

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052721\
 Data File : VY004903.D
 Acq On : 27 May 2021 16:10
 Operator : SY/MD
 Sample : M2535-05
 Misc : 4.42G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GHOST-5D

Manual Integrations
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 5/28/2021 6:28:05 PM

Quant Time: May 27 16:27:56 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	7.801	168	244001	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	434383	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	363153	50.00	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	219676	50.00	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	147112	50.65	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.30%			
35) Dibromofluoromethane	7.728	113	108543	45.64	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 91.28%			
50) Toluene-d8	10.185	98	1313634	122.28	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 244.56%#			
62) 4-Bromofluorobenzene	12.483	95	443130	122.22	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 244.44%#			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.972	59	14762	50.58	ug/l #	71
16) Acetone	3.954	43	324904	498.05	ug/l #	67
25) 2-Butanone	6.990	43	108319	93.46	ug/l #	67
31) Cyclohexane	7.789	56	3605568	766.93	ug/l #	90
39) Methylcyclohexane	9.191	83	10987481	2263.28	ug/l	89
40) Benzene	8.167	78	2381178	189.21	ug/l	99
52) Toluene	10.252	92	115782	14.57	ug/l	93
67) Ethyl Benzene	11.599	91	9585032	690.26	ug/l	93
68) m/p-Xylenes	11.709	106	1621650	310.82	ug/l	96
73) Isopropylbenzene	12.337	105	9329082	562.94	ug/l	96
78) n-propylbenzene	12.672	91	20432367	1010.30	ug/l #	56
80) 1,3,5-Trimethylbenzene	12.819	105	4360423	316.81	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	20665488m	1500.14	ug/l	
85) sec-Butylbenzene	13.264	105	4769672	279.21	ug/l #	57
86) p-Isopropyltoluene	13.379	119	1392807	94.06	ug/l	95
89) n-Butylbenzene	13.709	91	11282002	779.30	ug/l #	75
95) Naphthalene	15.239	128	3896499	431.70	ug/l	98

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

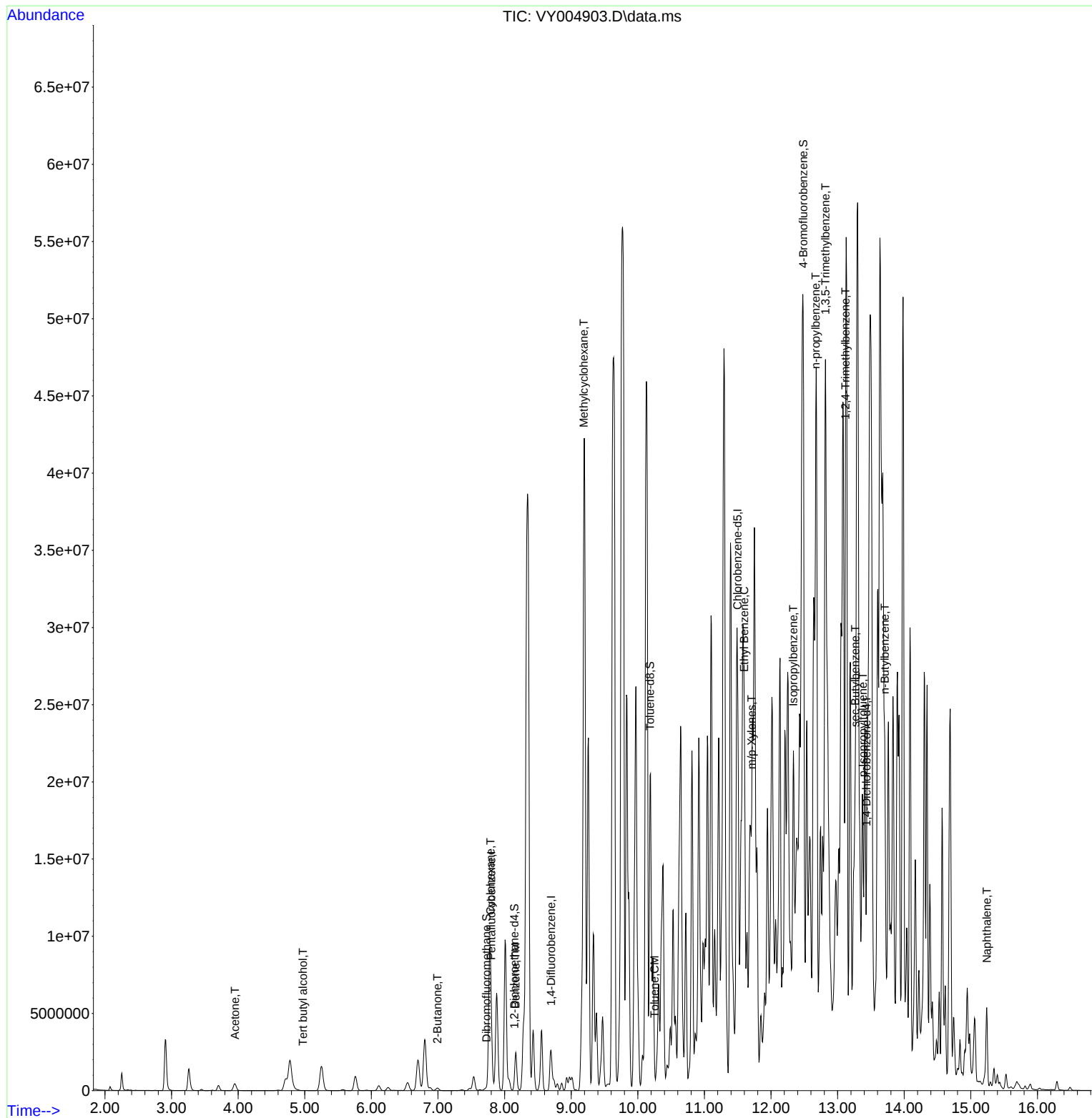
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052721\
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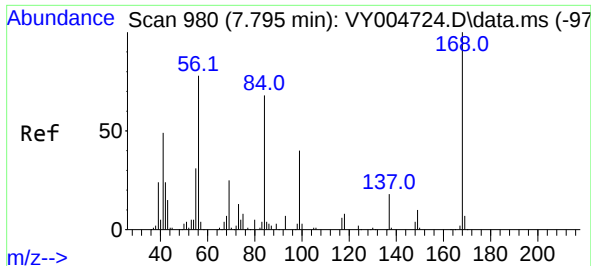
Instrument :
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Quant Title : SW846 8260
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Response via : Initial Calibration





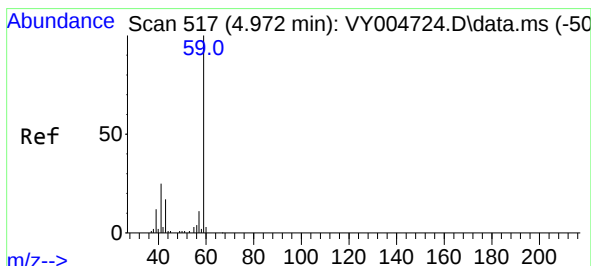
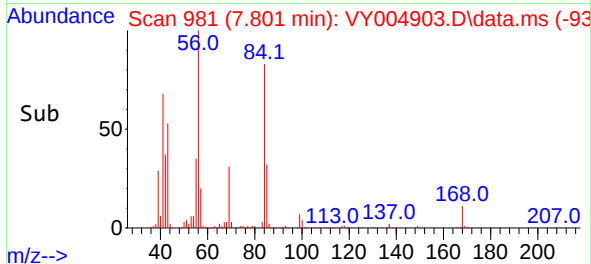
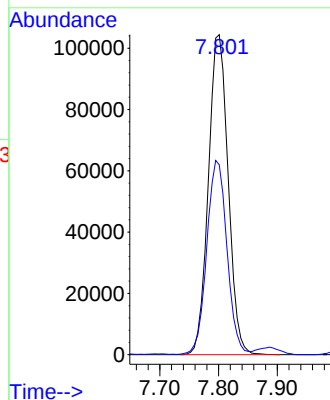
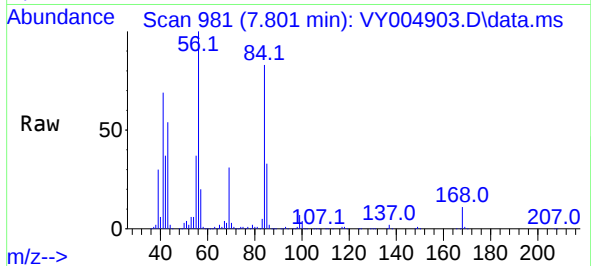
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004903.D
Acq: 27 May 2021 16:10

