

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052621\
 Data File : VY004879.D
 Acq On : 26 May 2021 12:21
 Operator : SY/MD
 Sample : M2521-01
 Misc : 2.27G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-01-052521

Quant Time: May 27 01:14:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 11 04:13:44 2021
 Response via : Initial Calibration

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

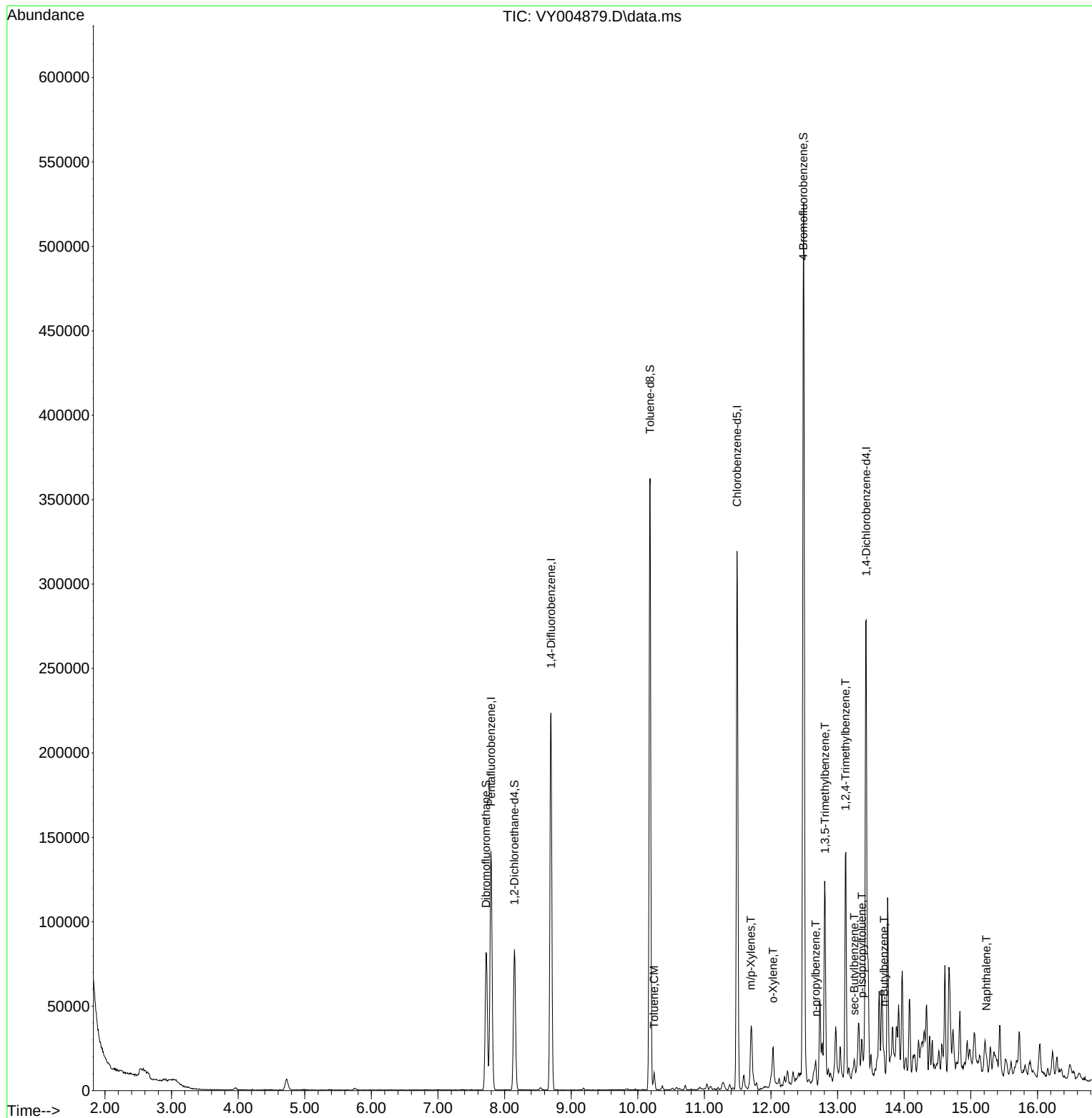
Internal Standards						
1) Pentafluorobenzene	7.795	168	105063	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	184186	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	164829	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	66251	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	62643	50.09	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.18%	
35) Dibromofluoromethane	7.722	113	56619	56.15	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.30%	
50) Toluene-d8	10.185	98	230821	50.67	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.34%	
62) 4-Bromofluorobenzene	12.483	95	68386	44.48	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 88.96%	
Target Compounds						
					Qvalue	
52) Toluene	10.246	92	3856	1.14	ug/l	99
68) m/p-Xylenes	11.697	106	8194	3.46	ug/l	97
69) o-Xylene	12.032	106	5341	2.41	ug/l	92
78) n-propylbenzene	12.672	91	9642	1.58	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	29121	7.02	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	69917	16.83	ug/l	99
85) sec-Butylbenzene	13.251	105	6174	1.20	ug/l	89
86) p-Isopropyltoluene	13.367	119	5019	1.12	ug/l	97
89) n-Butylbenzene	13.696	91	5959	1.36	ug/l #	70
95) Naphthalene	15.233	128	4444	1.63	ug/l #	86

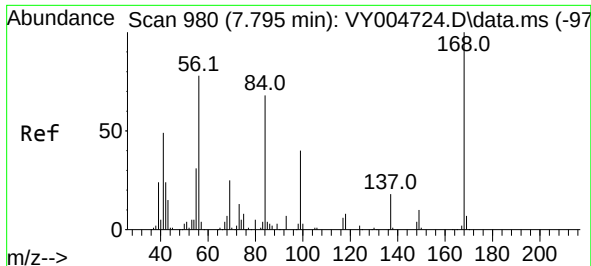
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052621\
Data File : VY004879.D
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Sample : M2521-01
Misc : 2.27G/5ML/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
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HR-01-052521

