

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101623\
 Data File : VY015988.D
 Acq On : 16 Oct 2023 16:40
 Operator : SY/MD
 Sample : 04892-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-02-10132023-A

Quant Time: Oct 17 05:44:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 13 13:13:02 2023
 Response via : Initial Calibration

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

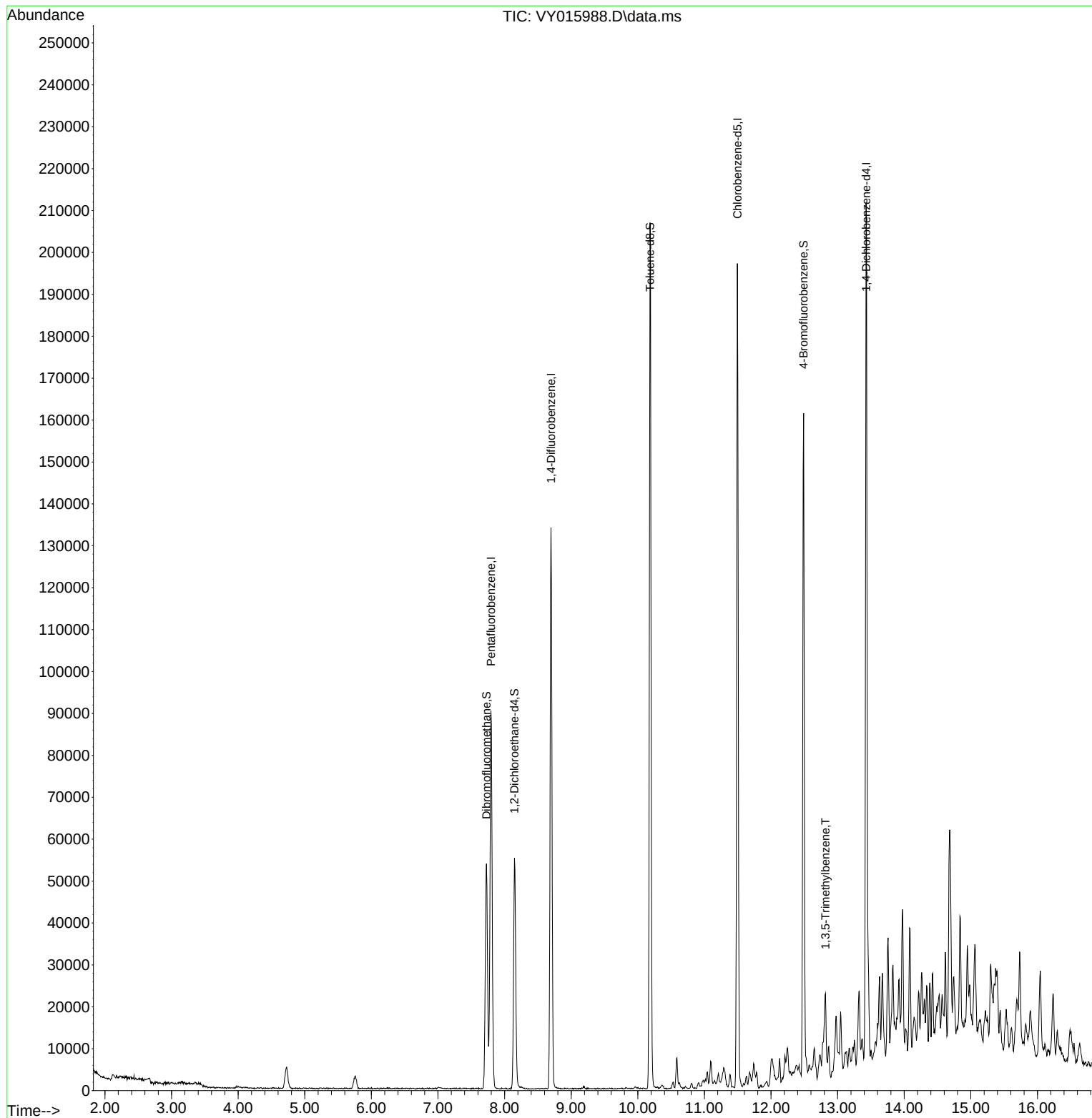
Internal Standards						
1) Pentafluorobenzene	7.795	168	69912	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	114775	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	107964	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	53832	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	43914	55.038	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.080%	
35) Dibromofluoromethane	7.728	113	38223	52.899	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.800%	
50) Toluene-d8	10.185	98	135815	50.191	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.380%	
62) 4-Bromofluorobenzene	12.489	95	46523	48.283	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 96.560%	
Target Compounds						
80) 1,3,5-Trimethylbenzene	12.818	105	3623	1.144	ug/l	Qvalue 97

