

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032524\
 Data File : VY017754.D
 Acq On : 25 Mar 2024 16:48
 Operator : SY/MD
 Sample : P1864-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ229-72-11976

Quant Time: Mar 26 03:38:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032224S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 04:03:52 2024
 Response via : Initial Calibration

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

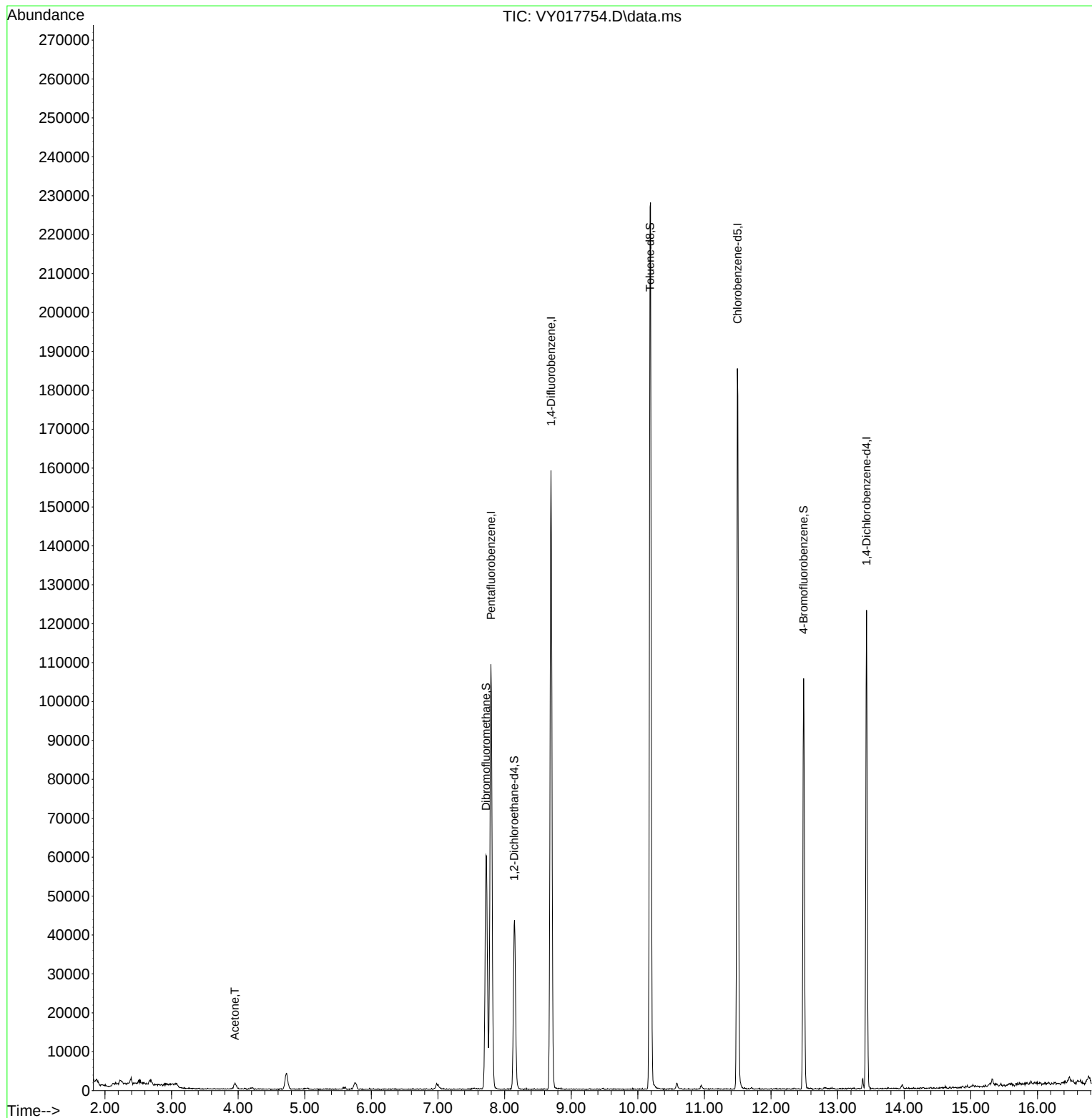
Internal Standards						
1) Pentafluorobenzene	7.795	168	90451	50.000	ug/l	-0.02
34) 1,4-Difluorobenzene	8.697	114	142529	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.495	117	109943	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	32633	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	34288	43.513	ug/l	-0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.020%
35) Dibromofluoromethane	7.722	113	44194	51.872	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.740%
50) Toluene-d8	10.185	98	159808	49.010	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.020%
62) 4-Bromofluorobenzene	12.489	95	32112	32.796	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	65.600%
Target Compounds						
16) Acetone	3.948	43	2817	20.439	ug/l	Qvalue # 77

