

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122723\
 Data File : VY016879.D
 Acq On : 27 Dec 2023 15:47
 Operator : SY/MD
 Sample : 06011-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-03-122223

Quant Time: Dec 28 03:46:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

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

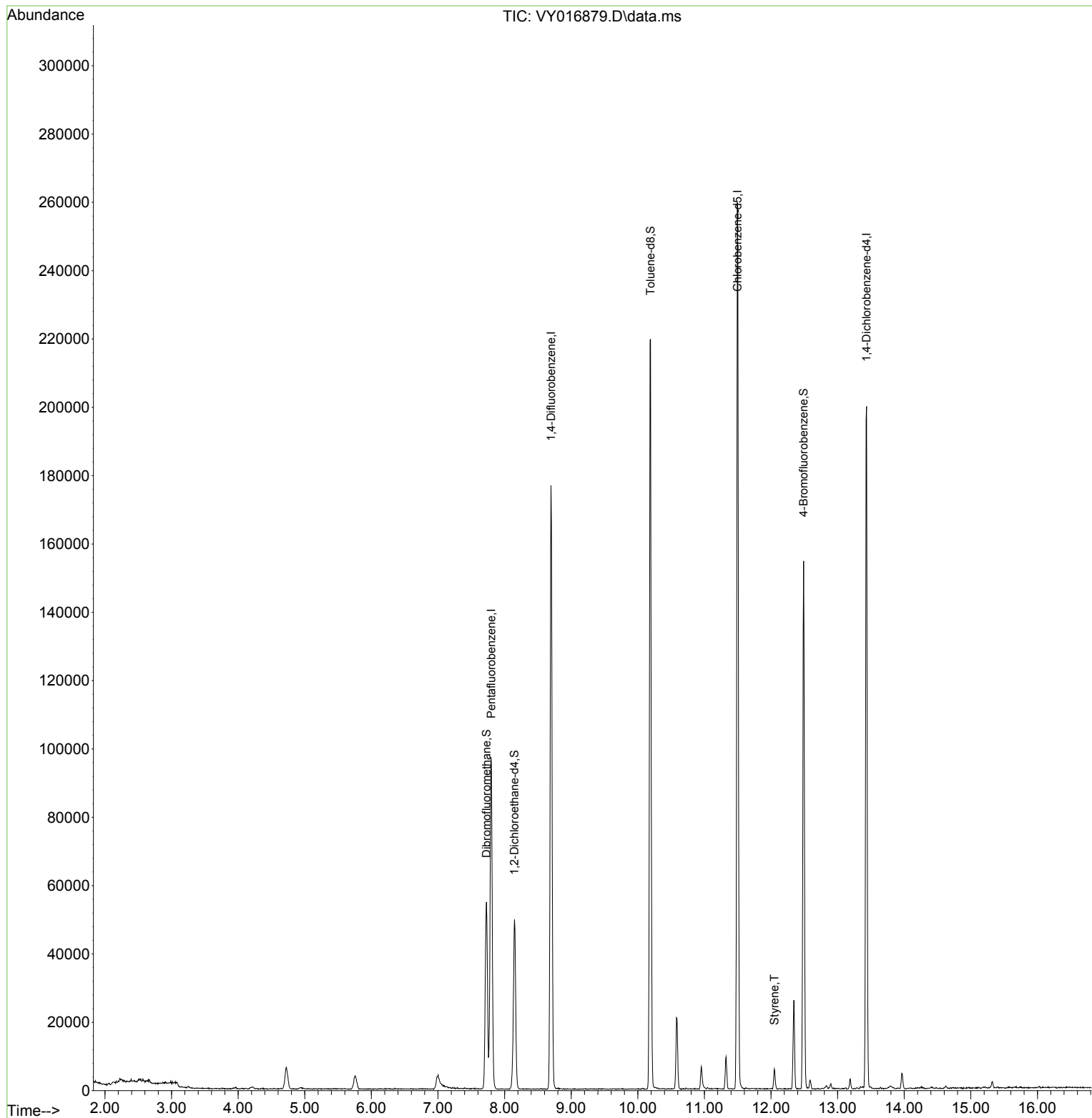
Internal Standards						
1) Pentafluorobenzene	7.801	168	72920	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	148293	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	139317	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	50575	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	37799	56.782	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.560%
35) Dibromofluoromethane	7.728	113	39857	46.920	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.840%
50) Toluene-d8	10.191	98	143017	46.704	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.400%
62) 4-Bromofluorobenzene	12.489	95	43487	43.773	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.540%
Target Compounds					Qvalue	
70) Styrene	12.050	104	2802	1.109	ug/l	91

