

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051923\
 Data File : VY013814.D
 Acq On : 19 May 2023 12:29
 Operator : KP/MD
 Sample : VY0519SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0519SBL01

Quant Time: May 22 04:09:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051723S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 18 06:54:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	232891	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	379678	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	340708	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	156054	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	151347	55.942	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.880%
35) Dibromofluoromethane	7.722	113	124283	51.046	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.100%
50) Toluene-d8	10.185	98	434688	47.093	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.180%
62) 4-Bromofluorobenzene	12.483	95	138462	45.162	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.320%

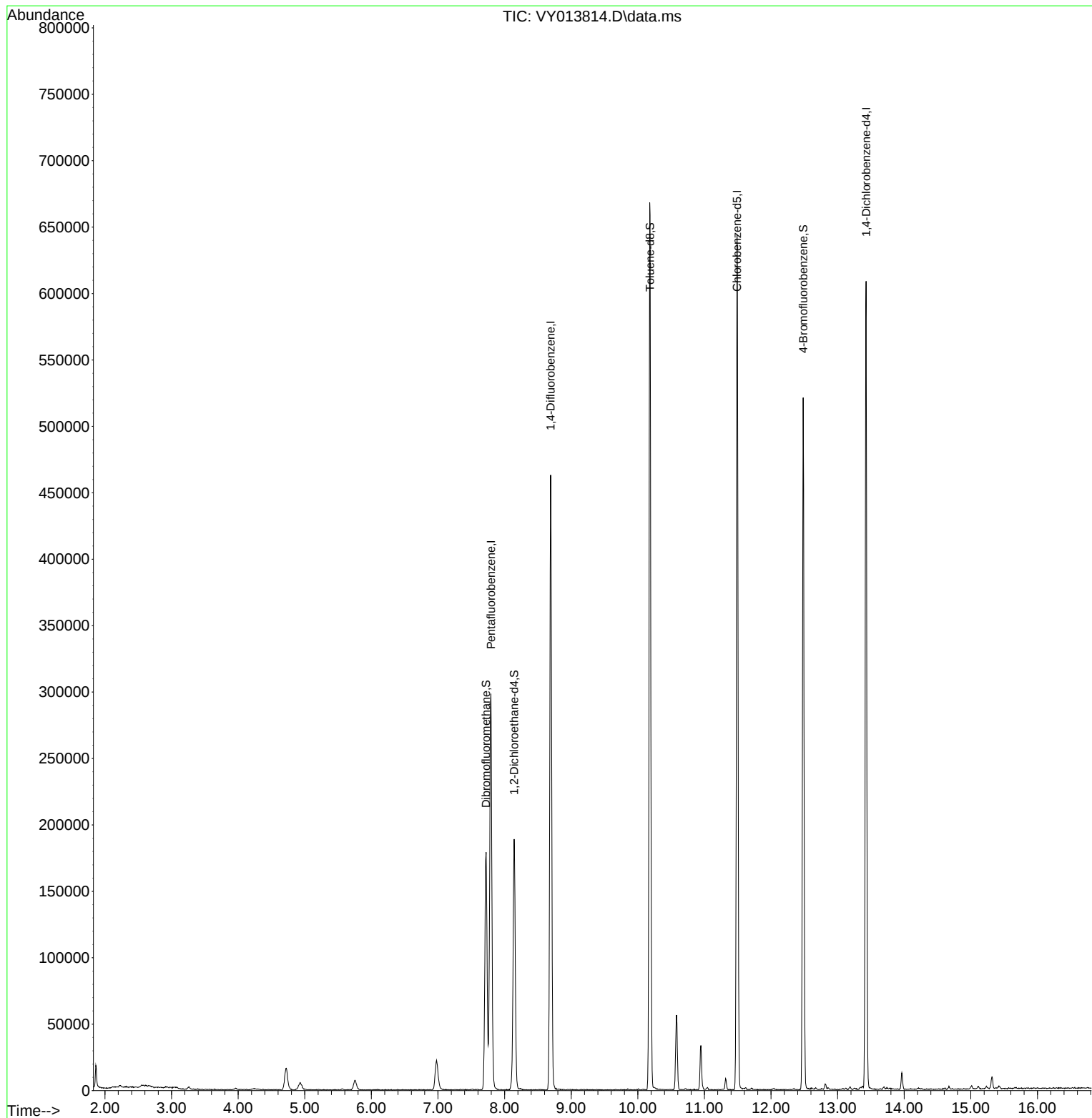
Target Compounds	Qvalue

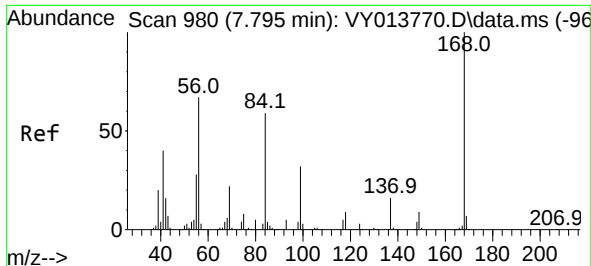
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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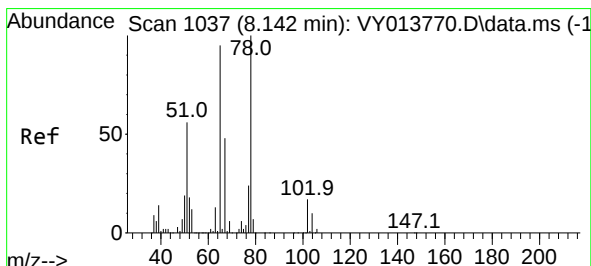
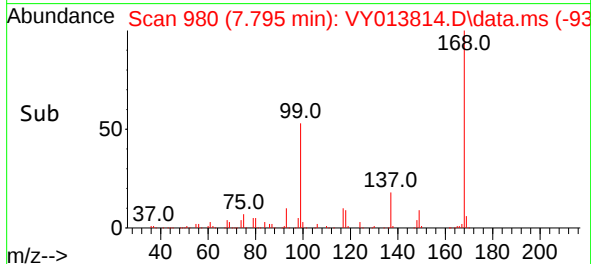
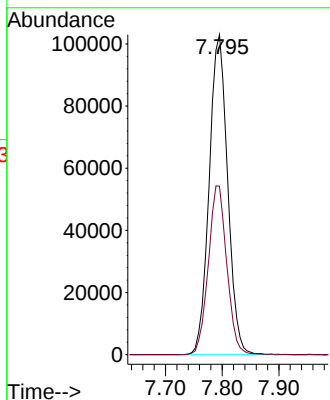
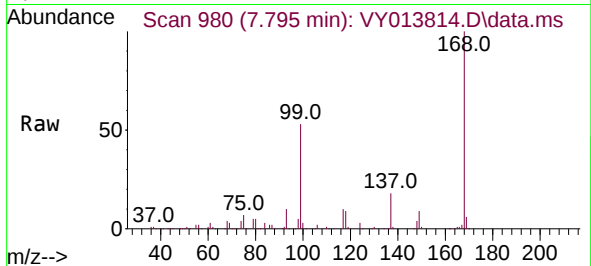




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY013814.D
Acq: 19 May 2023 12:29

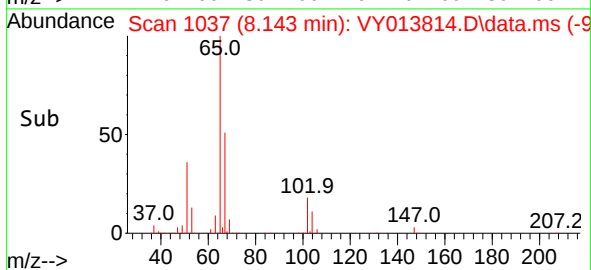
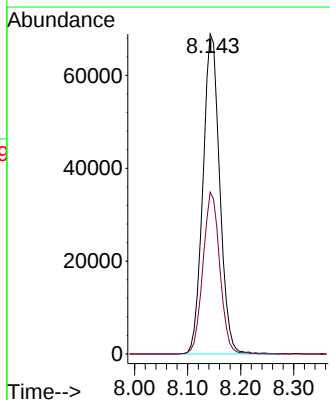
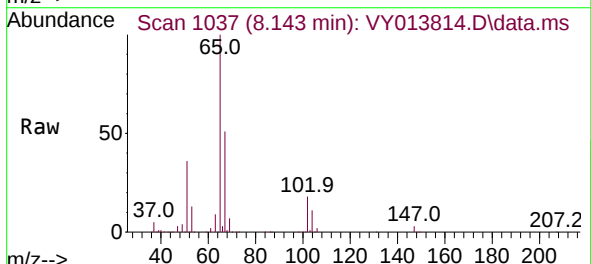
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBL01

