

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091624\
 Data File : VY019562.D
 Acq On : 16 Sep 2024 13:32
 Operator : SY/MD
 Sample : P3936-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DRUM-COMP

Quant Time: Sep 17 07:35:45 2024
 Quant Title :
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

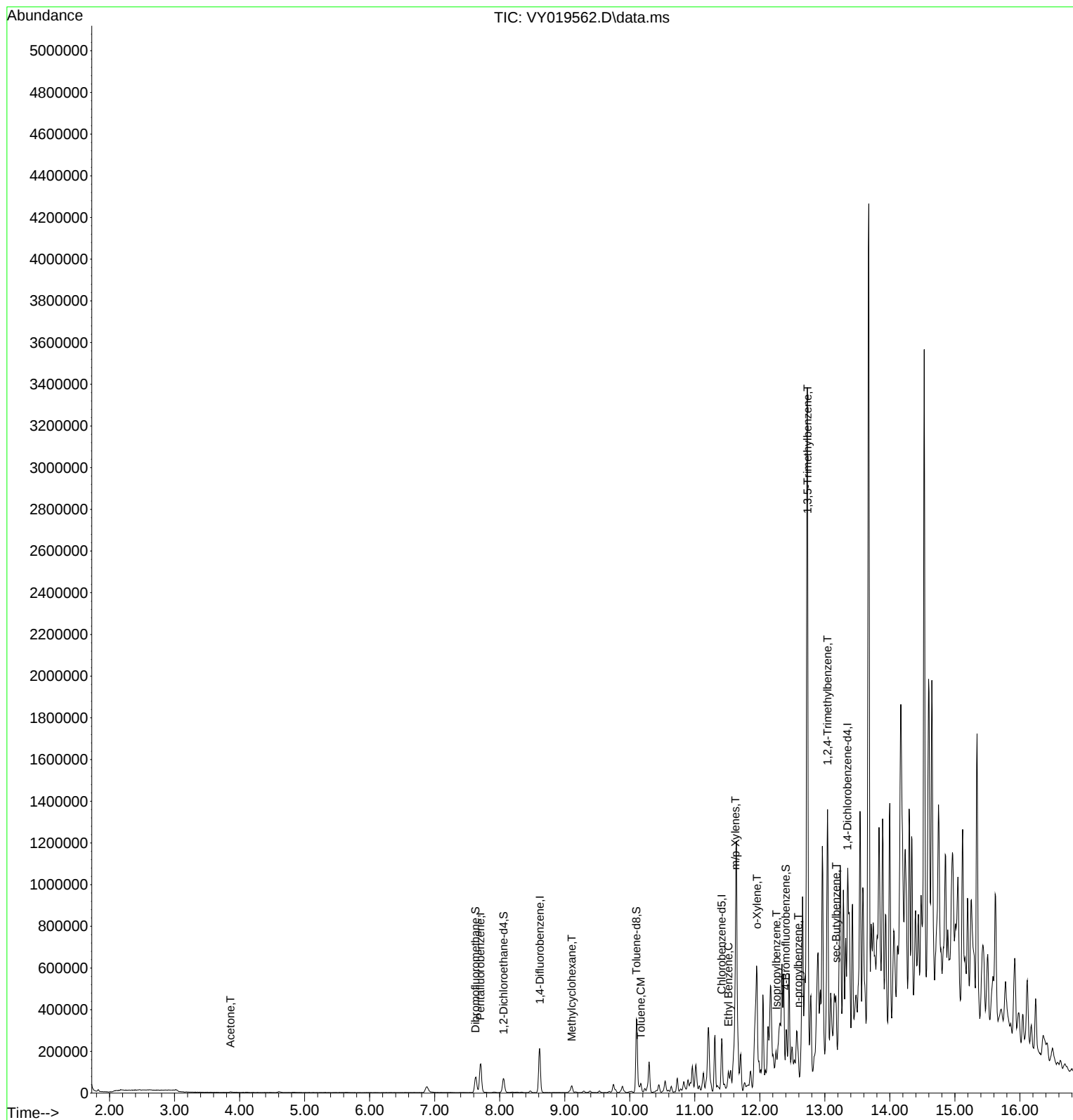
Internal Standards						
1) Pentafluorobenzene	7.701	168	101737	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	179118	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	131068	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	44373	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	52902	56.156	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.320%	
35) Dibromofluoromethane	7.628	113	54136	53.306	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.620%	
50) Toluene-d8	10.103	98	200106	53.272	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.540%	
62) 4-Bromofluorobenzene	12.402	95	58345	40.396	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 80.800%	
Target Compounds						
					Qvalue	
16) Acetone	3.860	43	4359	19.422	ug/l	# 87
39) Methylcyclohexane	9.110	83	12881	7.004	ug/l	90
52) Toluene	10.170	92	16204	5.919	ug/l	96
67) Ethyl Benzene	11.518	91	44394	9.691	ug/l	96
68) m/p-Xylenes	11.627	106	118057	68.155	ug/l	93
69) o-Xylene	11.957	106	113380	66.929	ug/l	91
73) Isopropylbenzene	12.255	105	19495	6.056	ug/l	100
78) n-propylbenzene	12.591	91	49304	12.922	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	232991	89.029	ug/l	97
84) 1,2,4-Trimethylbenzene	13.042	105	567299	218.993	ug/l	97
85) sec-Butylbenzene	13.176	105	53782	15.626	ug/l	90

