

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022724\
 Data File : VY017494.D
 Acq On : 27 Feb 2024 14:17
 Operator : SY/MD
 Sample : P1602-01
 Misc : 6.10g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1

Quant Time: Feb 28 00:15:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	112572	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.685	114	197546	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	172771	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	62286	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	57642	54.029	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.060%
35) Dibromofluoromethane	7.710	113	64529	46.877	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.760%
50) Toluene-d8	10.179	98	222795	46.291	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.580%
62) 4-Bromofluorobenzene	12.483	95	57094	37.746	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	75.500%

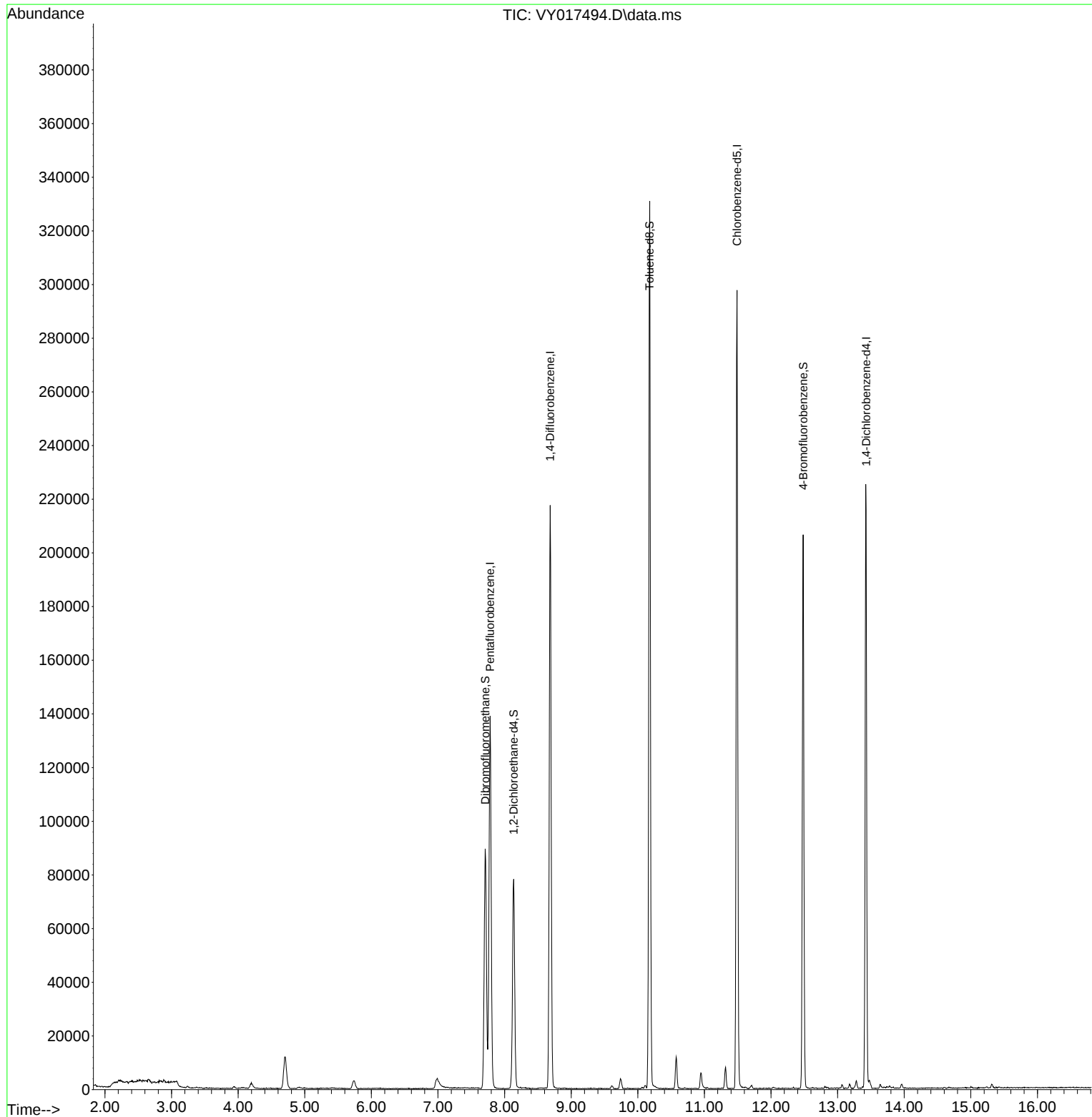
Target Compounds	Qvalue

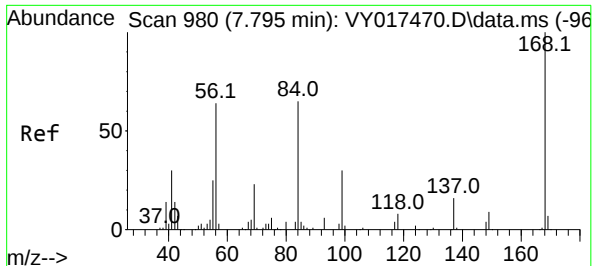
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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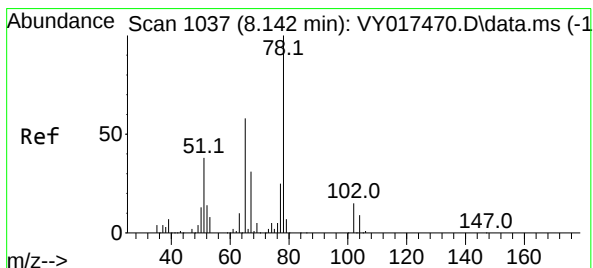
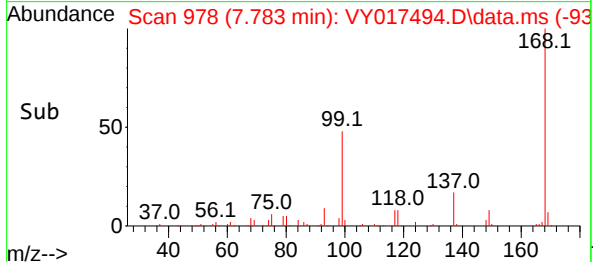
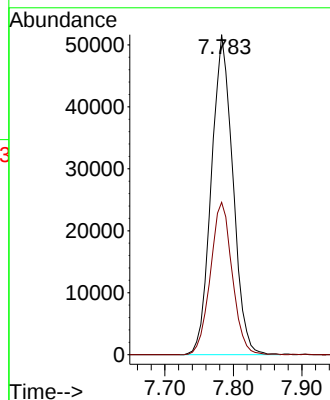
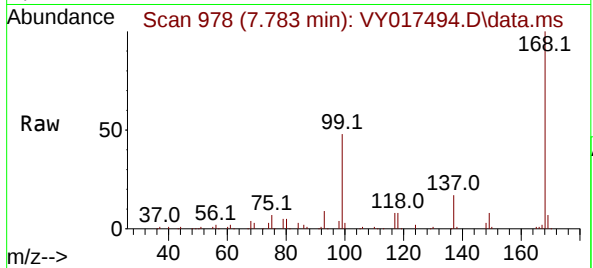




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY017494.D
Acq: 27 Feb 2024 14:17

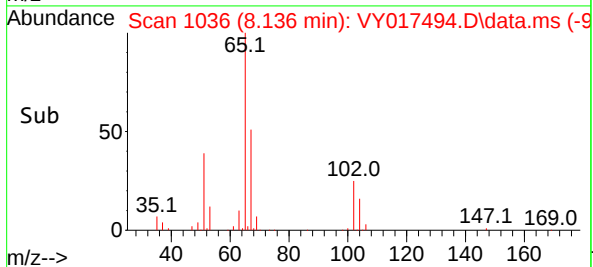
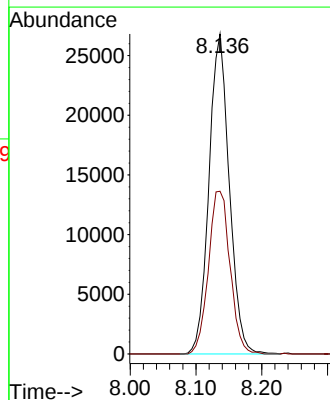
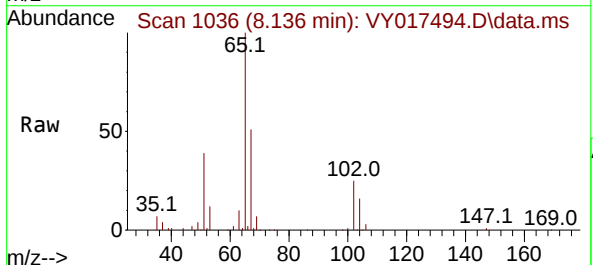
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

