

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101323\
 Data File : VY015953.D
 Acq On : 13 Oct 2023 13:20
 Operator : SY/MD
 Sample : 04858-01
 Misc : 5.52g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1

Quant Time: Oct 14 01:49:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 13 13:13:02 2023
 Response via : Initial Calibration

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

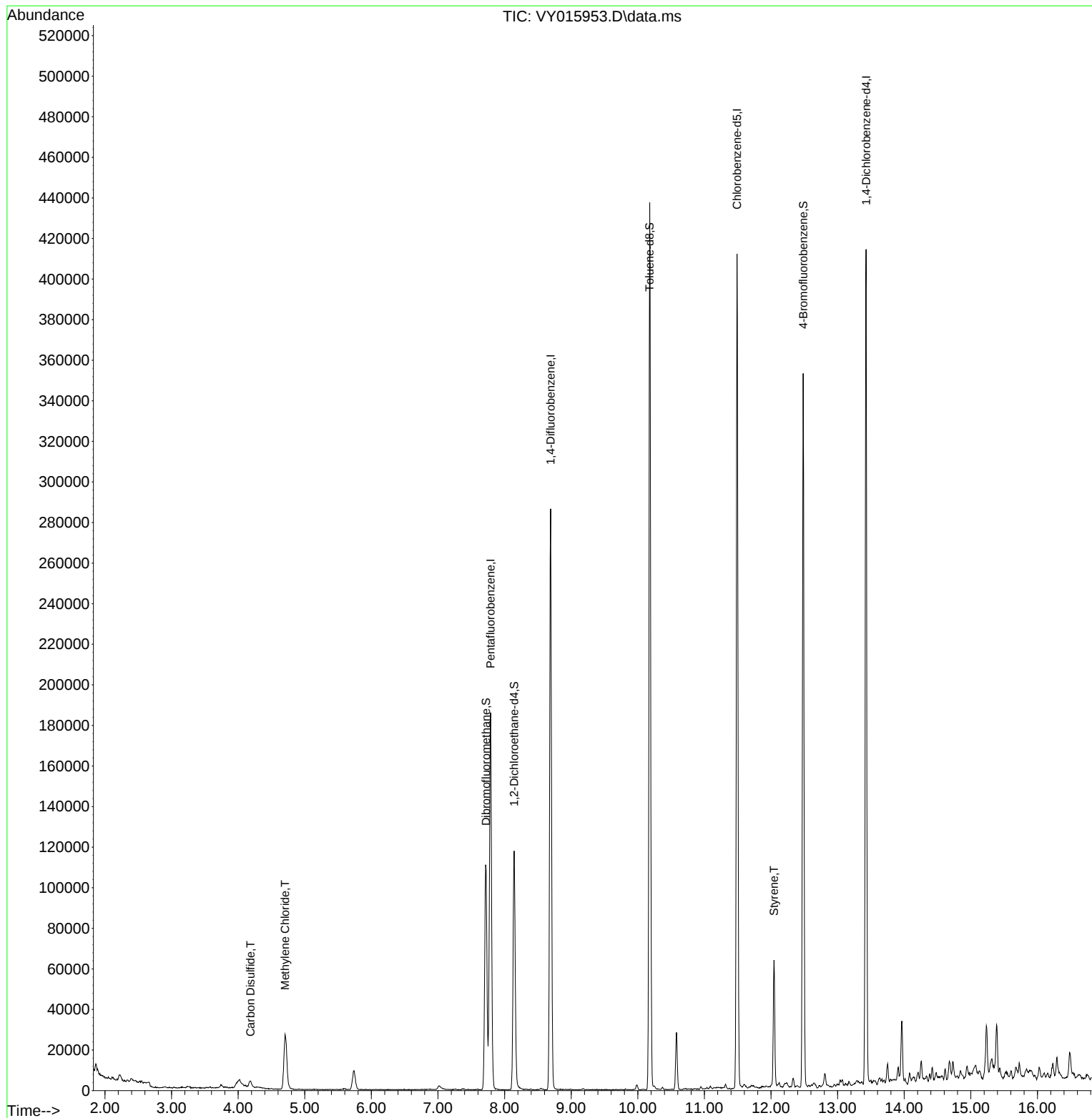
Internal Standards						
1) Pentafluorobenzene	7.789	168	142637	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	246041	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	228943	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	107728	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	93305	57.317	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.640%
35) Dibromofluoromethane	7.722	113	82168	53.047	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.100%
50) Toluene-d8	10.179	98	289162	49.849	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.700%
62) 4-Bromofluorobenzene	12.483	95	102181	49.469	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.940%
Target Compounds						
					Qvalue	
17) Carbon Disulfide	4.186	76	5984	1.411	ug/l	97
20) Methylene Chloride	4.704	84	21581	8.507	ug/l	87
70) Styrene	12.044	104	31860	6.049	ug/l #	84

