

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030124\
 Data File : VY017553.D
 Acq On : 01 Mar 2024 16:13
 Operator : SY/MD
 Sample : P1620-21RE
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-3RE

Quant Time: Mar 02 00:20:18 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	7.795	168	65604	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	100582	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	77880	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	25403	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	24794	39.878	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	79.760%
35) Dibromofluoromethane	7.722	113	31991	45.644	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.280%
50) Toluene-d8	10.191	98	112122	45.754	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.500%
62) 4-Bromofluorobenzene	12.489	95	24197	31.419	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	62.840%

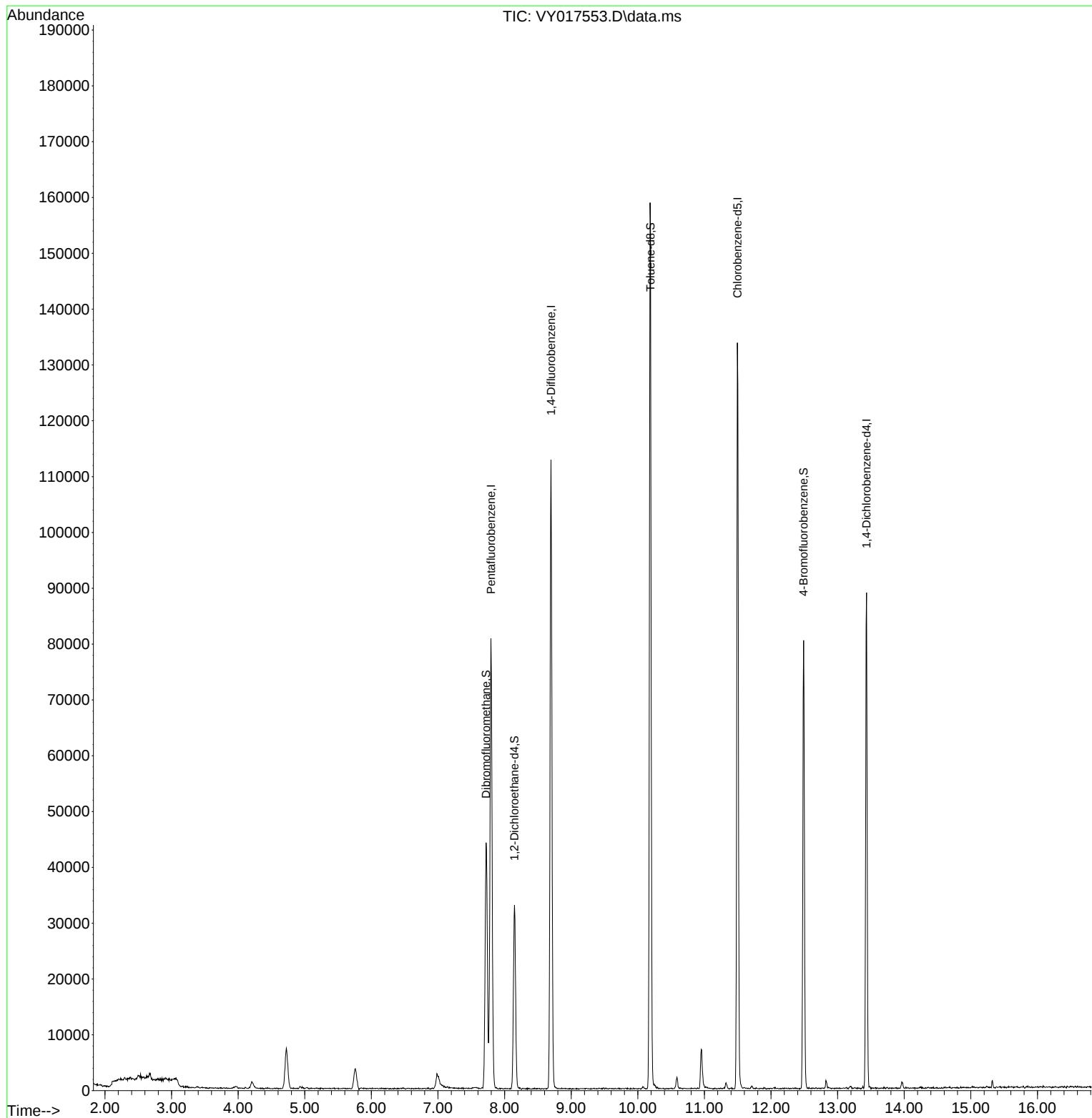
Target Compounds	Qvalue

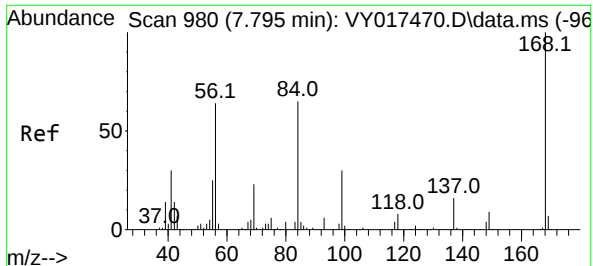
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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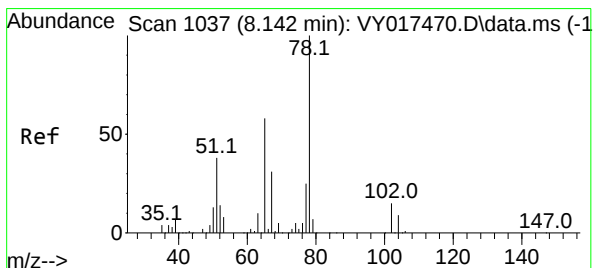
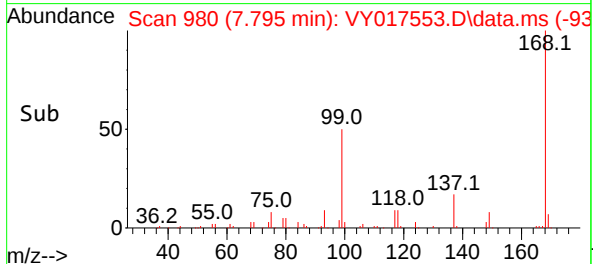
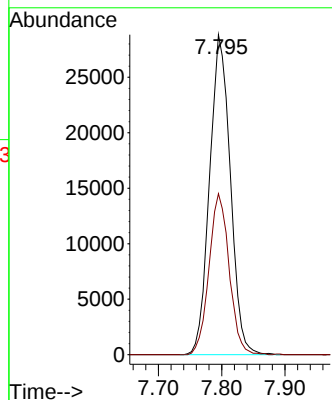
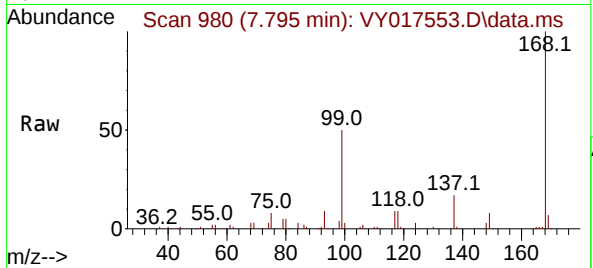




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 99
Delta R.T. -0.000 min
Lab File: VY017553.D
Acq: 01 Mar 2024 16:13

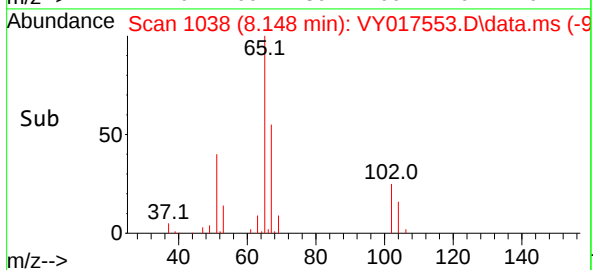
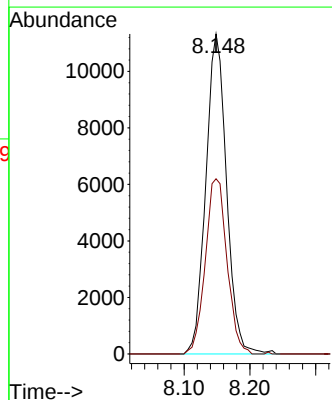
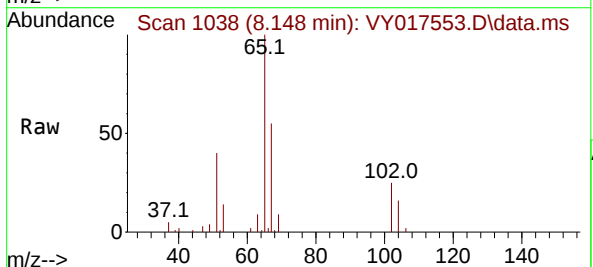
Instrument :
MSVOA_Y
ClientSampleId :
SP-3RE

