

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052721\
 Data File : VY004906.D
 Acq On : 27 May 2021 17:34
 Operator : SY/MD
 Sample : M2535-04
 Misc : 6.27G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GHOST-4D

Manual Integrations
 APPROVED

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 5/28/2021 6:28:07 PM

Quant Time: May 27 17:46:59 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	261491	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	450346	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	406899	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	163738	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	159360	51.20	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.40%			
35) Dibromofluoromethane	7.728	113	130732	53.03	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.06%			
50) Toluene-d8	10.185	98	549924	49.38	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.76%			
62) 4-Bromofluorobenzene	12.483	95	181544	48.30	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 96.60%			
Target Compounds					Qvalue	
16) Acetone	3.948	43	496903	710.76	ug/l #	59
25) 2-Butanone	6.990	43	40596	32.68	ug/l #	71
39) Methylcyclohexane	9.155	83	17298	3.44	ug/l #	17
67) Ethyl Benzene	11.593	91	33824	2.17	ug/l	97
68) m/p-Xylenes	11.703	106	53483	9.15	ug/l	96
73) Isopropylbenzene	12.331	105	38906	3.15	ug/l	98
78) n-propylbenzene	12.672	91	106156	7.04	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	79768	7.78	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	374045m	36.43	ug/l	
89) n-Butylbenzene	13.696	91	24707	2.29	ug/l #	78
95) Naphthalene	15.239	128	134643	20.01	ug/l	98

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

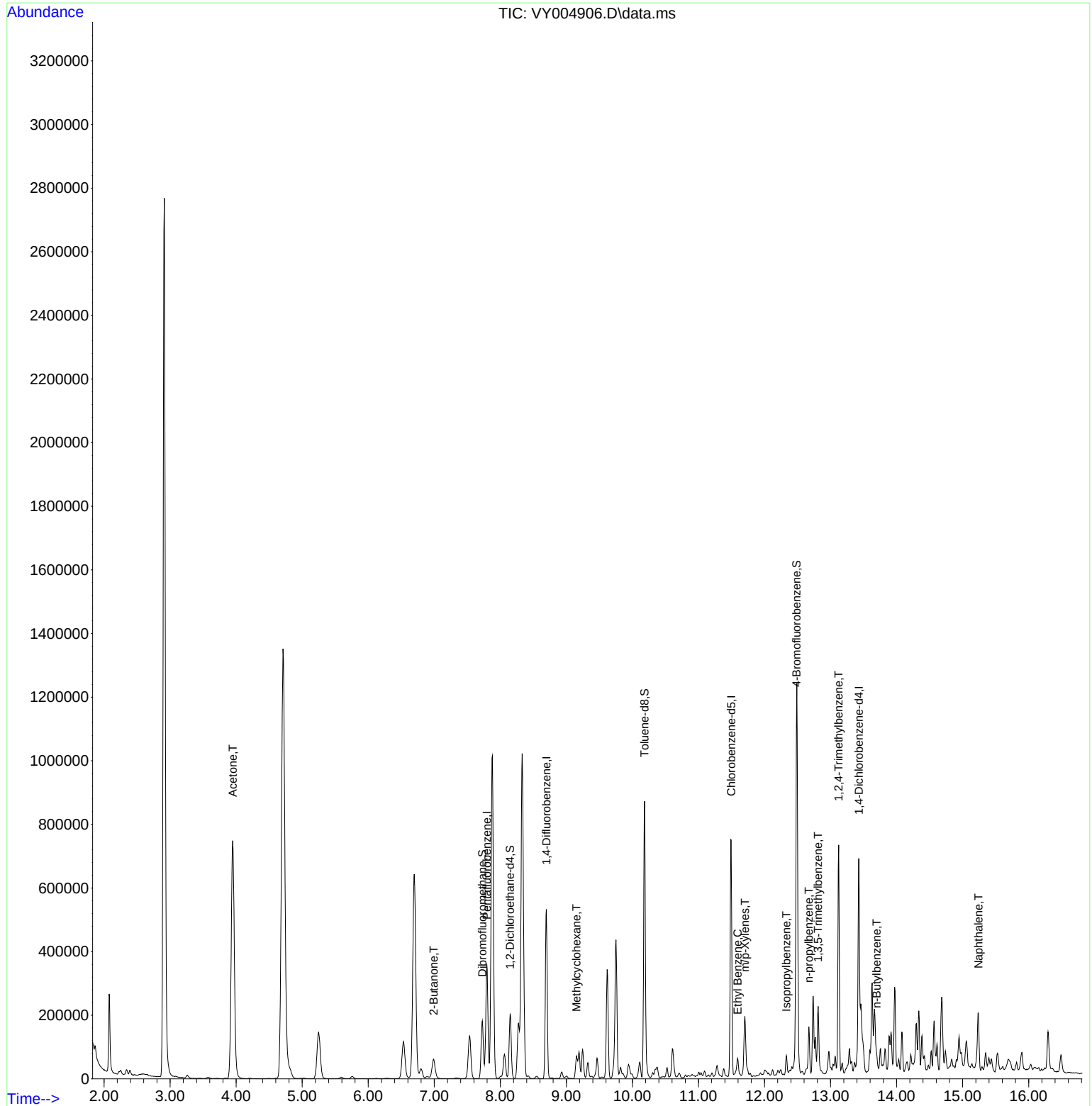
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Data File : VY004906.D
Acq On : 27 May 2021 17:34
Operator : SY/MD
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ALS Vial : 18 Sample Multiplier: 1

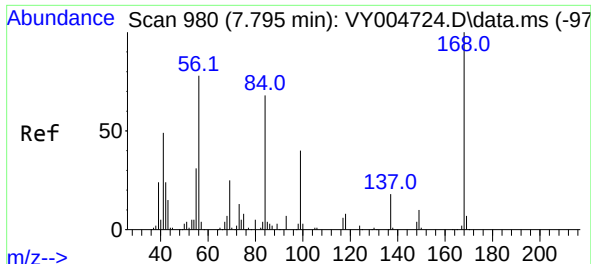
Instrument :
MSVOA_Y
ClientSampleId :
GHOST-4D

