

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020824\
 Data File : VY017311.D
 Acq On : 08 Feb 2024 14:35
 Operator : SY/MD
 Sample : P1337-10
 Misc : 5.72g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-4

Quant Time: Feb 08 15:56:25 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)

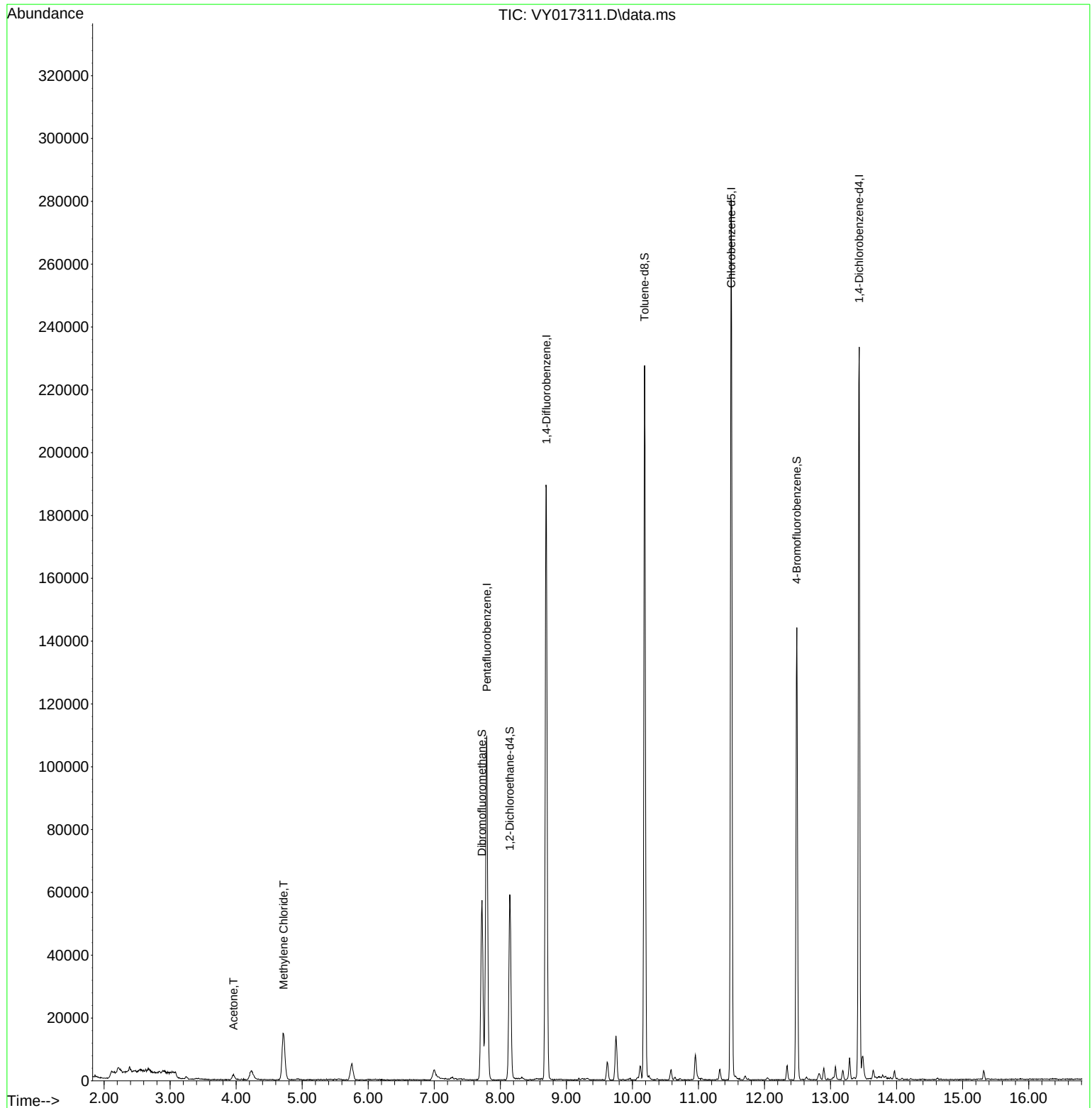
Internal Standards						
1) Pentafluorobenzene	7.795	168	79806	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	162173	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	143984	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	55620	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	43466	60.967	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.940%
35) Dibromofluoromethane	7.722	113	40184	45.891	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.780%
50) Toluene-d8	10.185	98	143197	44.916	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.840%
62) 4-Bromofluorobenzene	12.489	95	40540	38.818	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	77.640%
Target Compounds						Qvalue
16) Acetone	3.960	43	2872	13.706	ug/l	98
20) Methylene Chloride	4.716	84	11256	10.337	ug/l	97

