

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052423\
 Data File : VY013853.D
 Acq On : 24 May 2023 17:55
 Operator : KP/MD
 Sample : 02886-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1

Quant Time: May 25 07:09:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 2023
 Response via : Initial Calibration

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

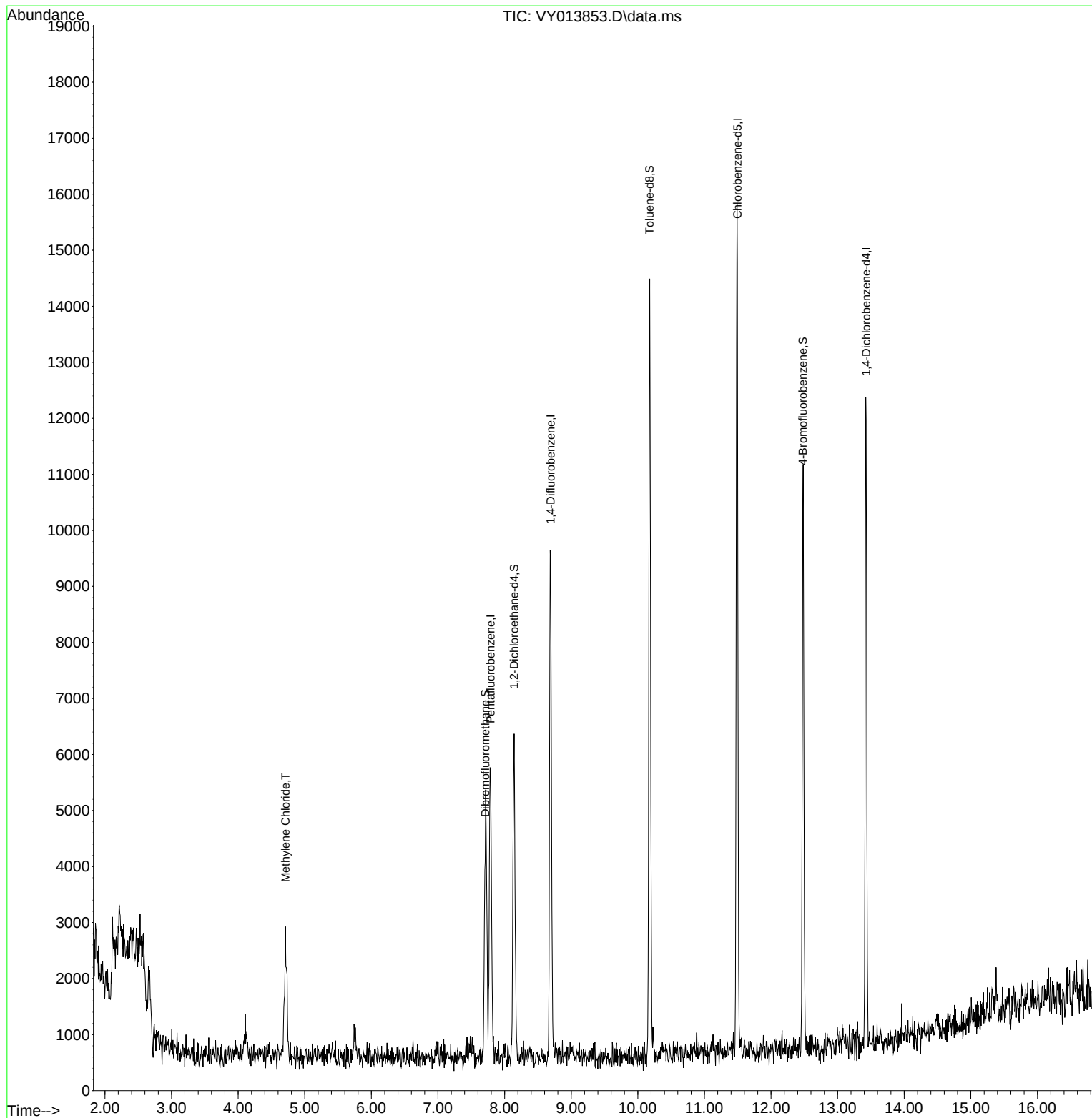
Internal Standards						
1) Pentafluorobenzene	7.789	168	4590	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	7969	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	8530	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	3067	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	4532	85.346	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	170.700%	#
35) Dibromofluoromethane	7.709	113	3513	68.261	ug/l	-0.01
Spiked Amount	50.000	Range 54 - 147	Recovery	=	136.520%	
50) Toluene-d8	10.178	98	9859	50.404	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	100.800%	
62) 4-Bromofluorobenzene	12.477	95	3072	47.249	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	=	94.500%	
Target Compounds						
						Qvalue
20) Methylene Chloride	4.710	84	1568	26.885	ug/l	# 75