Manual Integrations
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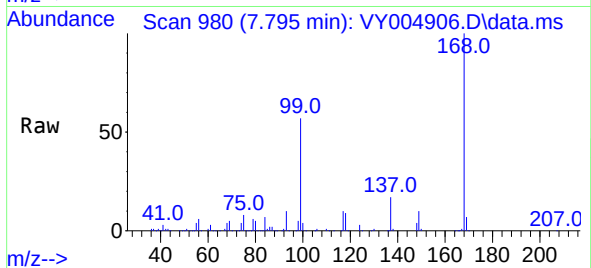
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Quant Time: May 27 17:46:59 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
Quant Title : SW846 8260
QLast Update : Tue May 11 04:13:44 2021
Response via : Initial Calibration

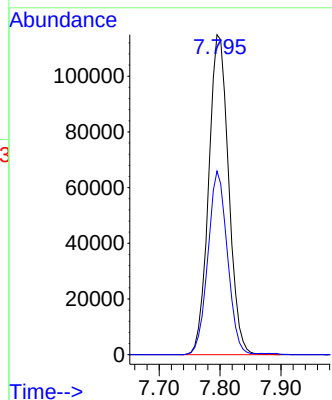
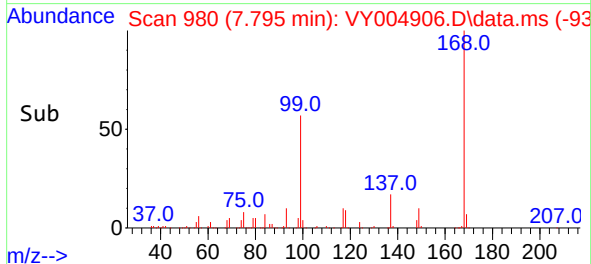




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004906.D
Acq: 27 May 2021 17:34



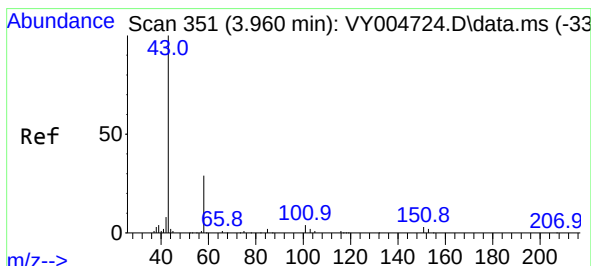
Tgt Ion: 168 Resp: 261491
Ion Ratio Lower Upper
168 100
99 57.4 45.6 68.4



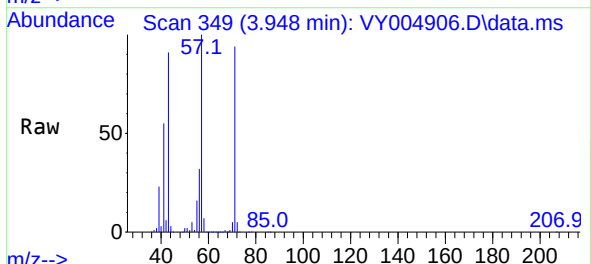
Instrument :
MSVOA_Y
ClientSampleId :
GHOST-4D

Manual Integrations
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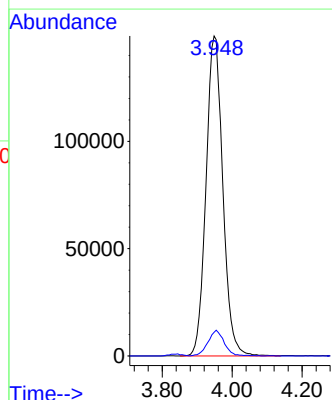
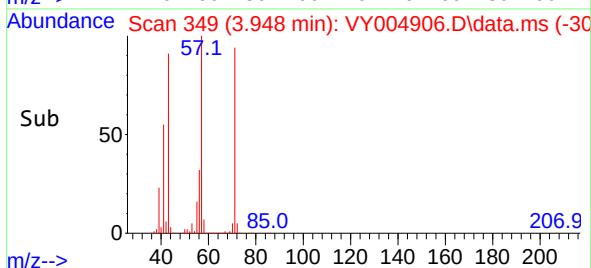
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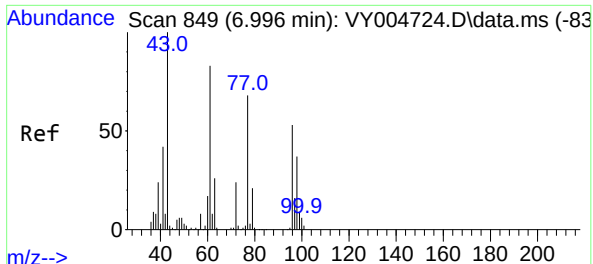


#16
Acetone
Concen: 710.76 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY004906.D
Acq: 27 May 2021 17:34



Tgt Ion: 43 Resp: 496903
Ion Ratio Lower Upper
43 100
58 7.4 23.6 35.4#





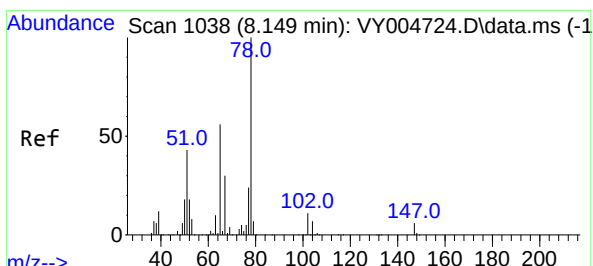
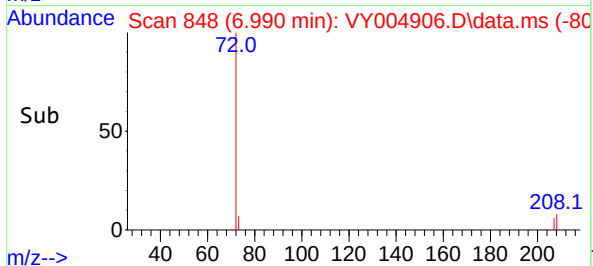
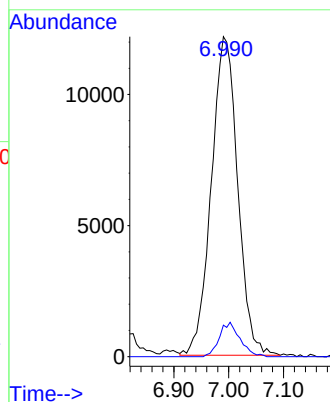
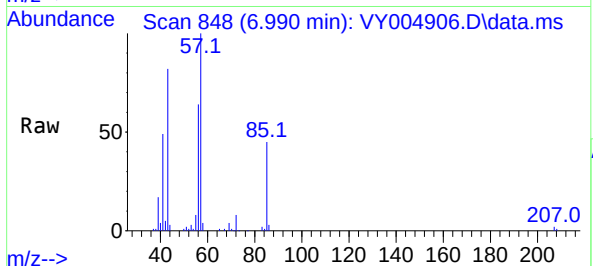
#25
2-Butanone
Concen: 32.68 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.006 min
Lab File: VY004906.D
Acq: 27 May 2021 17:34

