

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052721\
 Data File : VY004901.D
 Acq On : 27 May 2021 15:24
 Operator : SY/MD
 Sample : M2535-03
 Misc : 7.19G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GHOST-3D

Manual Integrations
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Quant Time: May 27 15:46:41 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	7.813	168	160122	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.704	114	302275	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	335162	50.00	ug/l	# 0.02
72) 1,4-Dichlorobenzene-d4	13.434	152	55030	50.00	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	107084	56.18	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.36%			
35) Dibromofluoromethane	7.734	113	84868	51.29	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.58%			
50) Toluene-d8	10.203	98	2431285	325.24	ug/l	0.02
Spiked Amount 50.000	Range 49 - 140		Recovery = 650.48%#			
62) 4-Bromofluorobenzene	12.489	95	586302	232.38	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 464.76%#			
Target Compounds						Qvalue
7) Trichlorofluoromethane	3.144	101	4374	1.52	ug/l	87
11) Tert butyl alcohol	4.979	59	38838	202.77	ug/l #	71
16) Acetone	3.954	43	350146	817.92	ug/l #	64
25) 2-Butanone	7.009	43	101092	132.92	ug/l #	62
31) Cyclohexane	7.801	56	3278836	1062.78	ug/l #	84
39) Methylcyclohexane	9.203	83	13358754	3954.37	ug/l #	87
40) Benzene	8.179	78	1341569	153.19	ug/l	99
52) Toluene	10.264	92	2893242	523.26	ug/l	99
67) Ethyl Benzene	11.593	91	51635585m	4029.07	ug/l	
68) m/p-Xylenes	11.709	106	46571050m	9671.62	ug/l	
69) o-Xylene	12.057	106	8859056	1968.59	ug/l	87
73) Isopropylbenzene	12.343	105	21788445	5248.49	ug/l	78
78) n-propylbenzene	12.672	91	30142303m	5949.66	ug/l	
80) 1,3,5-Trimethylbenzene	12.800	105	27239839m	7900.63	ug/l	
84) 1,2,4-Trimethylbenzene	13.117	105	31898903m	9243.65	ug/l	
85) sec-Butylbenzene	13.264	105	3410064	796.87	ug/l #	55
86) p-Isopropyltoluene	13.380	119	1456532	392.65	ug/l	98
89) n-Butylbenzene	13.703	91	3622087	998.76	ug/l #	73
95) Naphthalene	15.239	128	1022801	452.35	ug/l	99