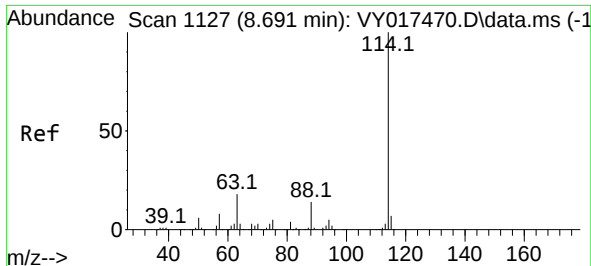
Tgt Ion:168 Resp: 112572
Ion Ratio Lower Upper
168 100
99 47.6 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 54.029 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY017494.D
Acq: 27 Feb 2024 14:17

Tgt Ion: 65 Resp: 57642
Ion Ratio Lower Upper
65 100
67 54.0 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY017494.D

Acq: 27 Feb 2024 14:17

Instrument :

MSVOA_Y

ClientSampleId :

WC-1

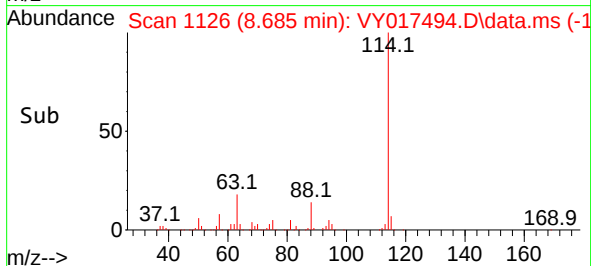
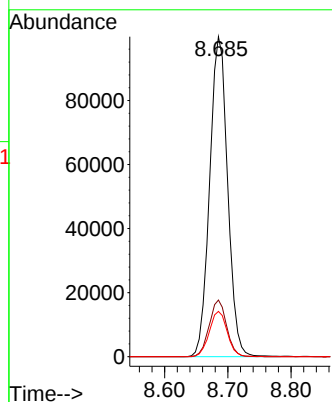
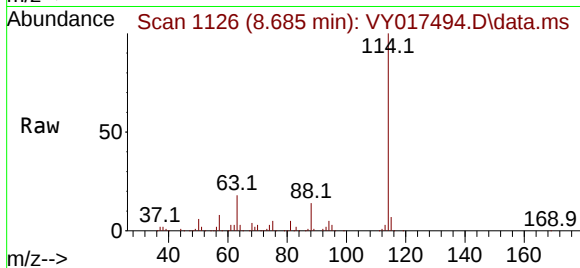
Tgt Ion:114 Resp: 197546

Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.0

88 14.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 46.877 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY017494.D

Acq: 27 Feb 2024 14:17

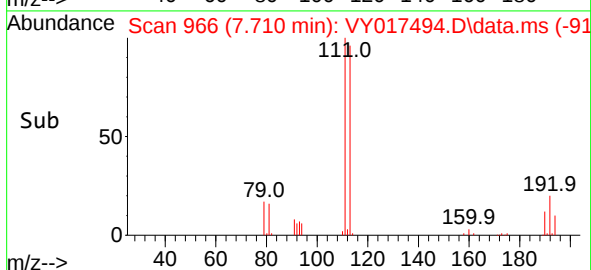
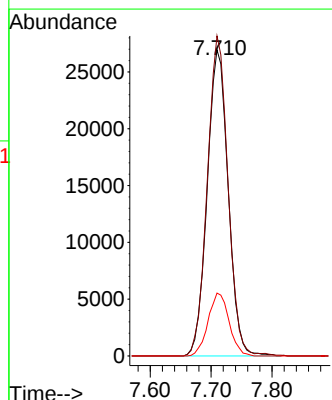
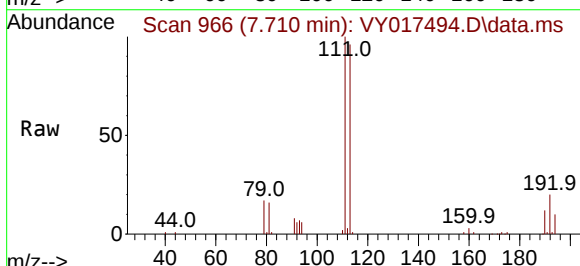
Tgt Ion:113 Resp: 64529