Tgt Ion: 43 Resp: 40596
Ion Ratio Lower Upper
43 100
72 9.9 19.4 29.0#

Instrument :
MSVOA_Y
ClientSampled :
GHOST-4D

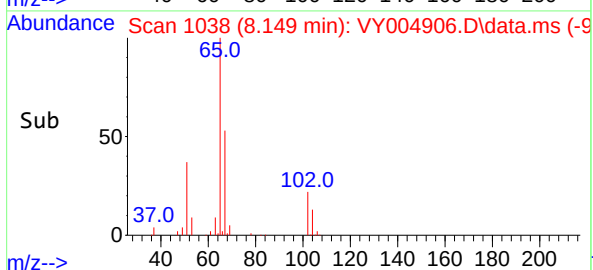
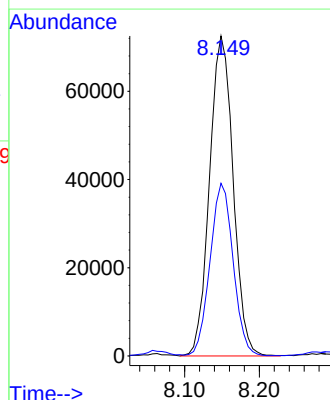
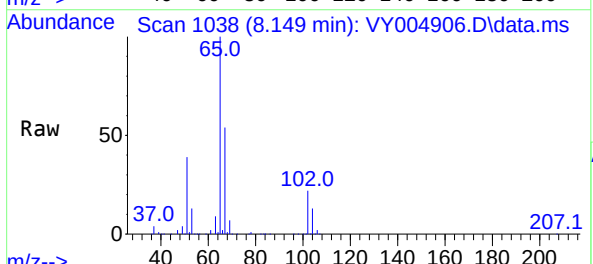
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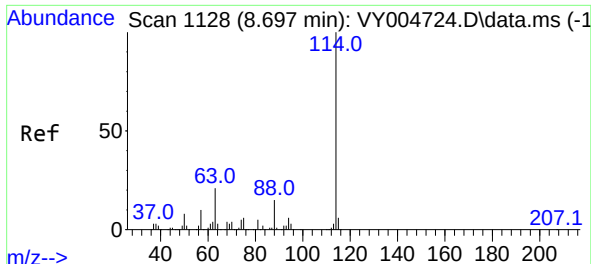
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#33
1,2-Dichloroethane-d4
Concen: 51.20 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004906.D
Acq: 27 May 2021 17:34

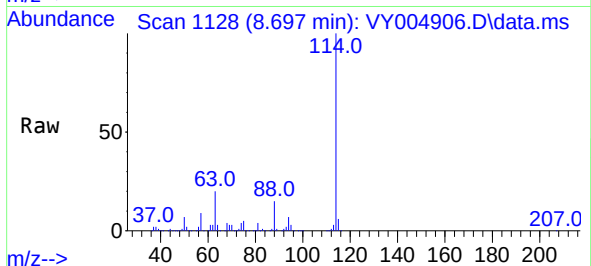
Tgt Ion: 65 Resp: 159360
Ion Ratio Lower Upper
65 100
67 52.9 0.0 108.0





#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004906.D
Acq: 27 May 2021 17:34

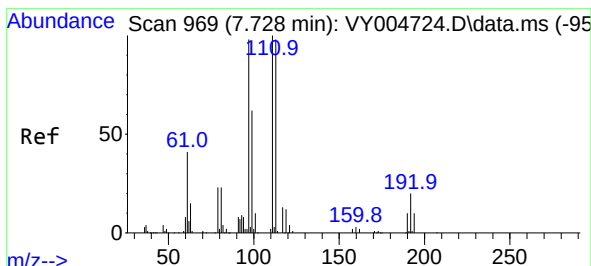
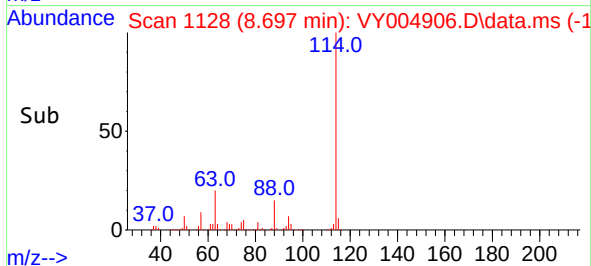
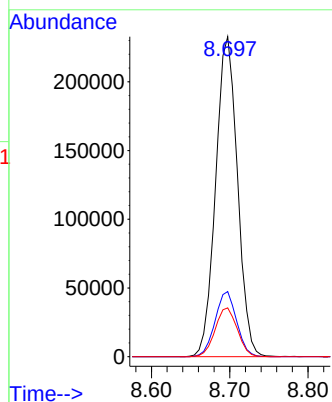
Instrument :
MSVOA_Y
ClientSampled :
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Tgt Ion:114 Resp: 450346
Ion Ratio Lower Upper
114 100
63 20.4 0.0 42.8
88 15.2 0.0 31.0