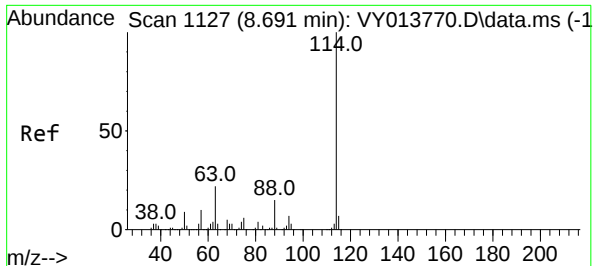
Tgt Ion:168 Resp: 232891
Ion Ratio Lower Upper
168 100
99 52.6 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 55.942 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY013814.D
Acq: 19 May 2023 12:29

Tgt Ion: 65 Resp: 151347
Ion Ratio Lower Upper
65 100
67 50.8 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013814.D

Acq: 19 May 2023 12:29

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBL01

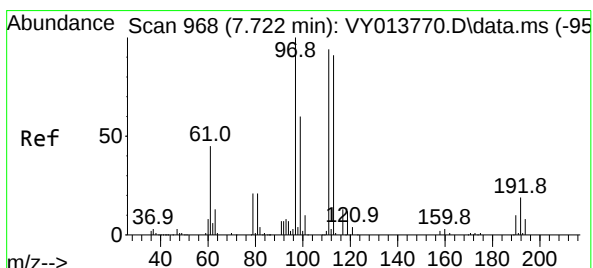
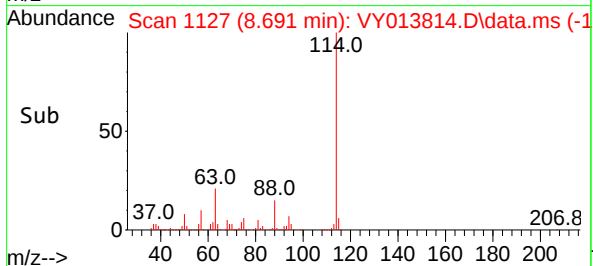
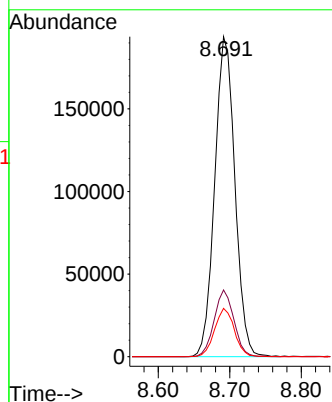
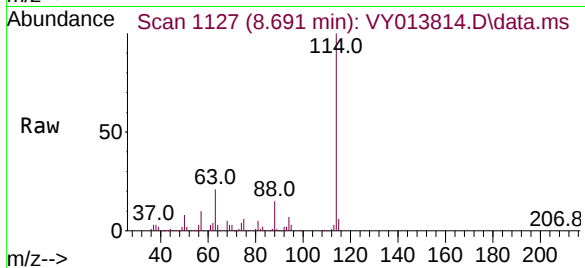
Tgt Ion:114 Resp: 379678

Ion Ratio Lower Upper

114 100

63 20.8 0.0 43.8

88 15.1 0.0 30.8



#35

Dibromofluoromethane

Concen: 51.046 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY013814.D

Acq: 19 May 2023 12:29

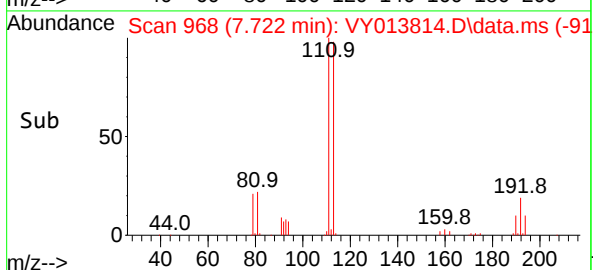
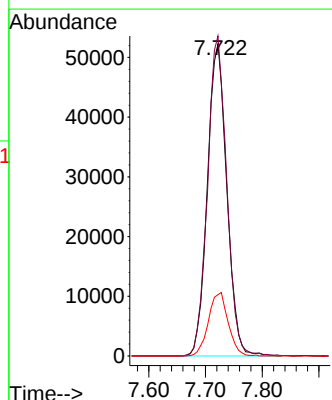
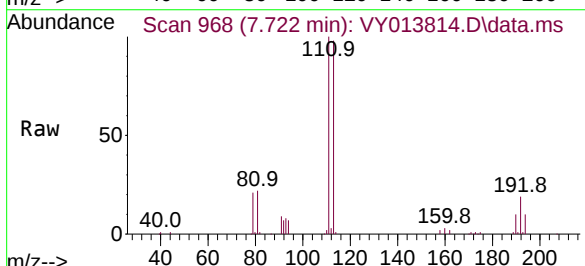
Tgt Ion:113 Resp: 124283

