

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020524\
 Data File : VY017227.D
 Acq On : 05 Feb 2024 14:30
 Operator : SY/MD
 Sample : P1367-13
 Misc : 5.32g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EB-5-6-8

Quant Time: Feb 06 00:59:48 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)

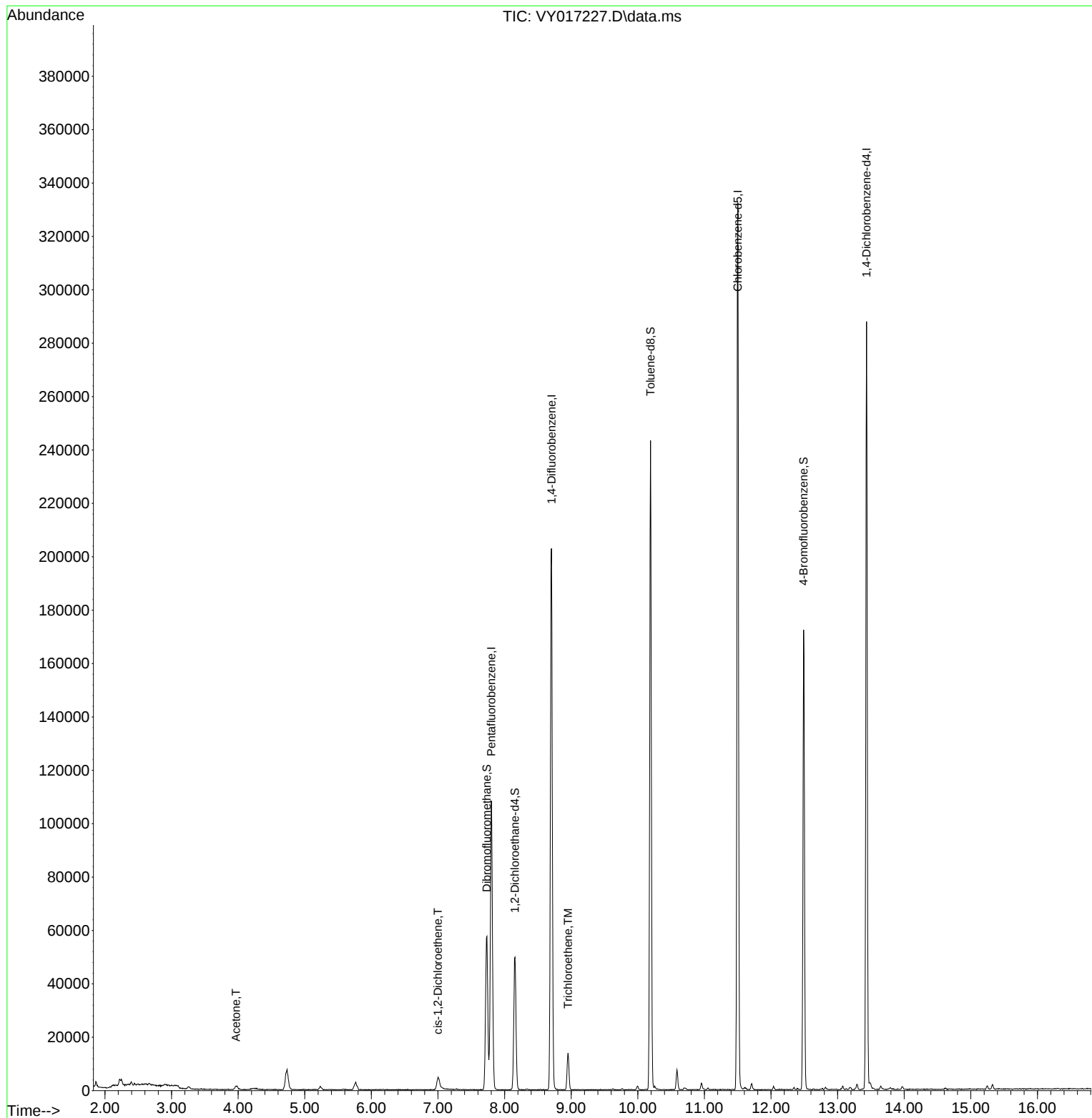
Internal Standards						
1) Pentafluorobenzene	7.801	168	82703	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	176040	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	180598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	71541	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	38934	52.698	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.400%
35) Dibromofluoromethane	7.734	113	42099	44.291	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.580%
50) Toluene-d8	10.191	98	155405	44.906	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.820%
62) 4-Bromofluorobenzene	12.489	95	53457	47.154	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.300%
Target Compounds						
					Qvalue	
16) Acetone	3.966	43	2859	13.166	ug/l	98
27) cis-1,2-Dichloroethene	6.996	96	1397	1.370	ug/l	98
44) Trichloroethene	8.953	130	5021	4.225	ug/l	91

