

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY113022\
 Data File : VY011643.D
 Acq On : 30 Nov 2022 16:02
 Operator : KP/MD
 Sample : N5819-02
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S2

Quant Time: Dec 01 05:24:39 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	7.783	168	9672	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.691	114	14857	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	12457	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	4968	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	5273	53.692	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.380%
35) Dibromofluoromethane	7.722	113	3067	33.534	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	67.060%
50) Toluene-d8	10.179	98	17410	52.384	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.760%
62) 4-Bromofluorobenzene	12.483	95	4783	38.924	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	77.840%

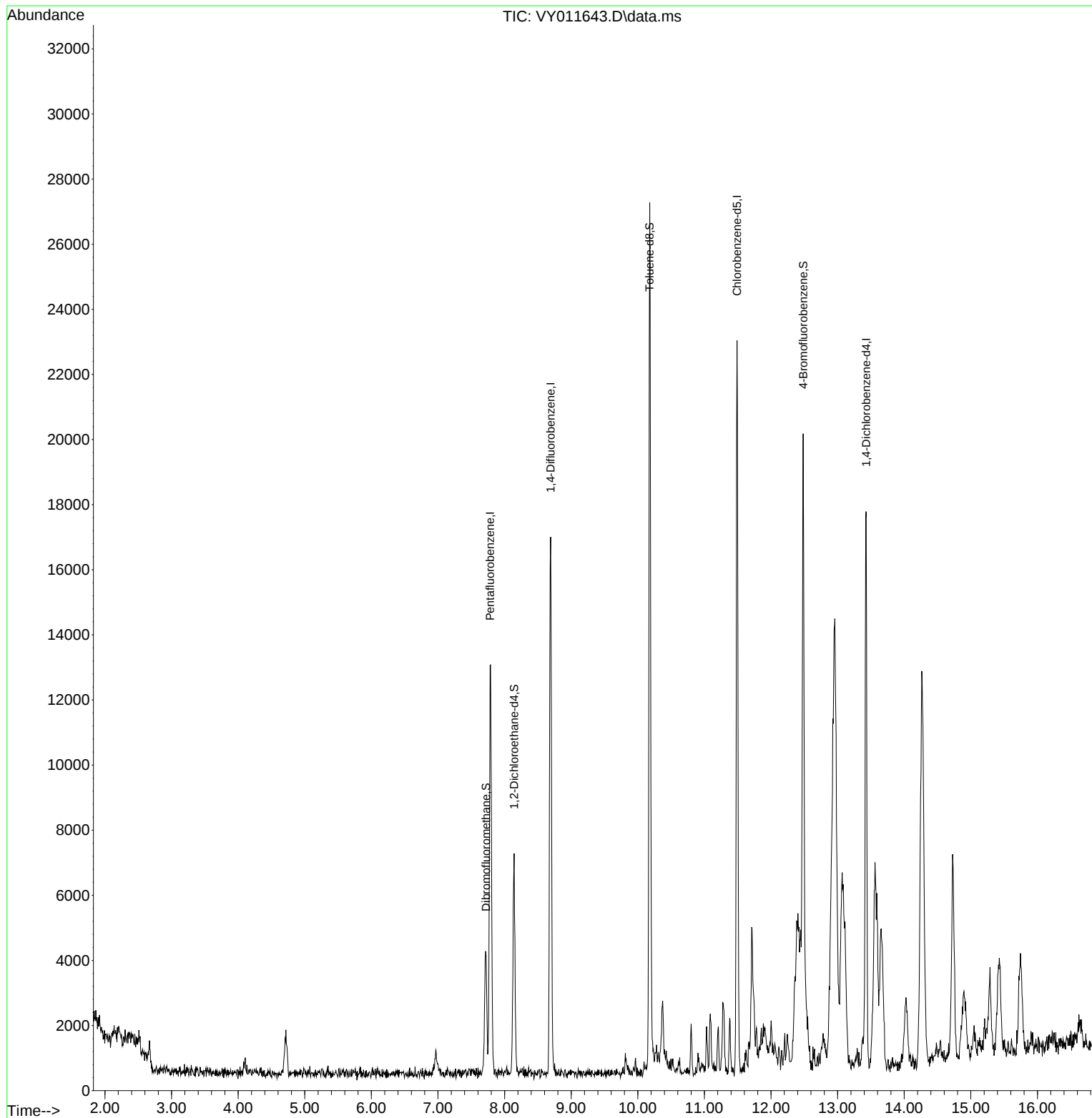
Target Compounds	Qvalue

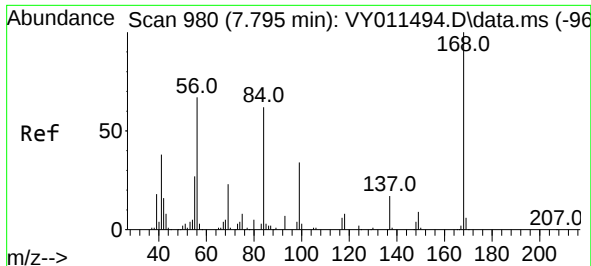
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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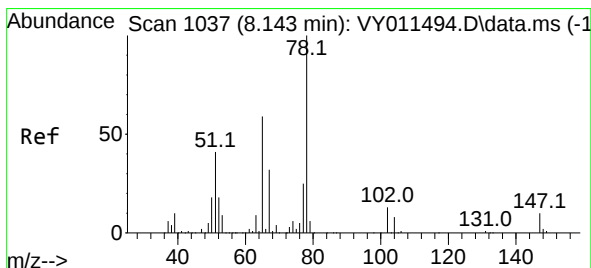
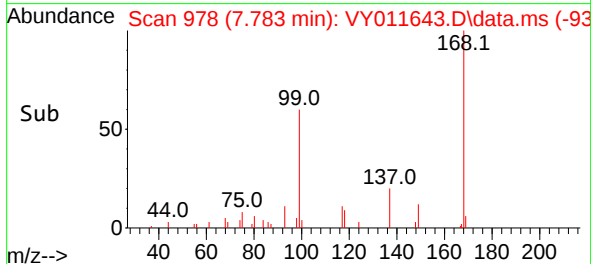
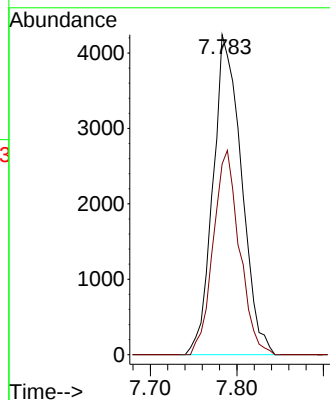
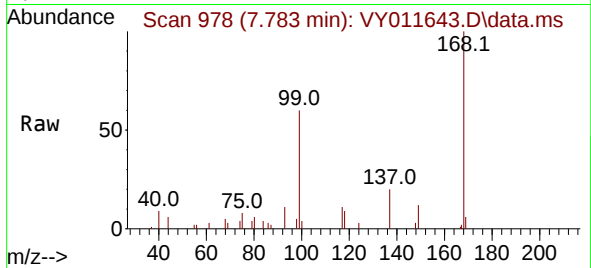




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY011643.D
Acq: 30 Nov 2022 16:02

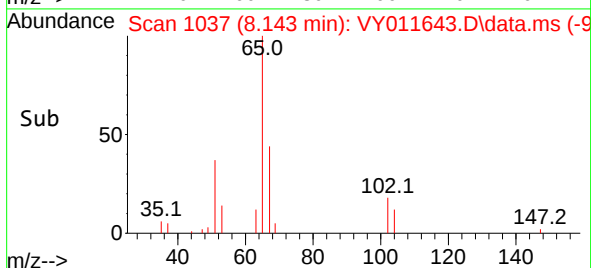
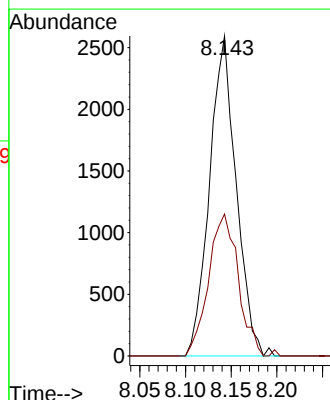
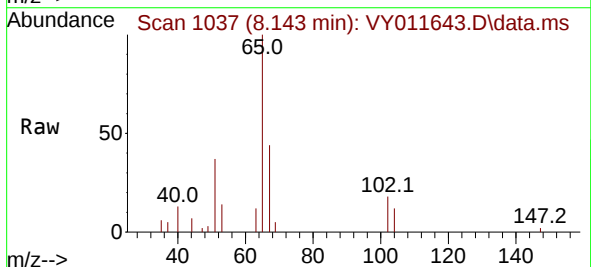
Instrument :
MSVOA_Y
ClientSampleId :
S2

