

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052424\
 Data File : VY018369.D
 Acq On : 24 May 2024 16:44
 Operator : SY/MD
 Sample : P2580-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-052224

Quant Time: May 25 03:26:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 23 01:40:36 2024
 Response via : Initial Calibration

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

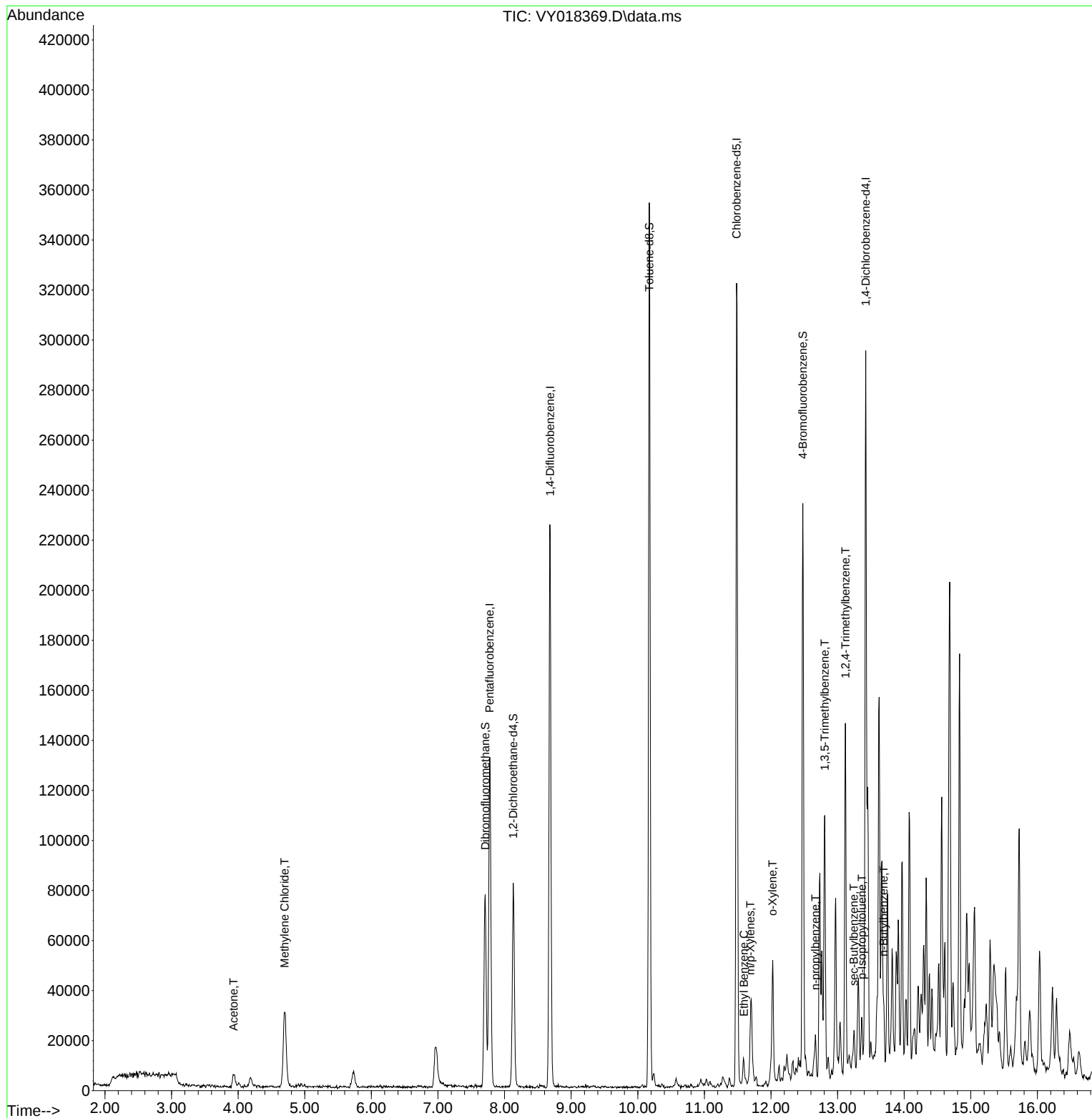
Internal Standards						
1) Pentafluorobenzene	7.777	168	96180	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	193276	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	173211	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	65942	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	56073	61.536	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.080%	
35) Dibromofluoromethane	7.710	113	53666	47.615	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 95.220%	
50) Toluene-d8	10.173	98	226473	51.538	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.080%	
62) 4-Bromofluorobenzene	12.477	95	70435	51.874	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.740%	
Target Compounds						
					Qvalue	
16) Acetone	3.930	43	9733	51.932	ug/l	90
20) Methylene Chloride	4.698	84	23738	18.996	ug/l	96
67) Ethyl Benzene	11.593	91	6972	1.110	ug/l	100
68) m/p-Xylenes	11.691	106	8041	3.326	ug/l	97
69) o-Xylene	12.026	106	11620	5.093	ug/l	87
78) n-propylbenzene	12.666	91	13010	2.096	ug/l	98
80) 1,3,5-Trimethylbenzene	12.806	105	29214	7.173	ug/l	96
84) 1,2,4-Trimethylbenzene	13.117	105	70392	17.574	ug/l	98
85) sec-Butylbenzene	13.245	105	8246	1.481	ug/l	90
86) p-Isopropyltoluene	13.367	119	6287	1.380	ug/l	94
89) n-Butylbenzene	13.690	91	11453	2.676	ug/l	# 75

