

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042723\
 Data File : VY013498.D
 Acq On : 27 Apr 2023 17:40
 Operator : KP/MD
 Sample : 02470-07
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-08-8.5-9.0

Quant Time: Apr 28 01:32:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	224361	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	395564	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	381022	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	169573	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	164863	67.031	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.060%
35) Dibromofluoromethane	7.710	113	139461	56.055	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.120%
50) Toluene-d8	10.179	98	488030	55.141	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	110.280%
62) 4-Bromofluorobenzene	12.477	95	154753	51.866	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.740%

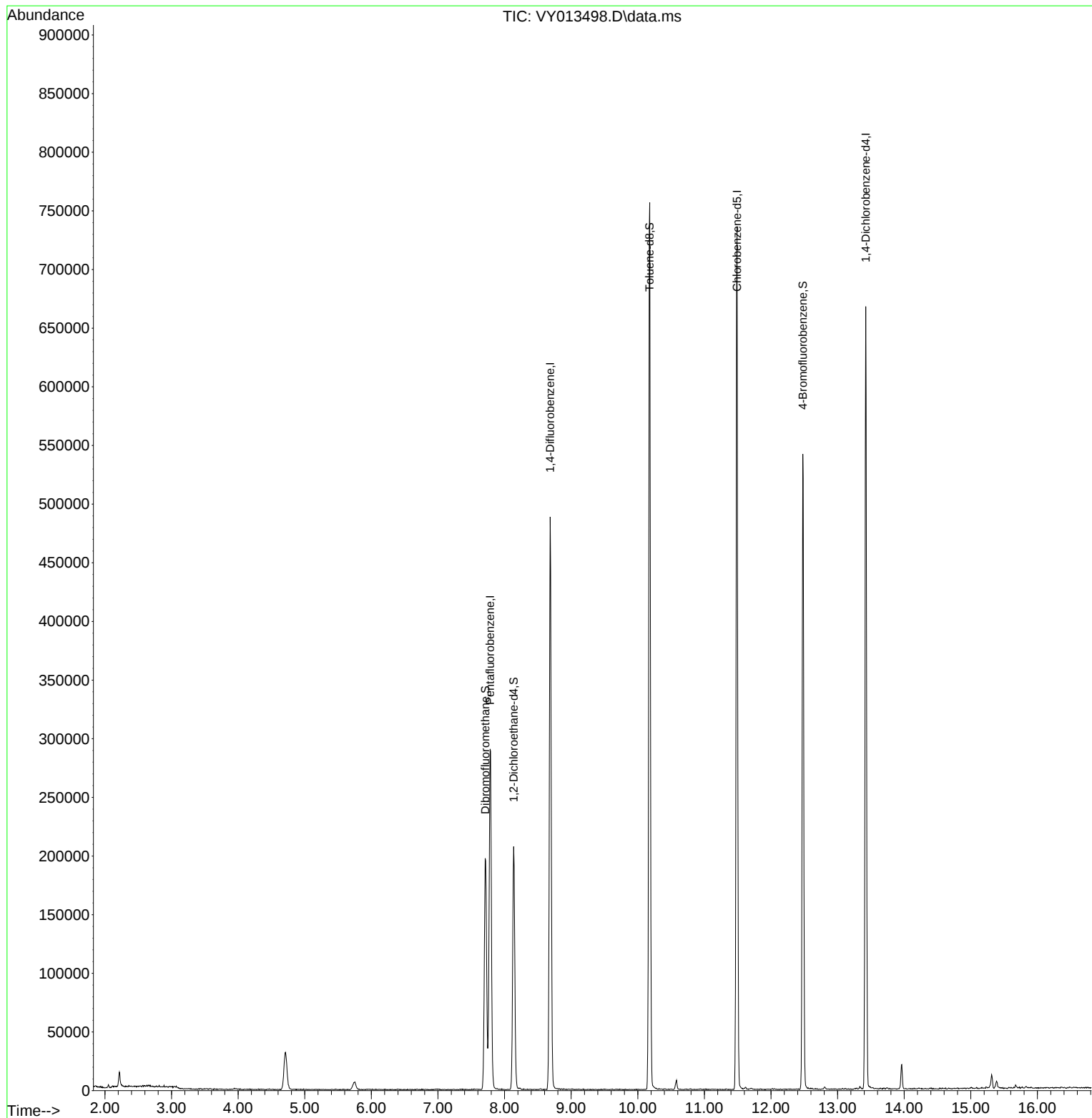
Target Compounds	Qvalue

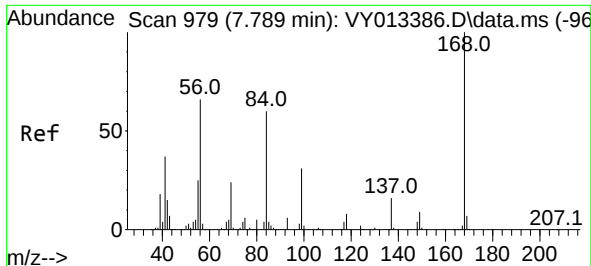
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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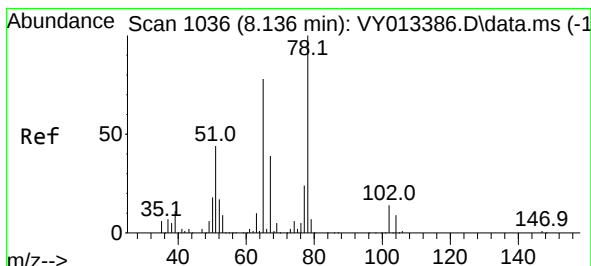
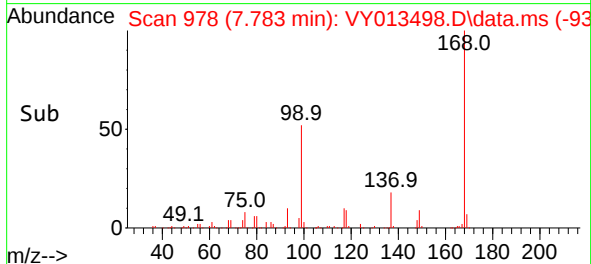
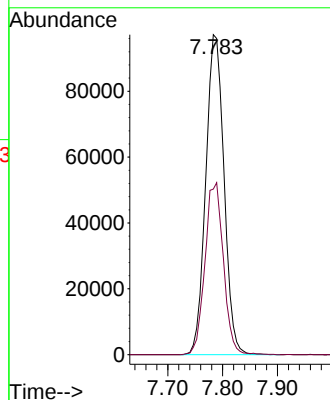
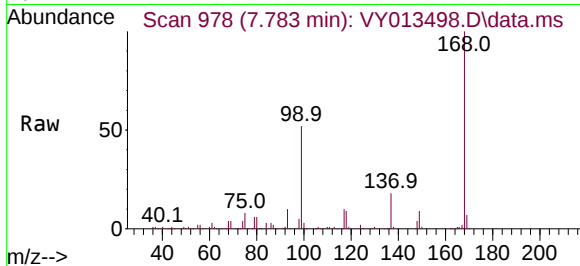




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013498.D
Acq: 27 Apr 2023 17:40

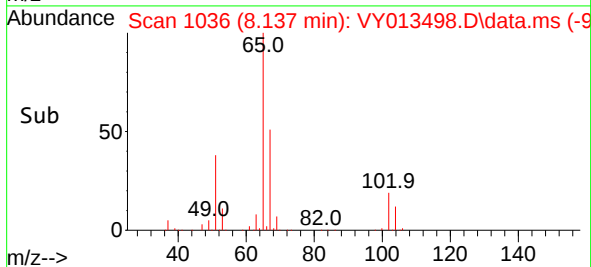
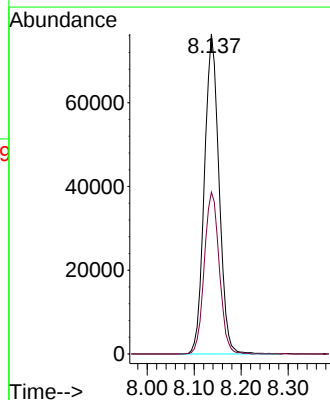
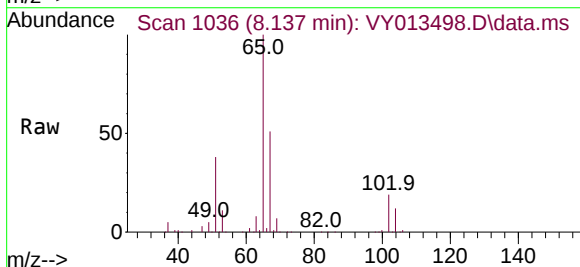
Instrument :
MSVOA_Y
ClientSampleId :
SB-08-8.5-9.0

