

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060724\
 Data File : VY018520.D
 Acq On : 07 Jun 2024 11:38
 Operator : SY/MD
 Sample : VY0607SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0607SBL01

Quant Time: Jun 07 23:09:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 07:11:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	36006	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	58396	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	52283	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	32179	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	37577	53.142	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.280%
35) Dibromofluoromethane	7.710	113	36689	49.546	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.100%
50) Toluene-d8	10.173	98	142884	48.503	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.000%
62) 4-Bromofluorobenzene	12.477	95	38984	42.502	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.000%

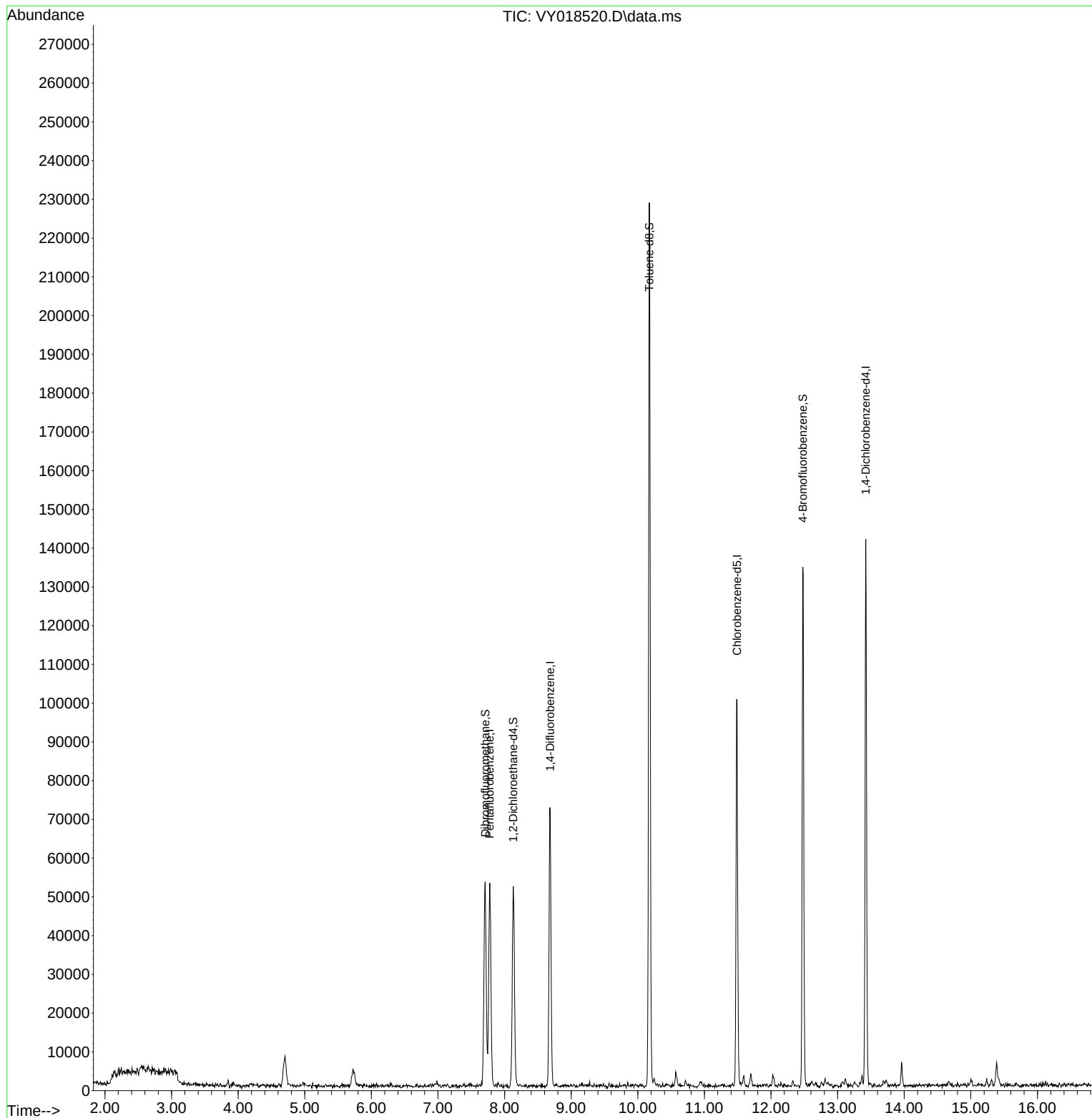
Target Compounds	Qvalue

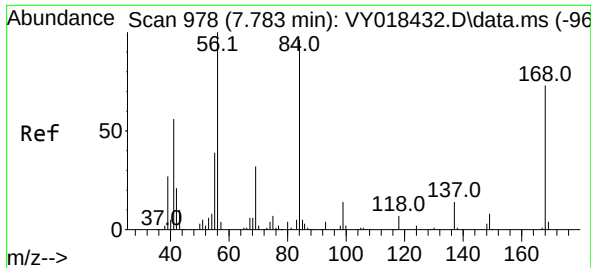
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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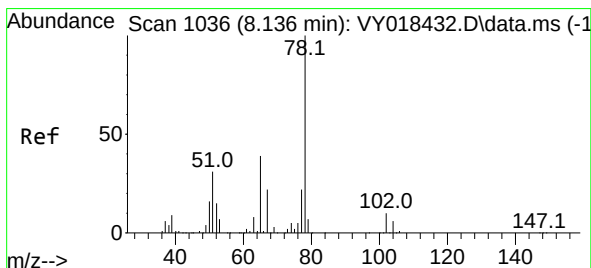
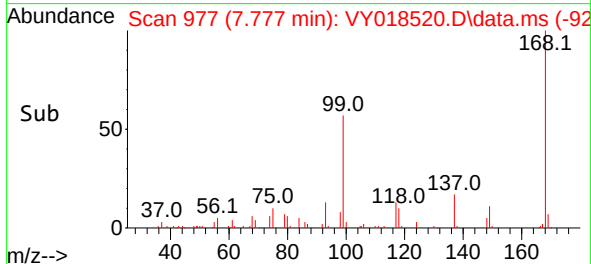
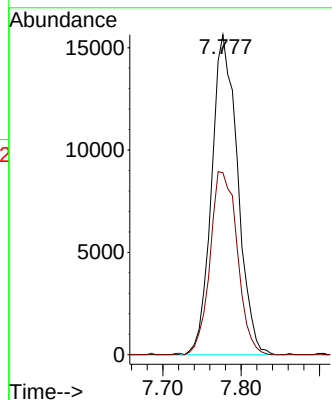
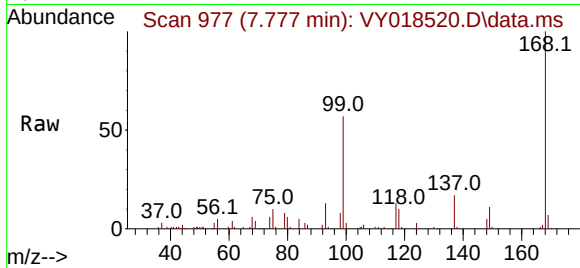




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018520.D
Acq: 07 Jun 2024 11:38

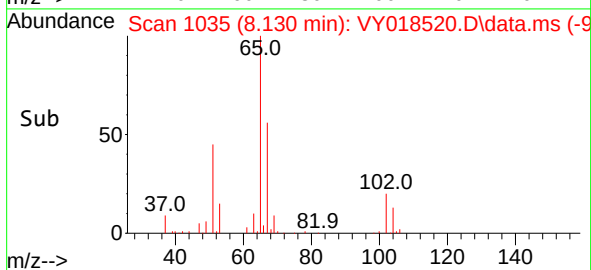
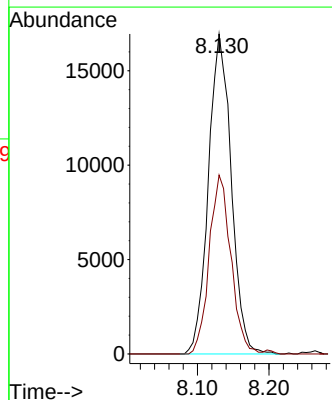
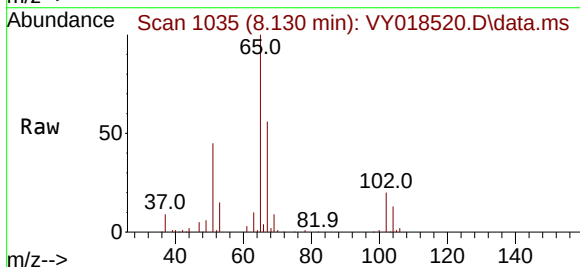
Instrument :
MSVOA_Y
ClientSampleId :
VY0607SBL01

