

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020524\
 Data File : VY017229.D
 Acq On : 05 Feb 2024 15:17
 Operator : SY/MD
 Sample : P1367-09
 Misc : 5.82g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EB-7-5-7D

Quant Time: Feb 06 01:00:40 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)

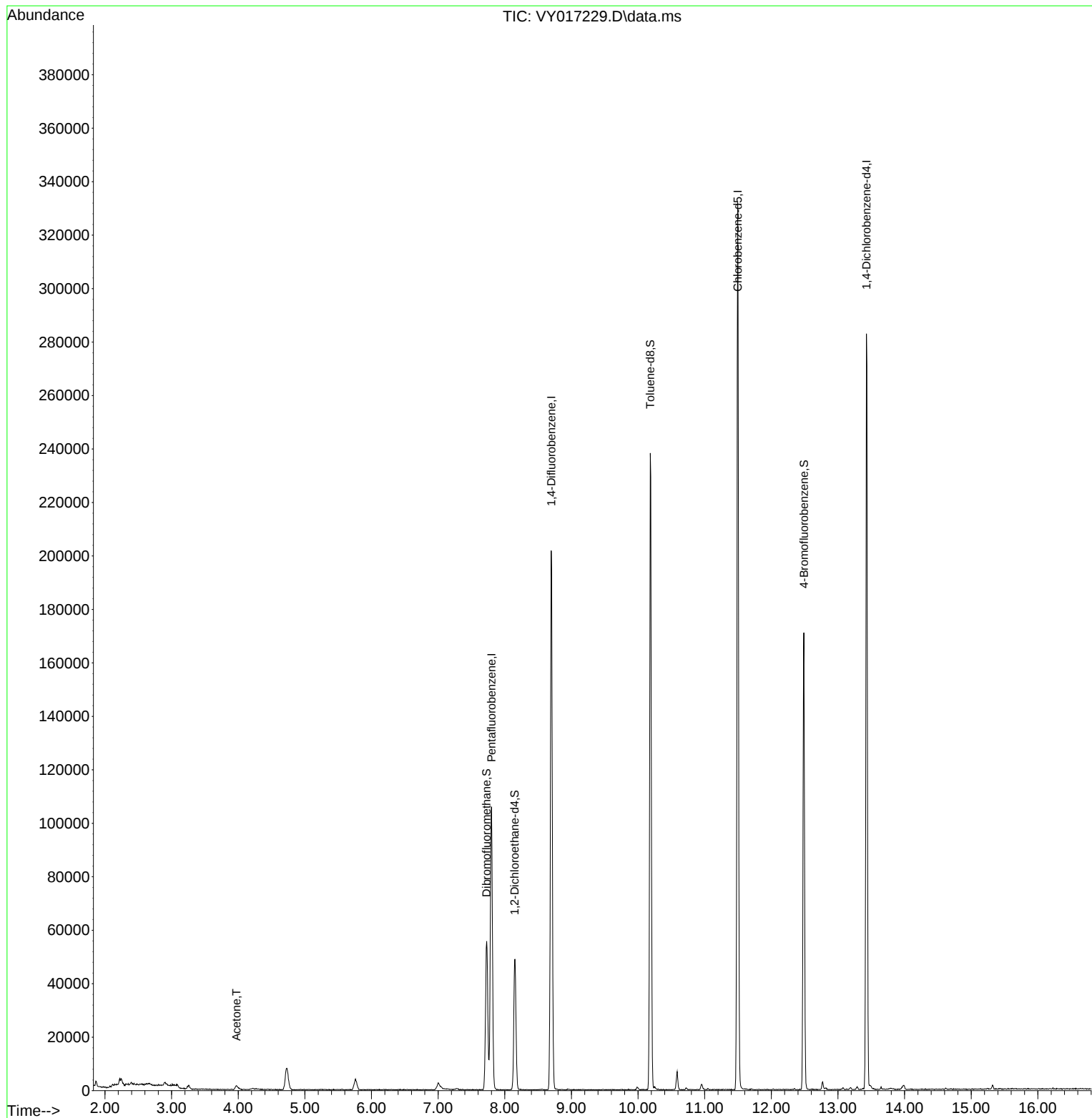
Internal Standards						
1) Pentafluorobenzene	7.801	168	80152	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	173739	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	178644	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	70984	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	37464	52.322	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.640%
35) Dibromofluoromethane	7.728	113	40941	43.643	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.280%
50) Toluene-d8	10.185	98	155256	45.457	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.920%
62) 4-Bromofluorobenzene	12.489	95	51670	46.181	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.360%
Target Compounds						
16) Acetone	3.973	43	2961	14.070	ug/l	Qvalue 100

