

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022224\
 Data File : VY017460.D
 Acq On : 22 Feb 2024 16:01
 Operator : SY/MD
 Sample : P1537-12
 Misc : 5.33g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 12

Quant Time: Feb 23 00:31:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 20 06:16:24 2024
 Response via : Initial Calibration

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

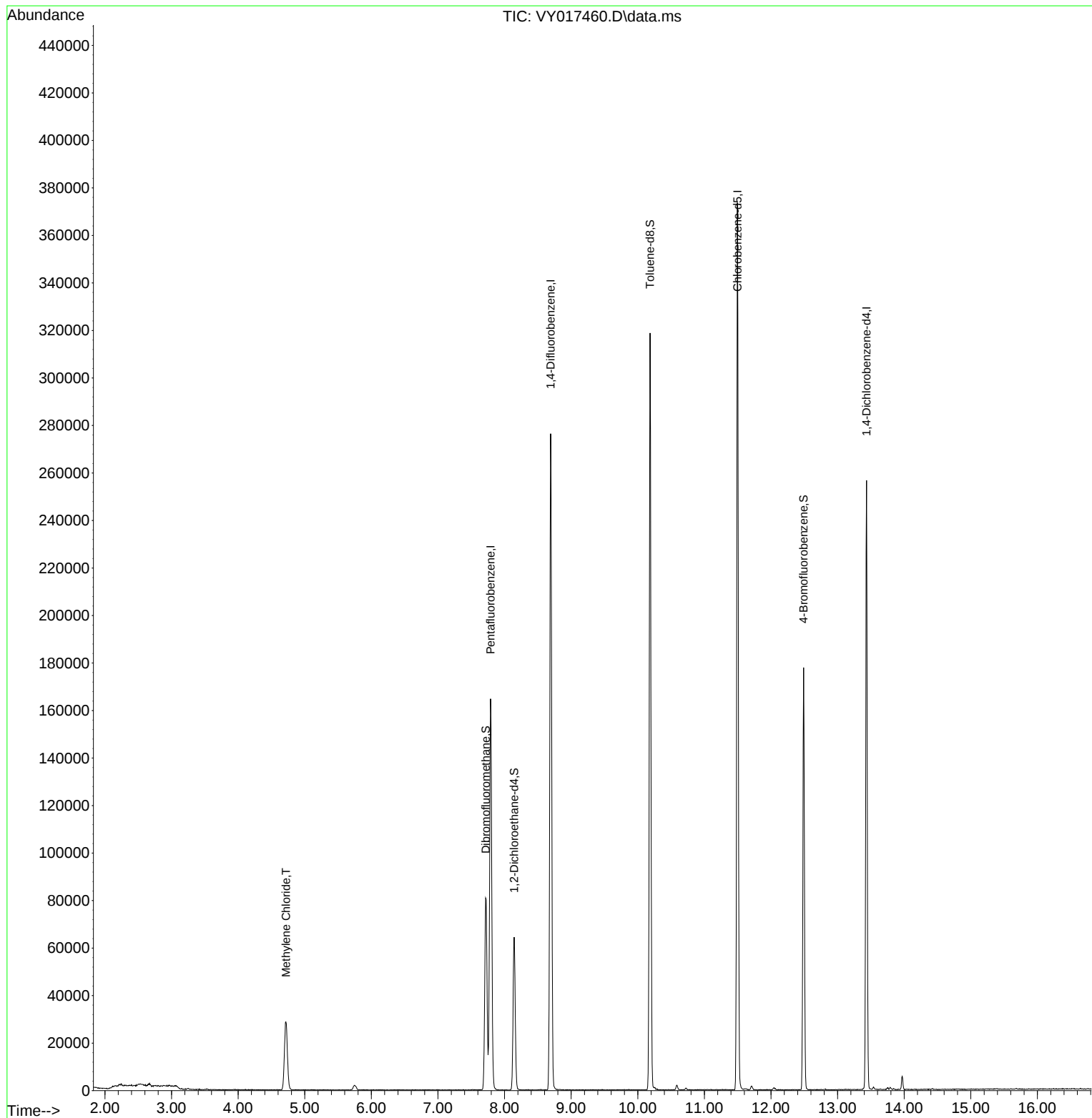
Internal Standards						
1) Pentafluorobenzene	7.789	168	135814	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.691	114	253768	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	214347	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	69200	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	48378	41.696	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.400%
35) Dibromofluoromethane	7.716	113	60154	40.495	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.000%
50) Toluene-d8	10.185	98	212886	36.952	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	73.900%
62) 4-Bromofluorobenzene	12.489	95	52095	27.904	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	55.800%
Target Compounds						
20) Methylene Chloride	4.716	84	23944	10.751	ug/l	Qvalue 96

