

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101023\
 Data File : VY015894.D
 Acq On : 10 Oct 2023 14:07
 Operator : SY/MD
 Sample : 04609-03
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2

Quant Time: Oct 11 01:20:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 10 07:06:18 2023
 Response via : Initial Calibration

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

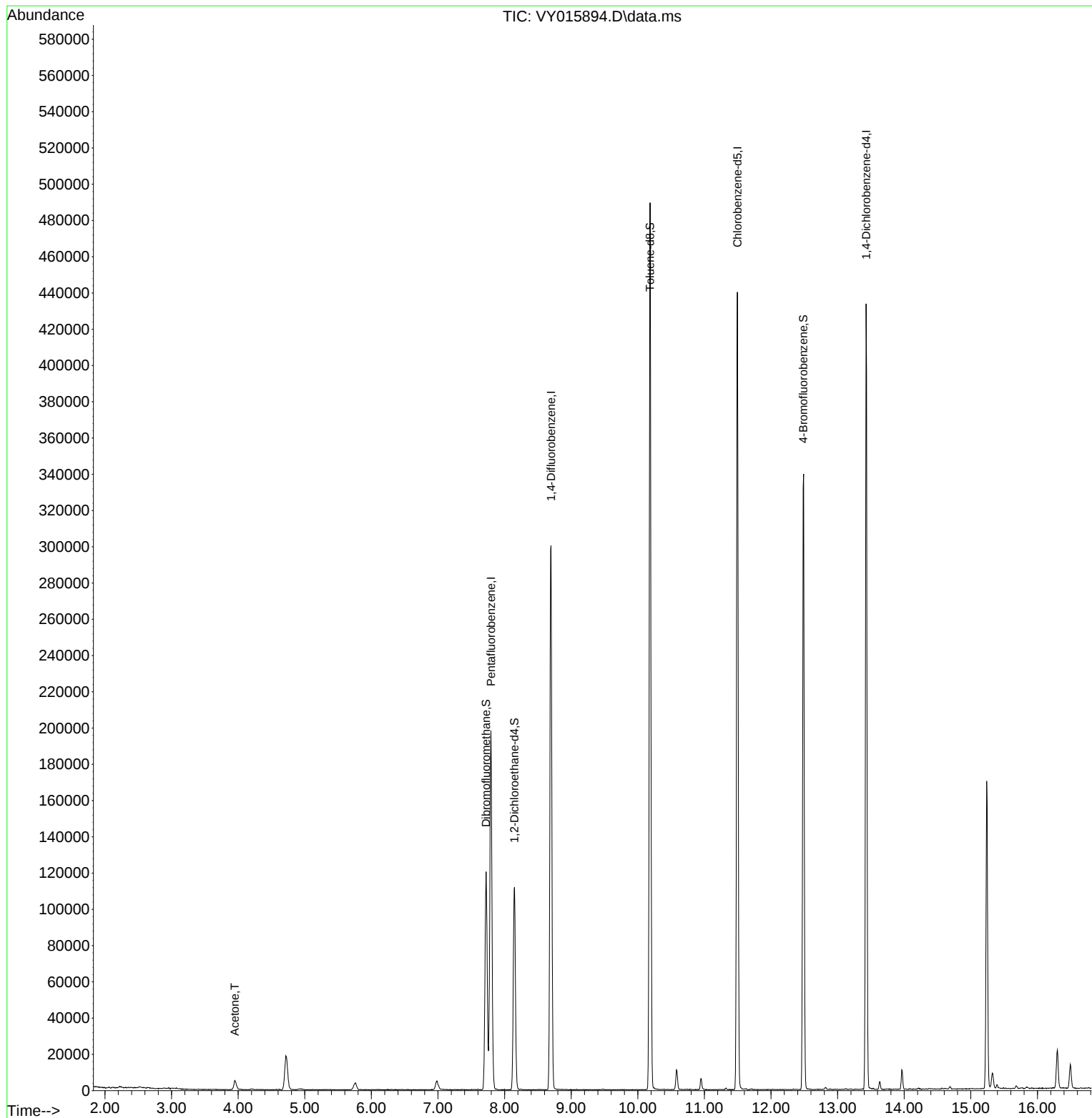
Internal Standards						
1) Pentafluorobenzene	7.795	168	154169	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	267672	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	245779	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	114068	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	87546	63.109	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.220%	
35) Dibromofluoromethane	7.722	113	86966	58.249	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.500%	
50) Toluene-d8	10.185	98	314946	64.006	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 128.020%	
62) 4-Bromofluorobenzene	12.483	95	106089	53.082	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.160%	
Target Compounds						
16) Acetone	3.948	43	8939	18.771	ug/l	Qvalue # 88