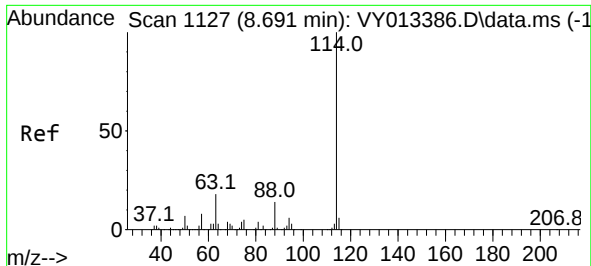
Tgt Ion:168 Resp: 224361
Ion Ratio Lower Upper
168 100
99 51.8 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 67.031 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY013498.D
Acq: 27 Apr 2023 17:40

Tgt Ion: 65 Resp: 164863
Ion Ratio Lower Upper
65 100
67 51.8 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY013498.D

Acq: 27 Apr 2023 17:40

Instrument :

MSVOA_Y

ClientSampleId :

SB-08-8.5-9.0

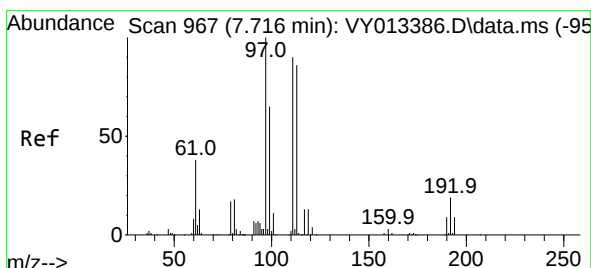
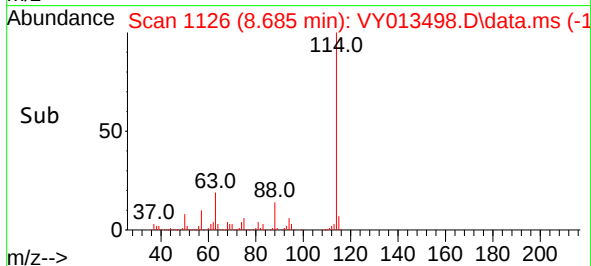
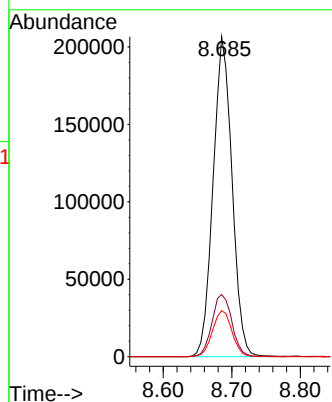
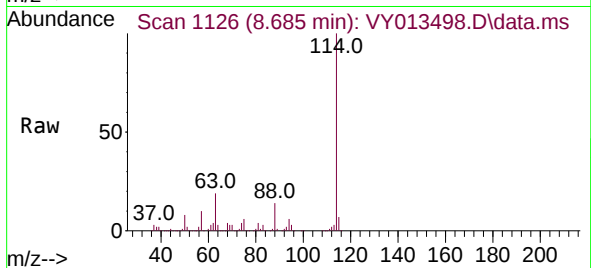
Tgt Ion:114 Resp: 395564

Ion Ratio Lower Upper

114 100

63 19.5 0.0 36.6

88 14.4 0.0 28.8



#35

Dibromofluoromethane

Concen: 56.055 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY013498.D

Acq: 27 Apr 2023 17:40

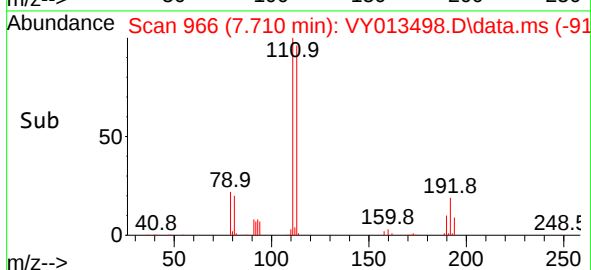
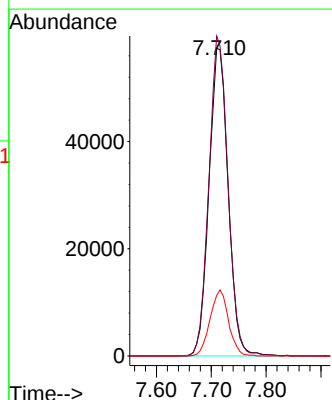
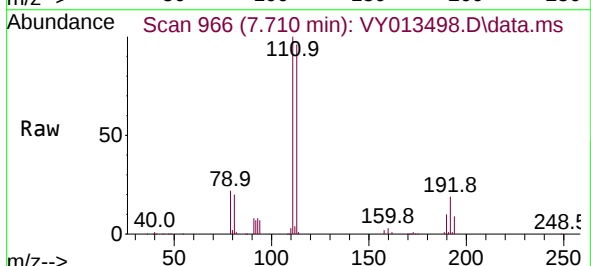
Tgt Ion:113 Resp: 139461