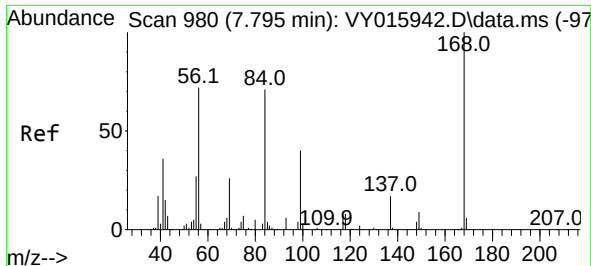
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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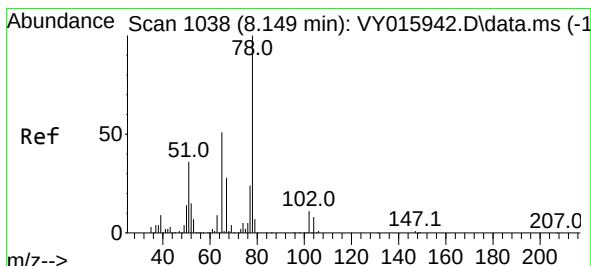
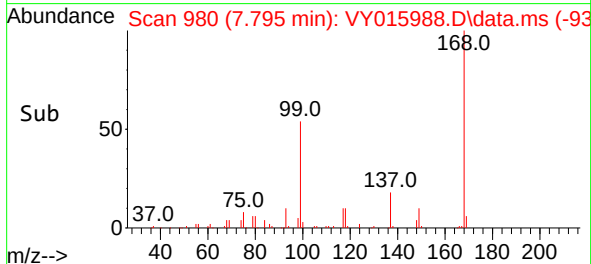
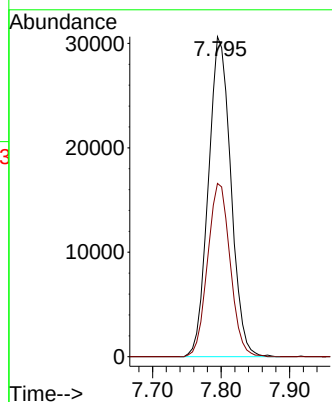
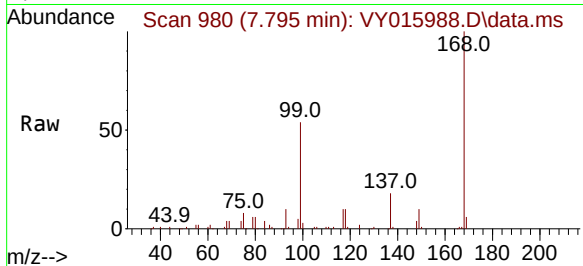




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015988.D
Acq: 16 Oct 2023 16:40

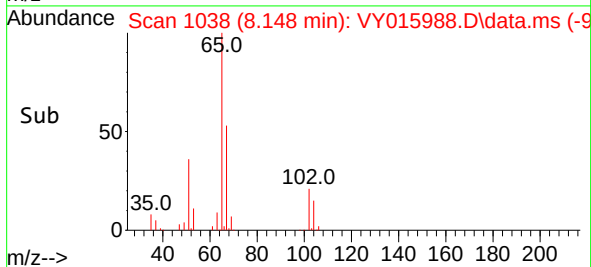
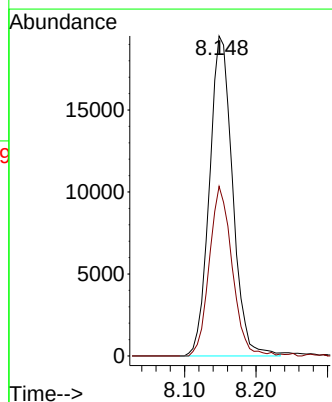
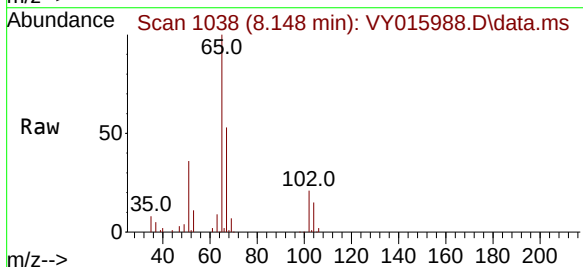
Instrument :
MSVOA_Y
ClientSampleId :
EO-02-10132023-A