Tgt Ion:168 Resp: 9672
Ion Ratio Lower Upper
168 100
99 59.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 53.692 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY011643.D
Acq: 30 Nov 2022 16:02

Tgt Ion: 65 Resp: 5273
Ion Ratio Lower Upper
65 100
67 49.2 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: VY011643.D

Acq: 30 Nov 2022 16:02

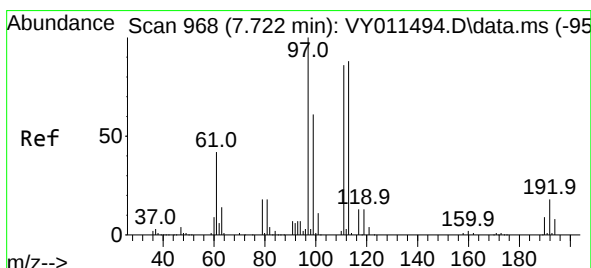
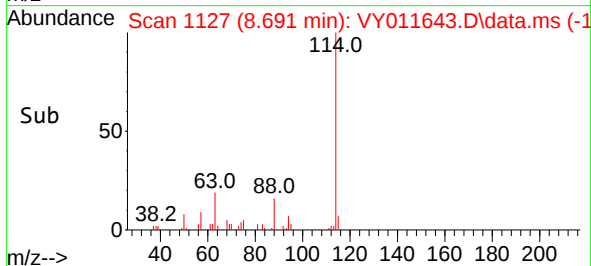
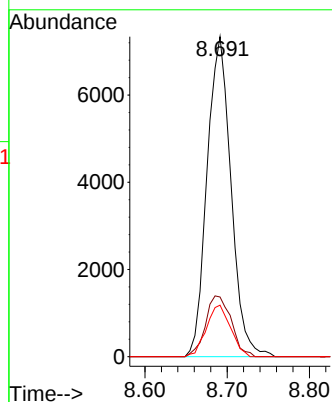
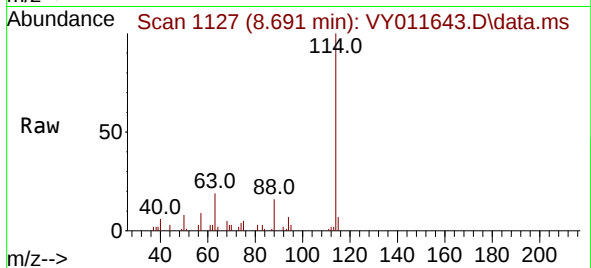
Instrument :

MSVOA_Y

ClientSampleId :

S2

Tgt Ion:114	Resp:	14857
Ion	Ratio	Lower Upper
114	100	
63	18.6	0.0 43.2
88	16.1	0.0 31.8



#35

Dibromofluoromethane

Concen: 33.534 ug/l

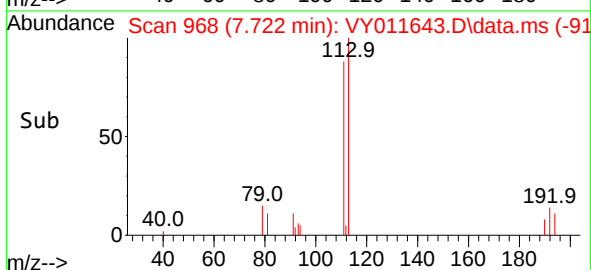
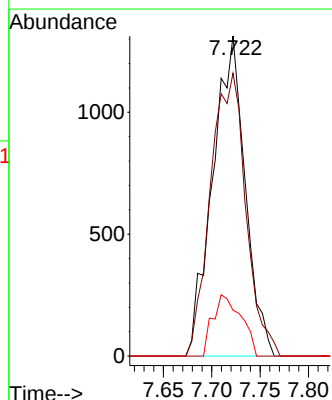
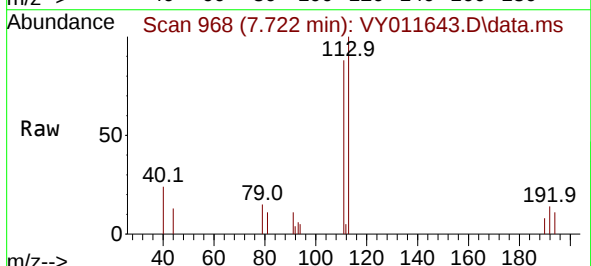
RT: 7.722 min Scan# 968

