

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091624\
 Data File : VY019565.D
 Acq On : 16 Sep 2024 14:42
 Operator : SY/MD
 Sample : P3985-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3

Quant Time: Sep 17 02:14:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

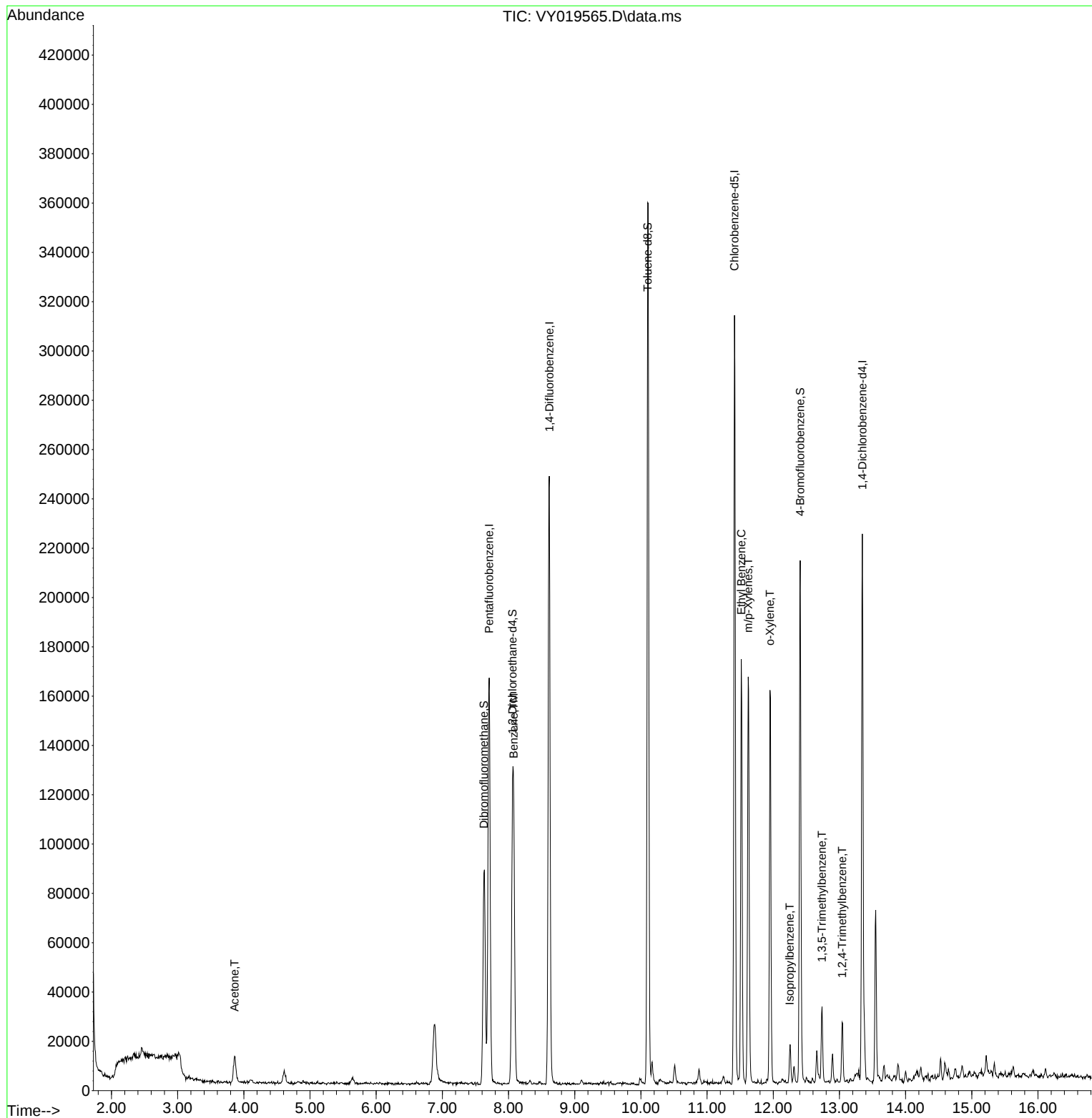
Internal Standards						
1) Pentafluorobenzene	7.707	168	124239	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	210196	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	161441	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	53104	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	62506	54.333	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.660%	
35) Dibromofluoromethane	7.628	113	63884	53.604	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.200%	
50) Toluene-d8	10.103	98	238267	54.052	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.100%	
62) 4-Bromofluorobenzene	12.408	95	66021	38.952	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 77.900%	
Target Compounds						
					Qvalue	
16) Acetone	3.860	43	19113	69.737	ug/l	92
40) Benzene	8.079	78	81988	16.415	ug/l	97
67) Ethyl Benzene	11.517	91	116987	20.733	ug/l	98
68) m/p-Xylenes	11.621	106	49209	23.064	ug/l	98
69) o-Xylene	11.950	106	41272	19.780	ug/l	93
73) Isopropylbenzene	12.249	105	8740	2.269	ug/l	97
80) 1,3,5-Trimethylbenzene	12.737	105	13556	4.328	ug/l	94
84) 1,2,4-Trimethylbenzene	13.042	105	13383	4.317	ug/l	94