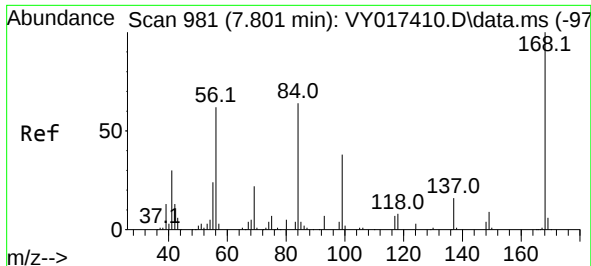
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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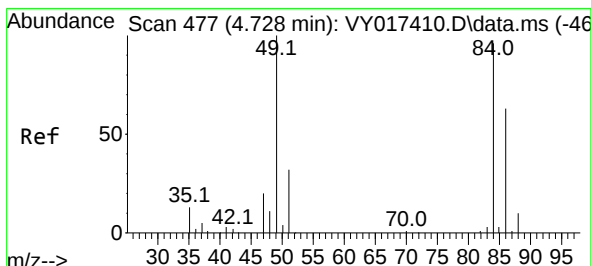
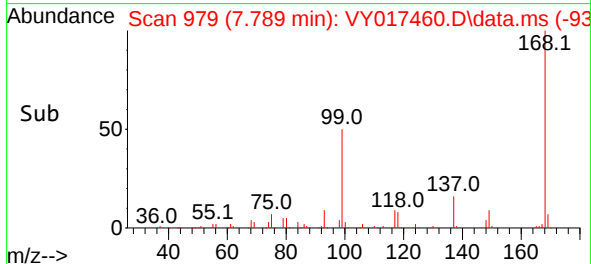
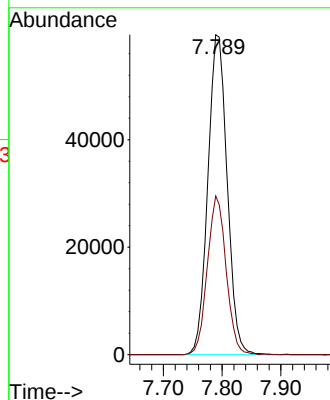
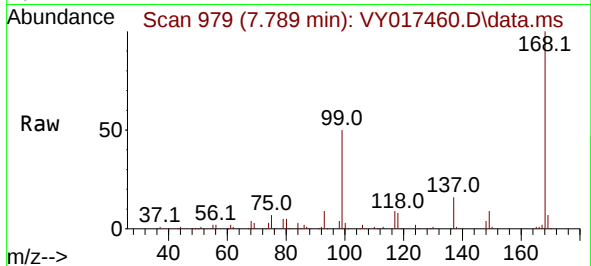




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 912
Delta R.T. -0.012 min
Lab File: VY017460.D
Acq: 22 Feb 2024 16:01

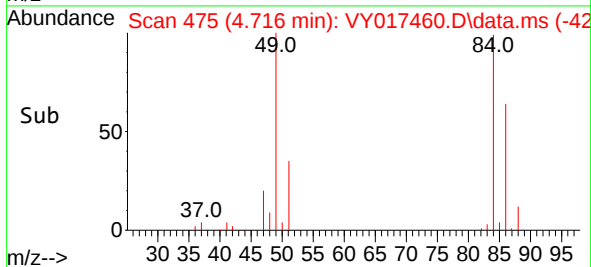
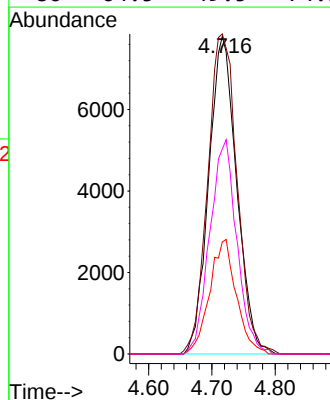
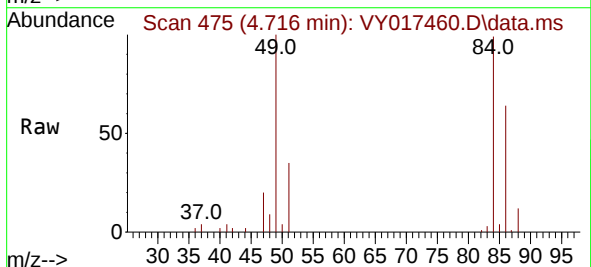
Instrument :
MSVOA_Y
ClientSampleId :
12