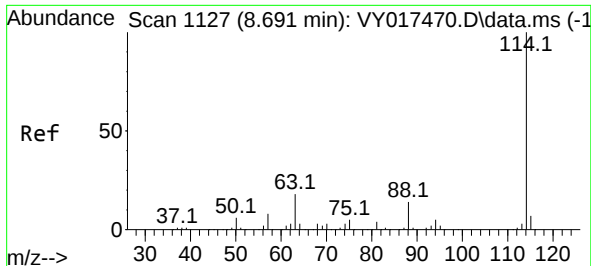
Tgt Ion:168 Resp: 65604
Ion Ratio Lower Upper
168 100
99 50.3 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 39.878 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY017553.D
Acq: 01 Mar 2024 16:13

Tgt Ion: 65 Resp: 24794
Ion Ratio Lower Upper
65 100
67 57.3 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY017553.D

Acq: 01 Mar 2024 16:13

Instrument :

MSVOA_Y

ClientSampleId :

SP-3RE

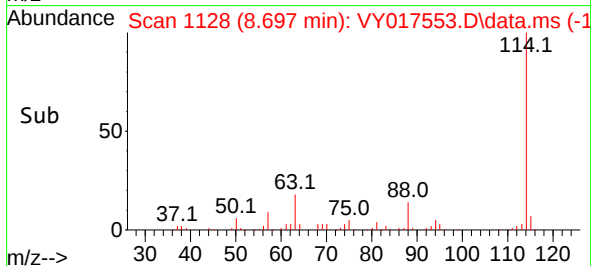
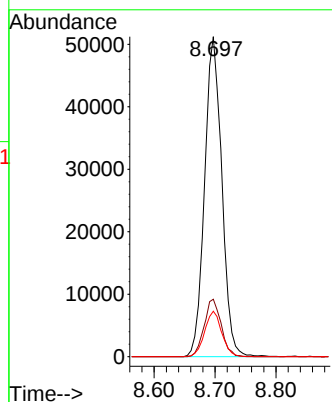
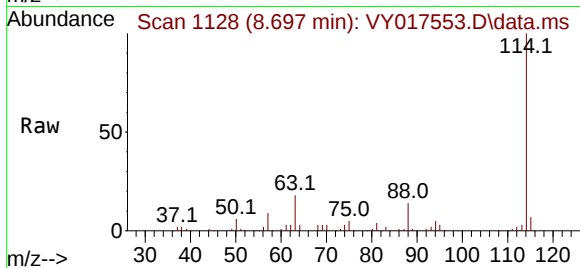
Tgt Ion:114 Resp: 100582

Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.0

88 14.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 45.644 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY017553.D