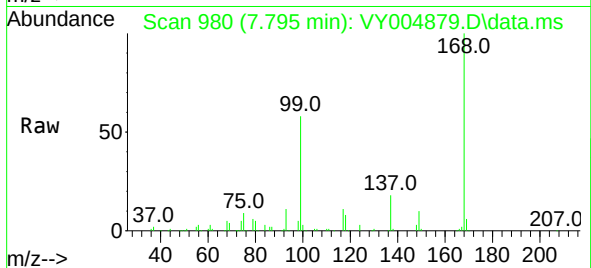
Quant Time: May 27 01:14:15 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
Quant Title : SW846 8260
QLast Update : Tue May 11 04:13:44 2021
Response via : Initial Calibration



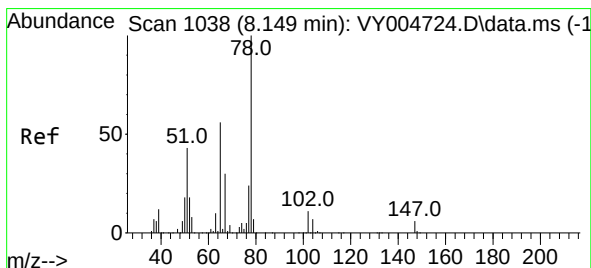
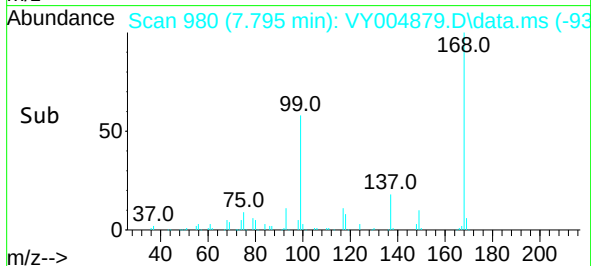
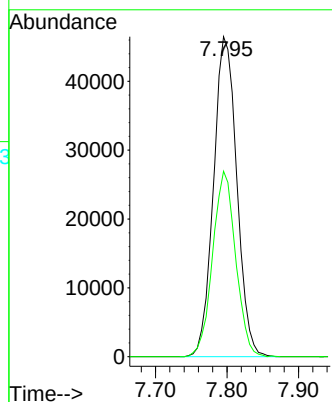


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004879.D
Acq: 26 May 2021 12:21

Instrument :
MSVOA_Y
ClientSampleId :
HR-01-052521

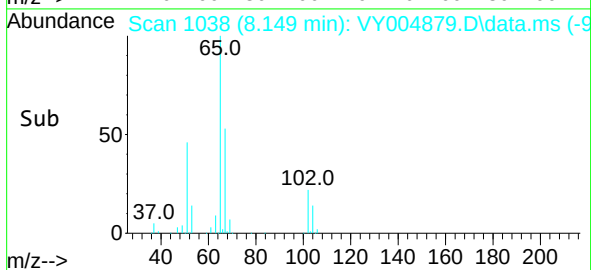
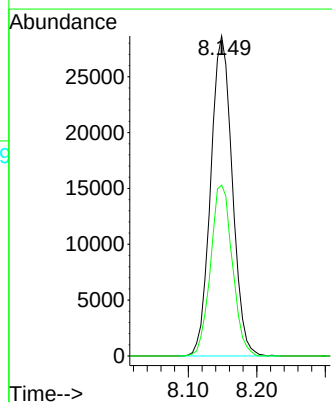
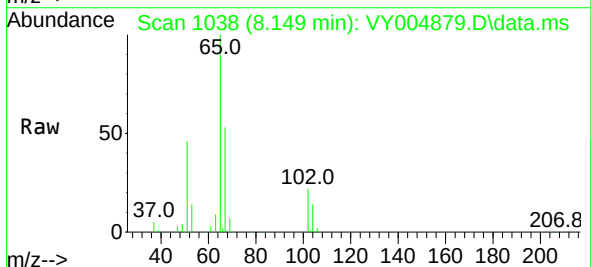


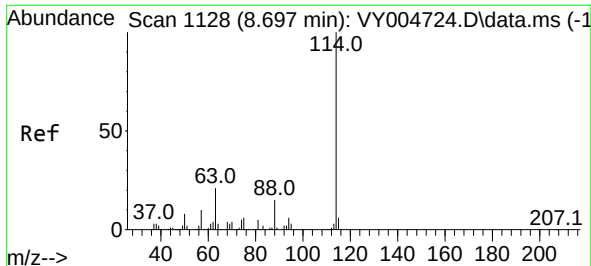
Tgt Ion:168 Resp: 105063
Ion Ratio Lower Upper
168 100
99 58.0 45.6 68.4



#33
1,2-Dichloroethane-d4
Concen: 50.09 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY004879.D
Acq: 26 May 2021 12:21

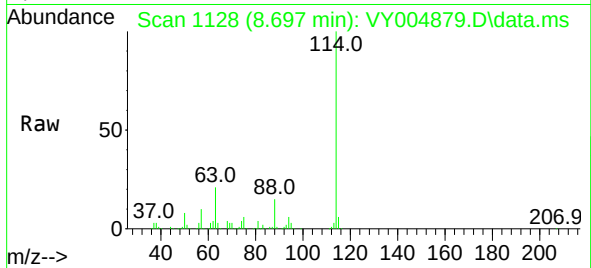
Tgt Ion: 65 Resp: 62643
Ion Ratio Lower Upper
65 100
67 53.9 0.0 108.0