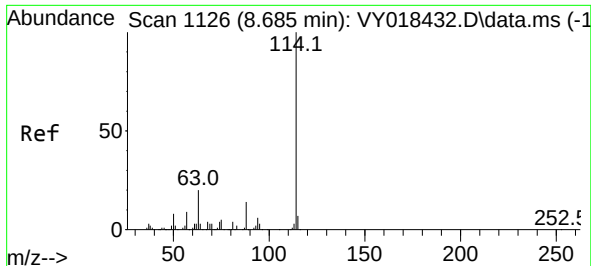
Tgt Ion:168 Resp: 36006
Ion Ratio Lower Upper
168 100
99 56.9 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 53.142 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY018520.D
Acq: 07 Jun 2024 11:38

Tgt Ion: 65 Resp: 37577
Ion Ratio Lower Upper
65 100
67 53.2 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY018520.D

Acq: 07 Jun 2024 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0607SBL01

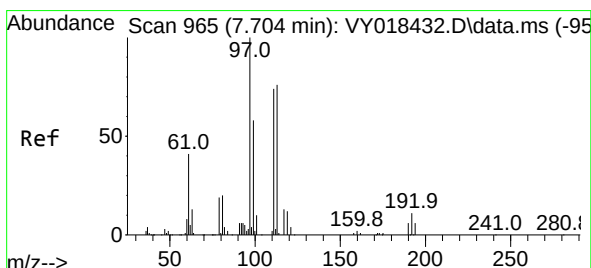
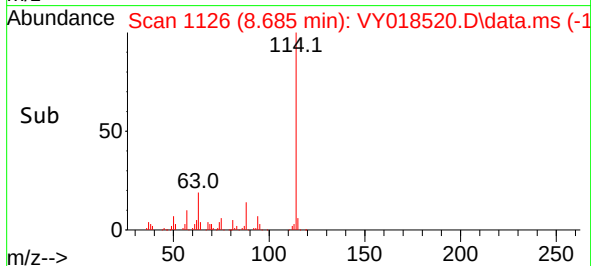
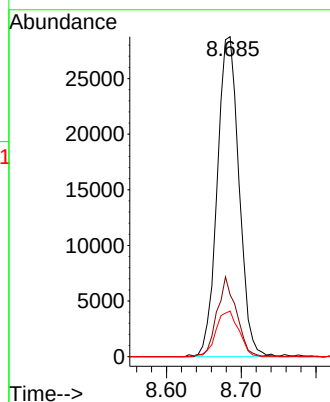
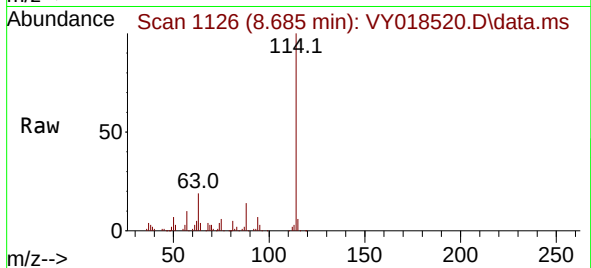
Tgt Ion:114 Resp: 58396

Ion Ratio Lower Upper

114 100

63 19.4 0.0 35.0

88 14.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.546 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.006 min

Lab File: VY018520.D

Acq: 07 Jun 2024 11:38

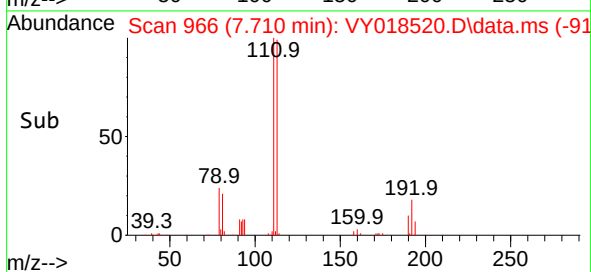
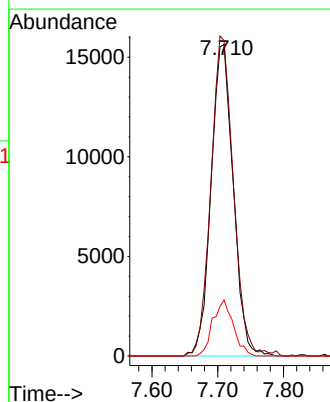
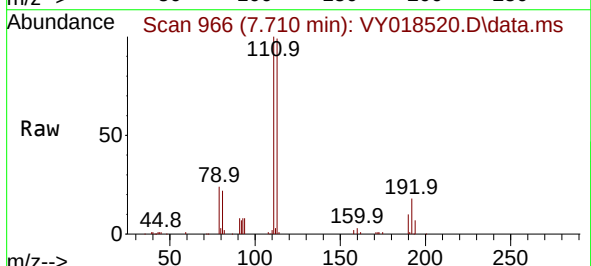
Tgt Ion:113 Resp: 36689