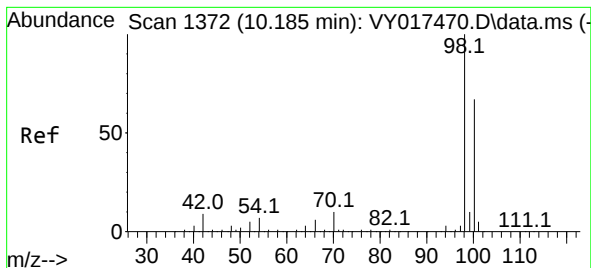
Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.4

192 20.5 15.9 23.9





#50

Toluene-d8

Concen: 46.291 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.006 min

Lab File: VY017494.D

Acq: 27 Feb 2024 14:17

Instrument :

MSVOA_Y

ClientSampleId :

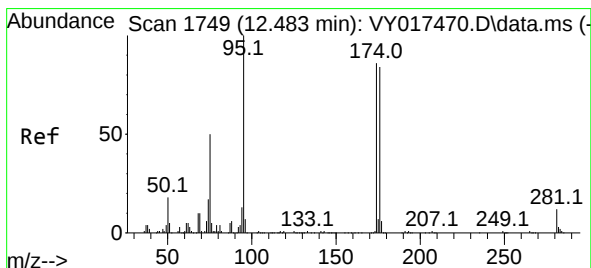
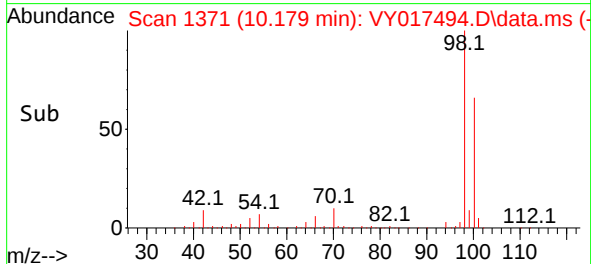
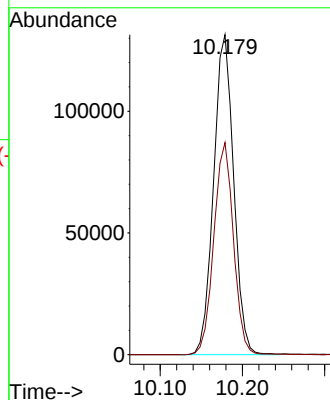
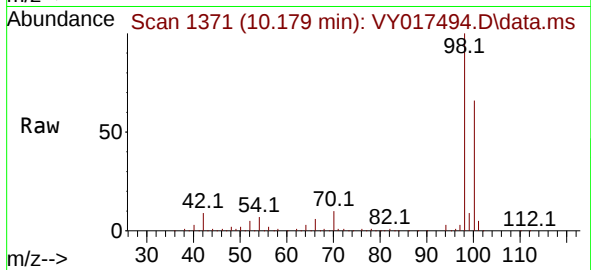
WC-1

Tgt Ion: 98 Resp: 222795

Ion Ratio Lower Upper

98 100

100 65.0 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 37.746 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY017494.D