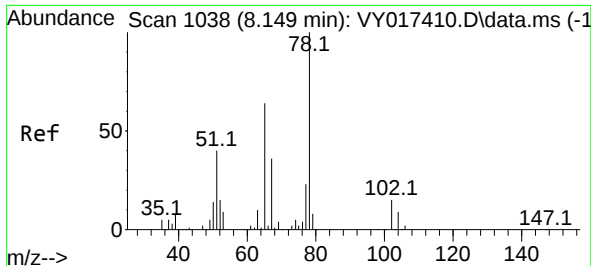
Tgt Ion:168 Resp: 135814
Ion Ratio Lower Upper
168 100
99 49.6 39.1 58.7



#20
Methylene Chloride
Concen: 10.751 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.012 min
Lab File: VY017460.D
Acq: 22 Feb 2024 16:01

Tgt Ion: 84 Resp: 23944
Ion Ratio Lower Upper
84 100
49 100.8 84.4 126.6
51 35.3 26.0 39.0
86 64.5 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 41.696 ug/l

RT: 8.143 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY017460.D

Acq: 22 Feb 2024 16:01

Instrument :

MSVOA_Y

ClientSampleId :

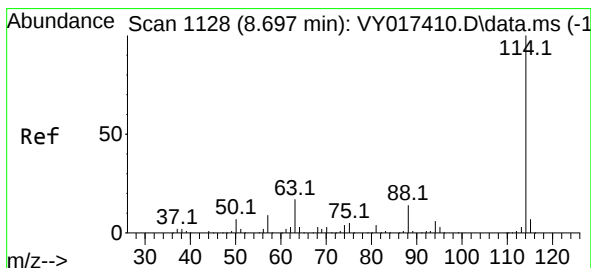
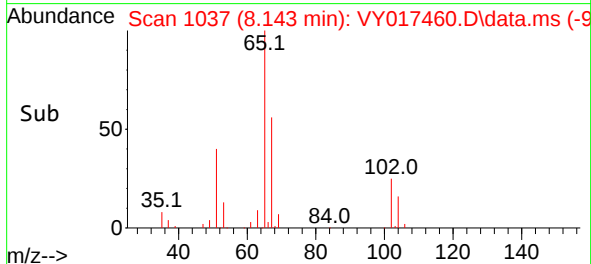
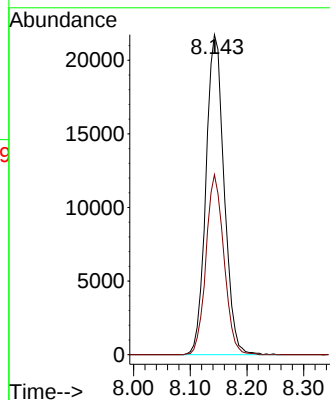
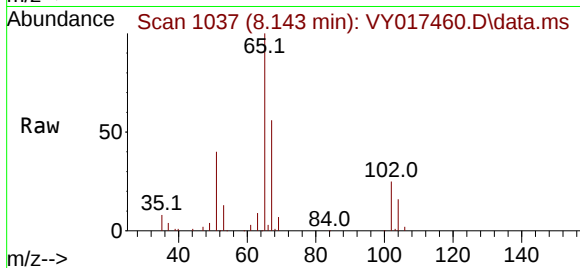
12