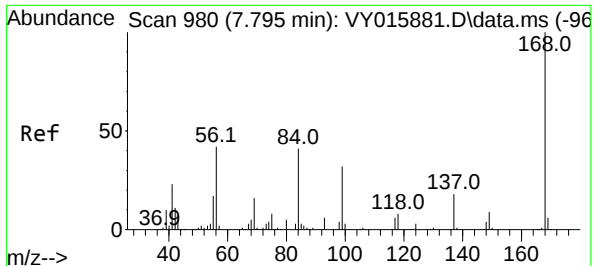
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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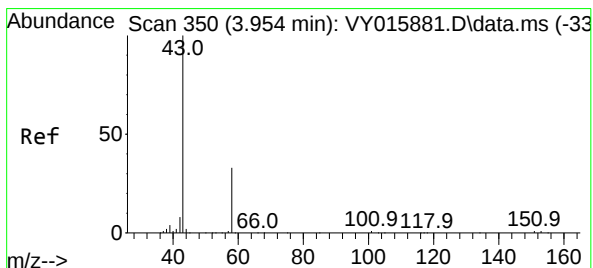
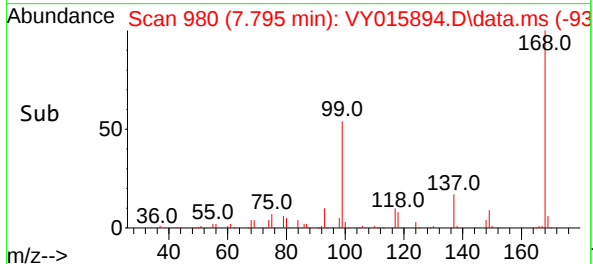
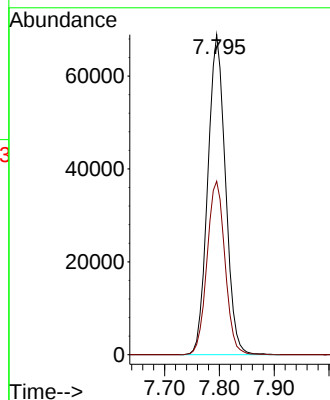
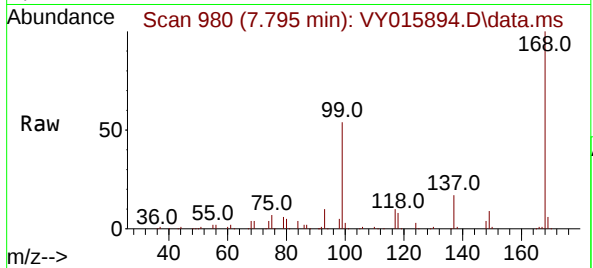




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015894.D
Acq: 10 Oct 2023 14:07

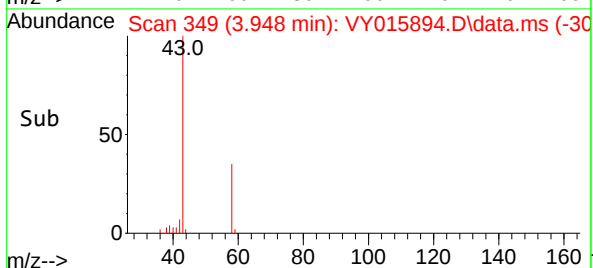
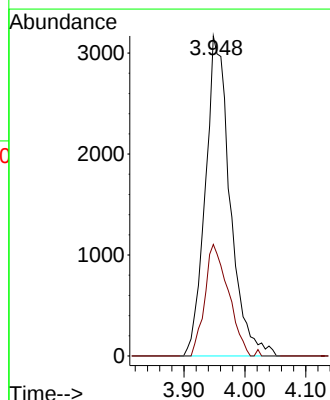
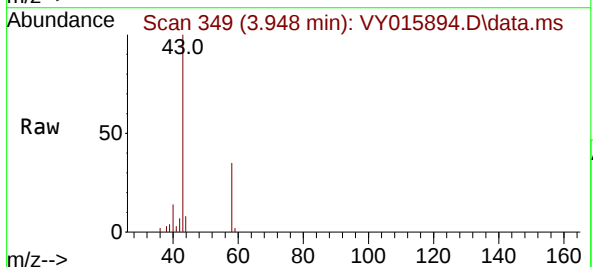
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