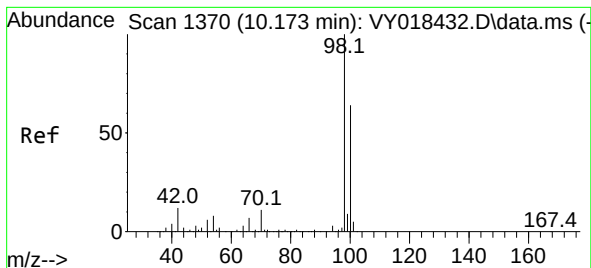
Ion Ratio Lower Upper

113 100

111 104.3 82.2 123.4

192 16.6 15.9 23.9

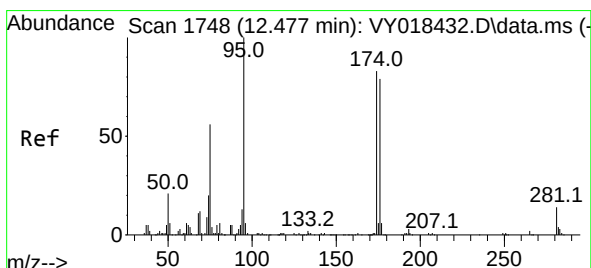
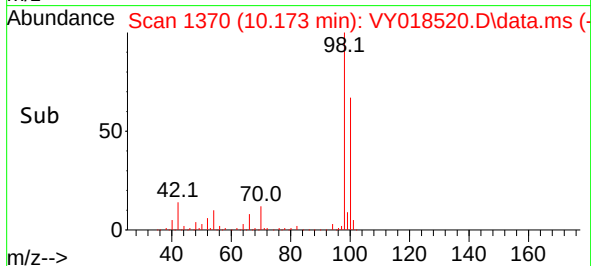
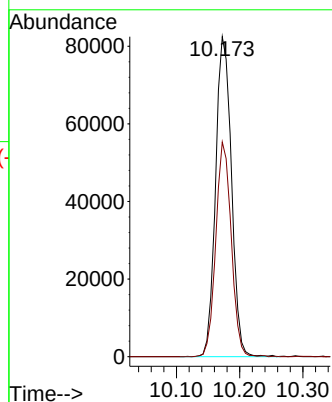
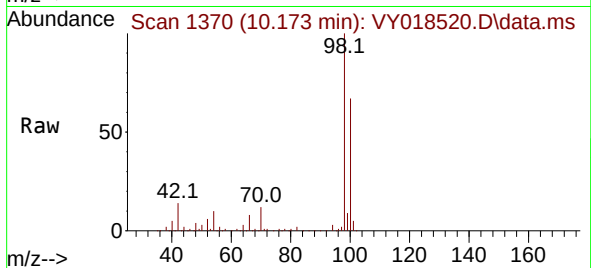




#50
Toluene-d8
Concen: 48.503 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018520.D
Acq: 07 Jun 2024 11:38