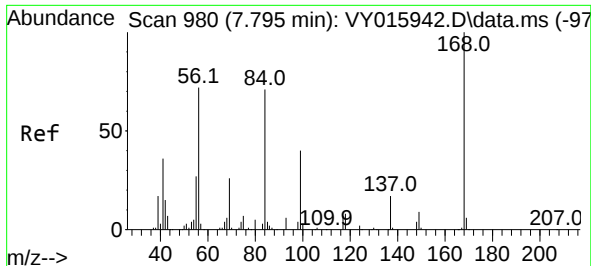
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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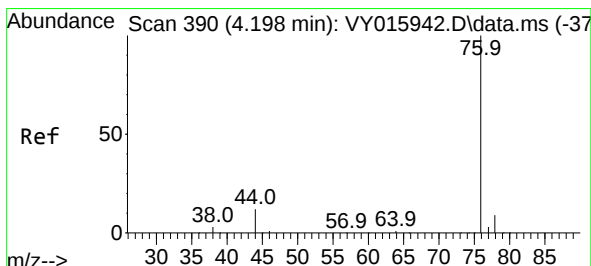
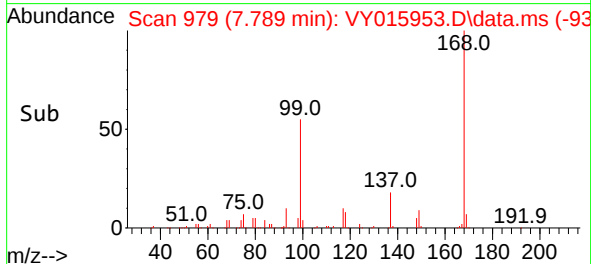
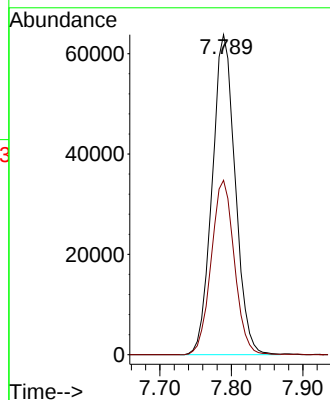
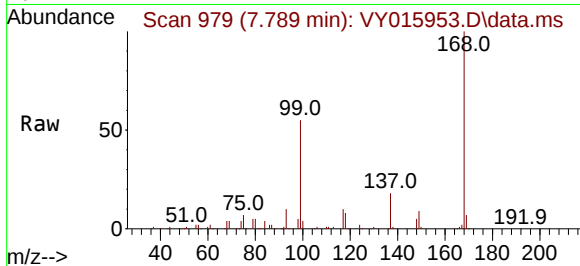




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015953.D
Acq: 13 Oct 2023 13:20

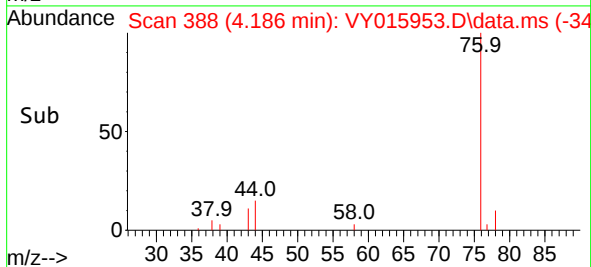
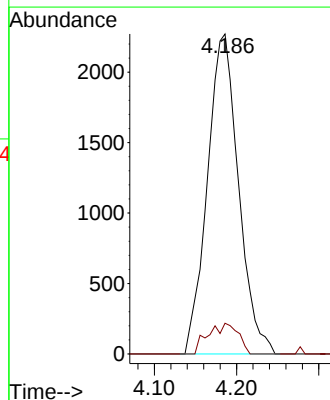
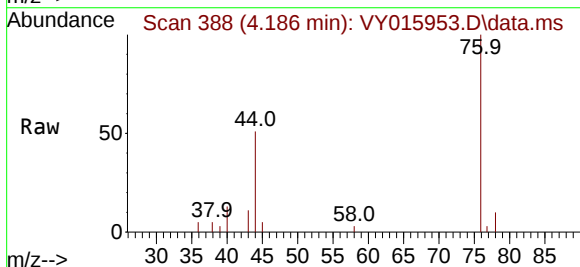
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

