

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012624\
 Data File : VY017121.D
 Acq On : 26 Jan 2024 15:11
 Operator : SY/MD
 Sample : P1242-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-012424

Quant Time: Jan 29 04:17:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 25 04:44:10 2024
 Response via : Initial Calibration

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

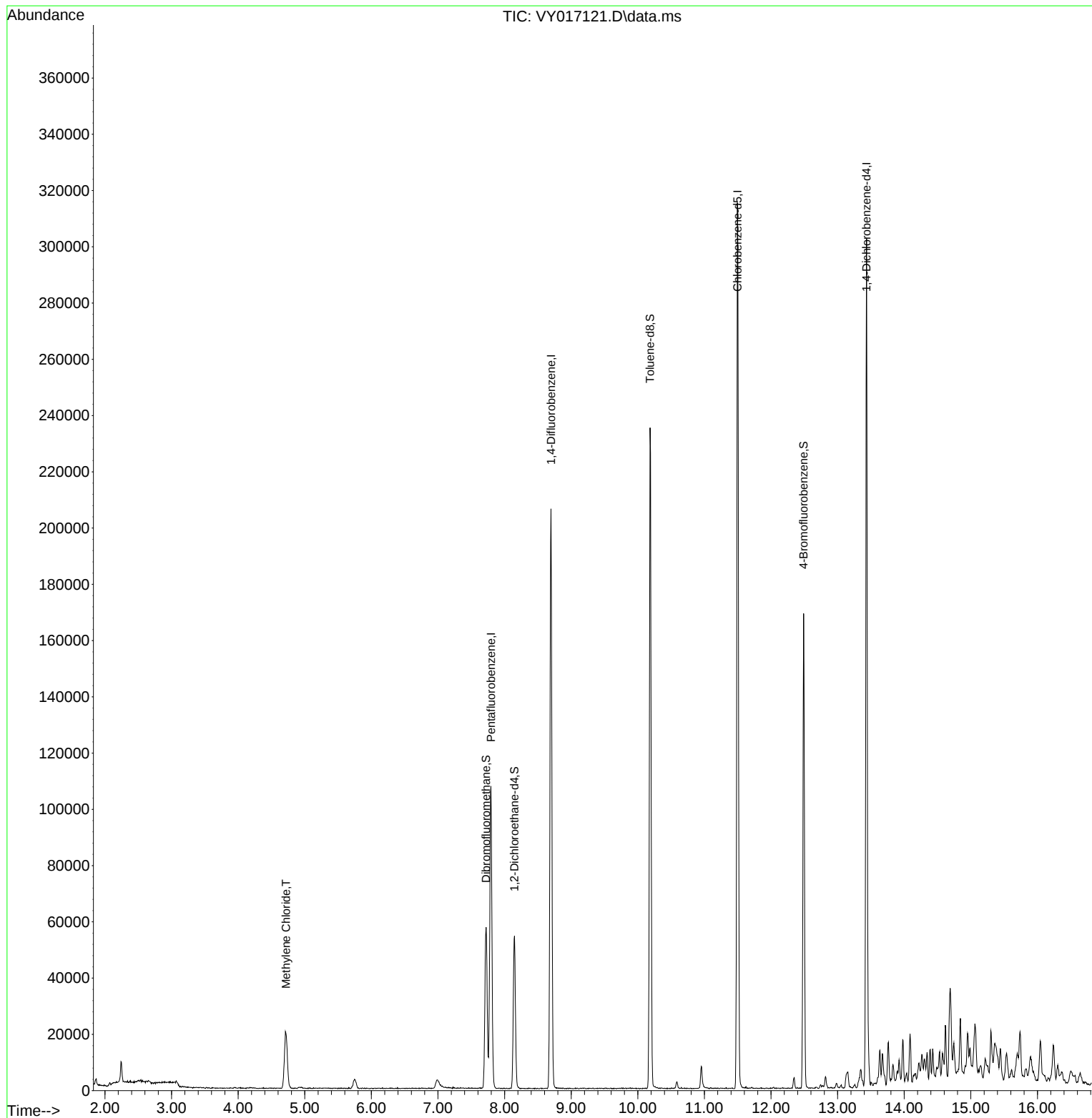
Internal Standards						
1) Pentafluorobenzene	7.795	168	82036	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	175766	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	173865	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	71346	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	40837	51.092	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.180%	
35) Dibromofluoromethane	7.722	113	42716	40.267	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 80.540%	
50) Toluene-d8	10.185	98	154554	38.573	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 77.140%	
62) 4-Bromofluorobenzene	12.489	95	50386	40.821	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 81.640%	
Target Compounds						
20) Methylene Chloride	4.716	84	15685	13.175	ug/l	Qvalue 98