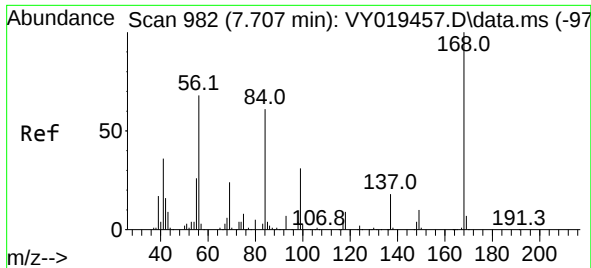
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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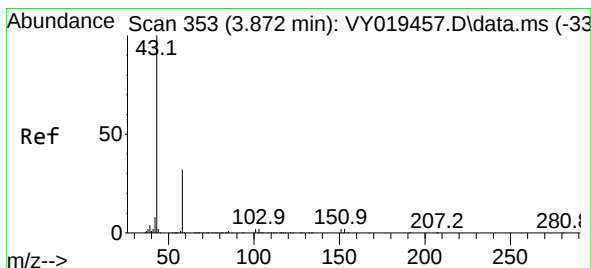
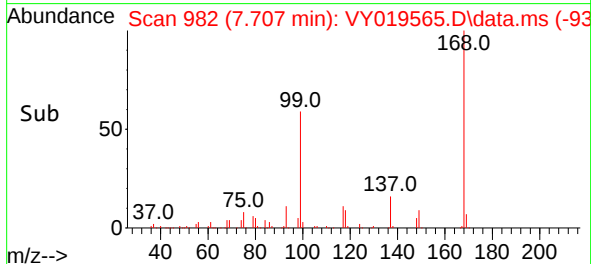
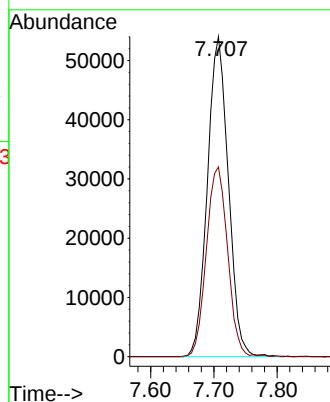
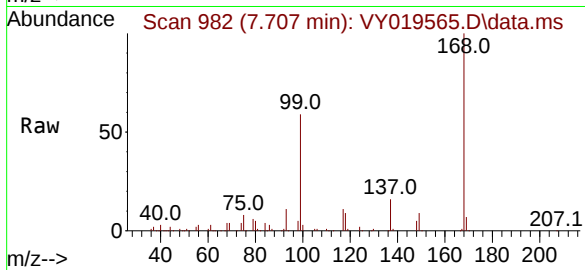




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019565.D
Acq: 16 Sep 2024 14:42

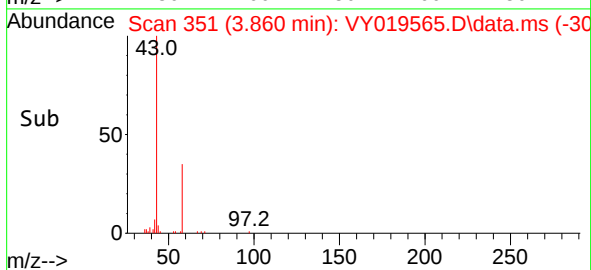
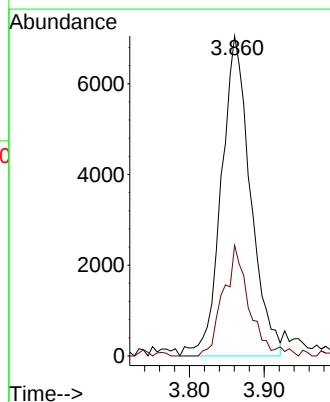
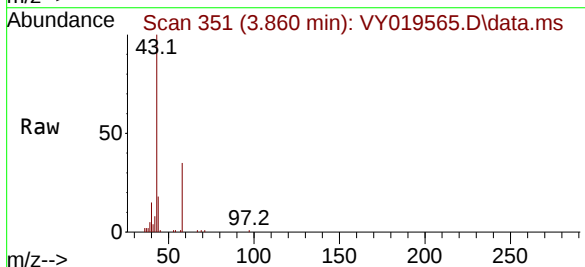
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MSVOA_Y
ClientSampleId :
TP-3

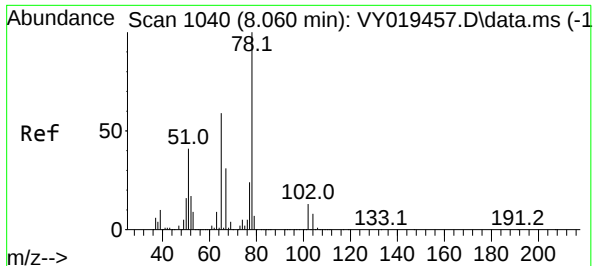
Tgt Ion:168 Resp: 124239
Ion Ratio Lower Upper
168 100
99 59.3 39.1 58.7#



#16
Acetone
Concen: 69.737 ug/l
RT: 3.860 min Scan# 351
Delta R.T. -0.012 min
Lab File: VY019565.D
Acq: 16 Sep 2024 14:42

