

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020524\
 Data File : VY017238.D
 Acq On : 05 Feb 2024 18:48
 Operator : SY/MD
 Sample : P1141-07
 Misc : 5.48g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EB-4-6-8

Quant Time: Feb 06 01:03:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

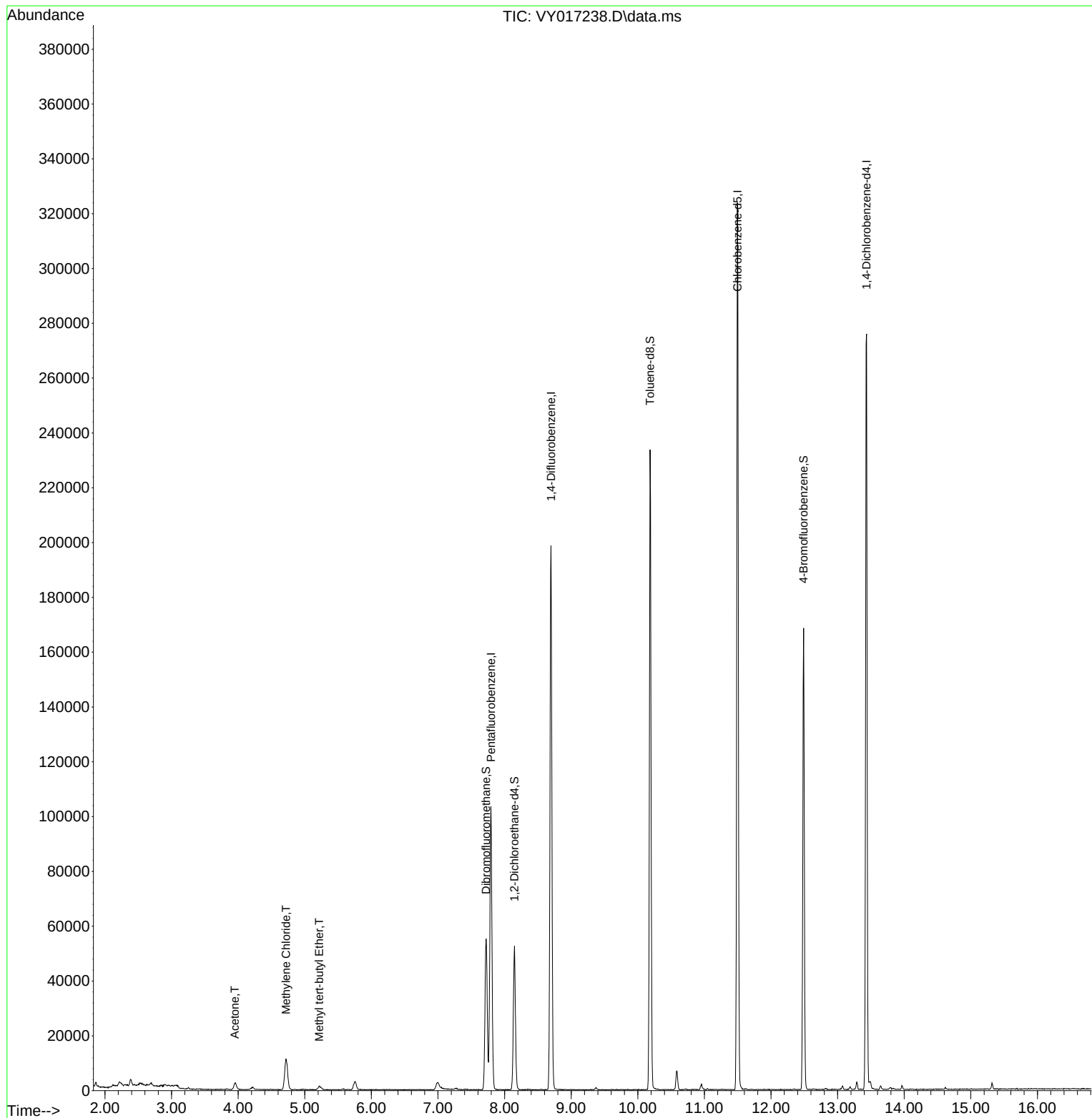
Internal Standards						
1) Pentafluorobenzene	7.795	168	77742	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	171268	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	175604	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	71134	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	38115	54.881	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.760%
35) Dibromofluoromethane	7.722	113	40559	43.860	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.720%
50) Toluene-d8	10.185	98	149318	44.349	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.700%
62) 4-Bromofluorobenzene	12.489	95	51907	47.063	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.120%
Target Compounds					Qvalue	
16) Acetone	3.948	43	4698	23.016	ug/l	97
19) Methyl tert-butyl Ether	5.216	73	2225	1.226	ug/l	99
20) Methylene Chloride	4.716	84	8618	7.318	ug/l	98