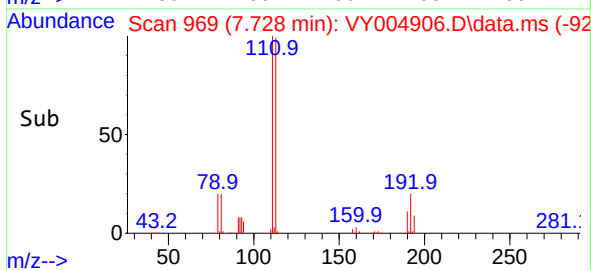
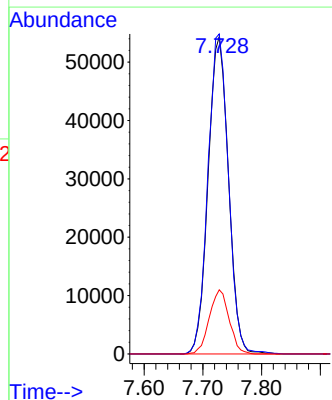
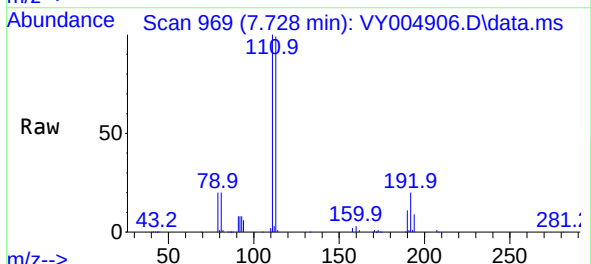
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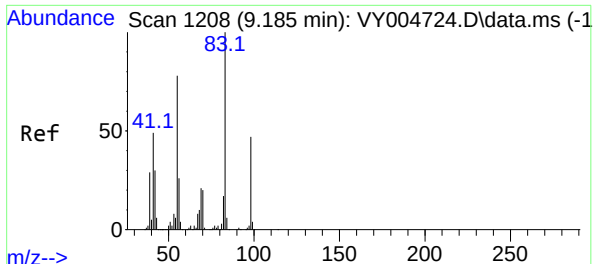
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#35
Dibromofluoromethane
Concen: 53.03 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004906.D
Acq: 27 May 2021 17:34

Tgt Ion:113 Resp: 130732
Ion Ratio Lower Upper
113 100
111 101.5 80.5 120.7
192 19.7 15.0 22.6





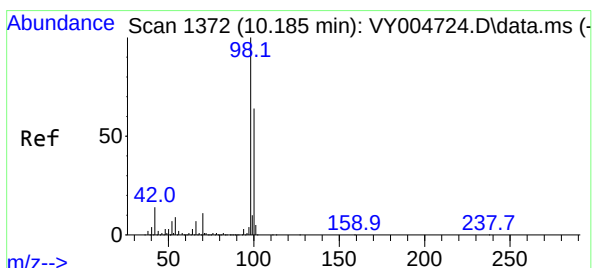
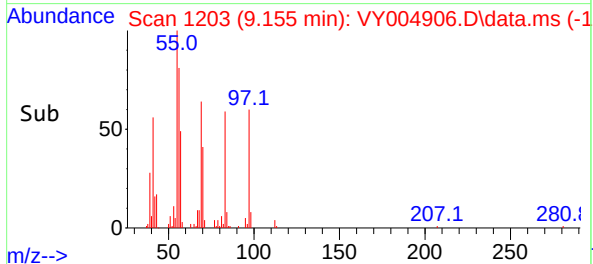
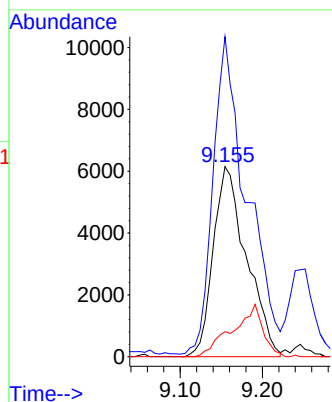
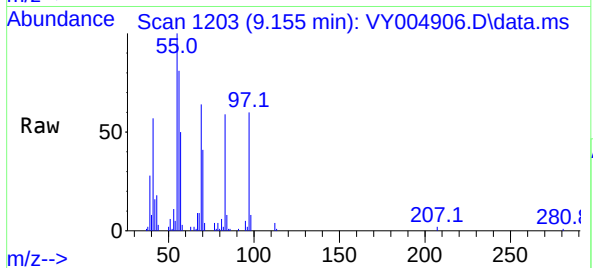
#39
Methylcyclohexane
Concen: 3.44 ug/l
RT: 9.155 min Scan# 1203
Delta R.T. -0.031 min
Lab File: VY004906.D
Acq: 27 May 2021 17:34

Tgt Ion: 83 Resp: 17298
Ion Ratio Lower Upper
83 100
55 167.0 62.6 94.0#
98 13.1 37.8 56.6#

Instrument :
MSVOA_Y
ClientSampleId :
GHOST-4D

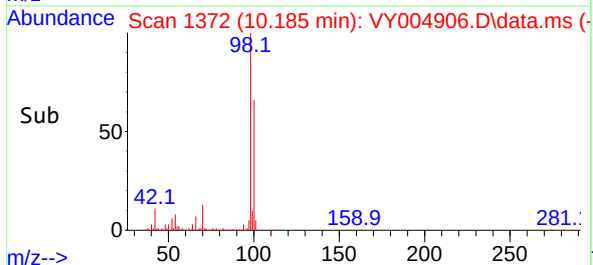
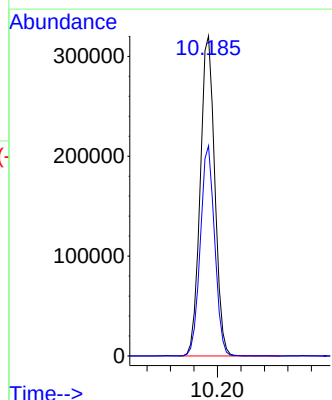
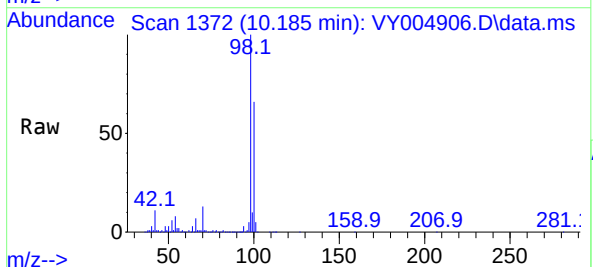
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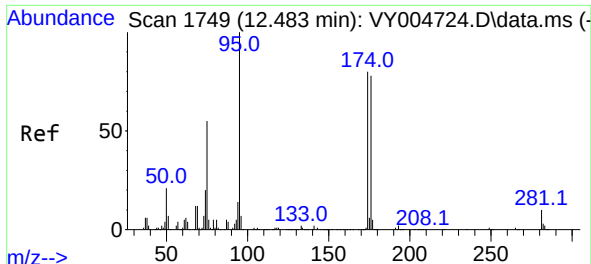
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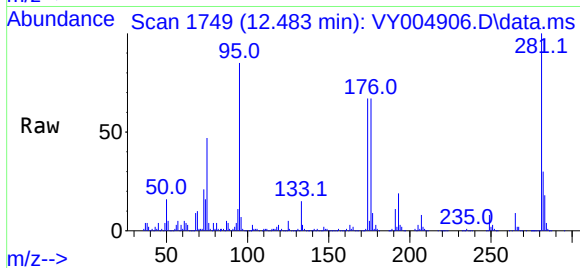
#50
Toluene-d8
Concen: 49.38 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004906.D
Acq: 27 May 2021 17:34

