

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY113022\
 Data File : VY011635.D
 Acq On : 30 Nov 2022 12:55
 Operator : KP/MD
 Sample : N5789-04RE
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-1RE

Quant Time: Dec 01 05:22:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	2141	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	4534	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	4652	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	1485	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	2852	131.189	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	262.380%#
35) Dibromofluoromethane	7.722	113	1112	39.841	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	79.680%
50) Toluene-d8	10.179	98	5517	54.394	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.780%
62) 4-Bromofluorobenzene	12.483	95	1720	45.866	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.740%

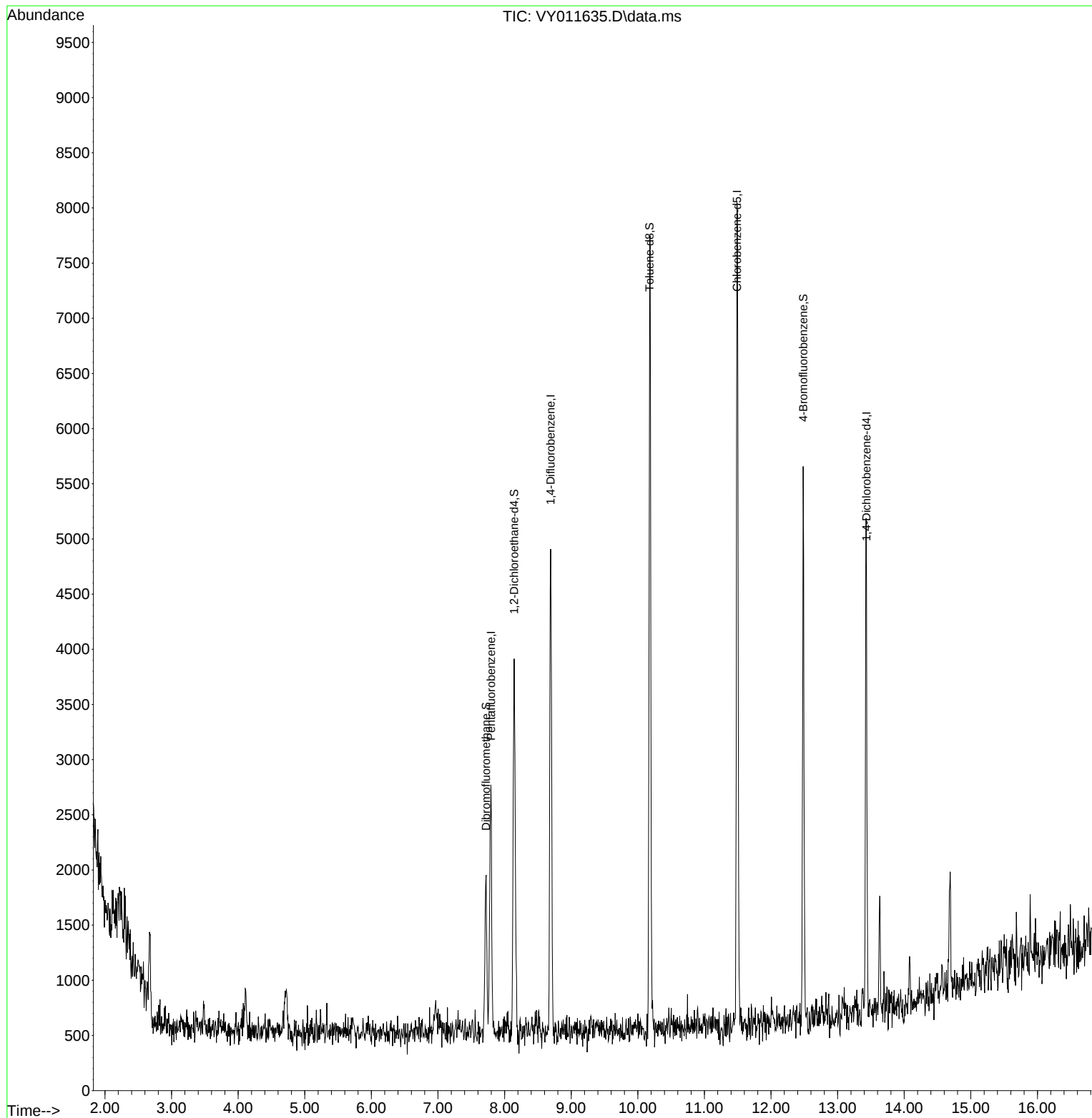
Target Compounds	Qvalue

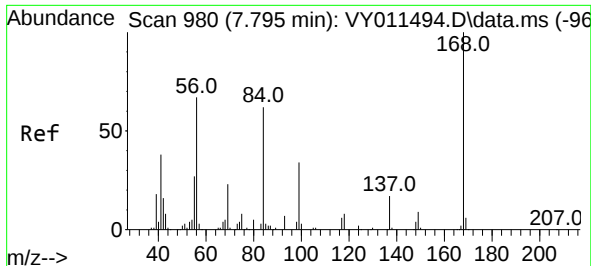
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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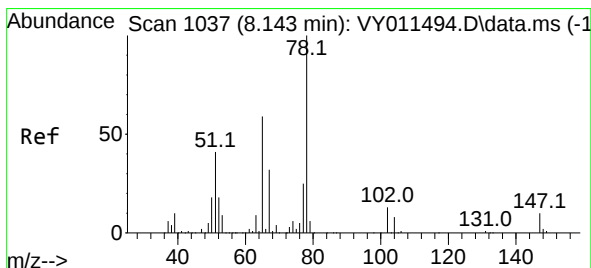
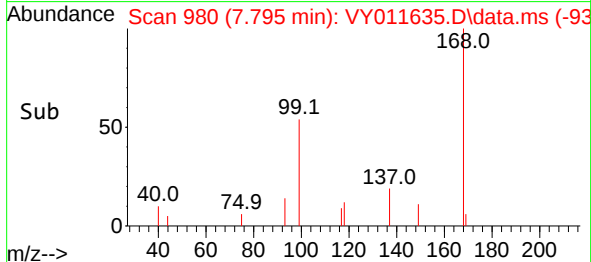
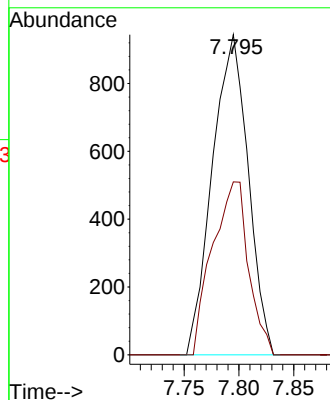
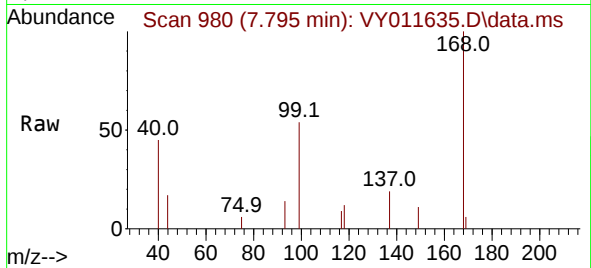




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY011635.D
Acq: 30 Nov 2022 12:55

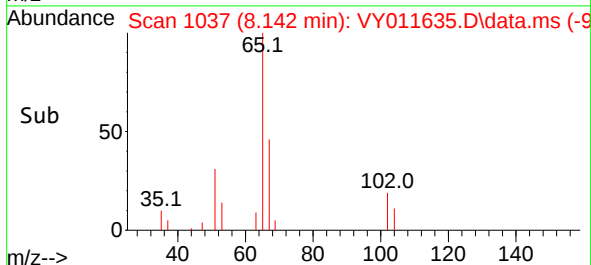
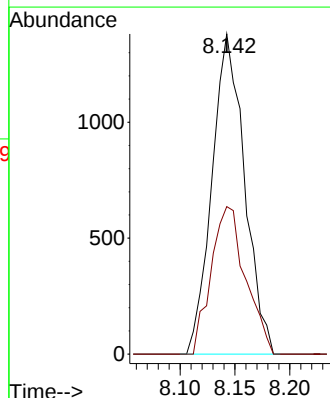
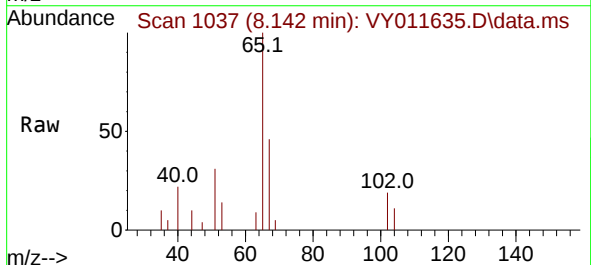
Instrument :
MSVOA_Y
ClientSampleId :
SP-1RE