Tgt Ion: 65 Resp: 48378

Ion Ratio Lower Upper

65 100

67 55.4 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY017460.D

Acq: 22 Feb 2024 16:01

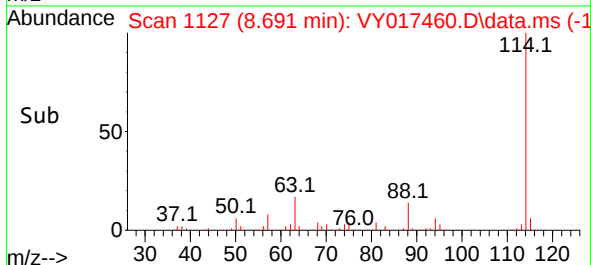
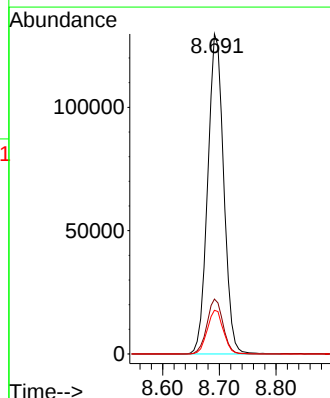
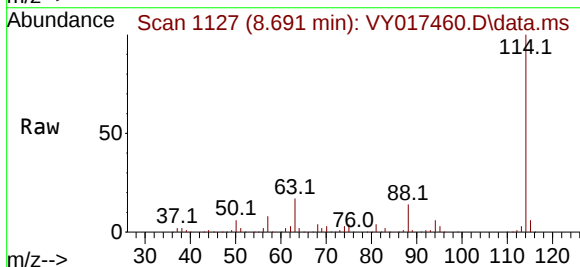
Tgt Ion: 114 Resp: 253768

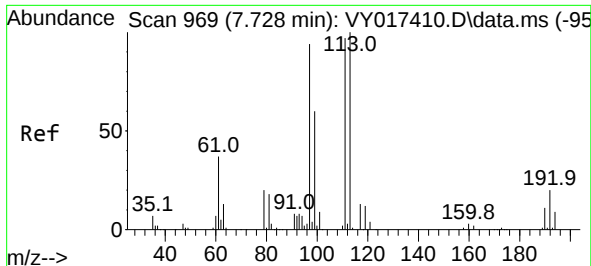
Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.0

88 13.6 0.0 27.2

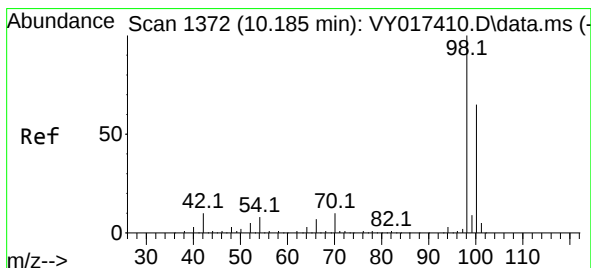
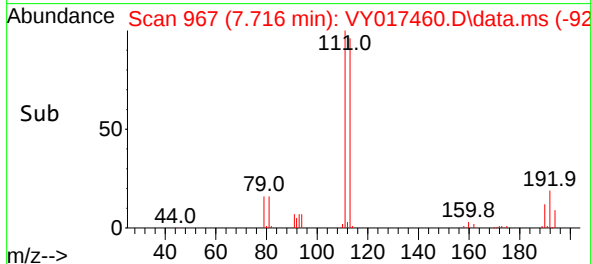
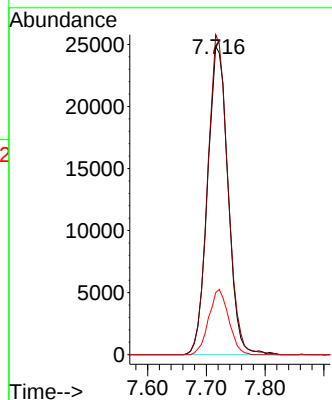
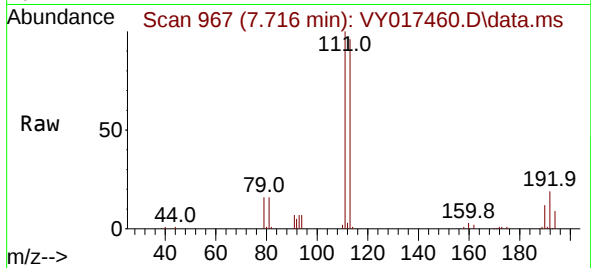