Tgt Ion: 98 Resp: 549924
Ion Ratio Lower Upper
98 100
100 64.7 51.5 77.3

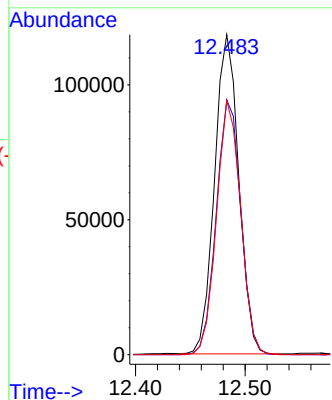
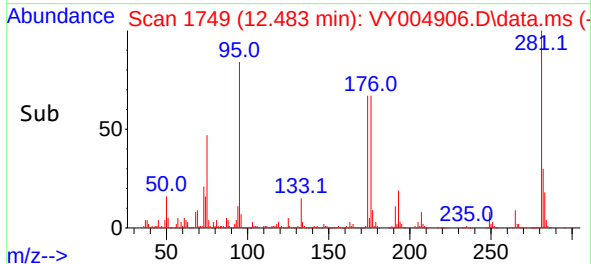




#62
4-Bromofluorobenzene
Concen: 48.30 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004906.D
Acq: 27 May 2021 17:34



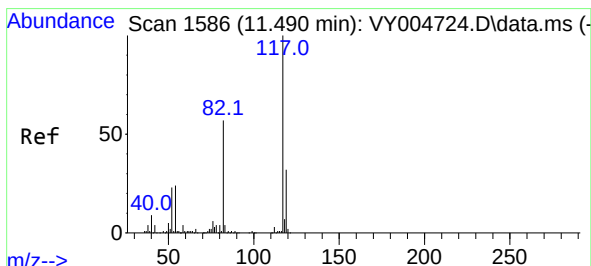
Tgt Ion: 95 Resp: 181544
Ion Ratio Lower Upper
95 100
174 81.0 0.0 164.2
176 79.1 0.0 159.0



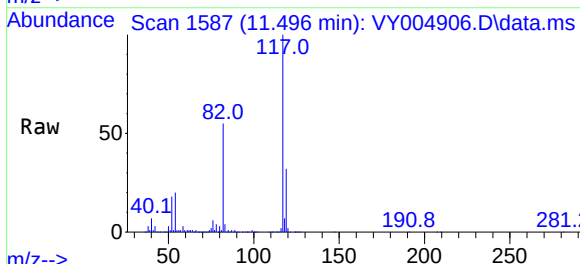
Instrument :
MSVOA_Y
ClientSampleId :
GHOST-4D

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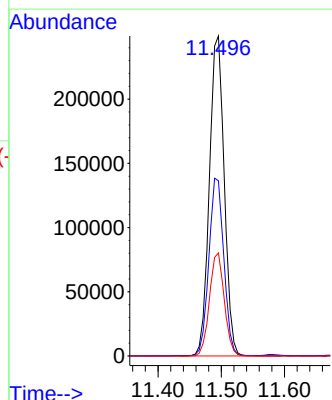
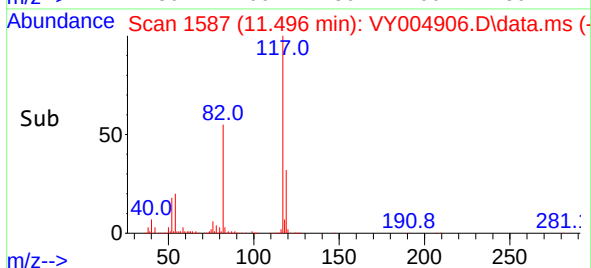
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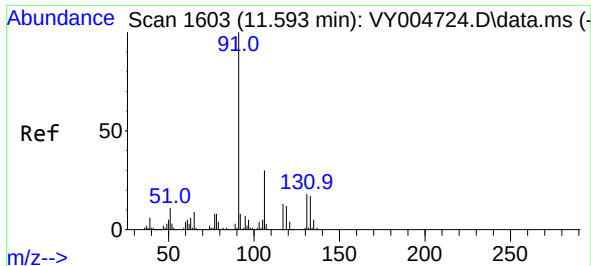


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY004906.D
Acq: 27 May 2021 17:34



Tgt Ion: 117 Resp: 406899
Ion Ratio Lower Upper
117 100
82 54.6 45.4 68.2
119 32.2 25.8 38.6





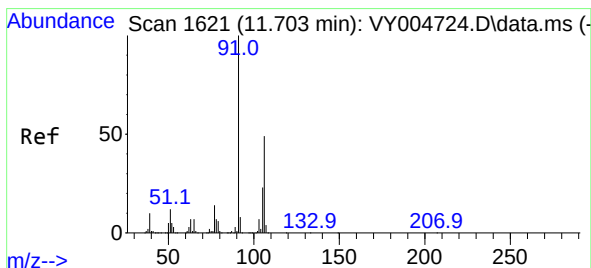
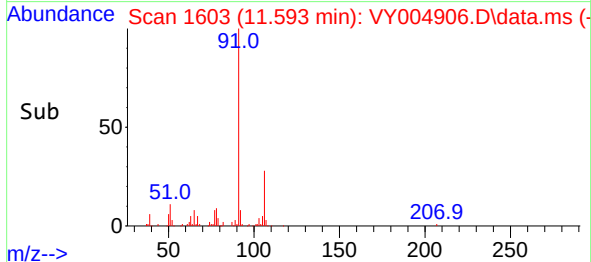
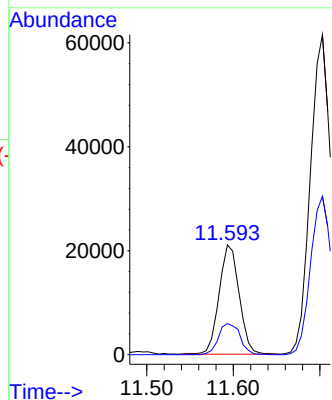
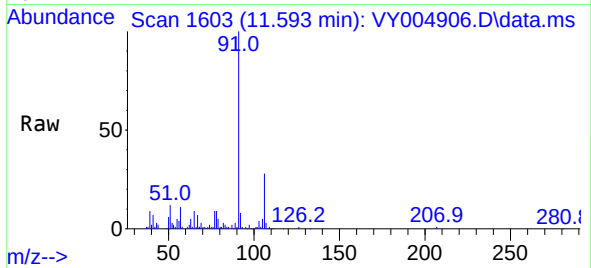
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Ethyl Benzene
Concen: 2.17 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY004906.D
Acq: 27 May 2021 17:34