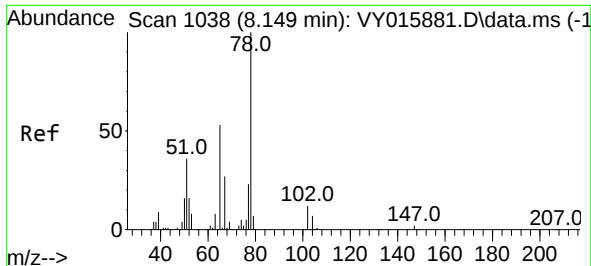
Tgt Ion:168 Resp: 154169
Ion Ratio Lower Upper
168 100
99 54.2 43.4 65.0



#16
Acetone
Concen: 18.771 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY015894.D
Acq: 10 Oct 2023 14:07

Tgt Ion: 43 Resp: 8939
Ion Ratio Lower Upper
43 100
58 34.9 22.7 34.1#

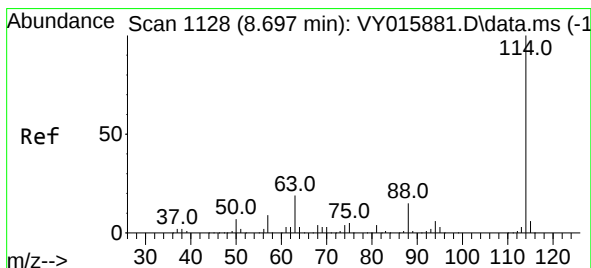
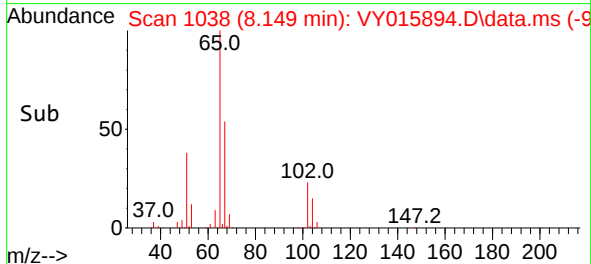
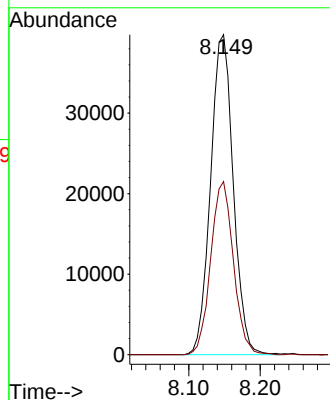
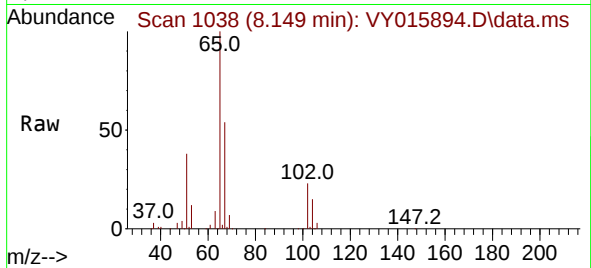




#33
 1,2-Dichloroethane-d4
 Concen: 63.109 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. 0.000 min
 Lab File: VY015894.D
 Acq: 10 Oct 2023 14:07