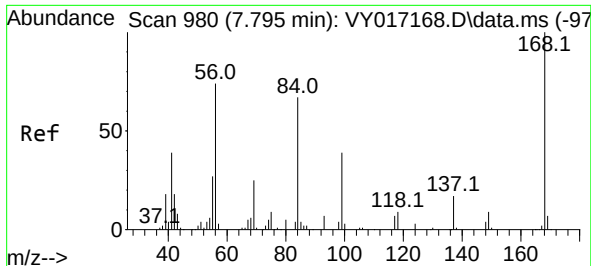
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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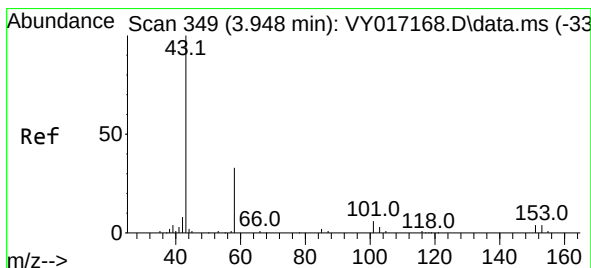
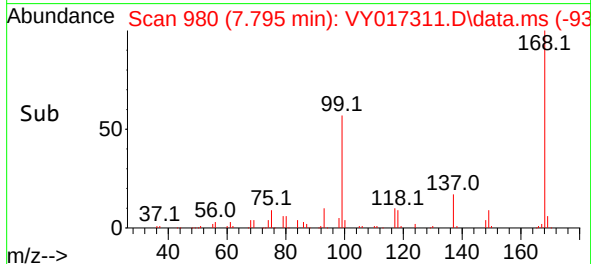
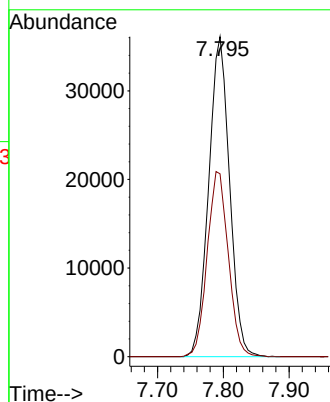
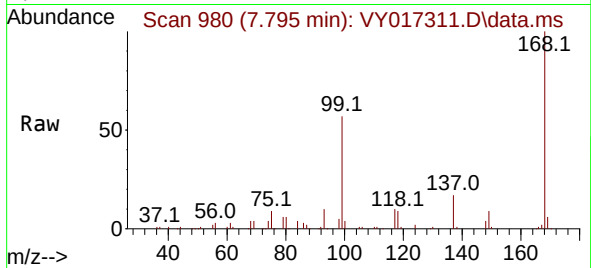




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY017311.D
Acq: 08 Feb 2024 14:35