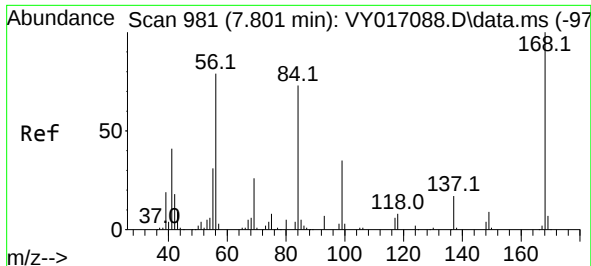
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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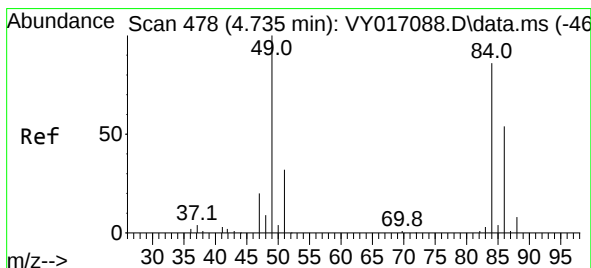
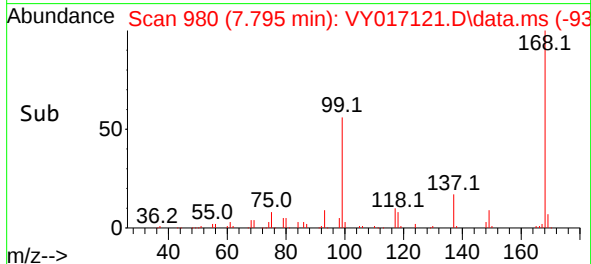
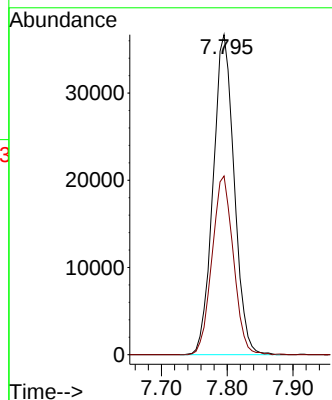
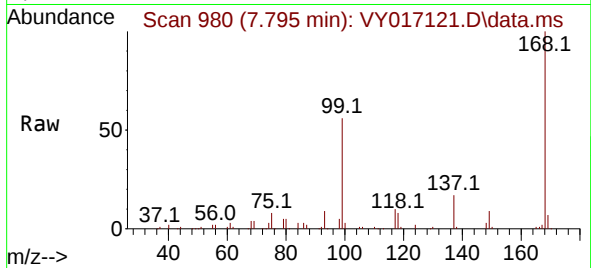




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY017121.D
Acq: 26 Jan 2024 15:11

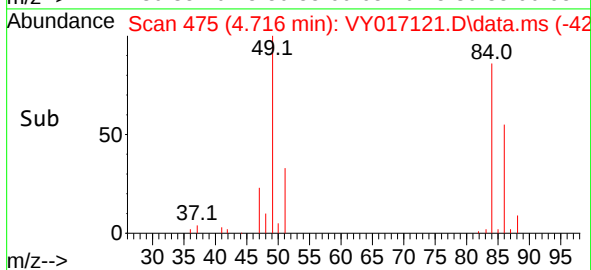
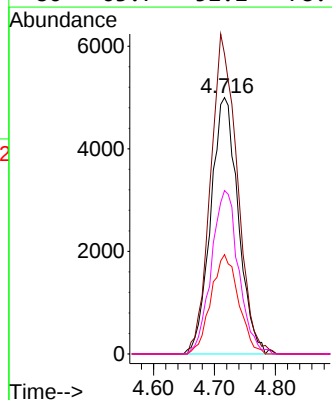
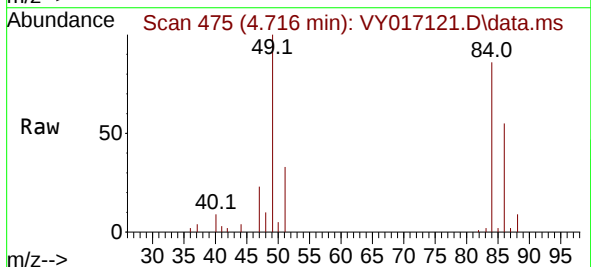
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-012424