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

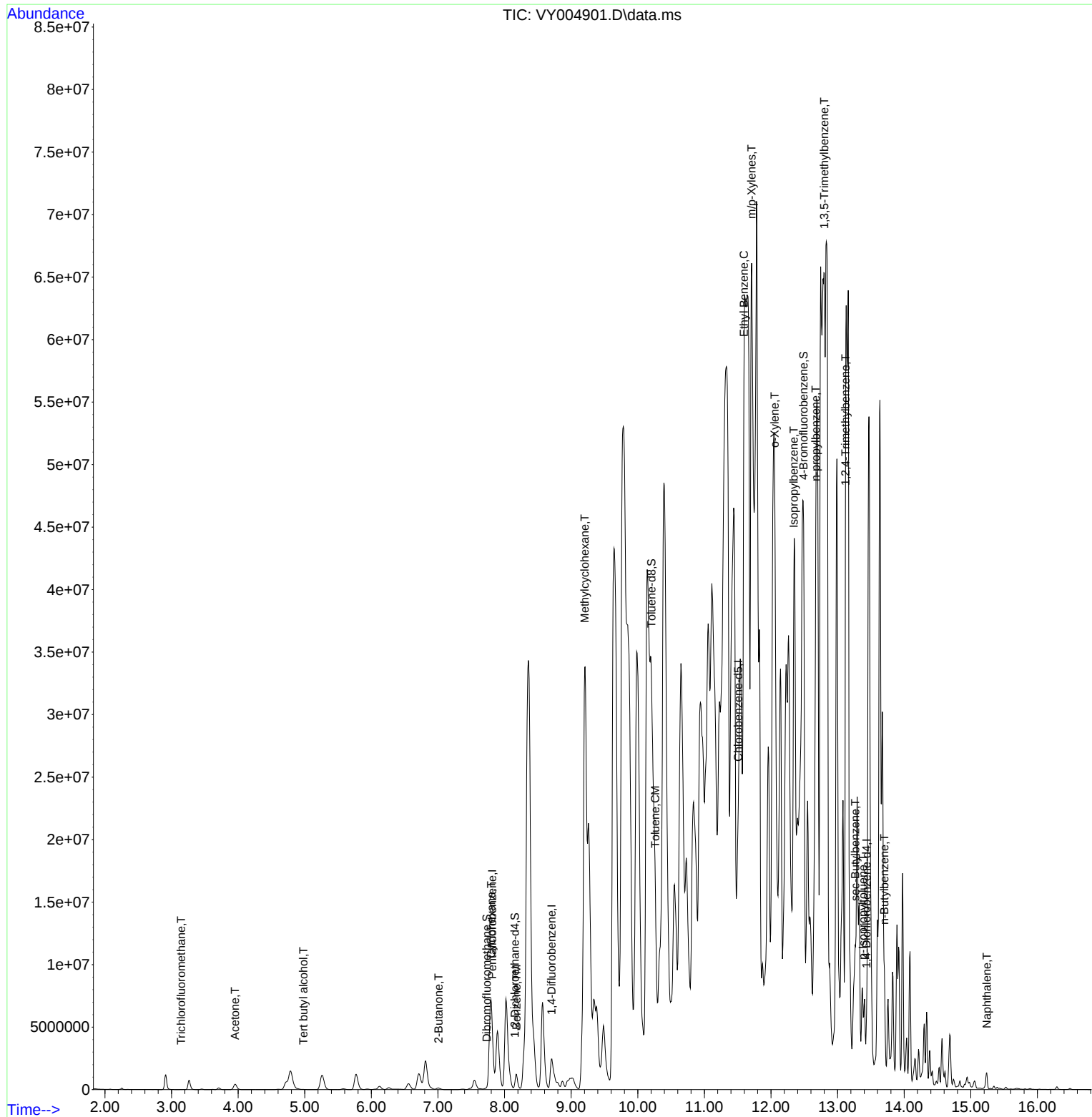
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Data File : VY004901.D
Acq On : 27 May 2021 15:24
Operator : SY/MD
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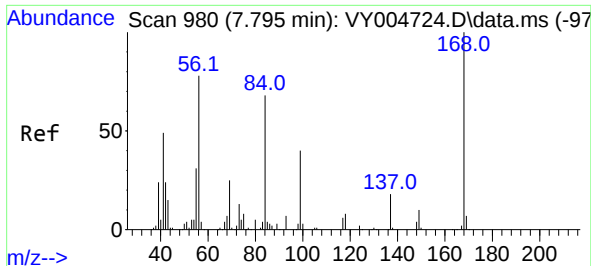
Instrument :
MSVOA_Y
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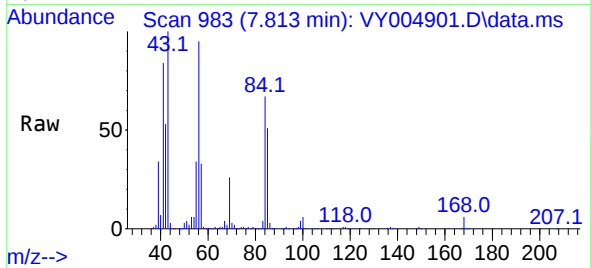
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Quant Time: May 27 15:46:41 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
Quant Title : SW846 8260
QLast Update : Tue May 11 04:13:44 2021
Response via : Initial Calibration

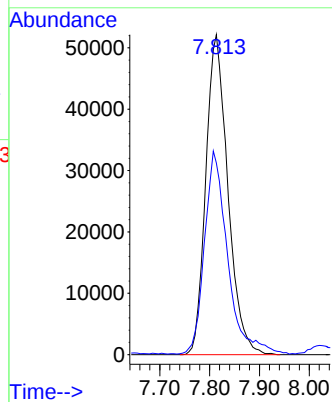
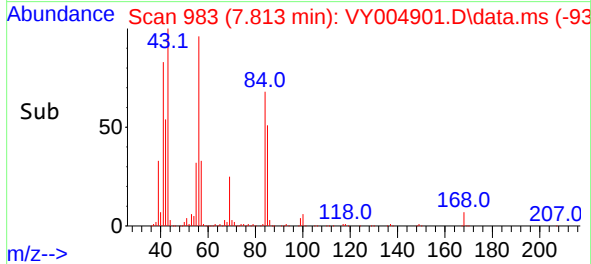




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.813 min Scan# 983
Delta R.T. 0.018 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24



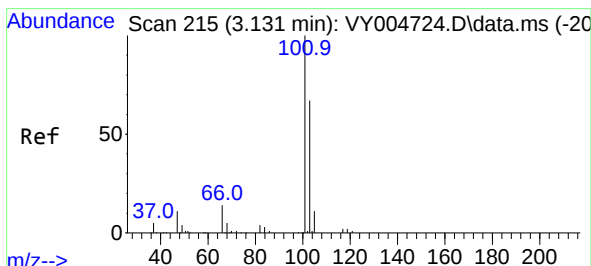
Tgt Ion:168 Resp: 160122
Ion Ratio Lower Upper
168 100
99 59.6 45.6 68.4