Tgt Ion:168 Resp: 2141
Ion Ratio Lower Upper
168 100
99 54.0 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 131.189 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011635.D
Acq: 30 Nov 2022 12:55

Tgt Ion: 65 Resp: 2852
Ion Ratio Lower Upper
65 100
67 48.8 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011635.D

Acq: 30 Nov 2022 12:55

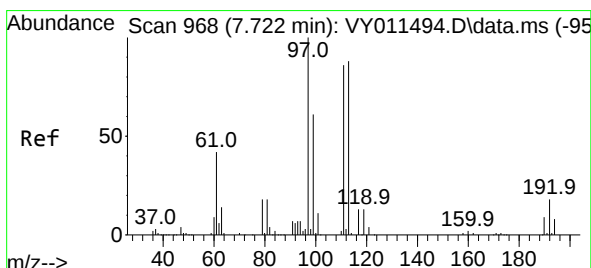
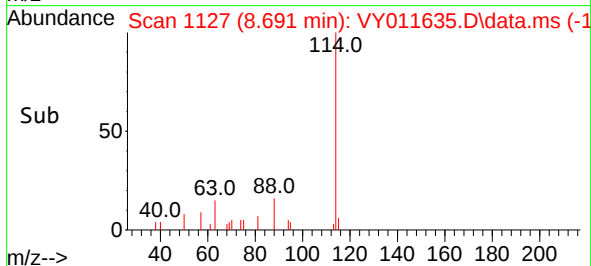
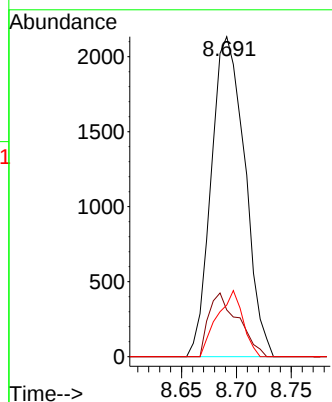
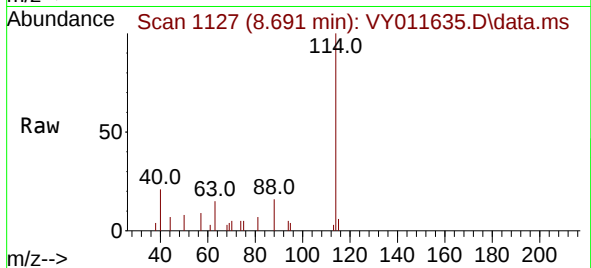
Instrument :

MSVOA_Y

ClientSampleId :

SP-1RE

Tgt Ion:114	Resp:	4534
Ion	Ratio	Lower Upper
114	100	
63	14.6	0.0 43.2
88	16.1	0.0 31.8



#35

Dibromofluoromethane

Concen: 39.841 ug/l

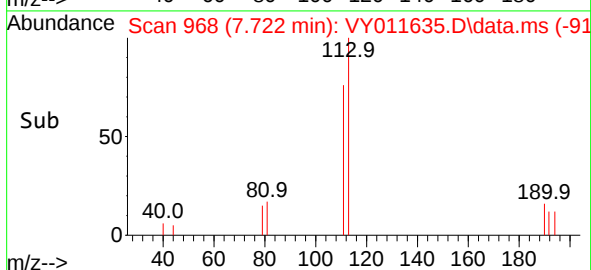
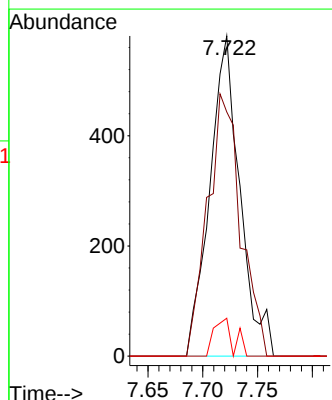
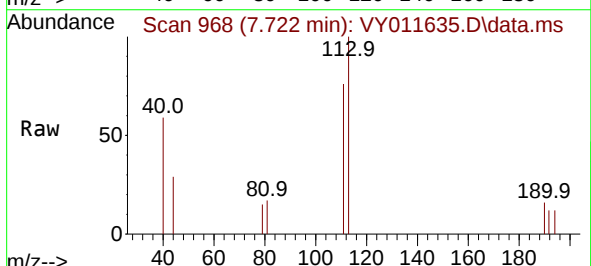
RT: 7.722 min Scan# 968