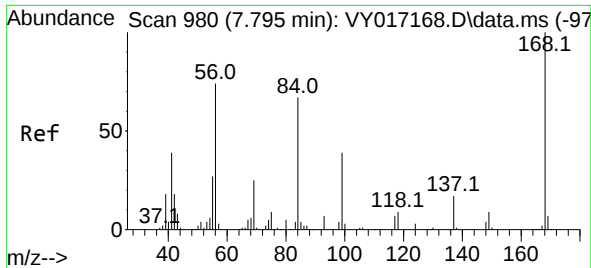
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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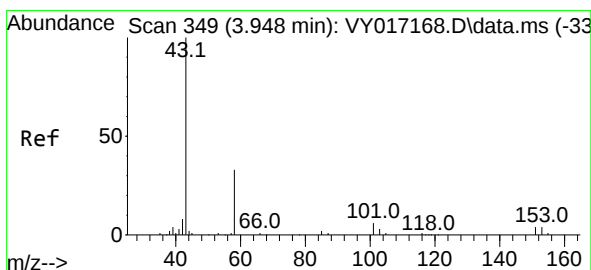
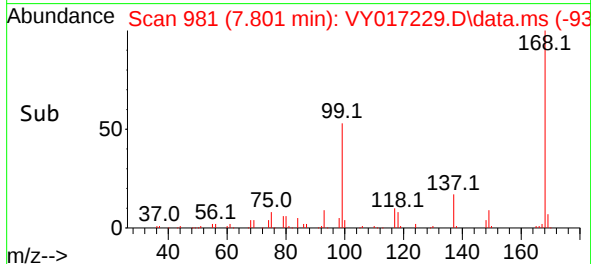
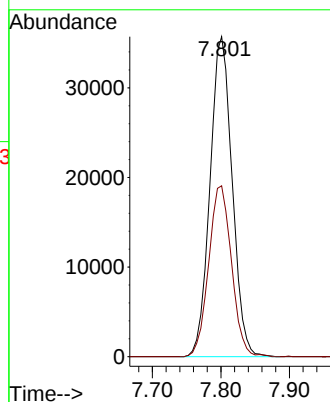
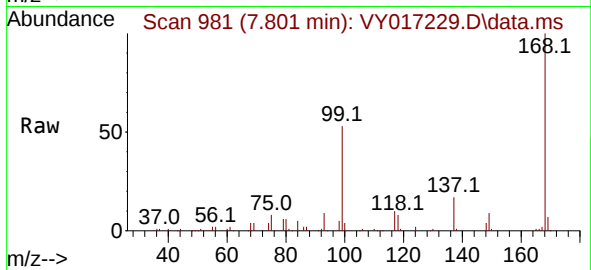




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017229.D
Acq: 05 Feb 2024 15:17

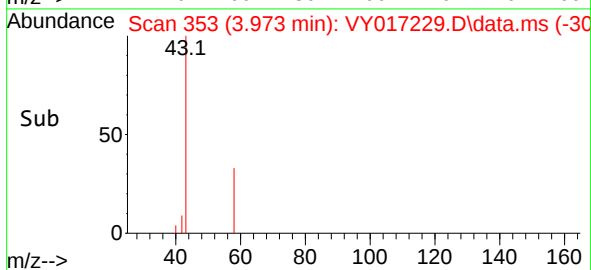
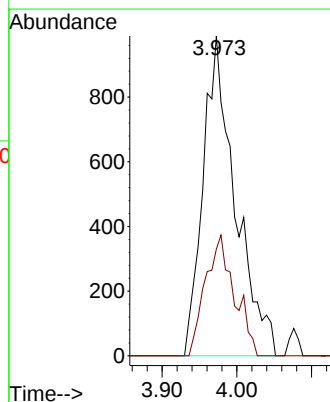
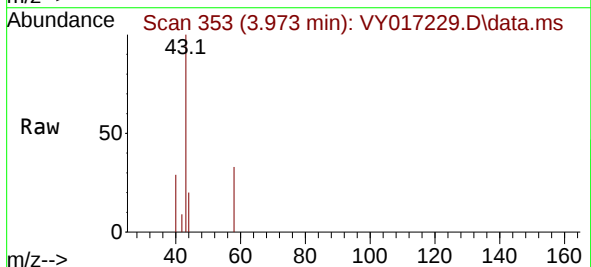
Instrument :
MSVOA_Y
ClientSampleId :
EB-7-5-7D