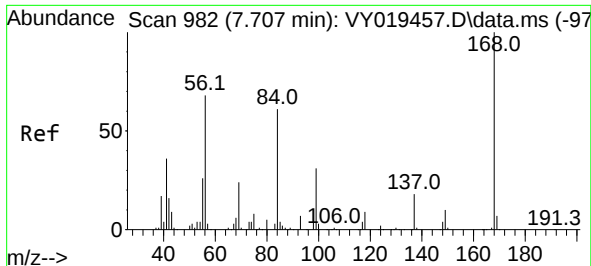
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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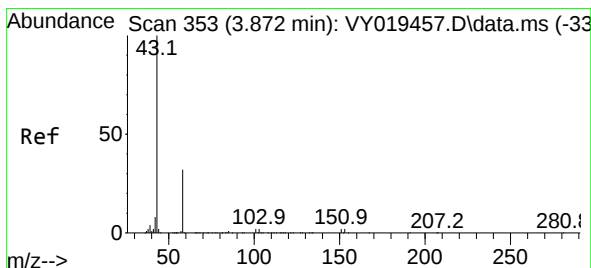
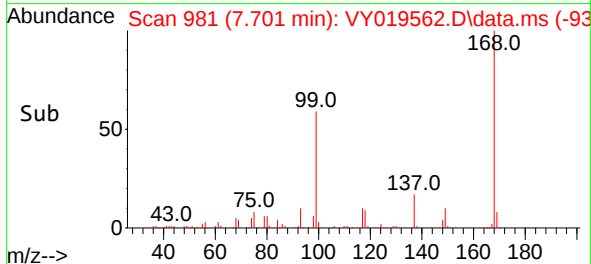
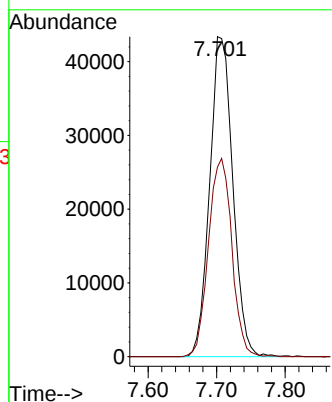
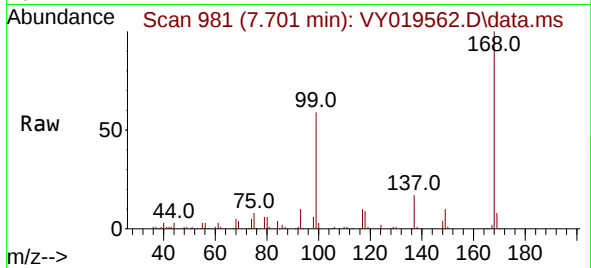




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019562.D
Acq: 16 Sep 2024 13:32

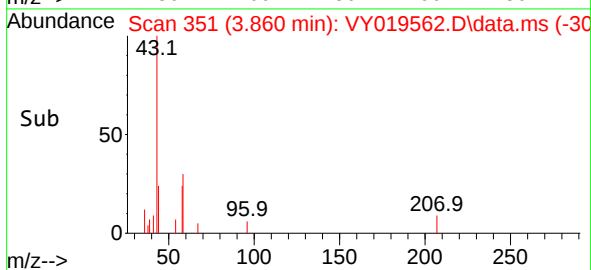
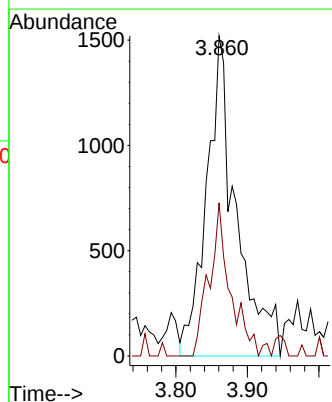
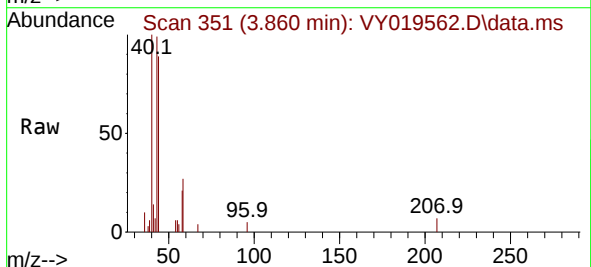
Instrument :
MSVOA_Y
ClientSampleId :
DRUM-COMP

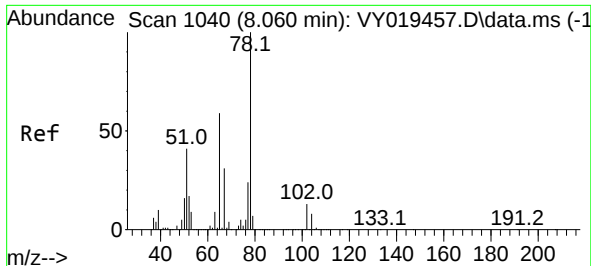
Tgt Ion:168 Resp: 101737
Ion Ratio Lower Upper
168 100
99 59.2 39.1 58.7#



#16
Acetone
Concen: 19.422 ug/l
RT: 3.860 min Scan# 351
Delta R.T. -0.012 min
Lab File: VY019562.D
Acq: 16 Sep 2024 13:32

Tgt Ion: 43 Resp: 4359
Ion Ratio Lower Upper
43 100
58 47.8 31.7 47.5#





#33

1,2-Dichloroethane-d4

Concen: 56.156 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY019562.D

Acq: 16 Sep 2024 13:32

Instrument :

MSVOA_Y

ClientSampleId :

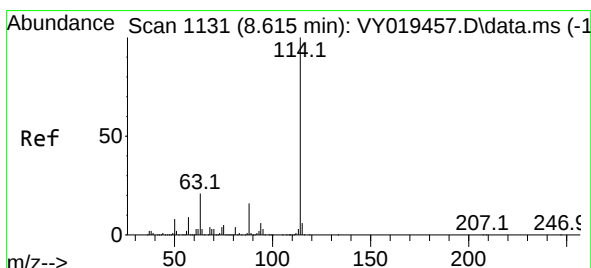
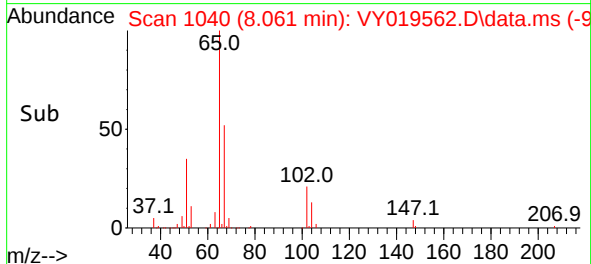
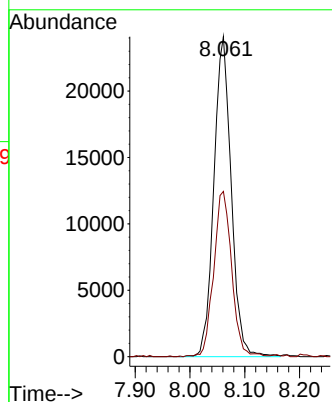
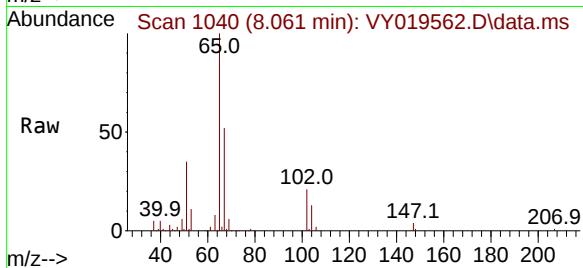
DRUM-COMP