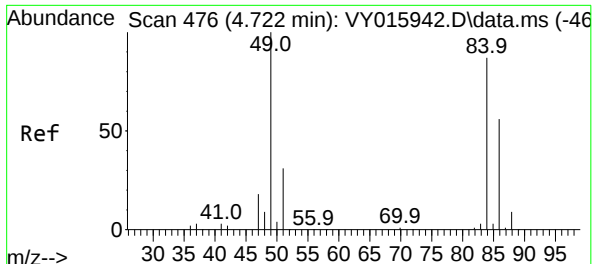
Tgt Ion:168 Resp: 142637
Ion Ratio Lower Upper
168 100
99 54.5 43.4 65.0



#17
Carbon Disulfide
Concen: 1.411 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.012 min
Lab File: VY015953.D
Acq: 13 Oct 2023 13:20

Tgt Ion: 76 Resp: 5984
Ion Ratio Lower Upper
76 100
78 9.6 7.0 10.4

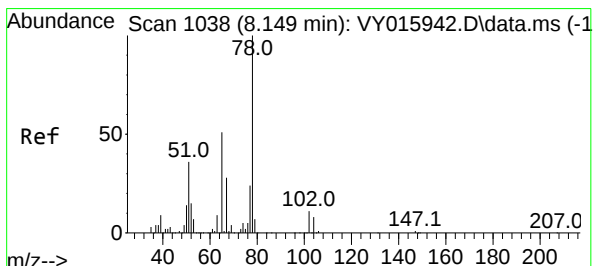
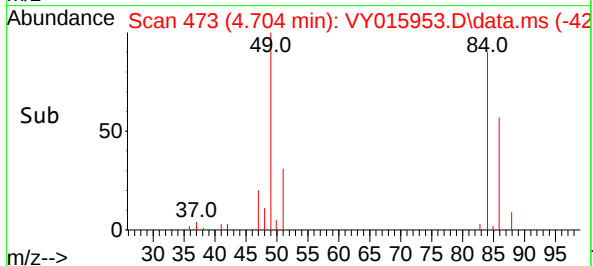
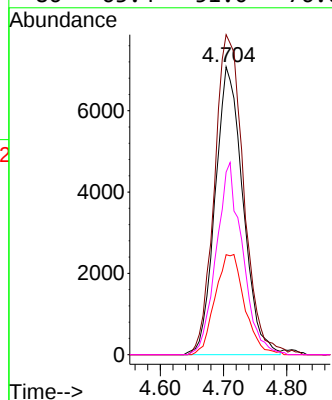
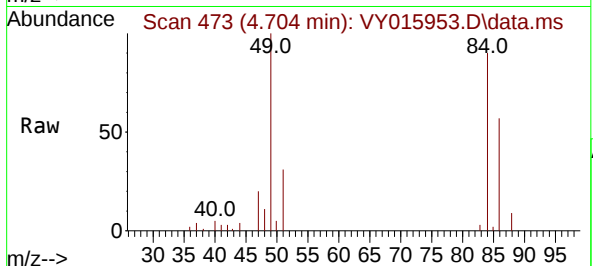




#20
Methylene Chloride
Concen: 8.507 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.018 min
Lab File: VY015953.D
Acq: 13 Oct 2023 13:20

