

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060424\
 Data File : VY018469.D
 Acq On : 04 Jun 2024 17:20
 Operator : SY/MD
 Sample : P2683-04
 Misc : 7.22g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-5-VOC

Quant Time: Jun 05 01:28:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 07:11:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.771	168	2062	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.679	114	3784	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	2550	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.416	152	160	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	1828	45.142	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.280%
35) Dibromofluoromethane	7.710	113	1600	33.345	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	66.680%
50) Toluene-d8	10.173	98	5902	30.918	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	61.840%
62) 4-Bromofluorobenzene	12.477	95	615	10.347	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	20.700%#

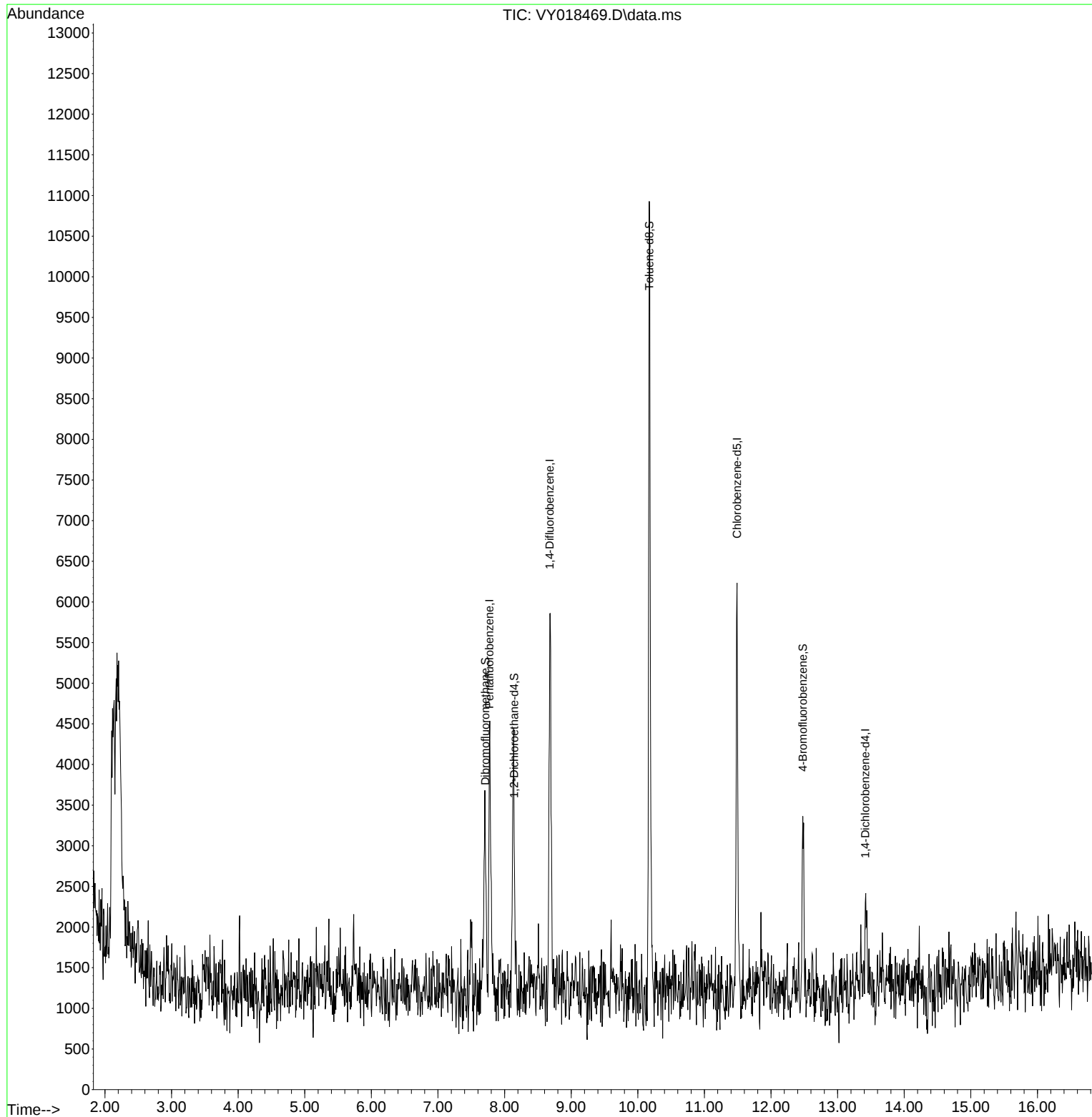
Target Compounds	Qvalue

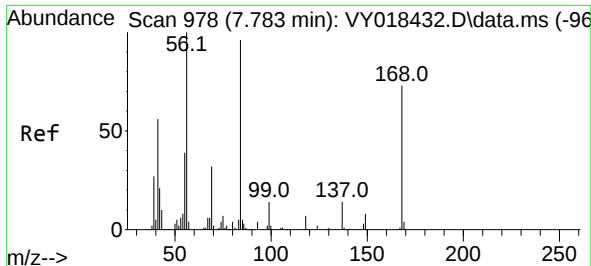
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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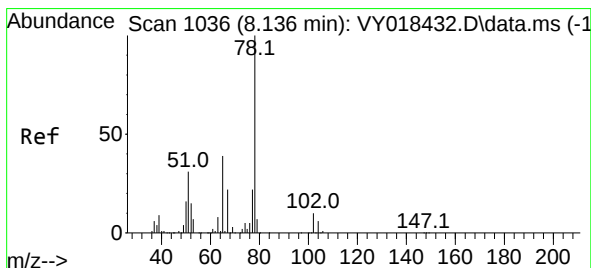
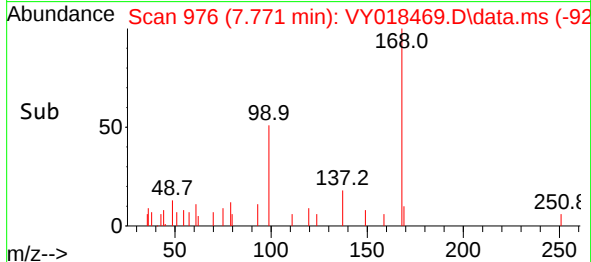
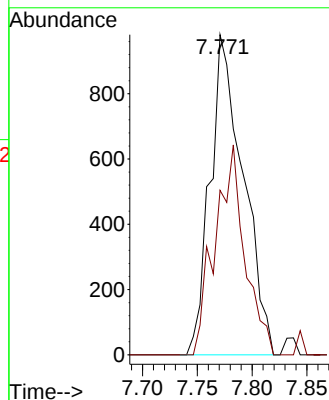
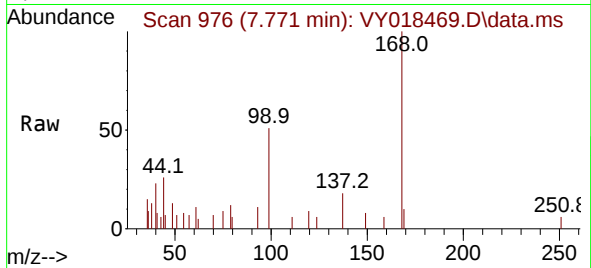




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY018469.D
Acq: 04 Jun 2024 17:20

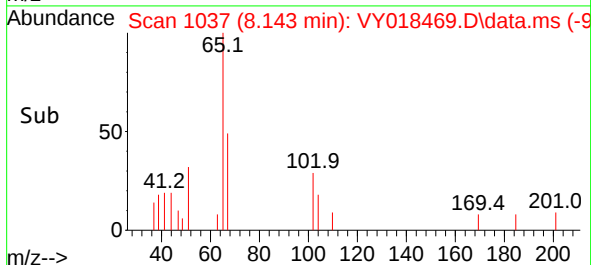
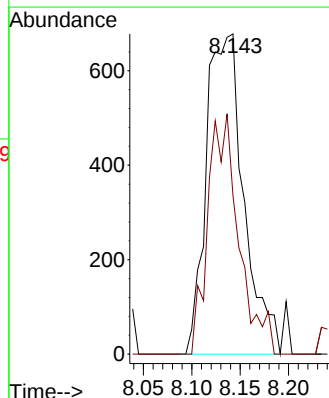
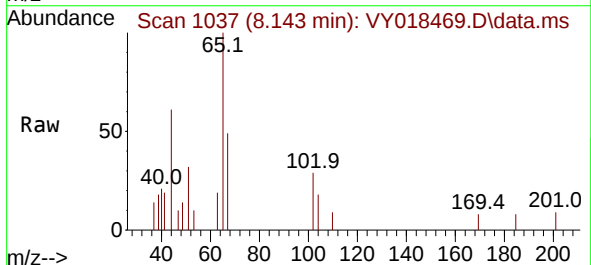
Instrument :
MSVOA_Y
ClientSampleId :
WC-5-VOC