Tgt Ion: 65 Resp: 52902

Ion Ratio Lower Upper

65 100

67 53.5 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: VY019562.D

Acq: 16 Sep 2024 13:32

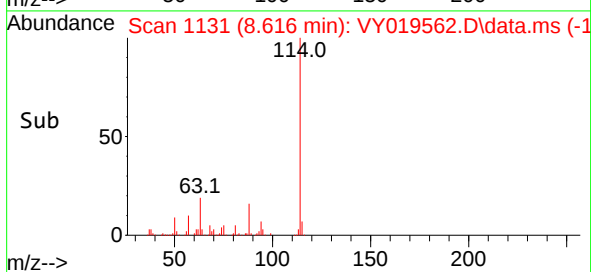
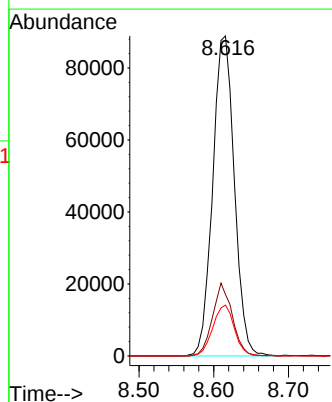
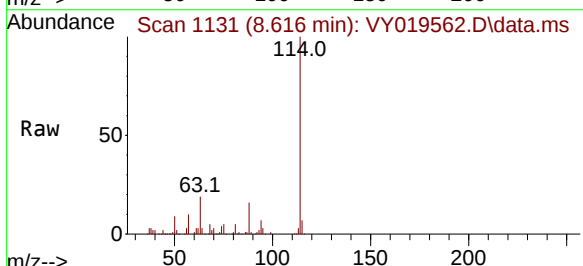
Tgt Ion: 114 Resp: 179118

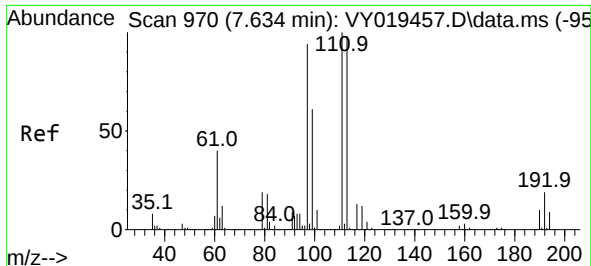
Ion Ratio Lower Upper

114 100

63 19.2 0.0 35.0

88 15.9 0.0 27.2

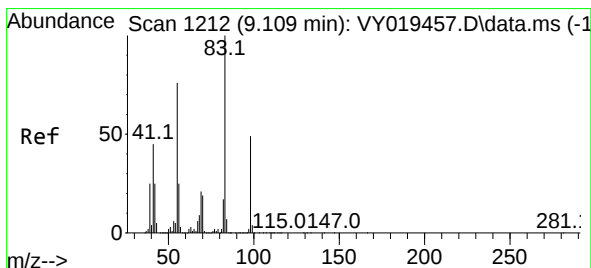
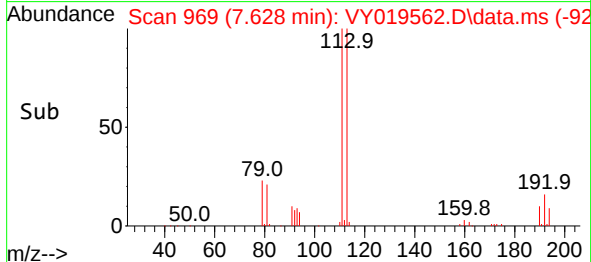
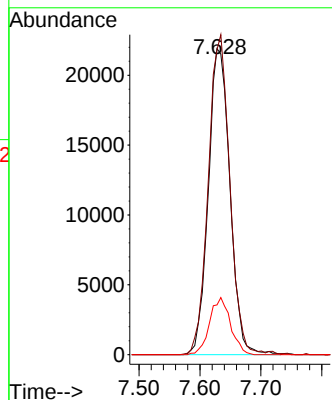
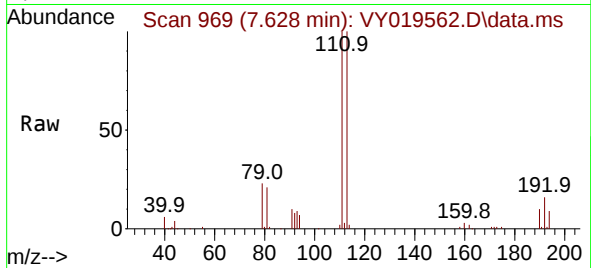




#35
Dibromofluoromethane
Concen: 53.306 ug/l
RT: 7.628 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019562.D
Acq: 16 Sep 2024 13:32