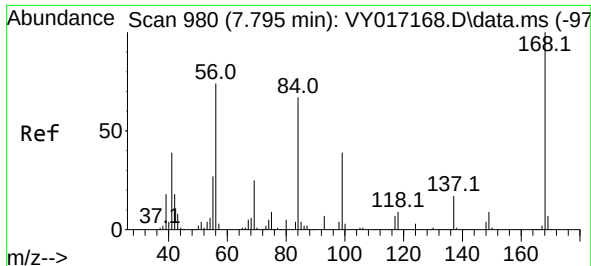
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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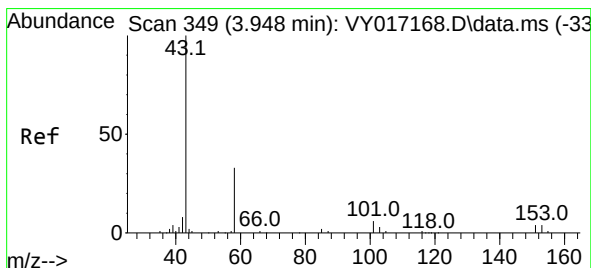
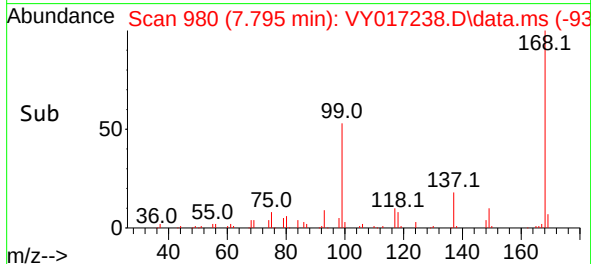
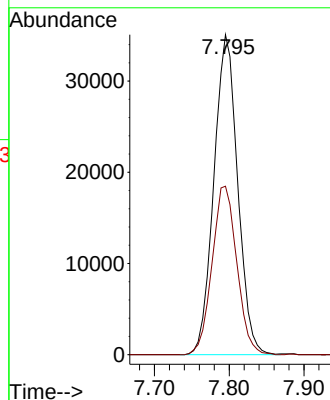
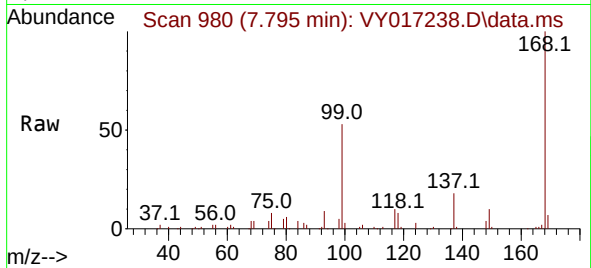




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY017238.D
Acq: 05 Feb 2024 18:48

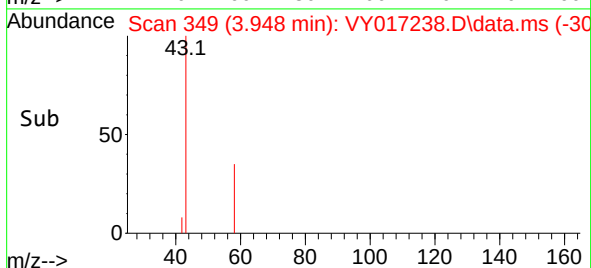
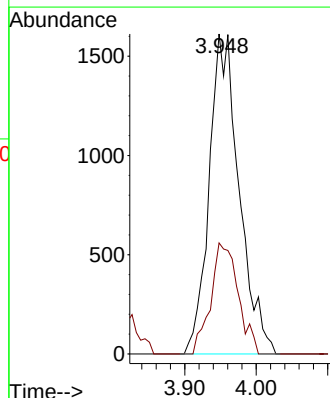
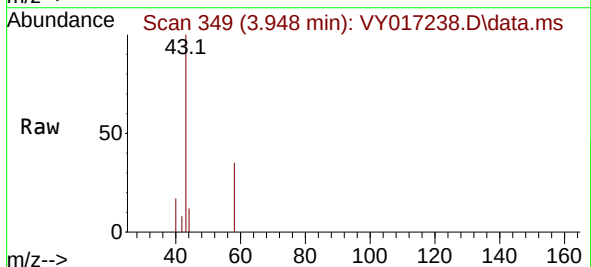
Instrument :
MSVOA_Y
ClientSampleId :
EB-4-6-8

