

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030124\
 Data File : VY017543.D
 Acq On : 01 Mar 2024 10:22
 Operator : SY/MD
 Sample : VY0301SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0301SBL01

Quant Time: Mar 02 00:14:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	120088	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	202960	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.502	117	174124	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	72570	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	63132	55.471	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.940%
35) Dibromofluoromethane	7.728	113	72719	51.417	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.840%
50) Toluene-d8	10.191	98	257344	52.043	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.080%
62) 4-Bromofluorobenzene	12.489	95	69539	44.747	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.500%

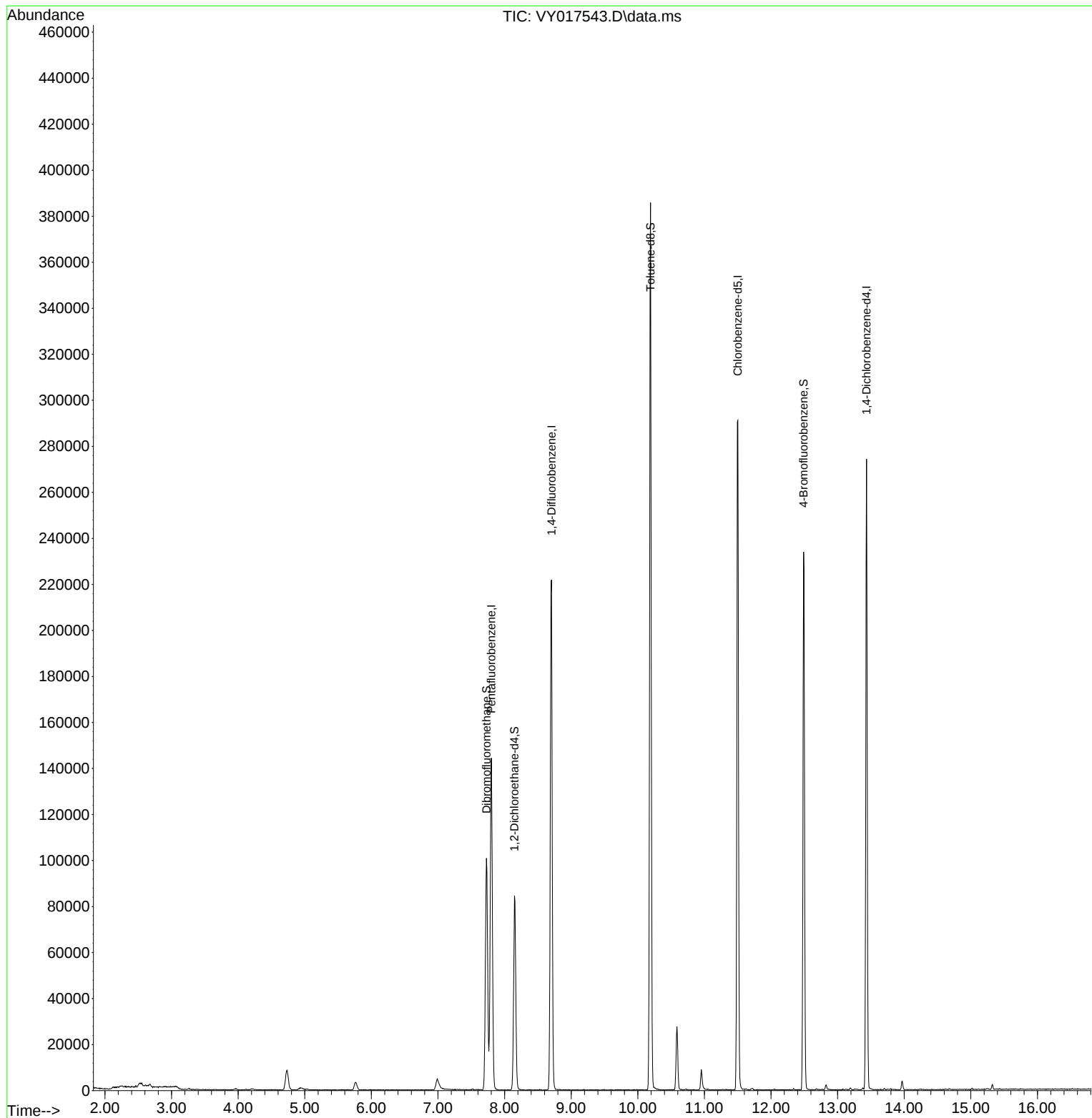
Target Compounds	Qvalue

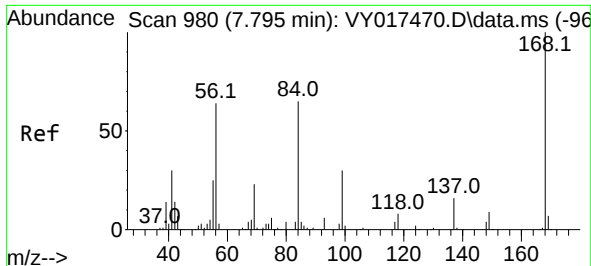
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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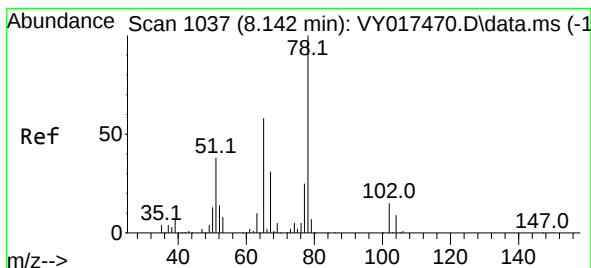
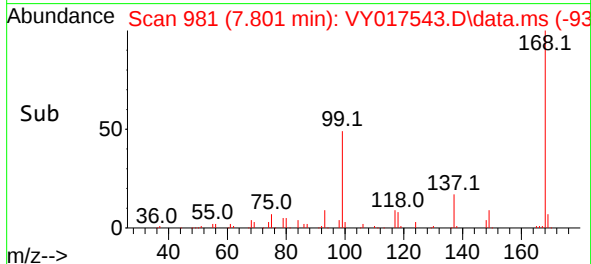
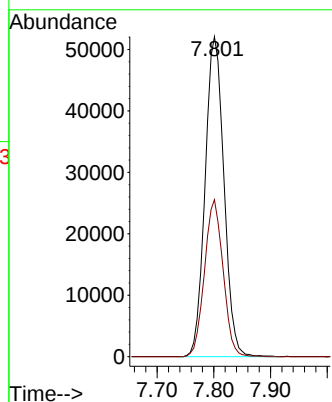
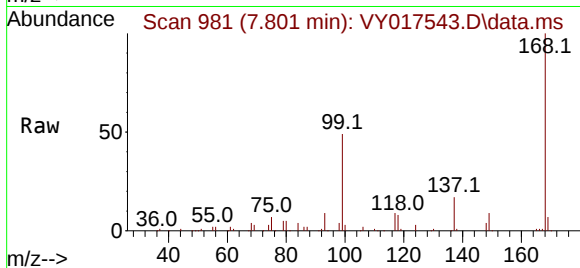




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY017543.D
Acq: 01 Mar 2024 10:22

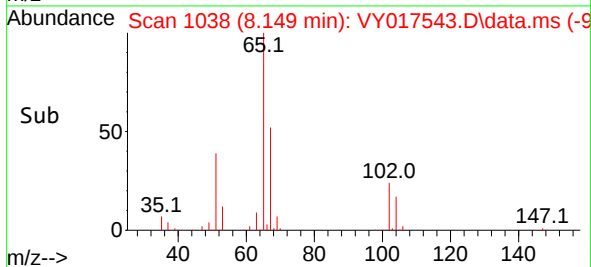
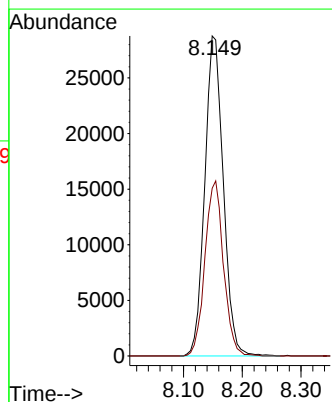
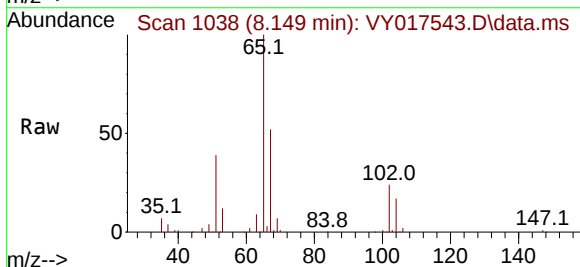
Instrument :
MSVOA_Y
ClientSampleId :
VY0301SBL01