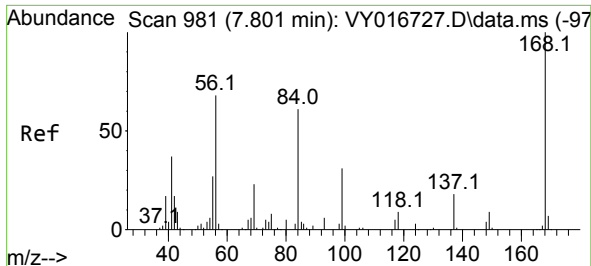
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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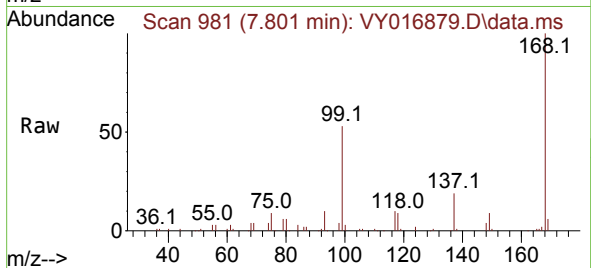
Quant Time: Dec 28 03:46:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
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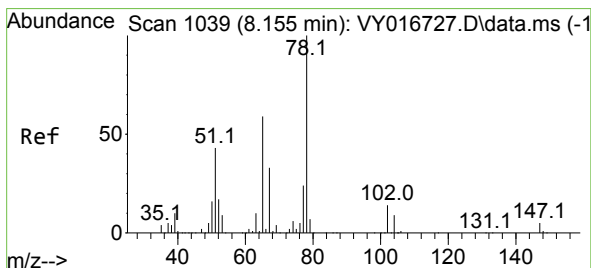
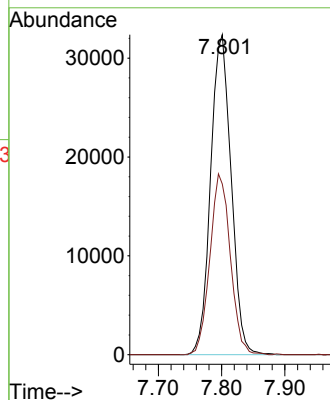
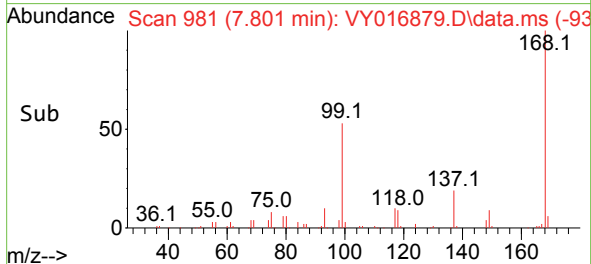


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016879.D
Acq: 27 Dec 2023 15:47

