

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101623\
 Data File : VY015975.D
 Acq On : 16 Oct 2023 10:05
 Operator : SY/MD
 Sample : VY1016SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1016SBL01

Quant Time: Oct 17 05:39:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 13 13:13:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	147296	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.703	114	253452	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	235913	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	109328	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	94132	55.996	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.000%
35) Dibromofluoromethane	7.734	113	83745	52.484	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.960%
50) Toluene-d8	10.191	98	297644	49.811	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.620%
62) 4-Bromofluorobenzene	12.495	95	101018	47.476	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.960%

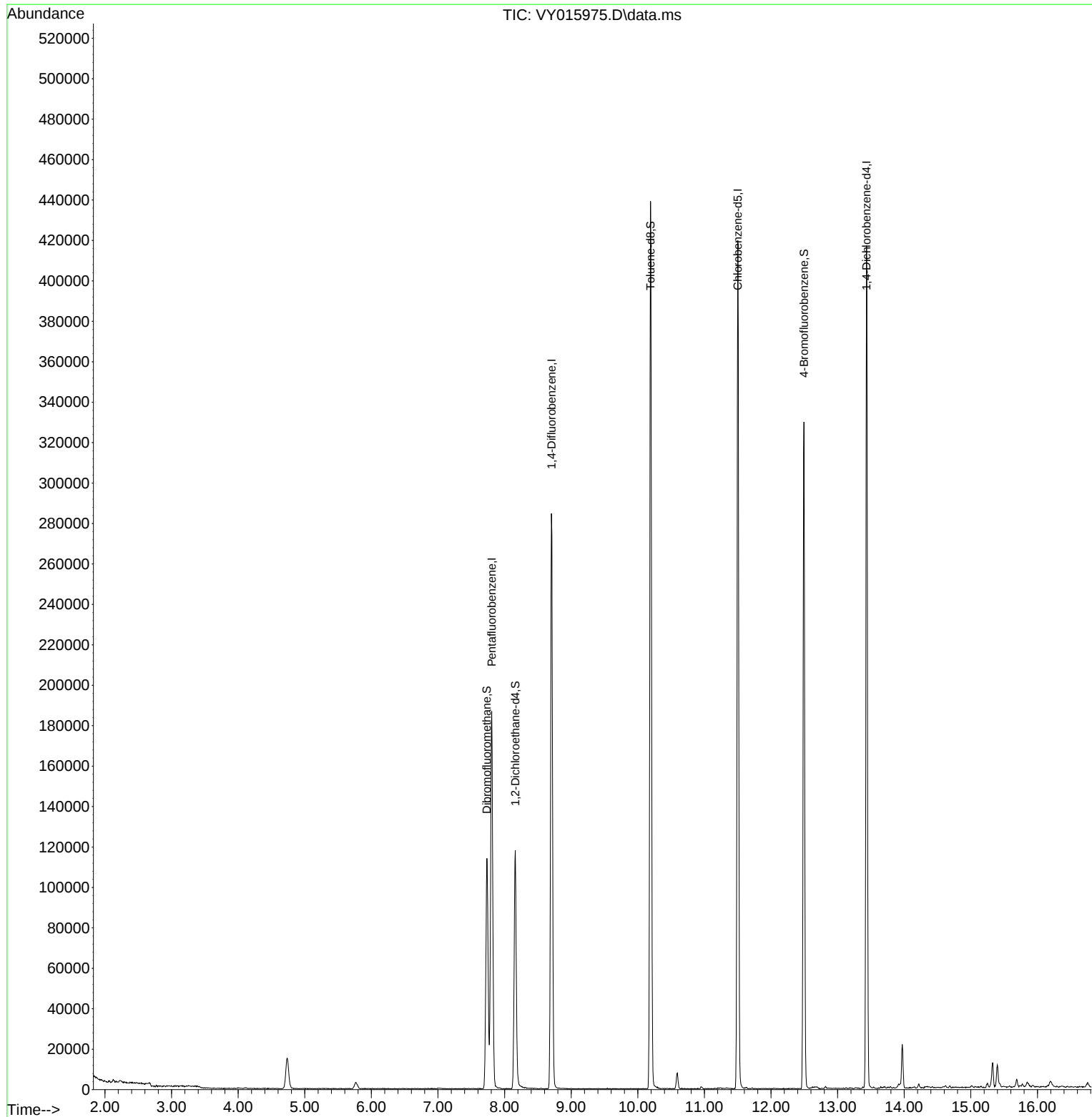
Target Compounds	Qvalue

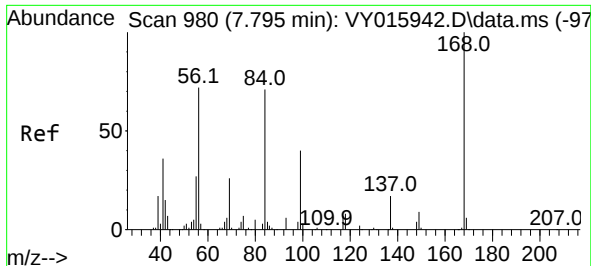
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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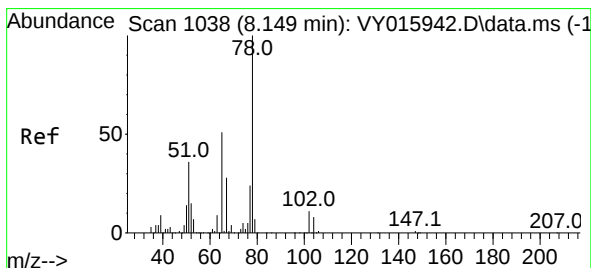
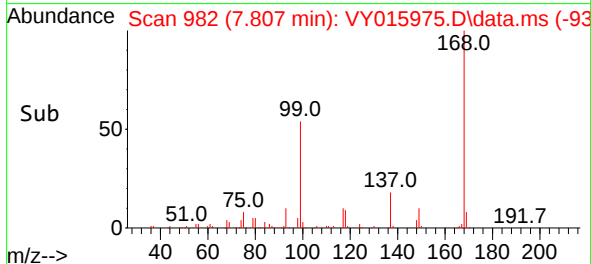
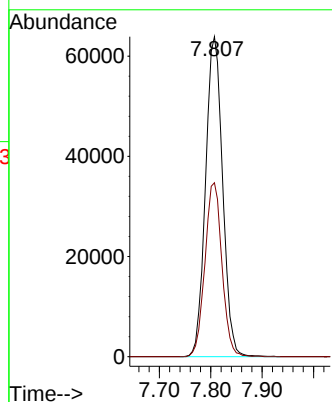
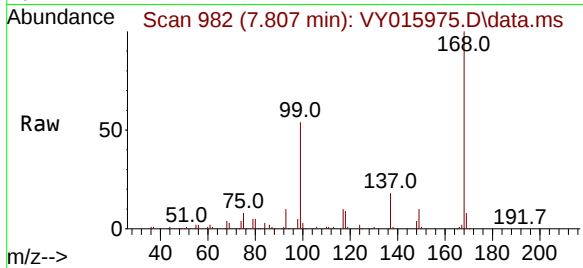




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015975.D
Acq: 16 Oct 2023 10:05

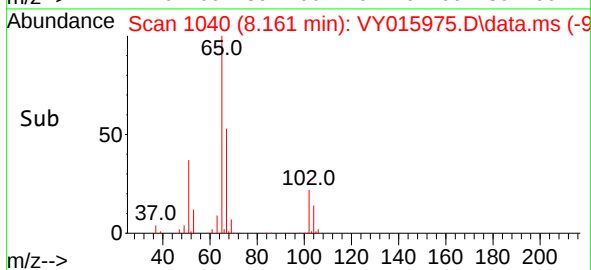
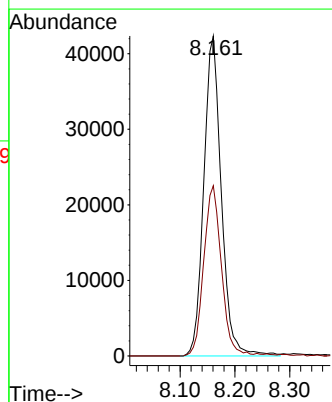
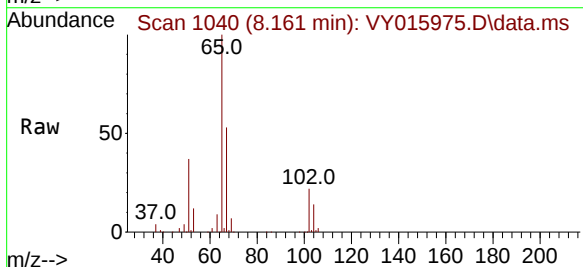
Instrument :
MSVOA_Y
ClientSampleId :
VY1016SBL01

