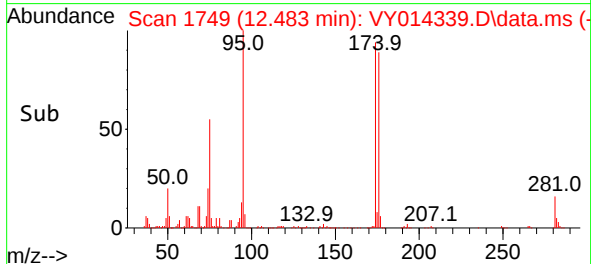
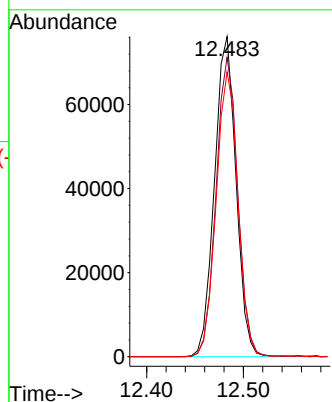
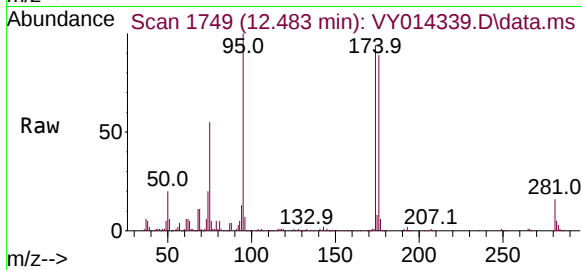




#62
4-Bromofluorobenzene
Concen: 42.829 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014339.D
Acq: 21 Jun 2023 16:31

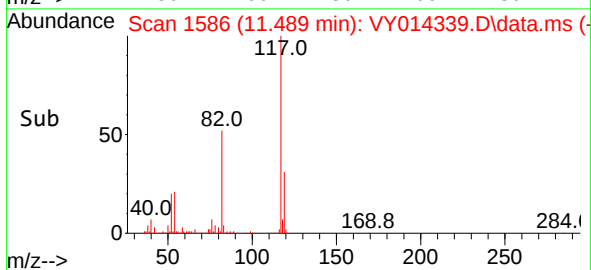
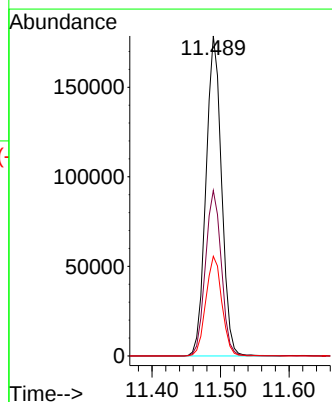
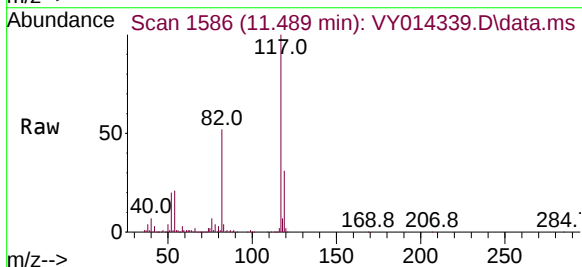
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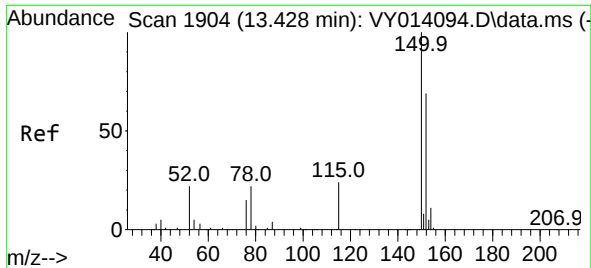
Tgt Ion: 95 Resp: 117922
Ion Ratio Lower Upper
95 100
174 94.2 0.0 178.2
176 90.0 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014339.D
Acq: 21 Jun 2023 16:31

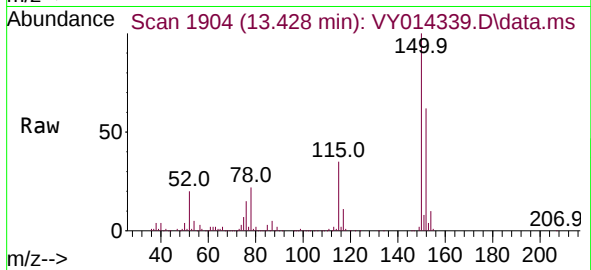
Tgt Ion: 117 Resp: 283065
Ion Ratio Lower Upper
117 100
82 51.7 43.4 65.0
119 31.1 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY014339.D
 Acq: 21 Jun 2023 16:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-11



Tgt Ion:152 Resp: 135042
 Ion Ratio Lower Upper
 152 100
 115 56.6 28.8 86.5
 150 157.6 0.0 348.8

