

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022724\
 Data File : VY017496.D
 Acq On : 27 Feb 2024 15:06
 Operator : SY/MD
 Sample : P1602-10
 Misc : 5.41g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-4

Quant Time: Feb 28 00:16:39 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	115156	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.685	114	202786	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	181930	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	67351	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	59286	54.323	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.640%
35) Dibromofluoromethane	7.710	113	66661	47.174	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.340%
50) Toluene-d8	10.179	98	227627	46.072	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.140%
62) 4-Bromofluorobenzene	12.483	95	62260	40.098	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.200%

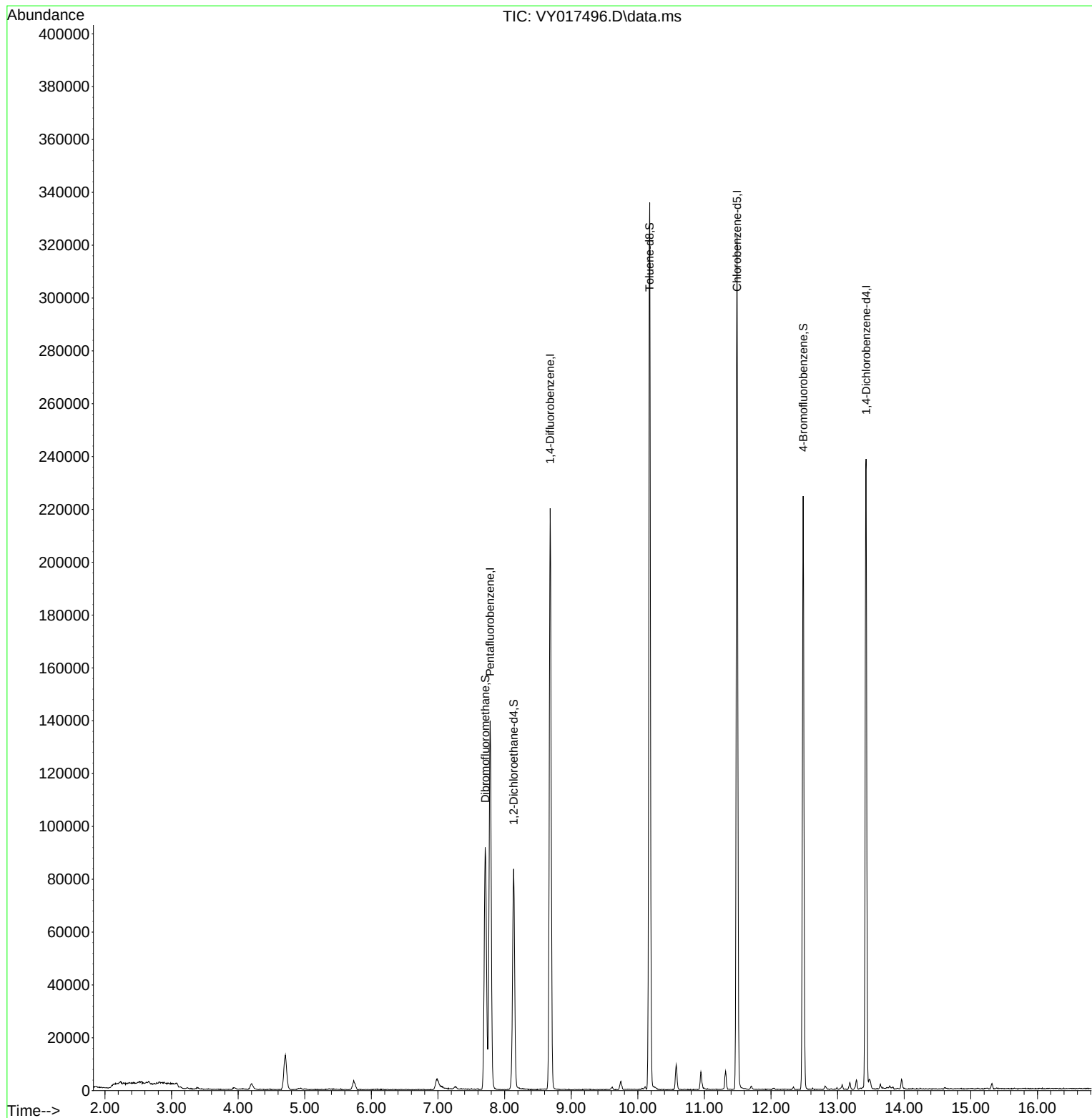
Target Compounds	Qvalue

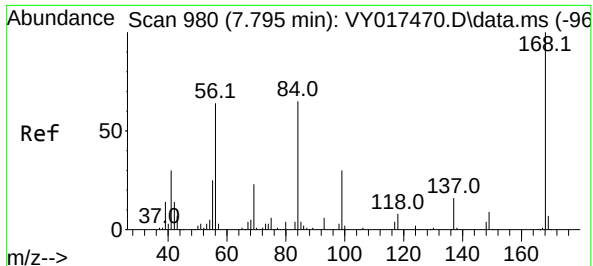
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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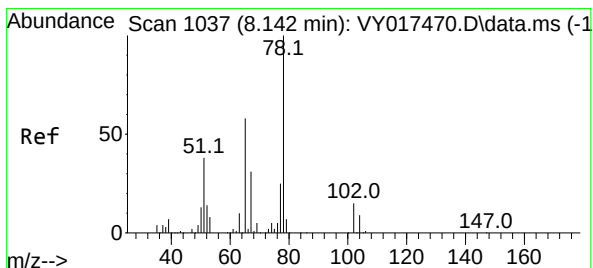
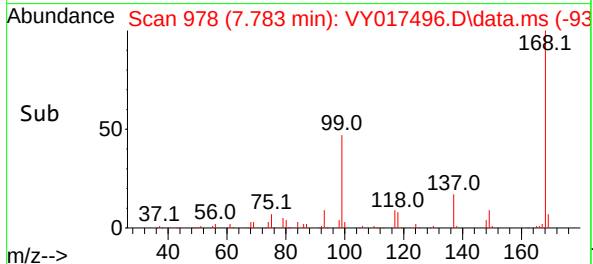
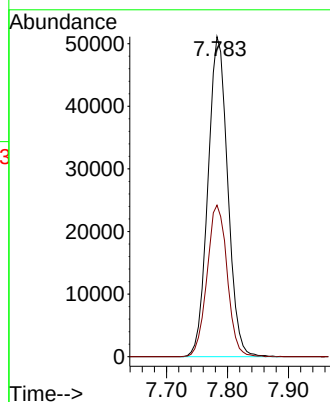
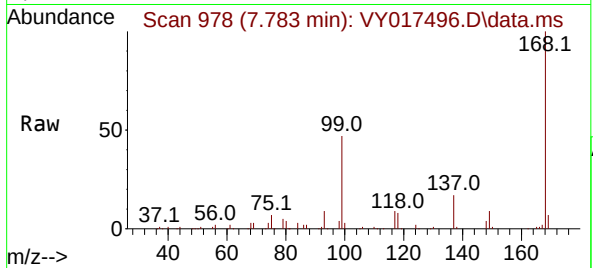




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY017496.D
Acq: 27 Feb 2024 15:06

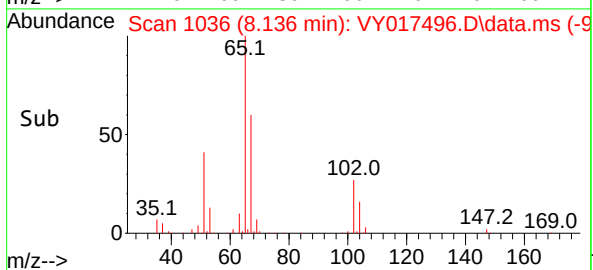
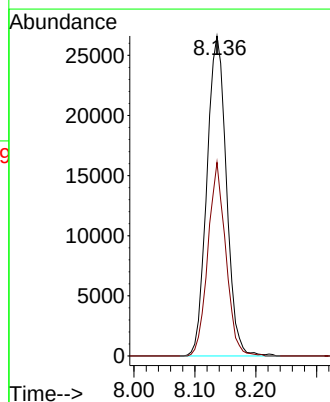
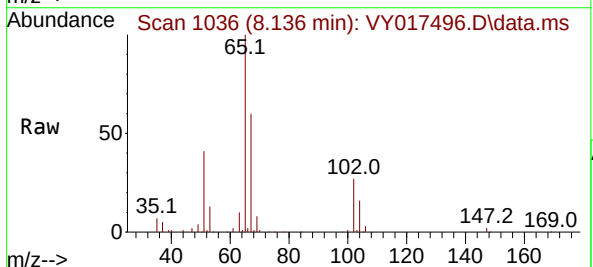
Instrument :
MSVOA_Y
ClientSampleId :
WC-4