Tgt Ion: 43 Resp: 19113
Ion Ratio Lower Upper
43 100
58 34.6 31.7 47.5





#33

1,2-Dichloroethane-d4

Concen: 54.333 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019565.D

Acq: 16 Sep 2024 14:42

Instrument :

MSVOA_Y

ClientSampleId :

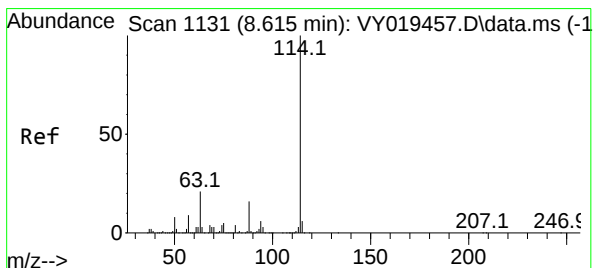
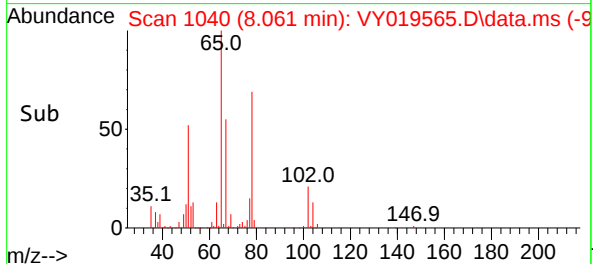
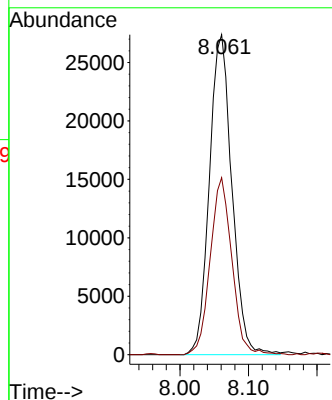
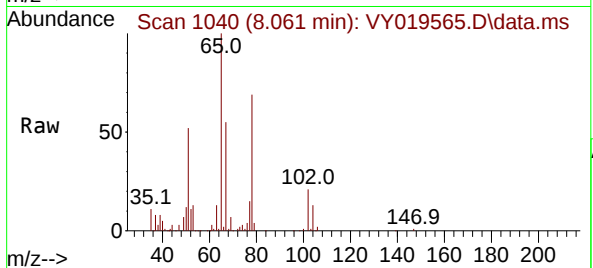
TP-3

Tgt Ion: 65 Resp: 62506

Ion Ratio Lower Upper

65 100

67 53.2 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019565.D

Acq: 16 Sep 2024 14:42

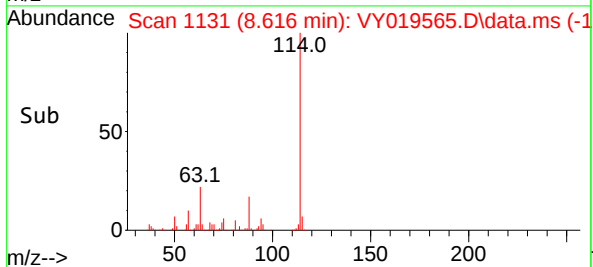
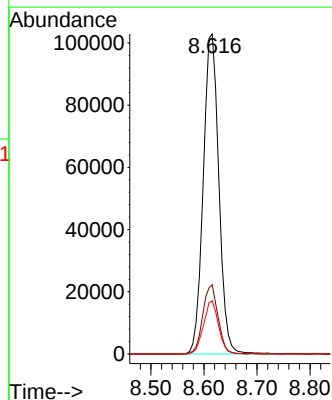
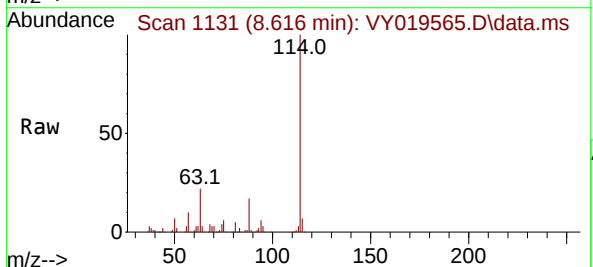
Tgt Ion: 114 Resp: 210196

