

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101023\
 Data File : VY015895.D
 Acq On : 10 Oct 2023 14:30
 Operator : SY/MD
 Sample : 04784-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-02-10052023

Quant Time: Oct 10 15:46:47 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)

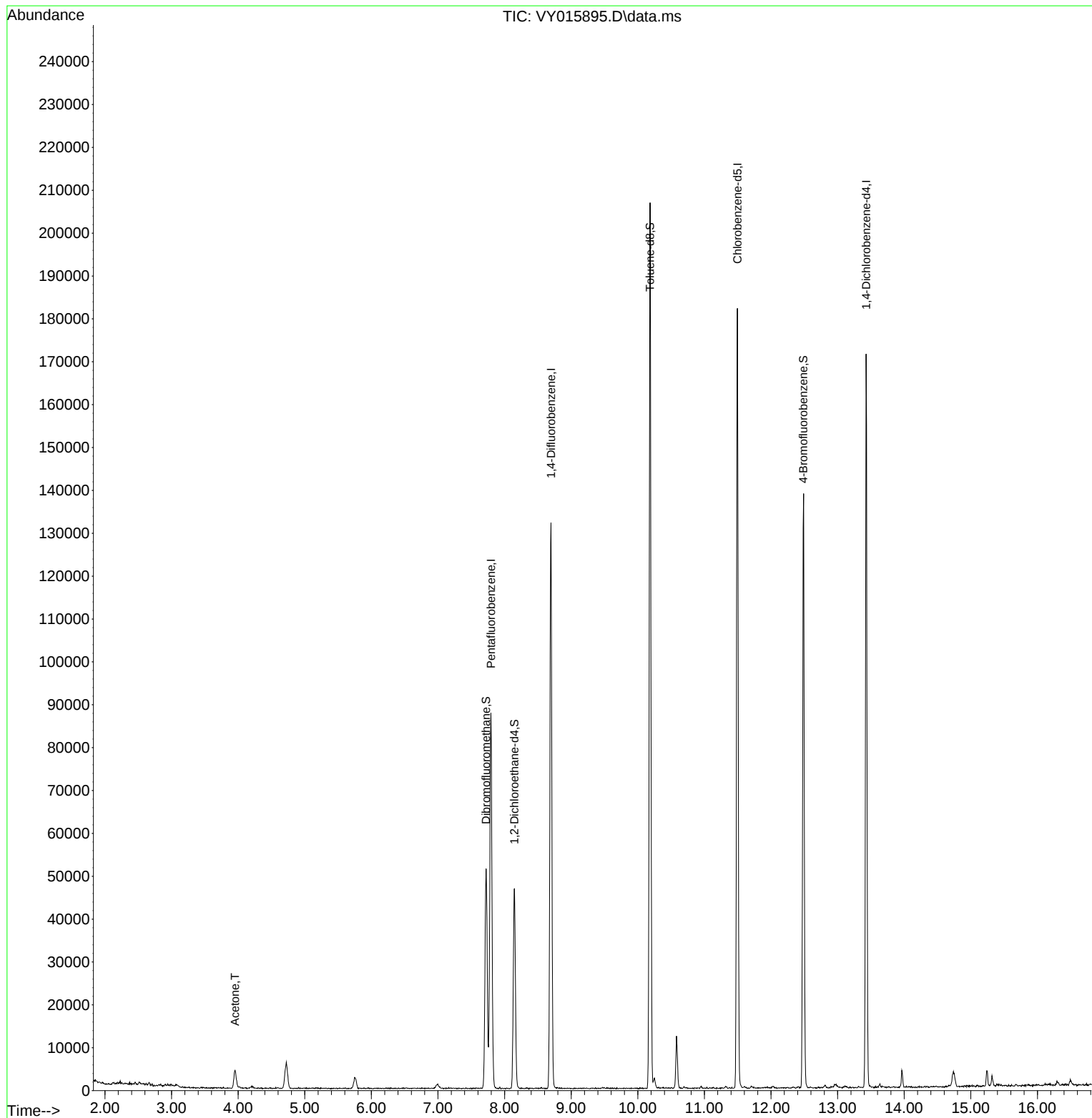
Internal Standards						
1) Pentafluorobenzene	7.795	168	69753	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	116255	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	103141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	44093	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	35982	57.329	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.660%
35) Dibromofluoromethane	7.722	113	37607	57.996	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.000%
50) Toluene-d8	10.185	98	135633	63.466	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	126.940%
62) 4-Bromofluorobenzene	12.483	95	42244	48.667	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.340%
Target Compounds						
16) Acetone	3.954	43	7234	28.805	ug/l	99