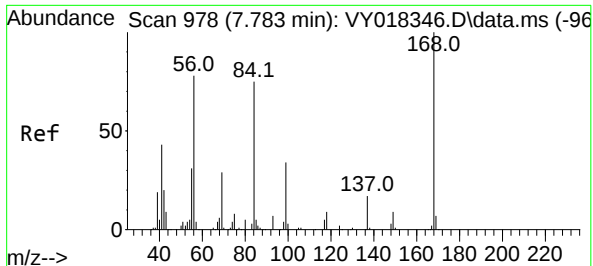
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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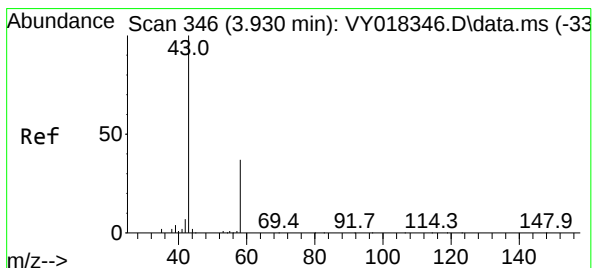
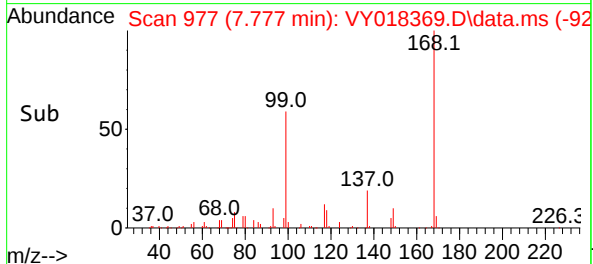
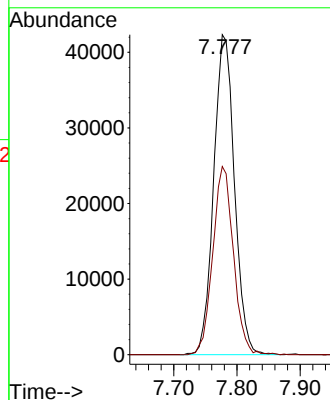
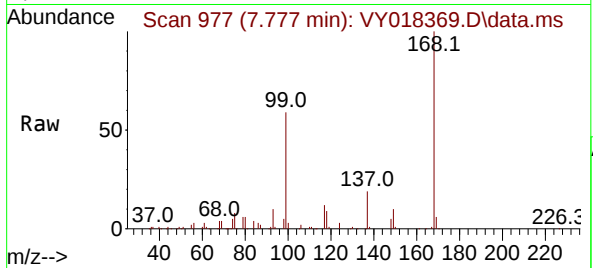




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018369.D
Acq: 24 May 2024 16:44

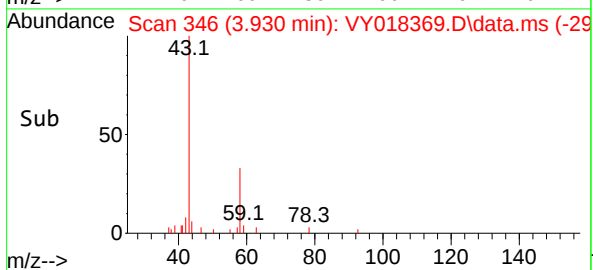
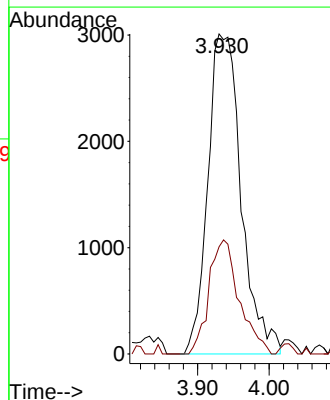
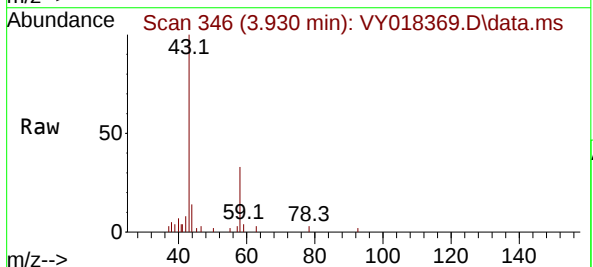
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-052224

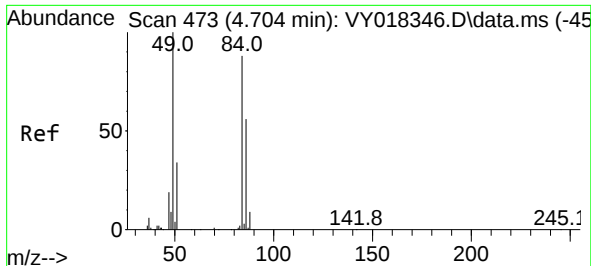
Tgt Ion:168 Resp: 96180
Ion Ratio Lower Upper
168 100
99 58.8 39.1 58.7#



#16
Acetone
Concen: 51.932 ug/l
RT: 3.930 min Scan# 346
Delta R.T. 0.000 min
Lab File: VY018369.D
Acq: 24 May 2024 16:44

Tgt Ion: 43 Resp: 9733
Ion Ratio Lower Upper
43 100
58 33.5 31.7 47.5

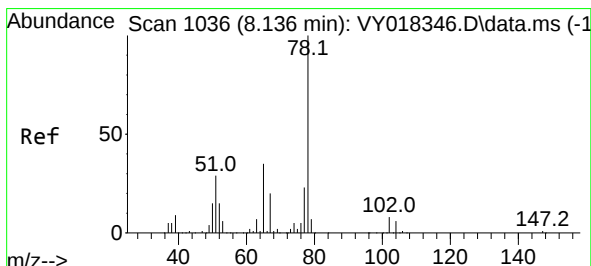
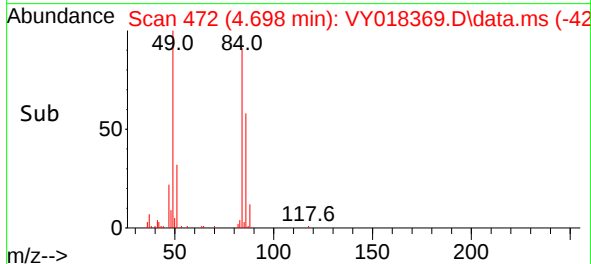
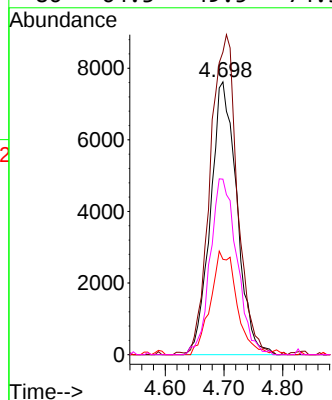
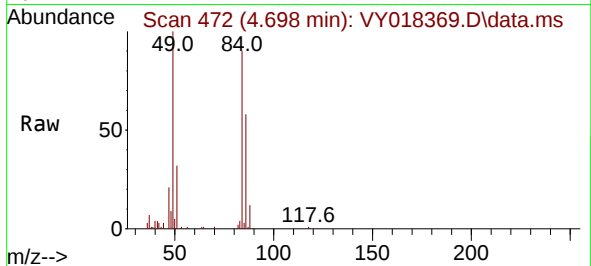