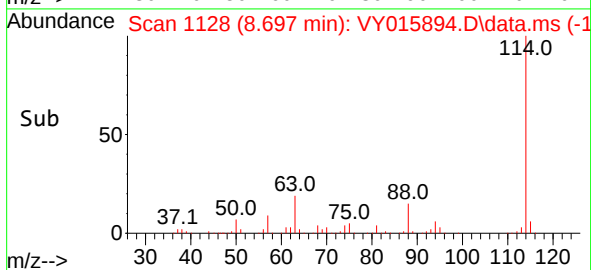
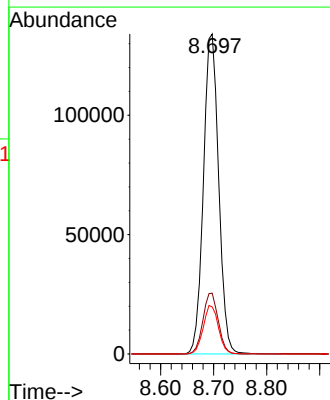
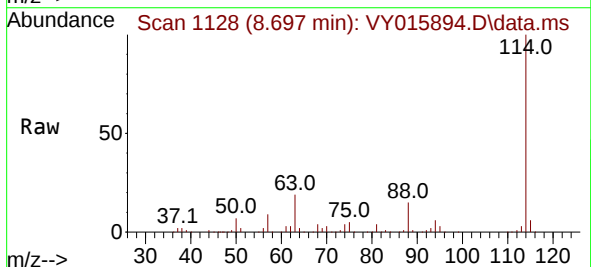
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2

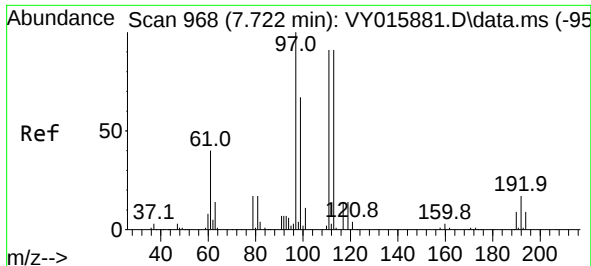
Tgt Ion: 65 Resp: 87546
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY015894.D
 Acq: 10 Oct 2023 14:07

Tgt Ion: 114 Resp: 267672
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 42.4
 88 14.7 0.0 30.6

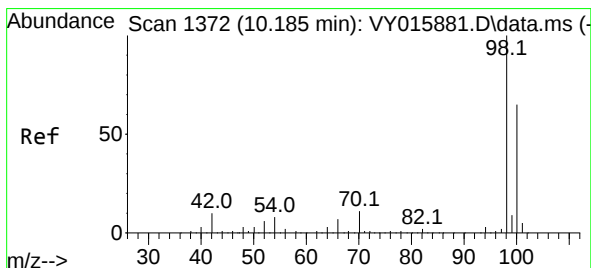
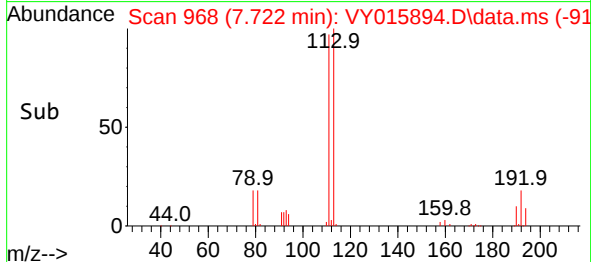
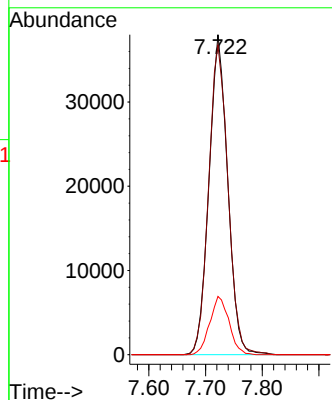
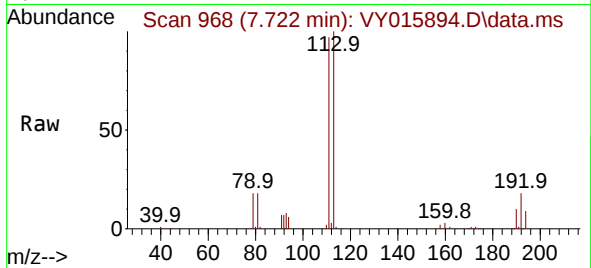