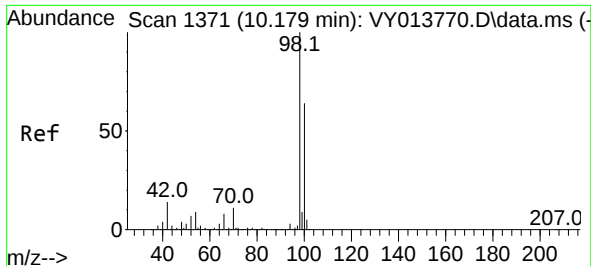
Ion Ratio Lower Upper

113 100

111 101.6 82.3 123.5

192 20.7 16.0 24.0

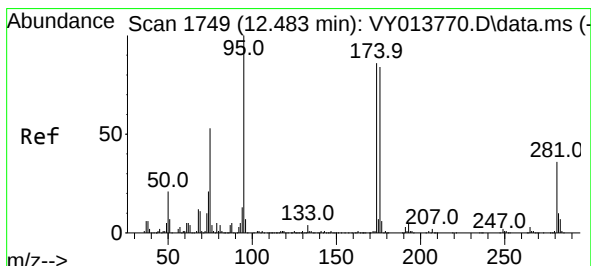
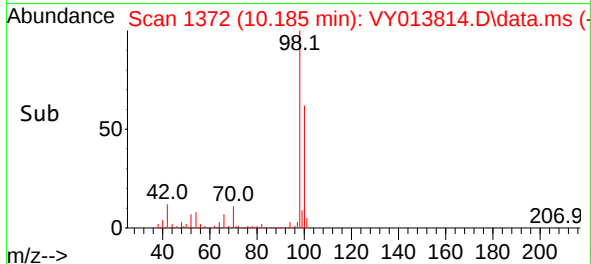
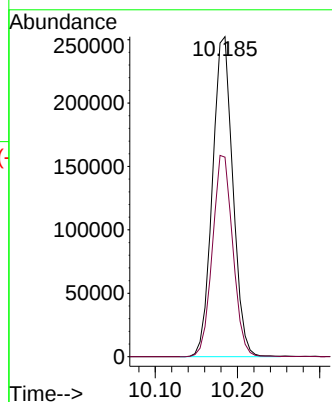
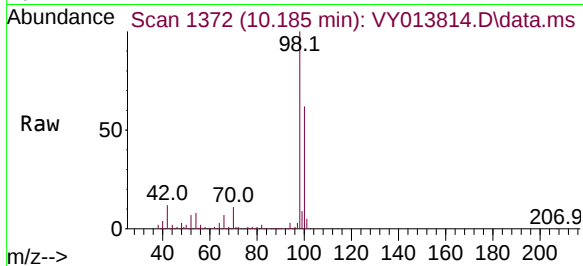




#50
Toluene-d8
Concen: 47.093 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013814.D
Acq: 19 May 2023 12:29