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

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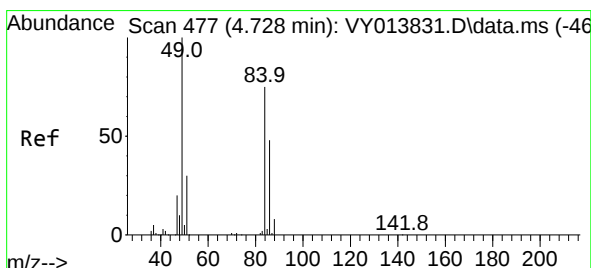
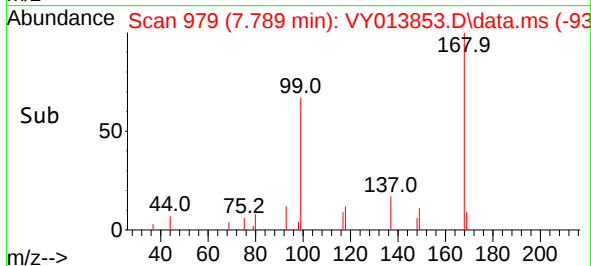
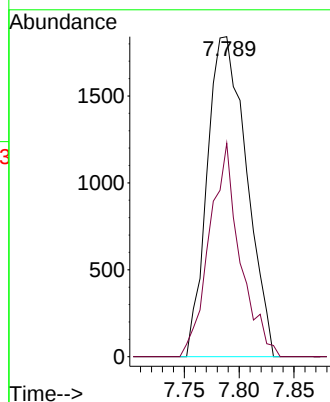
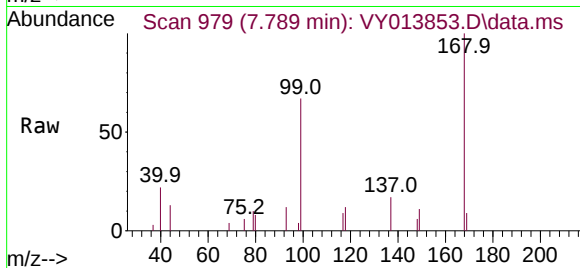




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013853.D
Acq: 24 May 2023 17:55

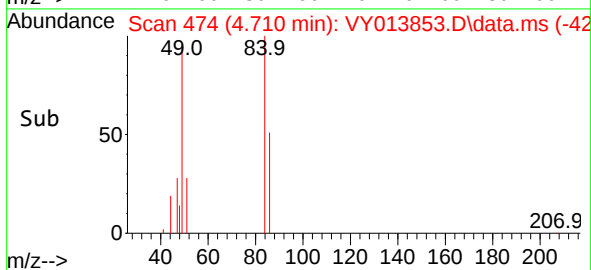
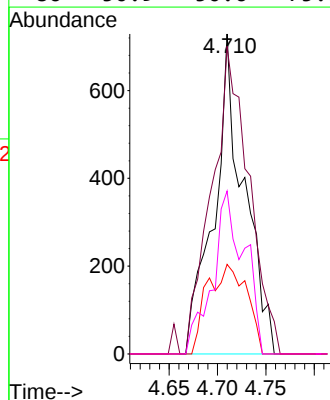
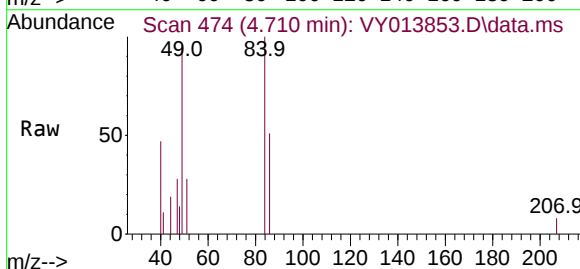
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