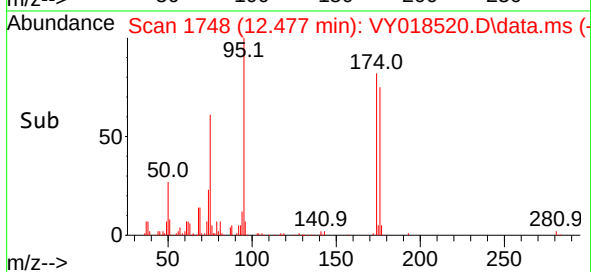
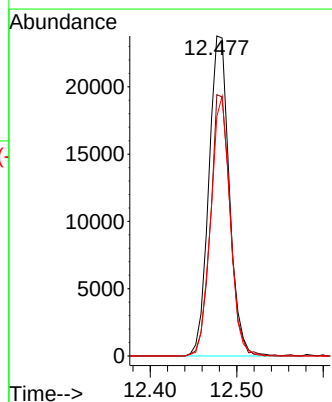
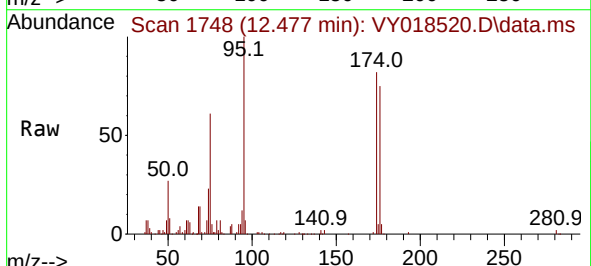
Instrument :
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VY0607SBL01

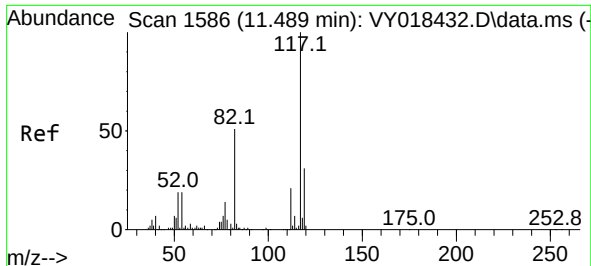
Tgt Ion: 98 Resp: 142884
Ion Ratio Lower Upper
98 100
100 65.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 42.502 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY018520.D
Acq: 07 Jun 2024 11:38

Tgt Ion: 95 Resp: 38984
Ion Ratio Lower Upper
95 100
174 78.6 0.0 175.6
176 76.6 0.0 171.4

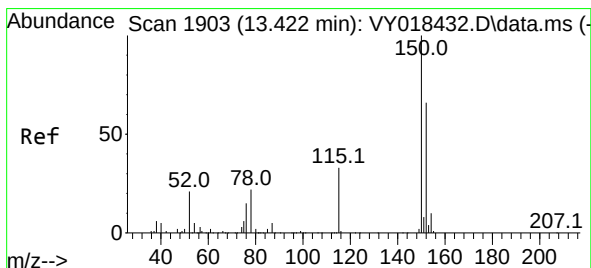
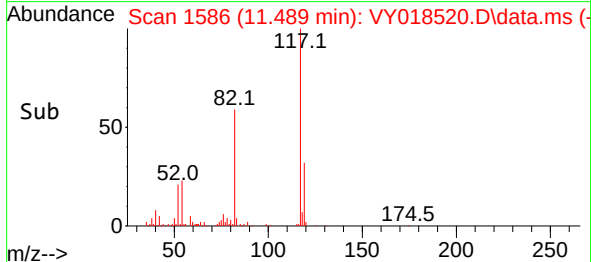
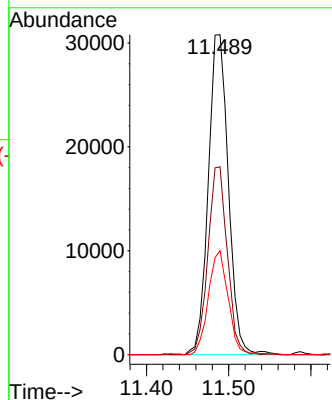
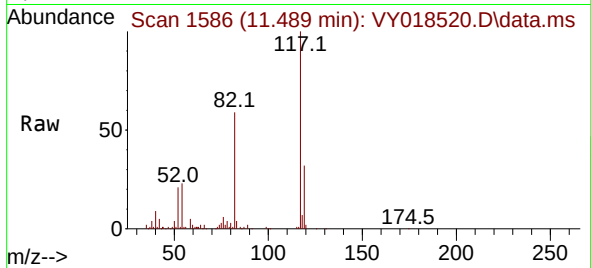




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018520.D
Acq: 07 Jun 2024 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0607SBL01

Tgt Ion:117 Resp: 52283
Ion Ratio Lower Upper
117 100
82 58.7 42.4 63.6
119 32.3 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY018520.D
Acq: 07 Jun 2024 11:38

Tgt Ion:152 Resp: 32179
Ion Ratio Lower Upper
152 100
115 60.7 28.2 84.7
150 154.9 0.0 345.6