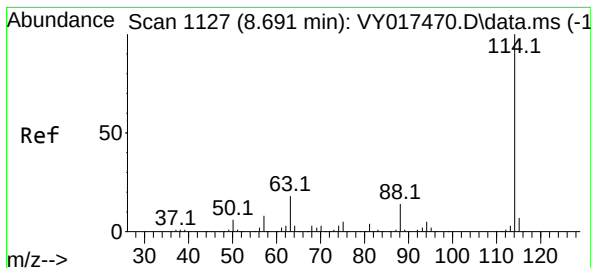
Tgt Ion:168 Resp: 115156
Ion Ratio Lower Upper
168 100
99 47.4 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 54.323 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY017496.D
Acq: 27 Feb 2024 15:06

Tgt Ion: 65 Resp: 59286
Ion Ratio Lower Upper
65 100
67 55.3 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: VY017496.D

Acq: 27 Feb 2024 15:06

Instrument :

MSVOA_Y

ClientSampleId :

WC-4

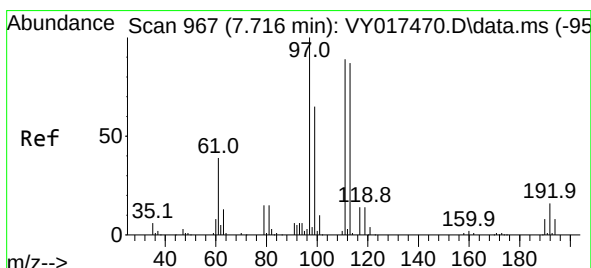
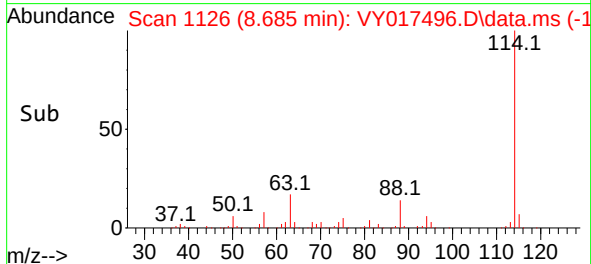
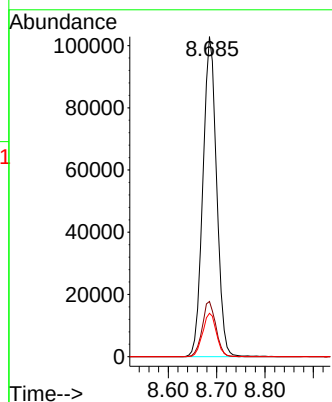
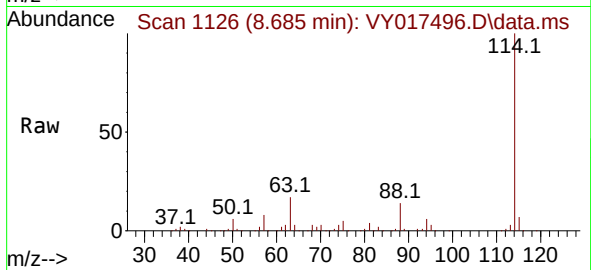
Tgt Ion:114 Resp: 202786

Ion Ratio Lower Upper

114 100

63 17.3 0.0 35.0

88 13.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 47.174 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY017496.D

Acq: 27 Feb 2024 15:06

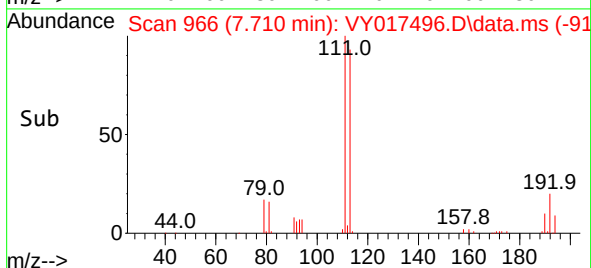
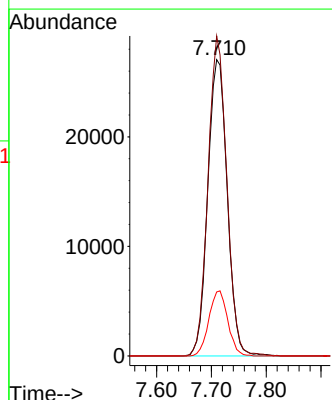
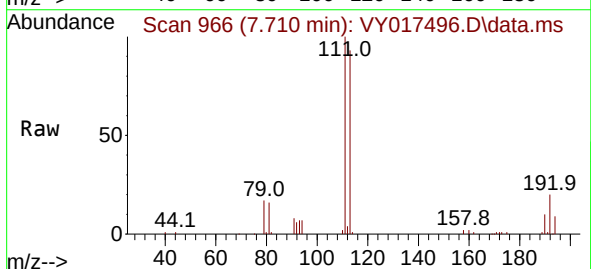
Tgt Ion:113 Resp: 66661