Instrument :
MSVOA_Y
ClientSampleId :
SU-03-122223

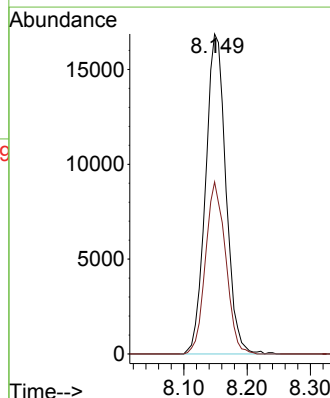
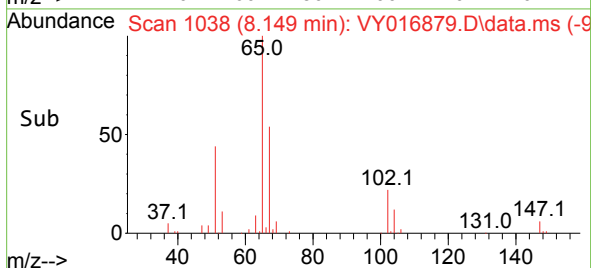
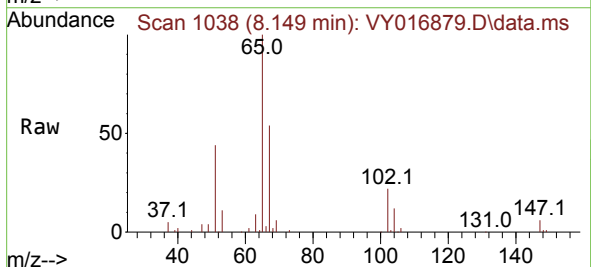


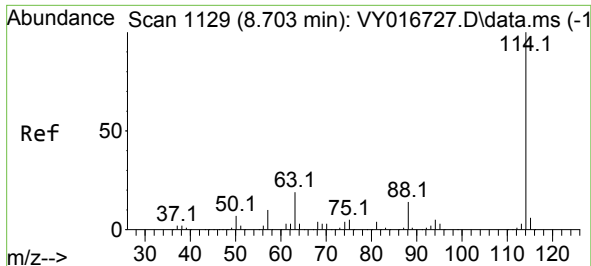
Tgt Ion:168 Resp: 72920
Ion Ratio Lower Upper
168 100
99 53.4 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 56.782 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY016879.D
Acq: 27 Dec 2023 15:47

Tgt Ion: 65 Resp: 37799
Ion Ratio Lower Upper
65 100
67 53.2 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY016879.D

Acq: 27 Dec 2023 15:47

Instrument :

MSVOA_Y

ClientSampleId :

SU-03-122223

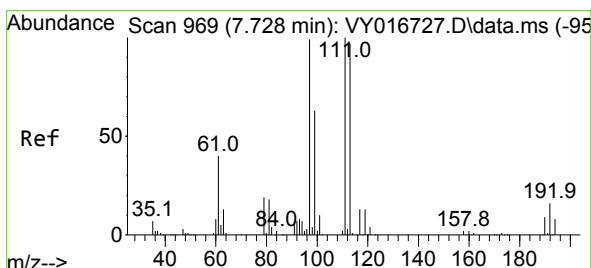
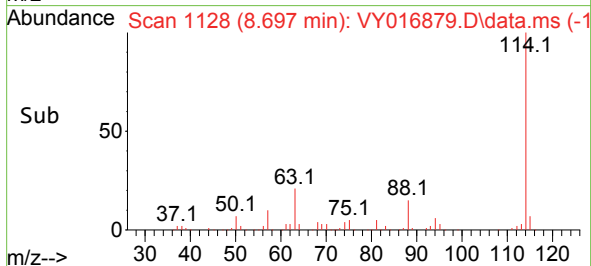
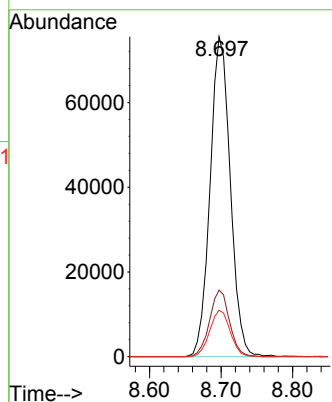
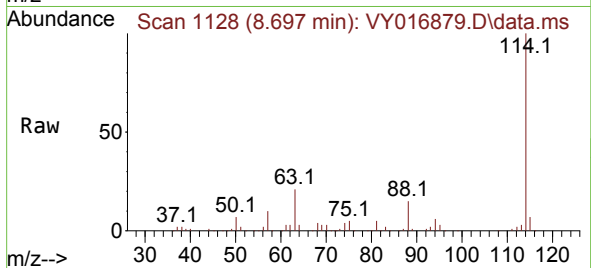
Tgt Ion:114 Resp: 148293