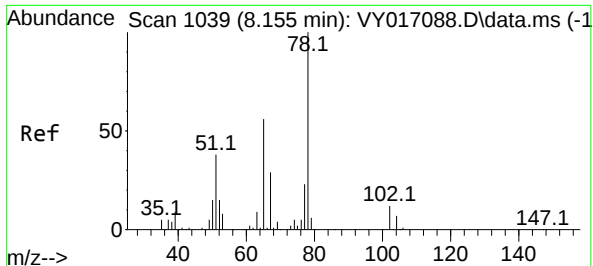
Tgt Ion:168 Resp: 82036
Ion Ratio Lower Upper
168 100
99 55.9 44.2 66.4



#20
Methylene Chloride
Concen: 13.175 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.018 min
Lab File: VY017121.D
Acq: 26 Jan 2024 15:11

Tgt Ion: 84 Resp: 15685
Ion Ratio Lower Upper
84 100
49 116.9 95.2 142.8
51 38.8 29.9 44.9
86 63.7 52.2 78.4





#33

1,2-Dichloroethane-d4

Concen: 51.092 ug/l

RT: 8.149 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY017121.D

Acq: 26 Jan 2024 15:11

Instrument :

MSVOA_Y

ClientSampleId :

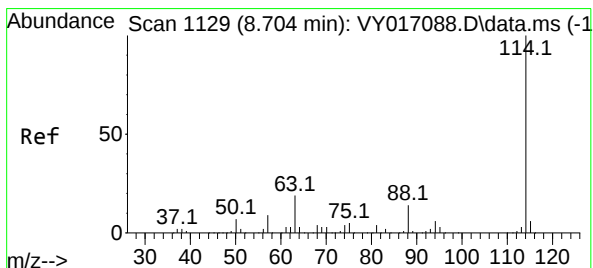
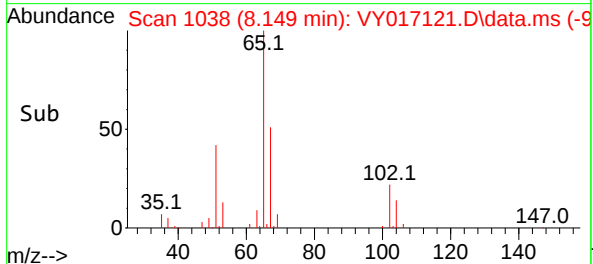
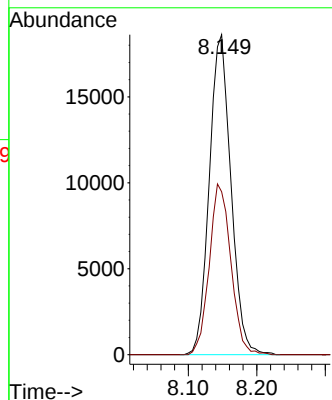
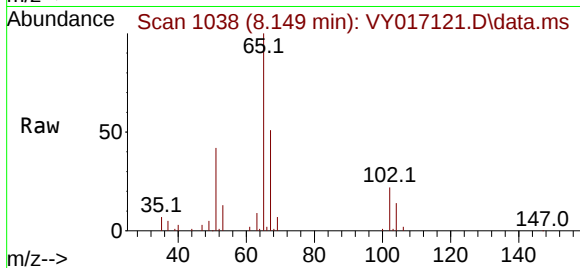
TR-04-012424