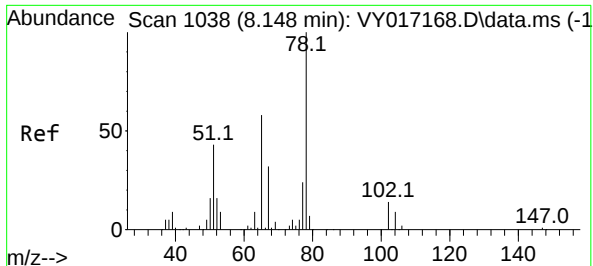
Tgt Ion:168 Resp: 80152
Ion Ratio Lower Upper
168 100
99 53.4 44.2 66.4



#16
Acetone
Concen: 14.070 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.025 min
Lab File: VY017229.D
Acq: 05 Feb 2024 15:17

Tgt Ion: 43 Resp: 2961
Ion Ratio Lower Upper
43 100
58 33.4 26.6 39.8





#33

1,2-Dichloroethane-d4

Concen: 52.322 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY017229.D

Acq: 05 Feb 2024 15:17

Instrument :

MSVOA_Y

ClientSampleId :

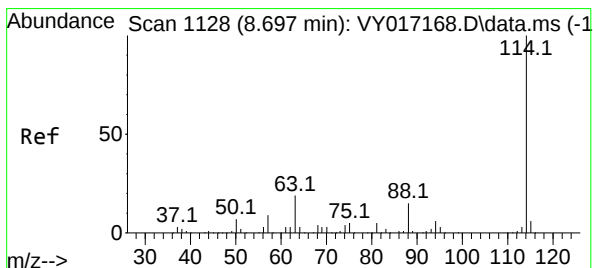
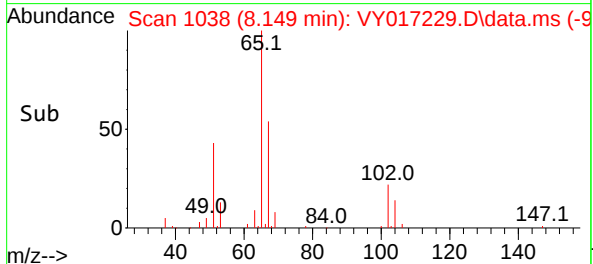
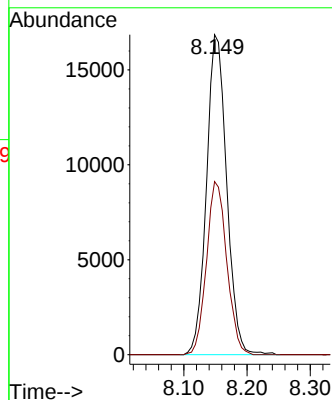
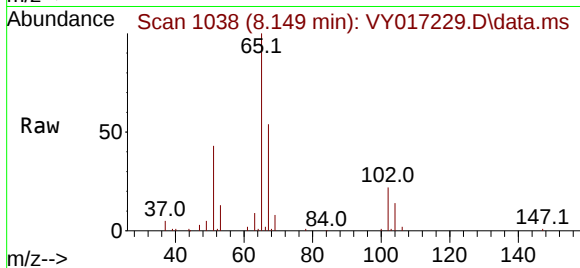
EB-7-5-7D