Acq: 01 Mar 2024 16:13

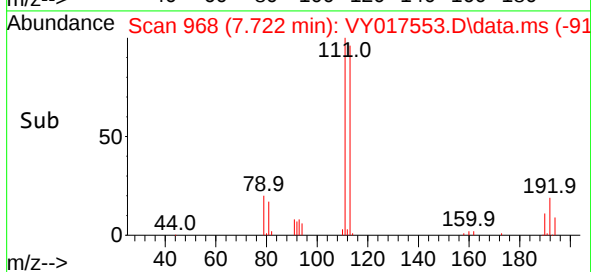
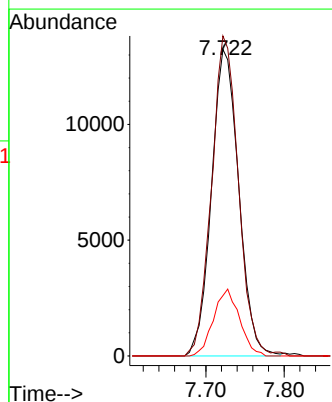
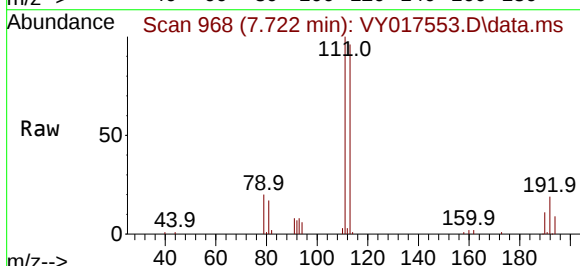
Tgt Ion:113 Resp: 31991

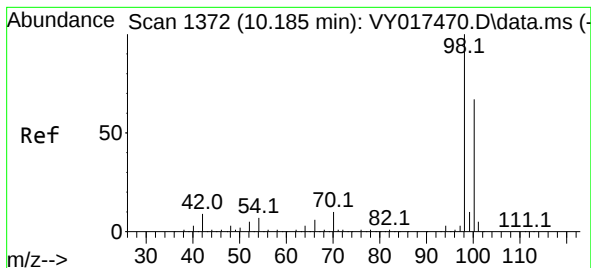
Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.4

192 20.8 15.9 23.9

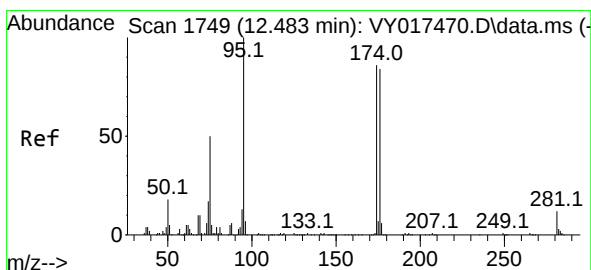
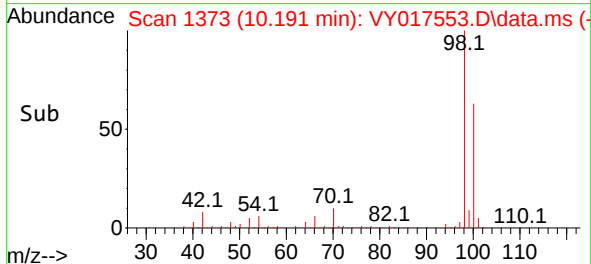
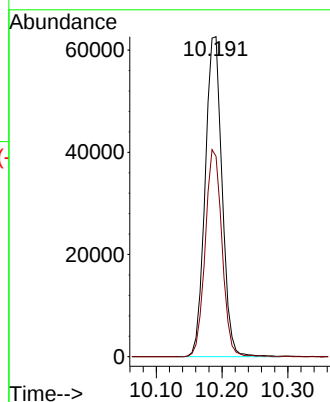
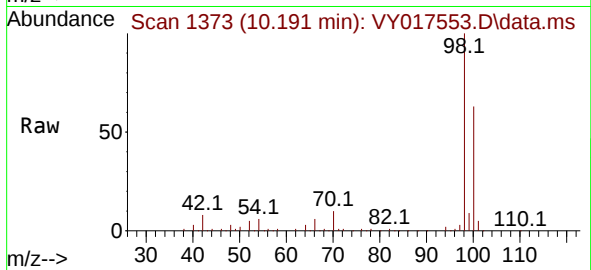




#50
Toluene-d8
Concen: 45.754 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017553.D
Acq: 01 Mar 2024 16:13