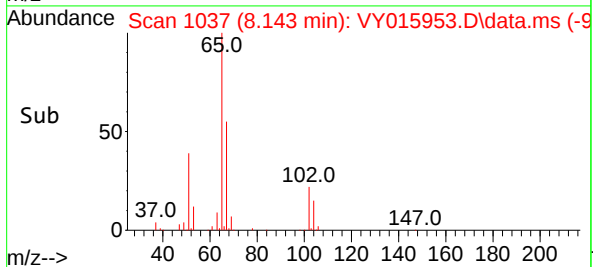
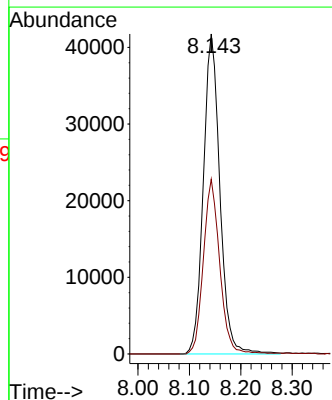
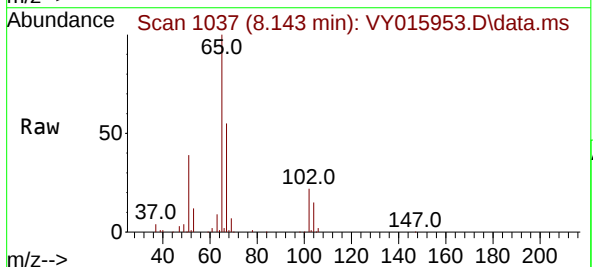
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

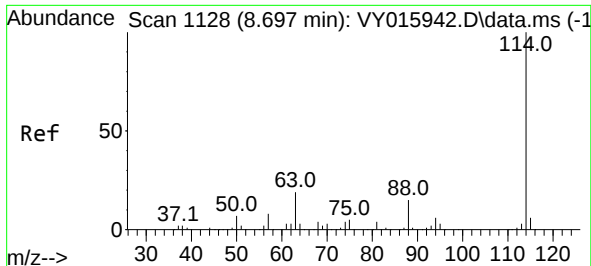
Tgt Ion:	84	Resp:	21581
Ion	Ratio	Lower	Upper
84	100		
49	111.1	106.9	160.3
51	34.8	33.2	49.8
86	63.4	51.0	76.6



#33
1,2-Dichloroethane-d4
Concen: 57.317 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY015953.D
Acq: 13 Oct 2023 13:20

Tgt Ion:	65	Resp:	93305
Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY015953.D

Acq: 13 Oct 2023 13:20

Instrument :

MSVOA_Y

ClientSampleId :

WC-1

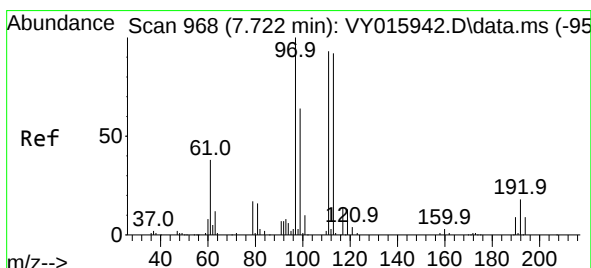
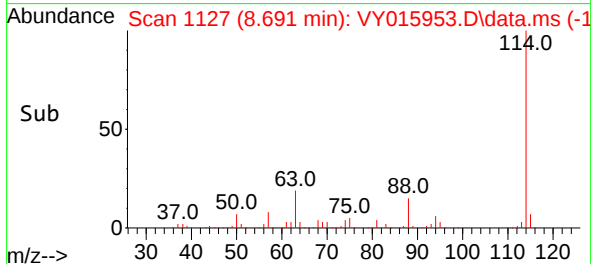
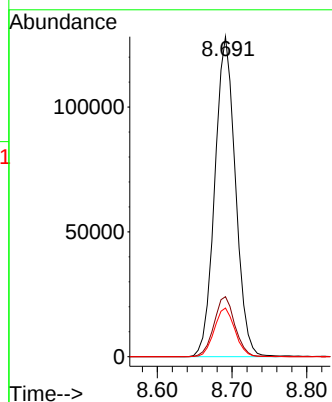
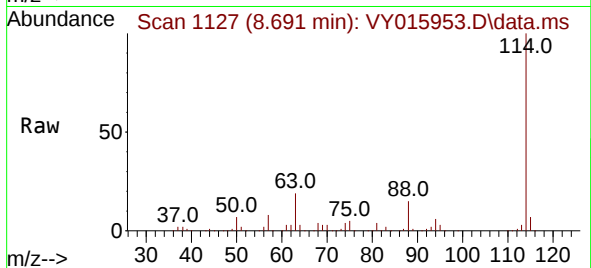
Tgt Ion:114 Resp: 246041