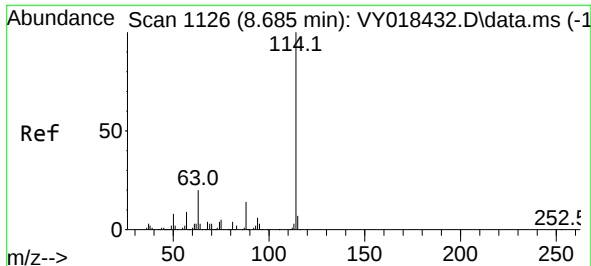
Tgt Ion:168 Resp: 2062
Ion Ratio Lower Upper
168 100
99 51.4 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 45.142 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY018469.D
Acq: 04 Jun 2024 17:20

Tgt Ion: 65 Resp: 1828
Ion Ratio Lower Upper
65 100
67 61.7 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.006 min

Lab File: VY018469.D

Acq: 04 Jun 2024 17:20

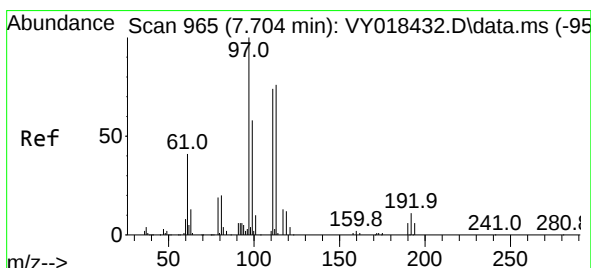
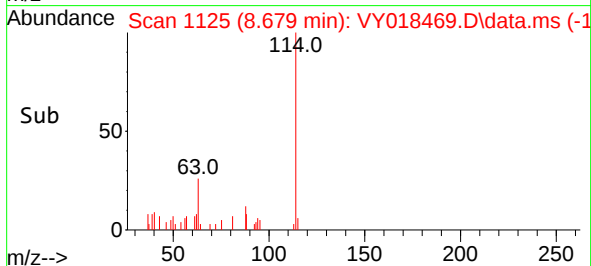
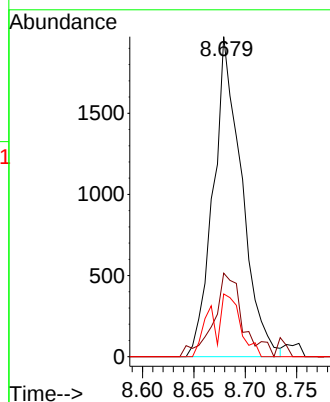
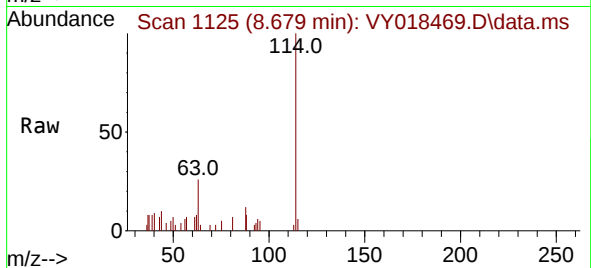
Instrument :

MSVOA_Y

ClientSampleId :

WC-5-VOC

Tgt Ion:114	Resp:	3784
Ion	Ratio	Lower Upper
114	100	
63	26.1	0.0 35.0
88	19.6	0.0 27.2



#35

Dibromofluoromethane

Concen: 33.345 ug/l

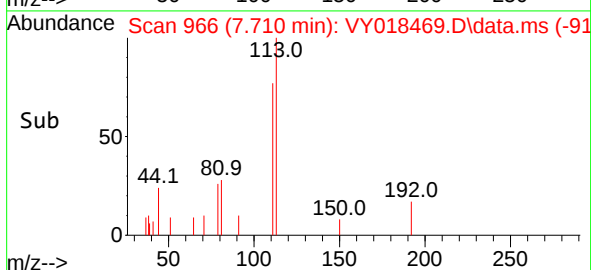
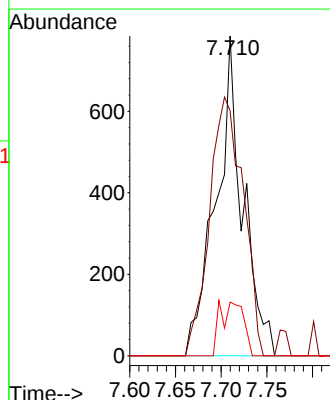
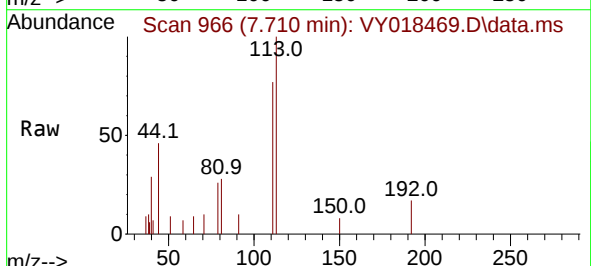
RT: 7.710 min Scan# 966

