

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082123\
 Data File : VY015212.D
 Acq On : 21 Aug 2023 11:02
 Operator : SY/MD
 Sample : VY0821SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0821SBL01

Quant Time: Aug 22 05:38:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	142771	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	252010	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	251369	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	126616	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	92578	54.018	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.040%
35) Dibromofluoromethane	7.710	113	79648	49.127	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.260%
50) Toluene-d8	10.179	98	302667	50.150	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.300%
62) 4-Bromofluorobenzene	12.477	95	116420	52.813	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	105.620%

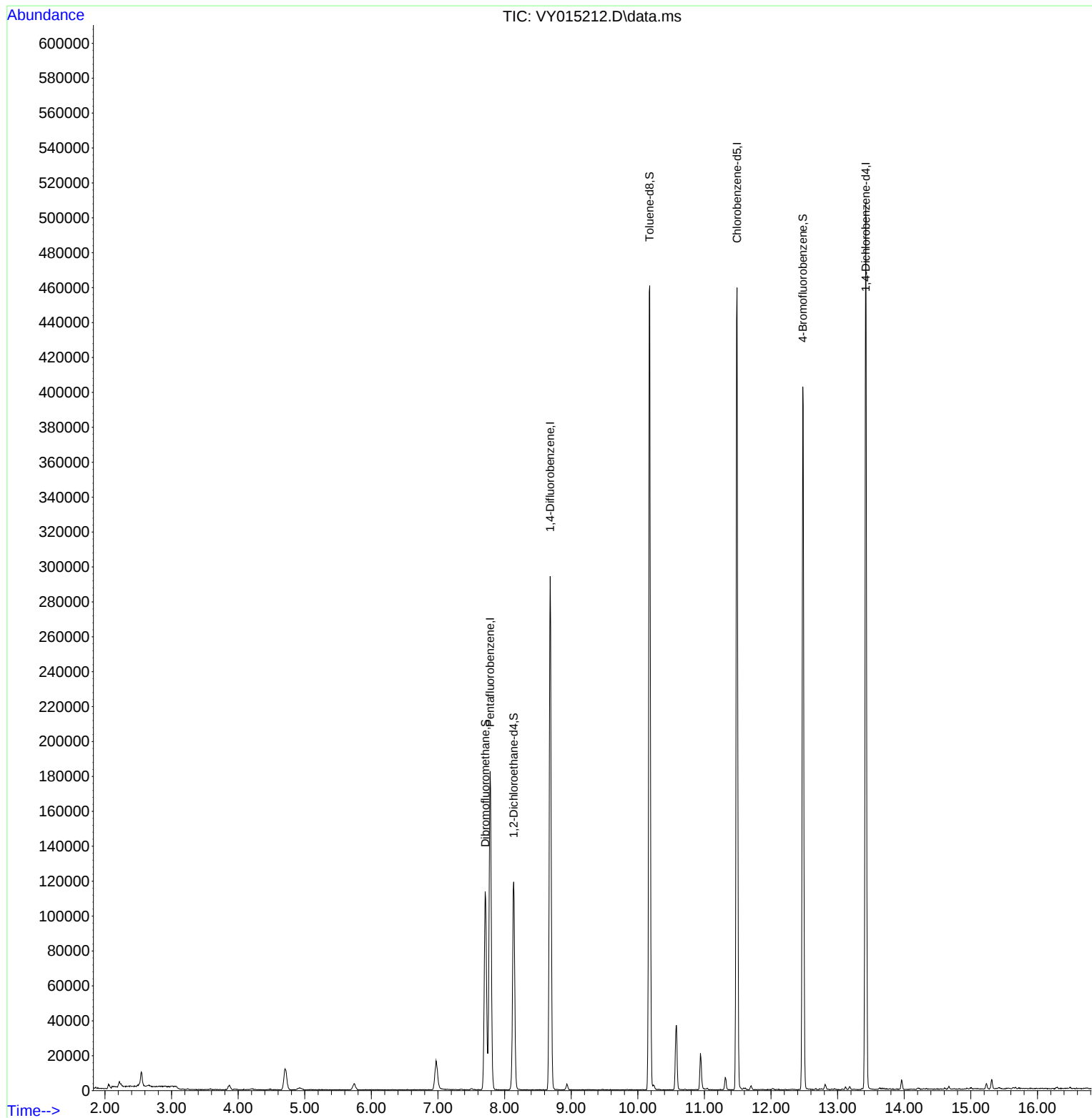
Target Compounds	Qvalue

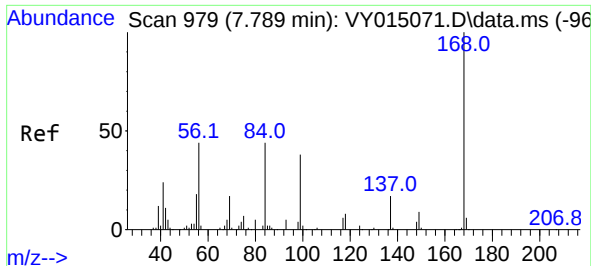
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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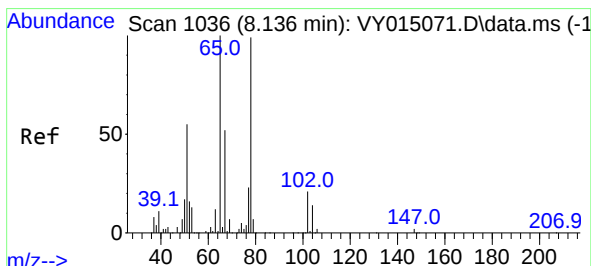
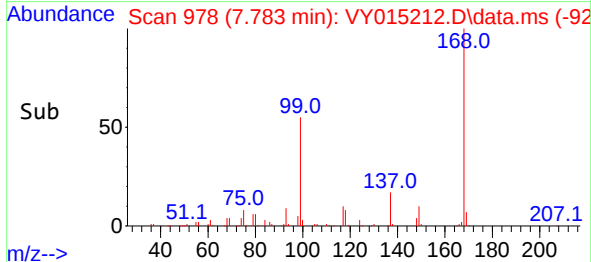
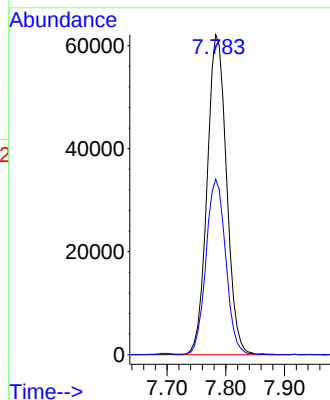
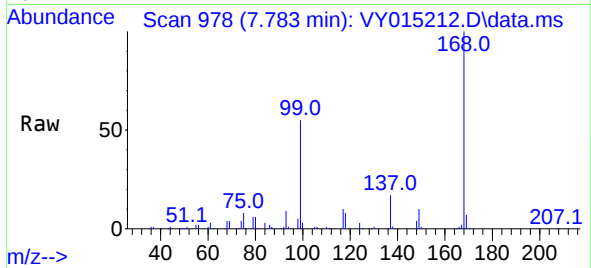




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015212.D
Acq: 21 Aug 2023 11:02

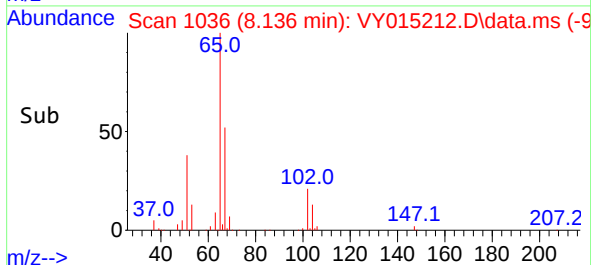
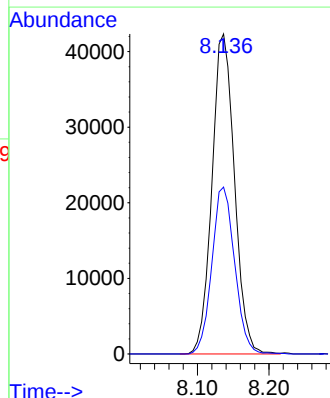
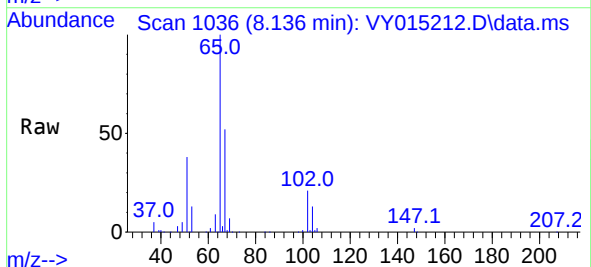
Instrument :
MSVOA_Y
ClientSampleId :
VY0821SBL01