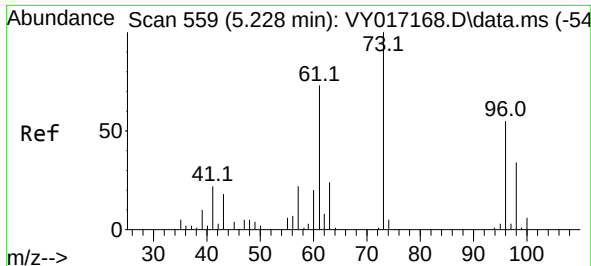
Tgt Ion:168 Resp: 77742
Ion Ratio Lower Upper
168 100
99 52.7 44.2 66.4



#16
Acetone
Concen: 23.016 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY017238.D
Acq: 05 Feb 2024 18:48

Tgt Ion: 43 Resp: 4698
Ion Ratio Lower Upper
43 100
58 34.7 26.6 39.8





#19

Methyl tert-butyl Ether

Concen: 1.226 ug/l

RT: 5.216 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY017238.D

Acq: 05 Feb 2024 18:48

Instrument :

MSVOA_Y

ClientSampleId :

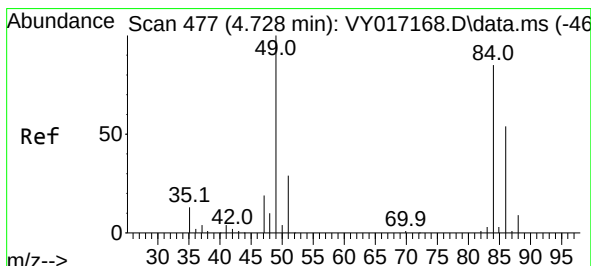
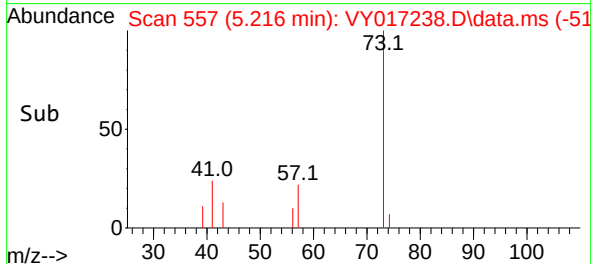
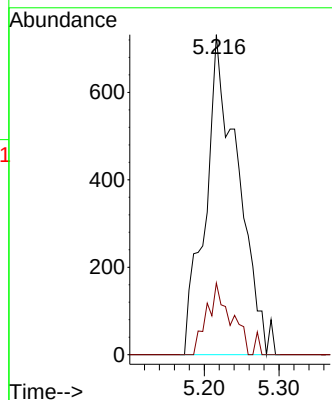
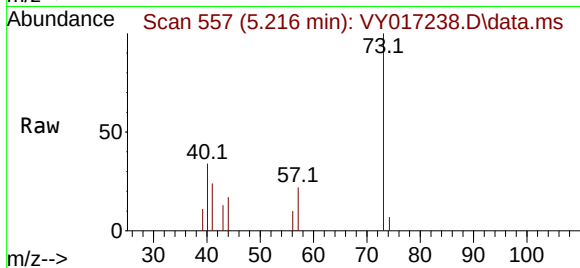
EB-4-6-8