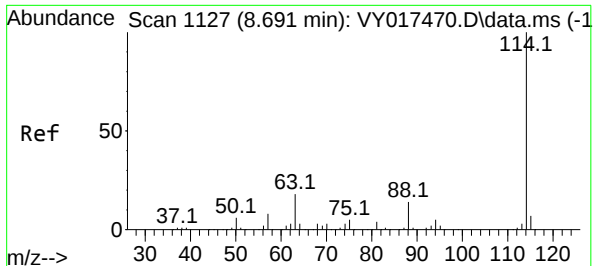
Tgt Ion:168 Resp: 120088
Ion Ratio Lower Upper
168 100
99 49.1 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 55.471 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY017543.D
Acq: 01 Mar 2024 10:22

Tgt Ion: 65 Resp: 63132
Ion Ratio Lower Upper
65 100
67 54.8 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.012 min

Lab File: VY017543.D

Acq: 01 Mar 2024 10:22

Instrument :

MSVOA_Y

ClientSampleId :

VY0301SBL01

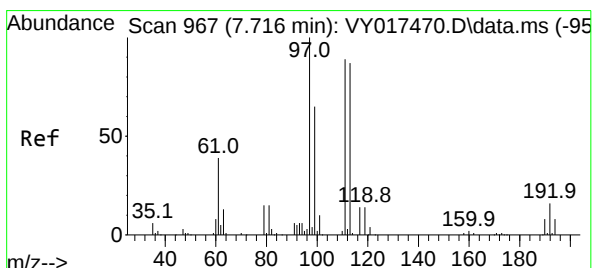
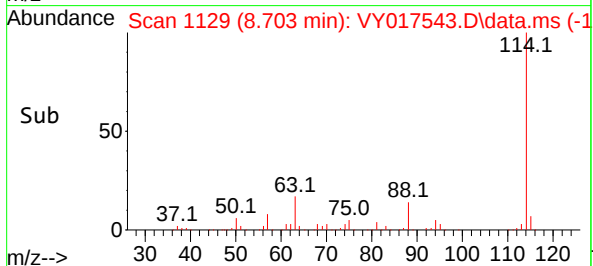
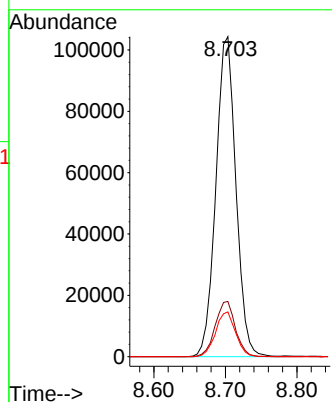
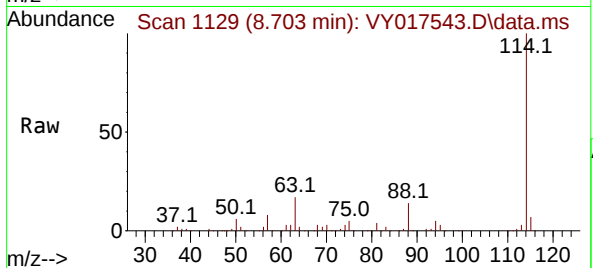
Tgt Ion:114 Resp: 202960

Ion Ratio Lower Upper

114 100

63 17.3 0.0 35.0

88 14.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 51.417 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.012 min