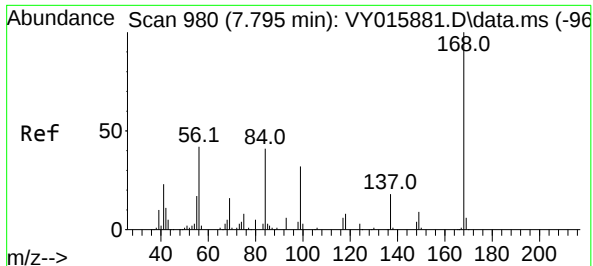
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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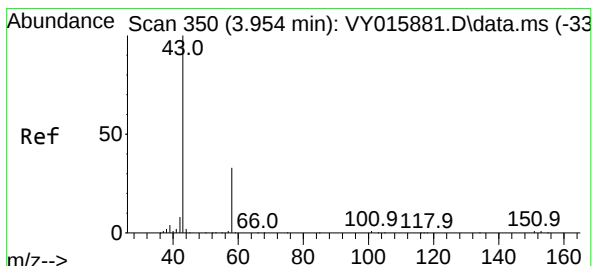
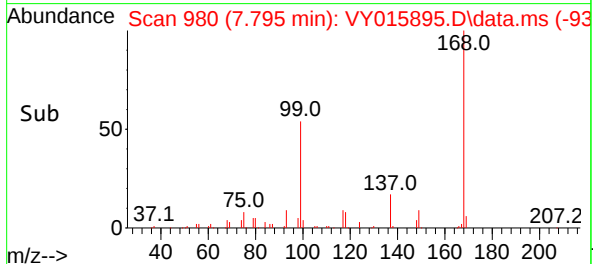
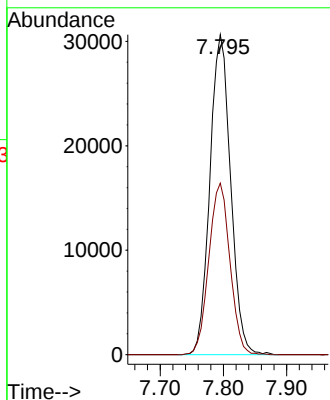
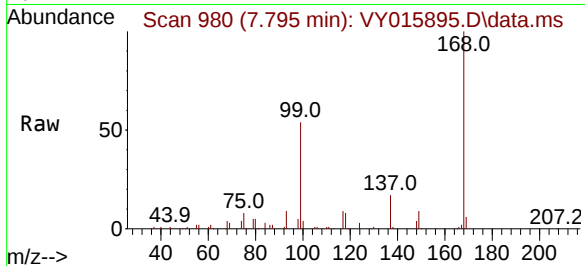




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015895.D
Acq: 10 Oct 2023 14:30

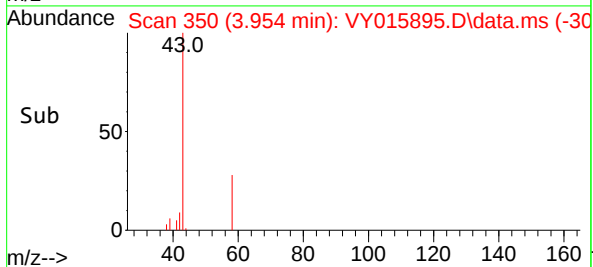
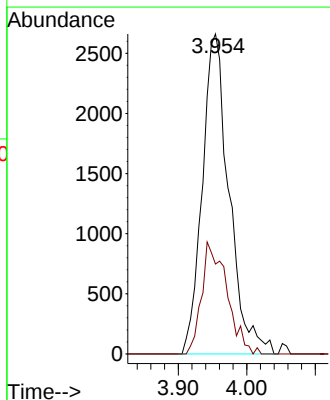
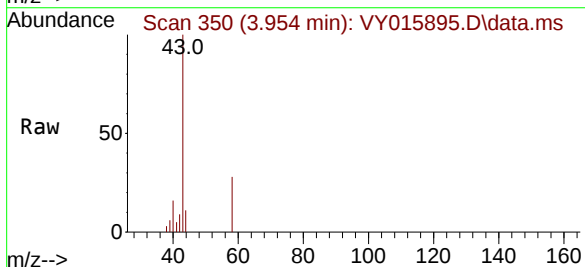
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-10052023