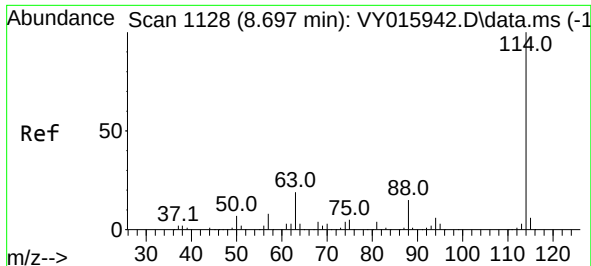
Tgt Ion:168 Resp: 69912
Ion Ratio Lower Upper
168 100
99 54.2 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 55.038 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY015988.D
Acq: 16 Oct 2023 16:40

Tgt Ion: 65 Resp: 43914
Ion Ratio Lower Upper
65 100
67 52.4 0.0 101.8

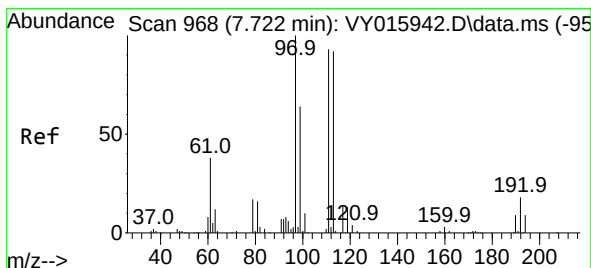
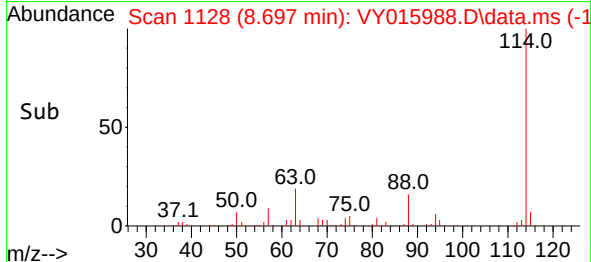
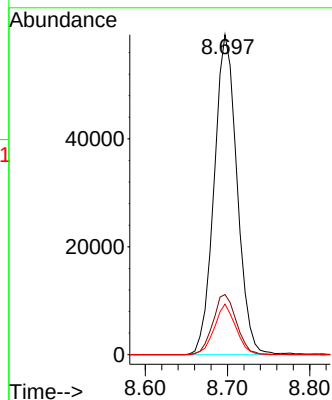
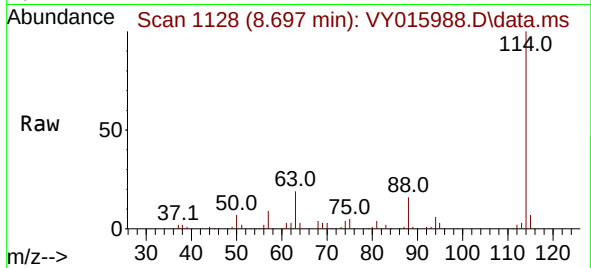




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY015988.D
Acq: 16 Oct 2023 16:40