Tgt Ion: 73 Resp: 2225

Ion Ratio Lower Upper

73 100

57 22.4 17.7 26.5



#20

Methylene Chloride

Concen: 7.318 ug/l

RT: 4.716 min Scan# 475

Delta R.T. -0.012 min

Lab File: VY017238.D

Acq: 05 Feb 2024 18:48

Tgt Ion: 84 Resp: 8618

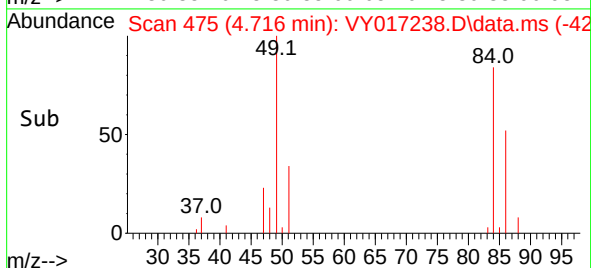
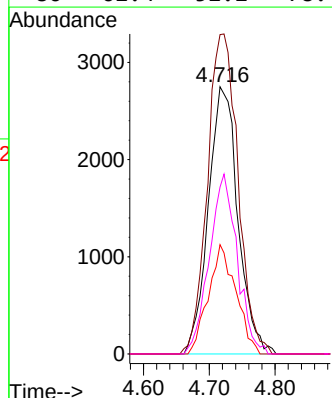
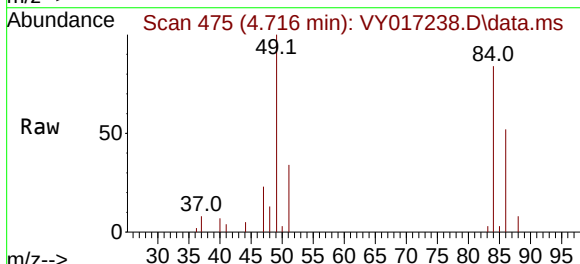
Ion Ratio Lower Upper

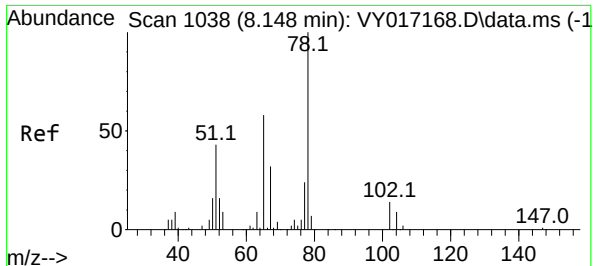
84 100

49 119.5 95.2 142.8

51 40.9 29.9 44.9

86 62.4 52.2 78.4





#33

1,2-Dichloroethane-d4

Concen: 54.881 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY017238.D

Acq: 05 Feb 2024 18:48

Instrument :

MSVOA_Y

ClientSampleId :

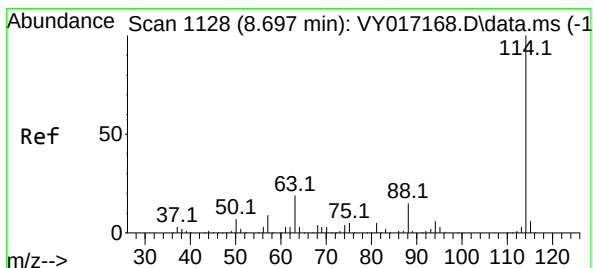
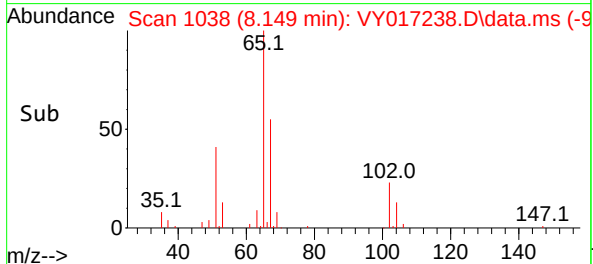
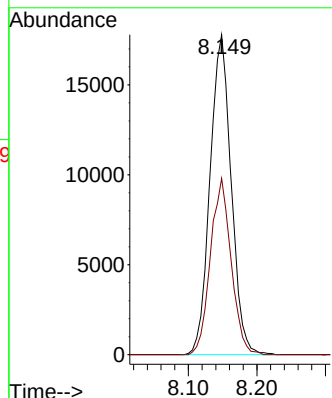
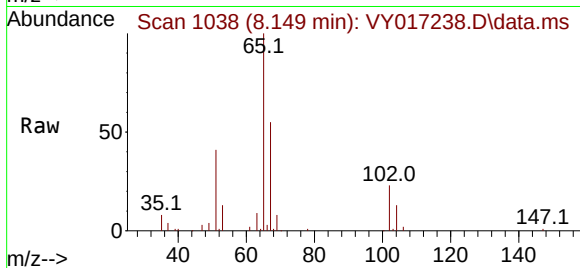
EB-4-6-8