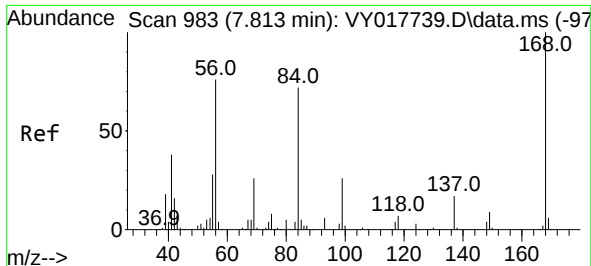
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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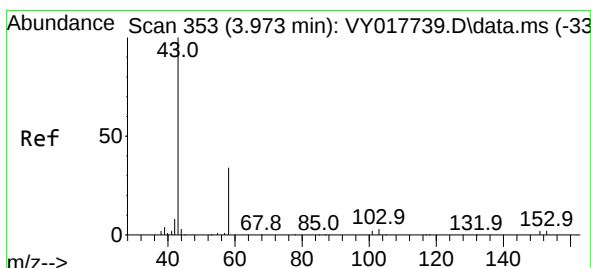
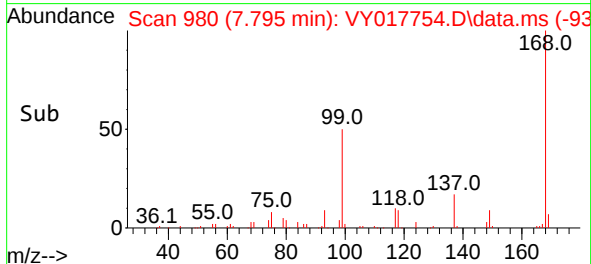
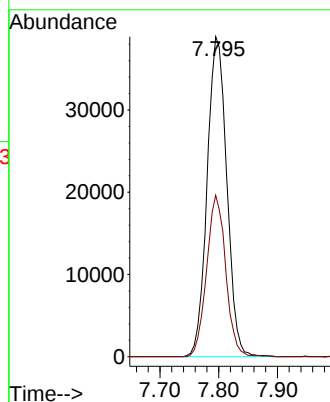
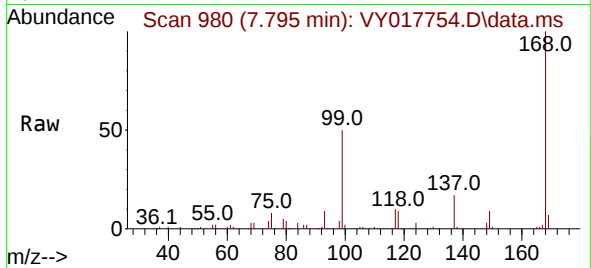




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.018 min
Lab File: VY017754.D
Acq: 25 Mar 2024 16:48

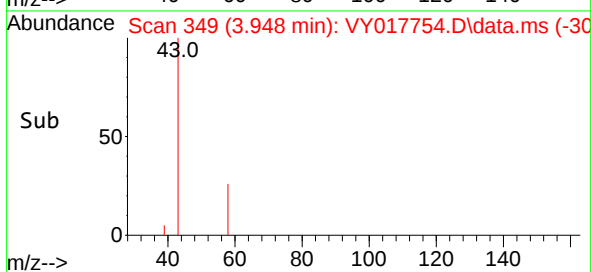
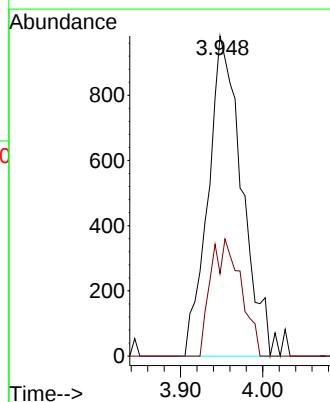
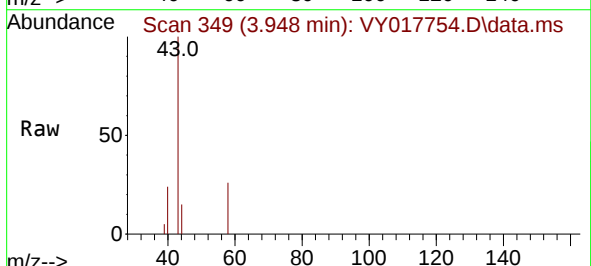
Instrument :
MSVOA_Y
ClientSampleId :
VNJ229-72-11976