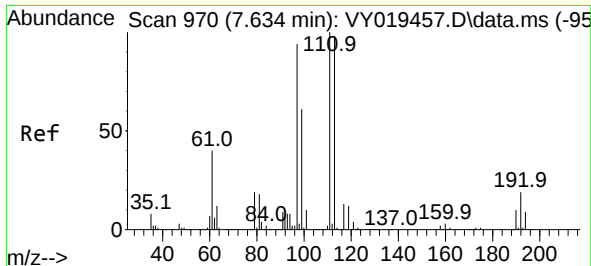
Ion Ratio Lower Upper

114 100

63 21.6 0.0 35.0

88 16.6 0.0 27.2

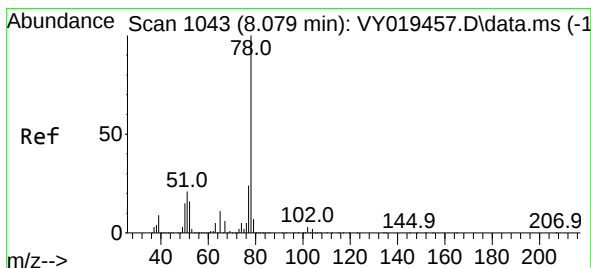
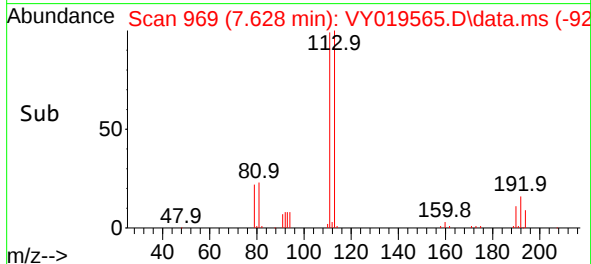
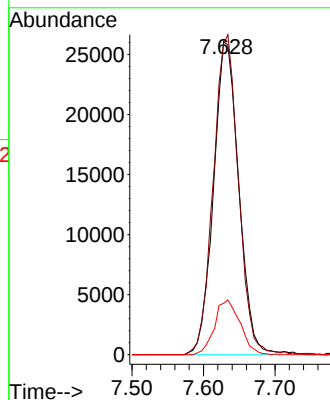
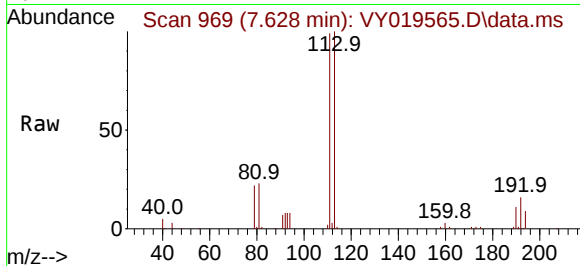




#35
Dibromofluoromethane
Concen: 53.604 ug/l
RT: 7.628 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019565.D
Acq: 16 Sep 2024 14:42

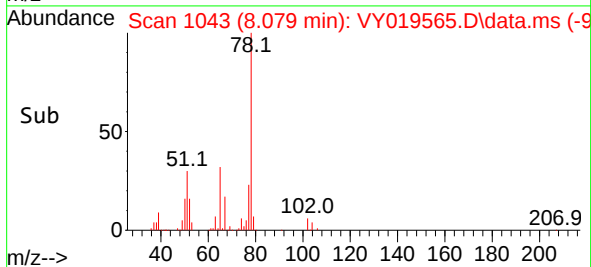
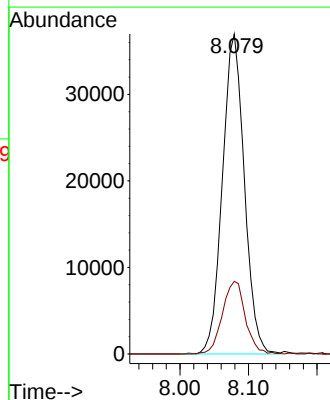
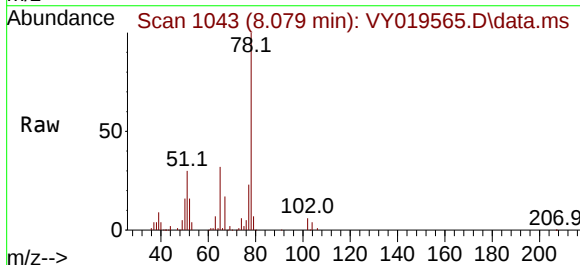
Instrument :
MSVOA_Y
ClientSampleId :
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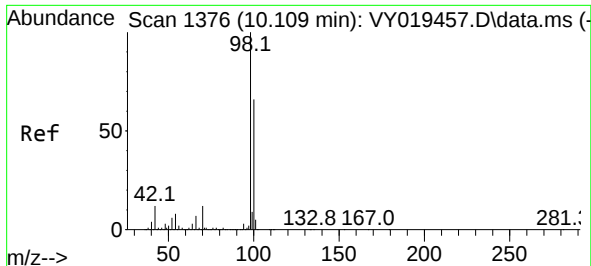
Tgt Ion:113 Resp: 63884
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.4
192 17.7 15.9 23.9



#40
Benzene
Concen: 16.415 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY019565.D
Acq: 16 Sep 2024 14:42