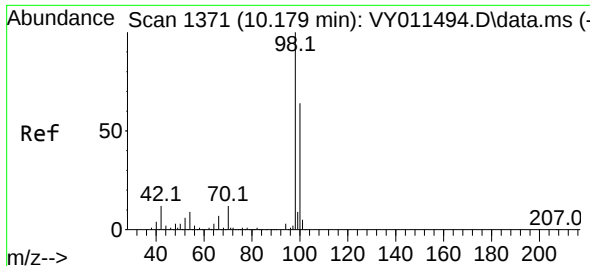
Delta R.T. -0.000 min

Lab File: VY011635.D

Acq: 30 Nov 2022 12:55

Tgt Ion:113	Resp:	1112
Ion	Ratio	Lower Upper
113	100	
111	89.9	82.6 124.0
192	7.6	17.6 26.4

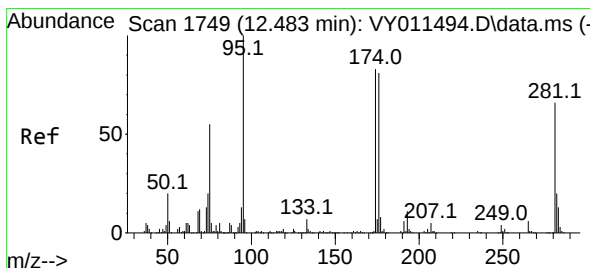
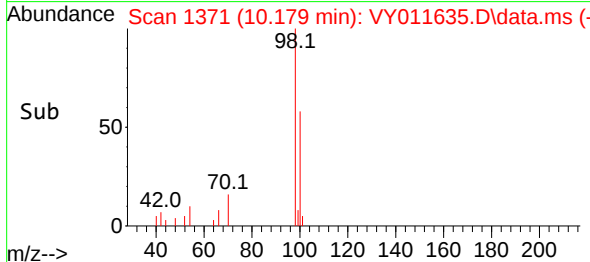
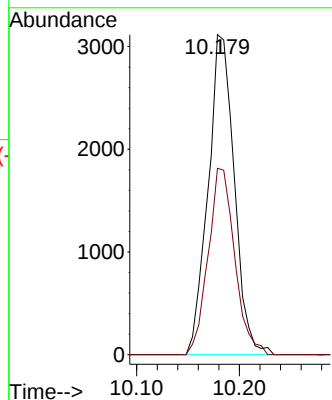
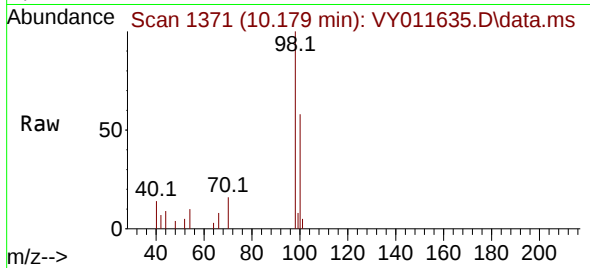




#50
Toluene-d8
Concen: 54.394 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011635.D
Acq: 30 Nov 2022 12:55