Tgt Ion: 168 Resp: 244001
Ion Ratio Lower Upper
168 100
99 59.2 45.6 68.4

Instrument :
MSVOA_Y
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GHOST-5D

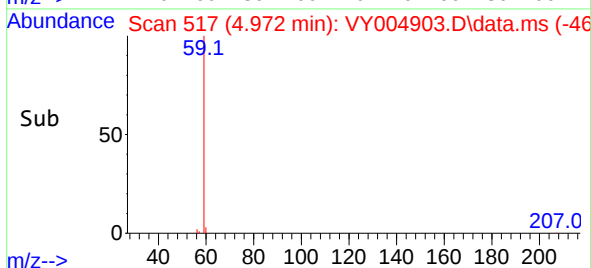
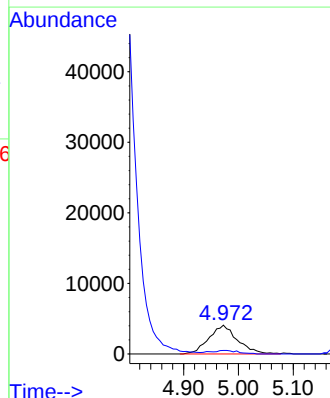
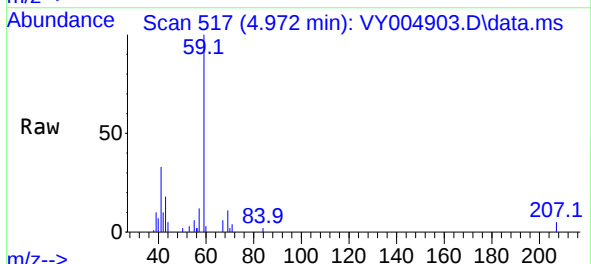
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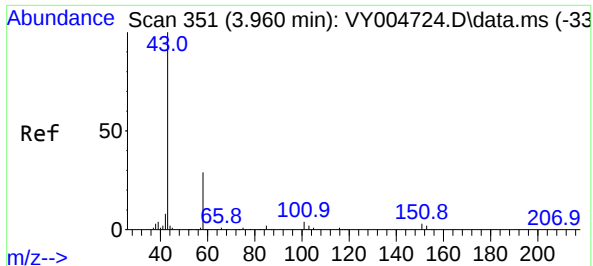
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#11
Tert butyl alcohol
Concen: 50.58 ug/l
RT: 4.972 min Scan# 517
Delta R.T. 0.000 min
Lab File: VY004903.D
Acq: 27 May 2021 16:10

Tgt Ion: 59 Resp: 14762
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#





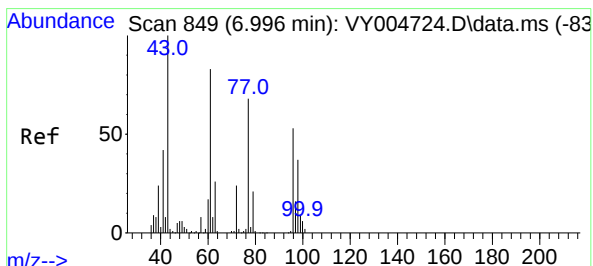
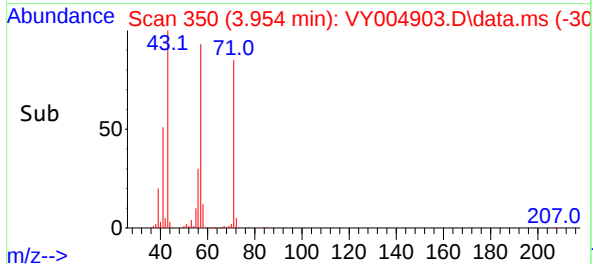
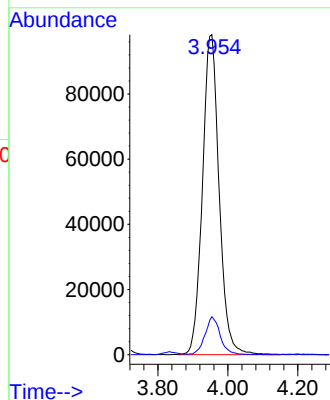
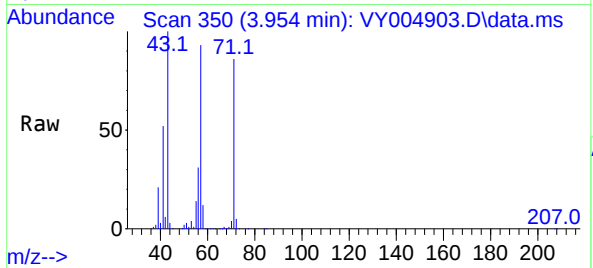
#16
Acetone
Concen: 498.05 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY004903.D
Acq: 27 May 2021 16:10

Tgt Ion: 43 Resp: 324904
Ion Ratio Lower Upper
43 100
58 11.8 23.6 35.4#

Instrument :
MSVOA_Y
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GHOST-5D

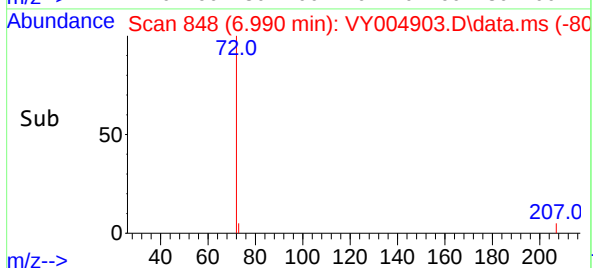
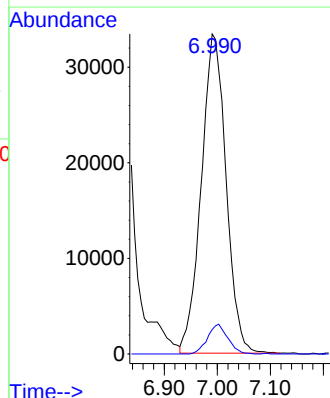
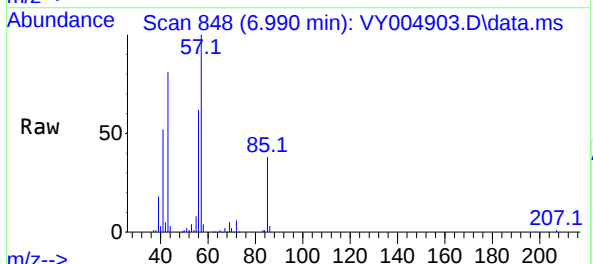
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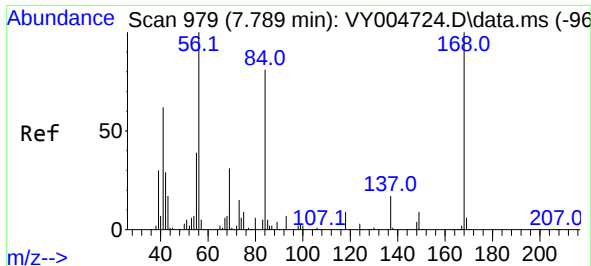
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#25
2-Butanone
Concen: 93.46 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.006 min
Lab File: VY004903.D
Acq: 27 May 2021 16:10

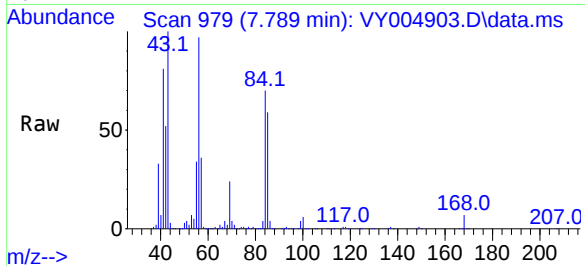
Tgt Ion: 43 Resp: 108319
Ion Ratio Lower Upper
43 100
72 7.7 19.4 29.0#