Tgt Ion: 78 Resp: 81988
Ion Ratio Lower Upper
78 100
77 22.7 19.5 29.3

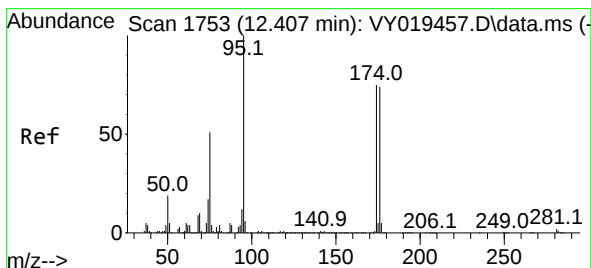
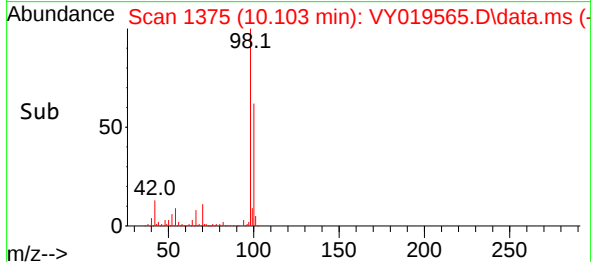
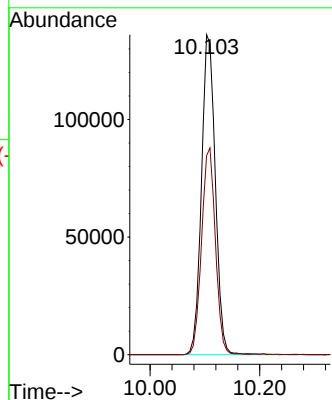
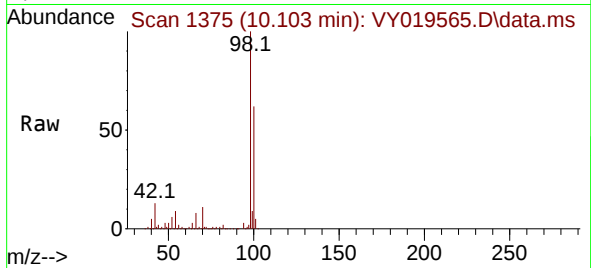




#50
Toluene-d8
Concen: 54.052 ug/l
RT: 10.103 min Scan# 1376
Delta R.T. -0.006 min
Lab File: VY019565.D
Acq: 16 Sep 2024 14:42

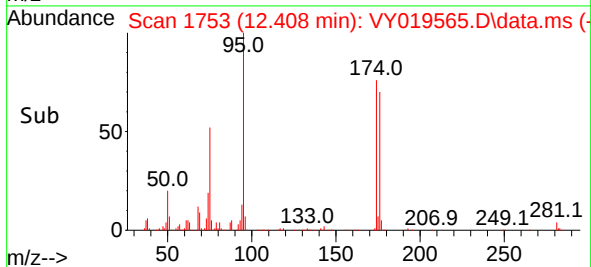
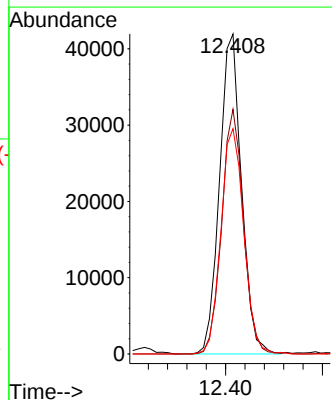
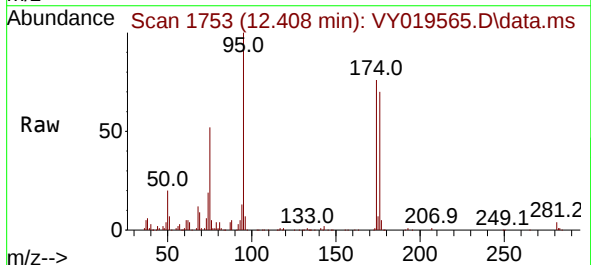
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

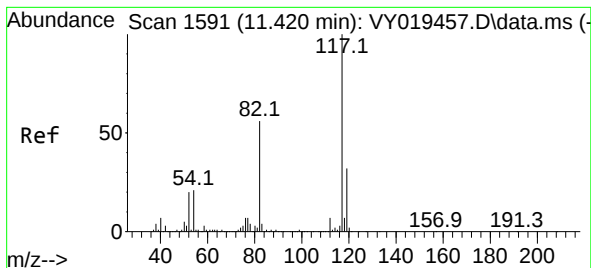
Tgt Ion: 98 Resp: 238267
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 38.952 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019565.D
Acq: 16 Sep 2024 14:42

Tgt Ion: 95 Resp: 66021
Ion Ratio Lower Upper
95 100
174 75.2 0.0 175.6
176 73.4 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019565.D

Acq: 16 Sep 2024 14:42

Instrument :

MSVOA_Y

ClientSampleId :

TP-3

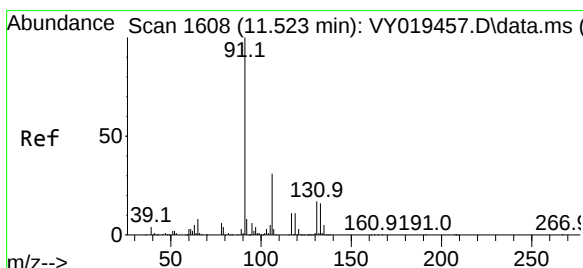
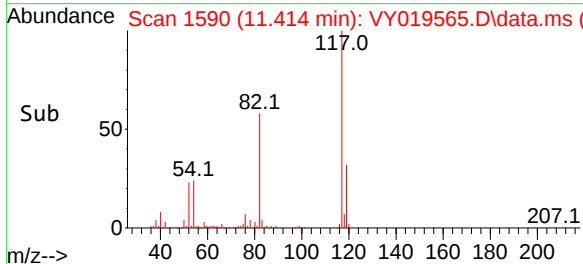
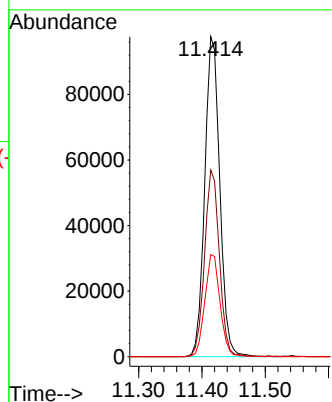
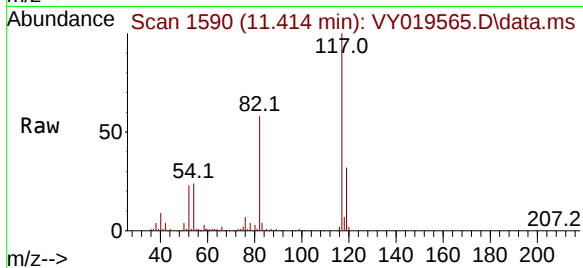
Tgt Ion:117 Resp: 161441