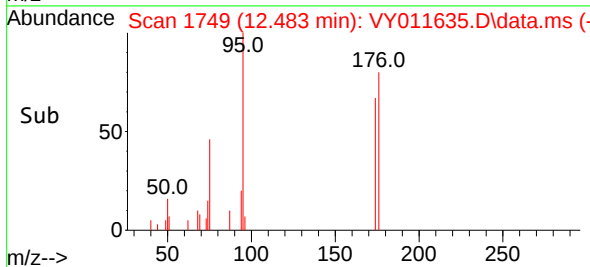
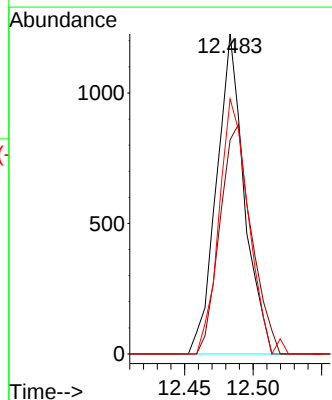
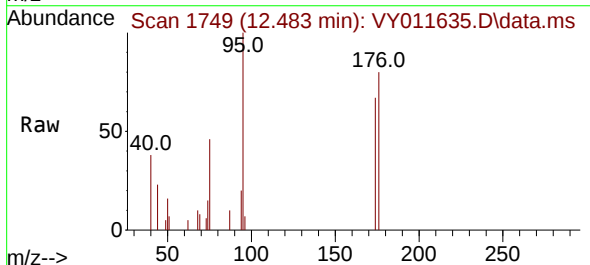
Instrument :
MSVOA_Y
ClientSampleId :
SP-1RE

Tgt Ion: 98 Resp: 5517
Ion Ratio Lower Upper
98 100
100 59.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 45.866 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011635.D
Acq: 30 Nov 2022 12:55

Tgt Ion: 95 Resp: 1720
Ion Ratio Lower Upper
95 100
174 81.8 0.0 177.0
176 84.8 0.0 175.8

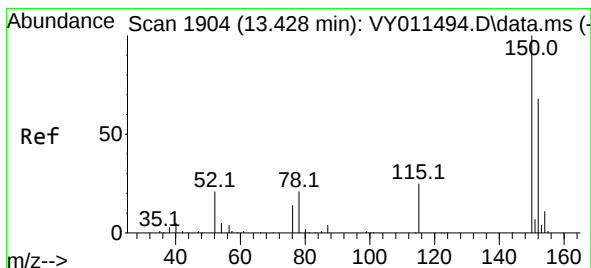
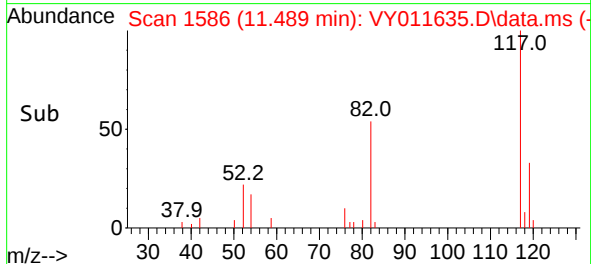
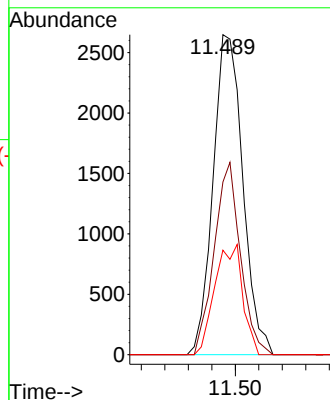
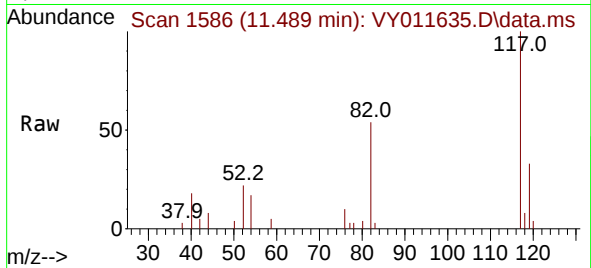




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY011635.D
Acq: 30 Nov 2022 12:55

Instrument :
MSVOA_Y
ClientSampleId :
SP-1RE

Tgt Ion:117	Resp:	4652
Ion	Ratio	Lower Upper
117	100	
82	54.0	43.0 64.4
119	32.7	25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY011635.D
Acq: 30 Nov 2022 12:55

Tgt Ion:152	Resp:	1485
Ion	Ratio	Lower Upper
152	100	
115	56.5	28.2 84.7
150	142.0	0.0 347.6