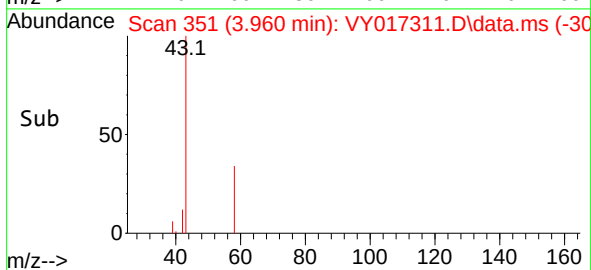
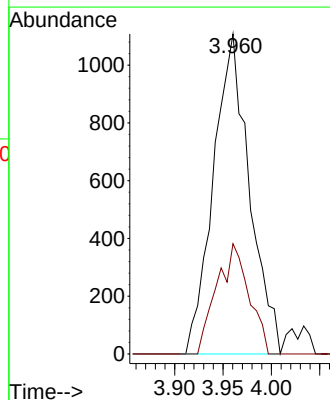
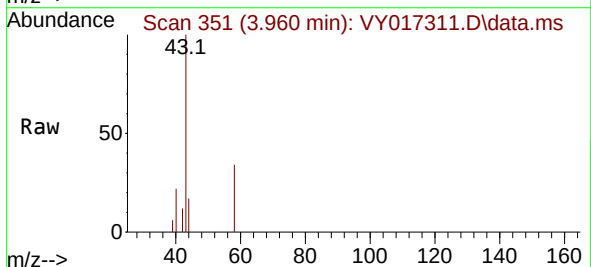
Instrument :
MSVOA_Y
ClientSampleId :
TP-4

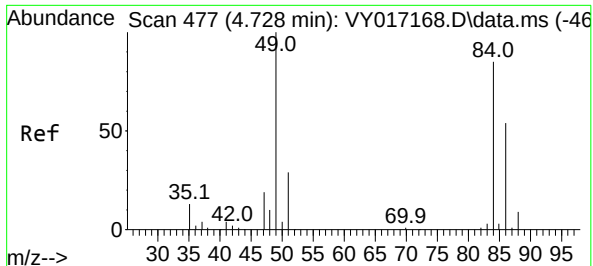
Tgt Ion:168 Resp: 79806
Ion Ratio Lower Upper
168 100
99 57.1 44.2 66.4



#16
Acetone
Concen: 13.706 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.012 min
Lab File: VY017311.D
Acq: 08 Feb 2024 14:35

Tgt Ion: 43 Resp: 2872
Ion Ratio Lower Upper
43 100
58 34.5 26.6 39.8



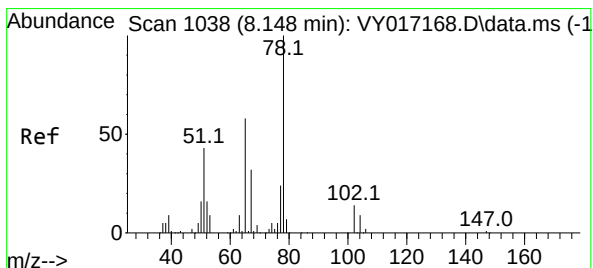
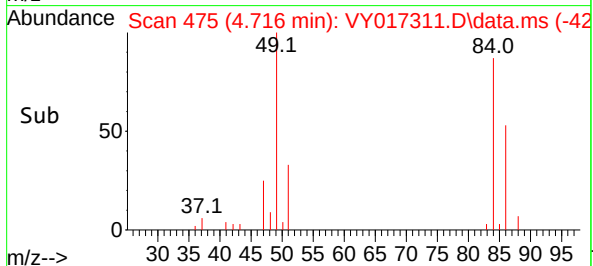
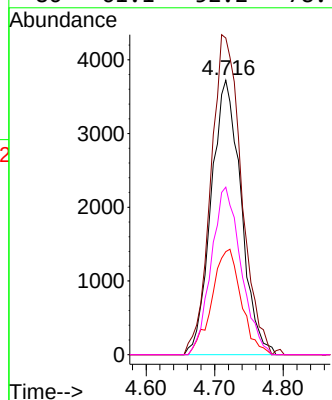
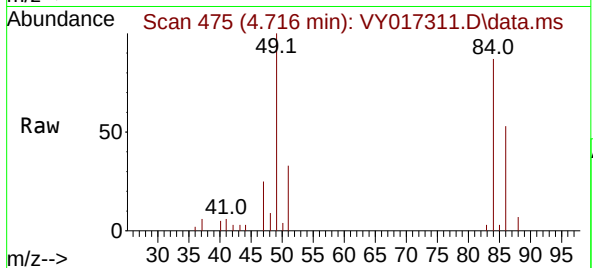