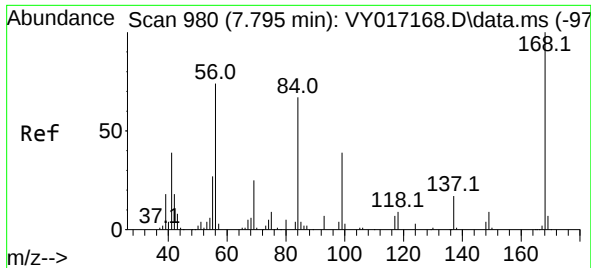
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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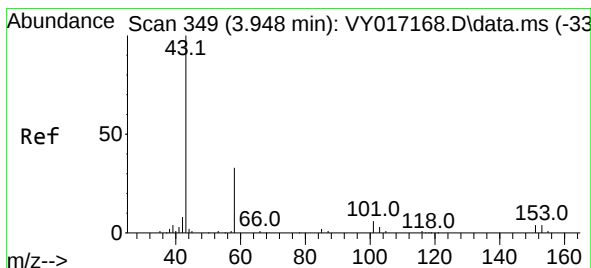
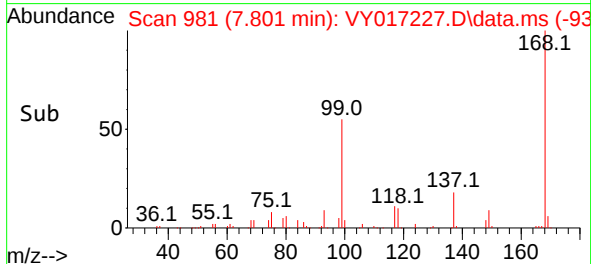
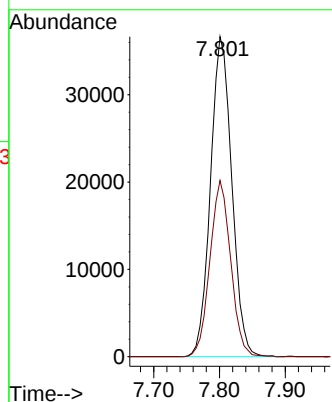
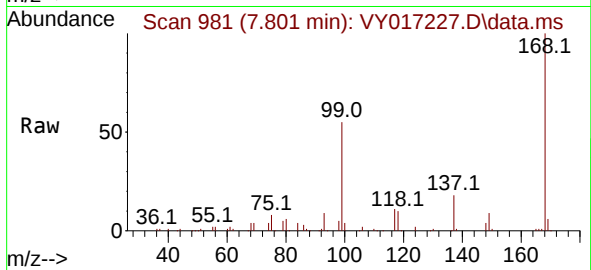




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017227.D
Acq: 05 Feb 2024 14:30

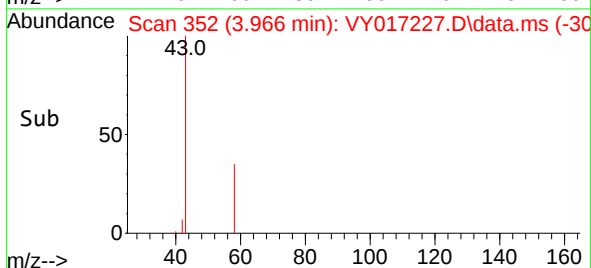
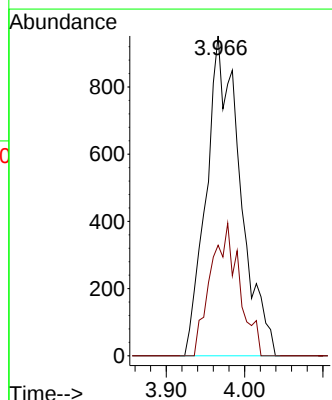
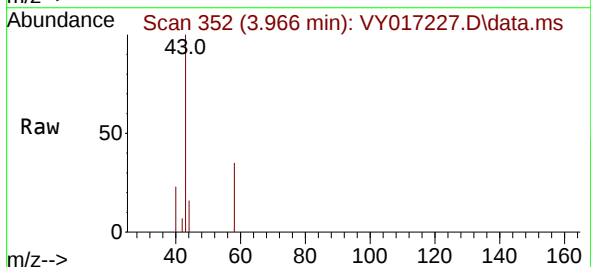
Instrument :
MSVOA_Y
ClientSampleId :
EB-5-6-8