Tgt Ion: 65 Resp: 38115

Ion Ratio Lower Upper

65 100

67 54.0 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY017238.D

Acq: 05 Feb 2024 18:48

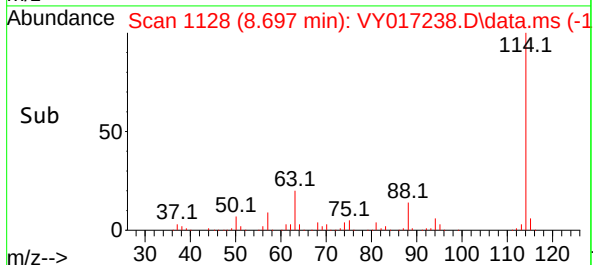
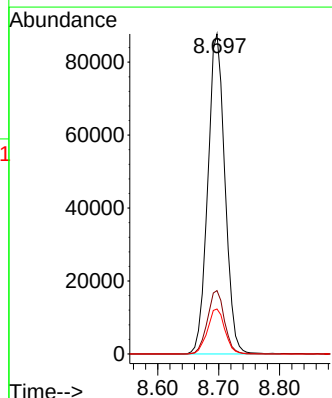
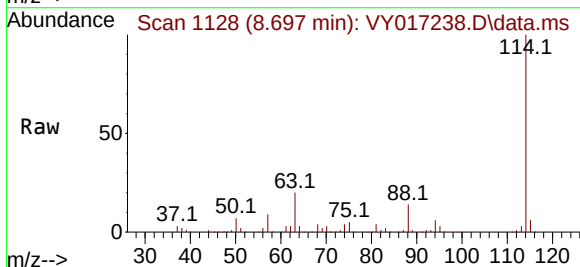
Tgt Ion: 114 Resp: 171268

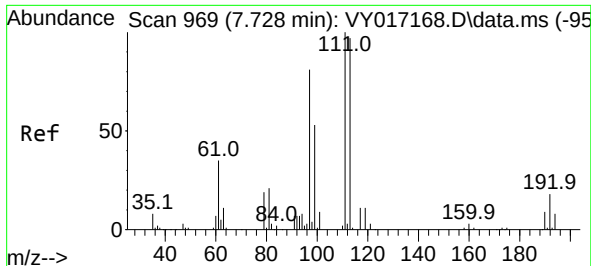
Ion Ratio Lower Upper

114 100

63 19.8 0.0 37.4

88 14.0 0.0 29.0

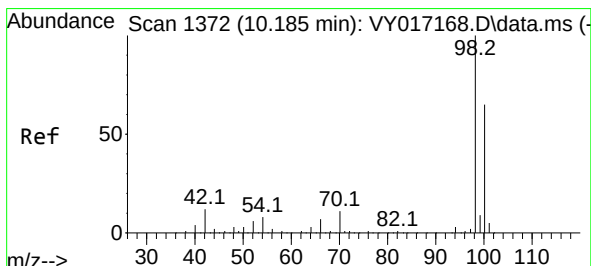
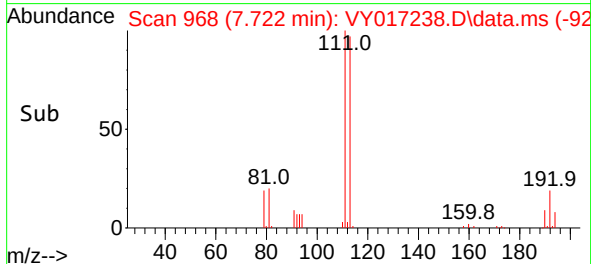
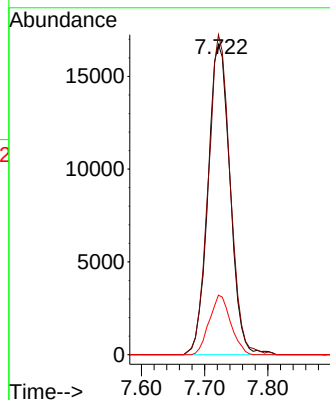
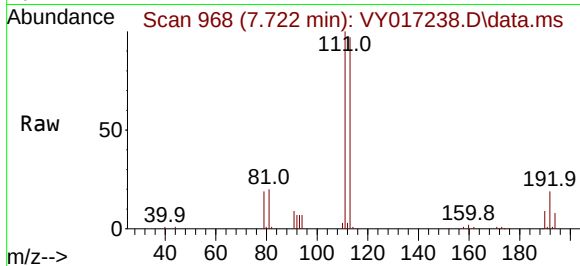