Ion Ratio Lower Upper

117 100

82 58.2 42.4 63.6

119 31.9 25.9 38.9



#67

Ethyl Benzene

Concen: 20.733 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY019565.D

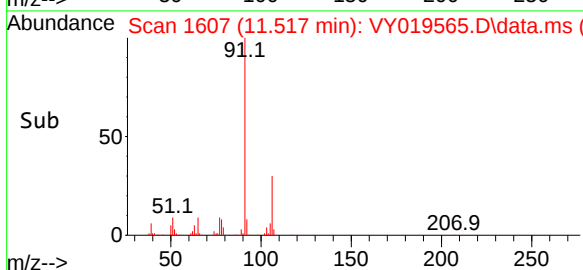
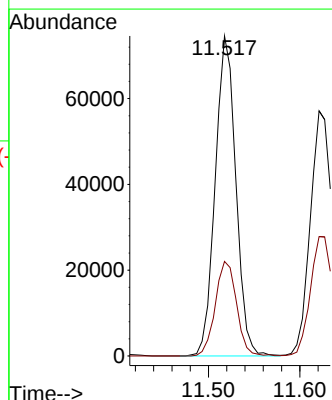
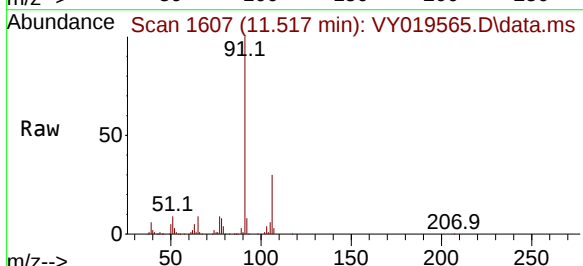
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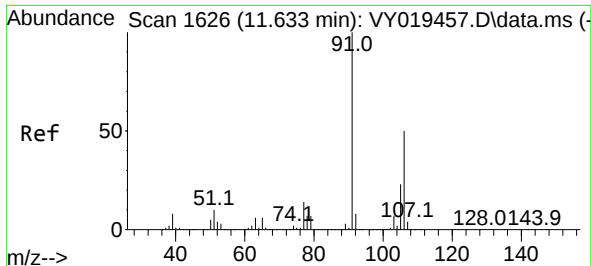
Tgt Ion: 91 Resp: 116987

Ion Ratio Lower Upper

91 100

106 29.5 24.5 36.7

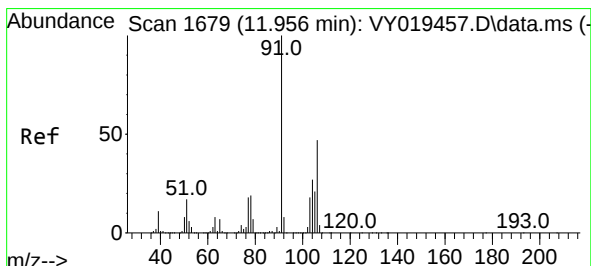
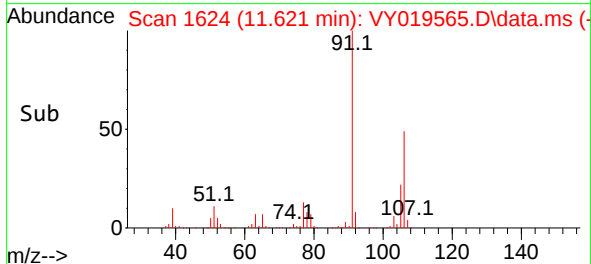
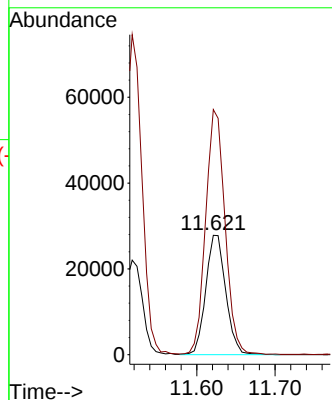
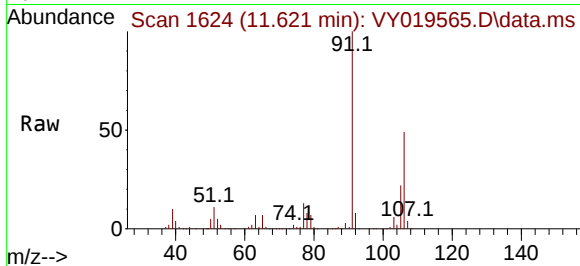