#31
Cyclohexane
Concen: 766.93 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY004903.D
Acq: 27 May 2021 16:10

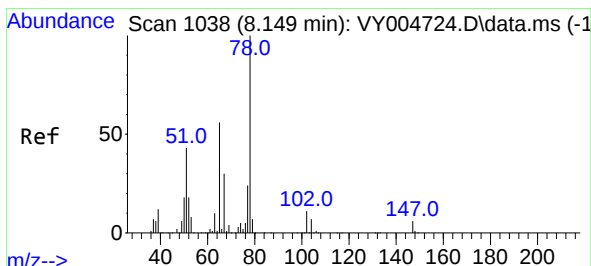
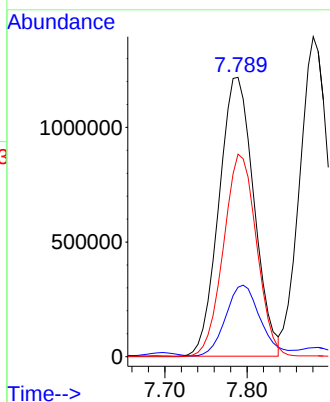
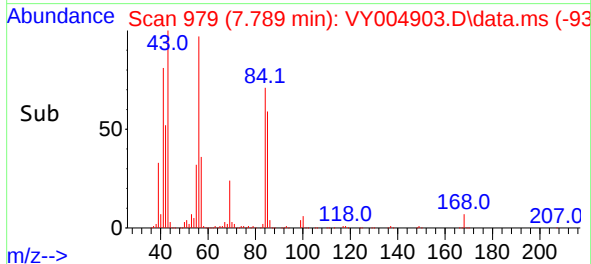
Instrument :
MSVOA_Y
ClientSampleId :
GHOST-5D



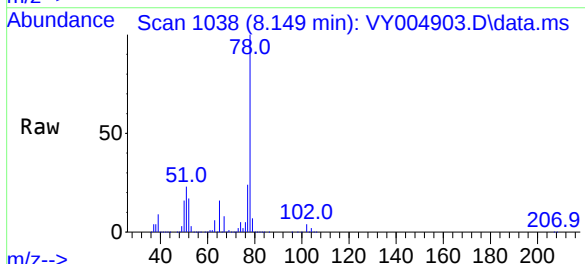
Tgt Ion: 56 Resp: 3605568
Ion Ratio Lower Upper
56 100
69 24.1 24.4 36.6#
84 72.6 64.8 97.2

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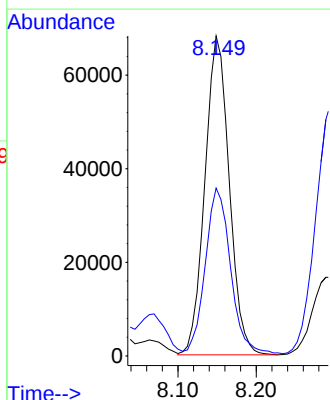
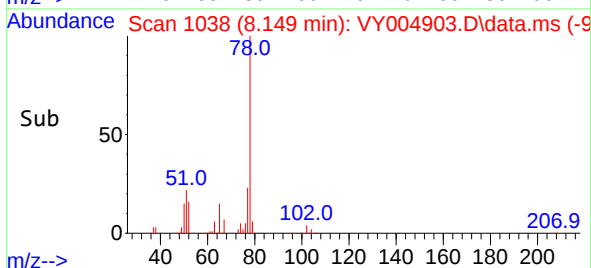
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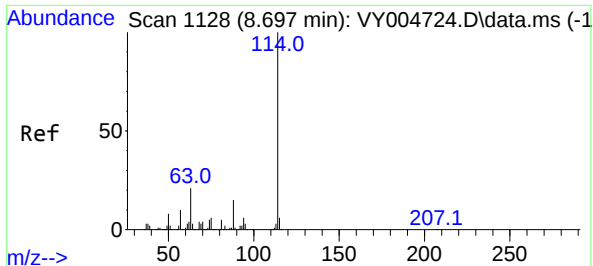


#33
1,2-Dichloroethane-d4
Concen: 50.65 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY004903.D
Acq: 27 May 2021 16:10



Tgt Ion: 65 Resp: 147112
Ion Ratio Lower Upper
65 100
67 53.5 0.0 108.0





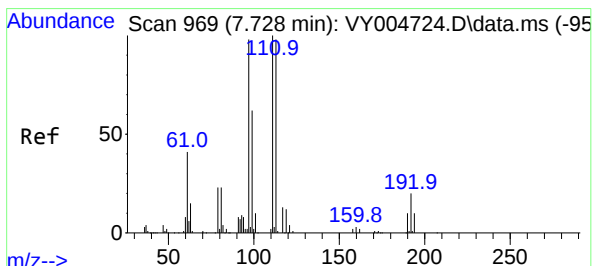
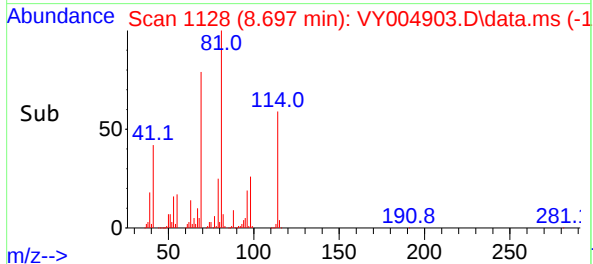
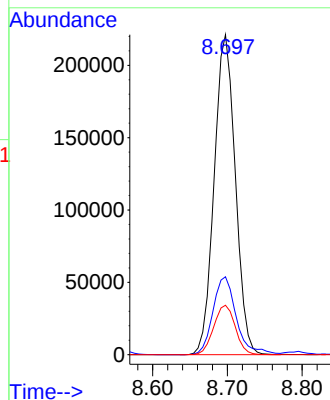
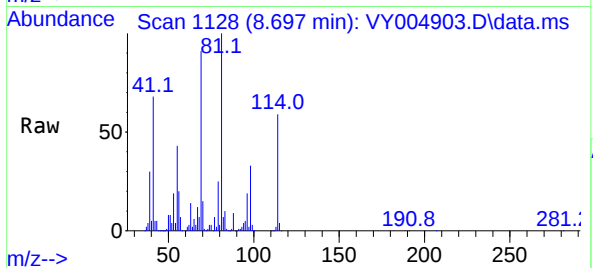
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004903.D
Acq: 27 May 2021 16:10

Tgt Ion:114 Resp: 434383
Ion Ratio Lower Upper
114 100
63 24.4 0.0 42.8
88 15.4 0.0 31.0

Instrument :
MSVOA_Y
ClientSampled :
GHOST-5D

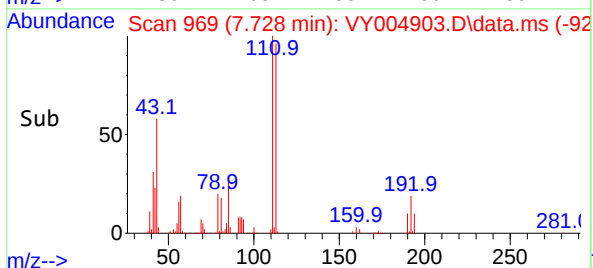
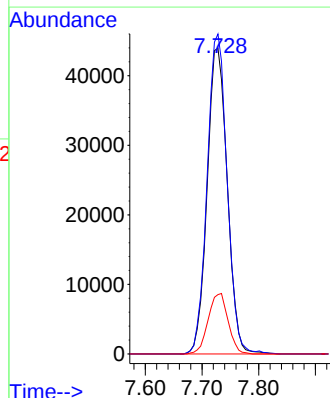
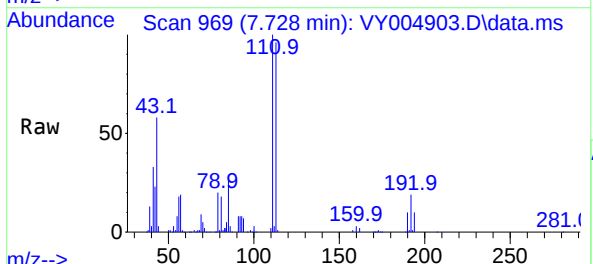
Manual Integrations
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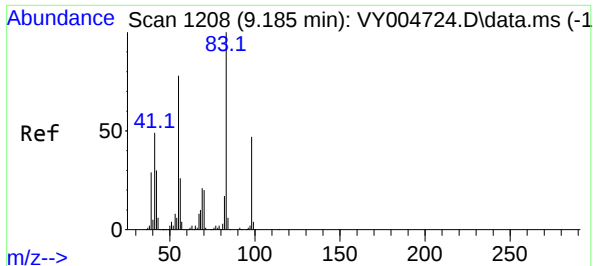
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#35
Dibromofluoromethane
Concen: 45.64 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004903.D
Acq: 27 May 2021 16:10