Ion Ratio Lower Upper

114 100

63 18.8 0.0 42.4

88 15.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.047 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY015953.D

Acq: 13 Oct 2023 13:20

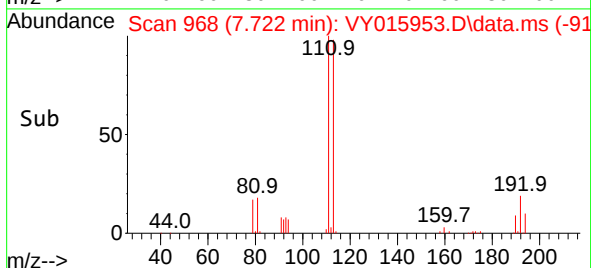
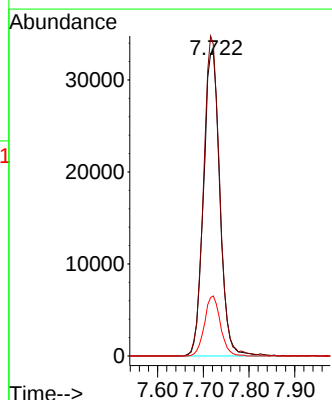
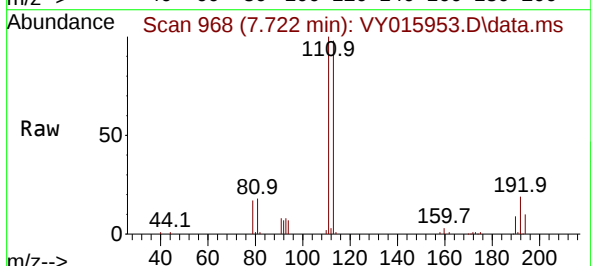
Tgt Ion:113 Resp: 82168

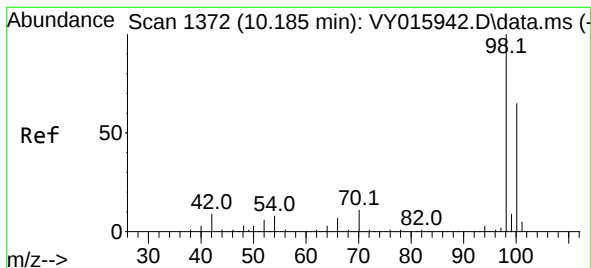
Ion Ratio Lower Upper

113 100

111 103.1 81.3 121.9

192 19.2 16.9 25.3





#50

Toluene-d8

Concen: 49.849 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.006 min

Lab File: VY015953.D

Acq: 13 Oct 2023 13:20

Instrument :

MSVOA_Y

ClientSampleId :

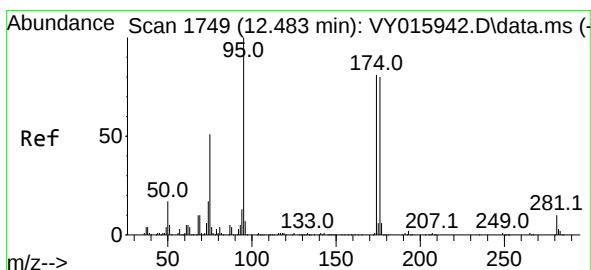
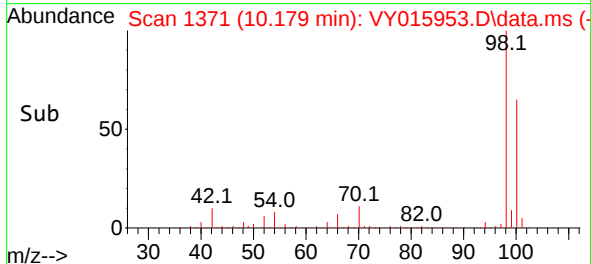
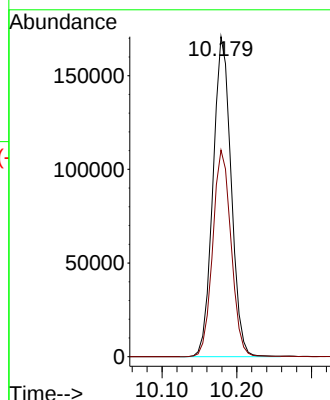
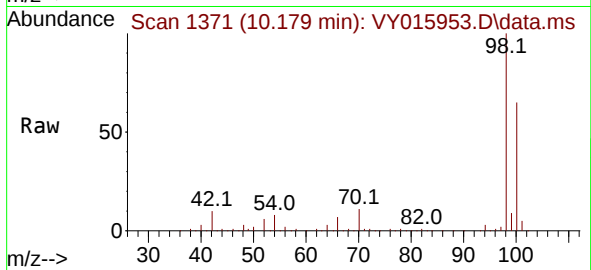
WC-1