#35
Dibromofluoromethane
Concen: 58.249 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY015894.D
Acq: 10 Oct 2023 14:07

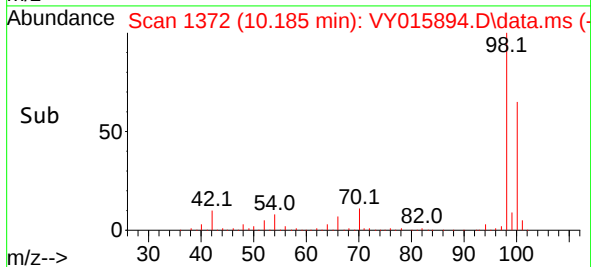
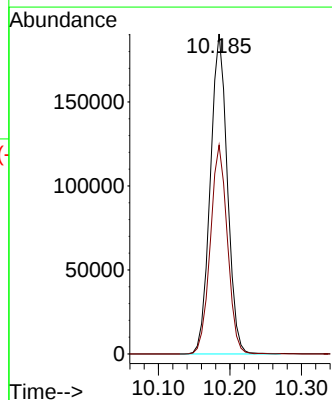
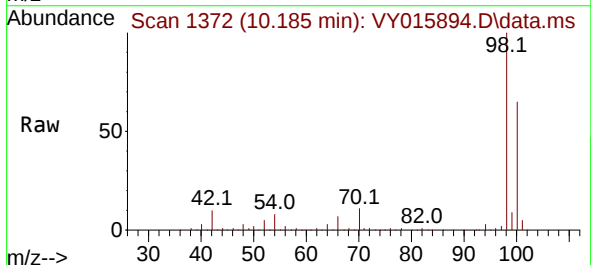
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

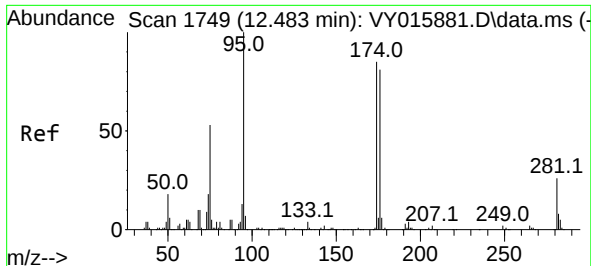
Tgt Ion:113 Resp: 86966
Ion Ratio Lower Upper
113 100
111 100.3 81.3 121.9
192 18.8 16.9 25.3



#50
Toluene-d8
Concen: 64.006 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY015894.D
Acq: 10 Oct 2023 14:07

Tgt Ion: 98 Resp: 314946
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1

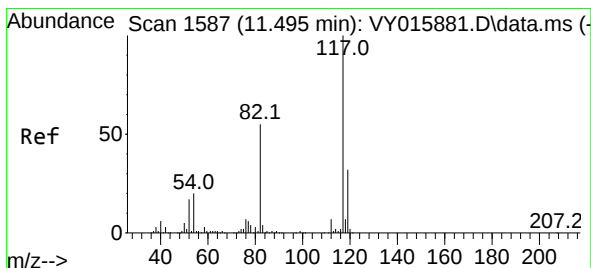
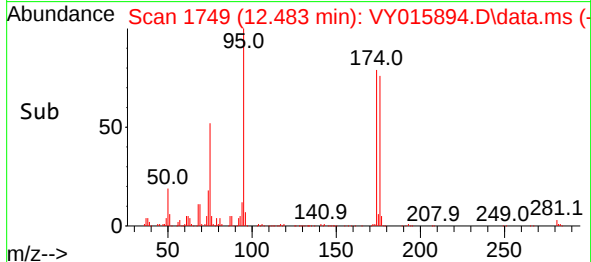
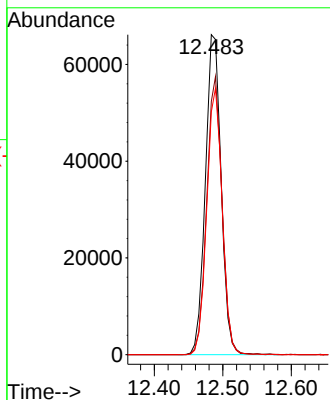
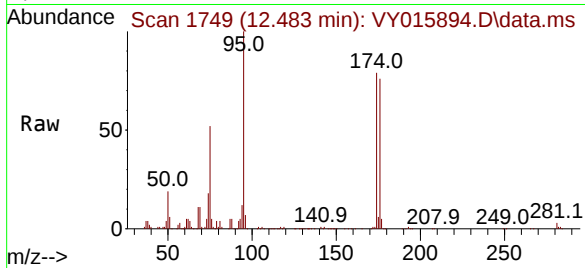