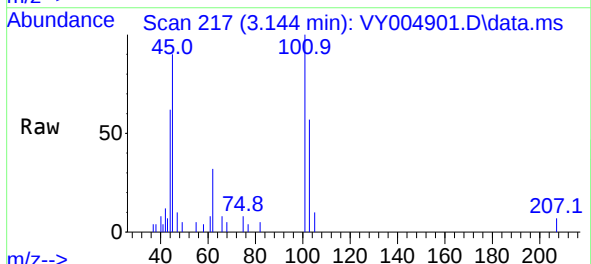
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ClientSampleId :
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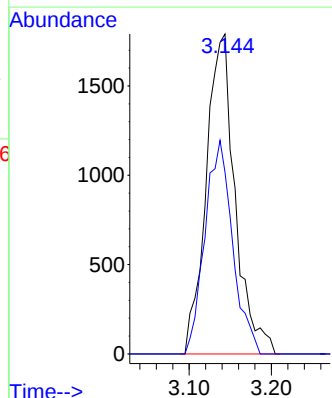
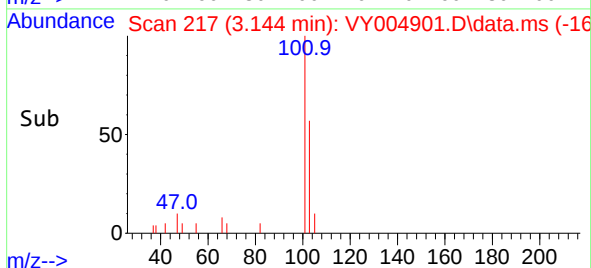
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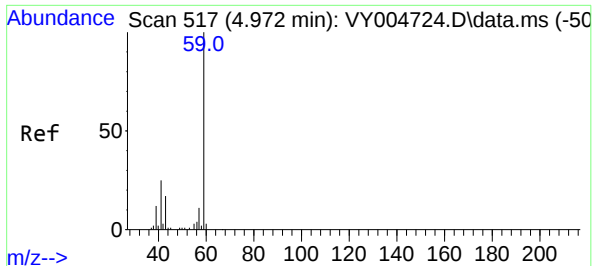


#7
Trichlorofluoromethane
Concen: 1.52 ug/l
RT: 3.144 min Scan# 217
Delta R.T. 0.012 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

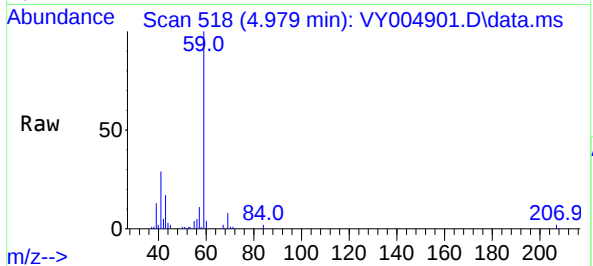


Tgt Ion:101 Resp: 4374
Ion Ratio Lower Upper
101 100
103 56.8 53.4 80.2

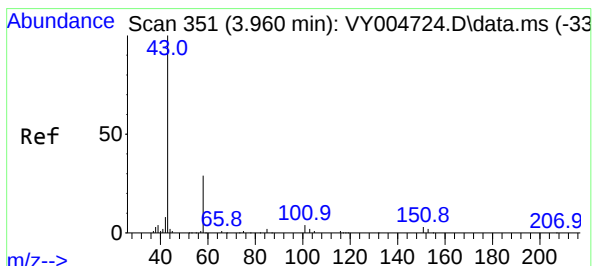
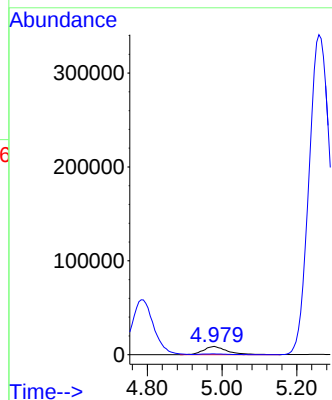
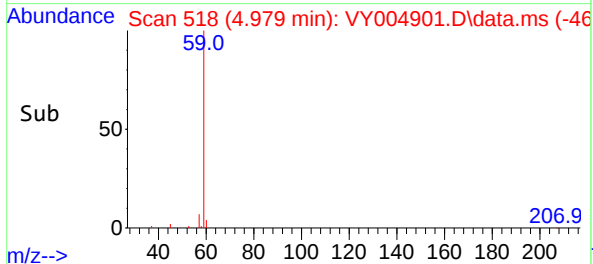




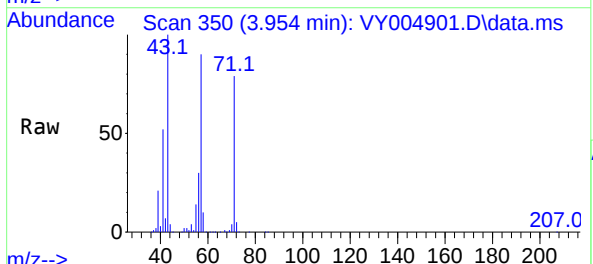
#11
Tert butyl alcohol
Concen: 202.77 ug/l
RT: 4.979 min Scan# 518
Delta R.T. 0.006 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24