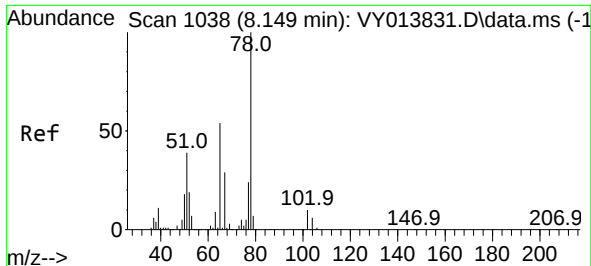
Tgt Ion:168 Resp: 4590
Ion Ratio Lower Upper
168 100
99 66.7 43.4 65.2#



#20
Methylene Chloride
Concen: 26.885 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.018 min
Lab File: VY013853.D
Acq: 24 May 2023 17:55

Tgt Ion: 84 Resp: 1568
Ion Ratio Lower Upper
84 100
49 96.2 106.2 159.2#
51 28.0 31.4 47.0#
86 50.9 50.6 75.8





#33

1,2-Dichloroethane-d4

Concen: 85.346 ug/l

RT: 8.142 min Scan# 1103

Delta R.T. -0.006 min

Lab File: VY013853.D

Acq: 24 May 2023 17:55

Instrument :

MSVOA_Y

ClientSampleId :

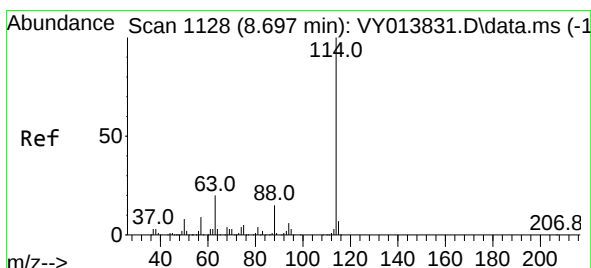
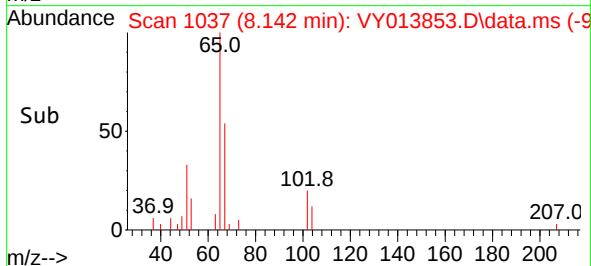
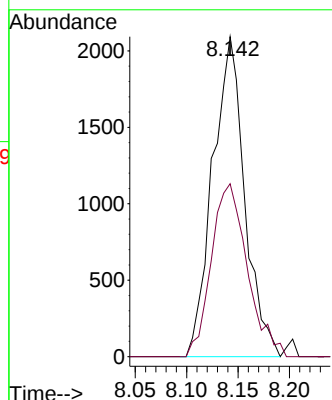
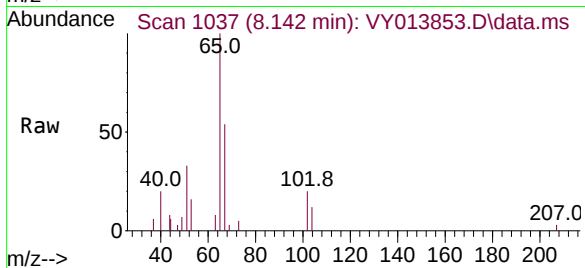
WC-1