#20
Methylene Chloride
Concen: 18.996 ug/l
RT: 4.698 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY018369.D
Acq: 24 May 2024 16:44

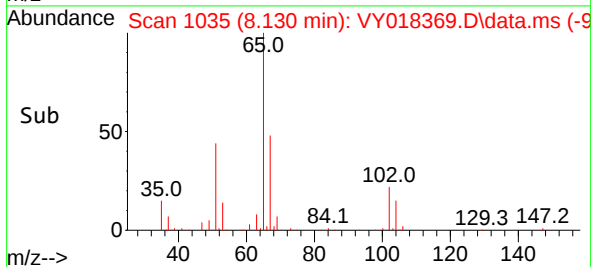
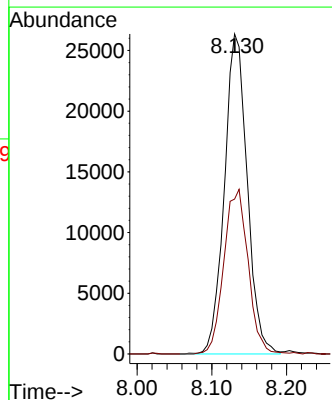
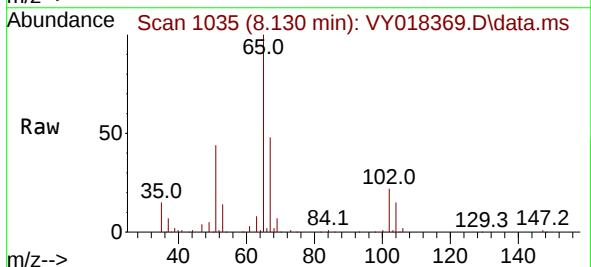
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-052224

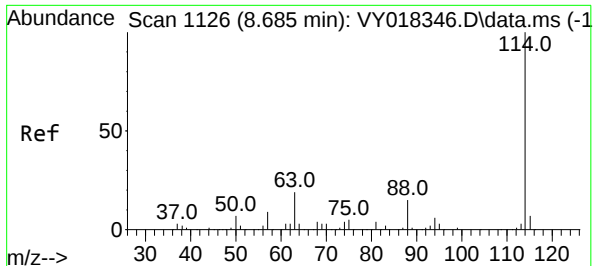
Tgt Ion:	84	Resp:	23738
Ion	Ratio	Lower	Upper
84	100		
49	110.9	84.4	126.6
51	35.0	26.0	39.0
86	64.3	49.5	74.3



#33
1,2-Dichloroethane-d4
Concen: 61.536 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY018369.D
Acq: 24 May 2024 16:44

Tgt Ion:	65	Resp:	56073
Ion	Ratio	Lower	Upper
65	100		
67	54.8	0.0	109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY018369.D

Acq: 24 May 2024 16:44

Instrument :

MSVOA_Y

ClientSampleId :

TR-05-052224

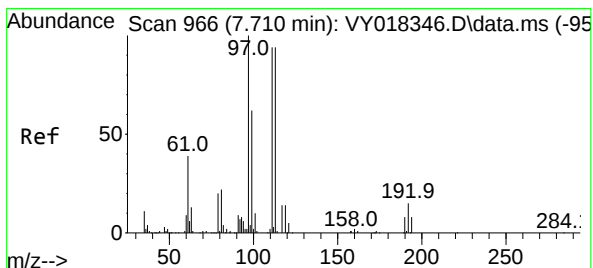
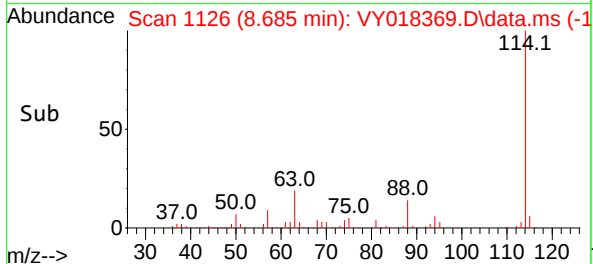
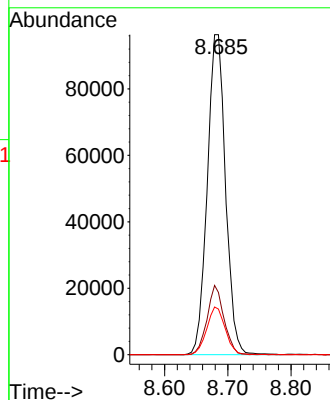
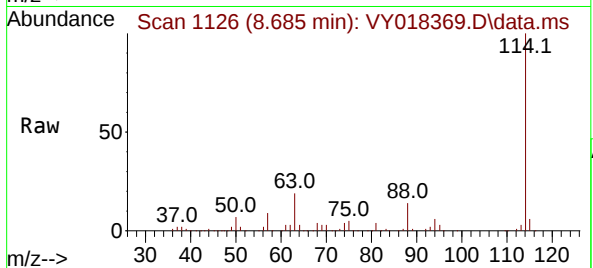
Tgt Ion:114 Resp: 193276

Ion Ratio Lower Upper

114 100

63 19.5 0.0 35.0

88 14.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 47.615 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.000 min