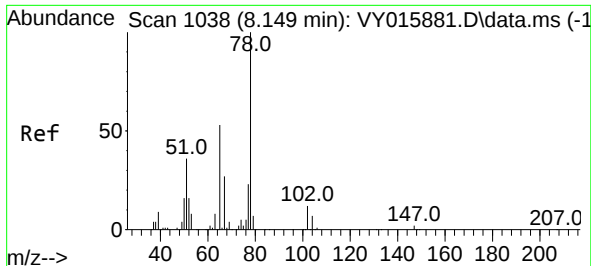
Tgt Ion:168 Resp: 69753
Ion Ratio Lower Upper
168 100
99 53.6 43.4 65.0



#16
Acetone
Concen: 28.805 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY015895.D
Acq: 10 Oct 2023 14:30

Tgt Ion: 43 Resp: 7234
Ion Ratio Lower Upper
43 100
58 28.1 22.7 34.1





#33

1,2-Dichloroethane-d4

Concen: 57.329 ug/l

RT: 8.149 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015895.D

Acq: 10 Oct 2023 14:30

Instrument :

MSVOA_Y

ClientSampleId :

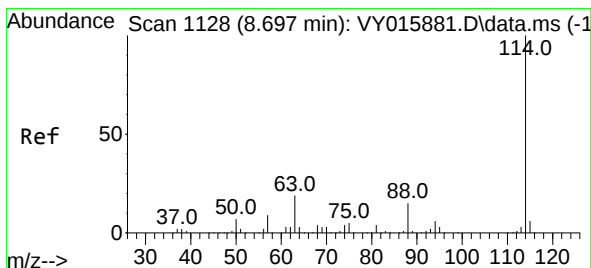
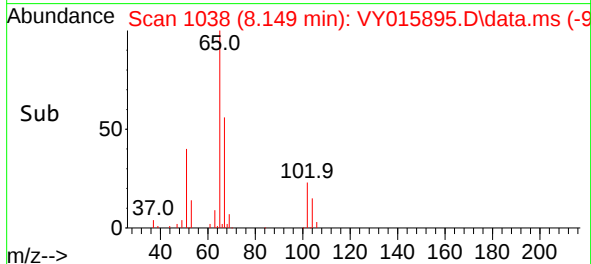
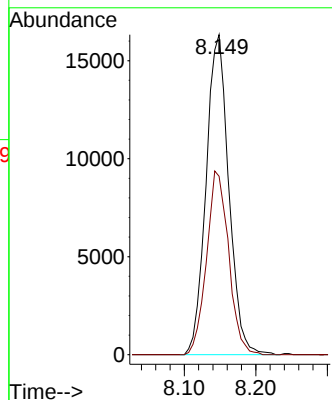
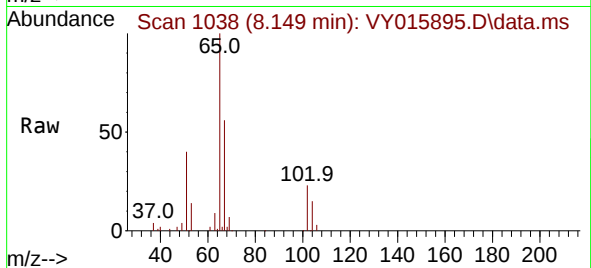
OR-02-10052023