Tgt Ion:113 Resp: 108543
Ion Ratio Lower Upper
113 100
111 103.9 80.5 120.7
192 19.5 15.0 22.6





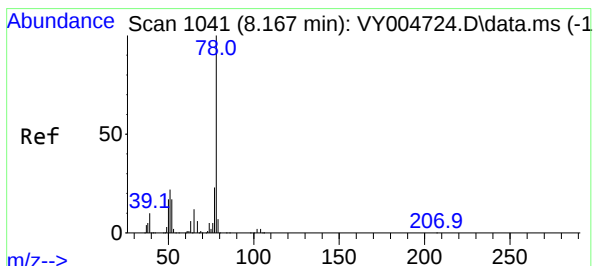
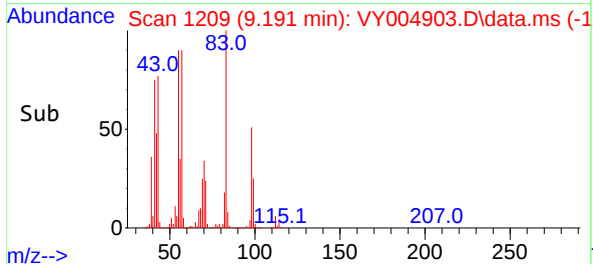
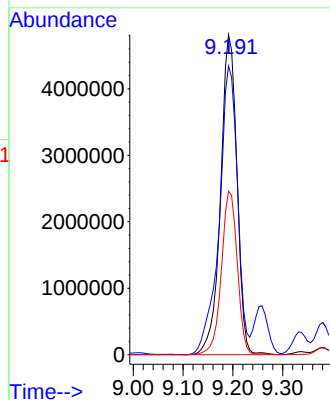
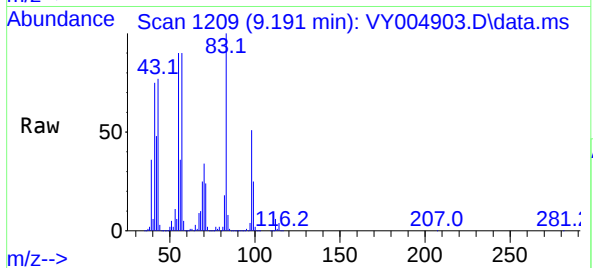
#39
Methylcyclohexane
Concen: 2263.28 ug/l
RT: 9.191 min Scan# 1209
Delta R.T. 0.006 min
Lab File: VY004903.D
Acq: 27 May 2021 16:10

Tgt Ion: 83 Resp:10987481
Ion Ratio Lower Upper
83 100
55 90.2 62.6 94.0
98 51.2 37.8 56.6

Instrument :
MSVOA_Y
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GHOST-5D

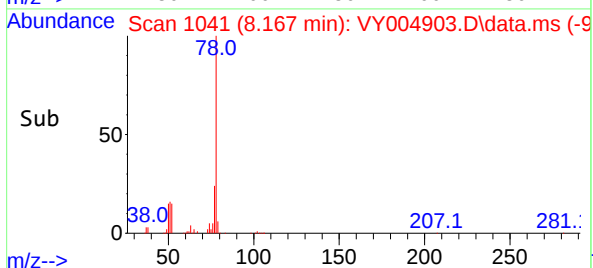
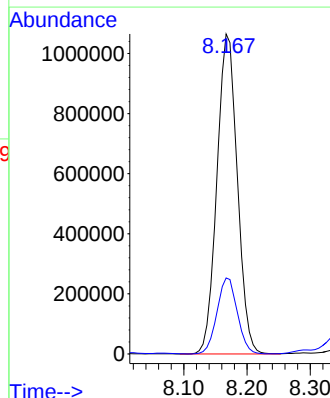
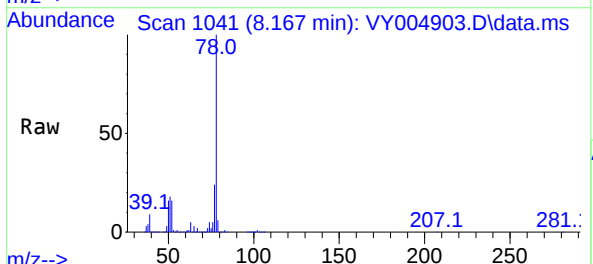
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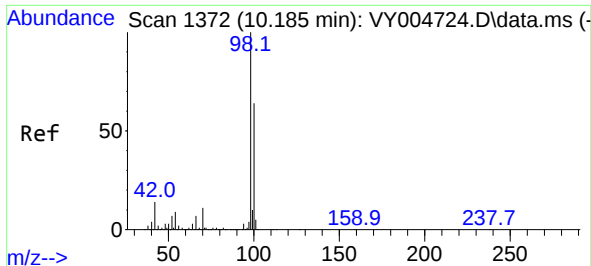
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#40
Benzene
Concen: 189.21 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY004903.D
Acq: 27 May 2021 16:10

Tgt Ion: 78 Resp: 2381178
Ion Ratio Lower Upper
78 100
77 23.7 18.4 27.6





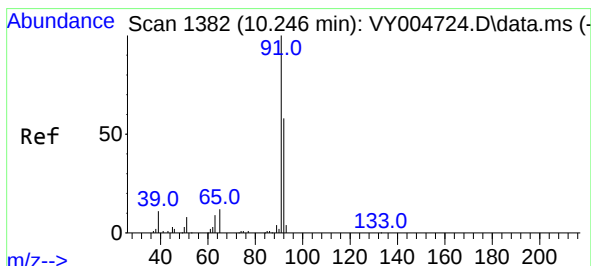
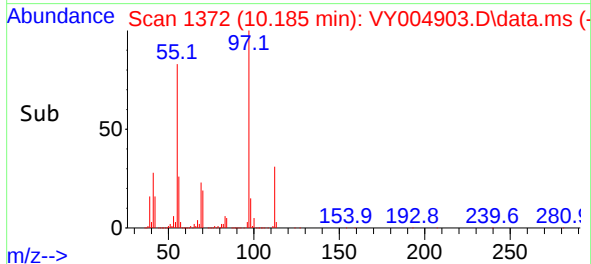
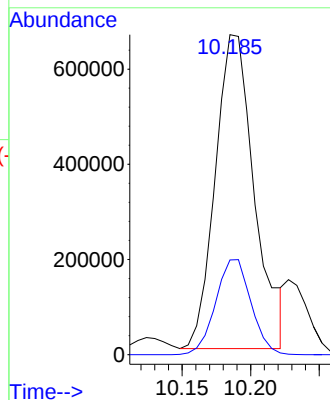
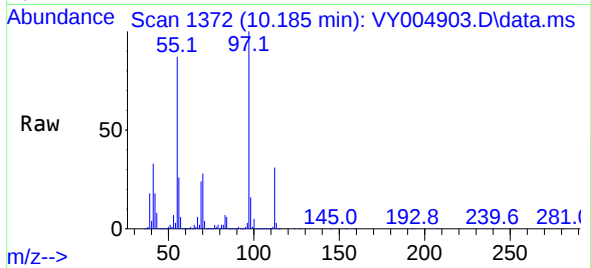
#50
Toluene-d8
Concen: 122.28 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004903.D
Acq: 27 May 2021 16:10

