

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111422\
 Data File : VY011446.D
 Acq On : 14 Nov 2022 17:40
 Operator : KP/MD
 Sample : N5608-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NP-1

Quant Time: Nov 15 01:50:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	1717	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.697	114	2690	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.495	117	1513	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	398	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	1006	69.920	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	139.840%
35) Dibromofluoromethane	7.722	113	563	37.346	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	74.700%
50) Toluene-d8	10.179	98	3076	53.410	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.820%
62) 4-Bromofluorobenzene	12.483	95	460	22.900	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	45.800%

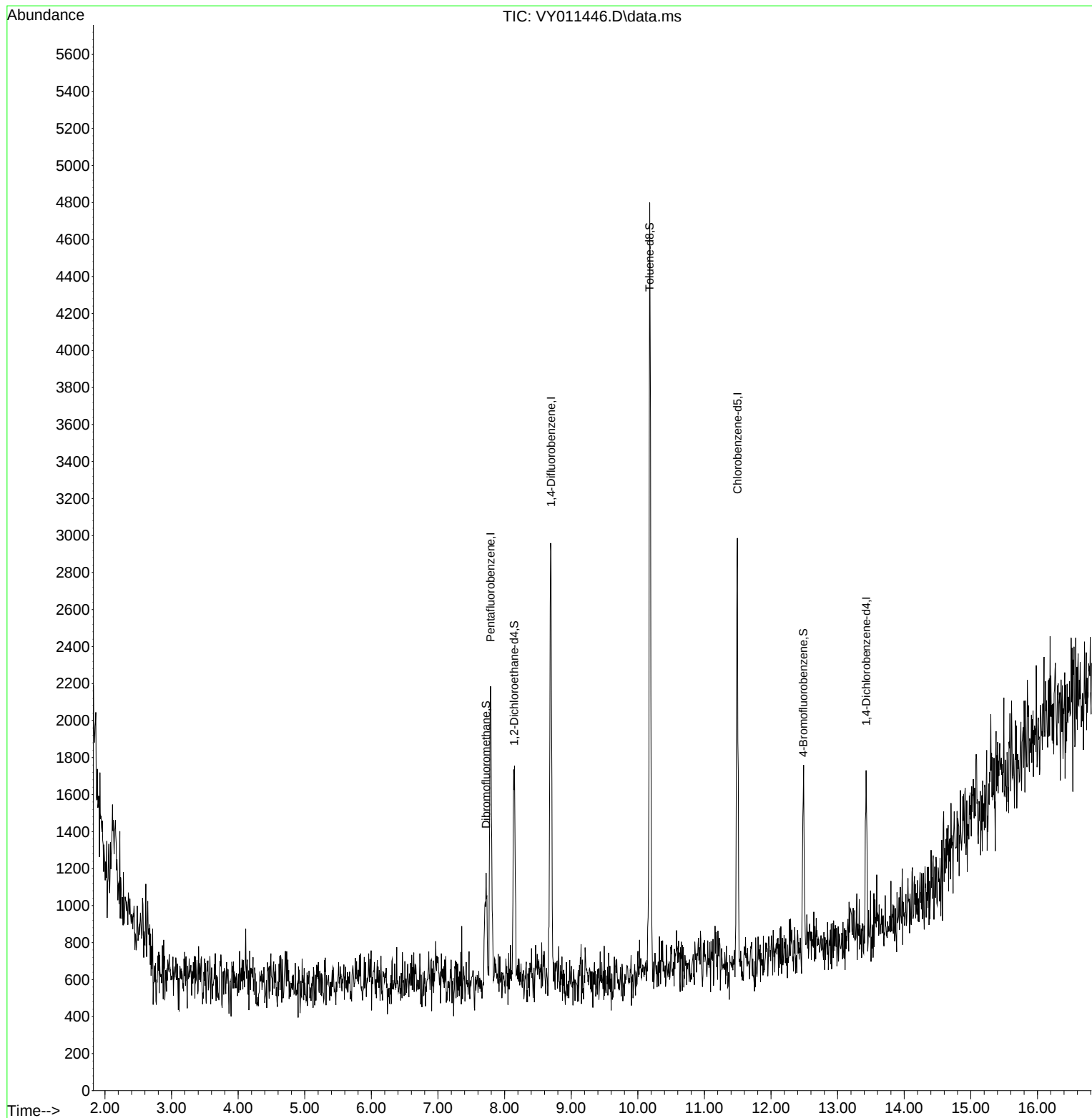
Target Compounds	Qvalue

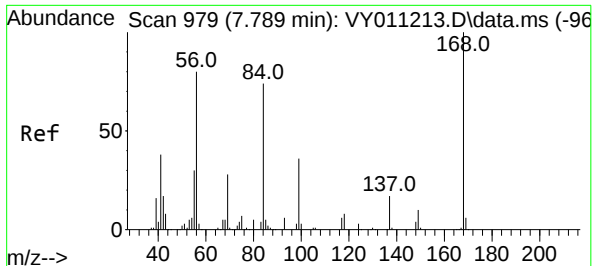
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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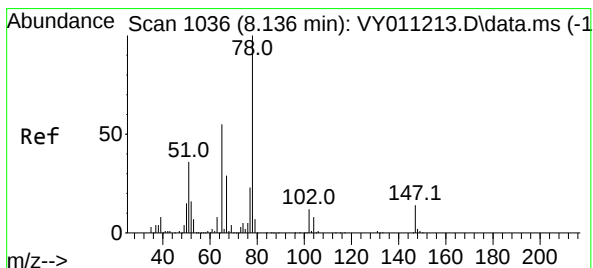
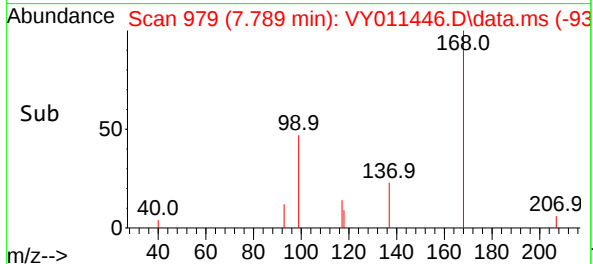
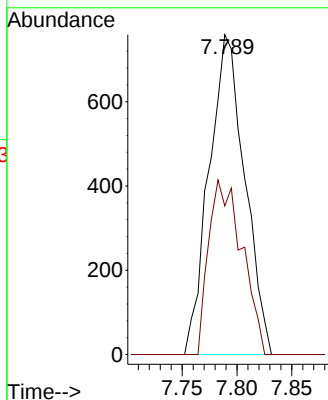
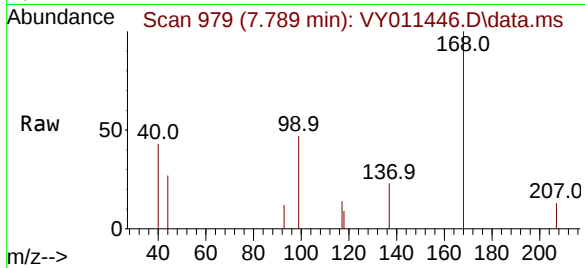




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011446.D
Acq: 14 Nov 2022 17:40

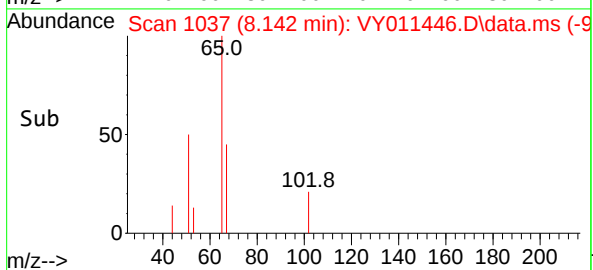
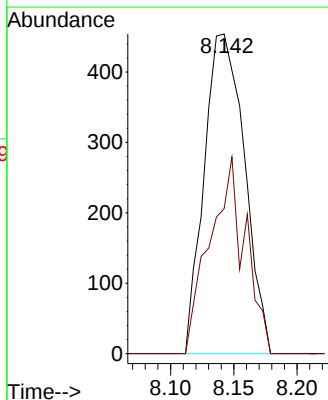
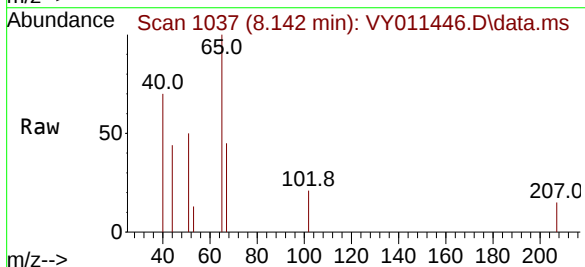
Instrument :
MSVOA_Y
ClientSampleId :
NP-1