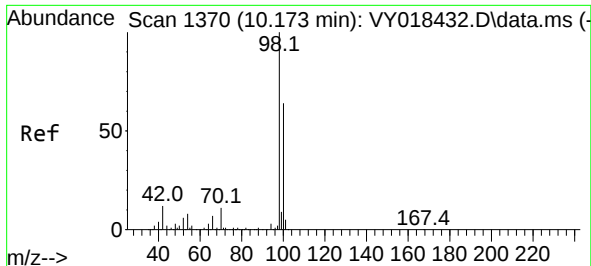
Delta R.T. 0.006 min

Lab File: VY018469.D

Acq: 04 Jun 2024 17:20

Tgt Ion:113	Resp:	1600
Ion	Ratio	Lower Upper
113	100	
111	101.9	82.2 123.4
192	14.8	15.9 23.9

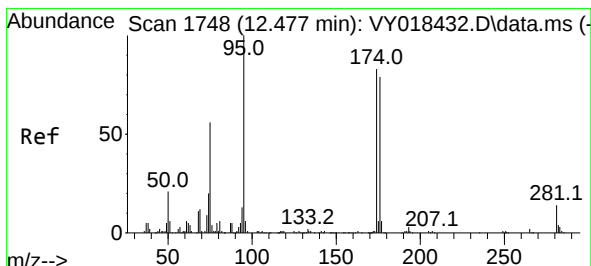
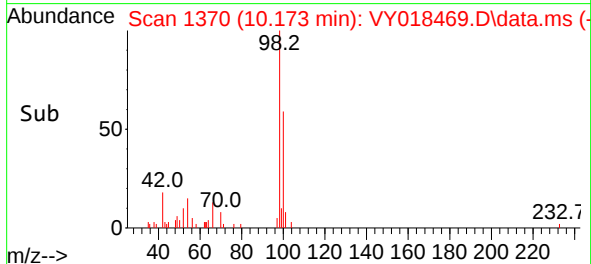
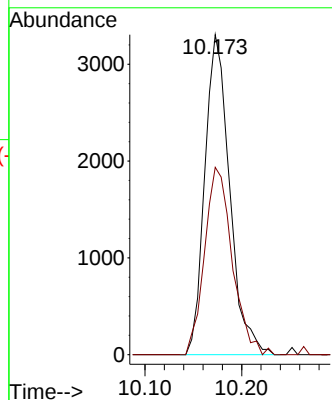
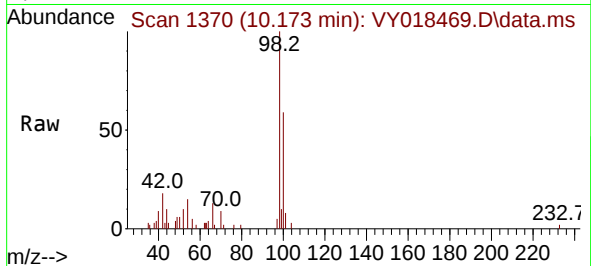




#50
Toluene-d8
Concen: 30.918 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018469.D
Acq: 04 Jun 2024 17:20