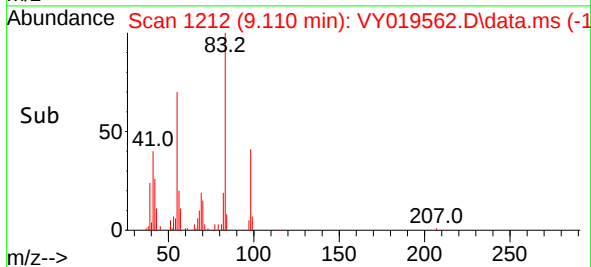
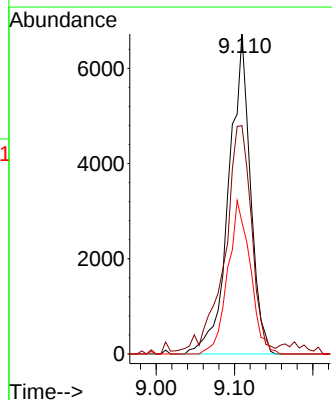
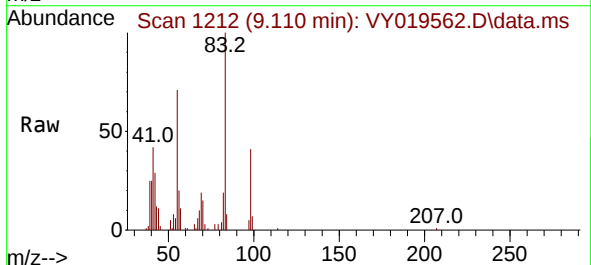
Instrument :
MSVOA_Y
ClientSampleId :
DRUM-COMP

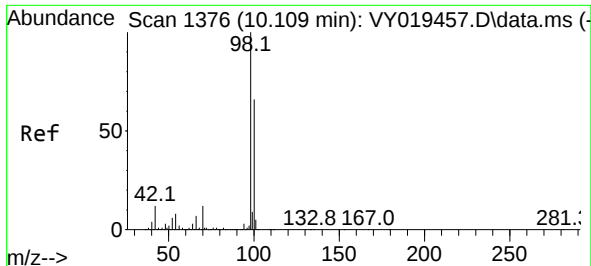
Tgt Ion:113 Resp: 54136
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.4
192 18.0 15.9 23.9



#39
Methylcyclohexane
Concen: 7.004 ug/l
RT: 9.110 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VY019562.D
Acq: 16 Sep 2024 13:32

Tgt Ion: 83 Resp: 12881
Ion Ratio Lower Upper
83 100
55 70.1 51.5 77.3
98 41.2 40.5 60.7

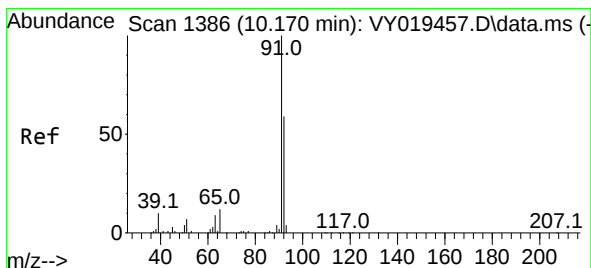
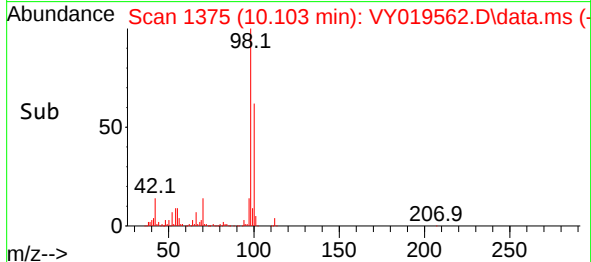
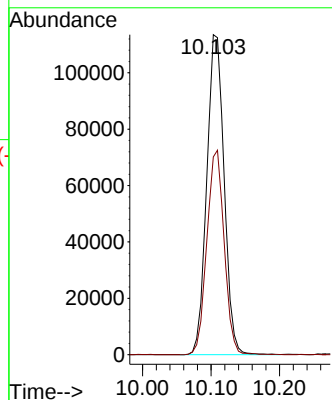
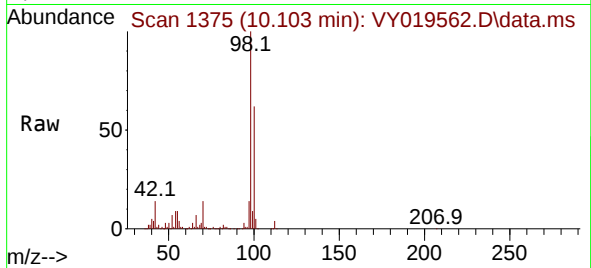




#50
Toluene-d8
Concen: 53.272 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019562.D
Acq: 16 Sep 2024 13:32

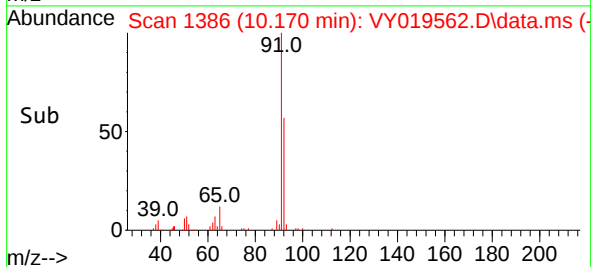
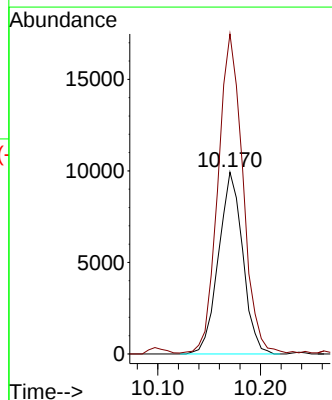
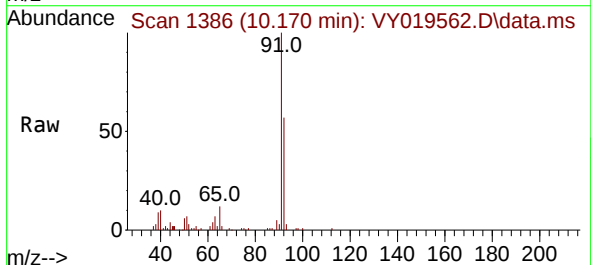
Instrument :
MSVOA_Y
ClientSampleId :
DRUM-COMP

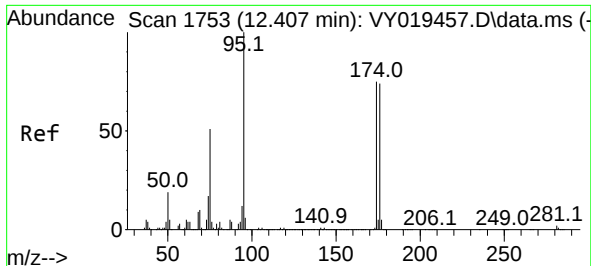
Tgt Ion: 98 Resp: 200106
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0