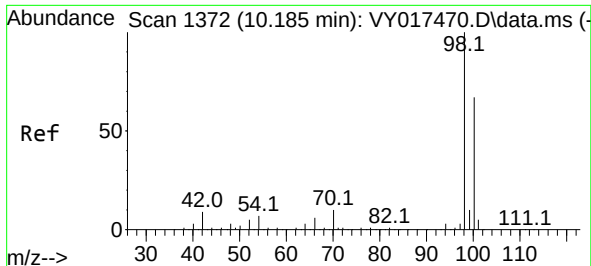
Ion Ratio Lower Upper

113 100

111 104.0 82.2 123.4

192 21.3 15.9 23.9

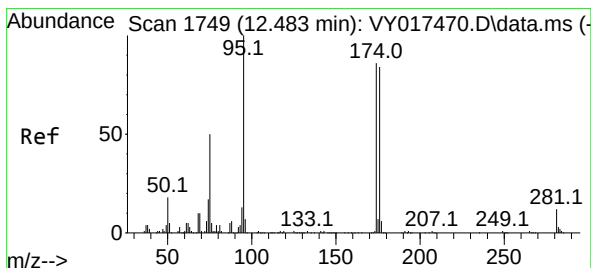
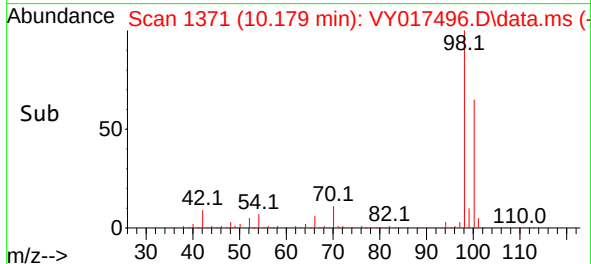
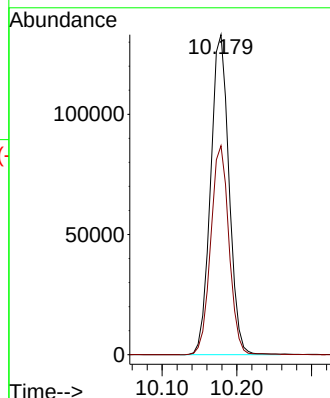
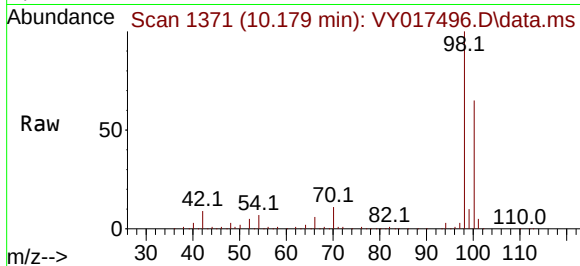




#50
Toluene-d8
Concen: 46.072 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017496.D
Acq: 27 Feb 2024 15:06