Tgt Ion: 65 Resp: 35982

Ion Ratio Lower Upper

65 100

67 55.9 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: VY015895.D

Acq: 10 Oct 2023 14:30

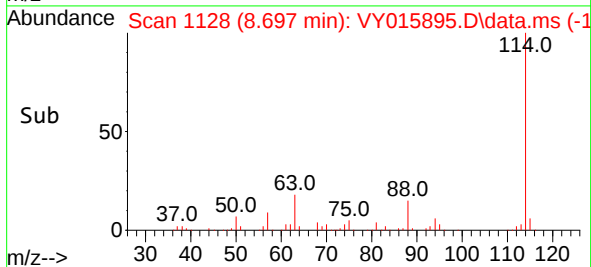
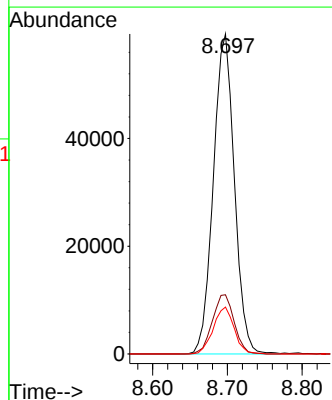
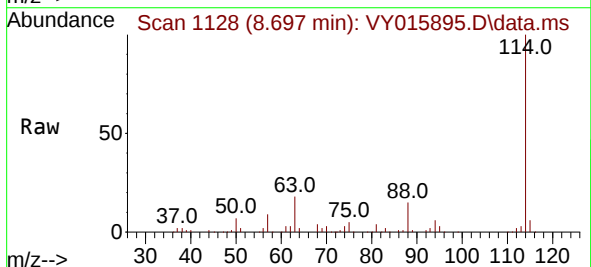
Tgt Ion: 114 Resp: 116255

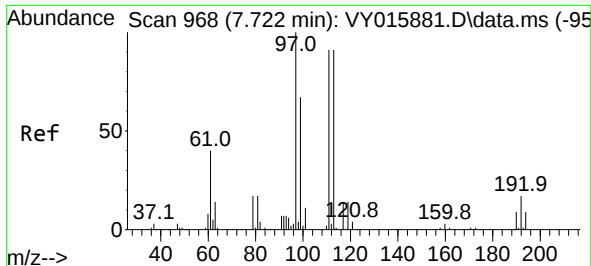
Ion Ratio Lower Upper

114 100

63 18.5 0.0 42.4

88 14.7 0.0 30.6

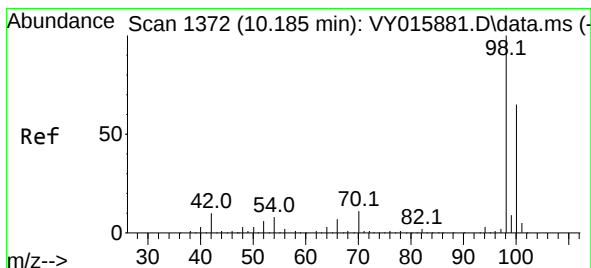
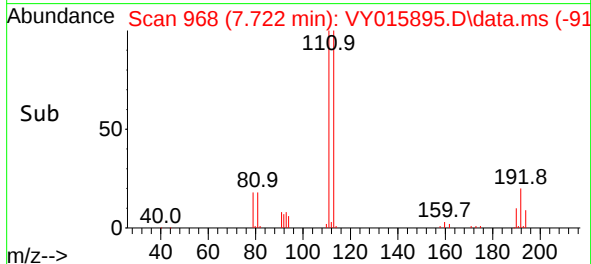
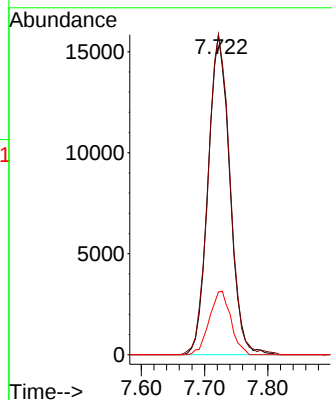
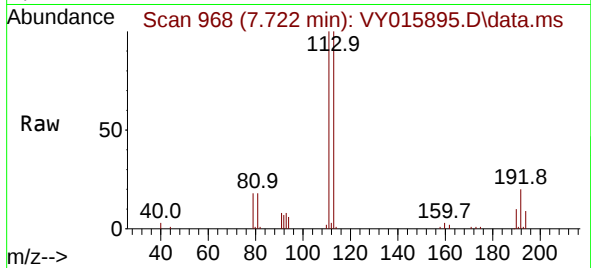