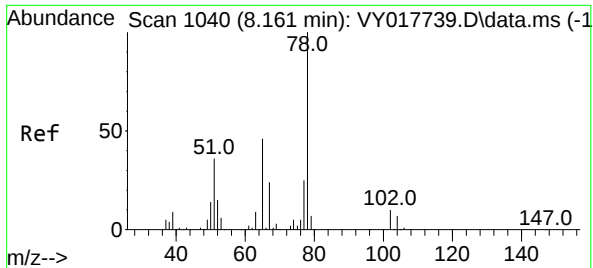
Tgt Ion:168 Resp: 90451
Ion Ratio Lower Upper
168 100
99 50.4 39.1 58.7



#16
Acetone
Concen: 20.439 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.025 min
Lab File: VY017754.D
Acq: 25 Mar 2024 16:48

Tgt Ion: 43 Resp: 2817
Ion Ratio Lower Upper
43 100
58 25.8 31.7 47.5#

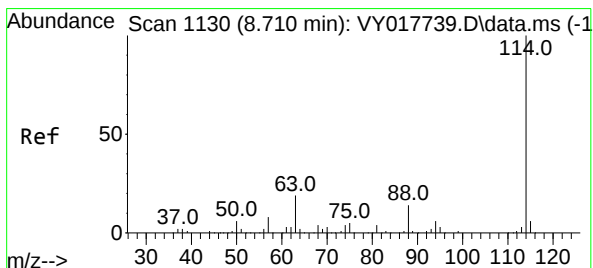
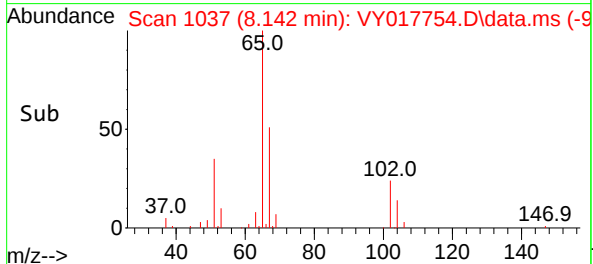
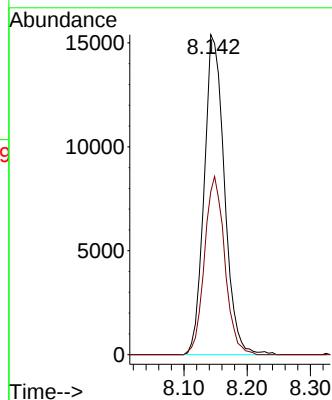
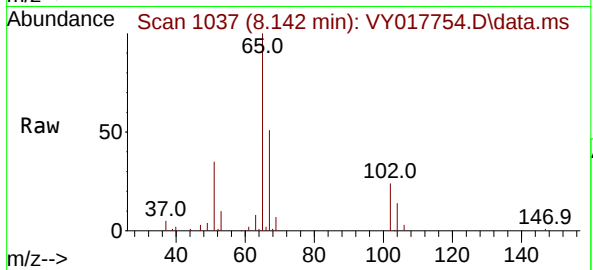




#33
1,2-Dichloroethane-d4
Concen: 43.513 ug/l
RT: 8.142 min Scan# 110
Delta R.T. -0.019 min
Lab File: VY017754.D
Acq: 25 Mar 2024 16:48