Tgt Ion: 65 Resp: 37464

Ion Ratio Lower Upper

65 100

67 54.3 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: VY017229.D

Acq: 05 Feb 2024 15:17

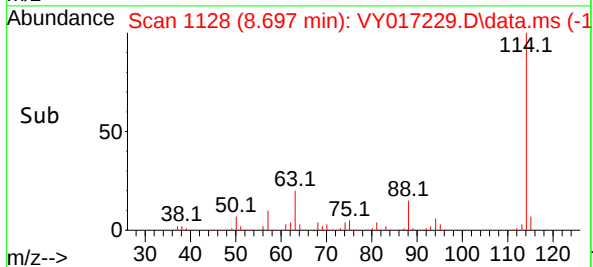
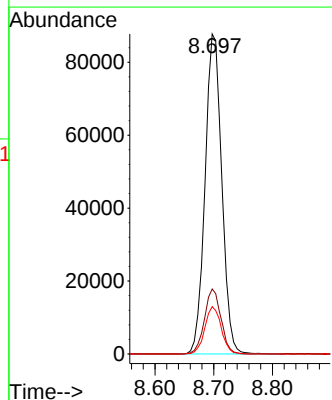
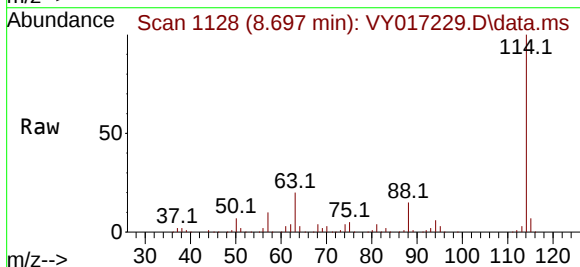
Tgt Ion: 114 Resp: 173739

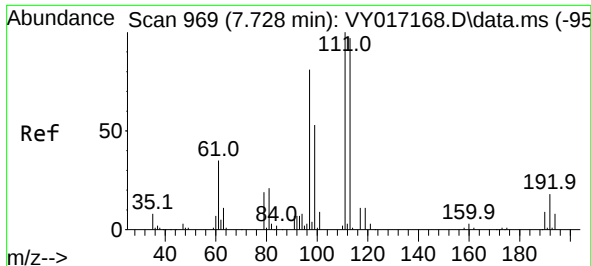
Ion Ratio Lower Upper

114 100

63 20.3 0.0 37.4

88 14.8 0.0 29.0

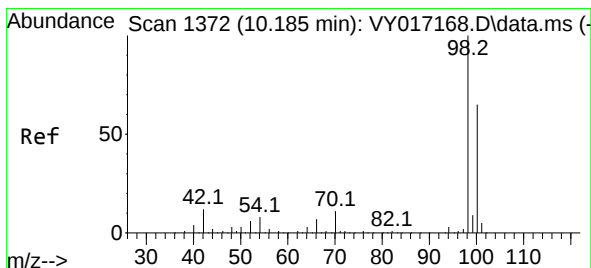
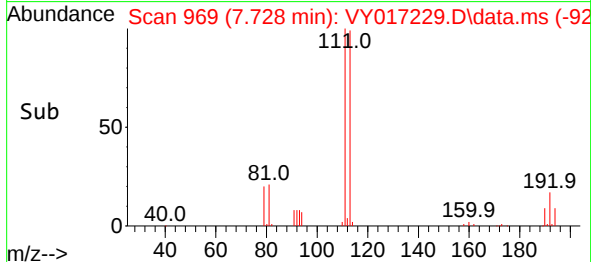
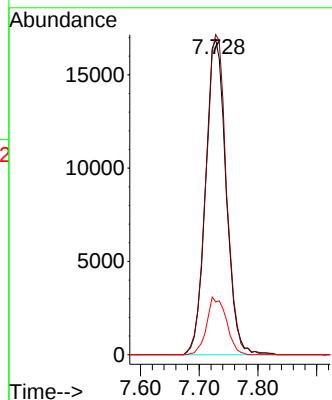
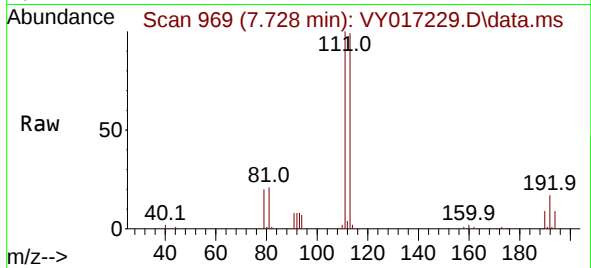