#35
Dibromofluoromethane
Concen: 57.996 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY015895.D
Acq: 10 Oct 2023 14:30

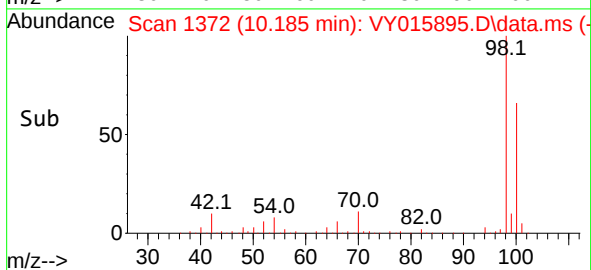
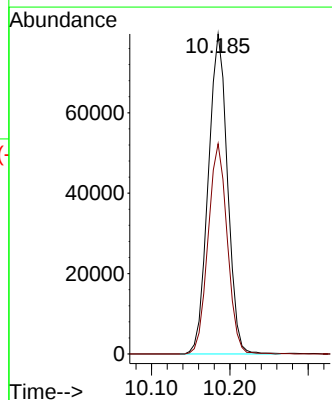
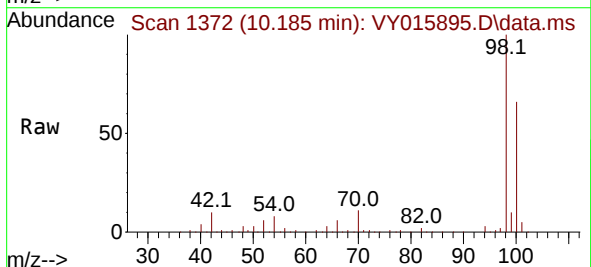
Instrument :
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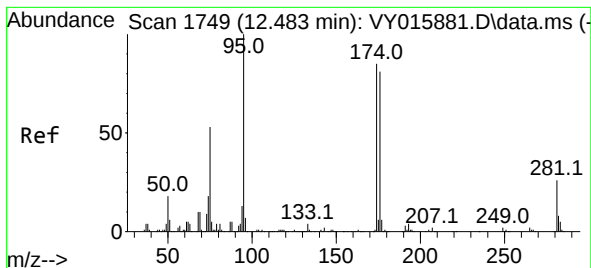
Tgt Ion:113 Resp: 37607
Ion Ratio Lower Upper
113 100
111 101.8 81.3 121.9
192 19.7 16.9 25.3



#50
Toluene-d8
Concen: 63.466 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY015895.D
Acq: 10 Oct 2023 14:30

Tgt Ion: 98 Resp: 135633
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1

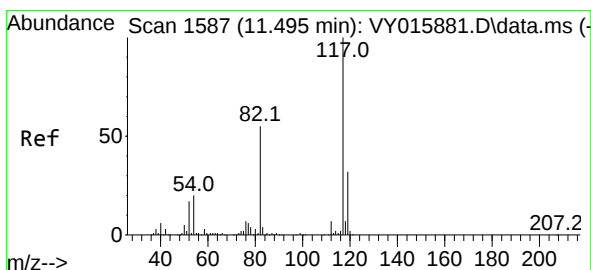
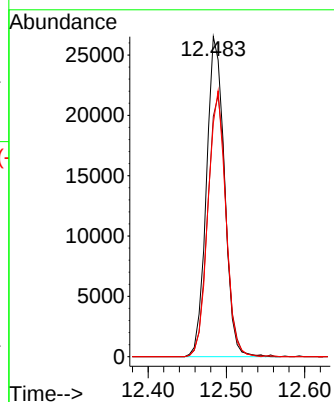
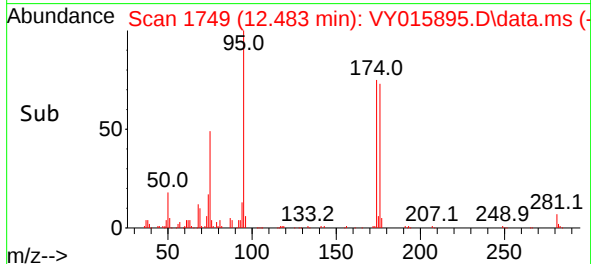
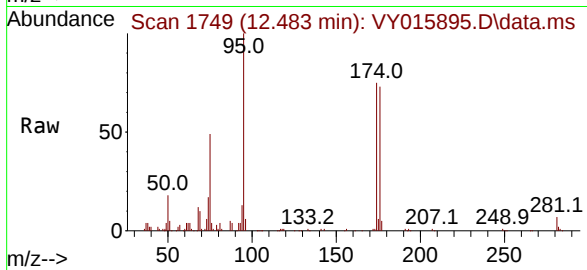