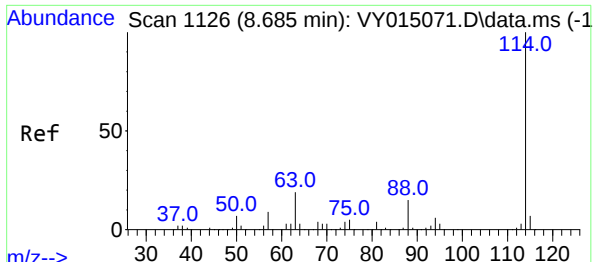
Tgt Ion:168 Resp: 142771
Ion Ratio Lower Upper
168 100
99 54.8 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 54.018 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015212.D
Acq: 21 Aug 2023 11:02

Tgt Ion: 65 Resp: 92578
Ion Ratio Lower Upper
65 100
67 52.8 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY015212.D

Acq: 21 Aug 2023 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0821SBL01

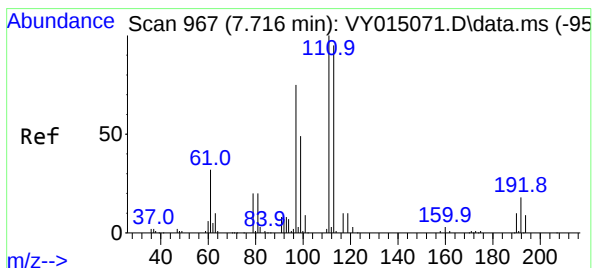
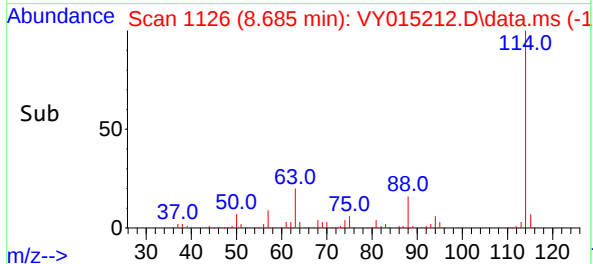
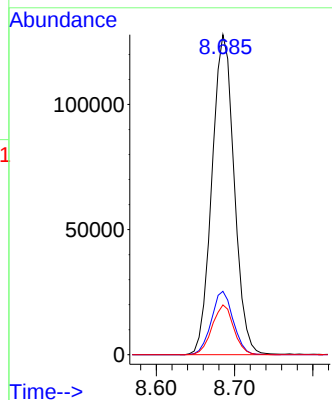
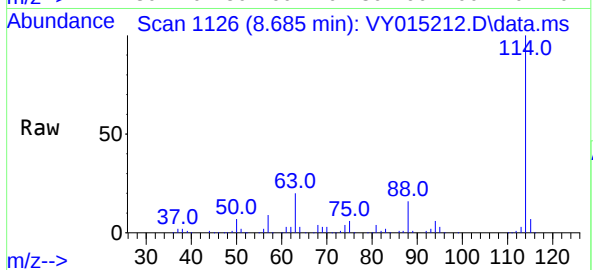
Tgt Ion:114 Resp: 252010

Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.4

88 15.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.127 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY015212.D

Acq: 21 Aug 2023 11:02

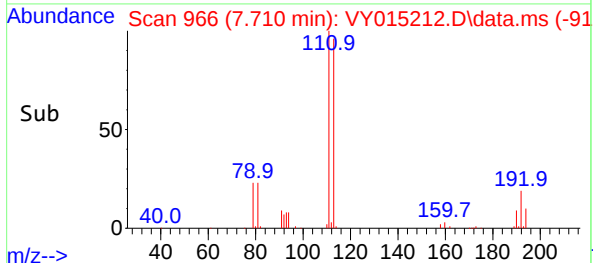
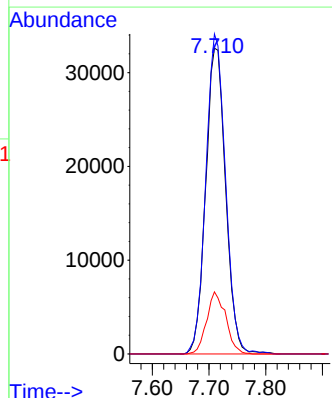
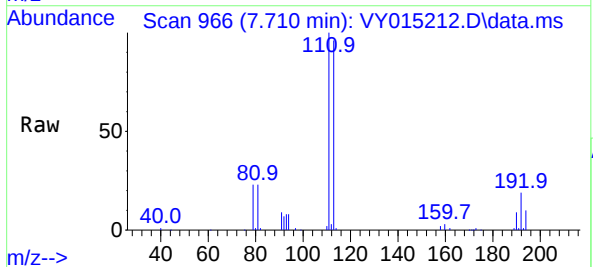
Tgt Ion:113 Resp: 79648