Tgt Ion: 98 Resp: 289162

Ion Ratio Lower Upper

98 100

100 65.2 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 49.469 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY015953.D

Acq: 13 Oct 2023 13:20

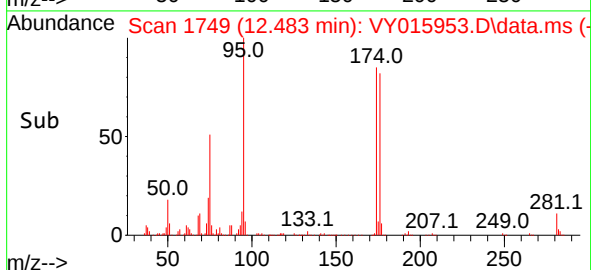
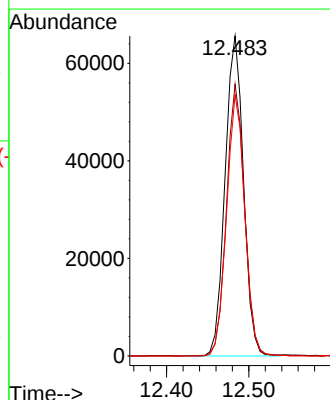
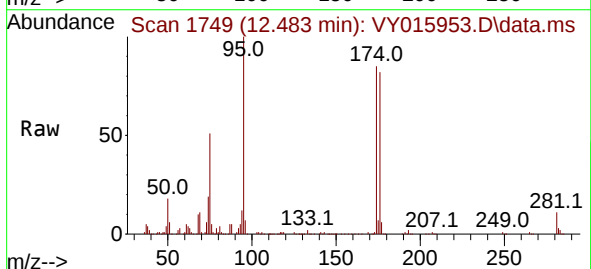
Tgt Ion: 95 Resp: 102181

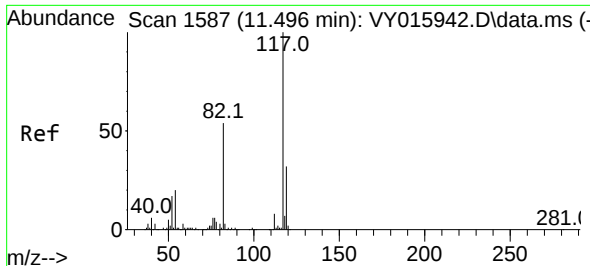
Ion Ratio Lower Upper

95 100

174 83.6 0.0 178.2

176 80.7 0.0 173.8

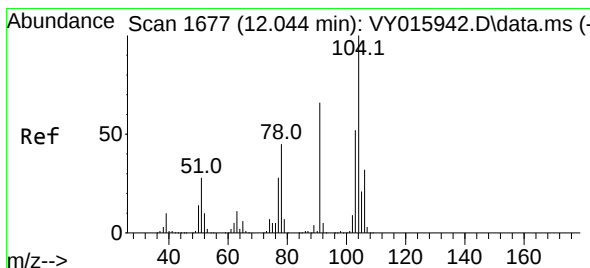
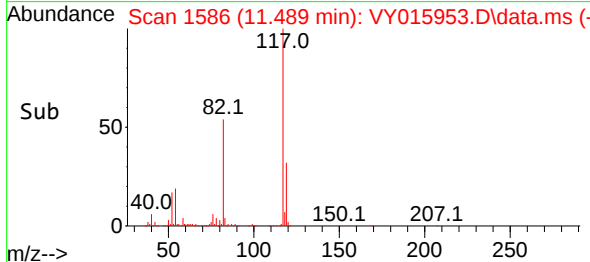
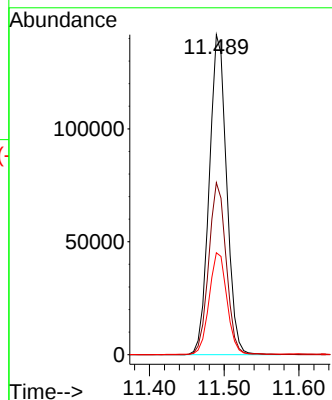
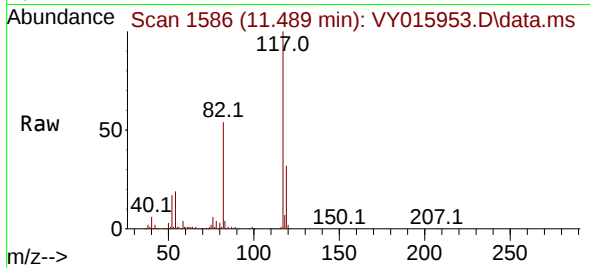