Tgt Ion: 98 Resp: 1313634
Ion Ratio Lower Upper
98 100
100 27.4 51.5 77.3#

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GHOST-5D

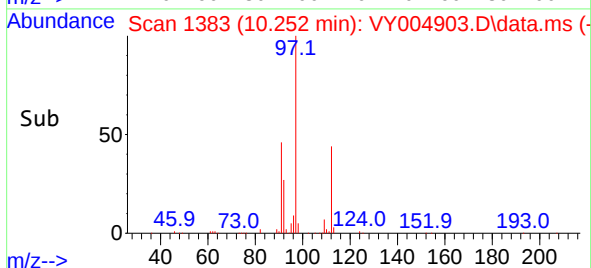
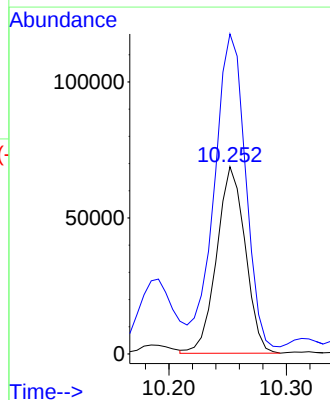
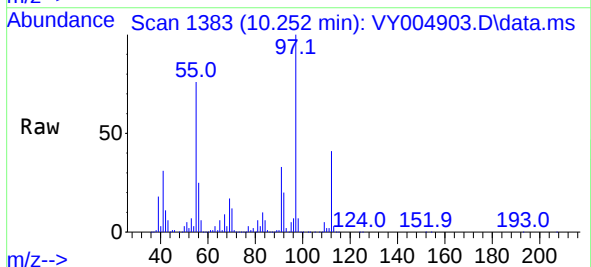
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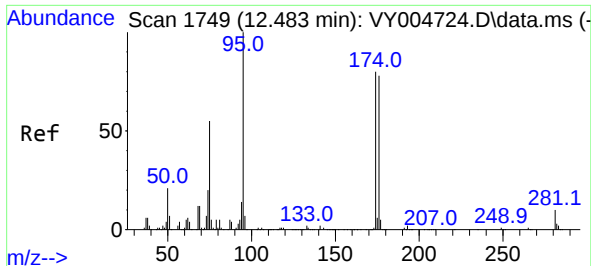
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#52
Toluene
Concen: 14.57 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.006 min
Lab File: VY004903.D
Acq: 27 May 2021 16:10

Tgt Ion: 92 Resp: 115782
Ion Ratio Lower Upper
92 100
91 182.8 138.2 207.4





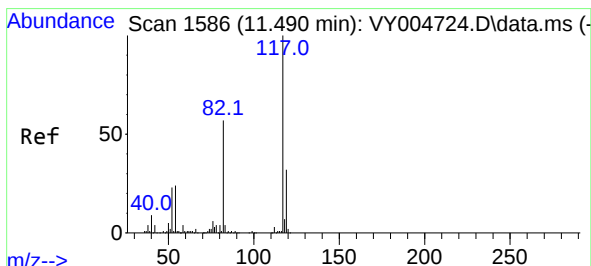
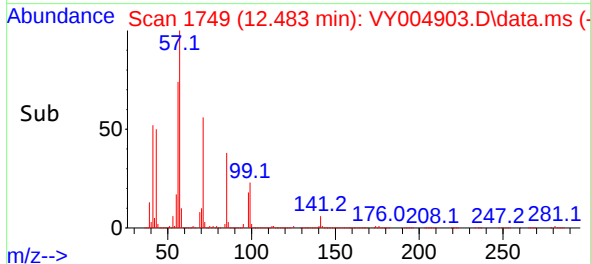
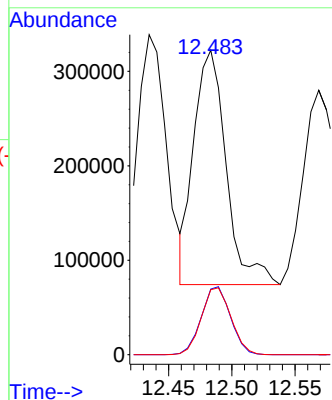
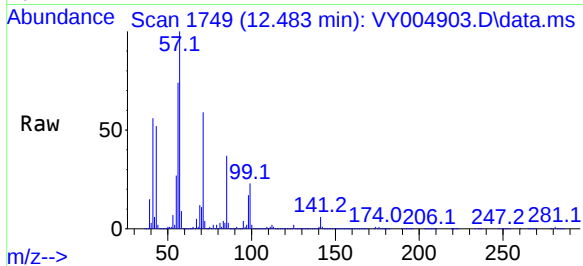
#62
4-Bromofluorobenzene
Concen: 122.22 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004903.D
Acq: 27 May 2021 16:10

Tgt Ion: 95 Resp: 443130
Ion Ratio Lower Upper
95 100
174 26.1 0.0 164.2
176 26.1 0.0 159.0

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ClientSampled :
GHOST-5D

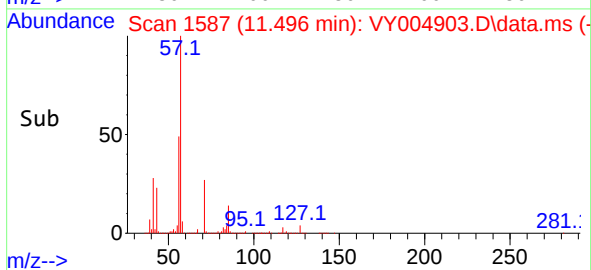
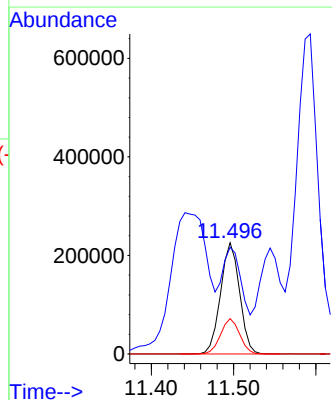
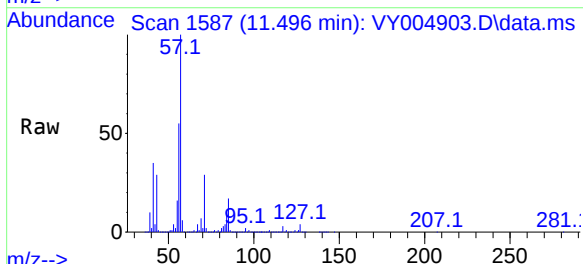
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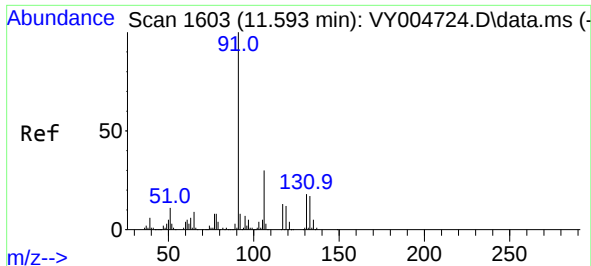
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5/28/2021 6:28:05 PM



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY004903.D
Acq: 27 May 2021 16:10

Tgt Ion: 117 Resp: 363153
Ion Ratio Lower Upper
117 100
82 31.9 45.4 68.2#
119 31.7 25.8 38.6