#20
Methylene Chloride
Concen: 10.337 ug/l
RT: 4.716 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY017311.D
Acq: 08 Feb 2024 14:35

Instrument :
MSVOA_Y
ClientSampleId :
TP-4

Tgt Ion: 84 Resp: 11256

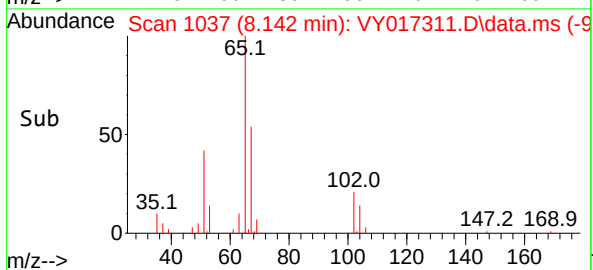
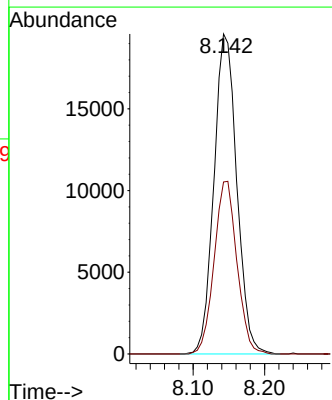
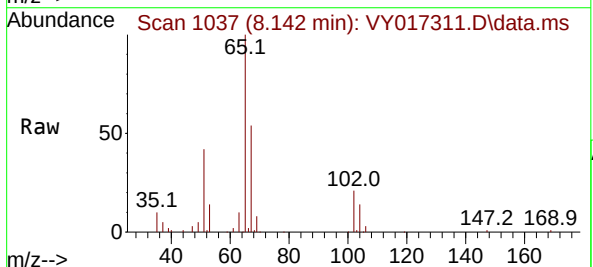
Ion	Ratio	Lower	Upper
84	100		
49	115.4	95.2	142.8
51	37.5	29.9	44.9
86	61.1	52.2	78.4

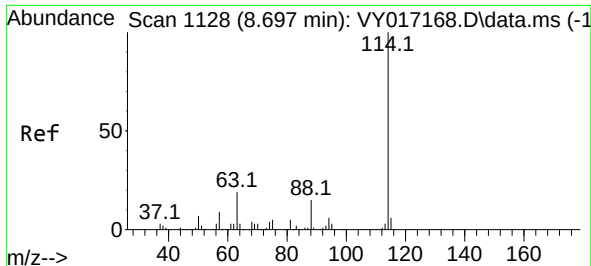


#33
1,2-Dichloroethane-d4
Concen: 60.967 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY017311.D
Acq: 08 Feb 2024 14:35