Ion Ratio Lower Upper

114 100

63 20.8 0.0 37.4

88 14.5 0.0 29.0



#35

Dibromofluoromethane

Concen: 46.920 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.000 min

Lab File: VY016879.D

Acq: 27 Dec 2023 15:47

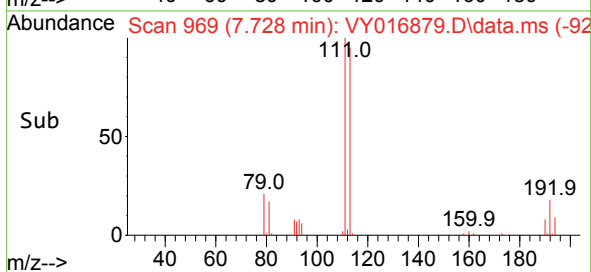
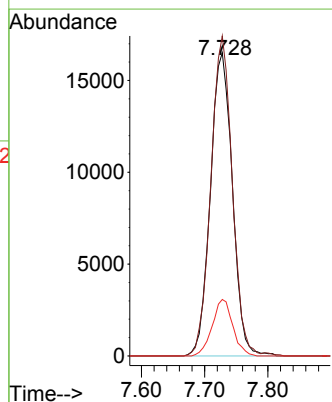
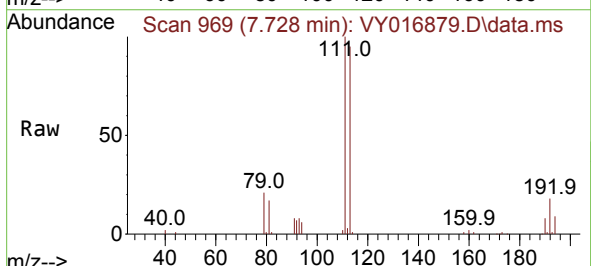
Tgt Ion:113 Resp: 39857

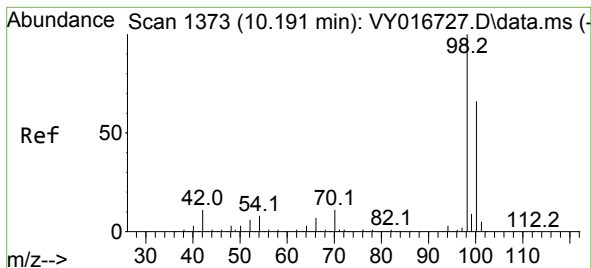
Ion Ratio Lower Upper

113 100

111 102.9 83.8 125.6

192 17.5 14.5 21.7





#50

Toluene-d8

Concen: 46.704 ug/l

RT: 10.191 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016879.D

Acq: 27 Dec 2023 15:47

Instrument :

MSVOA_Y

ClientSampleId :

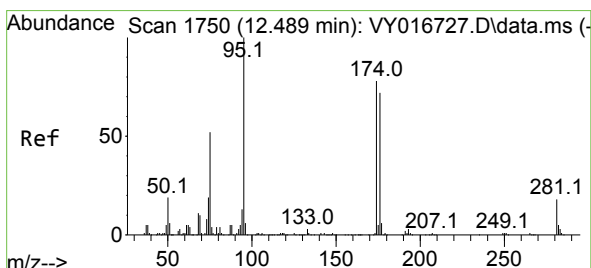
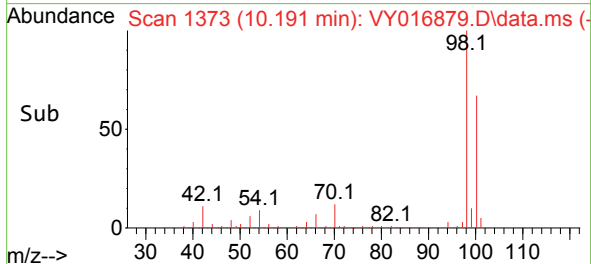
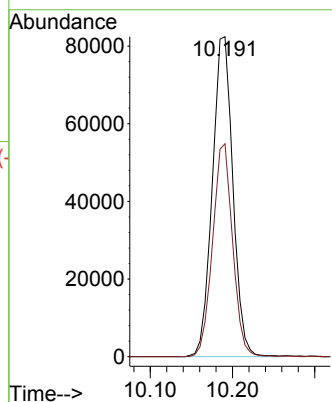
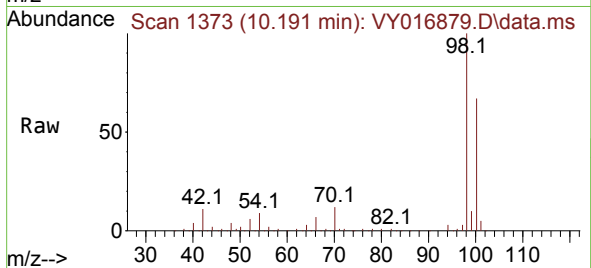
SU-03-122223