Tgt Ion: 65 Resp: 40837

Ion Ratio Lower Upper

65 100

67 53.3 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY017121.D

Acq: 26 Jan 2024 15:11

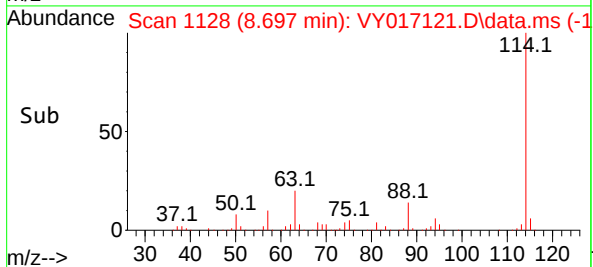
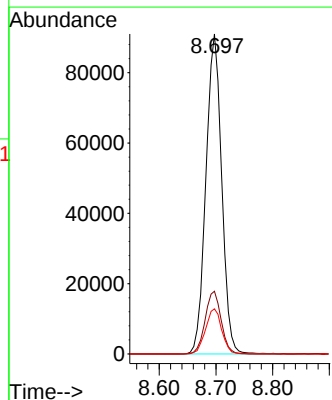
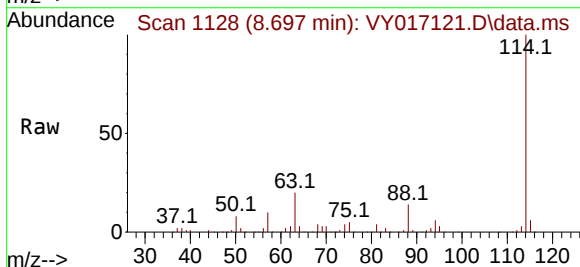
Tgt Ion: 114 Resp: 175766

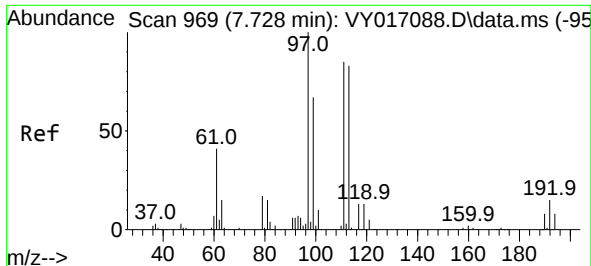
Ion Ratio Lower Upper

114 100

63 19.6 0.0 37.4

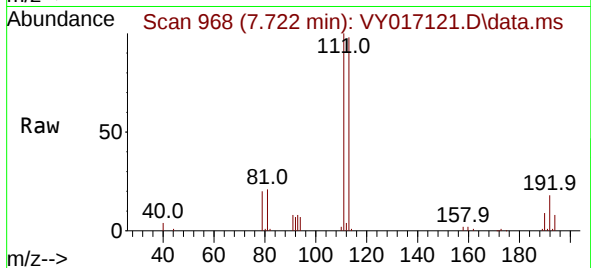
88 14.1 0.0 29.0



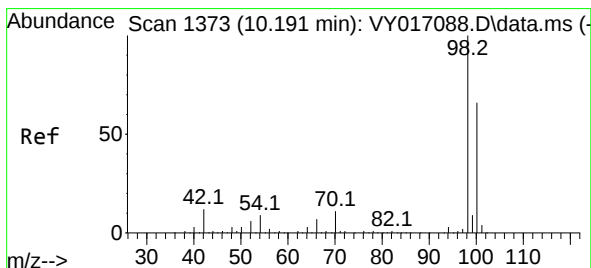
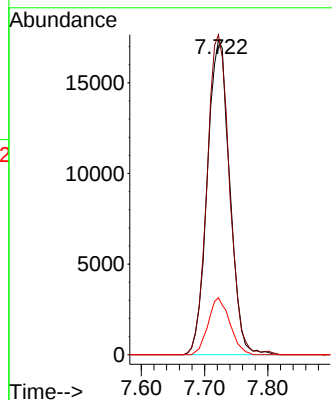
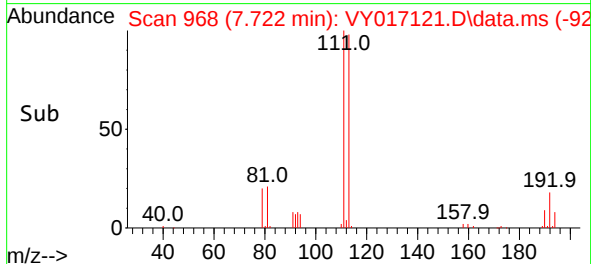