#62
4-Bromofluorobenzene
Concen: 53.082 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY015894.D
Acq: 10 Oct 2023 14:07

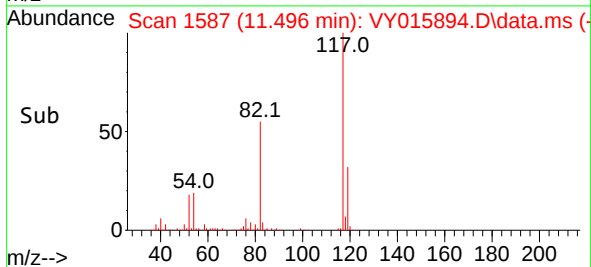
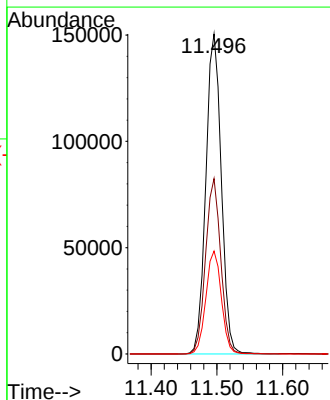
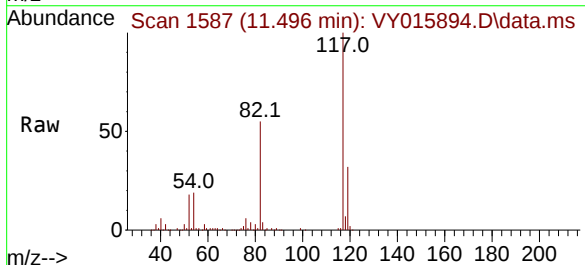
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

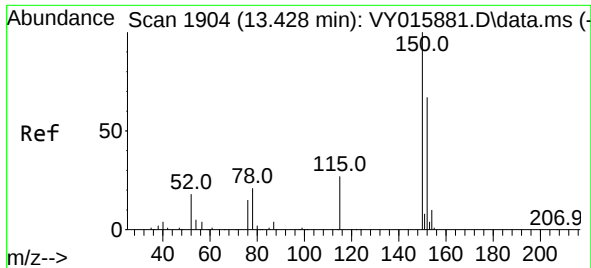
Tgt Ion: 95 Resp: 106089
Ion Ratio Lower Upper
95 100
174 84.7 0.0 178.2
176 81.6 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY015894.D
Acq: 10 Oct 2023 14:07

Tgt Ion: 117 Resp: 245779
Ion Ratio Lower Upper
117 100
82 54.8 43.4 65.0
119 32.1 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: VY015894.D

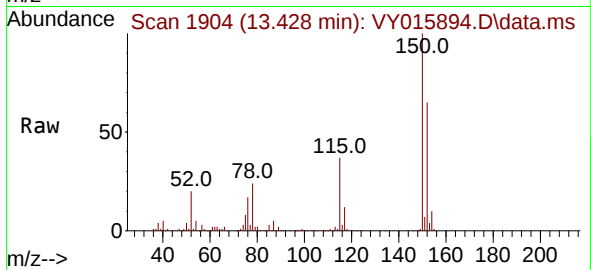
Acq: 10 Oct 2023 14:07

Instrument :

MSVOA_Y

ClientSampleId :

TP-2



Tgt Ion:152 Resp: 114068

Ion Ratio Lower Upper

152 100

115 56.7 28.8 86.5

150 155.3 0.0 348.8