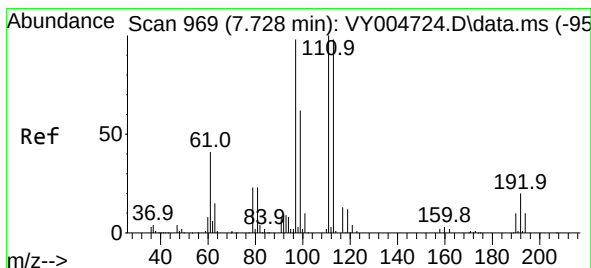
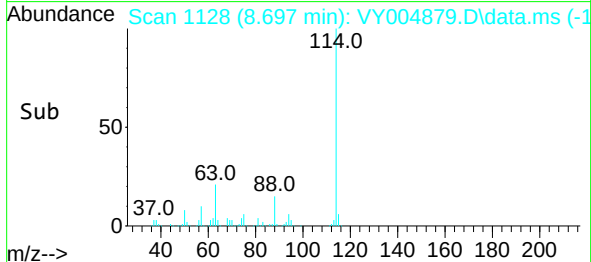
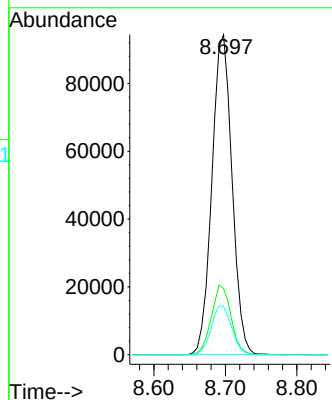


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004879.D
Acq: 26 May 2021 12:21

Instrument :
MSVOA_Y
ClientSampleId :
HR-01-052521

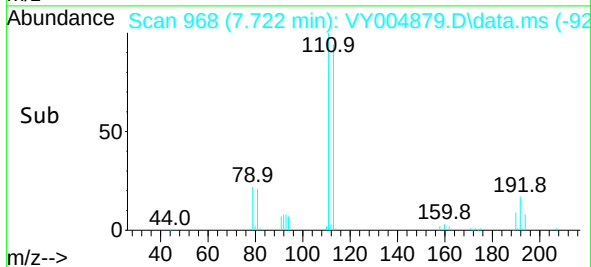
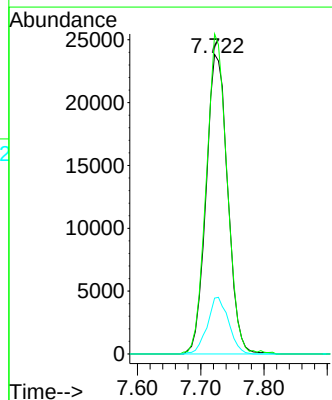
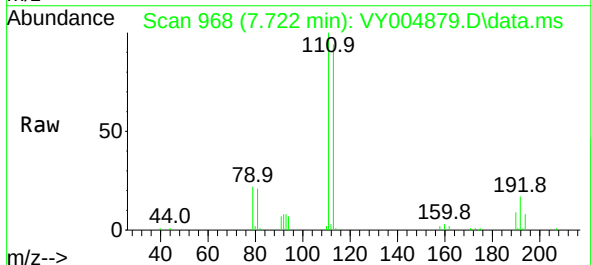


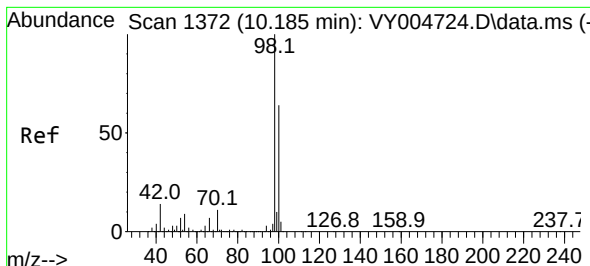
Tgt Ion:114 Resp: 184186
Ion Ratio Lower Upper
114 100
63 20.7 0.0 42.8
88 15.1 0.0 31.0



#35
Dibromofluoromethane
Concen: 56.15 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY004879.D
Acq: 26 May 2021 12:21

Tgt Ion:113 Resp: 56619
Ion Ratio Lower Upper
113 100
111 103.2 80.5 120.7
192 18.5 15.0 22.6

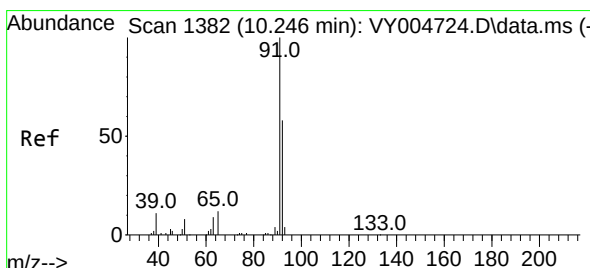
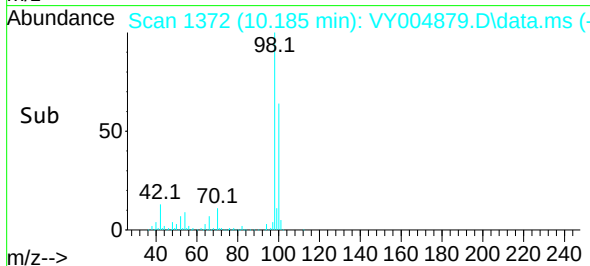
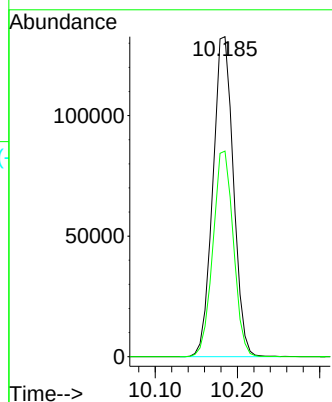
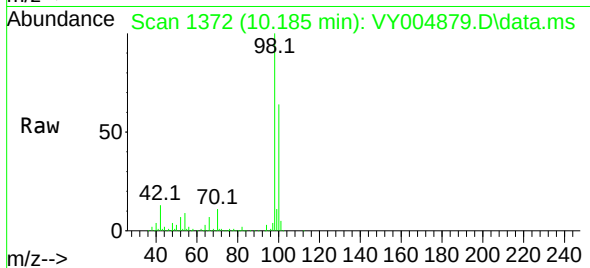