Tgt Ion: 65 Resp: 4532

Ion Ratio Lower Upper

65 100

67 60.6 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY013853.D

Acq: 24 May 2023 17:55

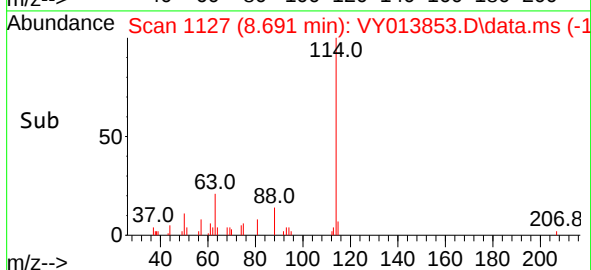
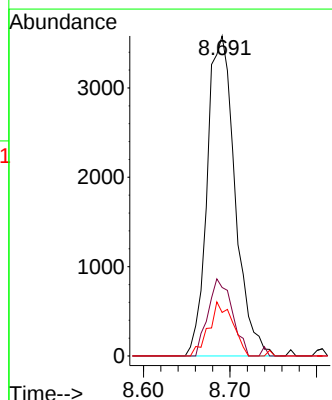
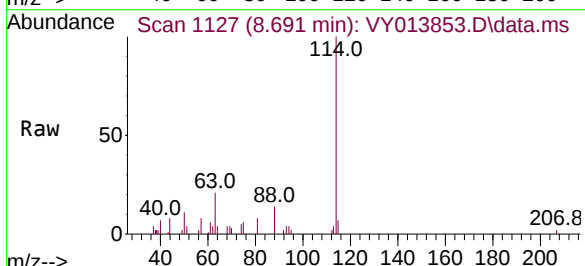
Tgt Ion: 114 Resp: 7969

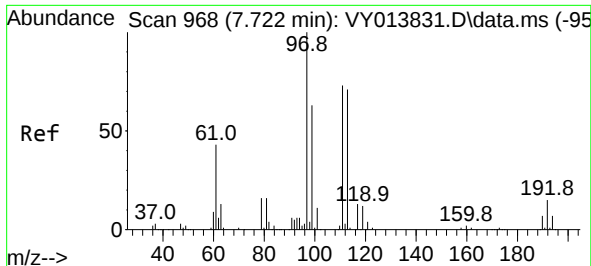
Ion Ratio Lower Upper

114 100

63 21.4 0.0 40.2

88 13.6 0.0 30.0

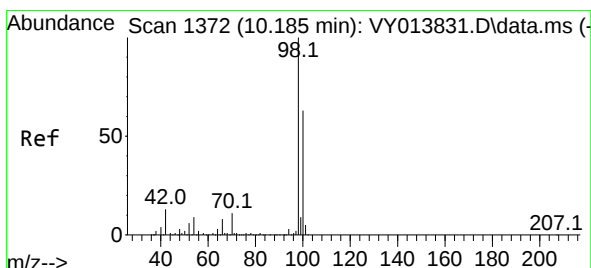
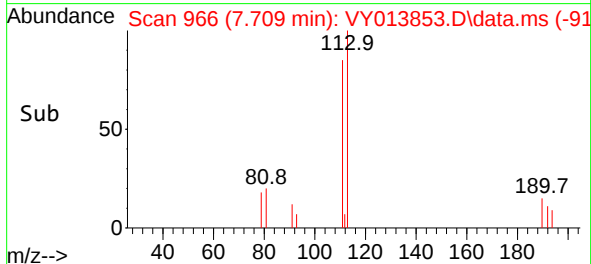
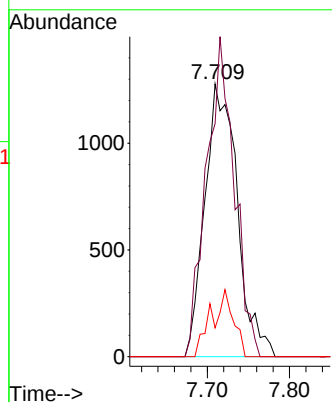
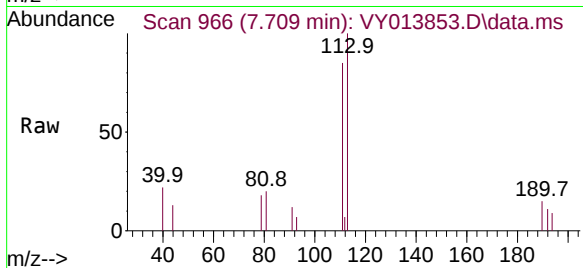