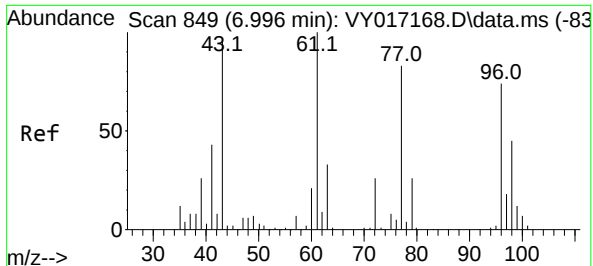
Tgt Ion:168 Resp: 82703
Ion Ratio Lower Upper
168 100
99 55.0 44.2 66.4



#16
Acetone
Concen: 13.166 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.018 min
Lab File: VY017227.D
Acq: 05 Feb 2024 14:30

Tgt Ion: 43 Resp: 2859
Ion Ratio Lower Upper
43 100
58 34.6 26.6 39.8

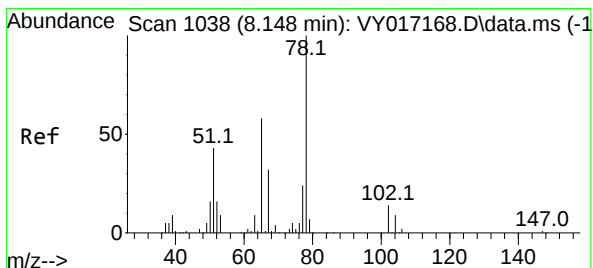
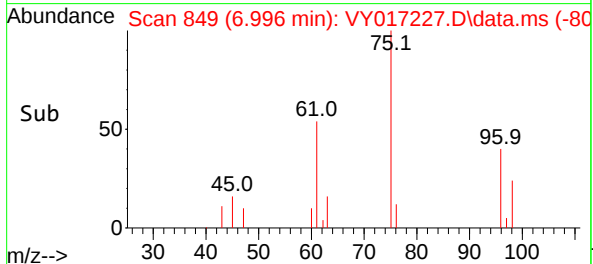
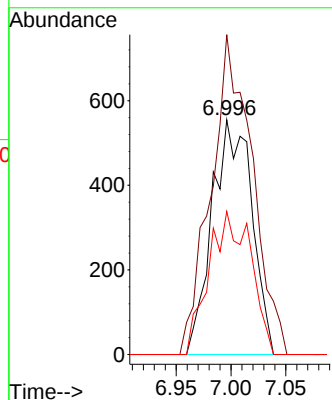
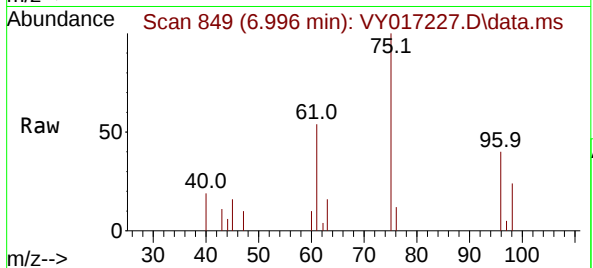




#27
 cis-1,2-Dichloroethene
 Concen: 1.370 ug/l
 RT: 6.996 min Scan# 849
 Delta R.T. 0.000 min
 Lab File: VY017227.D
 Acq: 05 Feb 2024 14:30