#52
Toluene
Concen: 5.919 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY019562.D
Acq: 16 Sep 2024 13:32

Tgt Ion: 92 Resp: 16204
Ion Ratio Lower Upper
92 100
91 179.5 139.0 208.6

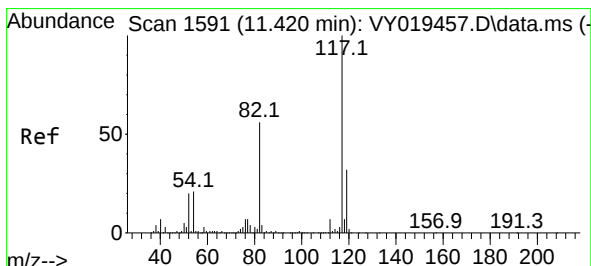
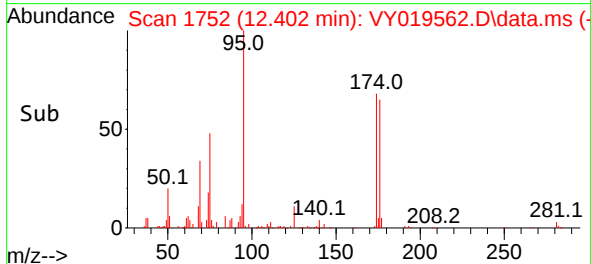
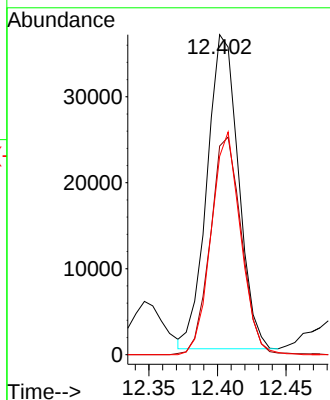
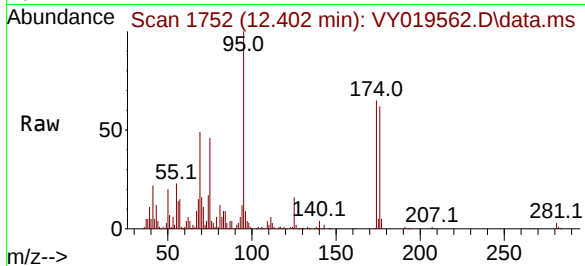




#62
4-Bromofluorobenzene
Concen: 40.396 ug/l
RT: 12.402 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019562.D
Acq: 16 Sep 2024 13:32

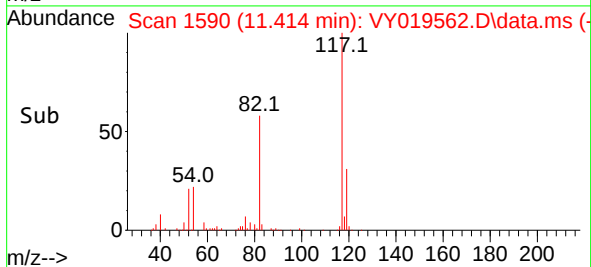
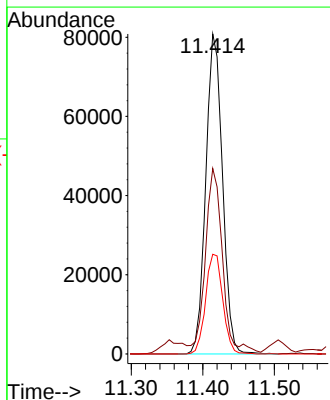
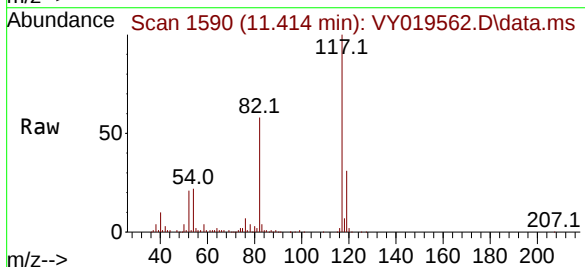
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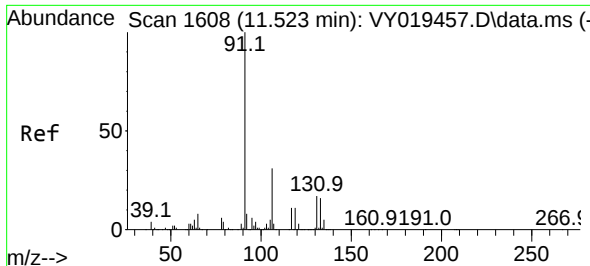
Tgt Ion: 95 Resp: 58345
Ion Ratio Lower Upper
95 100
174 68.7 0.0 175.6
176 66.6 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019562.D
Acq: 16 Sep 2024 13:32

Tgt Ion: 117 Resp: 131068
Ion Ratio Lower Upper
117 100
82 54.7 42.4 63.6
119 31.2 25.9 38.9





#67

Ethyl Benzene

Concen: 9.691 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY019562.D

Acq: 16 Sep 2024 13:32

Instrument :

MSVOA_Y

ClientSampleId :