Lab File: VY018369.D

Acq: 24 May 2024 16:44

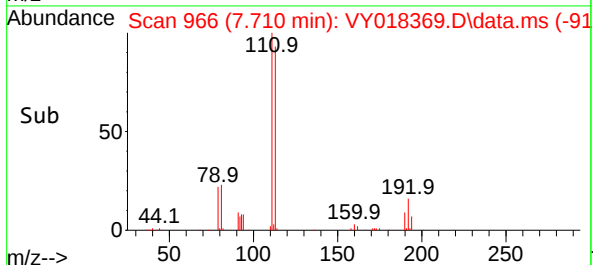
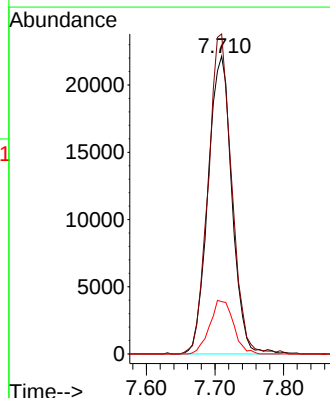
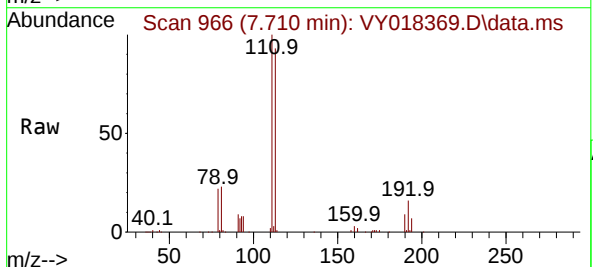
Tgt Ion:113 Resp: 53666

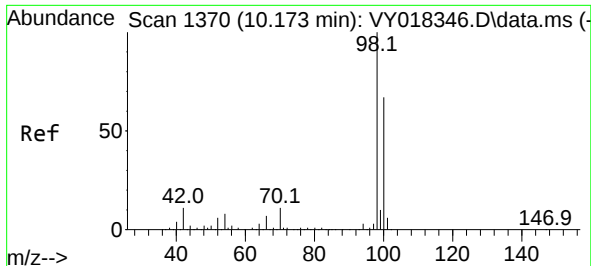
Ion Ratio Lower Upper

113 100

111 105.6 82.2 123.4

192 17.8 15.9 23.9

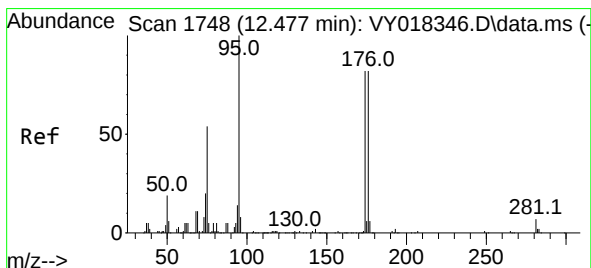
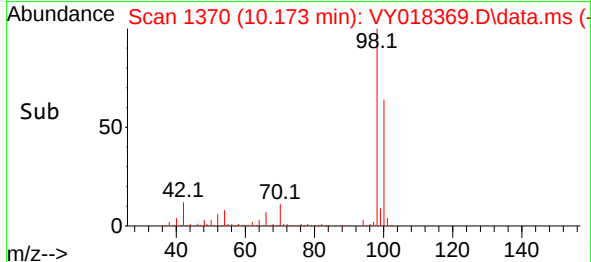
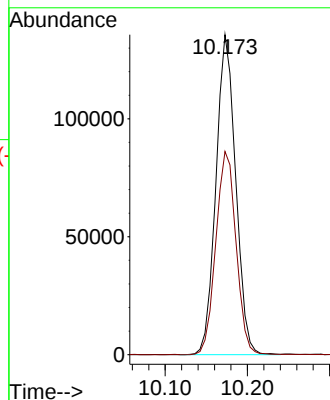
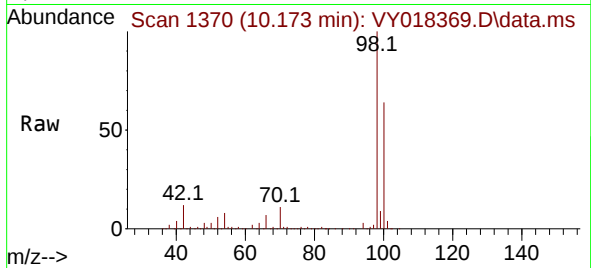




#50
Toluene-d8
Concen: 51.538 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018369.D
Acq: 24 May 2024 16:44

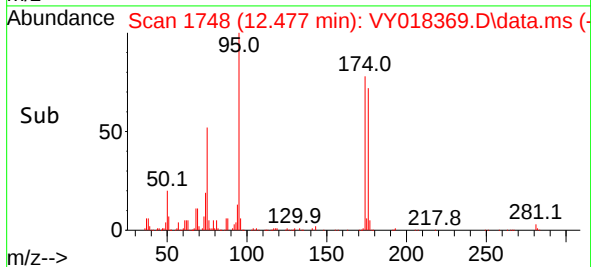
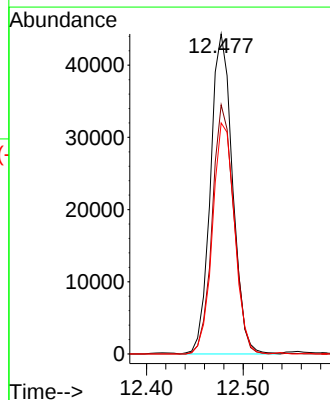
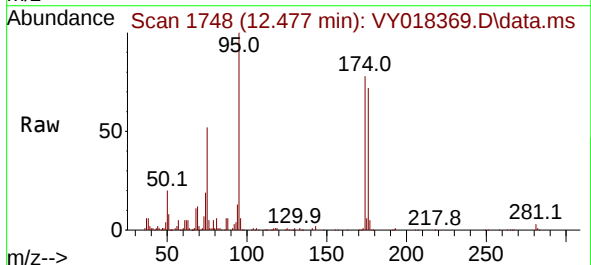
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-052224

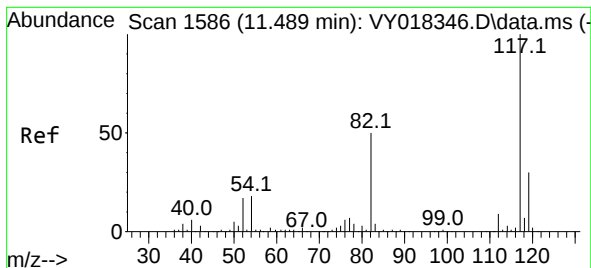
Tgt Ion: 98 Resp: 226473
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 51.874 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018369.D
Acq: 24 May 2024 16:44