#62
4-Bromofluorobenzene
Concen: 48.667 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY015895.D
Acq: 10 Oct 2023 14:30

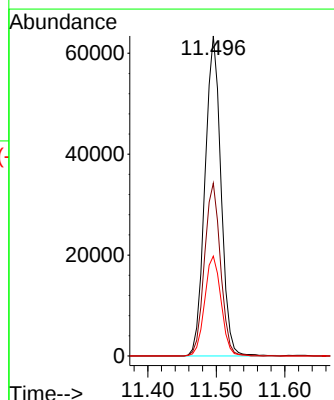
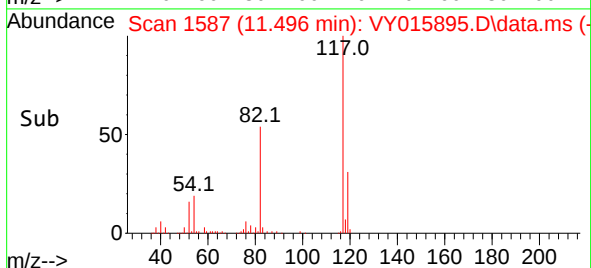
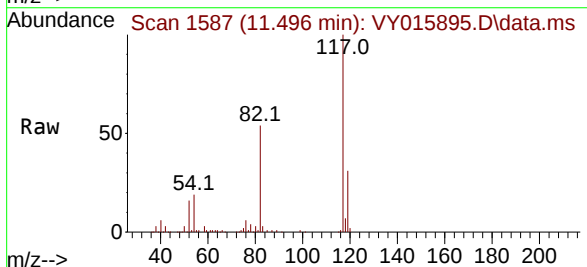
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-10052023

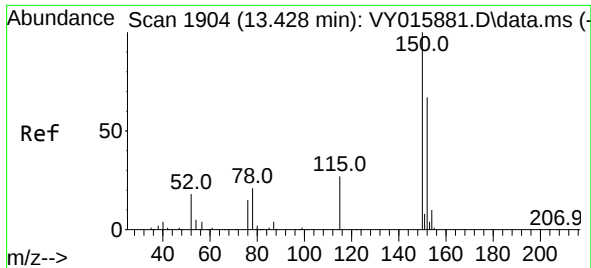
Tgt Ion: 95 Resp: 42244
Ion Ratio Lower Upper
95 100
174 83.6 0.0 178.2
176 82.1 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY015895.D
Acq: 10 Oct 2023 14:30

Tgt Ion: 117 Resp: 103141
Ion Ratio Lower Upper
117 100
82 54.0 43.4 65.0
119 31.2 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: VY015895.D

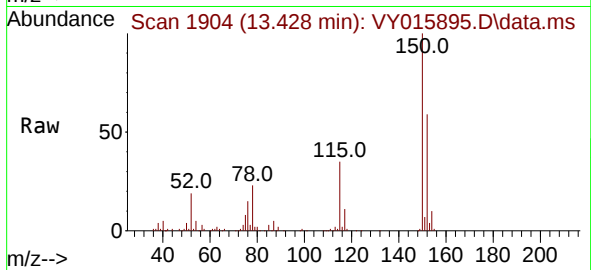
Acq: 10 Oct 2023 14:30

Instrument :

MSVOA_Y

ClientSampleId :

OR-02-10052023



Tgt Ion:152 Resp: 44093

Ion Ratio Lower Upper

152 100

115 57.2 28.8 86.5

150 157.9 0.0 348.8