Lab File: VY017543.D

Acq: 01 Mar 2024 10:22

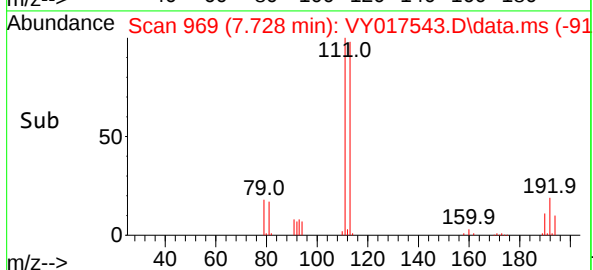
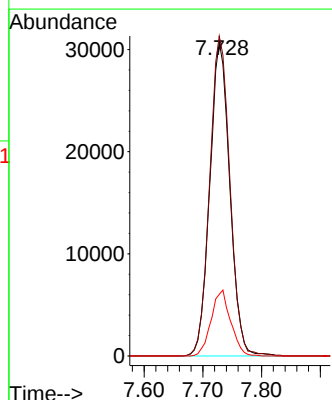
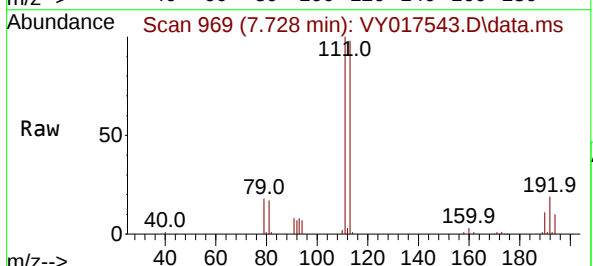
Tgt Ion:113 Resp: 72719

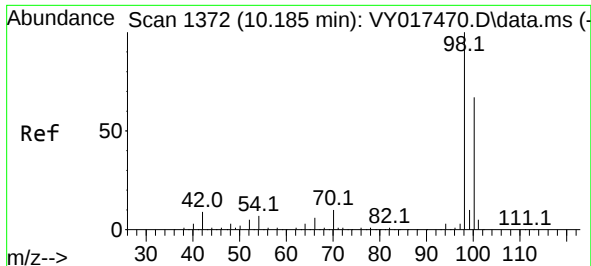
Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.4

192 20.5 15.9 23.9

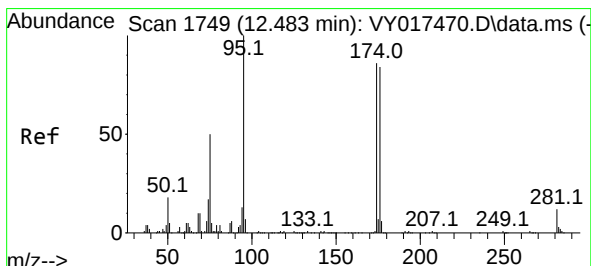
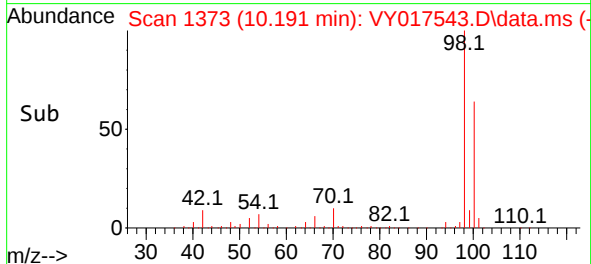
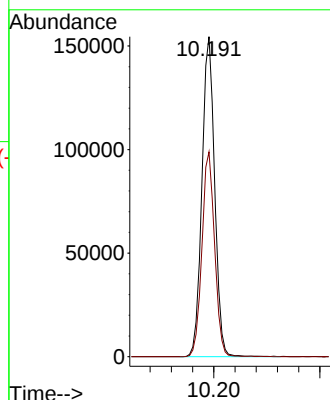
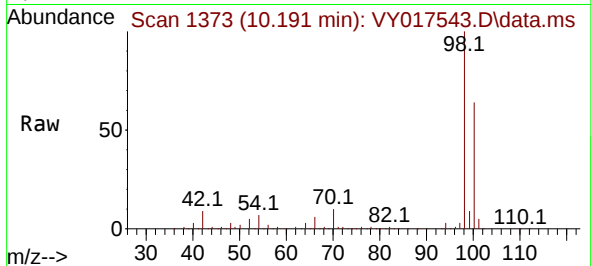




#50
Toluene-d8
Concen: 52.043 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017543.D
Acq: 01 Mar 2024 10:22