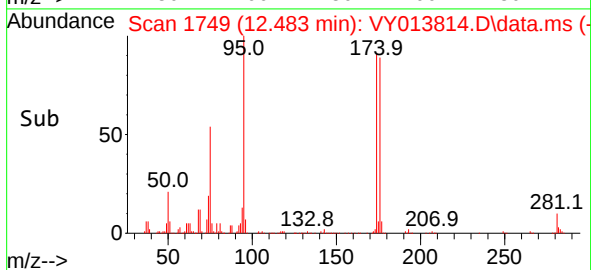
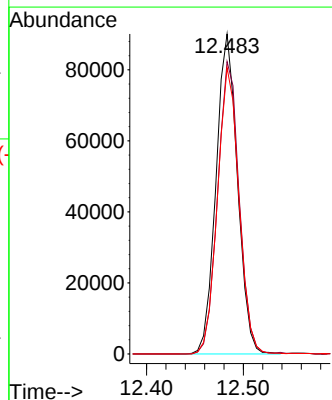
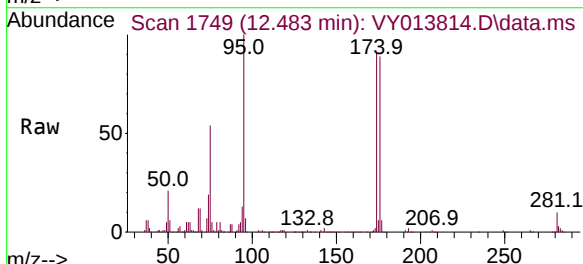
Instrument :
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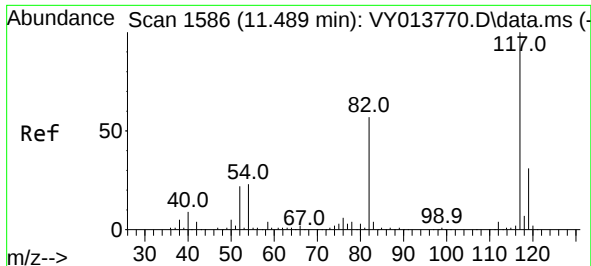
Tgt Ion: 98 Resp: 434688
Ion Ratio Lower Upper
98 100
100 62.9 51.0 76.6



#62
4-Bromofluorobenzene
Concen: 45.162 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013814.D
Acq: 19 May 2023 12:29

Tgt Ion: 95 Resp: 138462
Ion Ratio Lower Upper
95 100
174 91.6 0.0 168.8
176 89.6 0.0 165.2

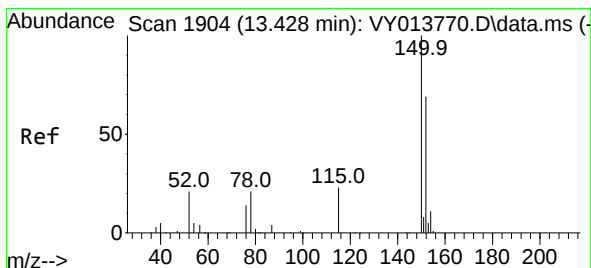
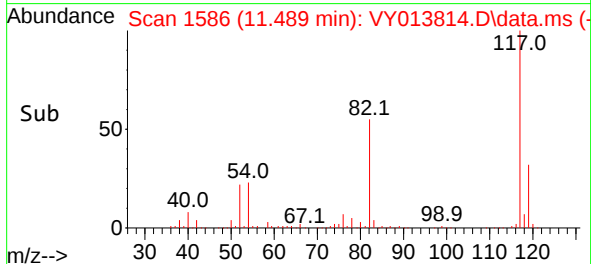
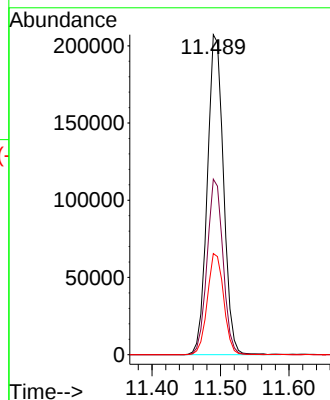
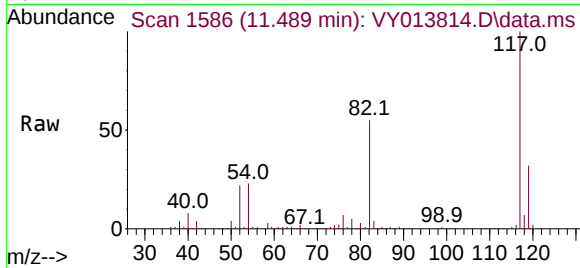




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY013814.D
Acq: 19 May 2023 12:29

Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBL01

Tgt Ion:117 Resp: 340708
Ion Ratio Lower Upper
117 100
82 54.9 45.5 68.3
119 31.6 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY013814.D
Acq: 19 May 2023 12:29

Tgt Ion:152 Resp: 156054
Ion Ratio Lower Upper
152 100
115 56.4 28.5 85.5
150 157.3 0.0 347.0