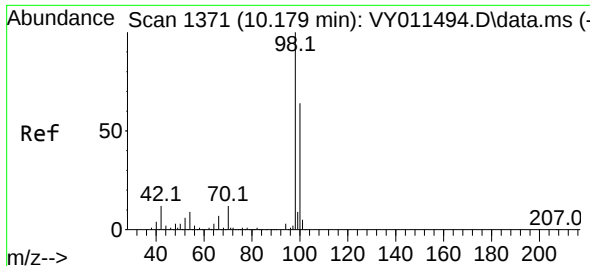
Delta R.T. -0.000 min

Lab File: VY011643.D

Acq: 30 Nov 2022 16:02

Tgt Ion:113	Resp:	3067
Ion	Ratio	Lower Upper
113	100	
111	95.7	82.6 124.0
192	16.7	17.6 26.4

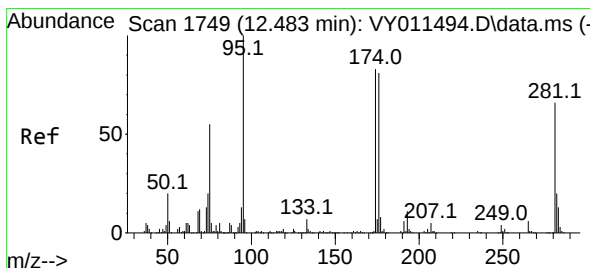
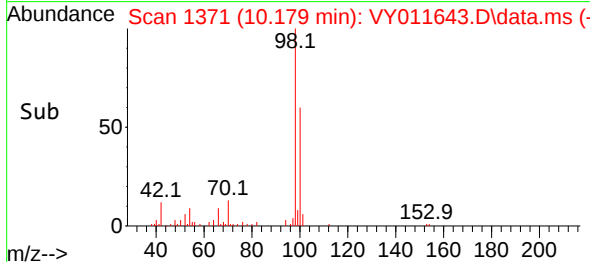
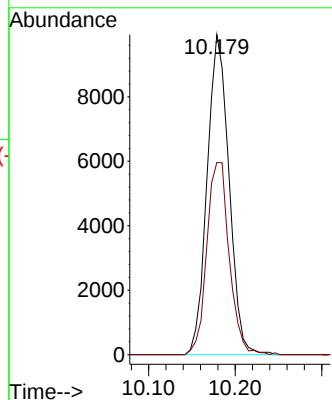
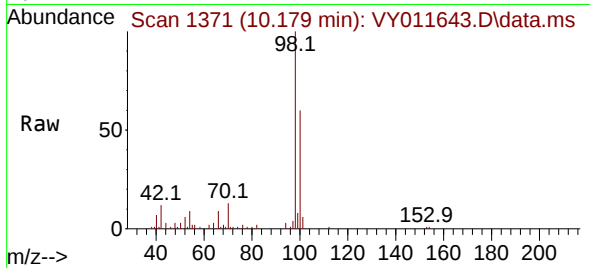




#50
Toluene-d8
Concen: 52.384 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011643.D
Acq: 30 Nov 2022 16:02