#50
Toluene-d8
Concen: 50.67 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004879.D
Acq: 26 May 2021 12:21

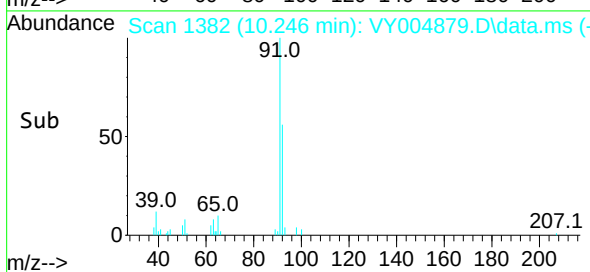
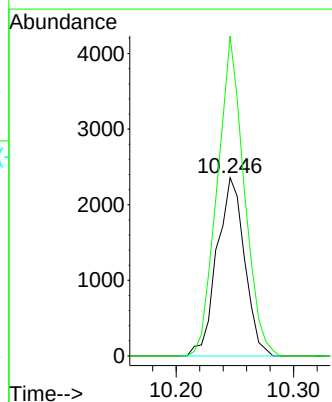
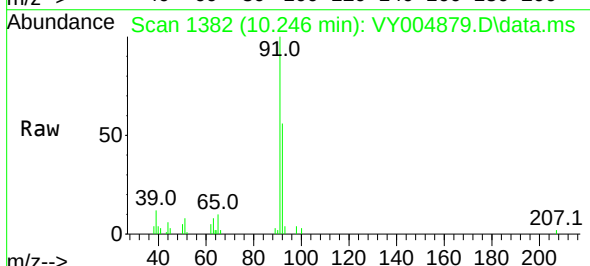
Instrument :
MSVOA_Y
ClientSampleId :
HR-01-052521

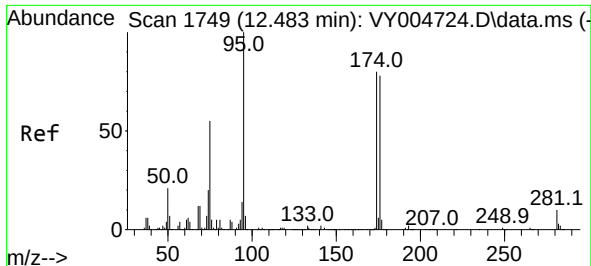
Tgt Ion: 98 Resp: 230821
Ion Ratio Lower Upper
98 100
100 63.9 51.5 77.3



#52
Toluene
Concen: 1.14 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY004879.D
Acq: 26 May 2021 12:21

Tgt Ion: 92 Resp: 3856
Ion Ratio Lower Upper
92 100
91 174.6 138.2 207.4

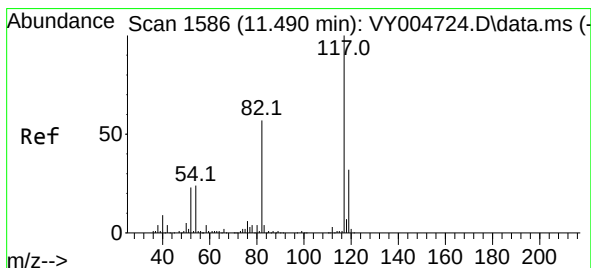
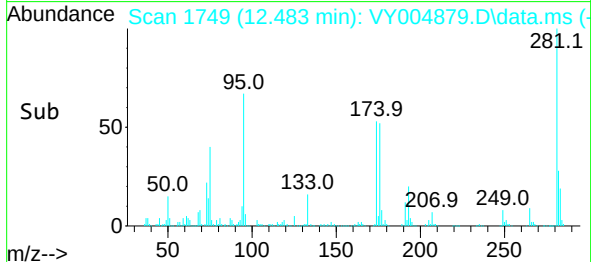
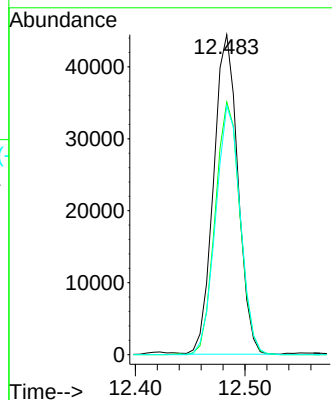
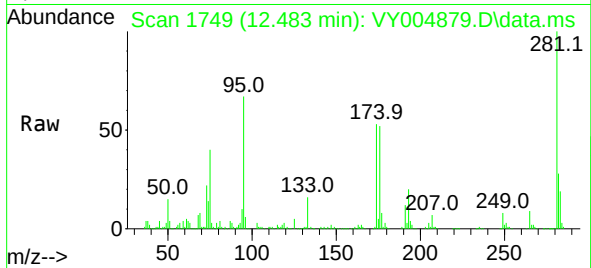




#62
4-Bromofluorobenzene
Concen: 44.48 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004879.D
Acq: 26 May 2021 12:21