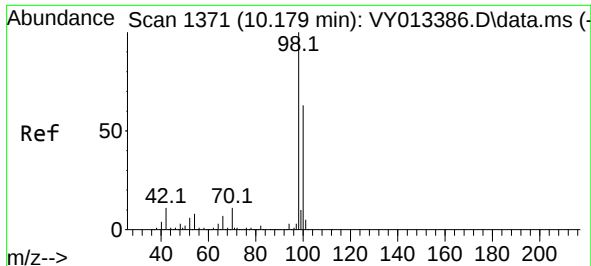
Ion Ratio Lower Upper

113 100

111 103.3 82.2 123.2

192 20.6 16.7 25.1

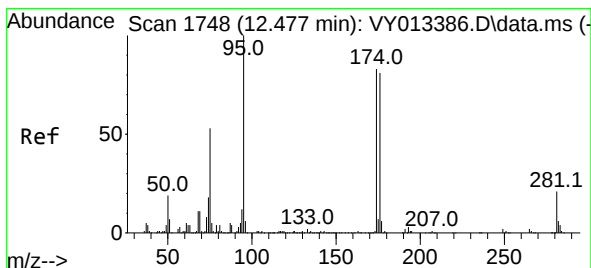
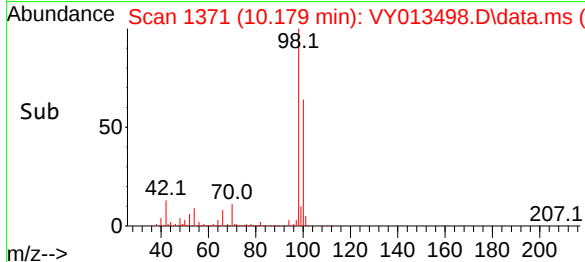
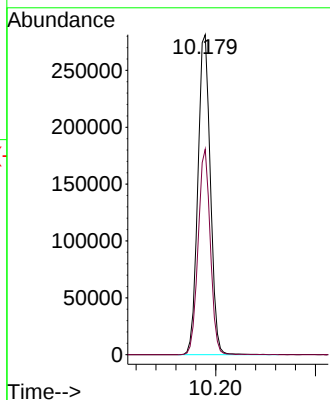
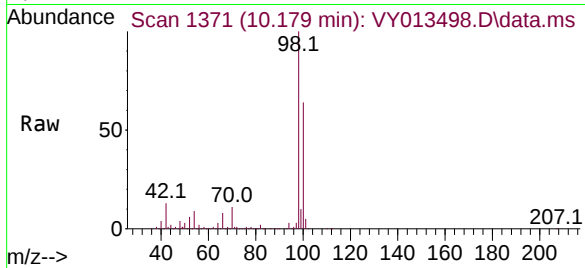




#50
Toluene-d8
Concen: 55.141 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013498.D
Acq: 27 Apr 2023 17:40