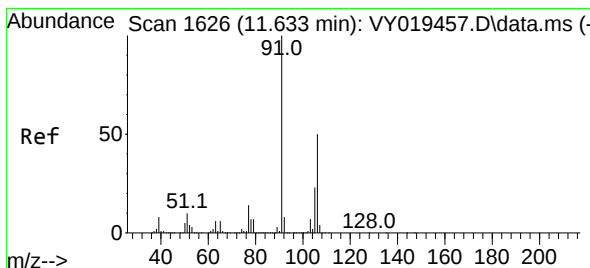
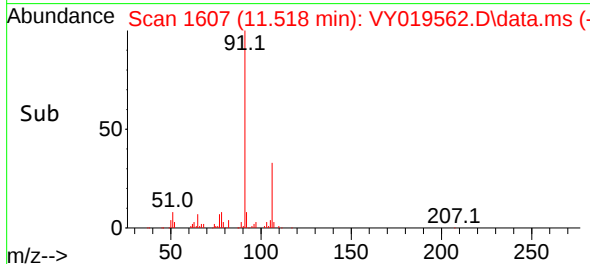
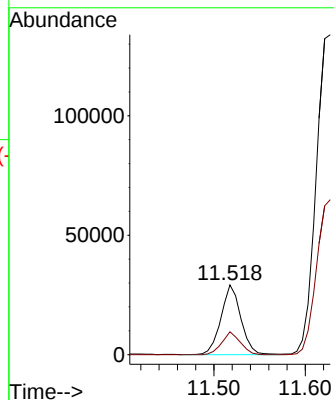
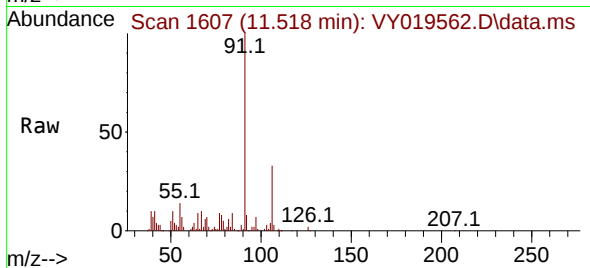
DRUM-COMP

Tgt Ion: 91 Resp: 44394

Ion Ratio Lower Upper

91 100

106 32.8 24.5 36.7



#68

m/p-Xylenes

Concen: 68.155 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY019562.D

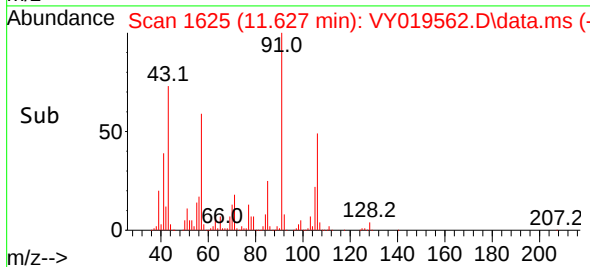
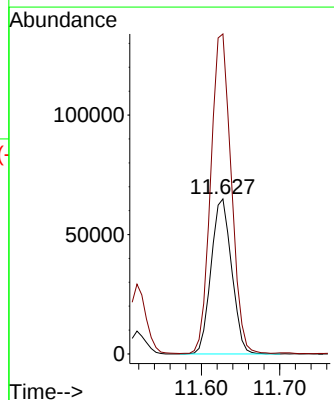
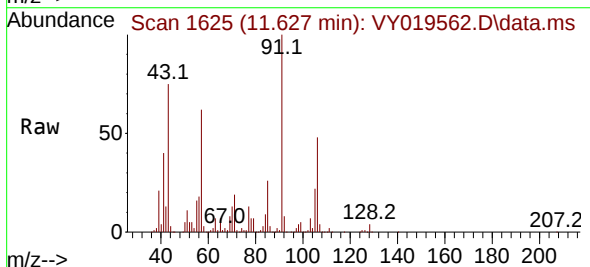
Acq: 16 Sep 2024 13:32

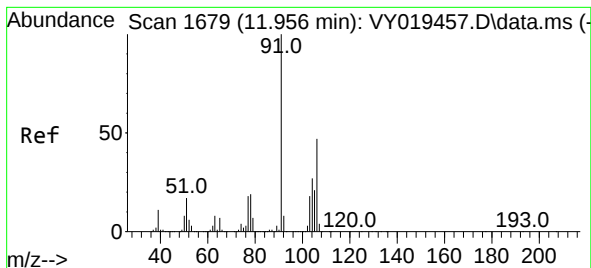
Tgt Ion:106 Resp: 118057

Ion Ratio Lower Upper

106 100

91 205.7 156.0 234.0





#69

o-Xylene

Concen: 66.929 ug/l

RT: 11.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019562.D

Acq: 16 Sep 2024 13:32

Instrument :

MSVOA_Y

ClientSampleId :

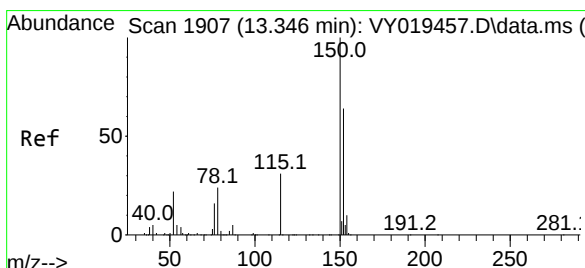
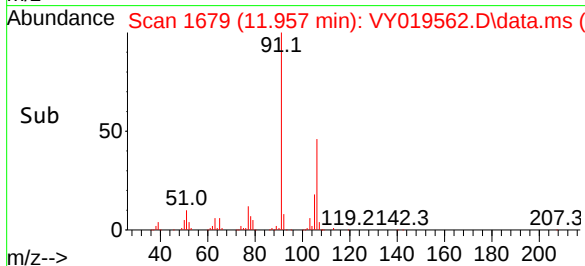
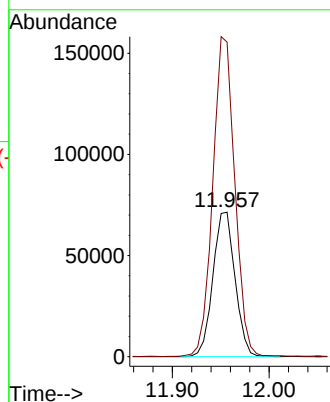
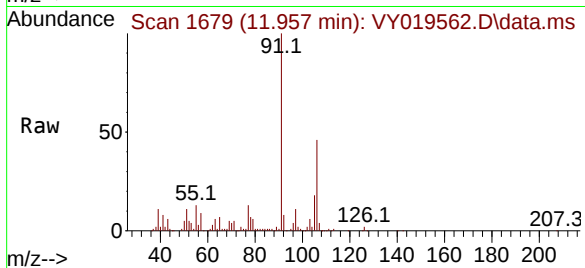
DRUM-COMP