#35
Dibromofluoromethane
Concen: 43.860 ug/l
RT: 7.722 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY017238.D
Acq: 05 Feb 2024 18:48

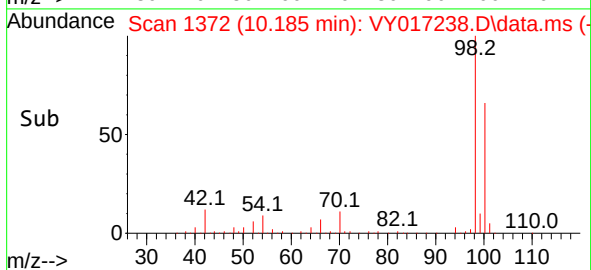
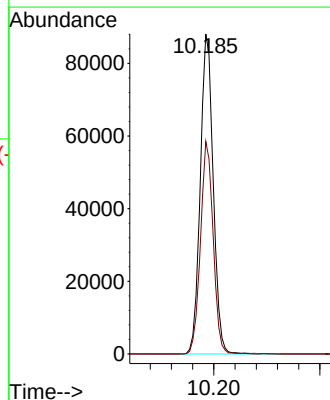
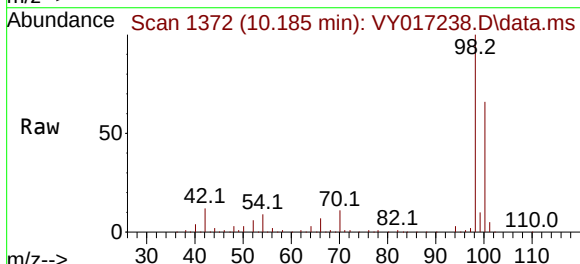
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EB-4-6-8

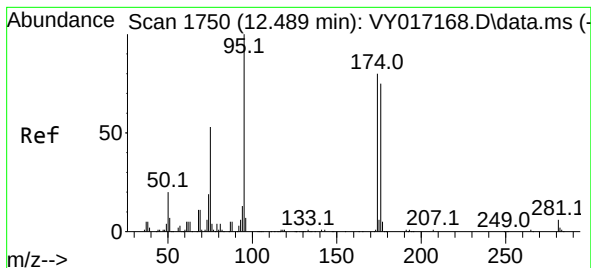
Tgt Ion:113 Resp: 40559
Ion Ratio Lower Upper
113 100
111 102.1 83.8 125.6
192 18.6 14.5 21.7



#50
Toluene-d8
Concen: 44.349 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017238.D
Acq: 05 Feb 2024 18:48

Tgt Ion: 98 Resp: 149318
Ion Ratio Lower Upper
98 100
100 65.0 52.3 78.5

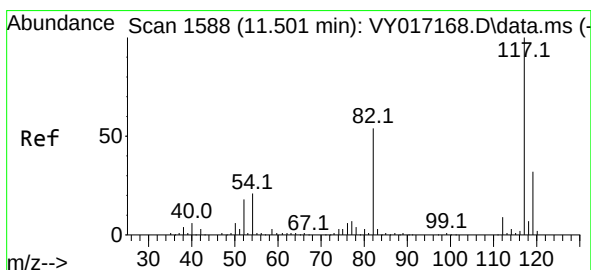
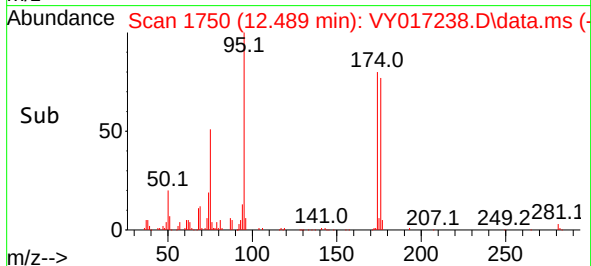
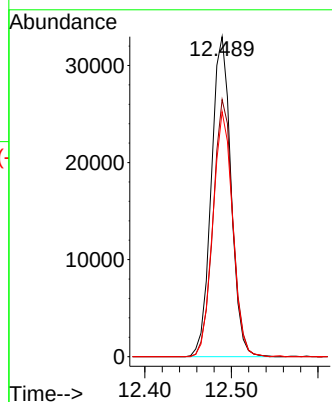
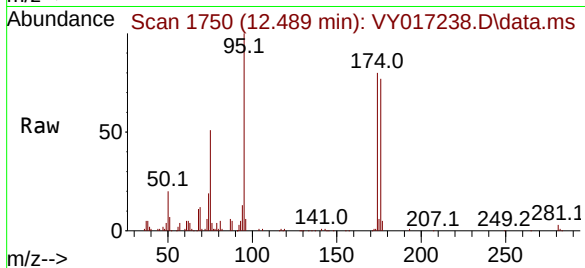