Tgt Ion: 91 Resp: 33824
Ion Ratio Lower Upper
91 100
106 28.5 24.0 36.0

Instrument :
MSVOA_Y
ClientSampleId :
GHOST-4D

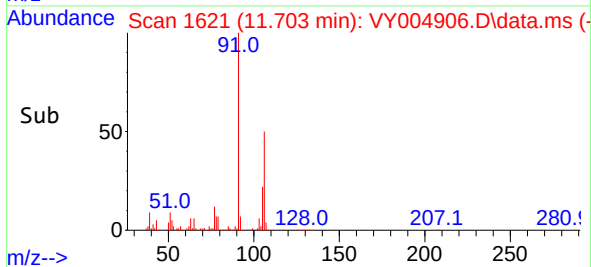
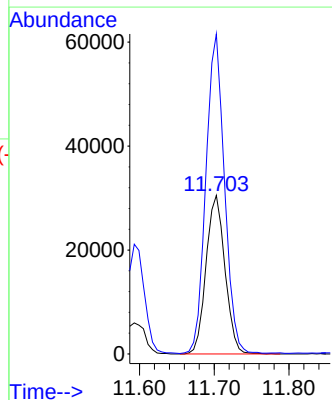
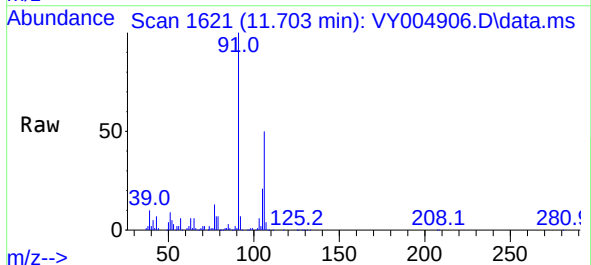
Manual Integrations
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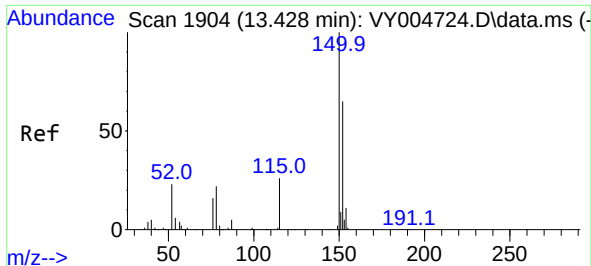
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#68
m/p-Xylenes
Concen: 9.15 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY004906.D
Acq: 27 May 2021 17:34

Tgt Ion: 106 Resp: 53483
Ion Ratio Lower Upper
106 100
91 197.7 163.6 245.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004906.D
Acq: 27 May 2021 17:34

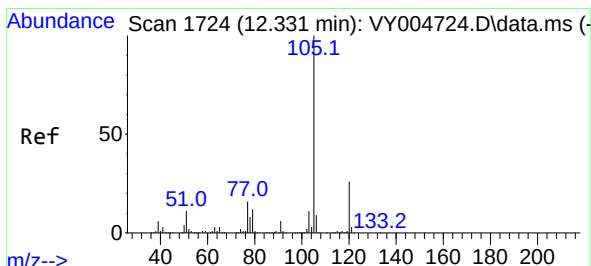
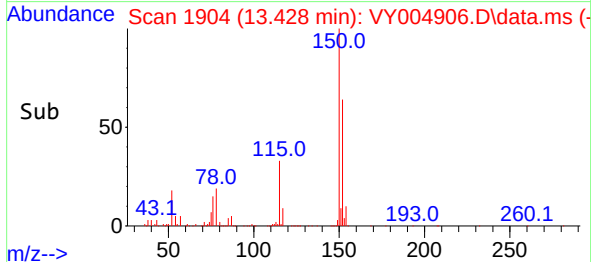
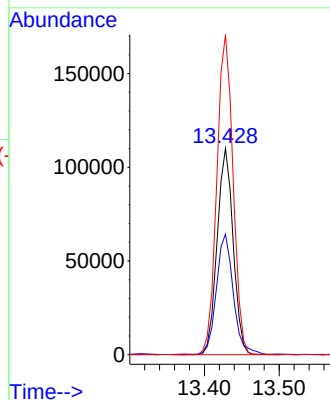
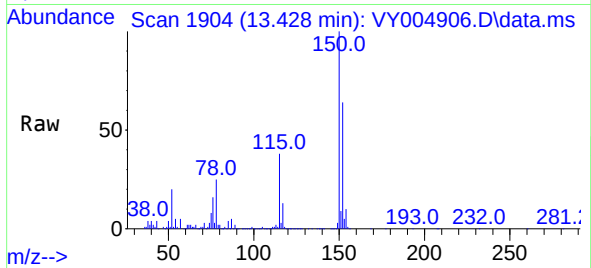
Tgt Ion:152 Resp: 163738