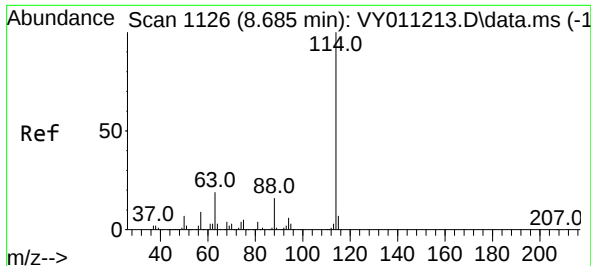
Tgt Ion:168 Resp: 1717
Ion Ratio Lower Upper
168 100
99 46.5 46.9 70.3#



#33
1,2-Dichloroethane-d4
Concen: 69.920 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY011446.D
Acq: 14 Nov 2022 17:40

Tgt Ion: 65 Resp: 1006
Ion Ratio Lower Upper
65 100
67 54.3 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.012 min

Lab File: VY011446.D

Acq: 14 Nov 2022 17:40

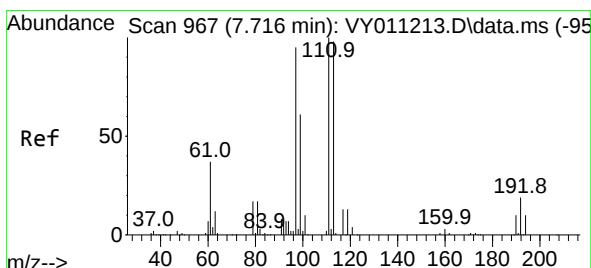
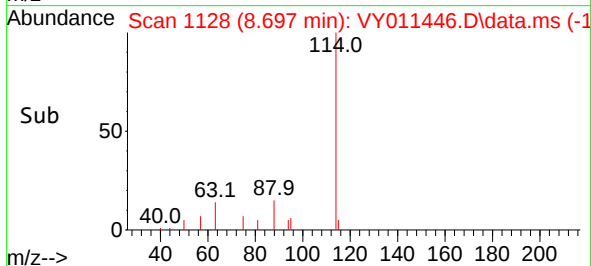
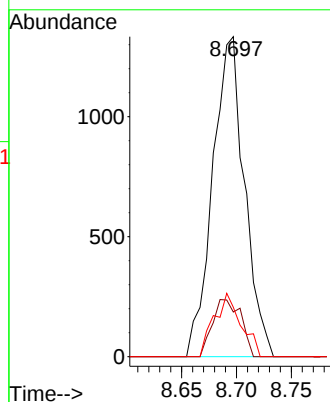
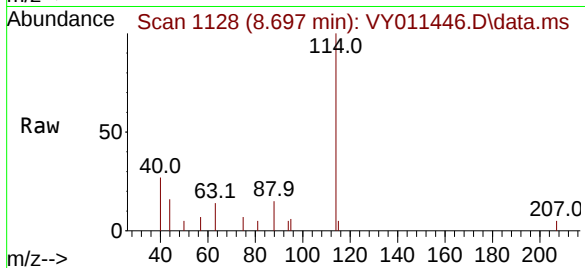
Instrument :

MSVOA_Y

ClientSampleId :

NP-1

Tgt Ion:114	Resp:	2690
Ion	Ratio	Lower Upper
114	100	
63	14.0	0.0 43.2
88	15.5	0.0 31.8



#35

Dibromofluoromethane

Concen: 37.346 ug/l

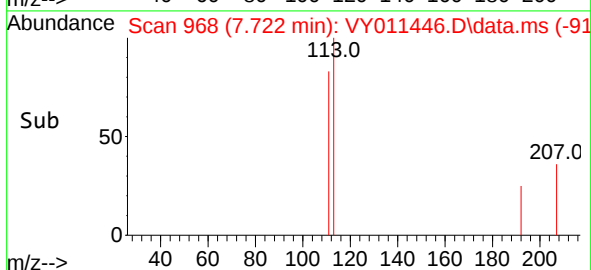
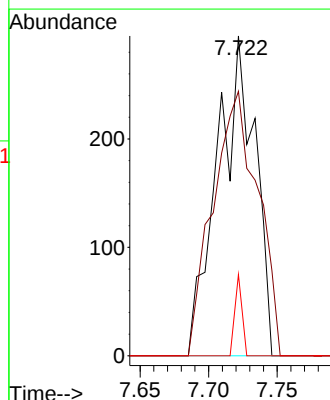
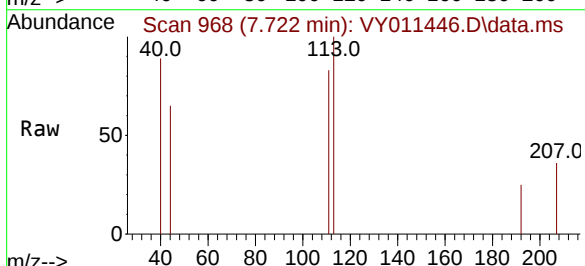
RT: 7.722 min Scan# 968