Tgt Ion: 65 Resp: 43466

Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	109.0

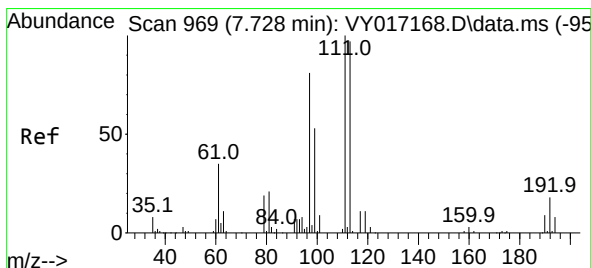
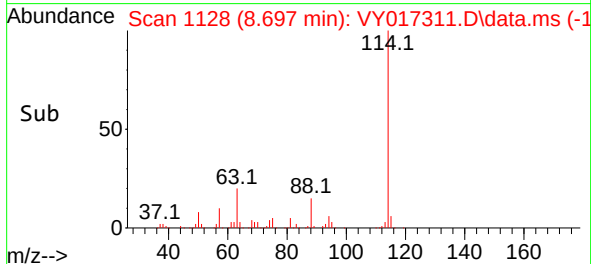
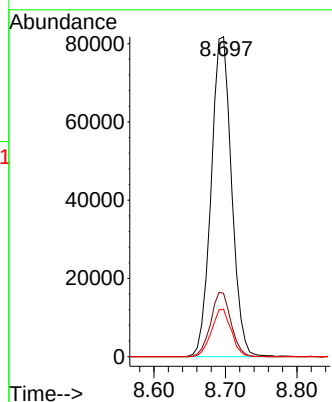
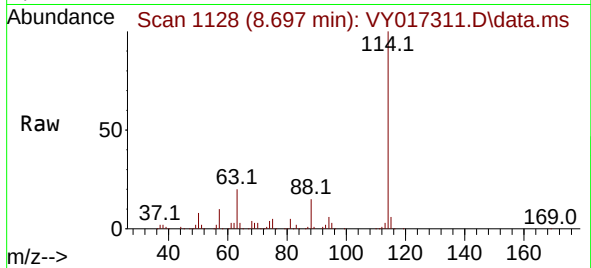




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY017311.D
Acq: 08 Feb 2024 14:35

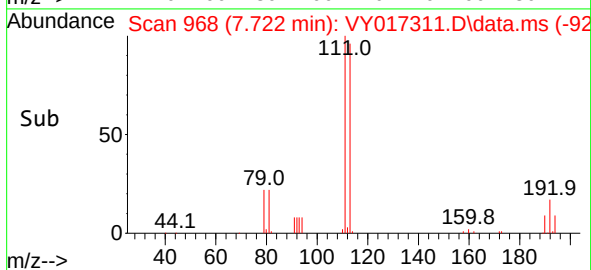
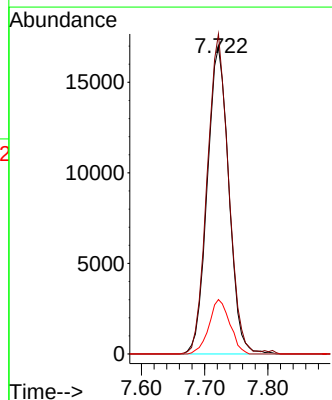
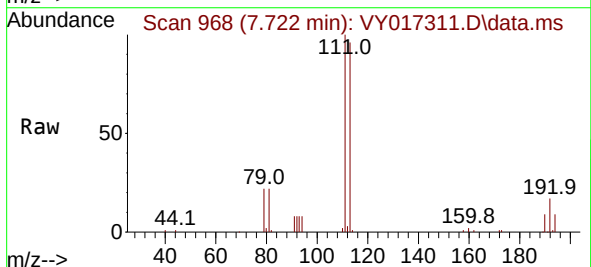
Instrument :
MSVOA_Y
ClientSampleId :
TP-4

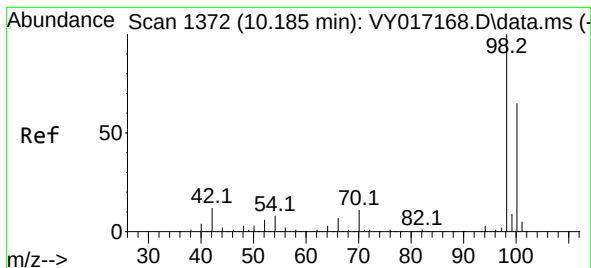
Tgt Ion:114 Resp: 162173
Ion Ratio Lower Upper
114 100
63 19.8 0.0 37.4
88 14.8 0.0 29.0