#35
Dibromofluoromethane
Concen: 43.643 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY017229.D
Acq: 05 Feb 2024 15:17

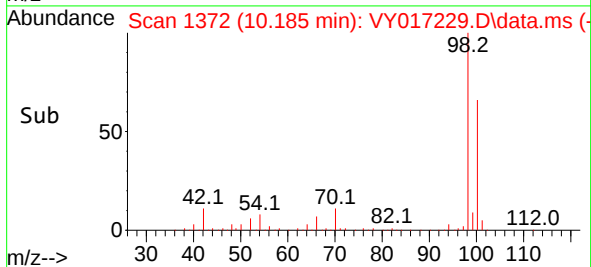
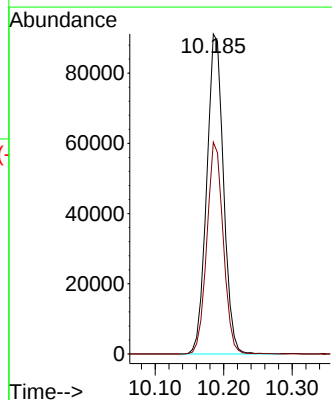
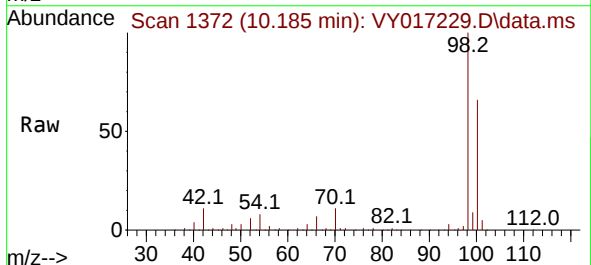
Instrument :
MSVOA_Y
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EB-7-5-7D

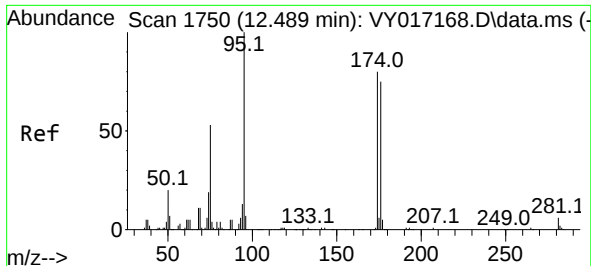
Tgt Ion:113 Resp: 40941
Ion Ratio Lower Upper
113 100
111 102.2 83.8 125.6
192 17.5 14.5 21.7



#50
Toluene-d8
Concen: 45.457 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017229.D
Acq: 05 Feb 2024 15:17

Tgt Ion: 98 Resp: 155256
Ion Ratio Lower Upper
98 100
100 64.5 52.3 78.5

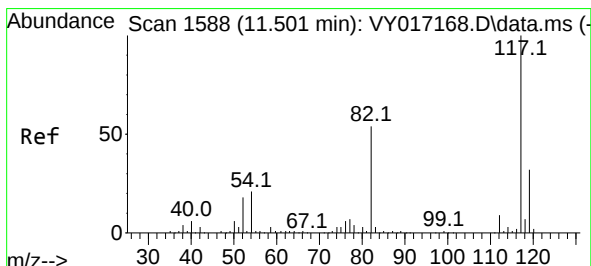
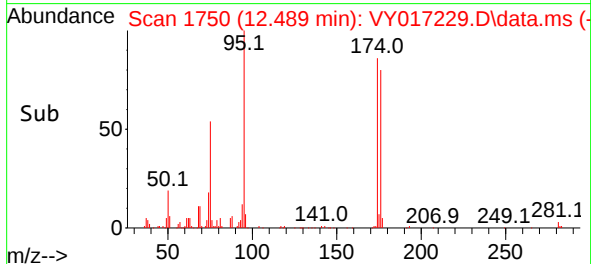
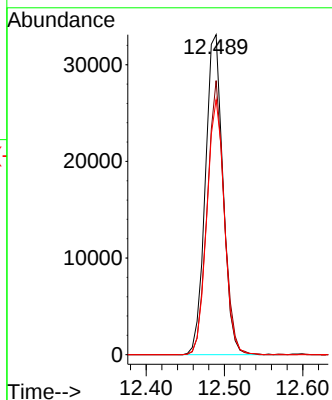
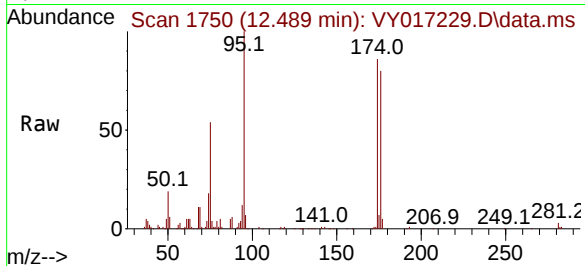