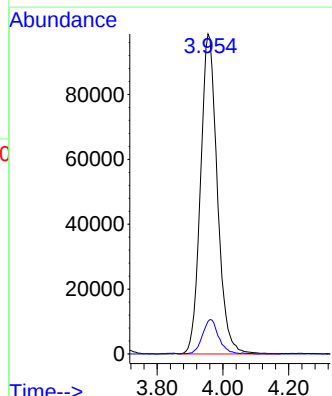
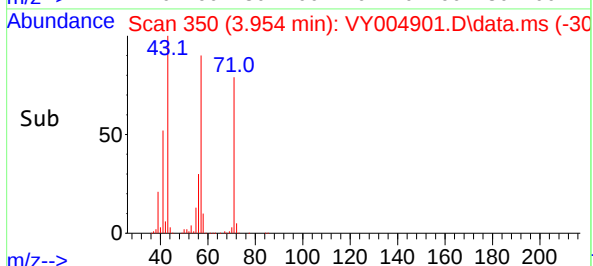
Tgt Ion: 59 Resp: 38838
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



#16
Acetone
Concen: 817.92 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24



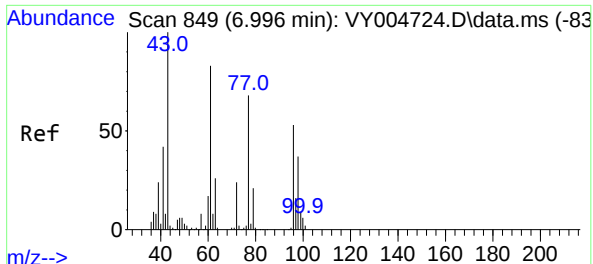
Tgt Ion: 43 Resp: 350146
Ion Ratio Lower Upper
43 100
58 10.2 23.6 35.4#



Instrument :
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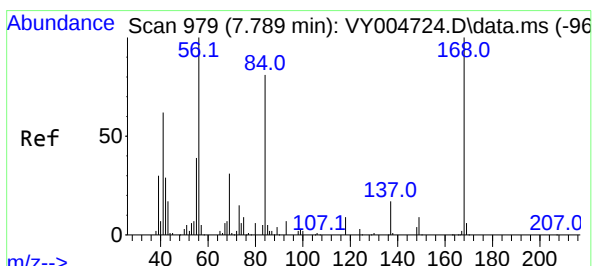
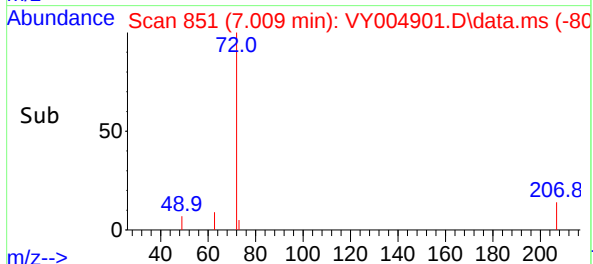
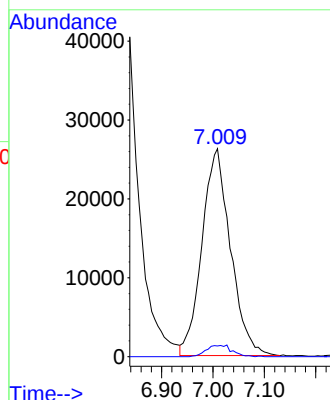
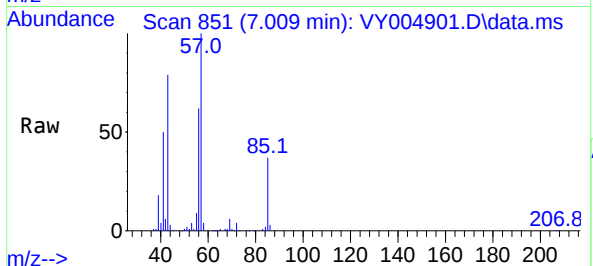
#25
2-Butanone
Concen: 132.92 ug/l
RT: 7.009 min Scan# 851
Delta R.T. 0.012 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