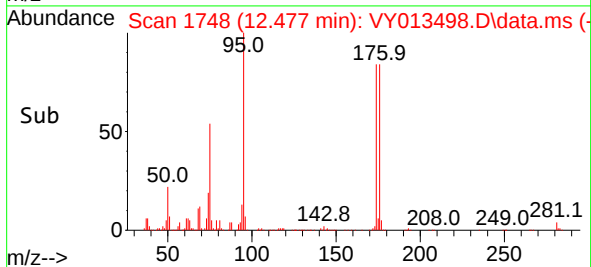
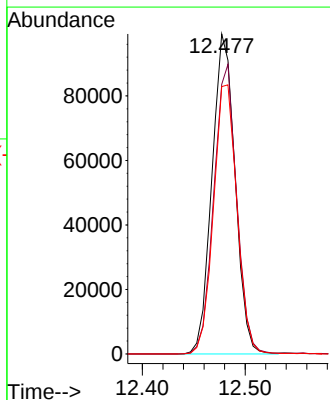
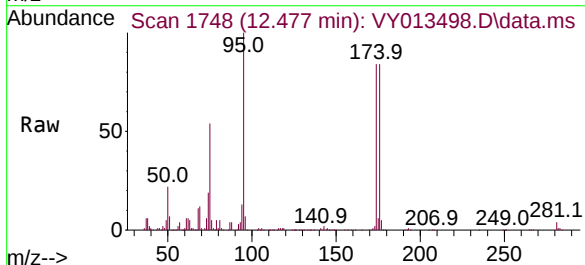
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MSVOA_Y
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SB-08-8.5-9.0

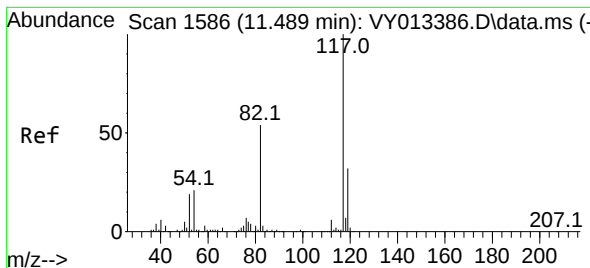
Tgt Ion: 98 Resp: 488030
Ion Ratio Lower Upper
98 100
100 62.6 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 51.866 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013498.D
Acq: 27 Apr 2023 17:40

Tgt Ion: 95 Resp: 154753
Ion Ratio Lower Upper
95 100
174 89.5 0.0 182.0
176 85.7 0.0 175.4

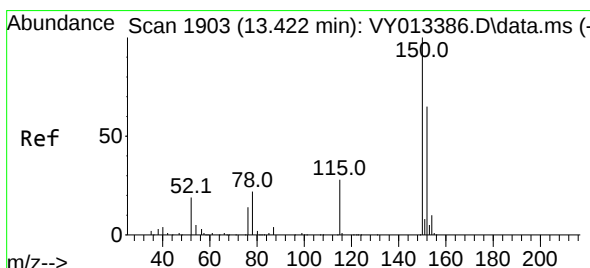
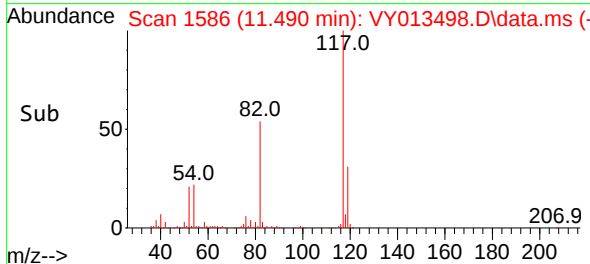
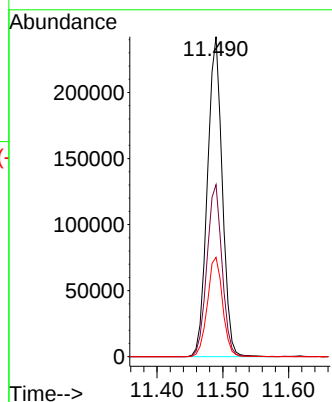
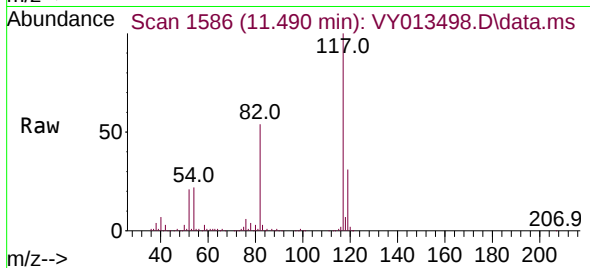




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY013498.D
Acq: 27 Apr 2023 17:40

Instrument :
MSVOA_Y
ClientSampleId :
SB-08-8.5-9.0

Tgt Ion:117 Resp: 381022
Ion Ratio Lower Upper
117 100
82 53.8 43.0 64.6
119 31.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY013498.D
Acq: 27 Apr 2023 17:40

Tgt Ion:152 Resp: 169573
Ion Ratio Lower Upper
152 100
115 56.1 28.1 84.2
150 154.7 0.0 352.0