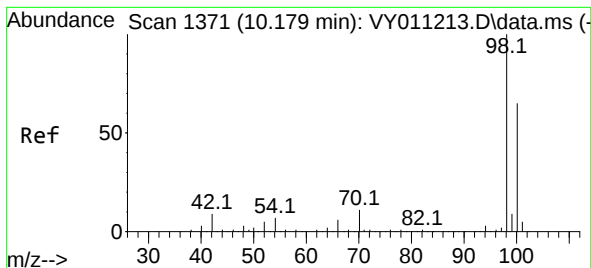
Delta R.T. 0.012 min

Lab File: VY011446.D

Acq: 14 Nov 2022 17:40

Tgt Ion:113	Resp:	563
Ion	Ratio	Lower Upper
113	100	
111	98.4	82.6 124.0
192	4.8	17.6 26.4





#50

Toluene-d8

Concen: 53.410 ug/l

RT: 10.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011446.D

Acq: 14 Nov 2022 17:40

Instrument :

MSVOA_Y

ClientSampleId :

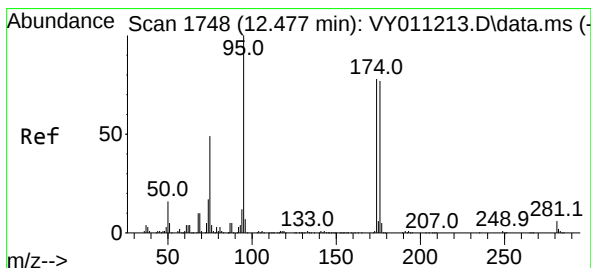
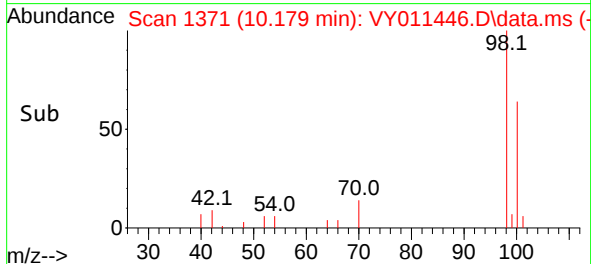
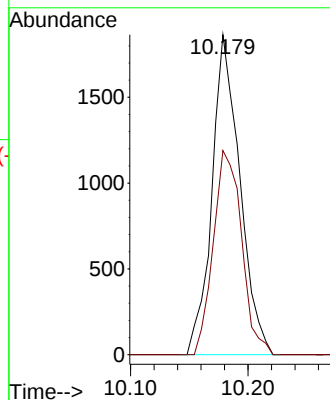
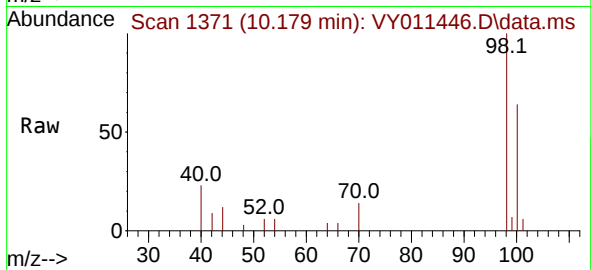
NP-1

Tgt Ion: 98 Resp: 3076

Ion Ratio Lower Upper

98 100

100 64.7 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 22.900 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY011446.D