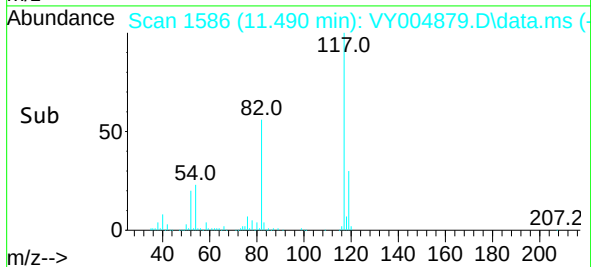
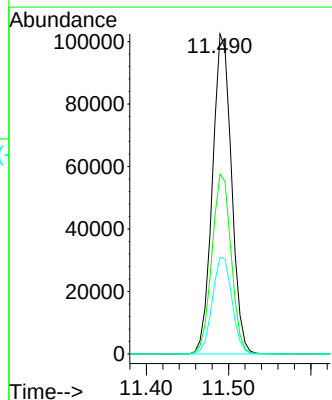
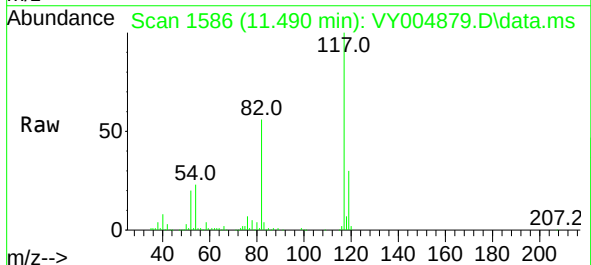
Instrument :
MSVOA_Y
ClientSampleId :
HR-01-052521

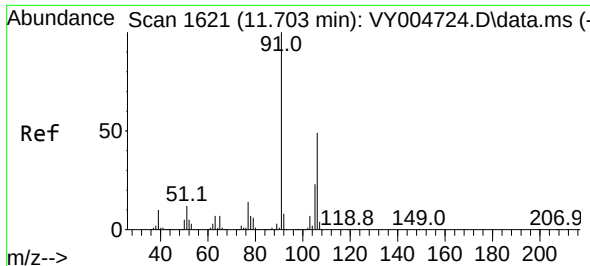
Tgt Ion: 95 Resp: 68386
Ion Ratio Lower Upper
95 100
174 80.6 0.0 164.2
176 79.2 0.0 159.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY004879.D
Acq: 26 May 2021 12:21

Tgt Ion: 117 Resp: 164829
Ion Ratio Lower Upper
117 100
82 56.2 45.4 68.2
119 30.3 25.8 38.6

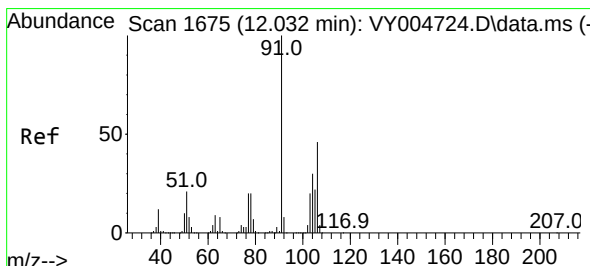
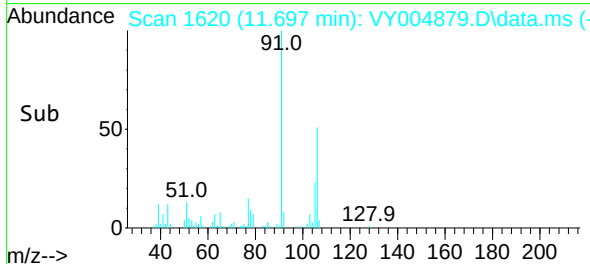
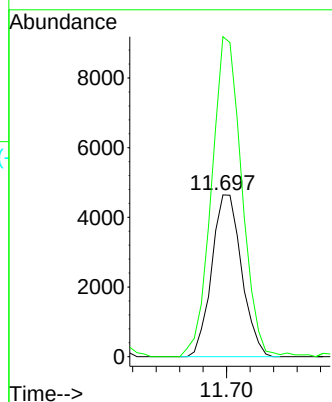
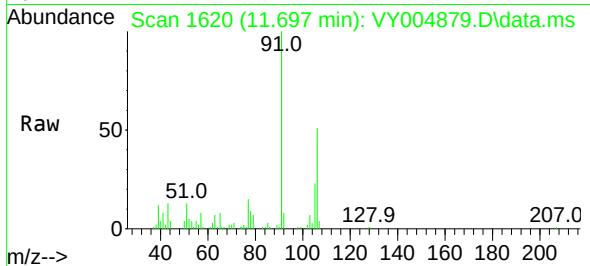




#68
m/p-Xylenes
Concen: 3.46 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY004879.D
Acq: 26 May 2021 12:21

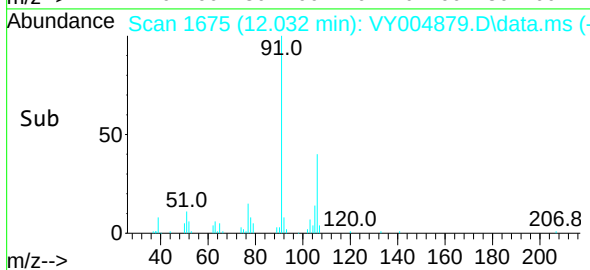
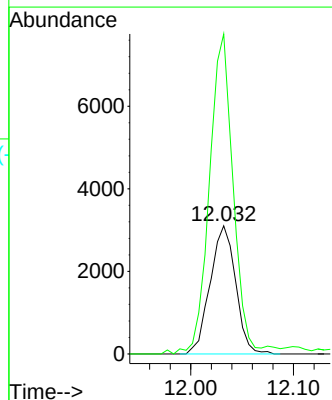
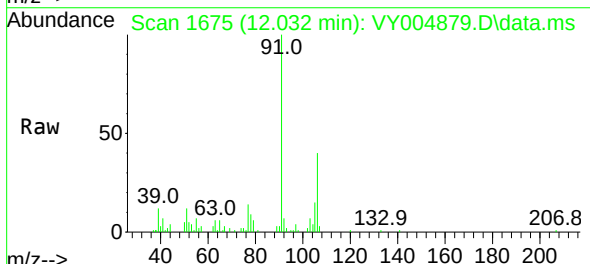
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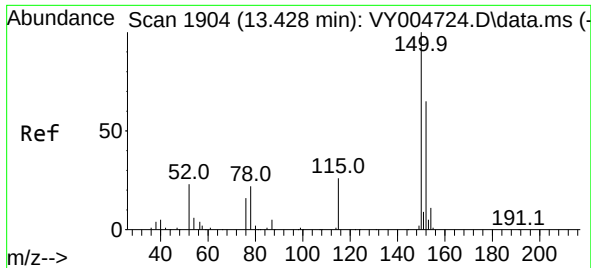
Tgt Ion:106 Resp: 8194
Ion Ratio Lower Upper
106 100
91 200.4 163.6 245.4