Acq: 27 Feb 2024 14:17

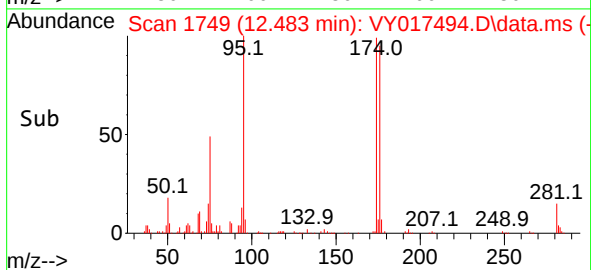
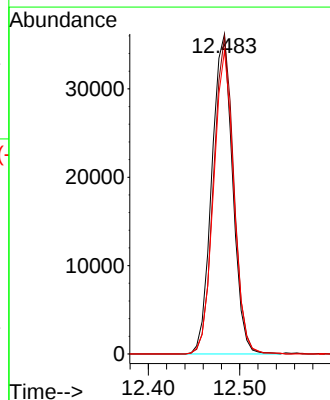
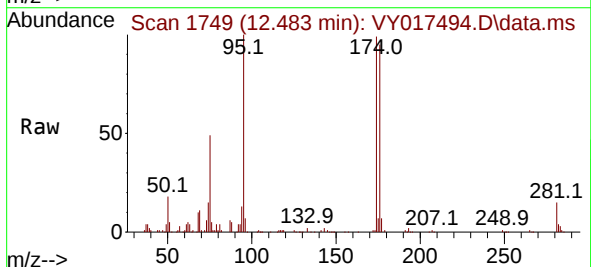
Tgt Ion: 95 Resp: 57094

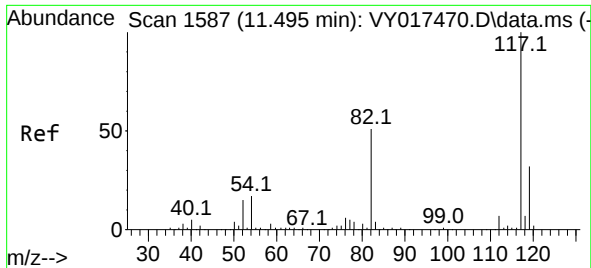
Ion Ratio Lower Upper

95 100

174 96.6 0.0 175.6

176 92.4 0.0 171.4

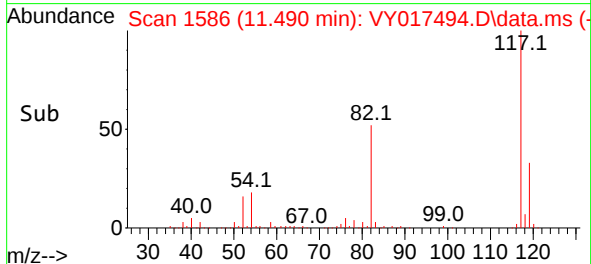
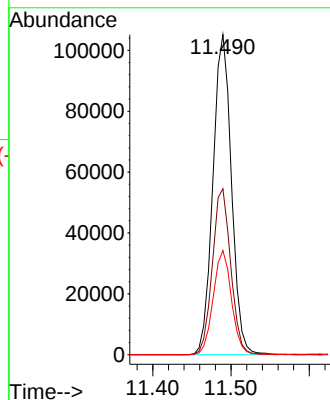
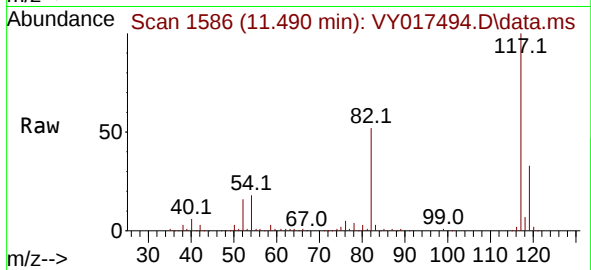




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY017494.D
Acq: 27 Feb 2024 14:17

Instrument :
MSVOA_Y
ClientSampleId :
WC-1

Tgt Ion:117 Resp: 172771
Ion Ratio Lower Upper
117 100
82 51.9 42.4 63.6
119 32.5 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY017494.D
Acq: 27 Feb 2024 14:17

Tgt Ion:152 Resp: 62286
Ion Ratio Lower Upper
152 100
115 53.8 28.2 84.7
150 157.1 0.0 345.6