Acq: 14 Nov 2022 17:40

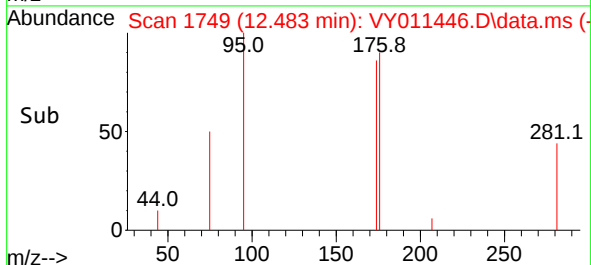
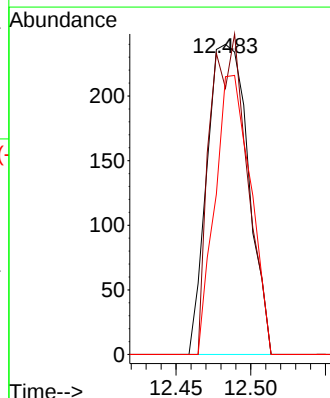
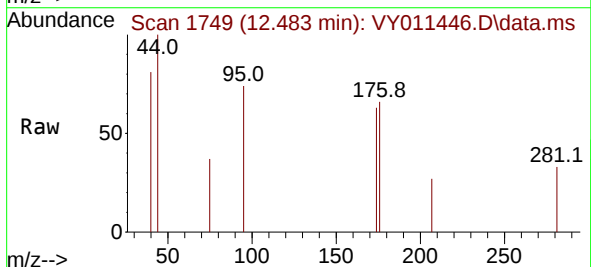
Tgt Ion: 95 Resp: 460

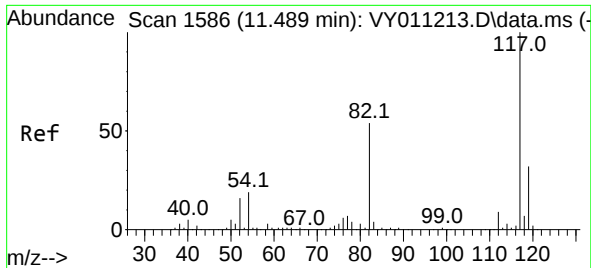
Ion Ratio Lower Upper

95 100

174 92.6 0.0 177.0

176 77.6 0.0 175.8

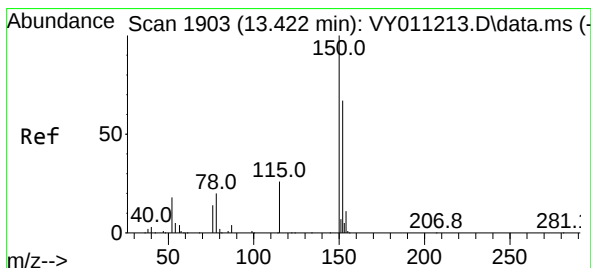
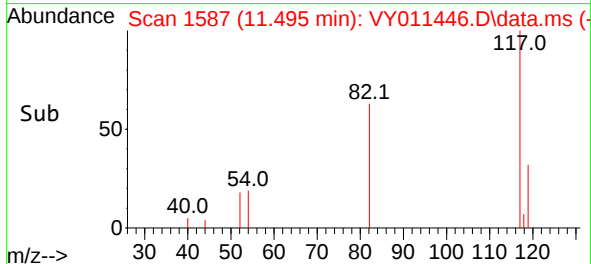
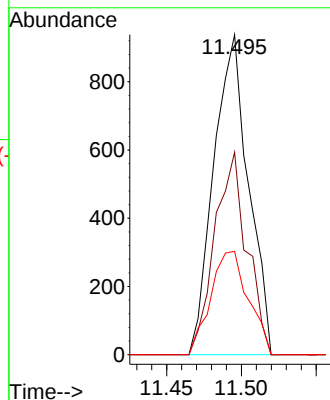
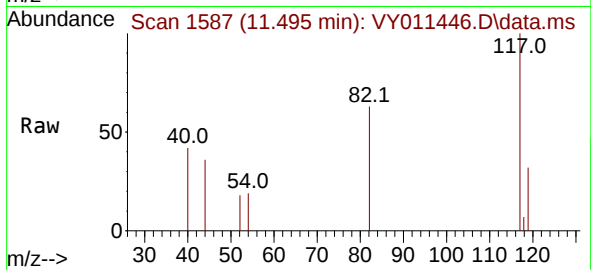




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. 0.005 min
Lab File: VY011446.D
Acq: 14 Nov 2022 17:40

Instrument :
MSVOA_Y
ClientSampleId :
NP-1

Tgt Ion:117 Resp: 1513
Ion Ratio Lower Upper
117 100
82 63.3 43.0 64.4
119 32.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY011446.D
Acq: 14 Nov 2022 17:40

Tgt Ion:152 Resp: 398
Ion Ratio Lower Upper
152 100
115 42.0 28.2 84.7
150 150.8 0.0 347.6