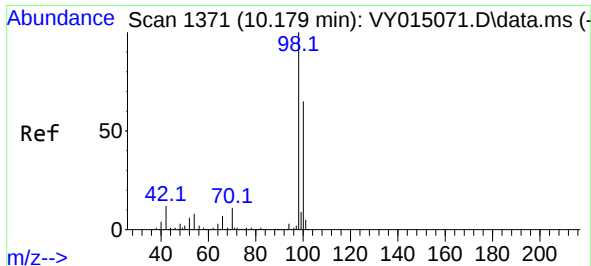
Ion Ratio Lower Upper

113 100

111 103.3 81.3 121.9

192 19.5 16.9 25.3

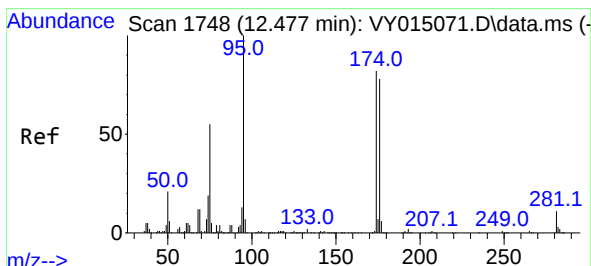
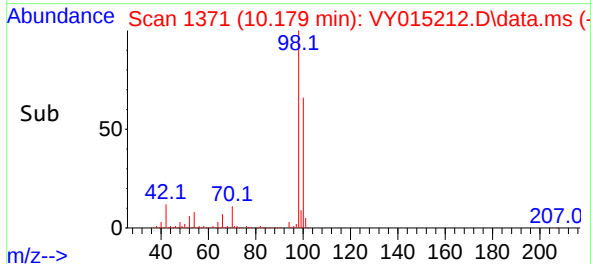
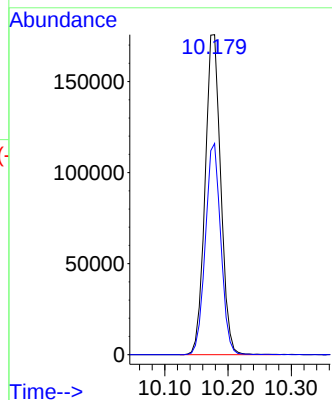
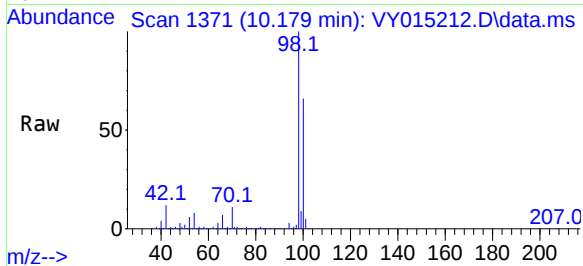




#50
Toluene-d8
Concen: 50.150 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015212.D
Acq: 21 Aug 2023 11:02