#35
Dibromofluoromethane
Concen: 40.267 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY017121.D
Acq: 26 Jan 2024 15:11

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-012424

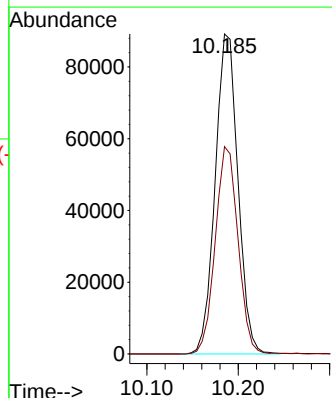
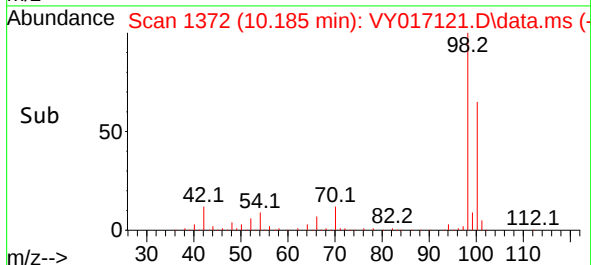
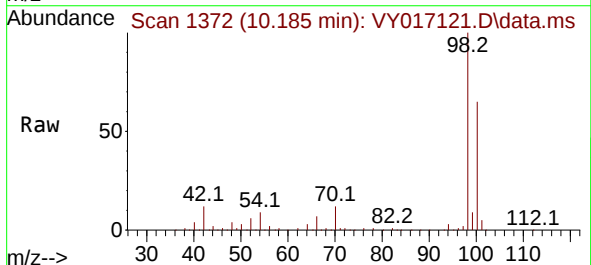


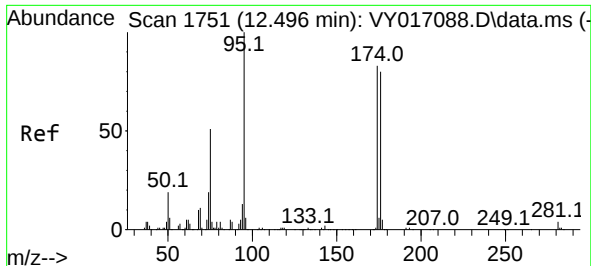
Tgt Ion:113 Resp: 42716
Ion Ratio Lower Upper
113 100
111 101.7 83.8 125.6
192 17.5 14.5 21.7



#50
Toluene-d8
Concen: 38.573 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.006 min
Lab File: VY017121.D
Acq: 26 Jan 2024 15:11

Tgt Ion: 98 Resp: 154554
Ion Ratio Lower Upper
98 100
100 64.8 52.3 78.5

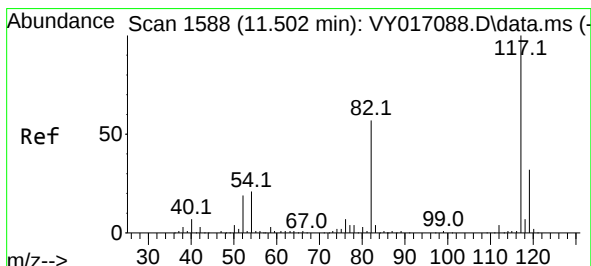
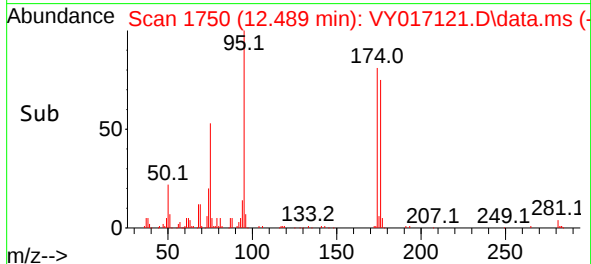
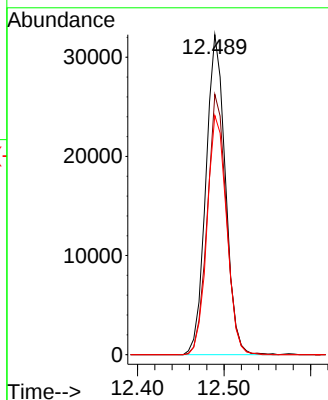
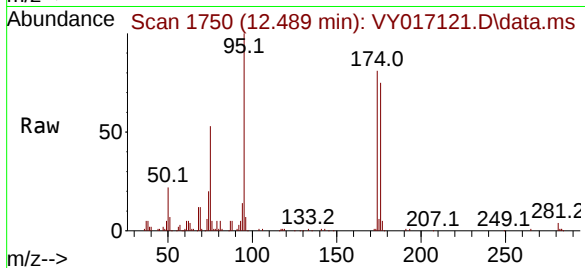