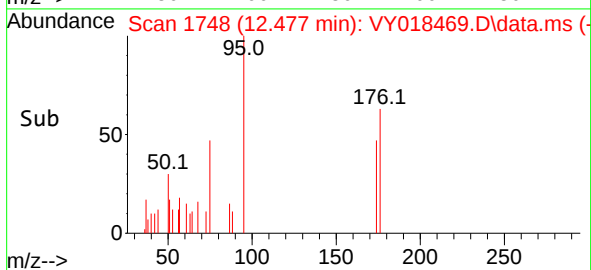
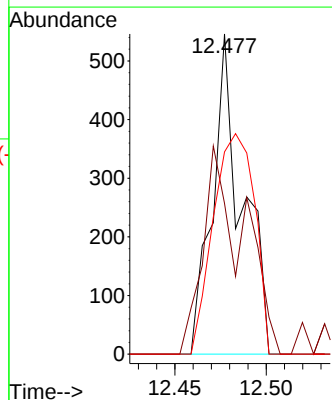
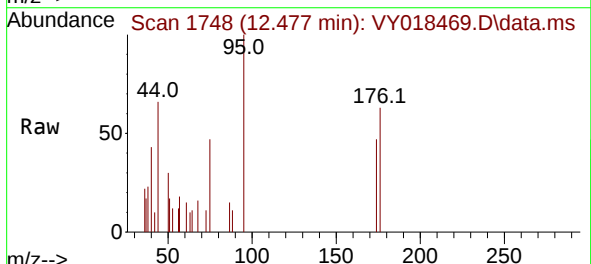
Instrument :
MSVOA_Y
ClientSampleId :
WC-5-VOC

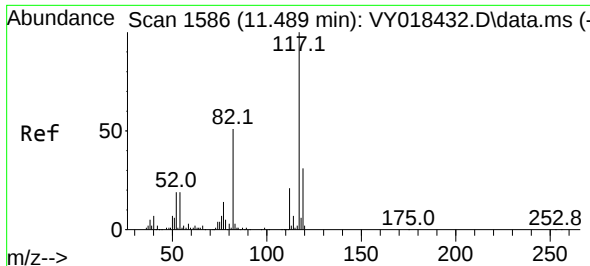
Tgt Ion: 98 Resp: 5902
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 10.347 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018469.D
Acq: 04 Jun 2024 17:20

Tgt Ion: 95 Resp: 615
Ion Ratio Lower Upper
95 100
174 88.5 0.0 175.6
176 96.4 0.0 171.4

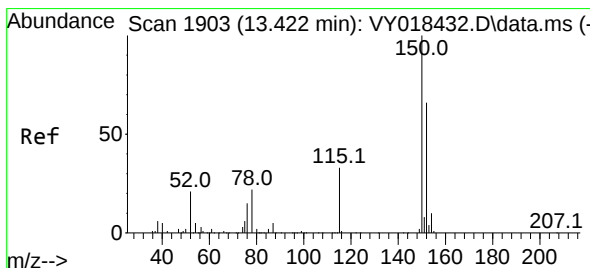
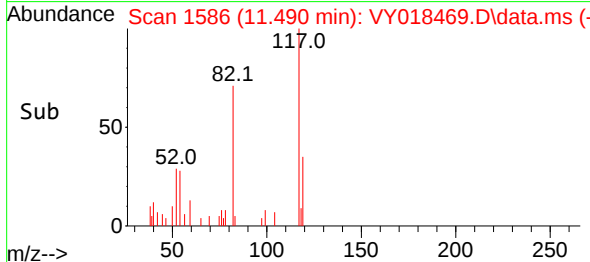
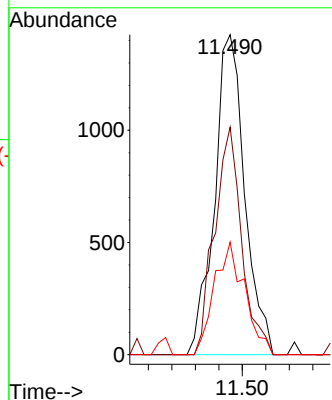
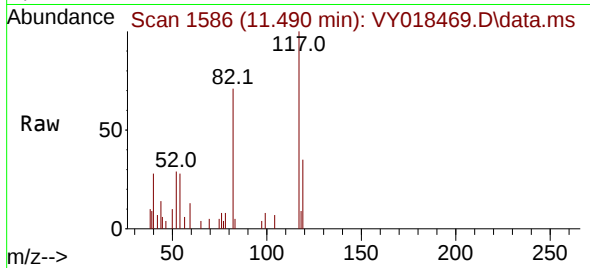




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018469.D
Acq: 04 Jun 2024 17:20

Instrument :
MSVOA_Y
ClientSampleId :
WC-5-VOC

Tgt Ion:117 Resp: 2550
Ion Ratio Lower Upper
117 100
82 71.1 42.4 63.6#
119 35.2 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.416 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VY018469.D
Acq: 04 Jun 2024 17:20

Tgt Ion:152 Resp: 160
Ion Ratio Lower Upper
152 100
115 26.3 28.2 84.7#
150 236.9 0.0 345.6