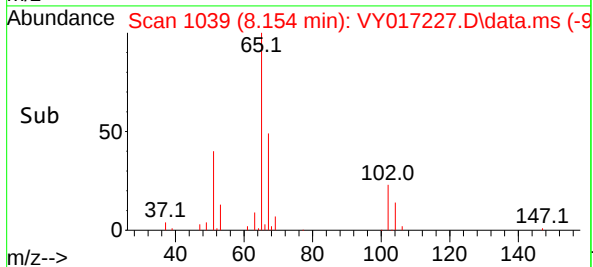
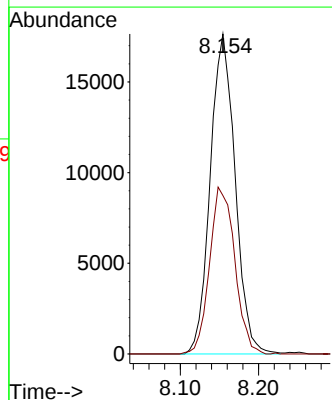
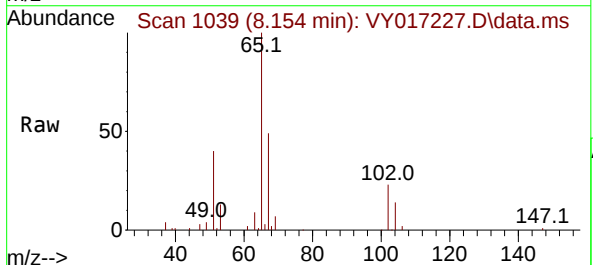
Instrument :
 MSVOA_Y
 ClientSampleId :
 EB-5-6-8

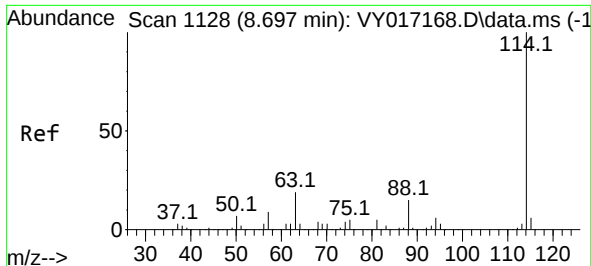
Tgt Ion: 96 Resp: 1397
 Ion Ratio Lower Upper
 96 100
 61 141.4 0.0 278.8
 98 64.4 0.0 127.0



#33
 1,2-Dichloroethane-d4
 Concen: 52.698 ug/l
 RT: 8.154 min Scan# 1039
 Delta R.T. 0.006 min
 Lab File: VY017227.D
 Acq: 05 Feb 2024 14:30

Tgt Ion: 65 Resp: 38934
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY017227.D

Acq: 05 Feb 2024 14:30

Instrument :

MSVOA_Y

ClientSampleId :

EB-5-6-8

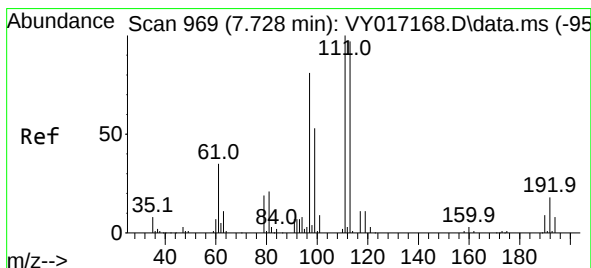
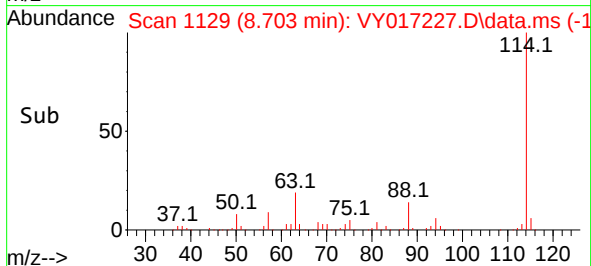
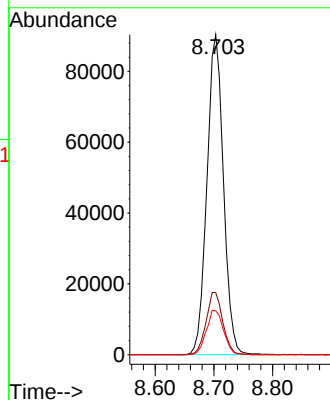
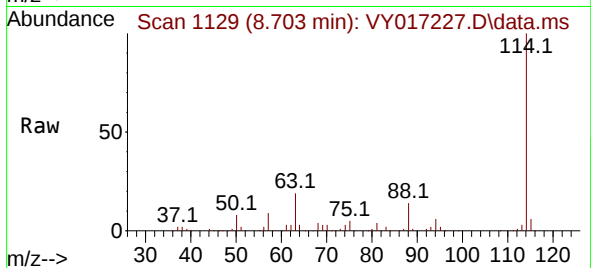
Tgt Ion:114 Resp: 176040