Tgt Ion:106 Resp: 113380

Ion Ratio Lower Upper

106 100

91 220.5 103.6 310.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019562.D

Acq: 16 Sep 2024 13:32

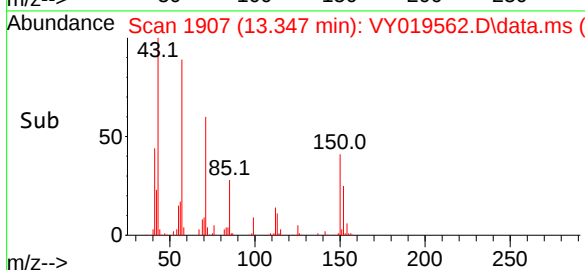
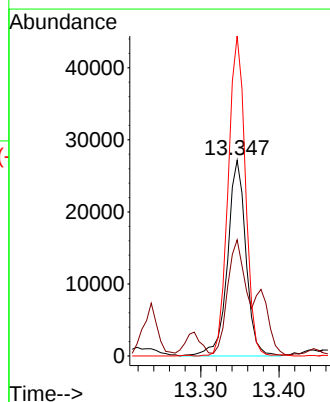
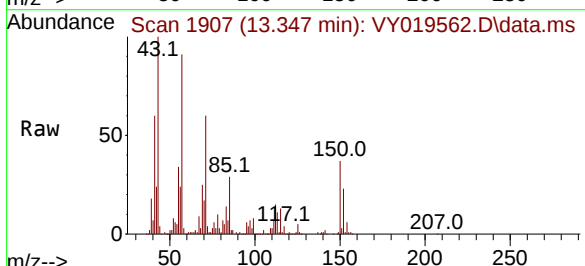
Tgt Ion:152 Resp: 44373

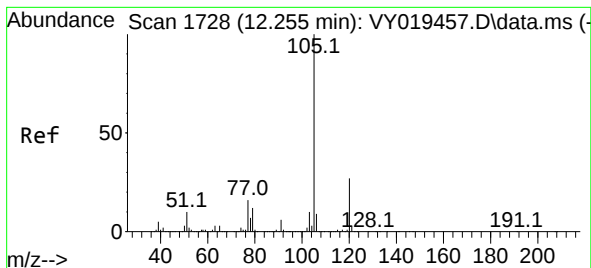
Ion Ratio Lower Upper

152 100

115 58.0 28.2 84.7

150 152.6 0.0 345.6





#73

Isopropylbenzene

Concen: 6.056 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. 0.000 min

Lab File: VY019562.D

Acq: 16 Sep 2024 13:32

Instrument :

MSVOA_Y

ClientSampleId :

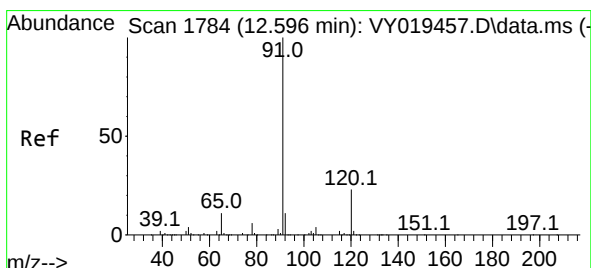
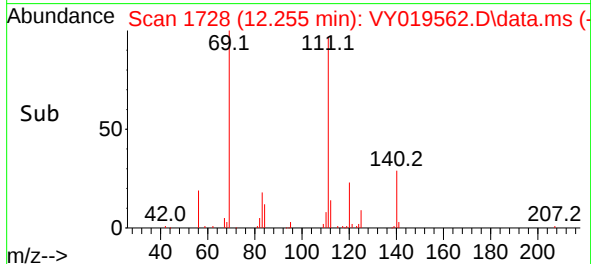
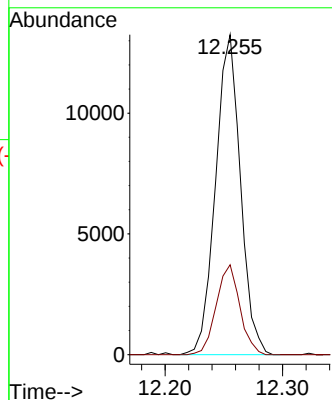
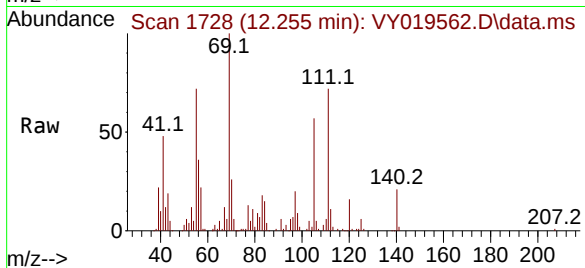
DRUM-COMP

Tgt Ion:105 Resp: 19495

Ion Ratio Lower Upper

105 100

120 26.6 13.4 40.1



#78

n-propylbenzene

Concen: 12.922 ug/l

RT: 12.591 min Scan# 1783

Delta R.T. -0.006 min

Lab File: VY019562.D

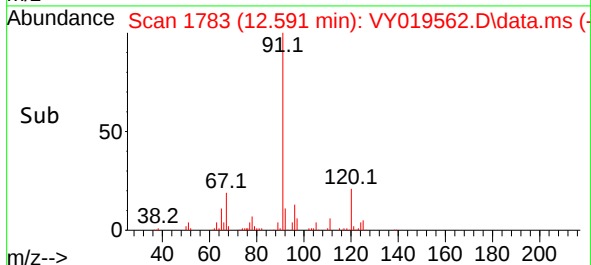
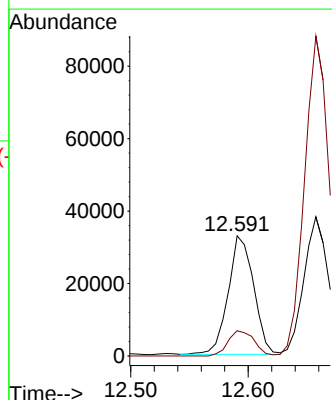
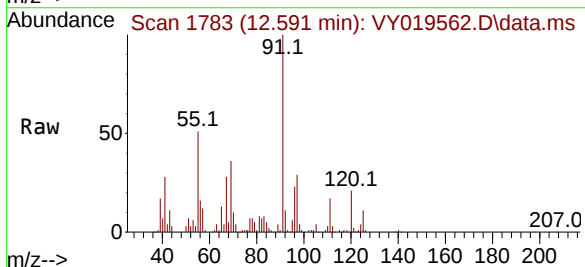
Acq: 16 Sep 2024 13:32