#69
o-Xylene
Concen: 2.41 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY004879.D
Acq: 26 May 2021 12:21

Tgt Ion:106 Resp: 5341
Ion Ratio Lower Upper
106 100
91 231.4 108.9 326.7

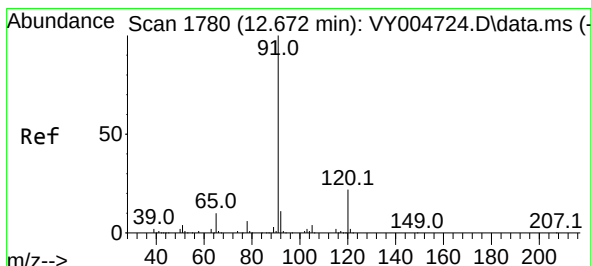
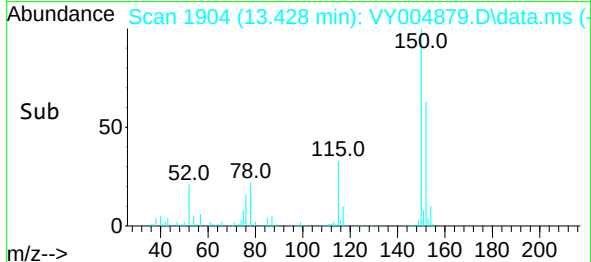
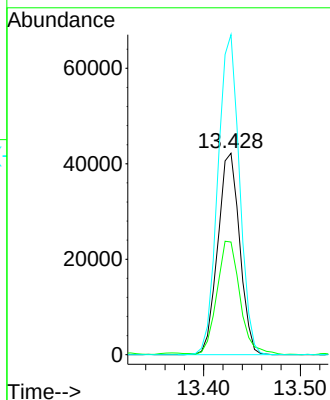
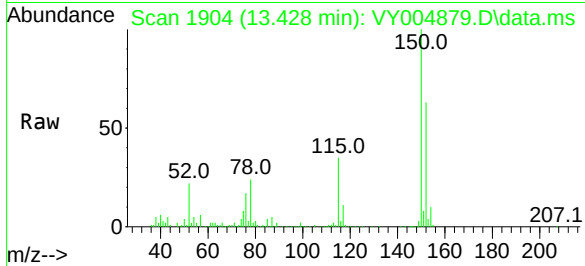




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004879.D
Acq: 26 May 2021 12:21

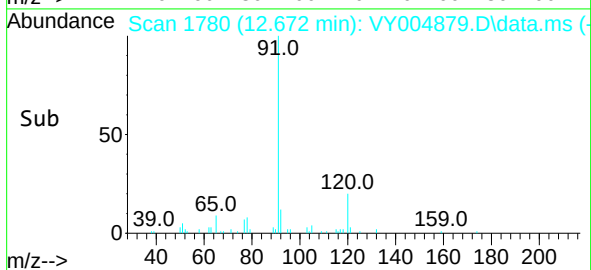
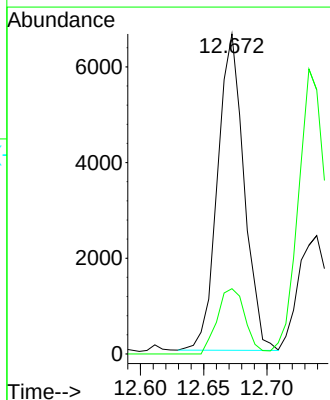
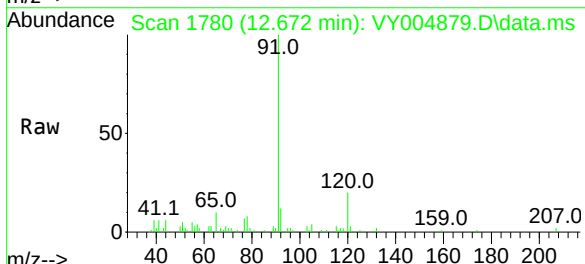
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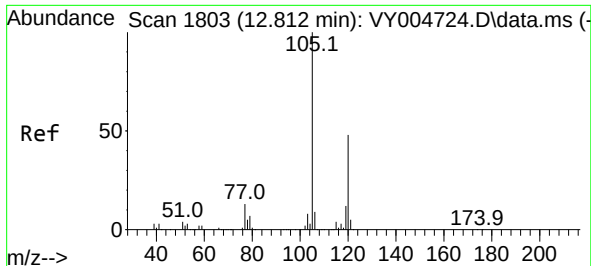
Tgt Ion:152 Resp: 66251
Ion Ratio Lower Upper
152 100
115 59.6 29.4 88.3
150 156.6 0.0 349.8



#78
n-propylbenzene
Concen: 1.58 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY004879.D
Acq: 26 May 2021 12:21