#35
Dibromofluoromethane
Concen: 40.495 ug/l
RT: 7.716 min Scan# 912
Delta R.T. -0.012 min
Lab File: VY017460.D
Acq: 22 Feb 2024 16:01

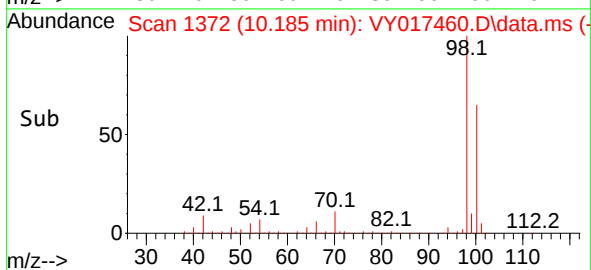
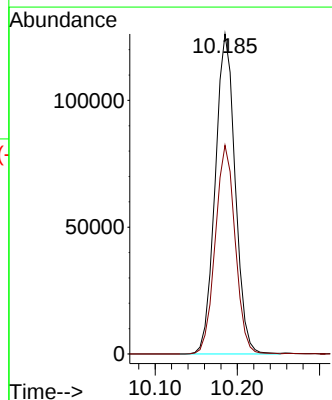
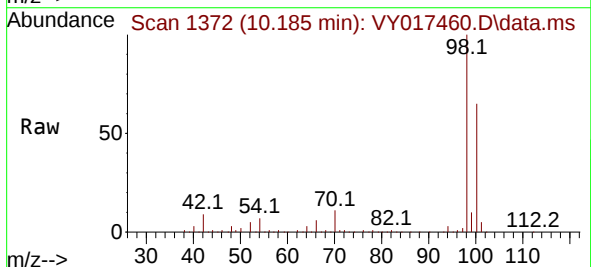
Instrument :
MSVOA_Y
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12

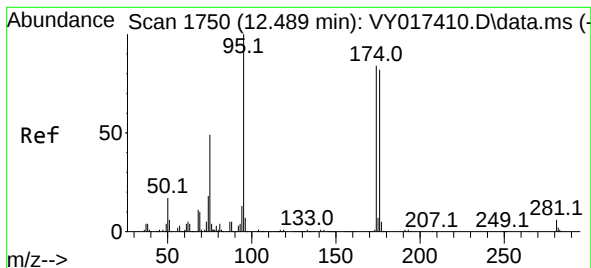
Tgt Ion:113 Resp: 60154
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.4
192 20.6 15.9 23.9



#50
Toluene-d8
Concen: 36.952 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017460.D
Acq: 22 Feb 2024 16:01

Tgt Ion: 98 Resp: 212886
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0

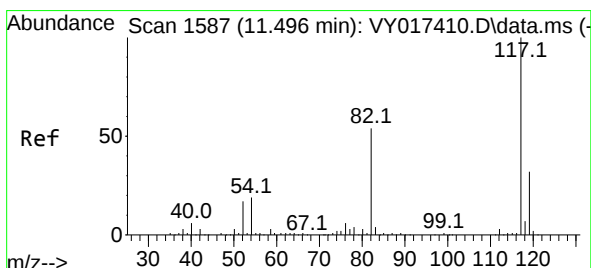
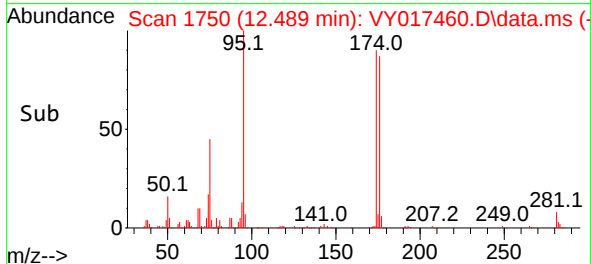
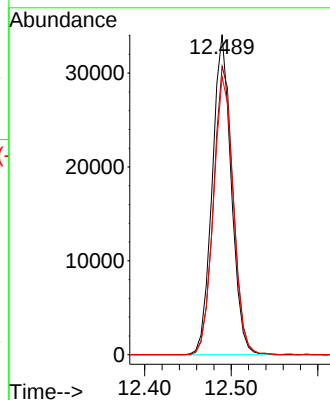
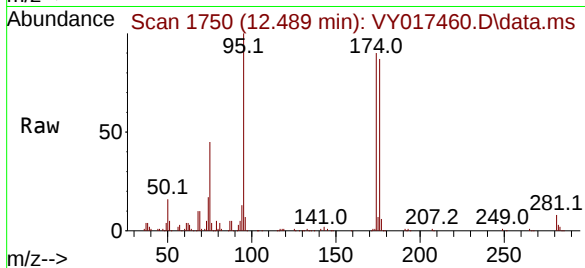