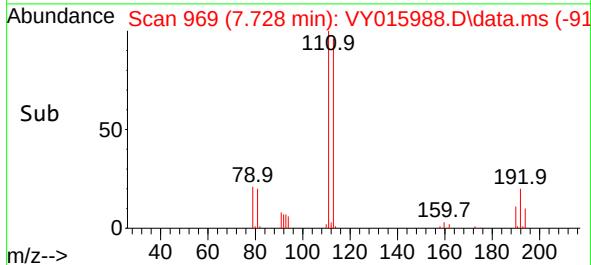
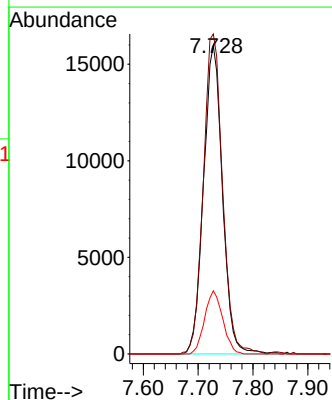
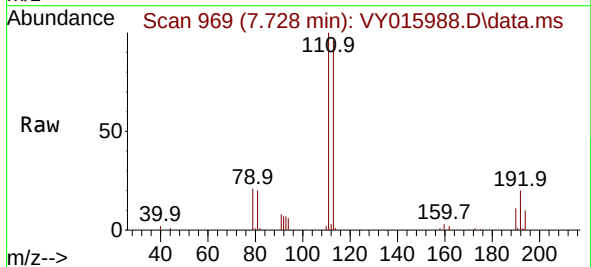
Instrument :
MSVOA_Y
ClientSampleId :
EO-02-10132023-A

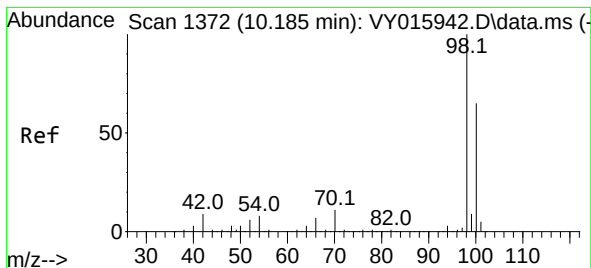
Tgt Ion:114	Resp:	114775
Ion	Ratio	Lower Upper
114	100	
63	18.8	0.0 42.4
88	15.8	0.0 30.6



#35
Dibromofluoromethane
Concen: 52.899 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY015988.D
Acq: 16 Oct 2023 16:40

Tgt Ion:113	Resp:	38223
Ion	Ratio	Lower Upper
113	100	
111	105.2	81.3 121.9
192	19.6	16.9 25.3





#50

Toluene-d8

Concen: 50.191 ug/l

RT: 10.185 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY015988.D

Acq: 16 Oct 2023 16:40

Instrument :

MSVOA_Y

ClientSampleId :

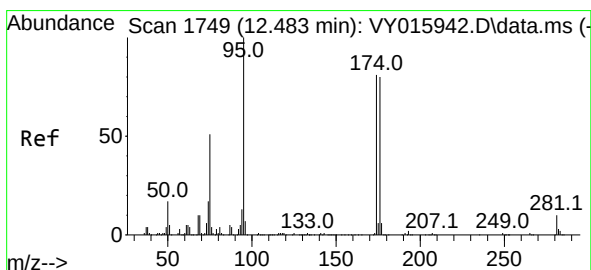
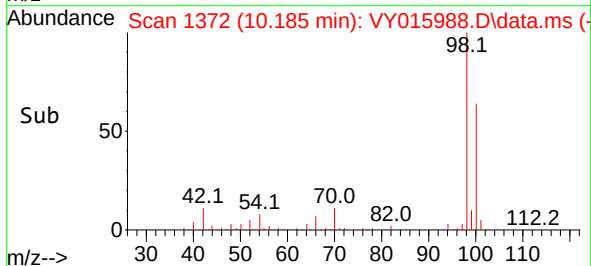
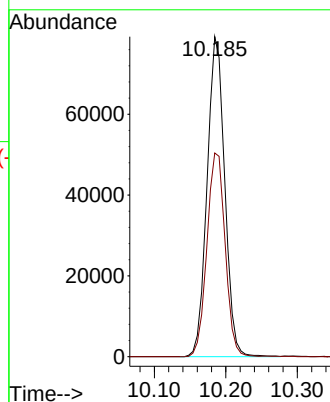
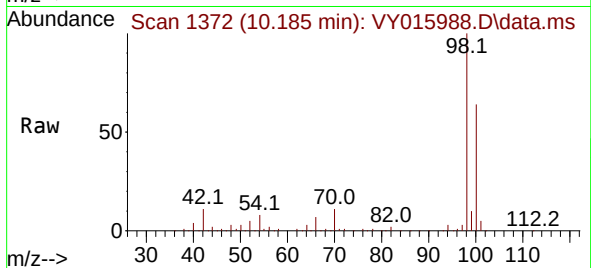
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Tgt Ion: 98 Resp: 135815