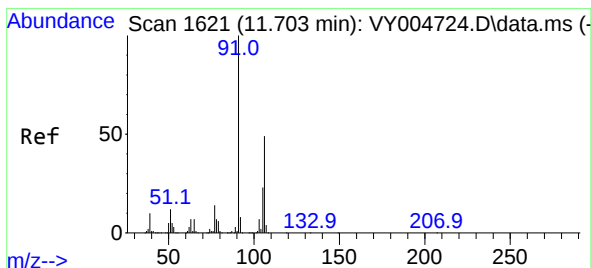
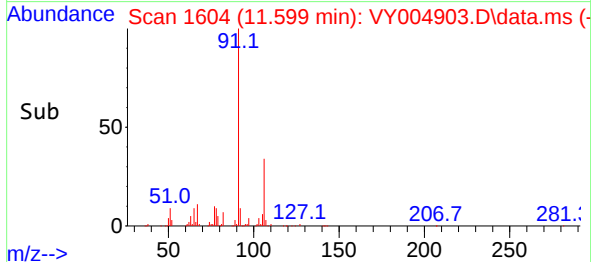
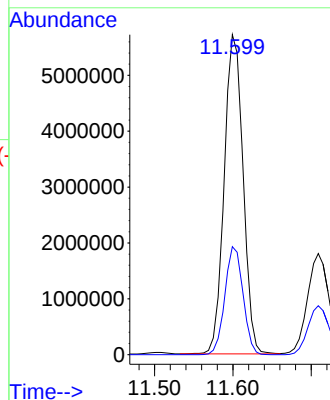
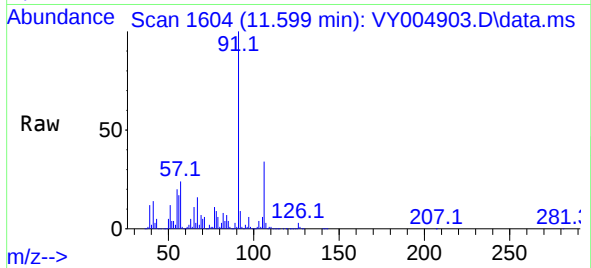
#67
Ethyl Benzene
Concen: 690.26 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY004903.D
Acq: 27 May 2021 16:10

Tgt Ion: 91 Resp: 9585032
Ion Ratio Lower Upper
91 100
106 33.8 24.0 36.0

Instrument :
MSVOA_Y
ClientSampled :
GHOST-5D

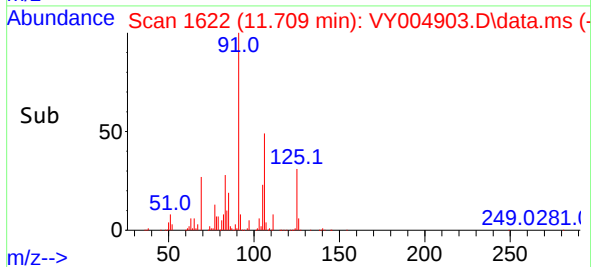
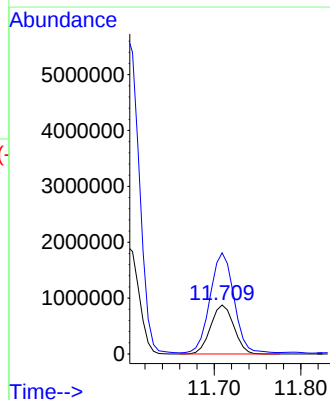
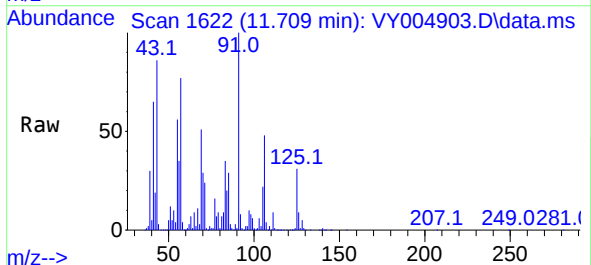
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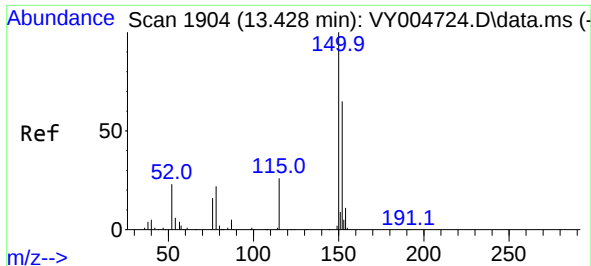
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#68
m/p-Xylenes
Concen: 310.82 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.006 min
Lab File: VY004903.D
Acq: 27 May 2021 16:10

Tgt Ion:106 Resp: 1621650
Ion Ratio Lower Upper
106 100
91 210.5 163.6 245.4





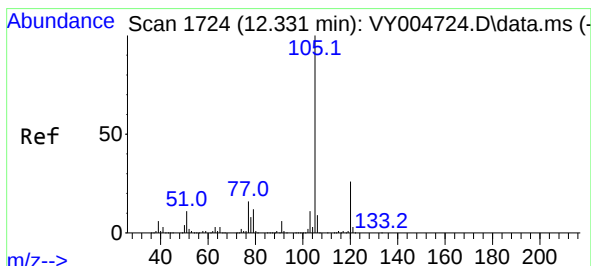
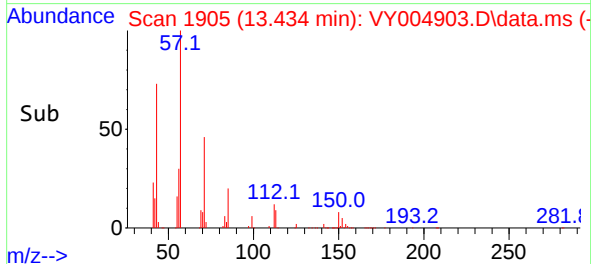
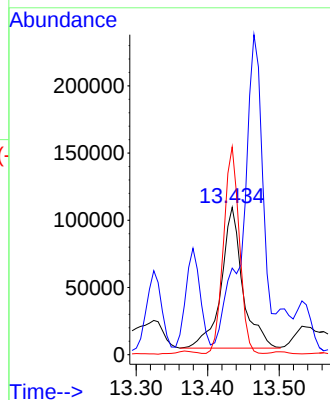
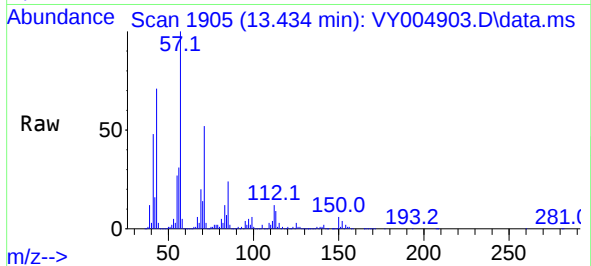
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY004903.D
Acq: 27 May 2021 16:10

Tgt Ion:152 Resp: 219676
Ion Ratio Lower Upper
152 100
115 0.0 29.4 88.3#
150 107.1 0.0 349.8

Instrument :
MSVOA_Y
ClientSampled :
GHOST-5D

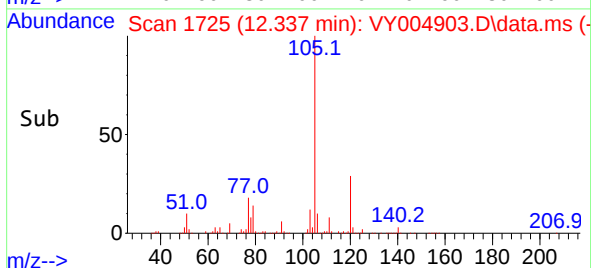
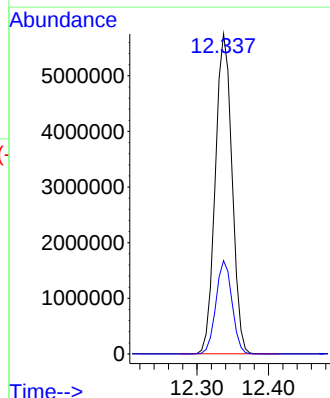
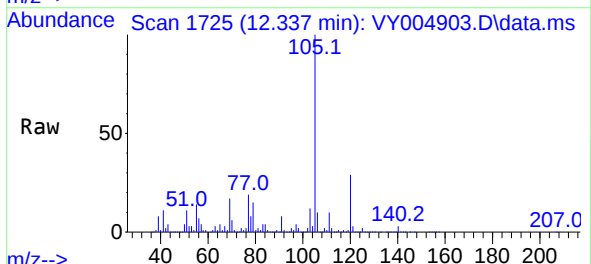
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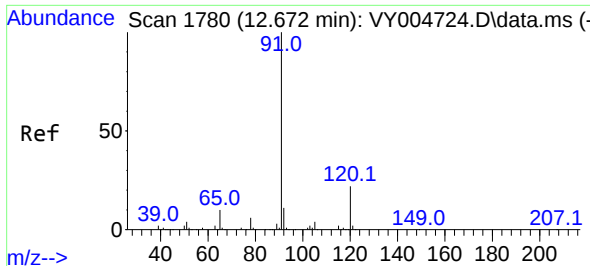
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5/28/2021 6:28:05 PM