Tgt Ion: 95 Resp: 70435
Ion Ratio Lower Upper
95 100
174 76.1 0.0 175.6
176 72.0 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY018369.D

Acq: 24 May 2024 16:44

Instrument :

MSVOA_Y

ClientSampleId :

TR-05-052224

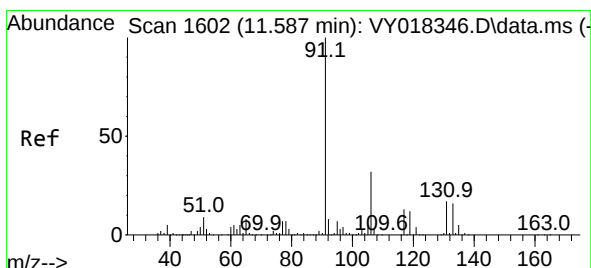
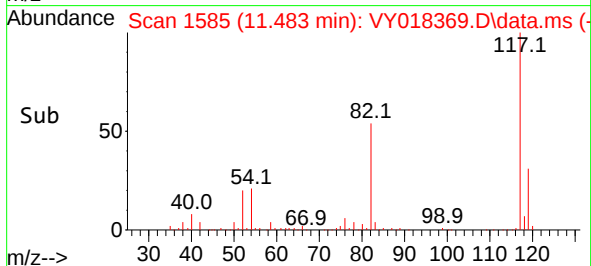
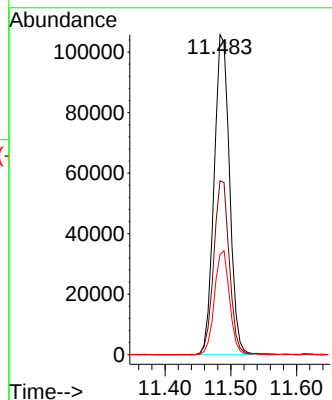
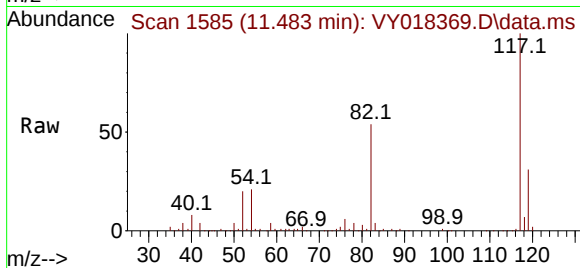
Tgt Ion:117 Resp: 173211

Ion Ratio Lower Upper

117 100

82 54.3 42.4 63.6

119 31.3 25.9 38.9



#67

Ethyl Benzene

Concen: 1.110 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY018369.D

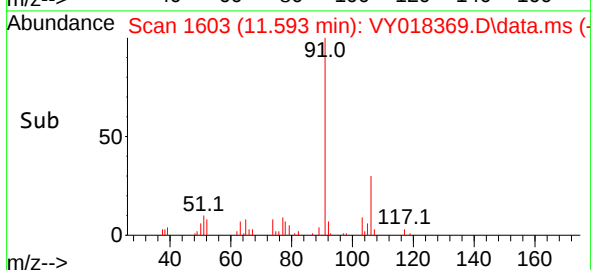
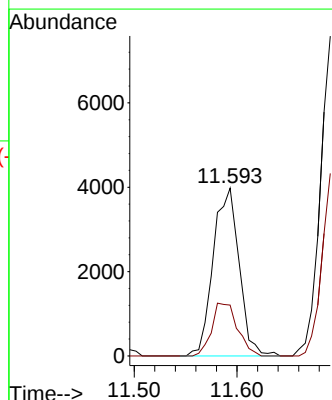
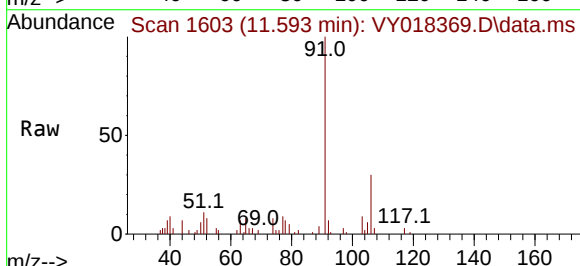
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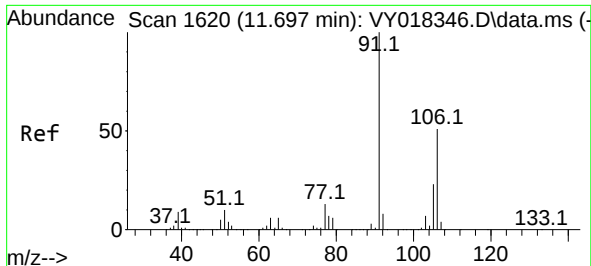
Tgt Ion: 91 Resp: 6972