Ion Ratio Lower Upper

114 100

63 19.4 0.0 37.4

88 13.7 0.0 29.0



#35

Dibromofluoromethane

Concen: 44.291 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.006 min

Lab File: VY017227.D

Acq: 05 Feb 2024 14:30

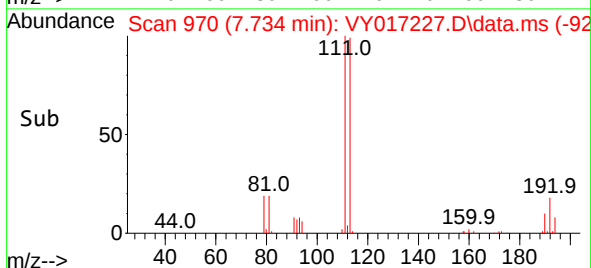
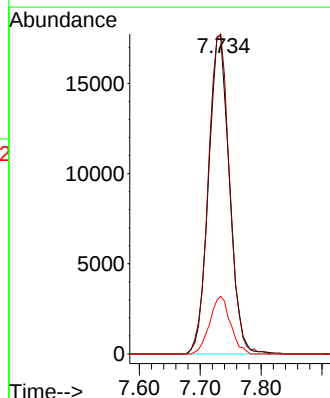
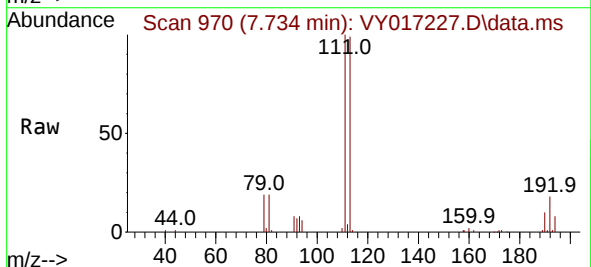
Tgt Ion:113 Resp: 42099

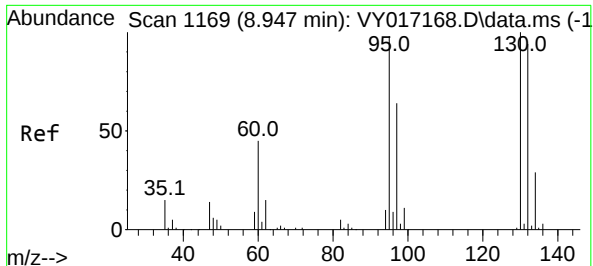
Ion Ratio Lower Upper

113 100

111 101.7 83.8 125.6

192 17.9 14.5 21.7

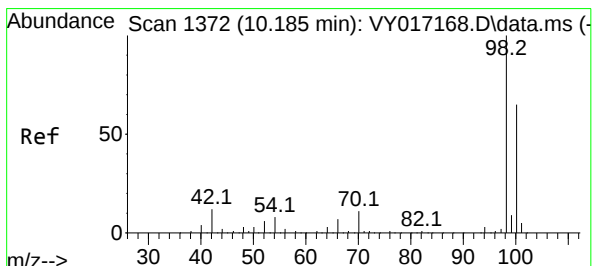
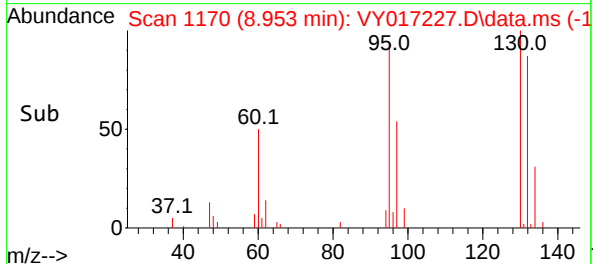
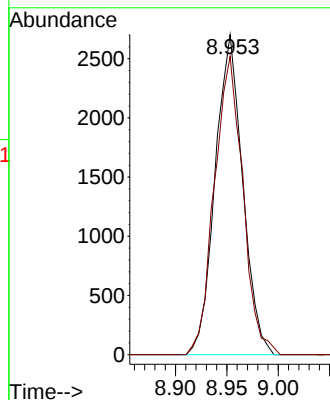
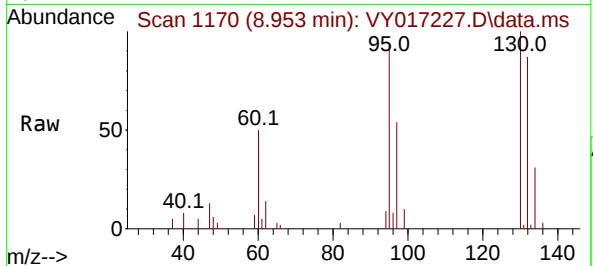