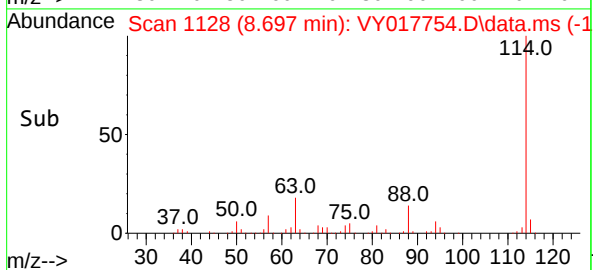
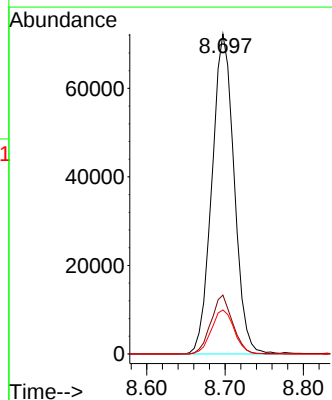
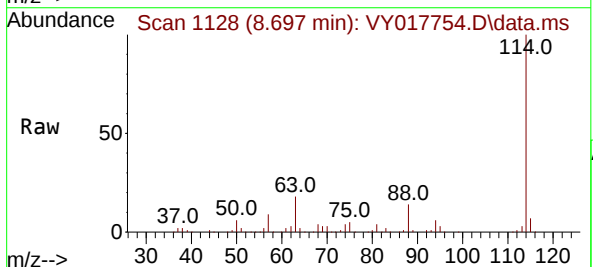
Instrument :
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ClientSampleId :
VNJ229-72-11976

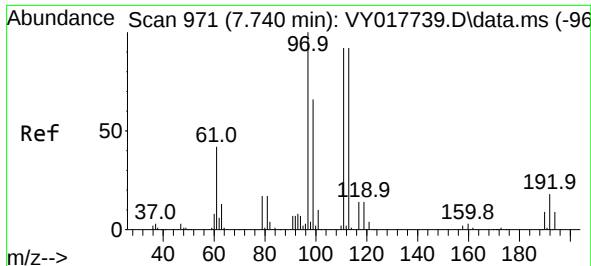
Tgt Ion: 65 Resp: 34288
Ion Ratio Lower Upper
65 100
67 55.7 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.012 min
Lab File: VY017754.D
Acq: 25 Mar 2024 16:48

Tgt Ion:114 Resp: 142529
Ion Ratio Lower Upper
114 100
63 18.4 0.0 35.0
88 13.8 0.0 27.2

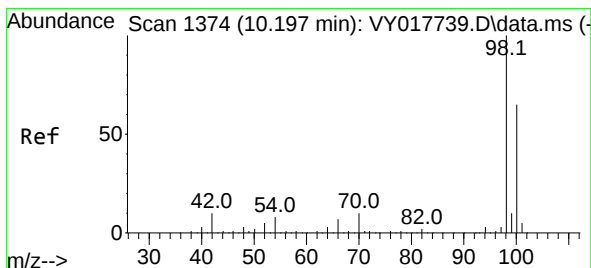
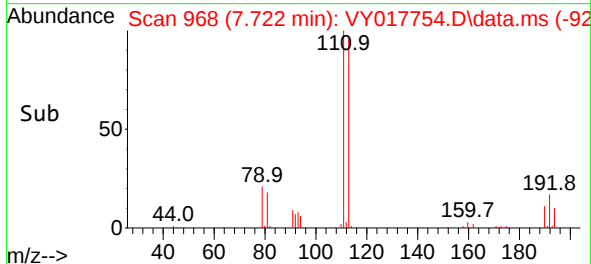
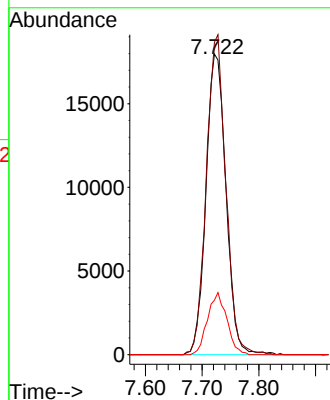
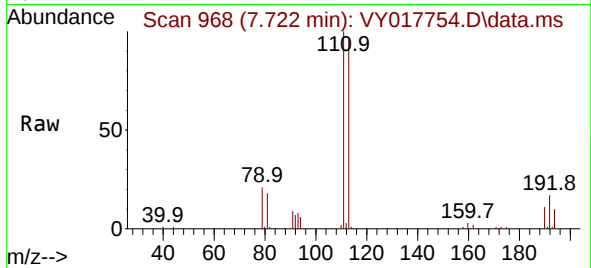