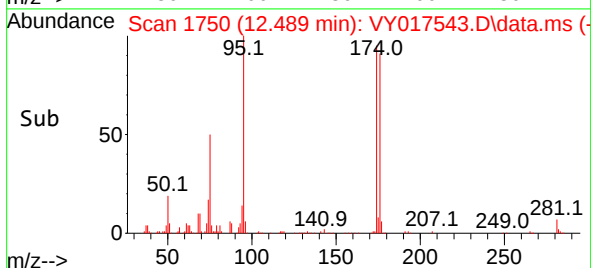
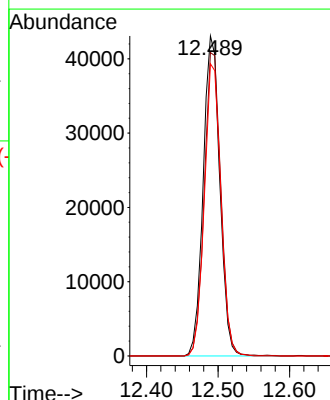
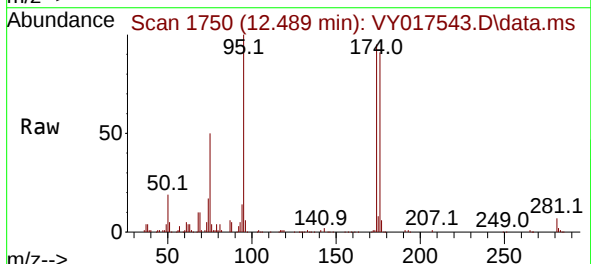
Instrument :
MSVOA_Y
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VY0301SBL01

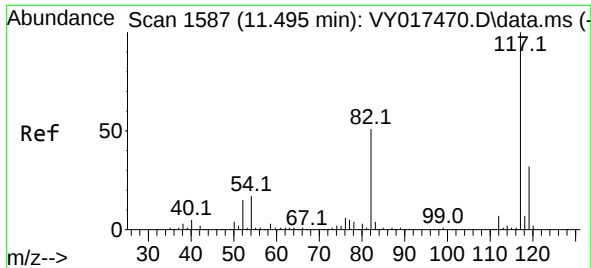
Tgt Ion: 98 Resp: 257344
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.747 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY017543.D
Acq: 01 Mar 2024 10:22

Tgt Ion: 95 Resp: 69539
Ion Ratio Lower Upper
95 100
174 95.1 0.0 175.6
176 90.8 0.0 171.4

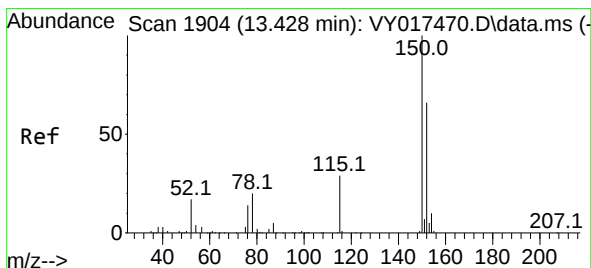
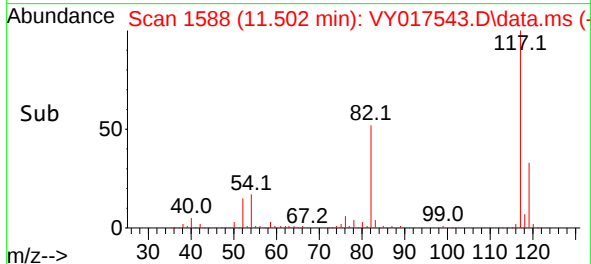
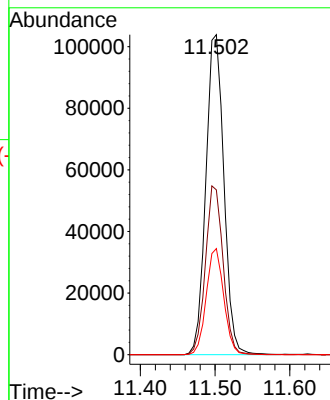
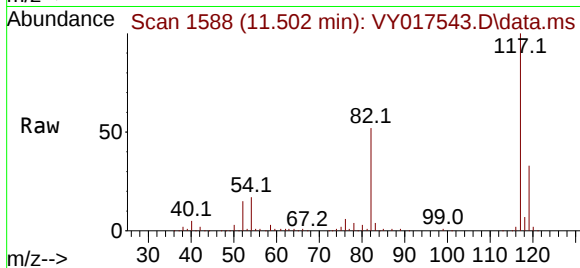




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017543.D
Acq: 01 Mar 2024 10:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0301SBL01

Tgt Ion:117 Resp: 174124
Ion Ratio Lower Upper
117 100
82 51.5 42.4 63.6
119 33.2 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY017543.D
Acq: 01 Mar 2024 10:22

Tgt Ion:152 Resp: 72570
Ion Ratio Lower Upper
152 100
115 54.6 28.2 84.7
150 156.8 0.0 345.6