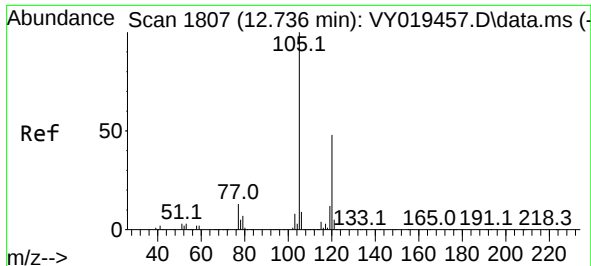
Tgt Ion: 91 Resp: 49304

Ion Ratio Lower Upper

91 100

120 21.9 11.5 34.4

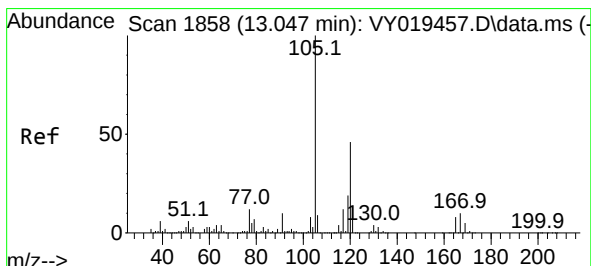
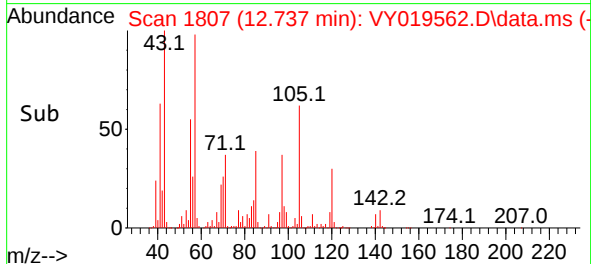
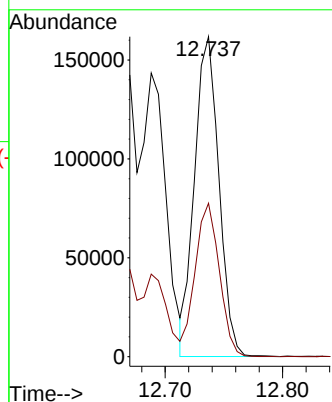
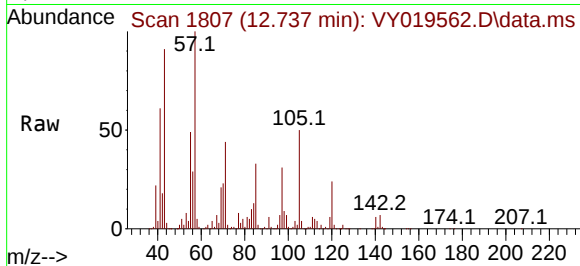




#80
1,3,5-Trimethylbenzene
Concen: 89.029 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY019562.D
Acq: 16 Sep 2024 13:32

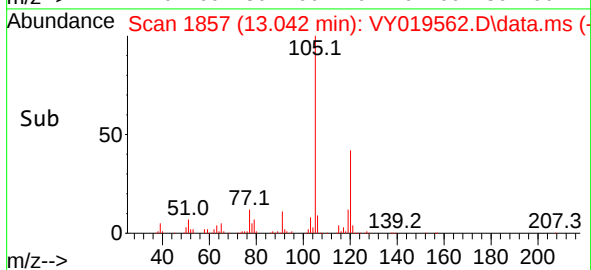
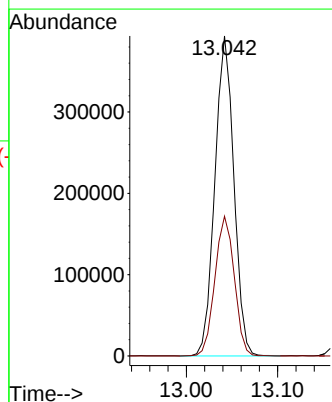
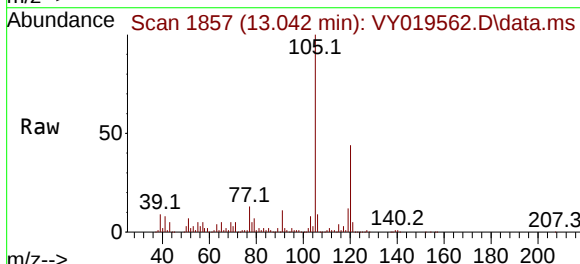
Instrument :
MSVOA_Y
ClientSampleId :
DRUM-COMP

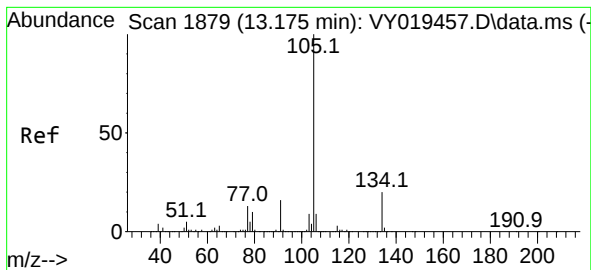
Tgt Ion:105 Resp: 232991
Ion Ratio Lower Upper
105 100
120 47.8 25.1 75.2



#84
1,2,4-Trimethylbenzene
Concen: 218.993 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.006 min
Lab File: VY019562.D
Acq: 16 Sep 2024 13:32

Tgt Ion:105 Resp: 567299
Ion Ratio Lower Upper
105 100
120 44.6 23.2 69.6





#85
 sec-Butylbenzene
 Concen: 15.626 ug/l
 RT: 13.176 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY019562.D
 Acq: 16 Sep 2024 13:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 DRUM-COMP

Tgt Ion:105 Resp: 53782
 Ion Ratio Lower Upper
 105 100
 134 24.8 10.1 30.1