#35
Dibromofluoromethane
Concen: 68.261 ug/l
RT: 7.709 min Scan# 91
Delta R.T. -0.013 min
Lab File: VY013853.D
Acq: 24 May 2023 17:55

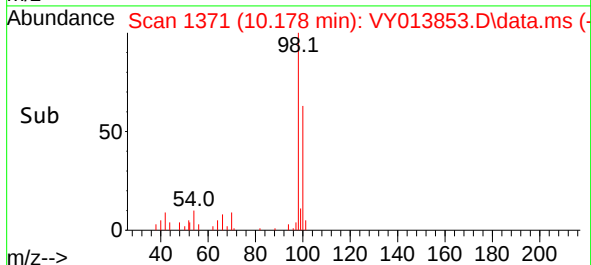
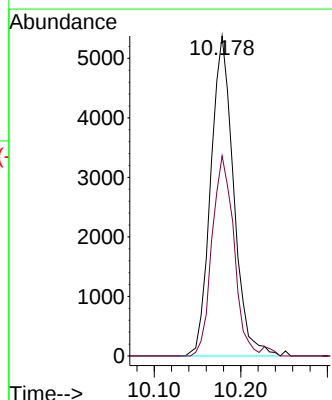
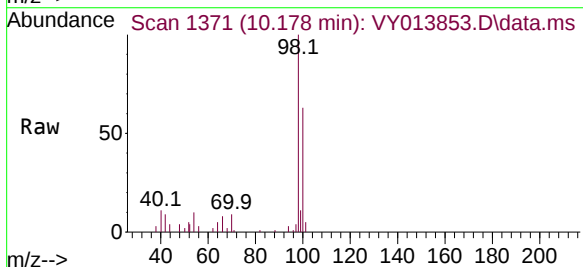
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

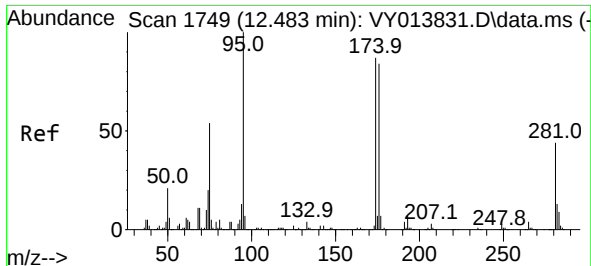
Tgt Ion:113 Resp: 3513
Ion Ratio Lower Upper
113 100
111 100.3 80.4 120.6
192 16.6 16.6 25.0#



#50
Toluene-d8
Concen: 50.404 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY013853.D
Acq: 24 May 2023 17:55

Tgt Ion: 98 Resp: 9859
Ion Ratio Lower Upper
98 100
100 59.7 50.8 76.2





#62

4-Bromofluorobenzene

Concen: 47.249 ug/l

RT: 12.477 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013853.D

Acq: 24 May 2023 17:55

Instrument :

MSVOA_Y

ClientSampleId :

WC-1

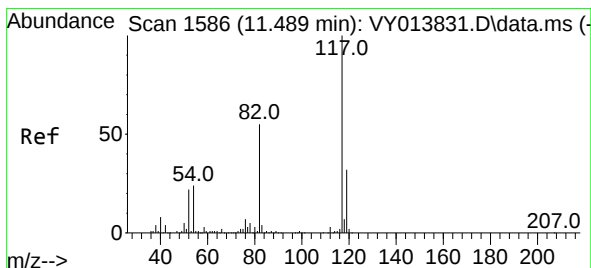
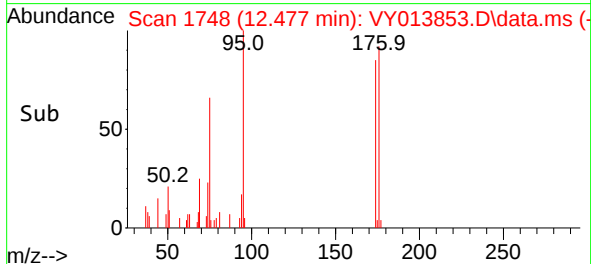
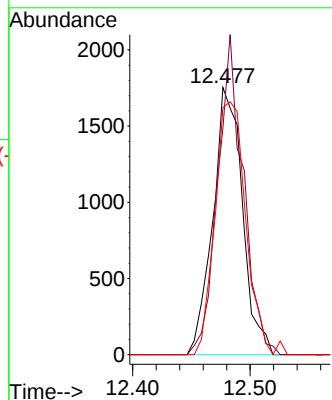
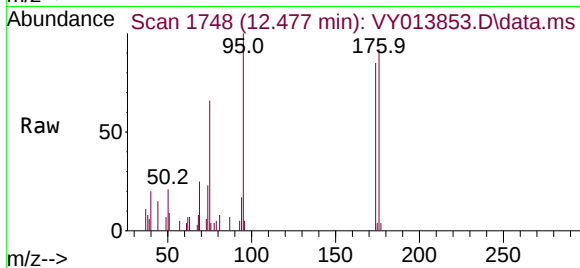
Tgt Ion: 95 Resp: 3072