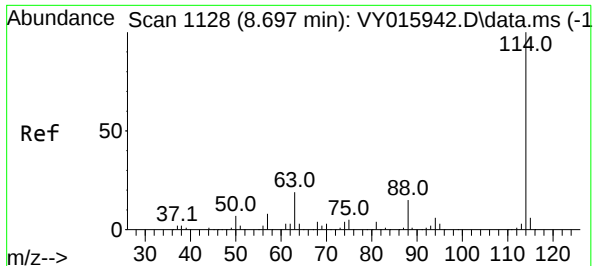
Tgt Ion:168 Resp: 147296
Ion Ratio Lower Upper
168 100
99 54.4 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 55.996 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.012 min
Lab File: VY015975.D
Acq: 16 Oct 2023 10:05

Tgt Ion: 65 Resp: 94132
Ion Ratio Lower Upper
65 100
67 53.4 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY015975.D

Acq: 16 Oct 2023 10:05

Instrument :

MSVOA_Y

ClientSampleId :

VY1016SBL01

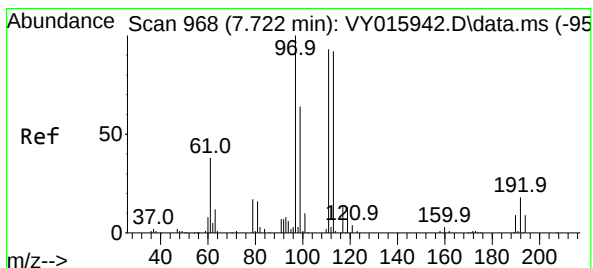
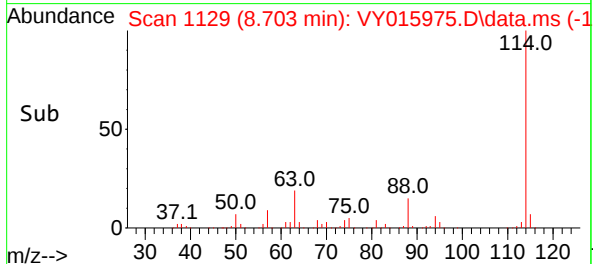
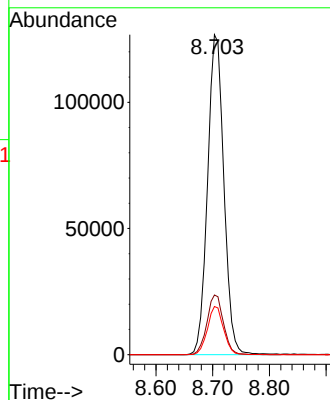
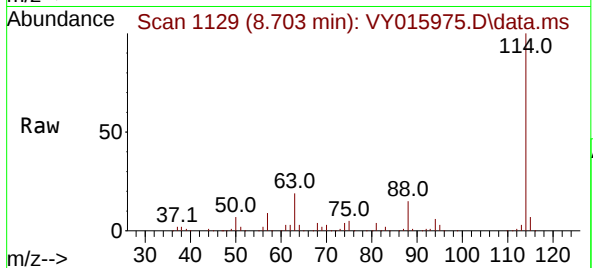
Tgt Ion:114 Resp: 253452

Ion Ratio Lower Upper

114 100

63 18.6 0.0 42.4

88 15.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.484 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.012 min

Lab File: VY015975.D

Acq: 16 Oct 2023 10:05

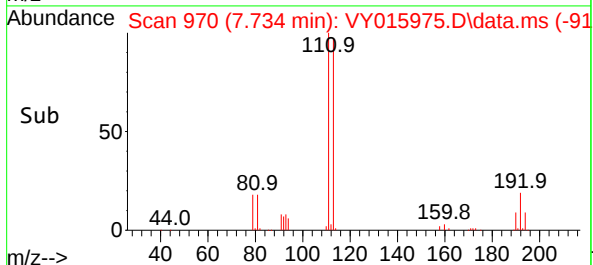
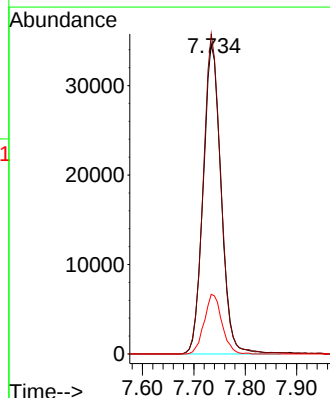
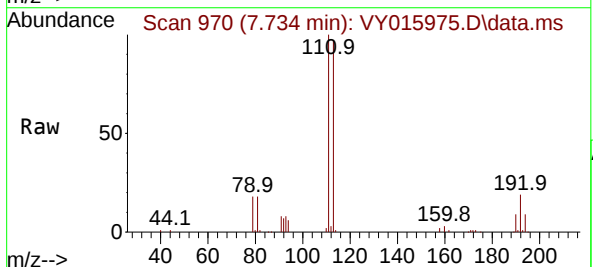
Tgt Ion:113 Resp: 83745