Tgt Ion: 43 Resp: 101092
Ion Ratio Lower Upper
43 100
72 5.2 19.4 29.0#

Instrument :
MSVOA_Y
ClientSampleId :
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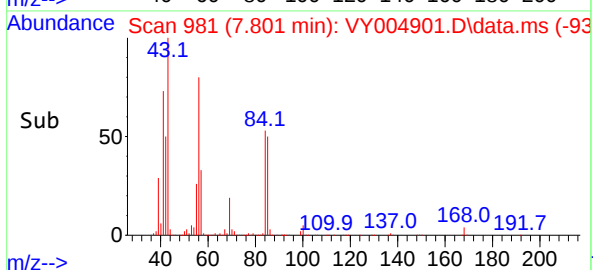
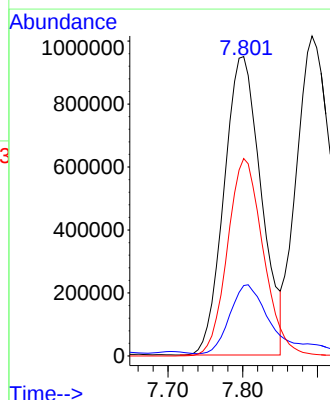
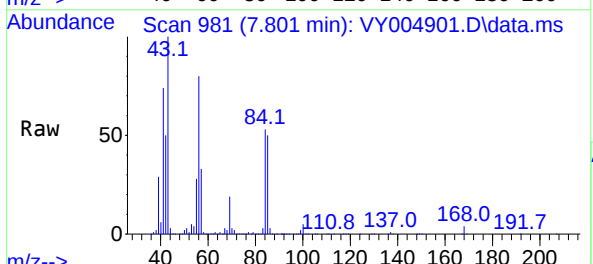
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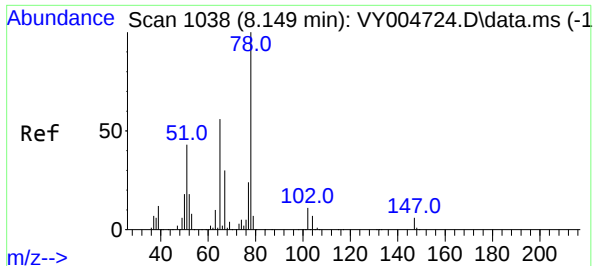
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#31
Cyclohexane
Concen: 1062.78 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

Tgt Ion: 56 Resp: 3278836
Ion Ratio Lower Upper
56 100
69 22.2 24.4 36.6#
84 66.1 64.8 97.2





#33

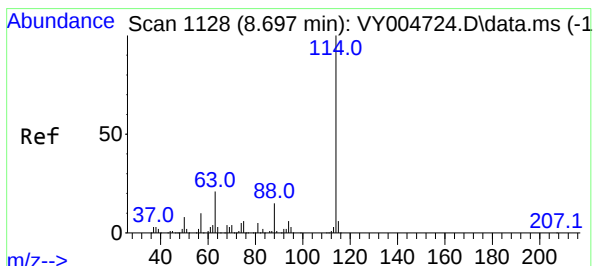
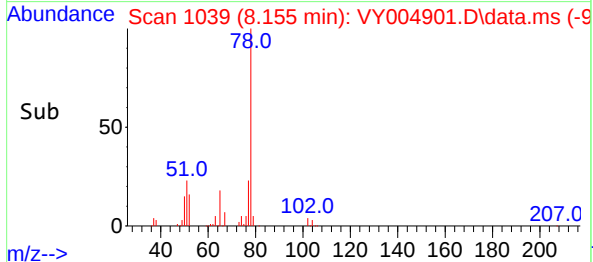
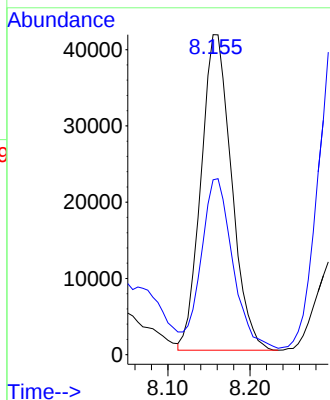
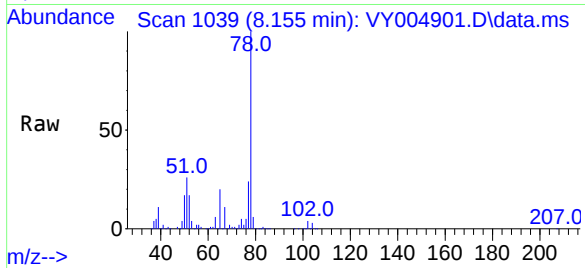
1,2-Dichloroethane-d4
Concen: 56.18 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