#62
4-Bromofluorobenzene
Concen: 46.181 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017229.D
Acq: 05 Feb 2024 15:17

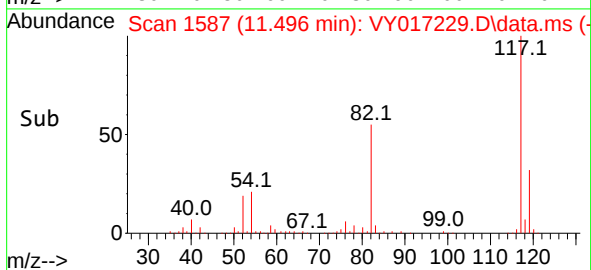
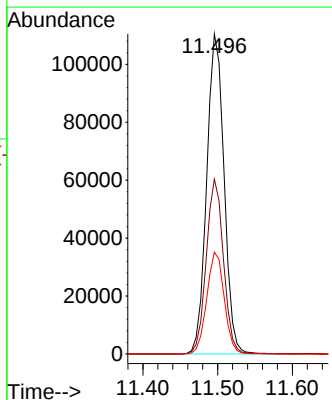
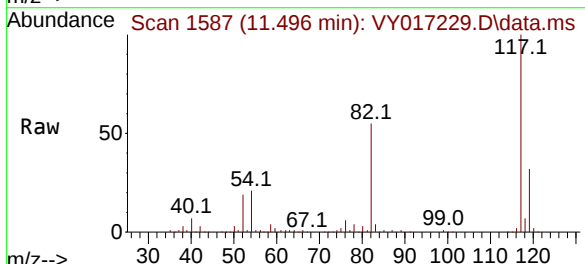
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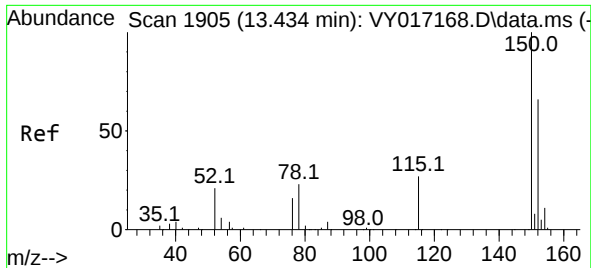
Tgt Ion:	95	Resp:	51670
Ion	Ratio	Lower	Upper
95	100		
174	82.2	0.0	160.0
176	79.3	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY017229.D
Acq: 05 Feb 2024 15:17

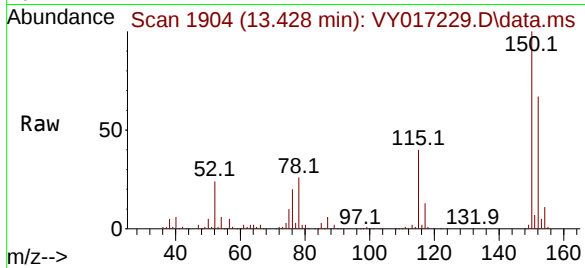
Tgt Ion:	117	Resp:	178644
Ion	Ratio	Lower	Upper
117	100		
82	54.6	43.8	65.8
119	31.8	26.5	39.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.006 min
 Lab File: VY017229.D
 Acq: 05 Feb 2024 15:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 EB-7-5-7D



Tgt Ion:152 Resp: 70984
 Ion Ratio Lower Upper
 152 100
 115 59.6 30.0 90.0
 150 155.6 0.0 344.6