#68
m/p-Xylenes
Concen: 23.064 ug/l
RT: 11.621 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY019565.D
Acq: 16 Sep 2024 14:42

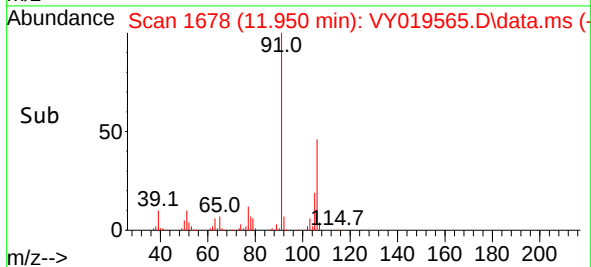
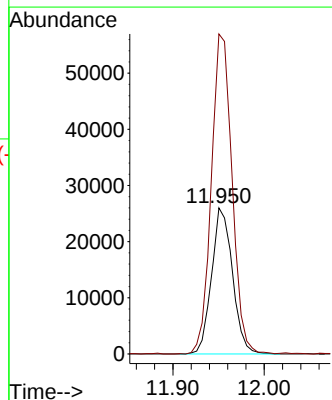
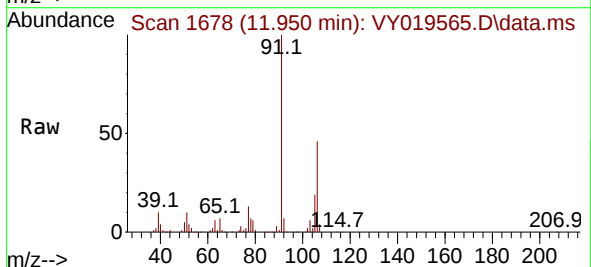
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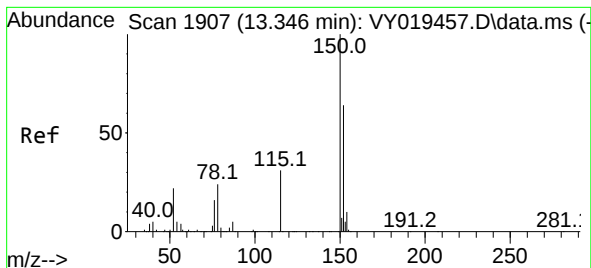
Tgt Ion:106 Resp: 49209
Ion Ratio Lower Upper
106 100
91 198.7 156.0 234.0



#69
o-Xylene
Concen: 19.780 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY019565.D
Acq: 16 Sep 2024 14:42

Tgt Ion:106 Resp: 41272
Ion Ratio Lower Upper
106 100
91 217.4 103.6 310.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019565.D

Acq: 16 Sep 2024 14:42

Instrument :

MSVOA_Y

ClientSampleId :

TP-3

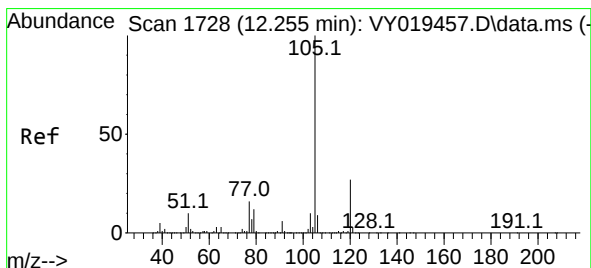
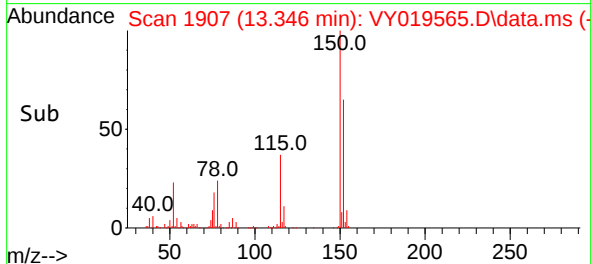
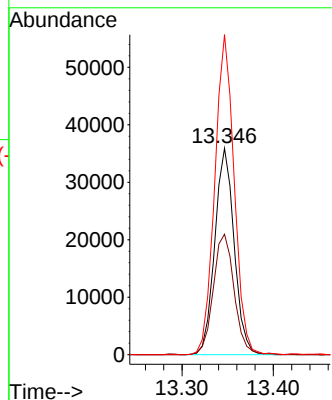
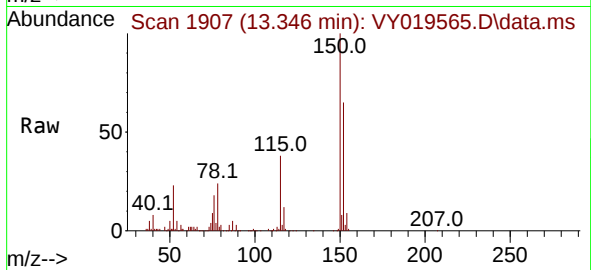
Tgt Ion:152 Resp: 53104