#62
4-Bromofluorobenzene
Concen: 47.063 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017238.D
Acq: 05 Feb 2024 18:48

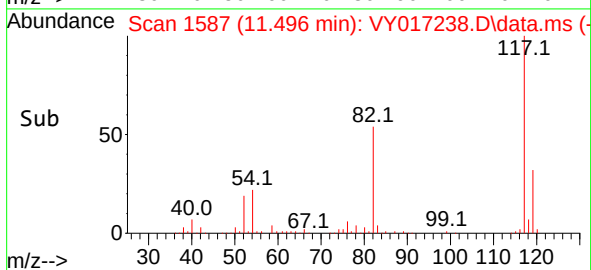
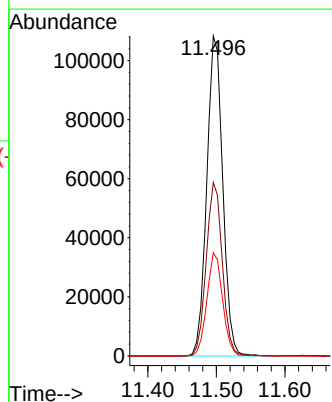
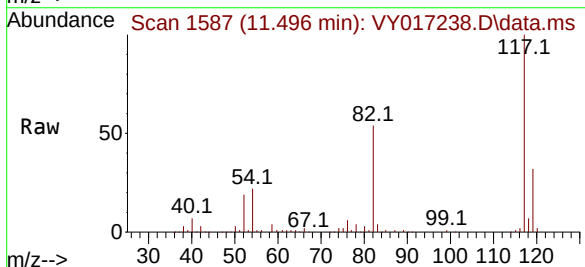
Instrument :
MSVOA_Y
ClientSampleId :
EB-4-6-8

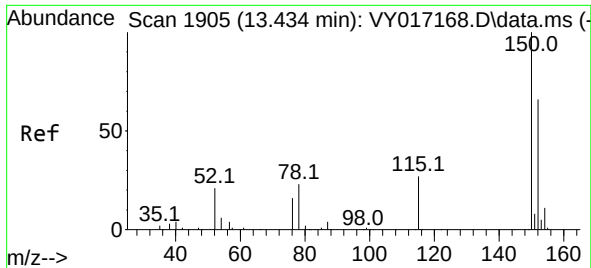
Tgt Ion:	95	Resp:	51907
Ion	Ratio	Lower	Upper
95	100		
174	80.5	0.0	160.0
176	77.4	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY017238.D
Acq: 05 Feb 2024 18:48

Tgt Ion:	117	Resp:	175604
Ion	Ratio	Lower	Upper
117	100		
82	54.2	43.8	65.8
119	32.3	26.5	39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY017238.D

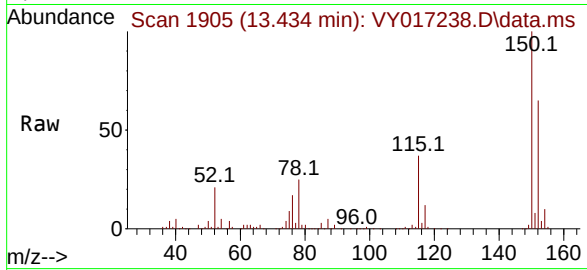
Acq: 05 Feb 2024 18:48

Instrument :

MSVOA_Y

ClientSampleId :

EB-4-6-8



Tgt Ion:152 Resp: 71134

Ion Ratio Lower Upper

152 100

115 59.1 30.0 90.0

150 159.3 0.0 344.6