Tgt Ion: 65 Resp: 107084
Ion Ratio Lower Upper
65 100
67 54.6 0.0 108.0

Instrument :
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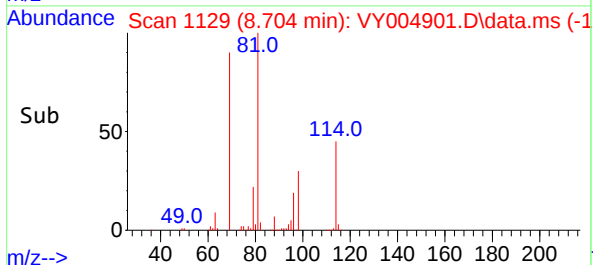
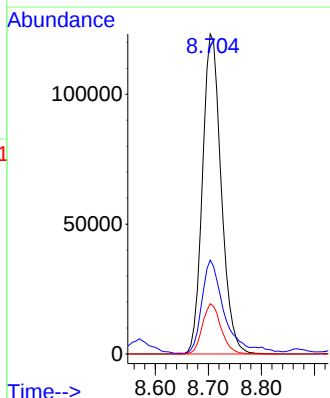
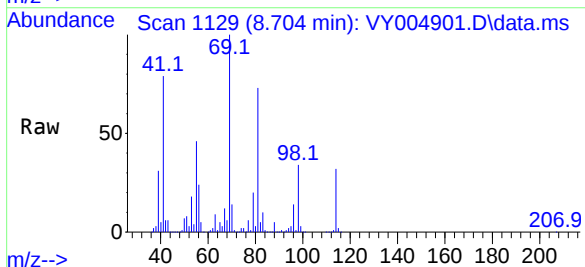
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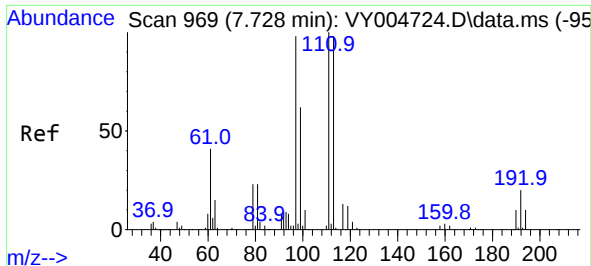


#34

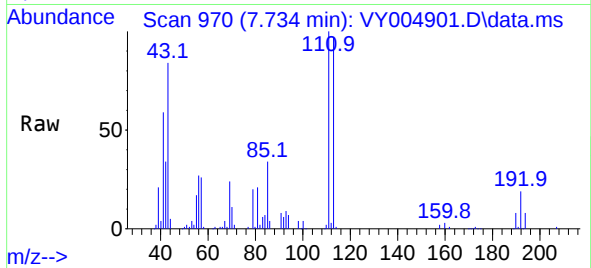
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.704 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

Tgt Ion: 114 Resp: 302275
Ion Ratio Lower Upper
114 100
63 29.1 0.0 42.8
88 15.7 0.0 31.0

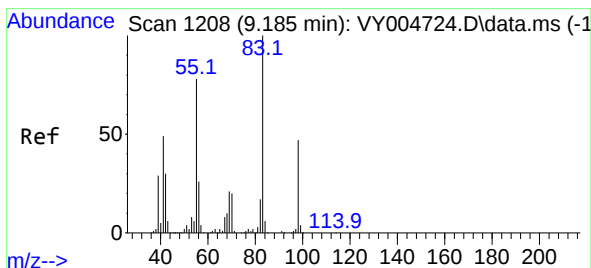
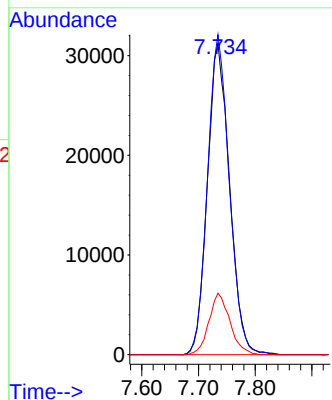
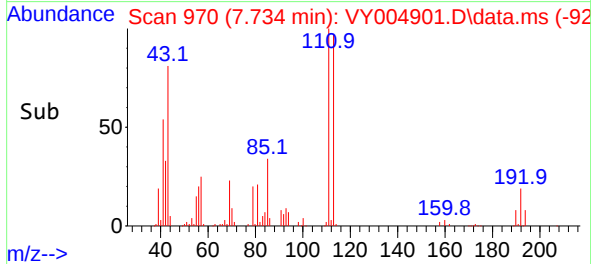




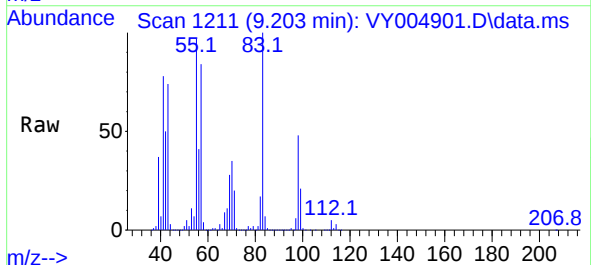
#35
Dibromofluoromethane
Concen: 51.29 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24