Tgt Ion: 91 Resp: 9642
Ion Ratio Lower Upper
91 100
120 21.9 11.1 33.3

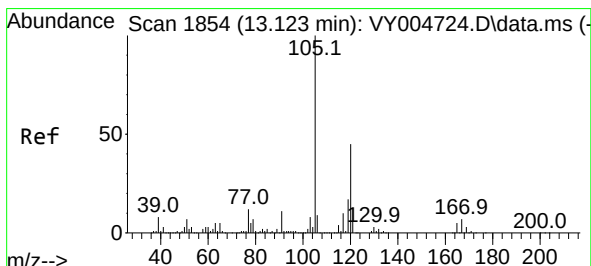
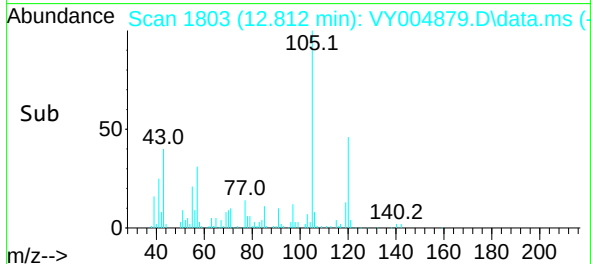
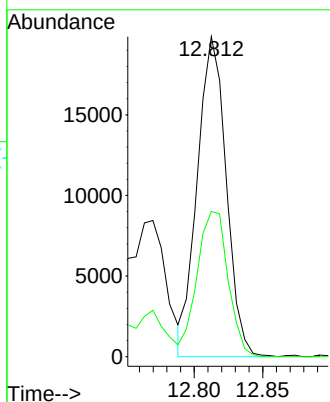
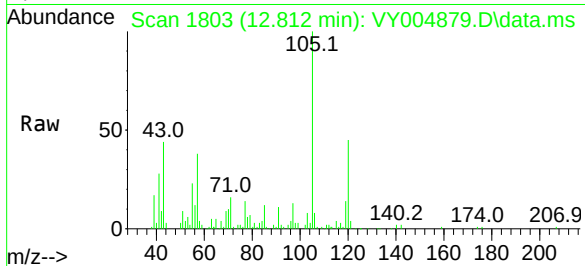




#80
1,3,5-Trimethylbenzene
Concen: 7.02 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY004879.D
Acq: 26 May 2021 12:21

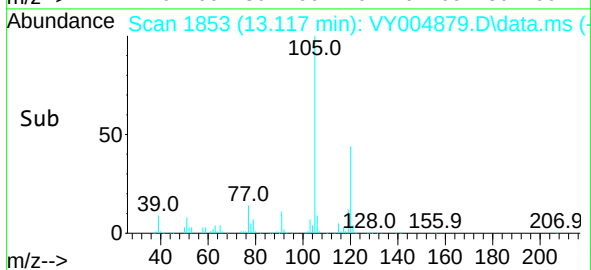
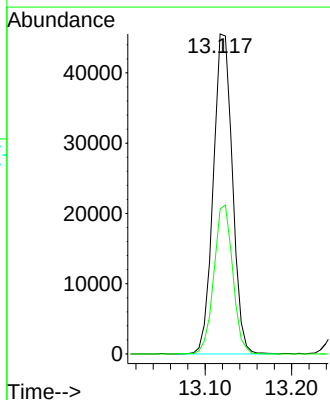
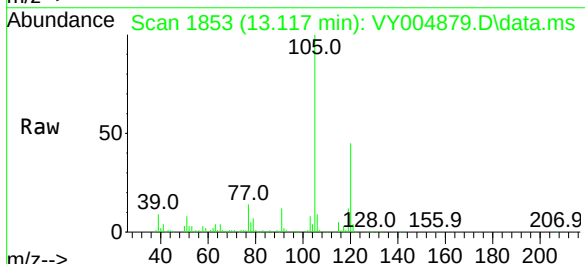
Instrument :
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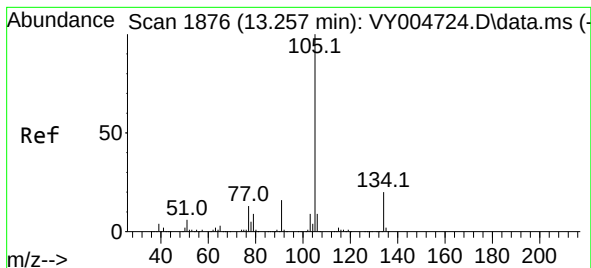
Tgt Ion:105 Resp: 29121
Ion Ratio Lower Upper
105 100
120 48.6 24.0 72.0



#84
1,2,4-Trimethylbenzene
Concen: 16.83 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY004879.D
Acq: 26 May 2021 12:21

Tgt Ion:105 Resp: 69917
Ion Ratio Lower Upper
105 100
120 45.8 22.5 67.5





#85

sec-Butylbenzene

Concen: 1.20 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.006 min

Lab File: VY004879.D

Acq: 26 May 2021 12:21

Tgt Ion:105 Resp: 6174

Ion Ratio Lower Upper

105 100

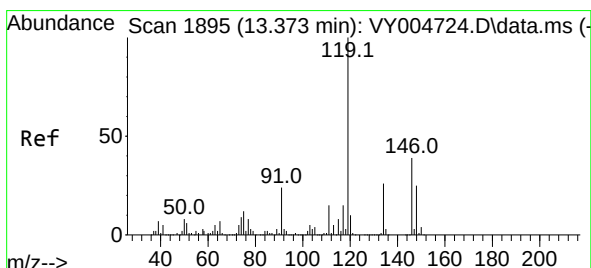
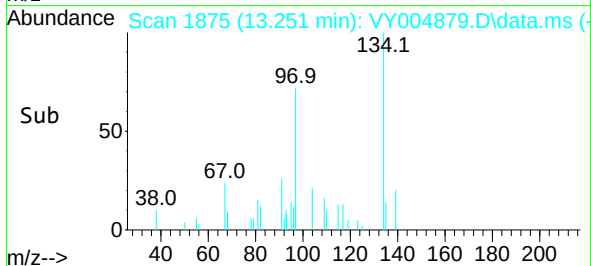
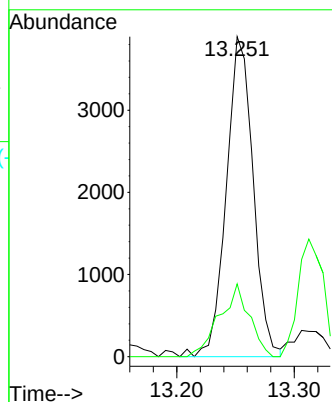
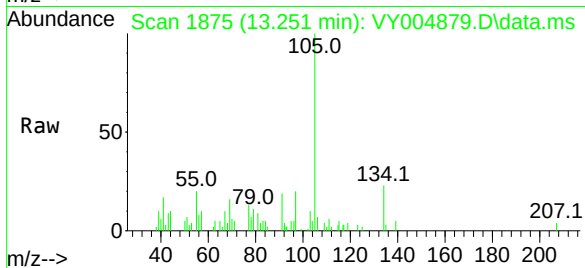
134 25.2 10.0 29.8