Ion	Ratio	Lower	Upper
152	100		
115	61.0	29.4	88.3
150	157.1	0.0	349.8

Instrument :
MSVOA_Y
ClientSampled :
GHOST-4D

Manual Integrations
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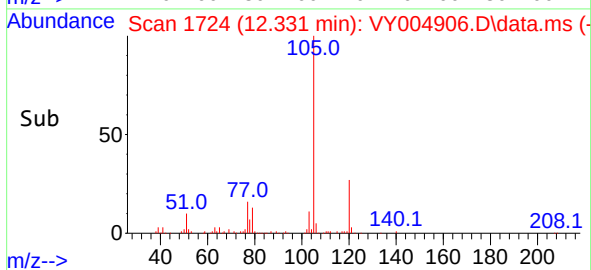
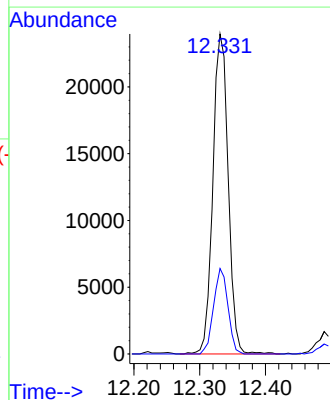
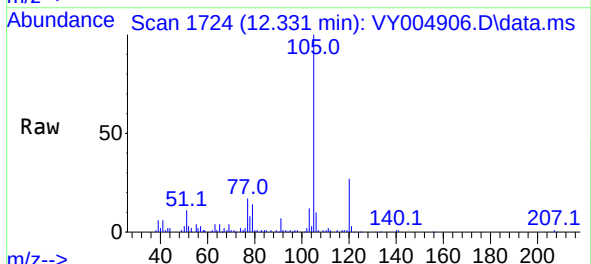
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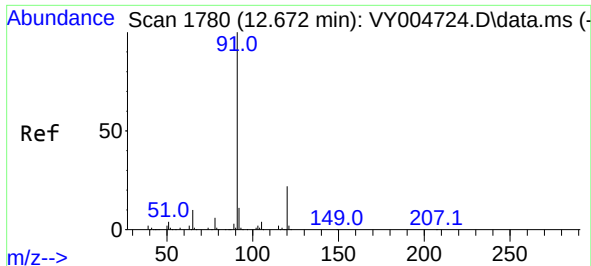


#73
Isopropylbenzene
Concen: 3.15 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY004906.D
Acq: 27 May 2021 17:34

Tgt Ion:105 Resp: 38906

Ion	Ratio	Lower	Upper
105	100		
120	24.9	13.1	39.1





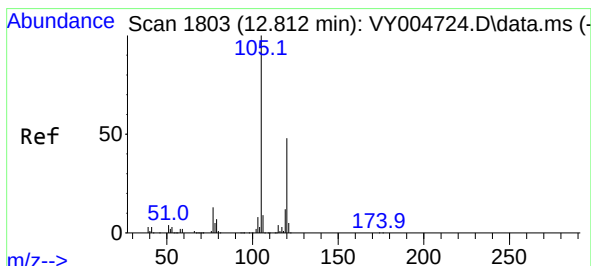
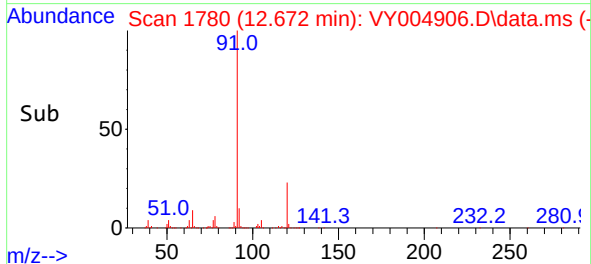
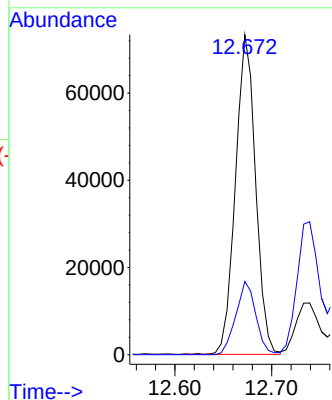
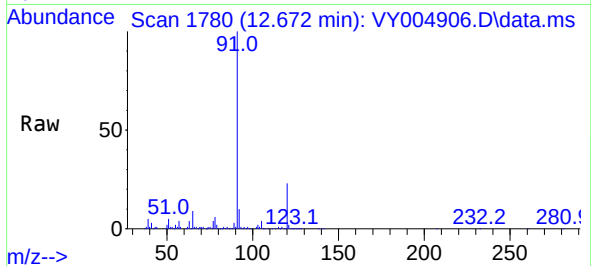
#78
n-propylbenzene
Concen: 7.04 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY004906.D
Acq: 27 May 2021 17:34

Tgt Ion: 91 Resp: 106156
Ion Ratio Lower Upper
91 100
120 22.7 11.1 33.3

Instrument :
MSVOA_Y
ClientSampleId :
GHOST-4D

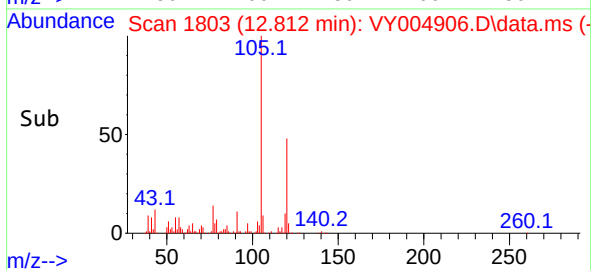
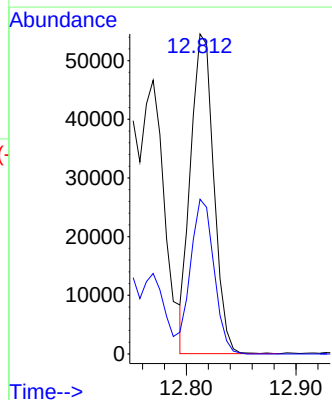
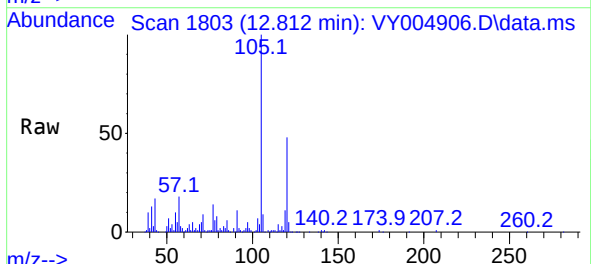
Manual Integrations
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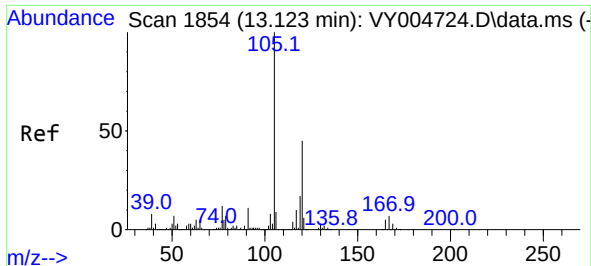
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#80
1,3,5-Trimethylbenzene
Concen: 7.78 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY004906.D
Acq: 27 May 2021 17:34