Ion Ratio Lower Upper

91 100

106 30.3 24.5 36.7

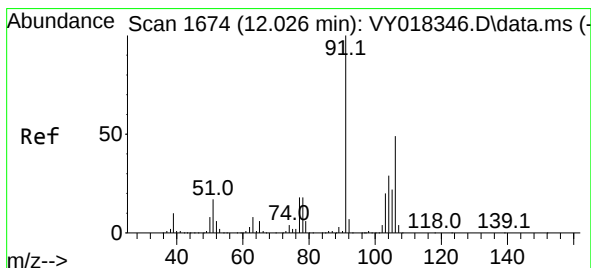
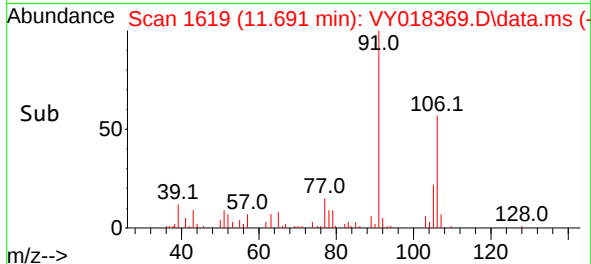
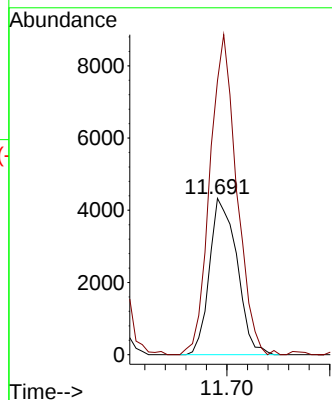
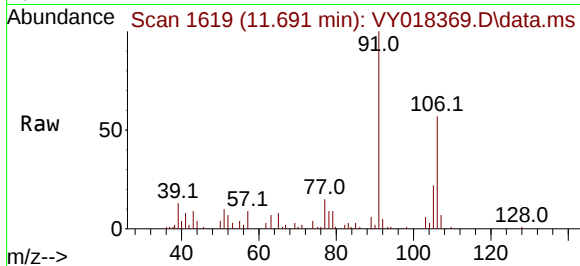




#68
m/p-Xylenes
Concen: 3.326 ug/l
RT: 11.691 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VY018369.D
Acq: 24 May 2024 16:44

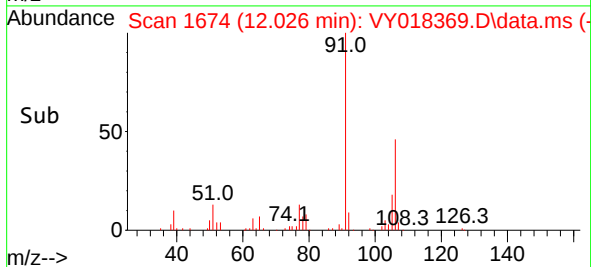
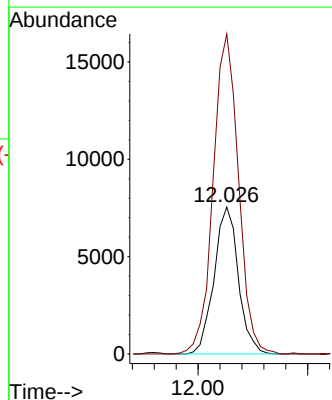
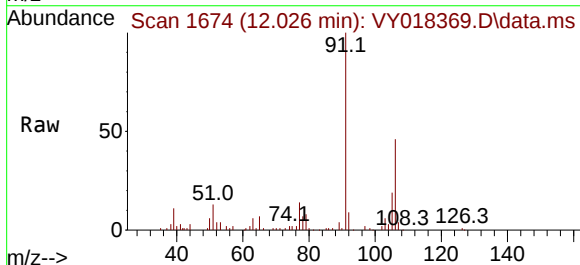
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TR-05-052224

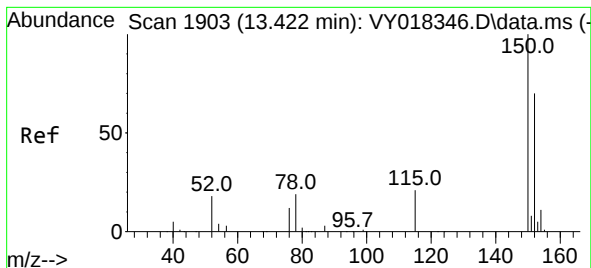
Tgt Ion:106 Resp: 8041
Ion Ratio Lower Upper
106 100
91 199.7 156.0 234.0



#69
o-Xylene
Concen: 5.093 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY018369.D
Acq: 24 May 2024 16:44

Tgt Ion:106 Resp: 11620
Ion Ratio Lower Upper
106 100
91 226.7 103.6 310.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY018369.D

Acq: 24 May 2024 16:44

Instrument :

MSVOA_Y

ClientSampleId :

TR-05-052224

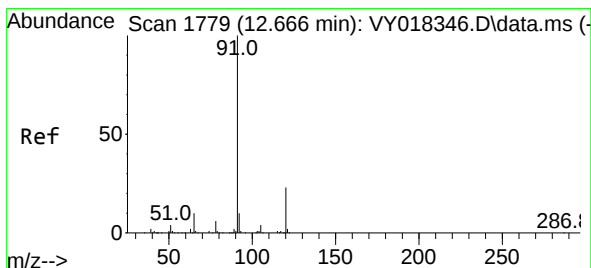
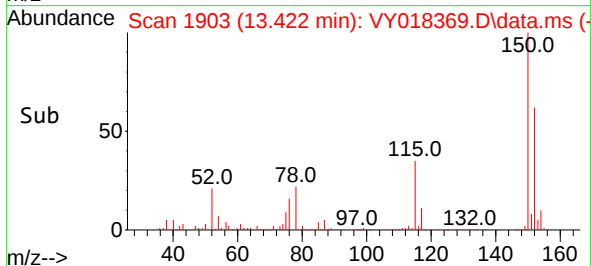
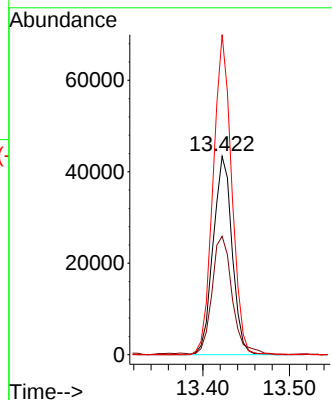
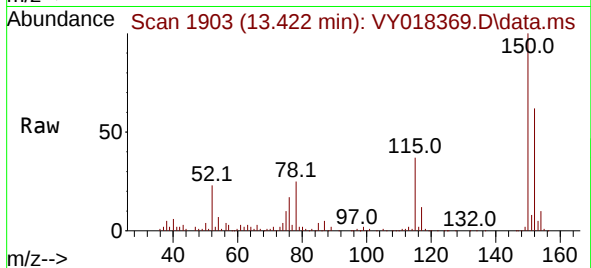
Tgt Ion:152 Resp: 65942