#44
Trichloroethene
Concen: 4.225 ug/l
RT: 8.953 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VY017227.D
Acq: 05 Feb 2024 14:30

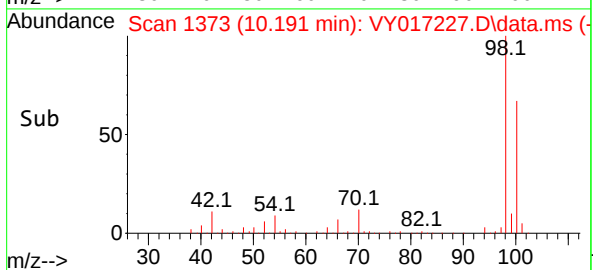
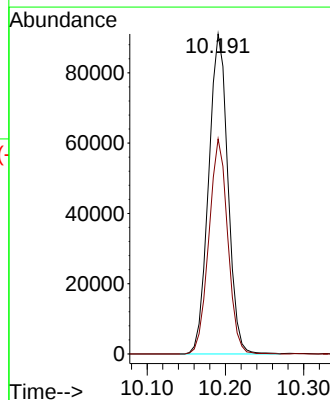
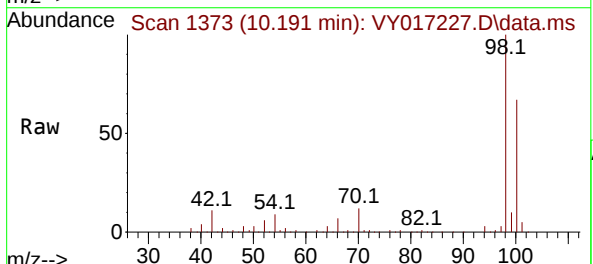
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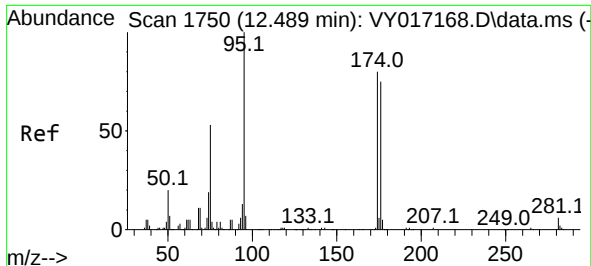
Tgt Ion:130 Resp: 5021
Ion Ratio Lower Upper
130 100
95 93.2 0.0 203.8



#50
Toluene-d8
Concen: 44.906 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.006 min
Lab File: VY017227.D
Acq: 05 Feb 2024 14:30

Tgt Ion: 98 Resp: 155405
Ion Ratio Lower Upper
98 100
100 65.7 52.3 78.5

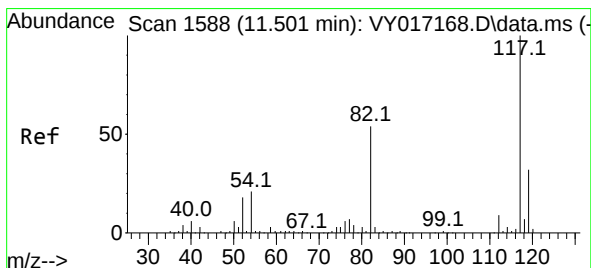
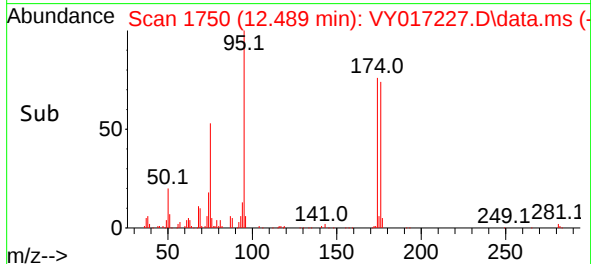
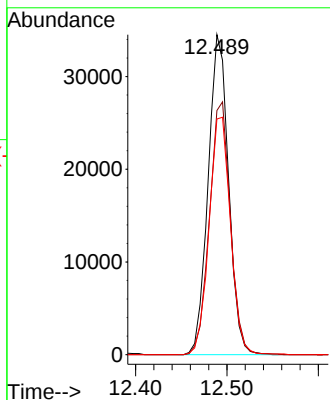
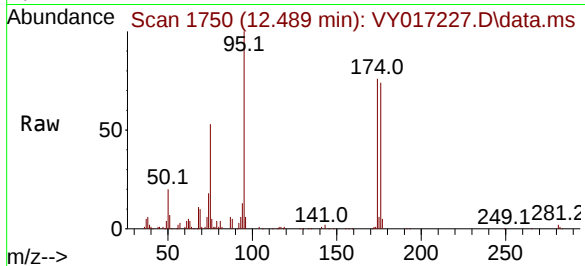