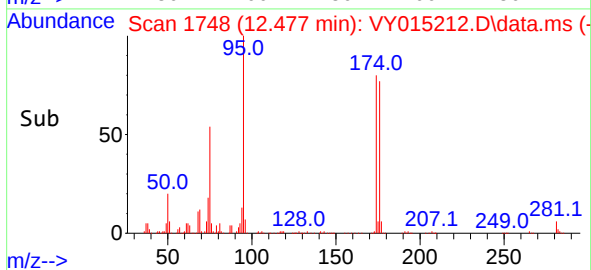
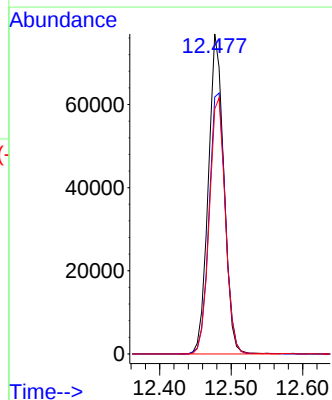
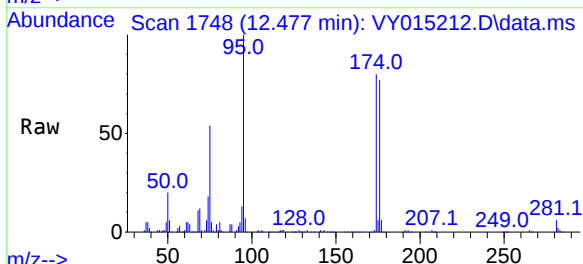
Instrument :
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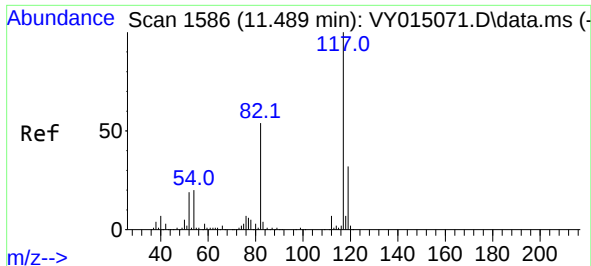
Tgt Ion: 98 Resp: 302667
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 52.813 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015212.D
Acq: 21 Aug 2023 11:02

Tgt Ion: 95 Resp: 116420
Ion Ratio Lower Upper
95 100
174 85.3 0.0 178.2
176 82.1 0.0 173.8

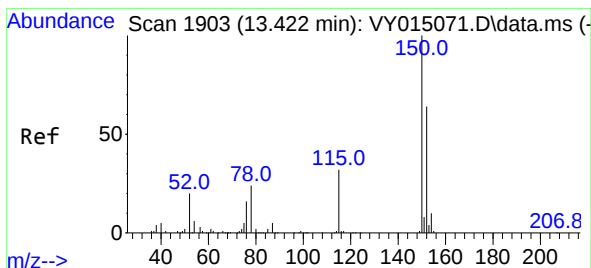
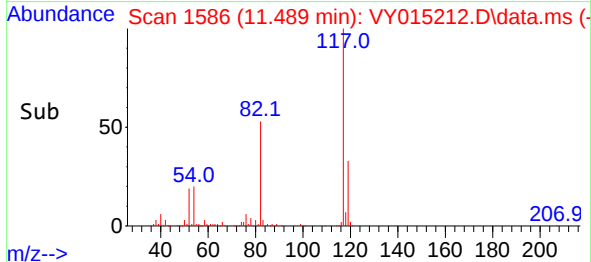
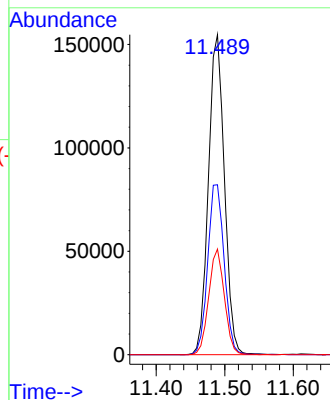
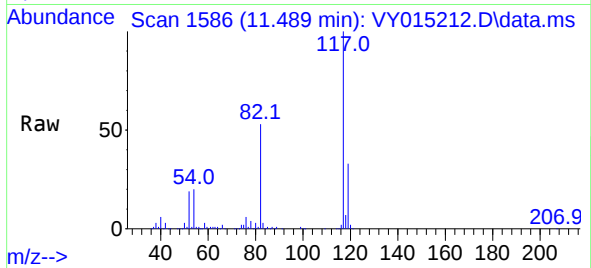




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015212.D
Acq: 21 Aug 2023 11:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0821SBL01

Tgt Ion:117 Resp: 251369
Ion Ratio Lower Upper
117 100
82 53.1 43.4 65.0
119 33.0 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015212.D
Acq: 21 Aug 2023 11:02

Tgt Ion:152 Resp: 126616
Ion Ratio Lower Upper
152 100
115 59.2 28.8 86.5
150 159.6 0.0 348.8