#73
Isopropylbenzene
Concen: 562.94 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. 0.006 min
Lab File: VY004903.D
Acq: 27 May 2021 16:10

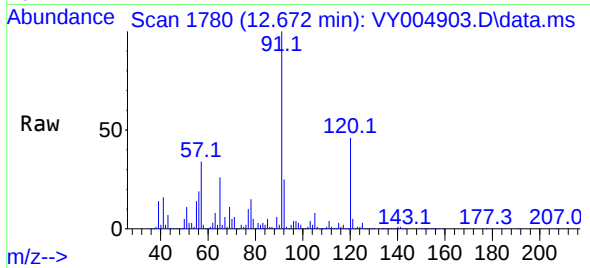
Tgt Ion:105 Resp: 9329082
Ion Ratio Lower Upper
105 100
120 28.1 13.1 39.1





#78
n-propylbenzene
Concen: 1010.30 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY004903.D
Acq: 27 May 2021 16:10

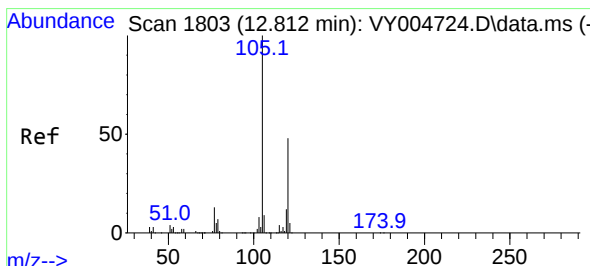
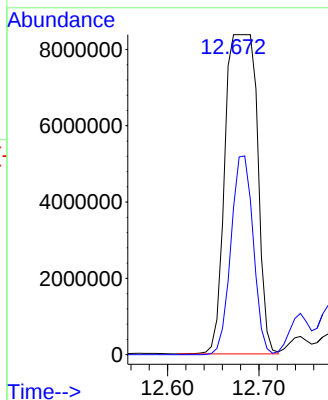
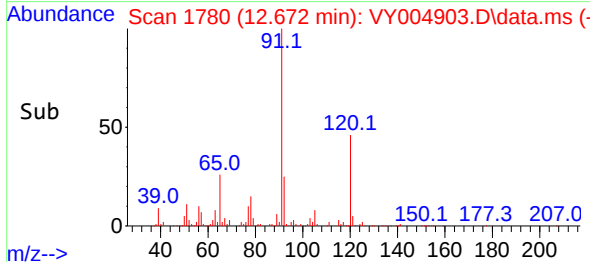
Instrument :
MSVOA_Y
ClientSampled :
GHOST-5D



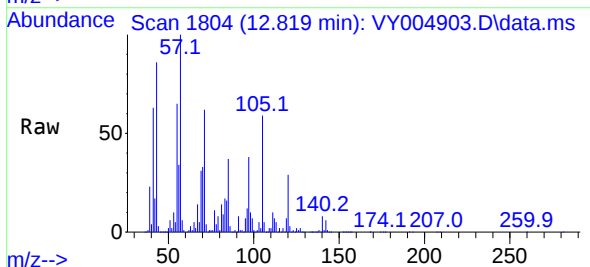
Tgt Ion: 91 Resp: 20432367
Ion Ratio Lower Upper
91 100
120 43.1 11.1 33.3#

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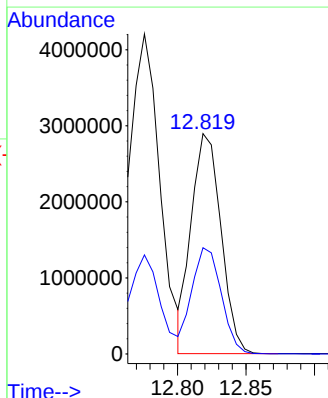
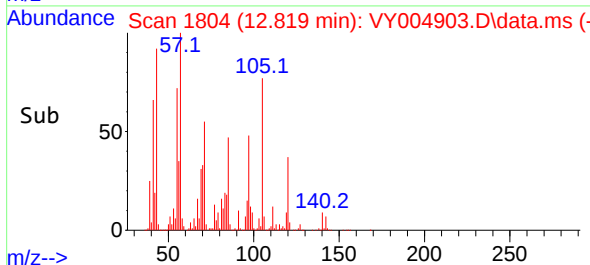
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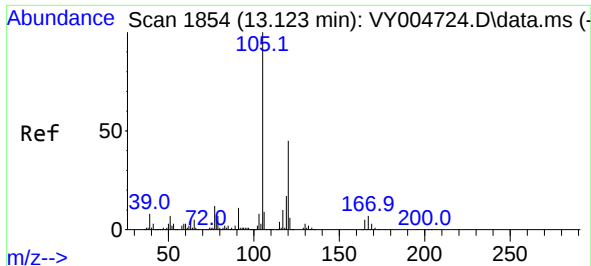


#80
1,3,5-Trimethylbenzene
Concen: 316.81 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VY004903.D
Acq: 27 May 2021 16:10



Tgt Ion: 105 Resp: 4360423
Ion Ratio Lower Upper
105 100
120 48.1 24.0 72.0





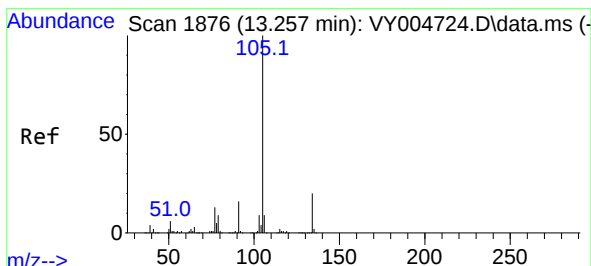
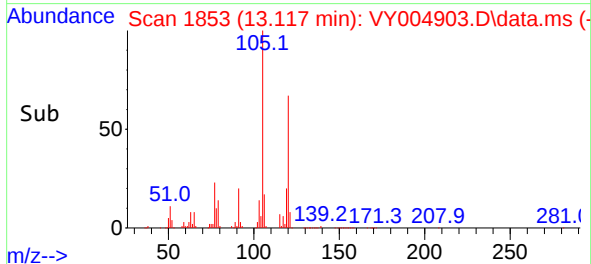
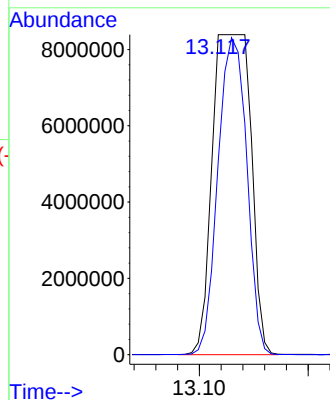
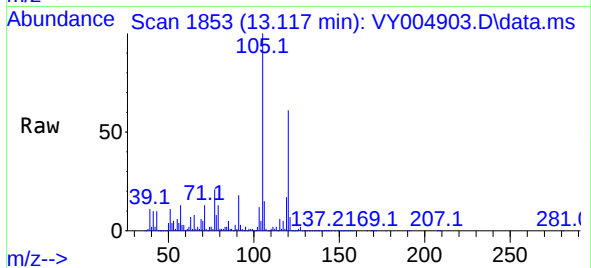
#84
1,2,4-Trimethylbenzene
Concen: 1500.14 ug/l m
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY004903.D
Acq: 27 May 2021 16:10