Instrument :

MSVOA_Y

ClientSampleId :

HR-01-052521



#86

p-Isopropyltoluene

Concen: 1.12 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY004879.D

Acq: 26 May 2021 12:21

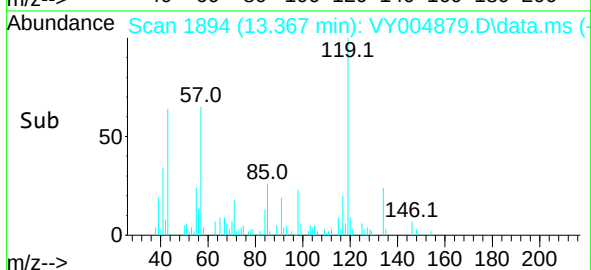
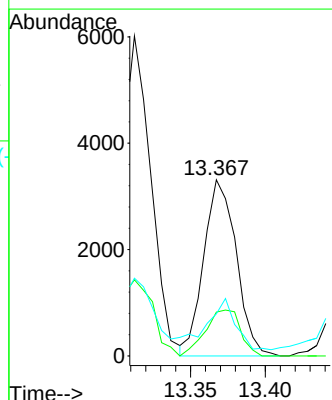
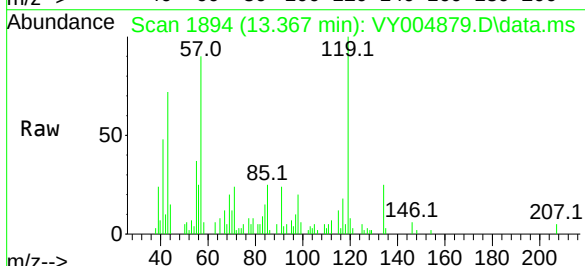
Tgt Ion:119 Resp: 5019

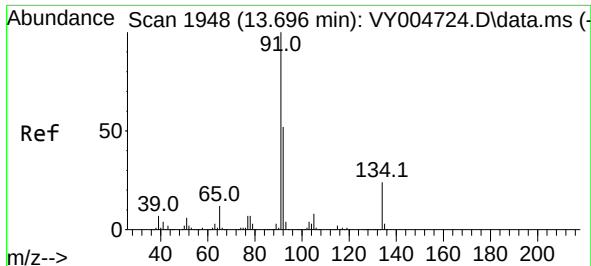
Ion Ratio Lower Upper

119 100

134 28.2 12.9 38.7

91 25.1 12.0 36.1

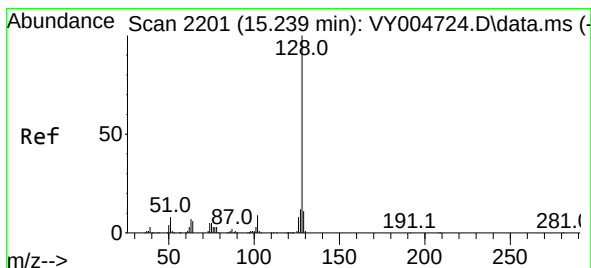
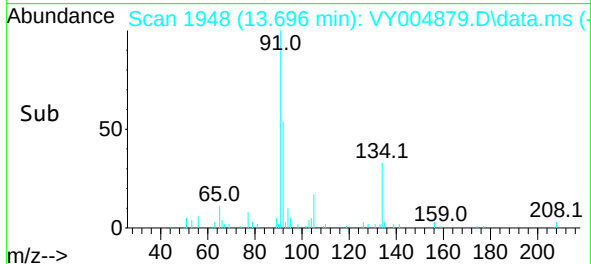
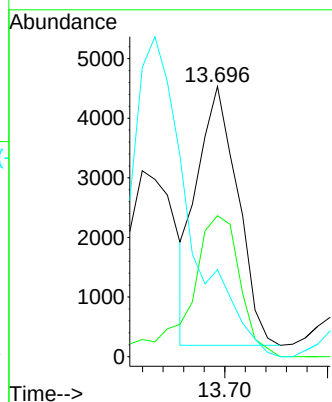
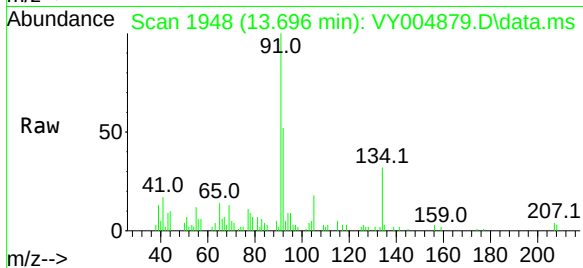




#89
n-Butylbenzene
Concen: 1.36 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY004879.D
Acq: 26 May 2021 12:21

Instrument :
MSVOA_Y
ClientSampleId :
HR-01-052521

Tgt Ion:	91	Resp:	5959
Ion	Ratio	Lower	Upper
91	100		
92	66.7	26.4	79.0
134	0.0	12.6	37.6#



#95
Naphthalene
Concen: 1.63 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.006 min
Lab File: VY004879.D
Acq: 26 May 2021 12:21

Tgt Ion:	128	Resp:	4444
Ion	Ratio	Lower	Upper
128	100		
127	19.4	10.2	15.2#
129	14.8	8.6	13.0#