Tgt Ion: 98 Resp: 143017

Ion Ratio Lower Upper

98 100

100 64.9 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 43.773 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VY016879.D

Acq: 27 Dec 2023 15:47

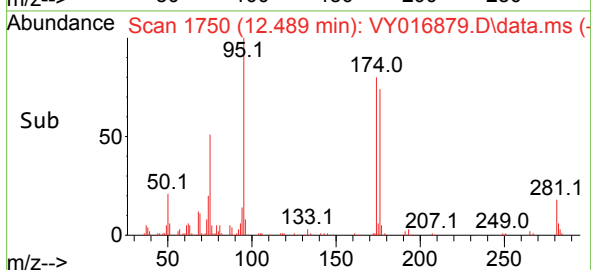
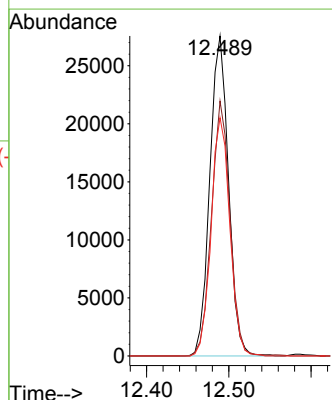
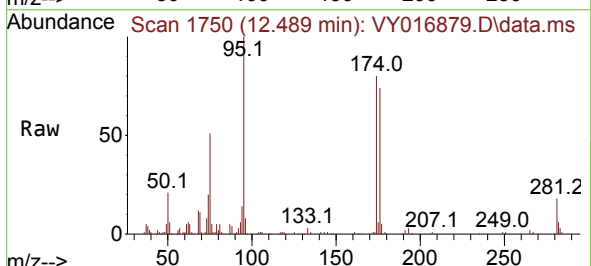
Tgt Ion: 95 Resp: 43487