Ion Ratio Lower Upper

152 100

115 63.9 28.2 84.7

150 157.5 0.0 345.6



#78

n-propylbenzene

Concen: 2.096 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY018369.D

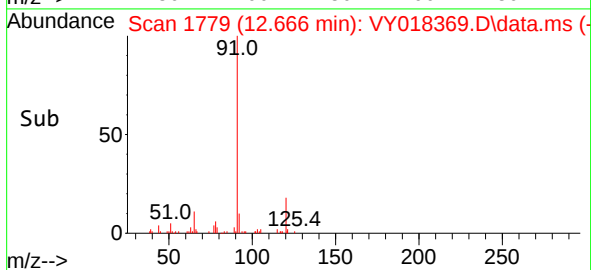
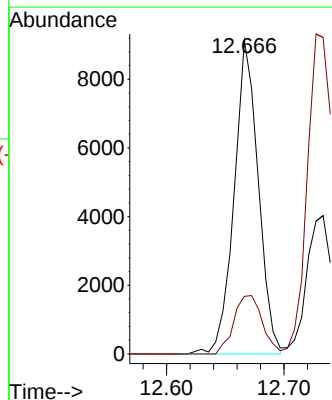
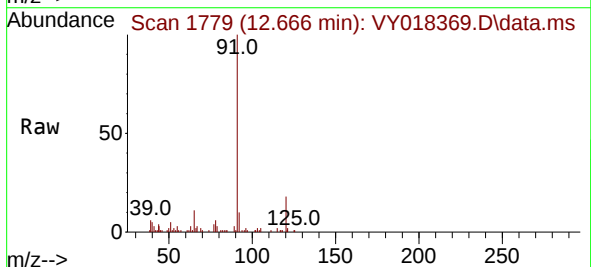
Acq: 24 May 2024 16:44

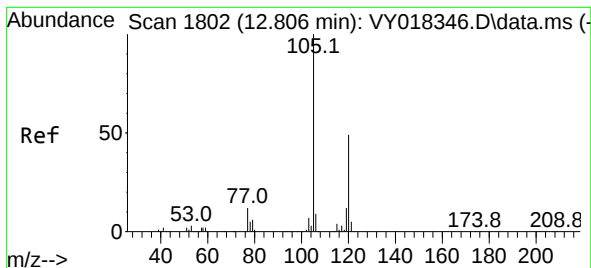
Tgt Ion: 91 Resp: 13010

Ion Ratio Lower Upper

91 100

120 22.0 11.5 34.4

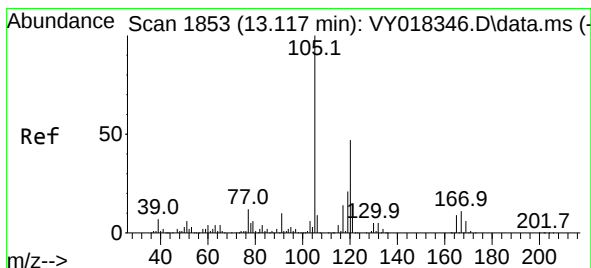
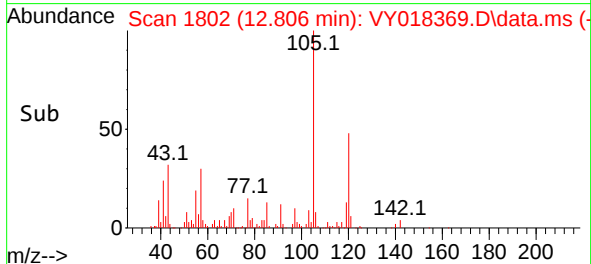
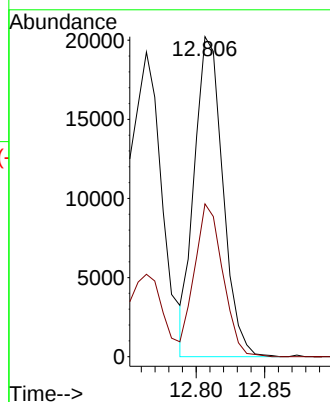
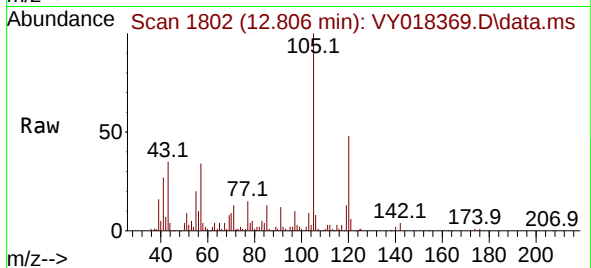




#80
1,3,5-Trimethylbenzene
Concen: 7.173 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VY018369.D
Acq: 24 May 2024 16:44

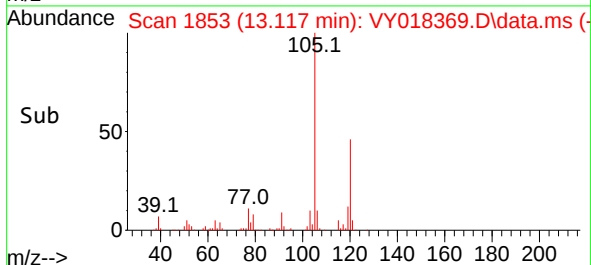
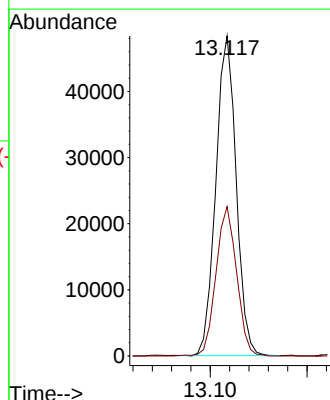
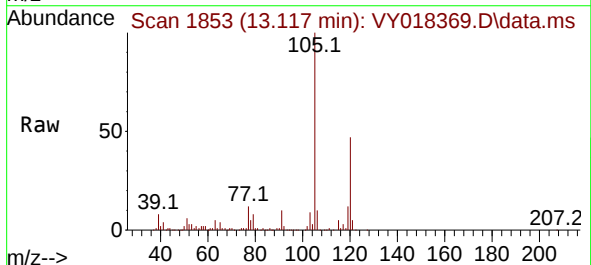
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-052224