#35
Dibromofluoromethane
Concen: 45.891 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY017311.D
Acq: 08 Feb 2024 14:35

Tgt Ion:113 Resp: 40184
Ion Ratio Lower Upper
113 100
111 103.1 83.8 125.6
192 17.1 14.5 21.7





#50

Toluene-d8

Concen: 44.916 ug/l

RT: 10.185 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017311.D

Acq: 08 Feb 2024 14:35

Instrument :

MSVOA_Y

ClientSampleId :

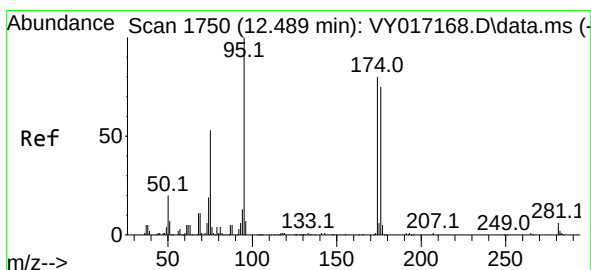
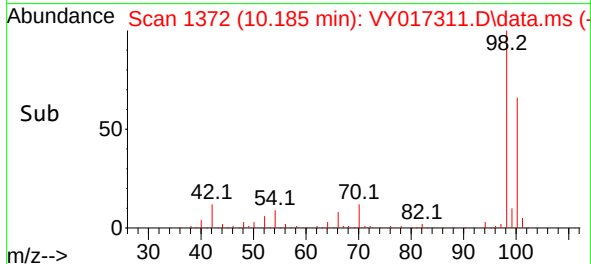
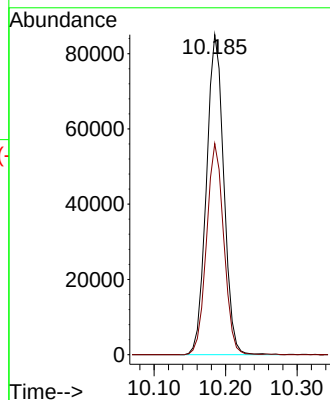
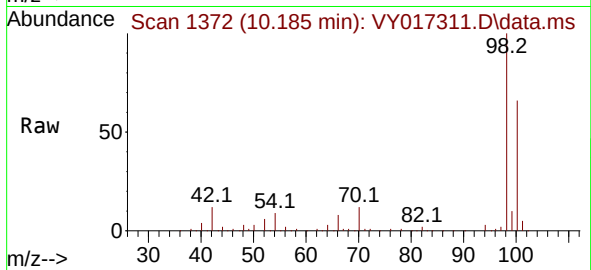
TP-4

Tgt Ion: 98 Resp: 143197

Ion Ratio Lower Upper

98 100

100 65.6 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 38.818 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VY017311.D

Acq: 08 Feb 2024 14:35

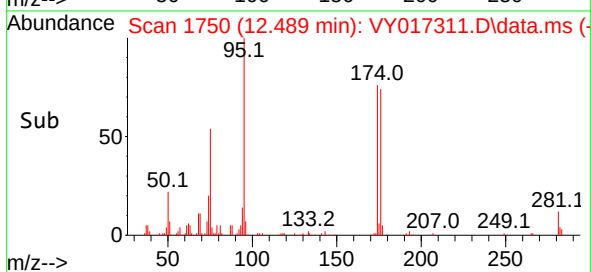
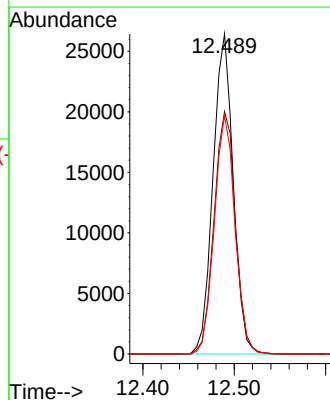
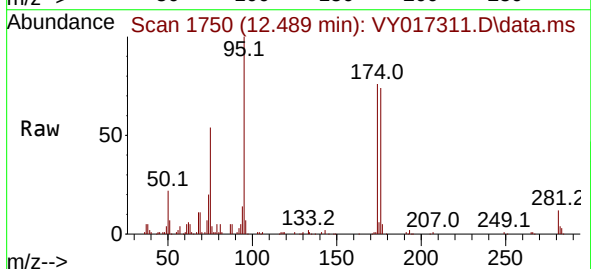
Tgt Ion: 95 Resp: 40540