#62
4-Bromofluorobenzene
Concen: 47.154 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017227.D
Acq: 05 Feb 2024 14:30

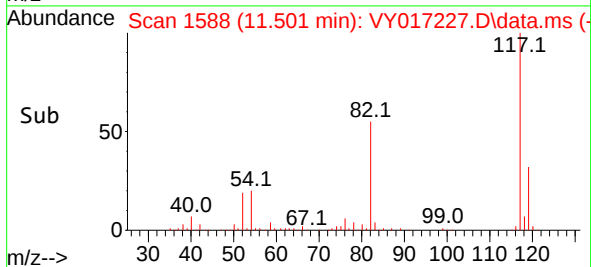
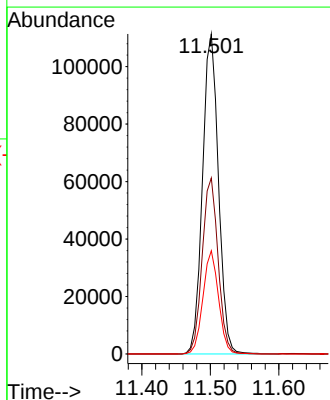
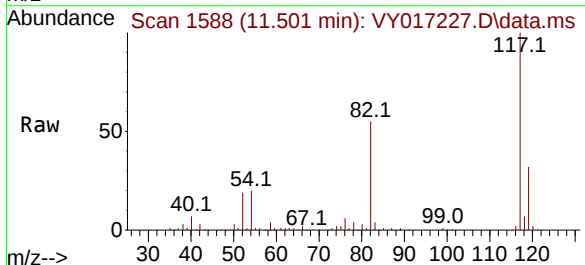
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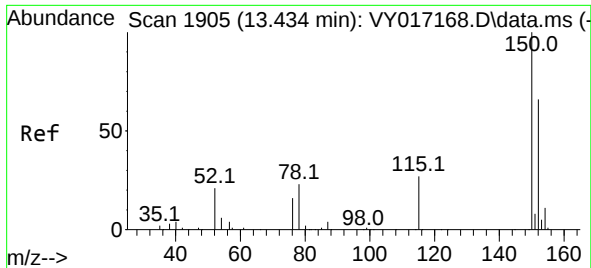
Tgt Ion:	95	Resp:	53457
Ion	Ratio	Lower	Upper
95	100		
174	81.2	0.0	160.0
176	77.9	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.501 min Scan# 1588
Delta R.T. 0.000 min
Lab File: VY017227.D
Acq: 05 Feb 2024 14:30

Tgt Ion:	117	Resp:	180598
Ion	Ratio	Lower	Upper
117	100		
82	55.0	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: VY017227.D

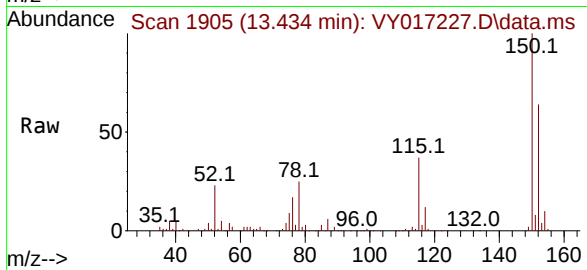
Acq: 05 Feb 2024 14:30

Instrument :

MSVOA_Y

ClientSampleId :

EB-5-6-8



Tgt Ion:152 Resp: 71541

Ion Ratio Lower Upper

152 100

115 58.0 30.0 90.0

150 158.6 0.0 344.6