#62
4-Bromofluorobenzene
Concen: 27.904 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017460.D
Acq: 22 Feb 2024 16:01

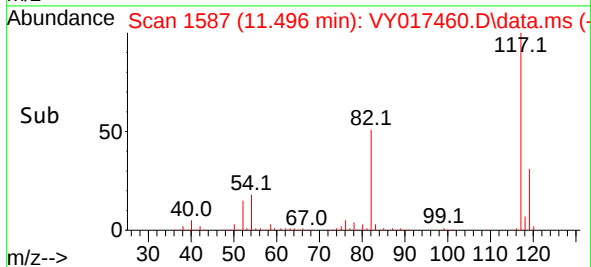
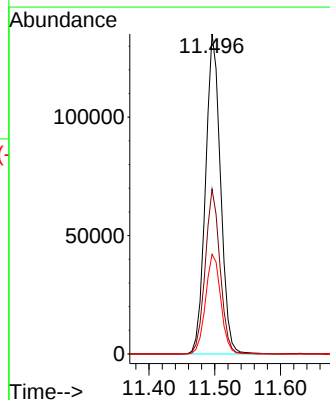
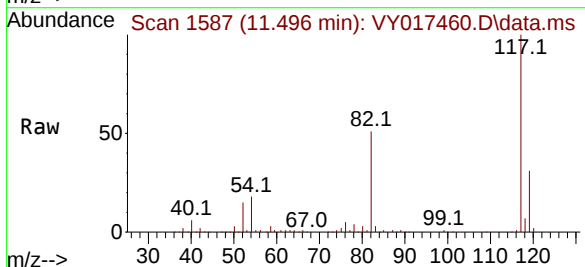
Instrument :
MSVOA_Y
ClientSampleId :
12

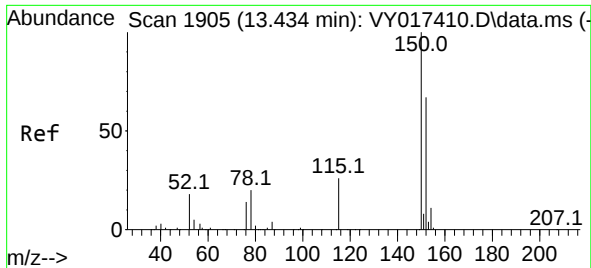
Tgt Ion: 95 Resp: 52095
Ion Ratio Lower Upper
95 100
174 94.1 0.0 175.6
176 90.6 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY017460.D
Acq: 22 Feb 2024 16:01

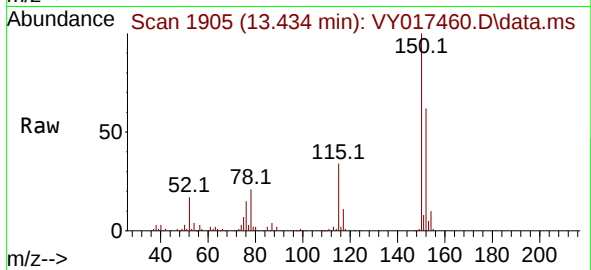
Tgt Ion: 117 Resp: 214347
Ion Ratio Lower Upper
117 100
82 51.5 42.4 63.6
119 31.2 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. 0.000 min
 Lab File: VY017460.D
 Acq: 22 Feb 2024 16:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 12



Tgt Ion:152 Resp: 69200
 Ion Ratio Lower Upper
 152 100
 115 55.6 28.2 84.7
 150 160.7 0.0 345.6