Ion Ratio Lower Upper

98 100

100 65.7 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 48.283 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VY015988.D

Acq: 16 Oct 2023 16:40

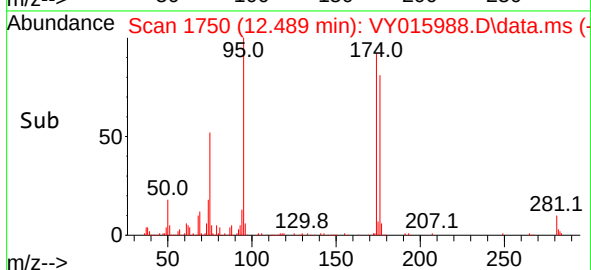
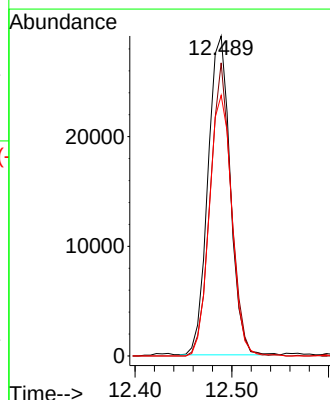
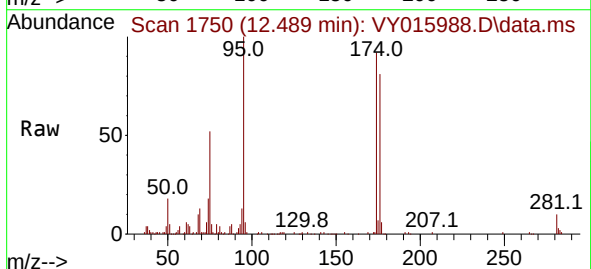
Tgt Ion: 95 Resp: 46523

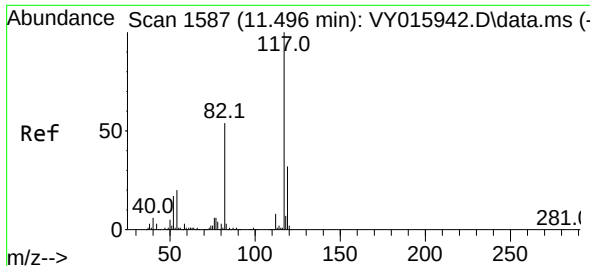
Ion Ratio Lower Upper

95 100

174 86.7 0.0 178.2

176 83.1 0.0 173.8

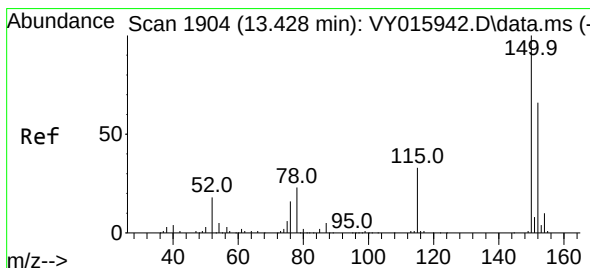
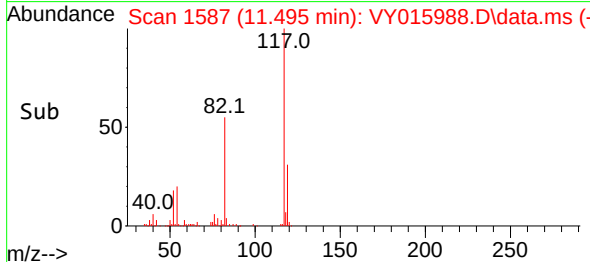
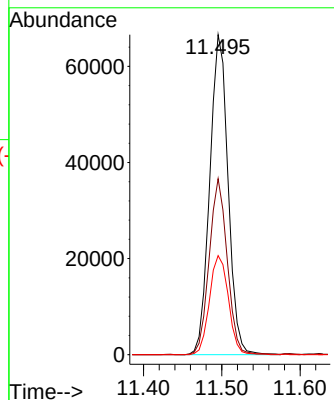
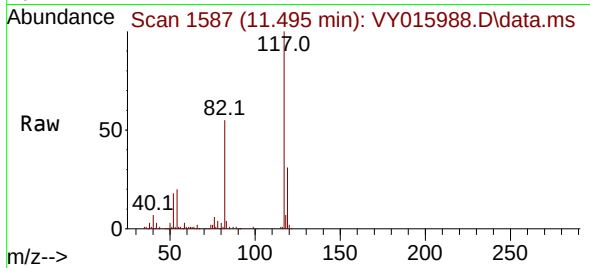