Ion Ratio Lower Upper

152 100

115 63.0 28.2 84.7

150 155.4 0.0 345.6



#73

Isopropylbenzene

Concen: 2.269 ug/l

RT: 12.249 min Scan# 1727

Delta R.T. -0.006 min

Lab File: VY019565.D

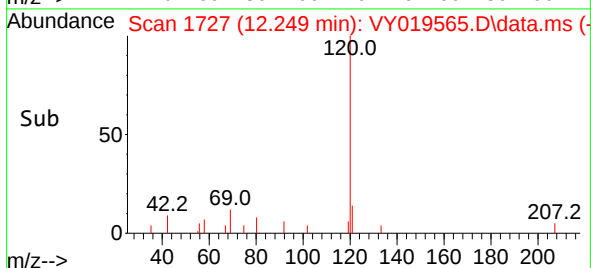
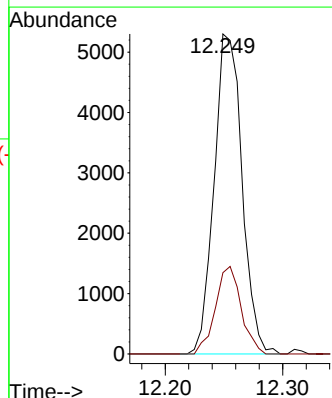
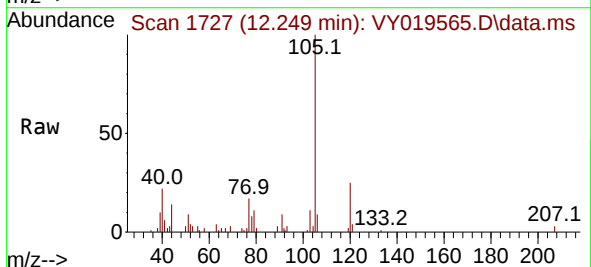
Acq: 16 Sep 2024 14:42

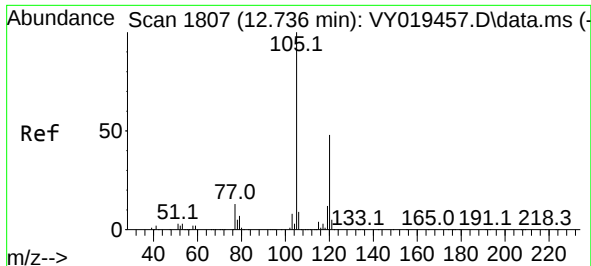
Tgt Ion:105 Resp: 8740

Ion Ratio Lower Upper

105 100

120 25.3 13.4 40.1

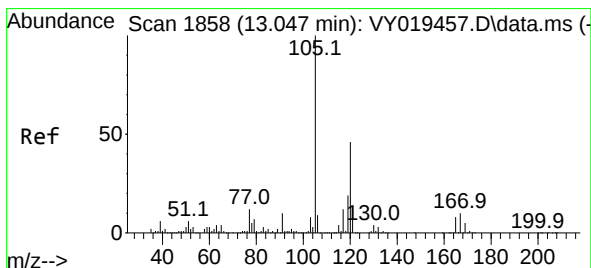
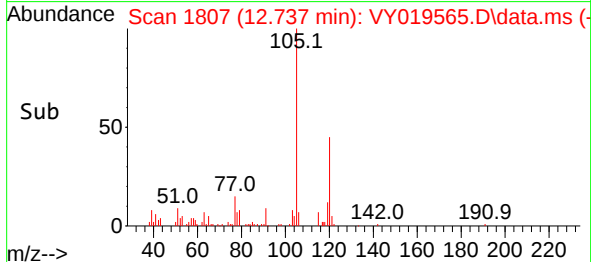
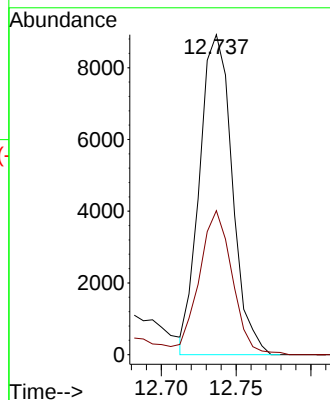
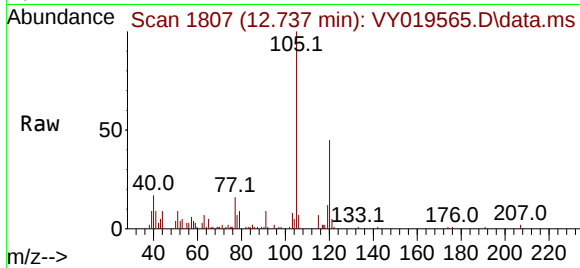




#80
1,3,5-Trimethylbenzene
Concen: 4.328 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY019565.D
Acq: 16 Sep 2024 14:42

Instrument :
MSVOA_Y
ClientSampleId :
TP-3

Tgt Ion:105 Resp: 13556
Ion Ratio Lower Upper
105 100
120 45.8 25.1 75.2



#84
1,2,4-Trimethylbenzene
Concen: 4.317 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.006 min
Lab File: VY019565.D
Acq: 16 Sep 2024 14:42

Tgt Ion:105 Resp: 13383
Ion Ratio Lower Upper
105 100
120 42.5 23.2 69.6