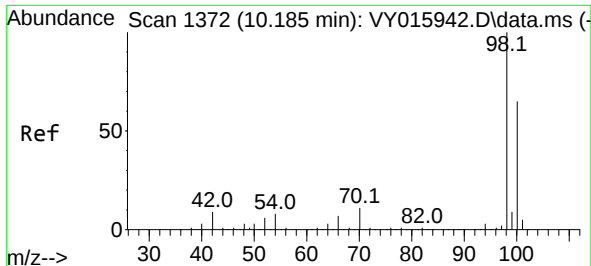
Ion Ratio Lower Upper

113 100

111 101.4 81.3 121.9

192 19.0 16.9 25.3

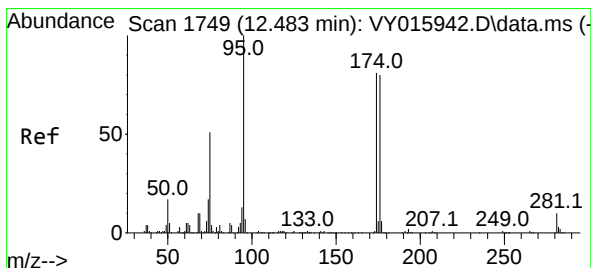
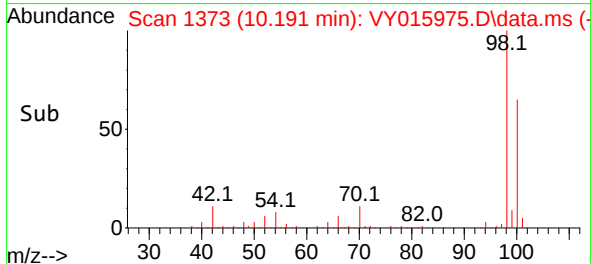
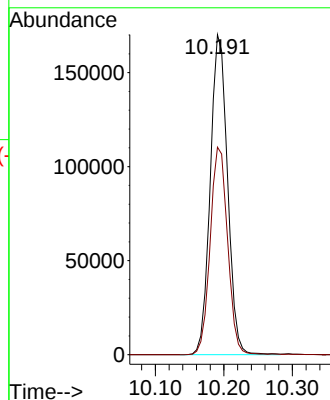
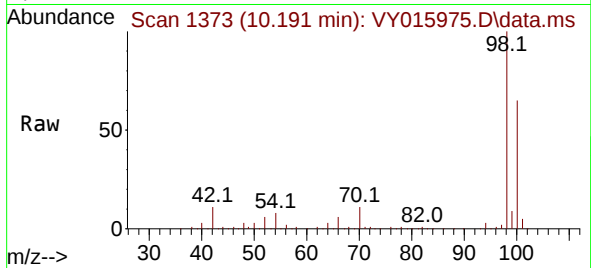




#50
Toluene-d8
Concen: 49.811 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015975.D
Acq: 16 Oct 2023 10:05