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015988.D
Acq: 16 Oct 2023 16:40

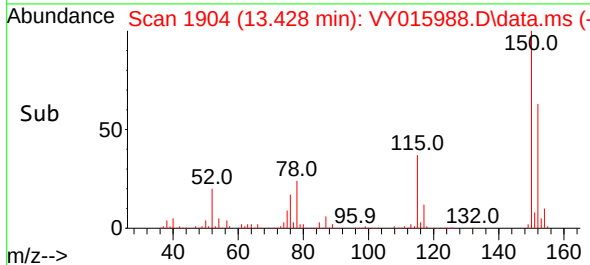
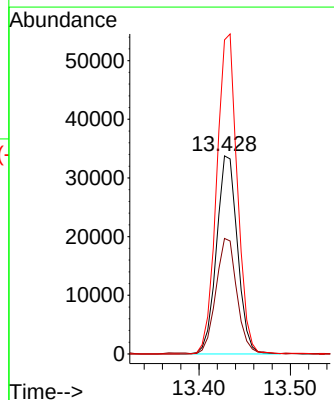
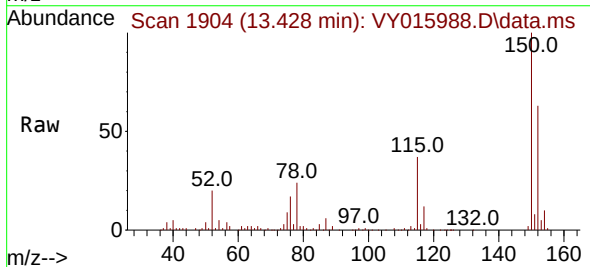
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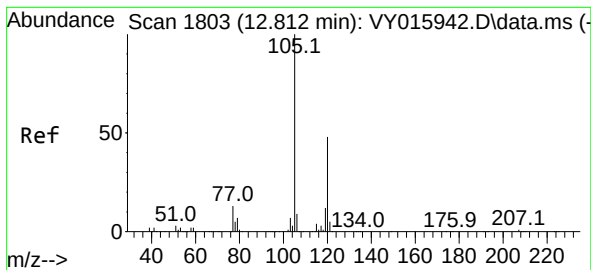
Tgt Ion:117 Resp: 107964
Ion Ratio Lower Upper
117 100
82 55.0 43.4 65.0
119 31.0 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY015988.D
Acq: 16 Oct 2023 16:40

Tgt Ion:152 Resp: 53832
Ion Ratio Lower Upper
152 100
115 58.7 28.8 86.5
150 158.4 0.0 348.8





#80

1,3,5-Trimethylbenzene

Concen: 1.144 ug/l

RT: 12.818 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015988.D

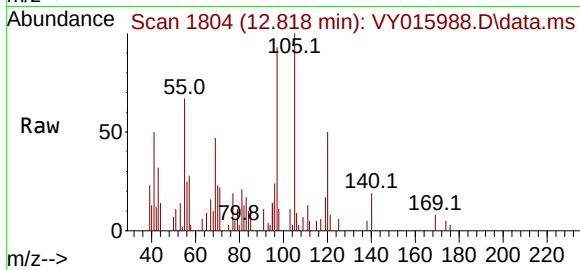
Acq: 16 Oct 2023 16:40

Instrument :

MSVOA_Y

ClientSampleId :

EO-02-10132023-A



Tgt Ion:105 Resp: 3623

Ion Ratio Lower Upper

105 100

120 50.0 23.9 71.7