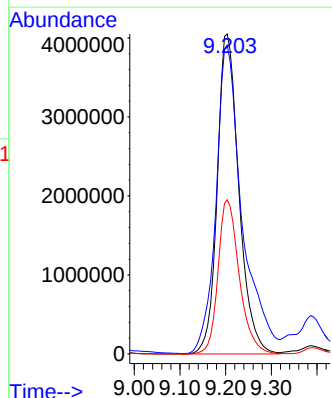
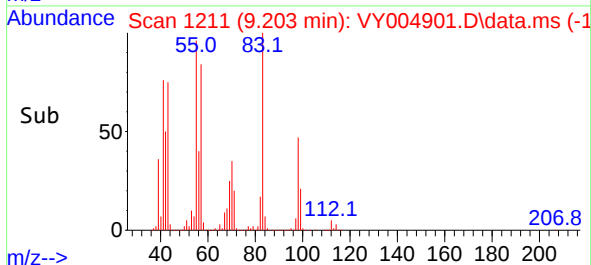
Tgt Ion: 113 Resp: 84868
Ion Ratio Lower Upper
113 100
111 100.9 80.5 120.7
192 18.8 15.0 22.6



#39
Methylcyclohexane
Concen: 3954.37 ug/l
RT: 9.203 min Scan# 1211
Delta R.T. 0.018 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24



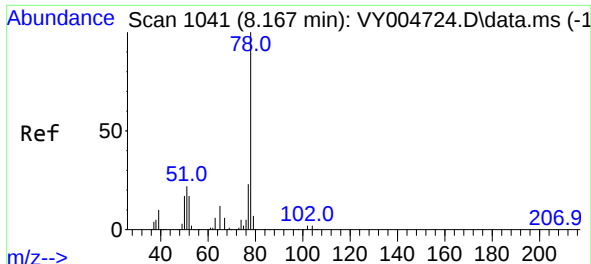
Tgt Ion: 83 Resp: 13358754
Ion Ratio Lower Upper
83 100
55 96.3 62.6 94.0#
98 48.2 37.8 56.6



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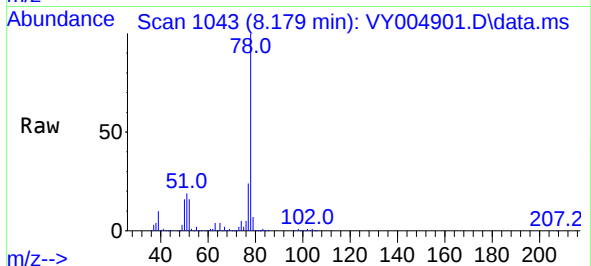
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#40
Benzene
Concen: 153.19 ug/l
RT: 8.179 min Scan# 1043
Delta R.T. 0.012 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

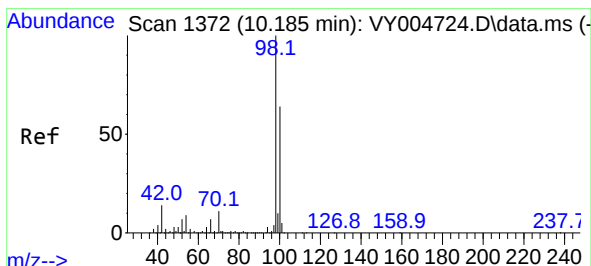
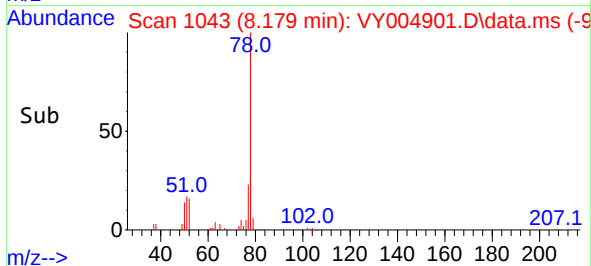
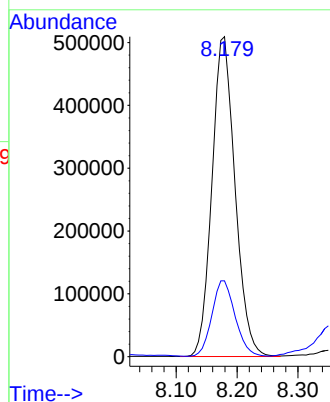
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Tgt Ion: 78 Resp: 1341569
Ion Ratio Lower Upper
78 100
77 23.5 18.4 27.6