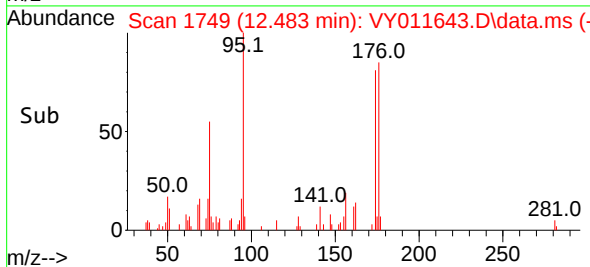
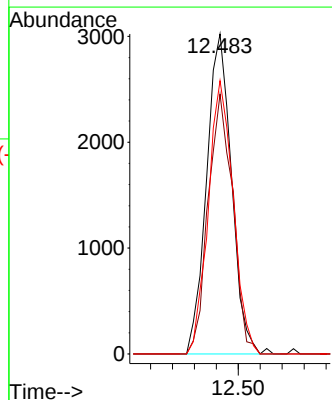
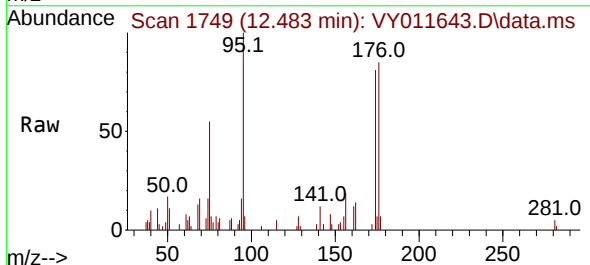
Instrument :
MSVOA_Y
ClientSampleId :
S2

Tgt Ion: 98 Resp: 17410
Ion Ratio Lower Upper
98 100
100 61.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 38.924 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011643.D
Acq: 30 Nov 2022 16:02

Tgt Ion: 95 Resp: 4783
Ion Ratio Lower Upper
95 100
174 80.2 0.0 177.0
176 85.4 0.0 175.8

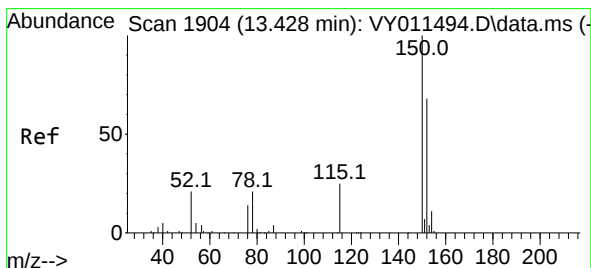
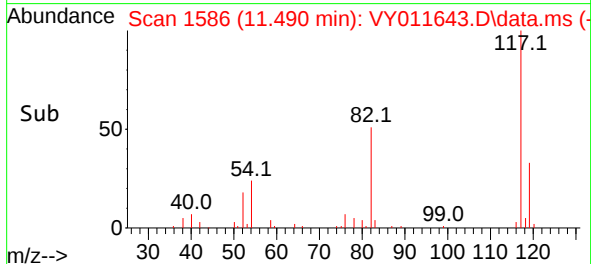
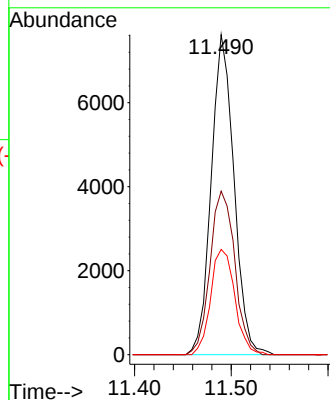
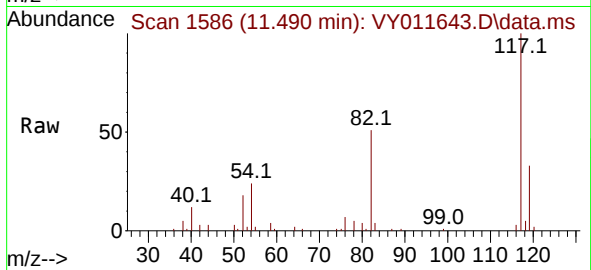




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011643.D
Acq: 30 Nov 2022 16:02

Instrument :
MSVOA_Y
ClientSampleId :
S2

Tgt Ion:	117	Resp:	12457
Ion Ratio	Lower	Upper	
117	100		
82	51.1	43.0	64.4
119	32.9	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY011643.D
Acq: 30 Nov 2022 16:02

Tgt Ion:	152	Resp:	4968
Ion Ratio	Lower	Upper	
152	100		
115	59.5	28.2	84.7
150	147.4	0.0	347.6