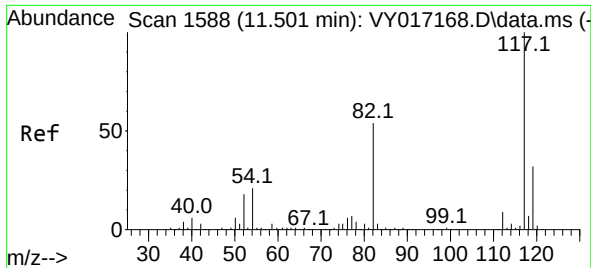
Ion Ratio Lower Upper

95 100

174 80.2 0.0 160.0

176 76.2 0.0 151.8

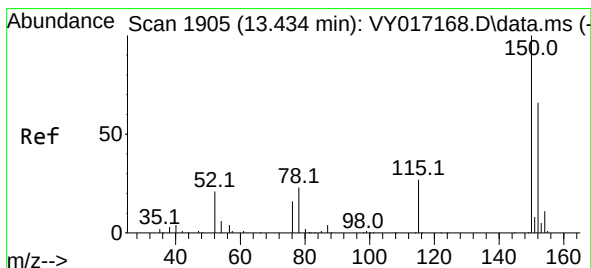
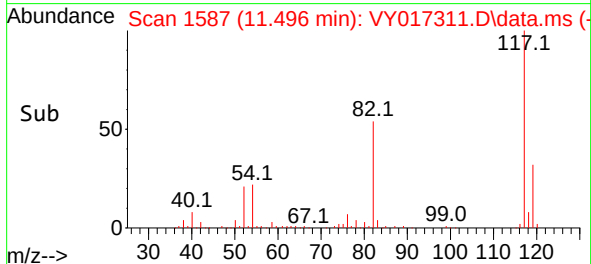
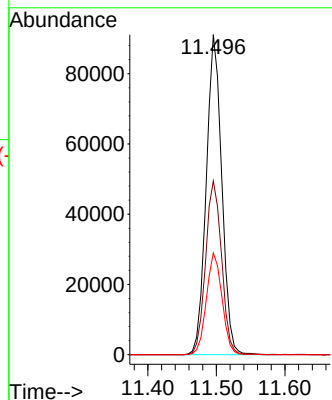
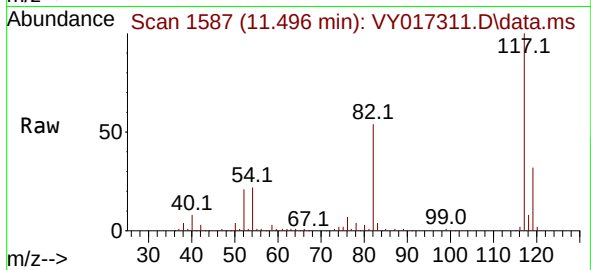




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY017311.D
Acq: 08 Feb 2024 14:35

Instrument :
MSVOA_Y
ClientSampleId :
TP-4

Tgt Ion:117 Resp: 143984
Ion Ratio Lower Upper
117 100
82 54.3 43.8 65.8
119 31.8 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: VY017311.D
Acq: 08 Feb 2024 14:35

Tgt Ion:152 Resp: 55620
Ion Ratio Lower Upper
152 100
115 60.3 30.0 90.0
150 158.6 0.0 344.6