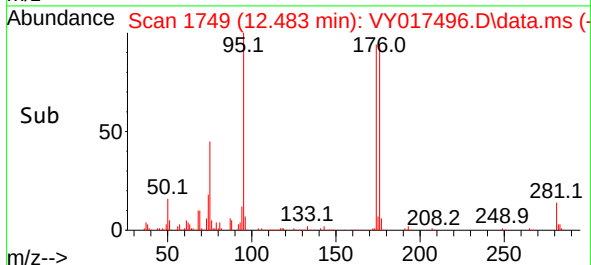
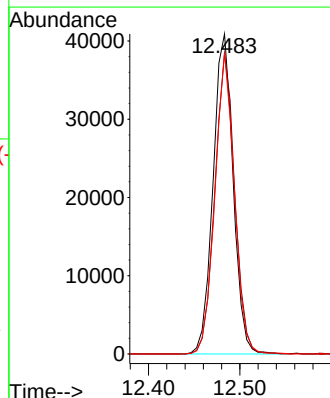
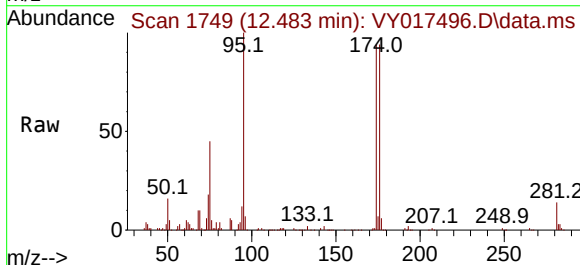
Instrument :
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WC-4

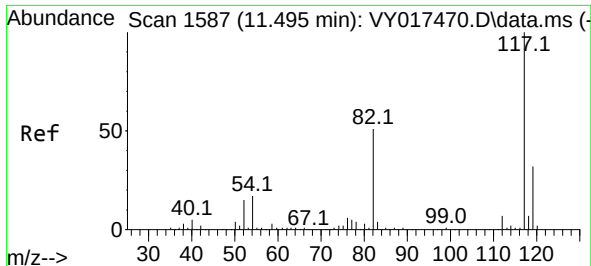
Tgt Ion: 98 Resp: 227627
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 40.098 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017496.D
Acq: 27 Feb 2024 15:06

Tgt Ion: 95 Resp: 62260
Ion Ratio Lower Upper
95 100
174 93.4 0.0 175.6
176 91.3 0.0 171.4

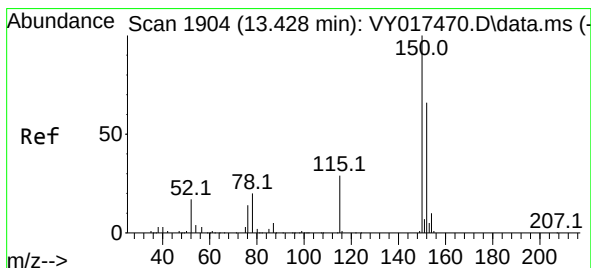
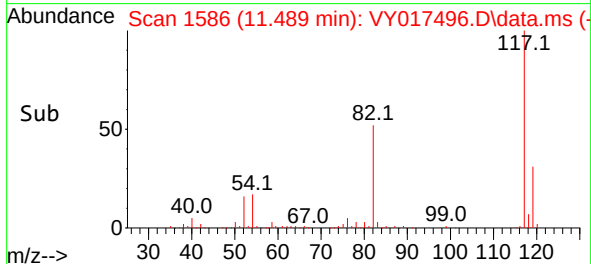
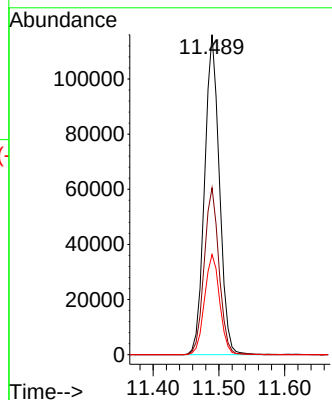
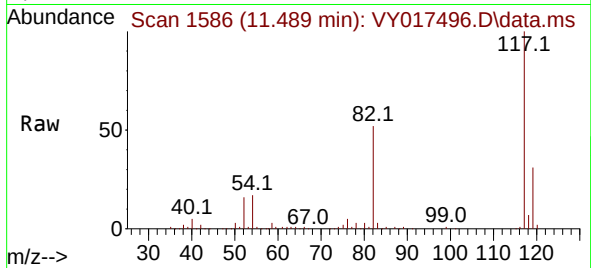




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017496.D
Acq: 27 Feb 2024 15:06

Instrument :
MSVOA_Y
ClientSampleId :
WC-4

Tgt Ion:117 Resp: 181930
Ion Ratio Lower Upper
117 100
82 52.1 42.4 63.6
119 31.3 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: VY017496.D
Acq: 27 Feb 2024 15:06

Tgt Ion:152 Resp: 67351
Ion Ratio Lower Upper
152 100
115 54.8 28.2 84.7
150 157.5 0.0 345.6