Tgt Ion:105 Resp:20665488
Ion Ratio Lower Upper
105 100
120 5.5 22.5 67.5#

Instrument :
MSVOA_Y
ClientSampled :
GHOST-5D

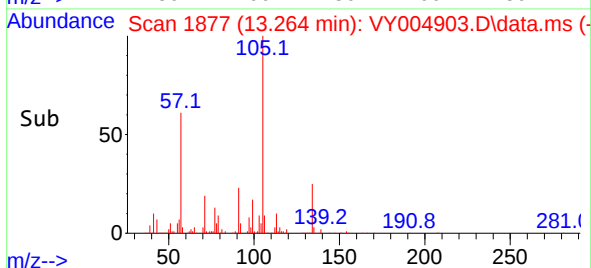
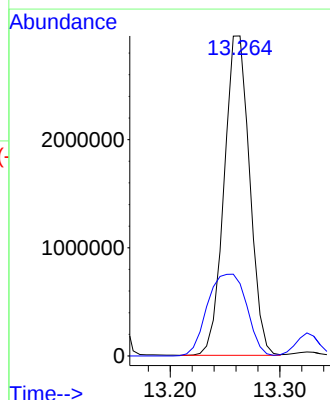
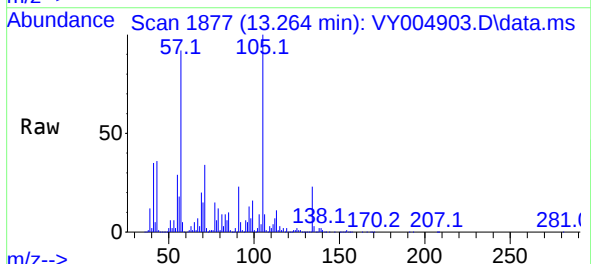
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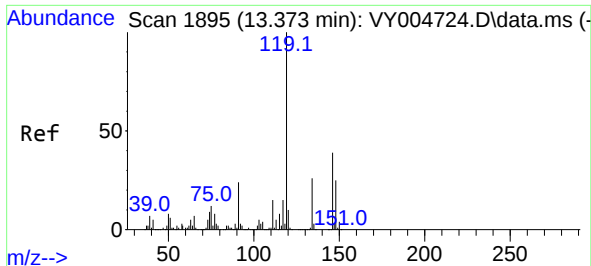
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5/28/2021 6:28:05 PM



#85
sec-Butylbenzene
Concen: 279.21 ug/l
RT: 13.264 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VY004903.D
Acq: 27 May 2021 16:10

Tgt Ion:105 Resp: 4769672
Ion Ratio Lower Upper
105 100
134 39.5 10.0 29.8#





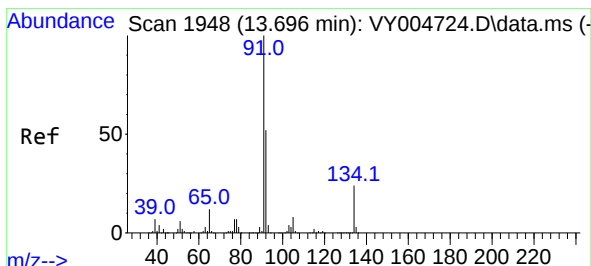
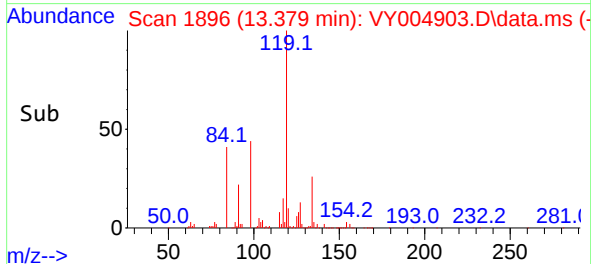
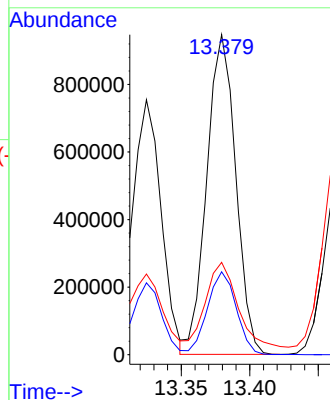
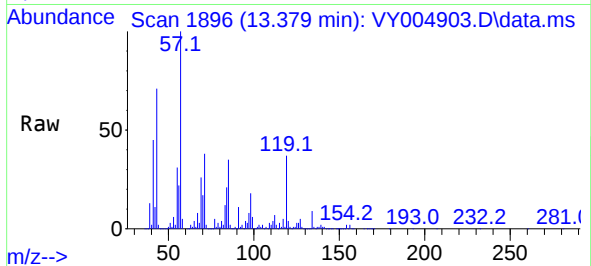
#86
p-Isopropyltoluene
Concen: 94.06 ug/l
RT: 13.379 min Scan# 1896
Delta R.T. 0.006 min
Lab File: VY004903.D
Acq: 27 May 2021 16:10

Tgt Ion: 119 Resp: 1392807
Ion Ratio Lower Upper
119 100
134 25.6 12.9 38.7
91 28.7 12.0 36.1

Instrument :
MSVOA_Y
ClientSampled :
GHOST-5D

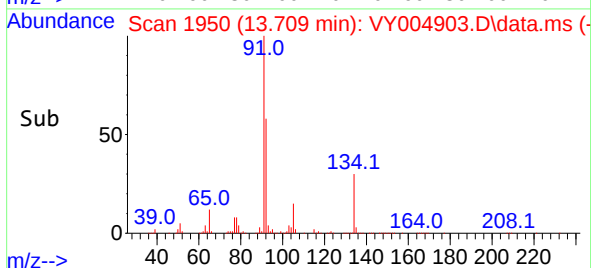
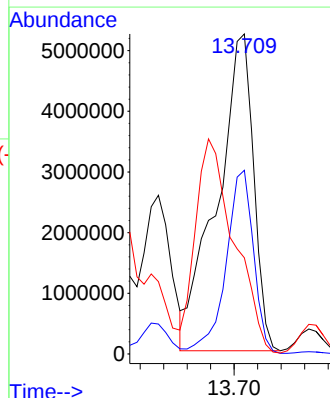
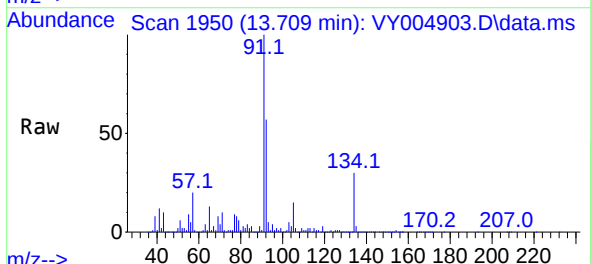
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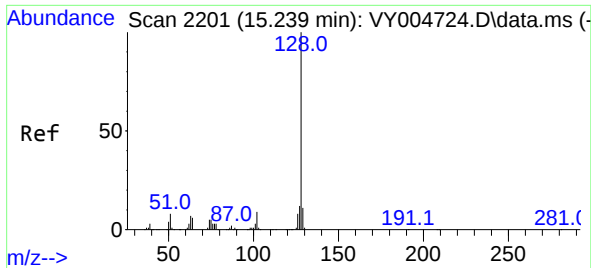
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5/28/2021 6:28:05 PM



#89
n-Butylbenzene
Concen: 779.30 ug/l
RT: 13.709 min Scan# 1950
Delta R.T. 0.012 min
Lab File: VY004903.D
Acq: 27 May 2021 16:10

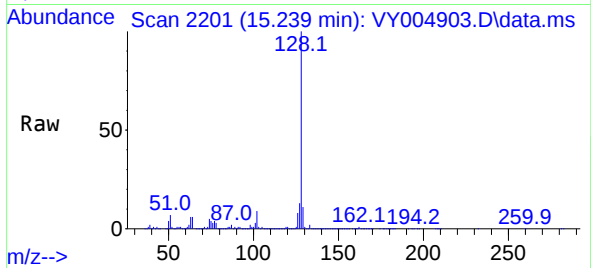
Tgt Ion: 91 Resp: 11282002
Ion Ratio Lower Upper
91 100
92 43.5 26.4 79.0
134 0.0 12.6 37.6#





#95
Naphthalene
Concen: 431.70 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY004903.D
Acq: 27 May 2021 16:10

Instrument :
MSVOA_Y
ClientSampleId :
GHOST-5D



Tgt Ion:128 Resp: 3896499
Ion Ratio Lower Upper
128 100
127 13.6 10.2 15.2
129 11.2 8.6 13.0

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