#35
Dibromofluoromethane
Concen: 51.872 ug/l
RT: 7.722 min Scan# 90
Delta R.T. -0.019 min
Lab File: VY017754.D
Acq: 25 Mar 2024 16:48

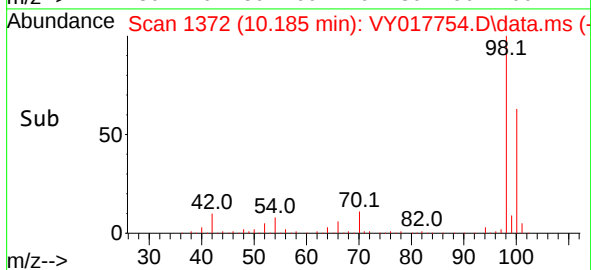
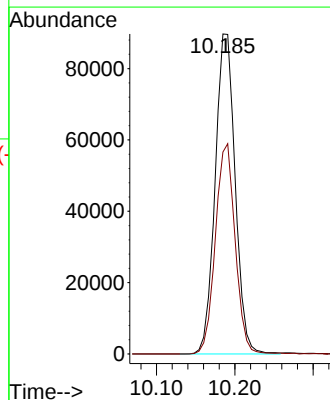
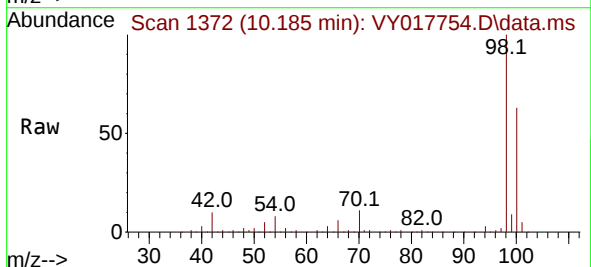
Instrument :
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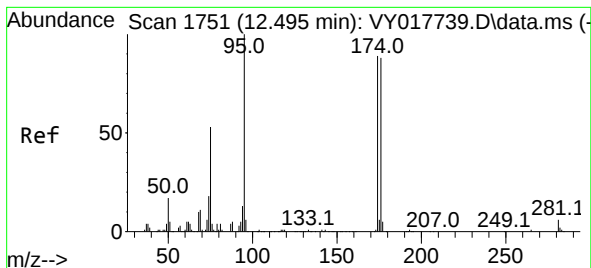
Tgt Ion:113 Resp: 44194
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.4
192 19.9 15.9 23.9



#50
Toluene-d8
Concen: 49.010 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.012 min
Lab File: VY017754.D
Acq: 25 Mar 2024 16:48

Tgt Ion: 98 Resp: 159808
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0

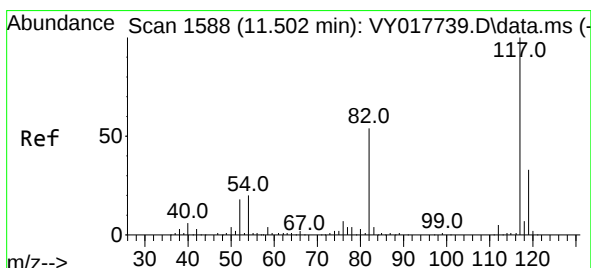
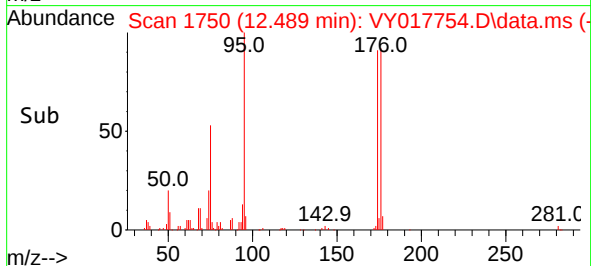
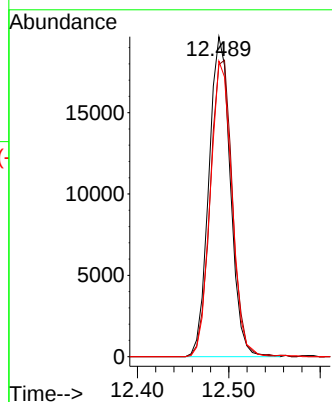
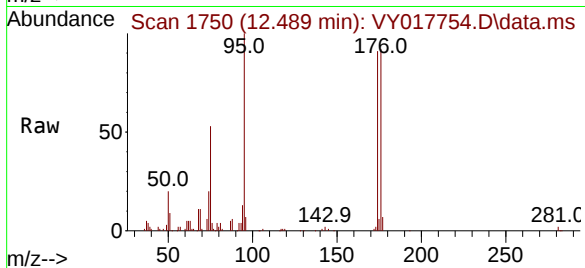