#62
4-Bromofluorobenzene
Concen: 40.821 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017121.D
Acq: 26 Jan 2024 15:11

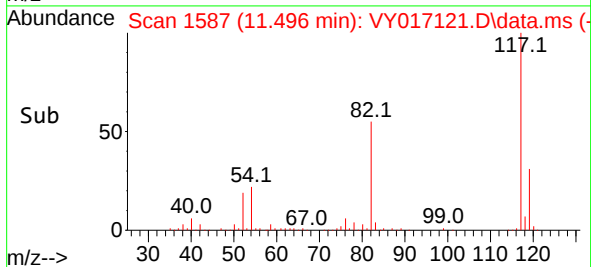
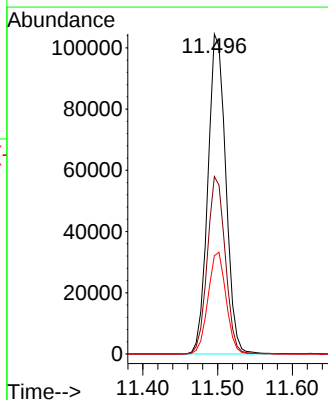
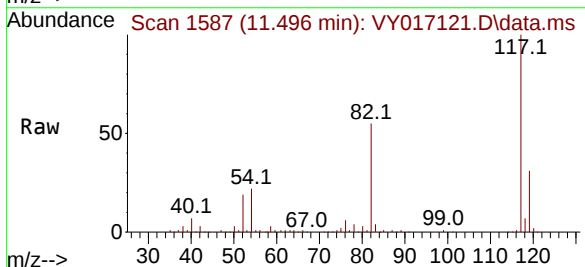
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-012424

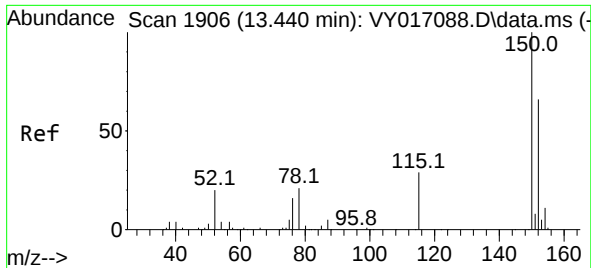
Tgt Ion: 95 Resp: 50386
Ion Ratio Lower Upper
95 100
174 80.1 0.0 160.0
176 75.2 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY017121.D
Acq: 26 Jan 2024 15:11

Tgt Ion: 117 Resp: 173865
Ion Ratio Lower Upper
117 100
82 55.5 43.8 65.8
119 30.7 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: VY017121.D

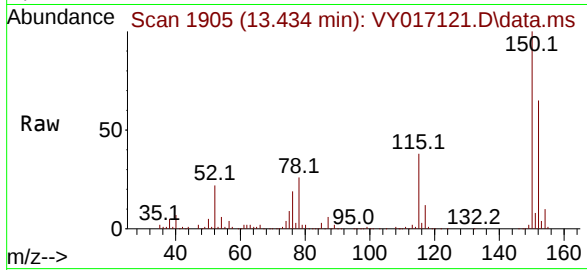
Acq: 26 Jan 2024 15:11

Instrument :

MSVOA_Y

ClientSampleId :

TR-04-012424



Tgt Ion:152 Resp: 71346

Ion Ratio Lower Upper

152 100

115 59.3 30.0 90.0

150 154.9 0.0 344.6