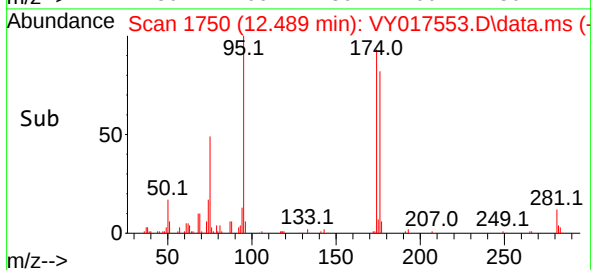
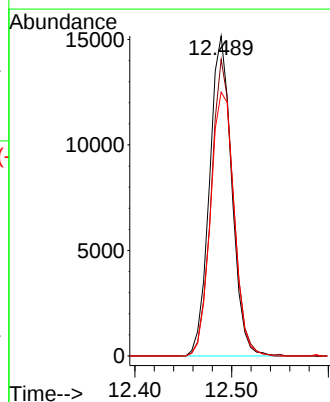
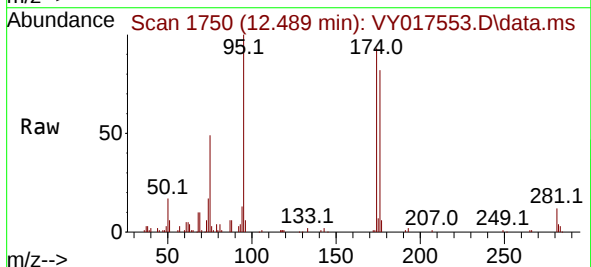
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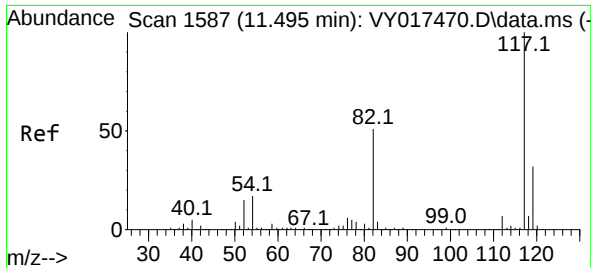
Tgt Ion: 98 Resp: 112122
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 31.419 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY017553.D
Acq: 01 Mar 2024 16:13

Tgt Ion: 95 Resp: 24197
Ion Ratio Lower Upper
95 100
174 92.2 0.0 175.6
176 87.8 0.0 171.4

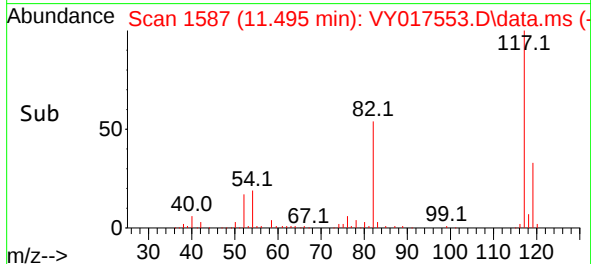
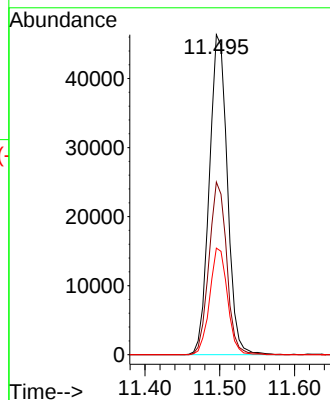
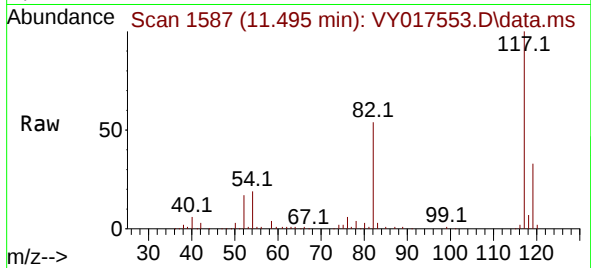




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017553.D
Acq: 01 Mar 2024 16:13

Instrument :
MSVOA_Y
ClientSampleId :
SP-3RE

Tgt Ion:117 Resp: 77880
Ion Ratio Lower Upper
117 100
82 54.0 42.4 63.6
119 33.3 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: VY017553.D
Acq: 01 Mar 2024 16:13

Tgt Ion:152 Resp: 25403
Ion Ratio Lower Upper
152 100
115 52.5 28.2 84.7
150 150.9 0.0 345.6