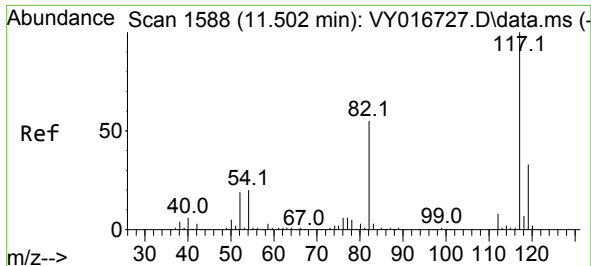
Ion Ratio Lower Upper

95 100

174 79.1 0.0 160.0

176 74.6 0.0 151.8

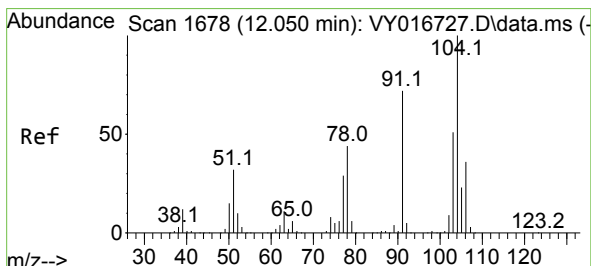
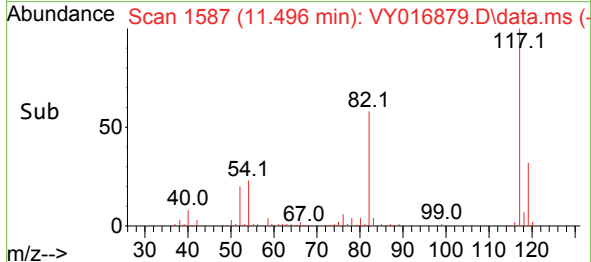
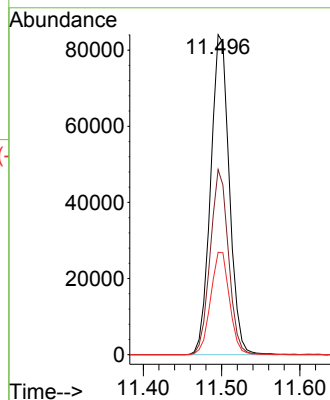
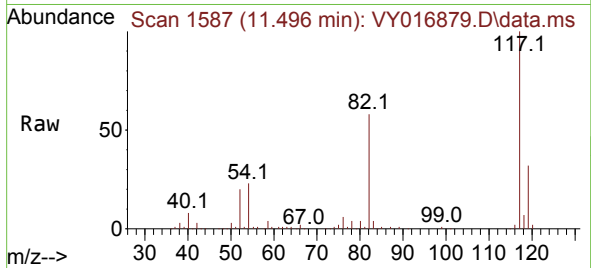




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016879.D
Acq: 27 Dec 2023 15:47

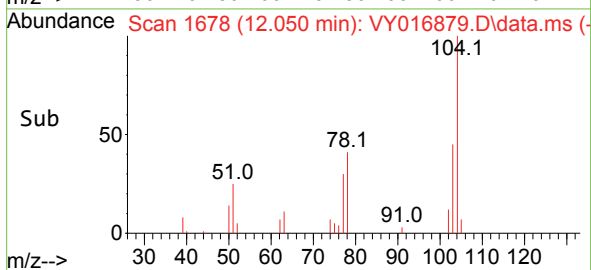
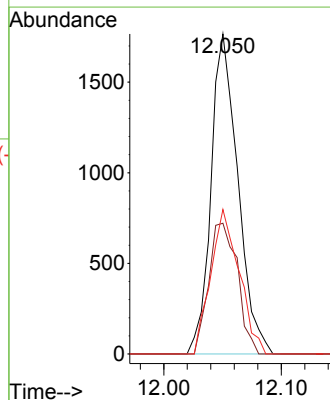
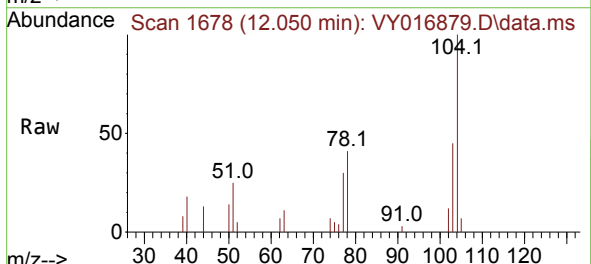
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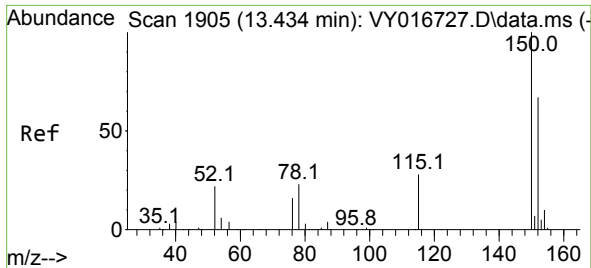
Tgt Ion:117 Resp: 139317
Ion Ratio Lower Upper
117 100
82 57.9 43.8 65.8
119 32.0 26.5 39.7



#70
Styrene
Concen: 1.109 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY016879.D
Acq: 27 Dec 2023 15:47

Tgt Ion:104 Resp: 2802
Ion Ratio Lower Upper
104 100
78 43.8 39.2 58.8
103 47.9 43.8 65.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. 0.000 min
 Lab File: VY016879.D
 Acq: 27 Dec 2023 15:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-03-122223

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.1	30.0	90.0
150	158.2	0.0	344.6