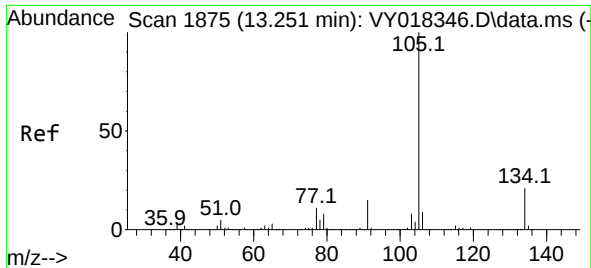
Tgt Ion:105 Resp: 29214
Ion Ratio Lower Upper
105 100
120 47.4 25.1 75.2



#84
1,2,4-Trimethylbenzene
Concen: 17.574 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY018369.D
Acq: 24 May 2024 16:44

Tgt Ion:105 Resp: 70392
Ion Ratio Lower Upper
105 100
120 47.5 23.2 69.6

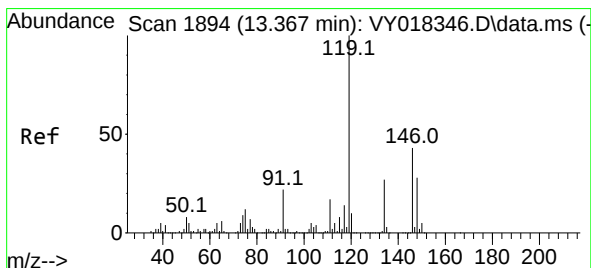
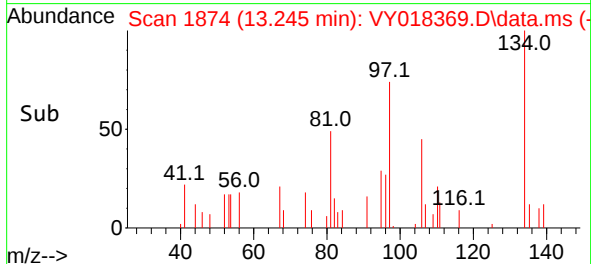
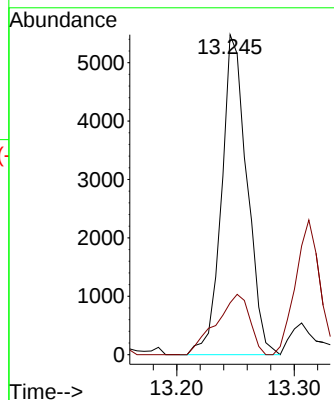
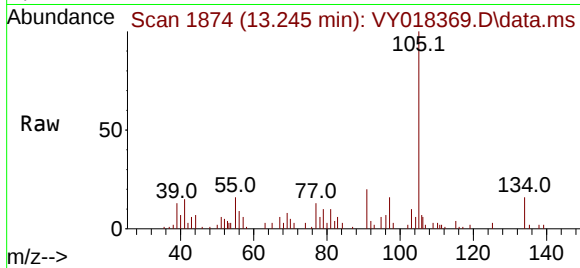




#85
 sec-Butylbenzene
 Concen: 1.481 ug/l
 RT: 13.245 min Scan# 1874
 Delta R.T. -0.006 min
 Lab File: VY018369.D
 Acq: 24 May 2024 16:44

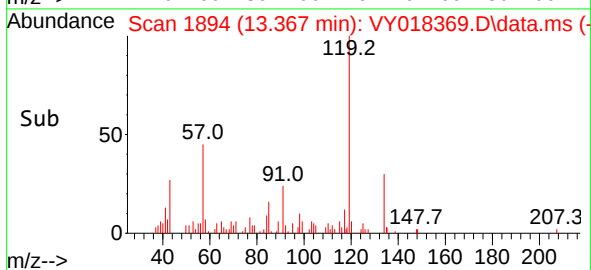
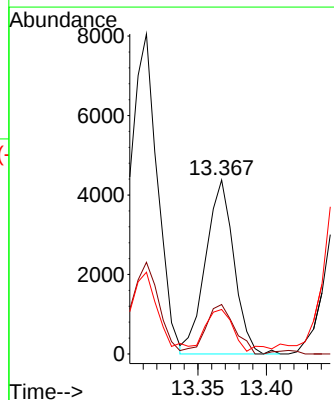
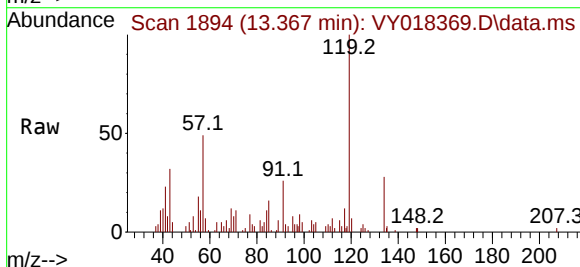
Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-052224

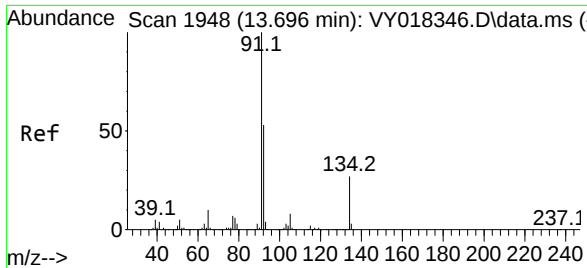
Tgt Ion:105 Resp: 8246
 Ion Ratio Lower Upper
 105 100
 134 24.8 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 1.380 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY018369.D
 Acq: 24 May 2024 16:44

Tgt Ion:119 Resp: 6287
 Ion Ratio Lower Upper
 119 100
 134 29.0 13.1 39.3
 91 17.9 10.7 32.1





#89
 n-Butylbenzene
 Concen: 2.676 ug/l
 RT: 13.690 min Scan# 1947
 Delta R.T. -0.006 min
 Lab File: VY018369.D
 Acq: 24 May 2024 16:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-052224

Tgt Ion: 91 Resp: 11453
 Ion Ratio Lower Upper
 91 100
 92 61.6 26.6 79.7
 134 0.0 12.9 38.7#