#62
4-Bromofluorobenzene
Concen: 32.796 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.006 min
Lab File: VY017754.D
Acq: 25 Mar 2024 16:48

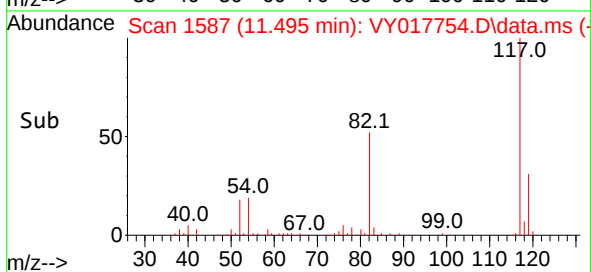
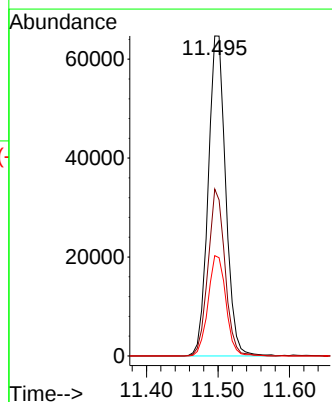
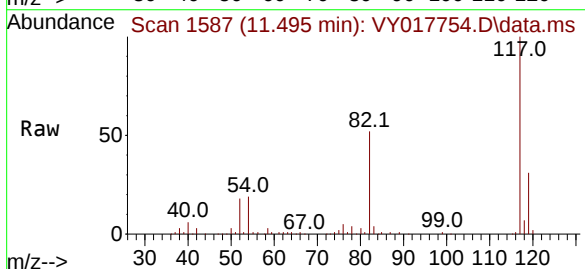
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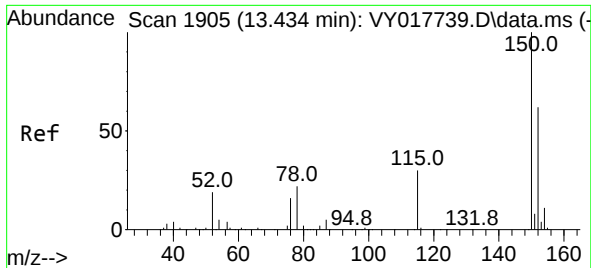
Tgt Ion:	95	Resp:	32112
Ion	Ratio	Lower	Upper
95	100		
174	95.4	0.0	175.6
176	92.7	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY017754.D
Acq: 25 Mar 2024 16:48

Tgt Ion:	117	Resp:	109943
Ion	Ratio	Lower	Upper
117	100		
82	52.1	42.4	63.6
119	31.3	25.9	38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VY017754.D

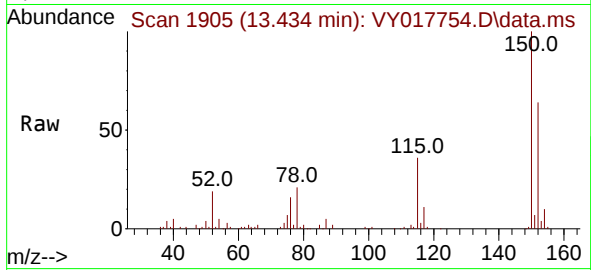
Acq: 25 Mar 2024 16:48

Instrument :

MSVOA_Y

ClientSampleId :

VNJ229-72-11976



Tgt Ion:152 Resp: 32633

Ion Ratio Lower Upper

152 100

115 55.0 28.2 84.7

150 156.7 0.0 345.6