Tgt Ion: 105 Resp: 79768
Ion Ratio Lower Upper
105 100
120 50.0 24.0 72.0





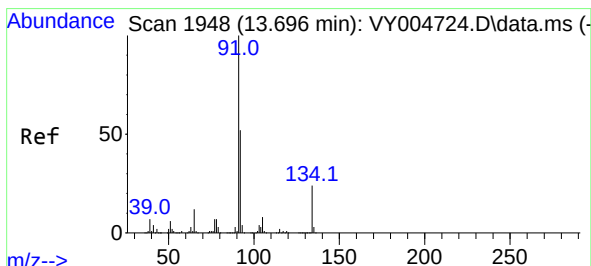
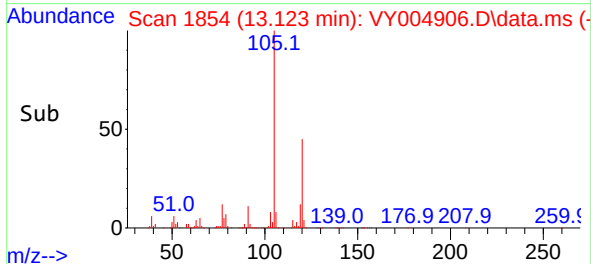
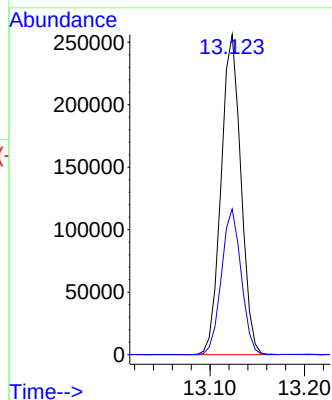
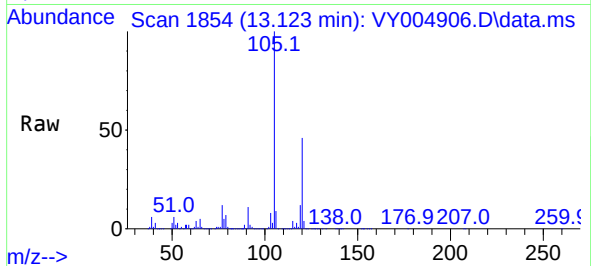
#84
1,2,4-Trimethylbenzene
Concen: 36.43 ug/l m
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY004906.D
Acq: 27 May 2021 17:34

Tgt Ion: 105 Resp: 374045
Ion Ratio Lower Upper
105 100
120 45.3 22.5 67.5

Instrument :
MSVOA_Y
ClientSampled :
GHOST-4D

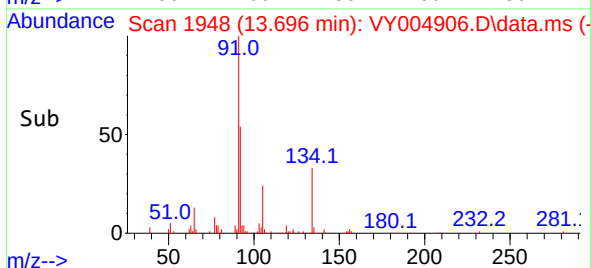
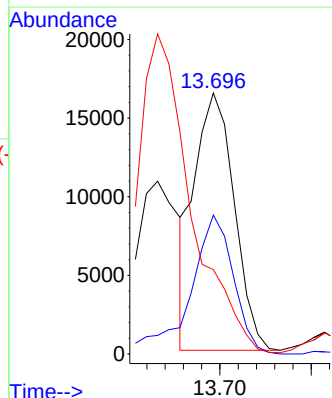
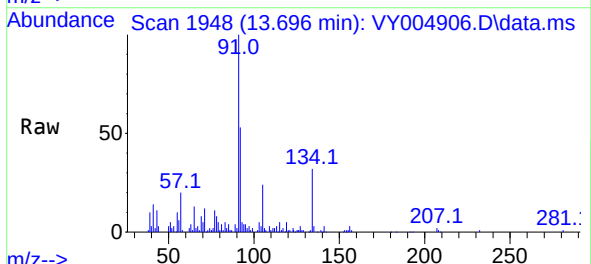
Manual Integrations
APPROVED

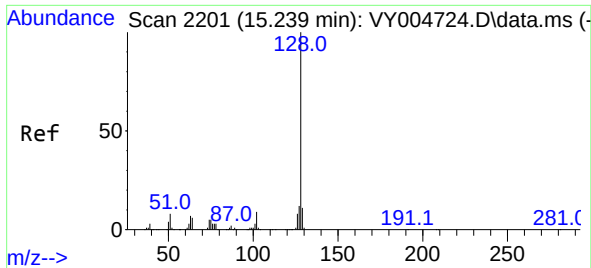
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#89
n-Butylbenzene
Concen: 2.29 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY004906.D
Acq: 27 May 2021 17:34

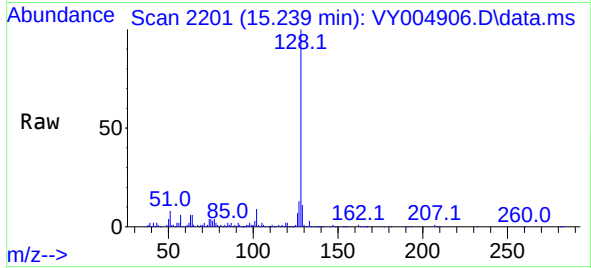
Tgt Ion: 91 Resp: 24707
Ion Ratio Lower Upper
91 100
92 58.7 26.4 79.0
134 0.0 12.6 37.6#





#95
Naphthalene
Concen: 20.01 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY004906.D
Acq: 27 May 2021 17:34

Instrument :
MSVOA_Y
ClientSampleId :
GHOST-4D



Tgt Ion:128 Resp: 134643
Ion Ratio Lower Upper
128 100
127 13.7 10.2 15.2
129 11.3 8.6 13.0

Manual Integrations
APPROVED

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5/28/2021 6:28:07 PM