Ion Ratio Lower Upper

95 100

174 103.4 0.0 176.0

176 99.0 0.0 170.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 1587

Delta R.T. 0.006 min

Lab File: VY013853.D

Acq: 24 May 2023 17:55

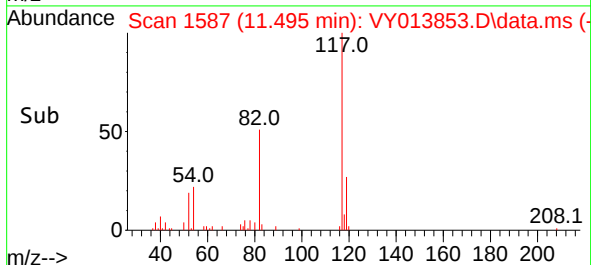
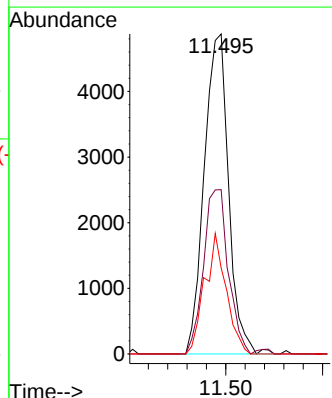
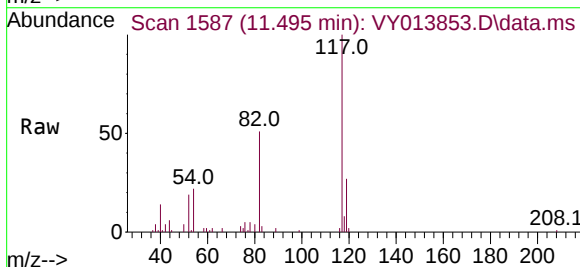
Tgt Ion: 117 Resp: 8530

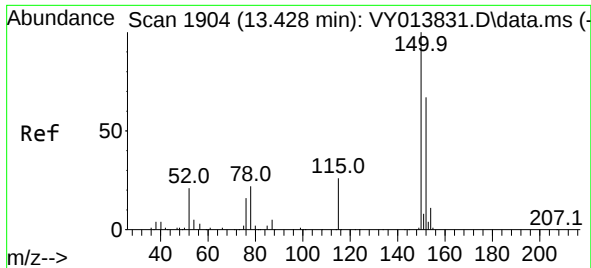
Ion Ratio Lower Upper

117 100

82 51.4 44.2 66.4

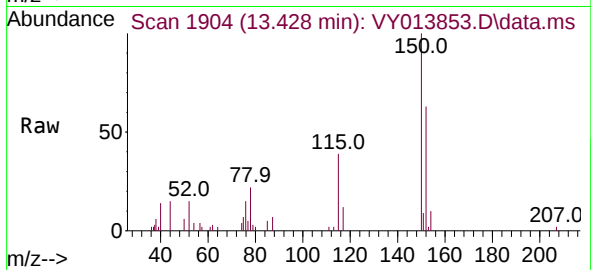
119 26.9 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY013853.D
 Acq: 24 May 2023 17:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1



Tgt Ion:	152	Resp:	3067
Ion Ratio	Lower	Upper	
152	100		
115	62.0	28.8	86.5
150	171.5	0.0	353.4