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015953.D
Acq: 13 Oct 2023 13:20

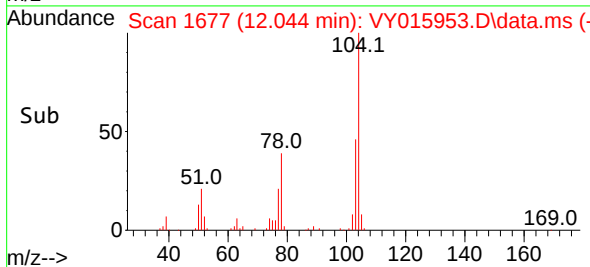
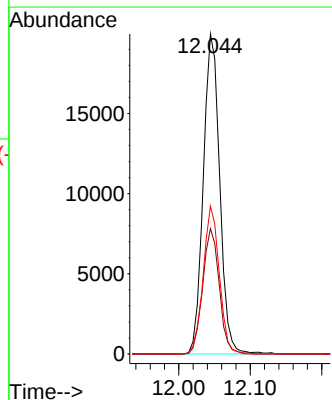
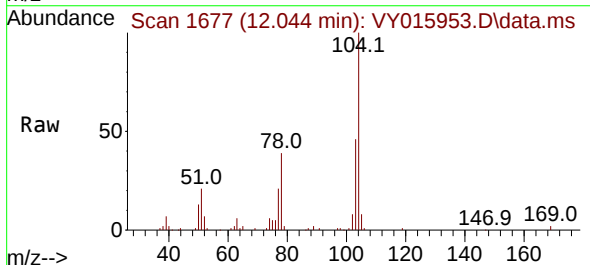
Instrument :
MSVOA_Y
ClientSampleId :
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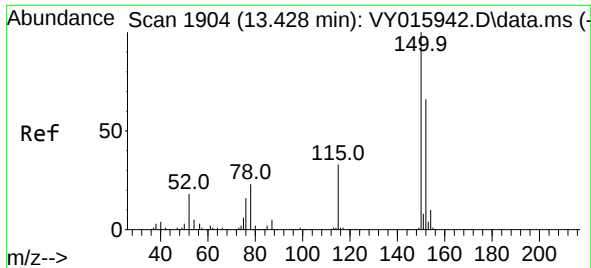
Tgt Ion:117 Resp: 228943
Ion Ratio Lower Upper
117 100
82 53.7 43.4 65.0
119 31.7 26.3 39.5



#70
Styrene
Concen: 6.049 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY015953.D
Acq: 13 Oct 2023 13:20

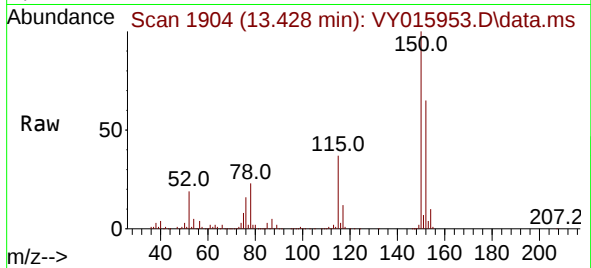
Tgt Ion:104 Resp: 31860
Ion Ratio Lower Upper
104 100
78 39.4 41.5 62.3#
103 45.2 44.6 67.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY015953.D
 Acq: 13 Oct 2023 13:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1



Tgt Ion:152 Resp: 107728
 Ion Ratio Lower Upper
 152 100
 115 58.4 28.8 86.5
 150 155.6 0.0 348.8