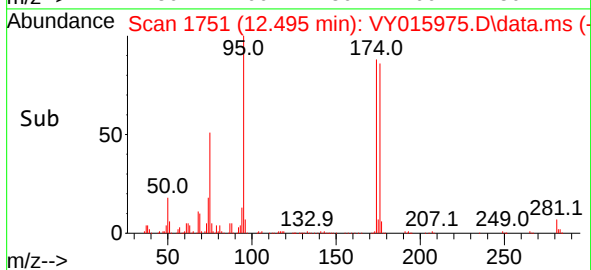
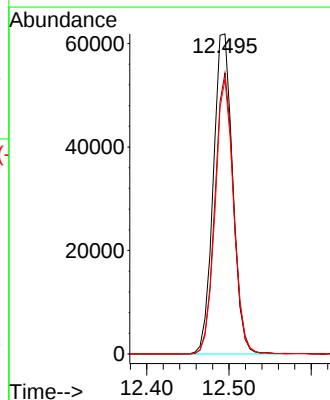
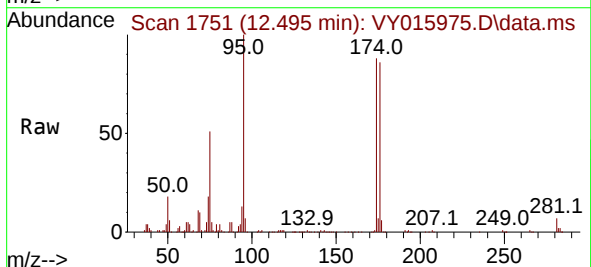
Instrument :
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VY1016SBL01

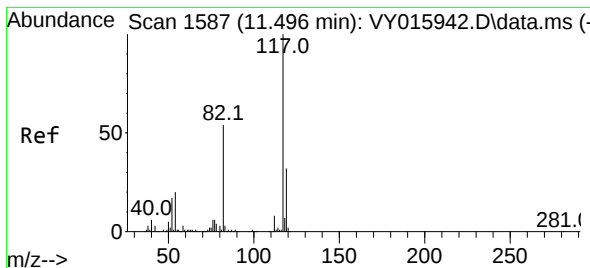
Tgt Ion: 98 Resp: 297644
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 47.476 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.012 min
Lab File: VY015975.D
Acq: 16 Oct 2023 10:05

Tgt Ion: 95 Resp: 101018
Ion Ratio Lower Upper
95 100
174 84.9 0.0 178.2
176 81.9 0.0 173.8

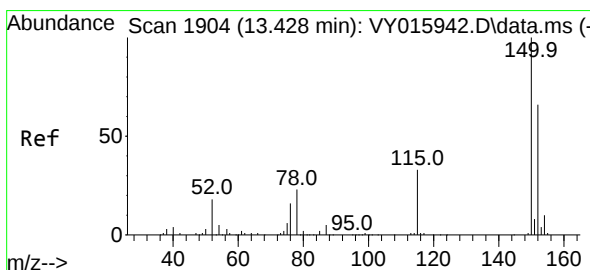
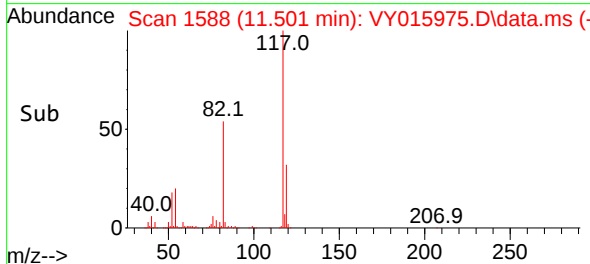
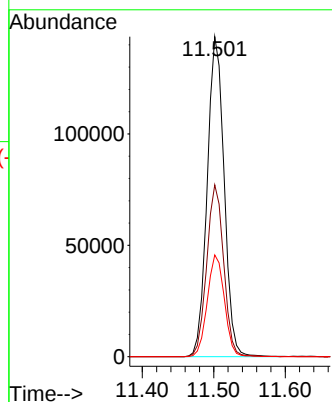
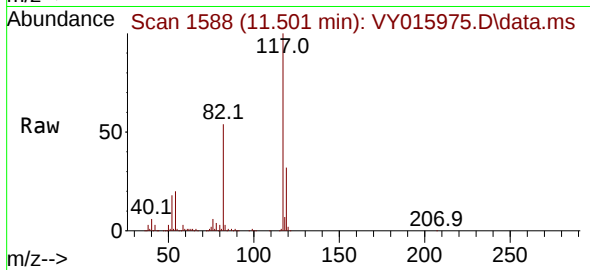




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.501 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015975.D
Acq: 16 Oct 2023 10:05

Instrument :
MSVOA_Y
ClientSampleId :
VY1016SBL01

Tgt Ion:117 Resp: 235913
Ion Ratio Lower Upper
117 100
82 53.7 43.4 65.0
119 31.8 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY015975.D
Acq: 16 Oct 2023 10:05

Tgt Ion:152 Resp: 109328
Ion Ratio Lower Upper
152 100
115 58.1 28.8 86.5
150 158.1 0.0 348.8