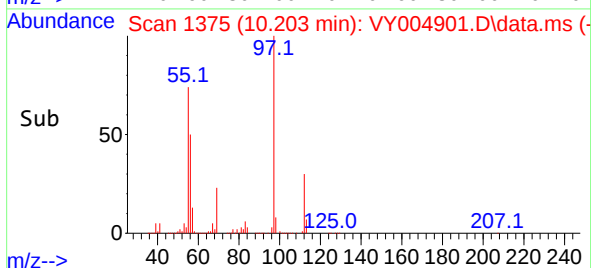
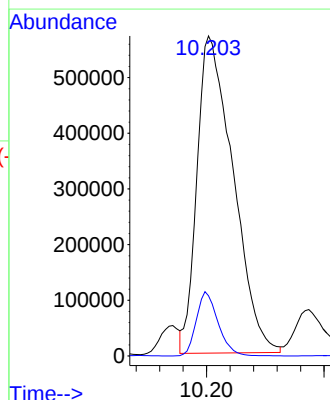
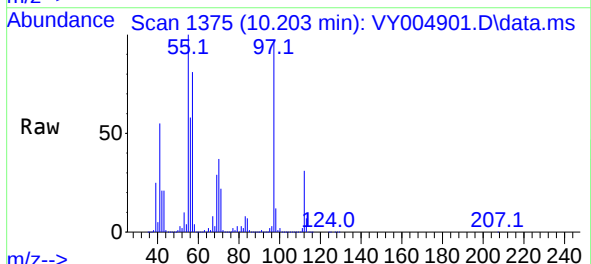
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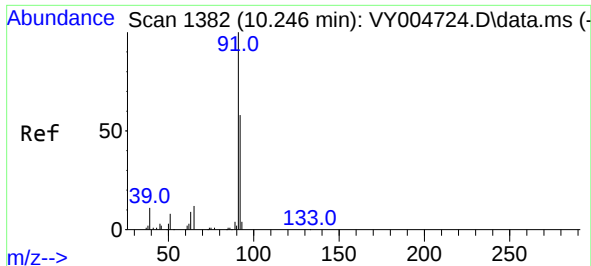
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#50
Toluene-d8
Concen: 325.24 ug/l
RT: 10.203 min Scan# 1375
Delta R.T. 0.018 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

Tgt Ion: 98 Resp: 2431285
Ion Ratio Lower Upper
98 100
100 12.2 51.5 77.3#





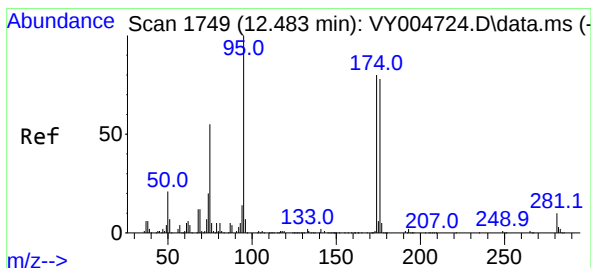
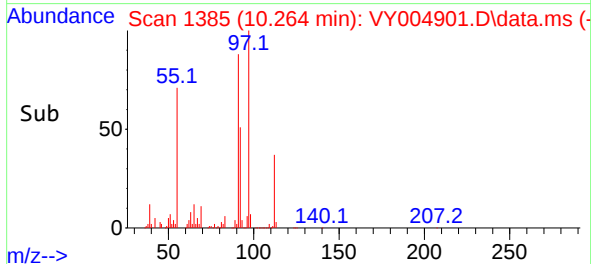
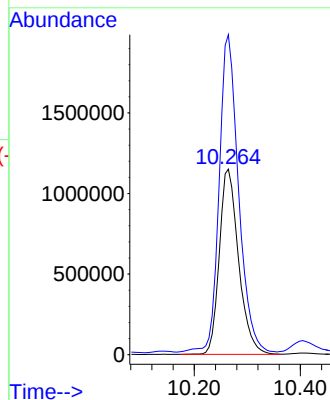
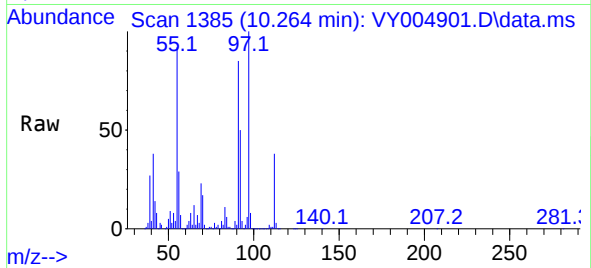
#52
Toluene
Concen: 523.26 ug/l
RT: 10.264 min Scan# 1385
Delta R.T. 0.018 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

Tgt Ion: 92 Resp: 2893242
Ion Ratio Lower Upper
92 100
91 172.0 138.2 207.4

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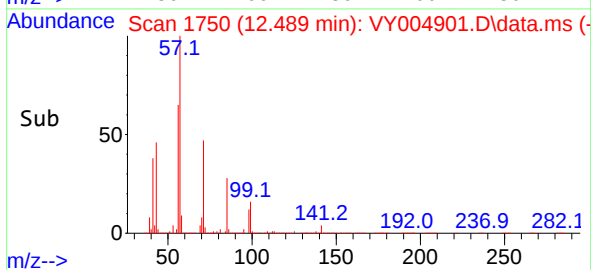
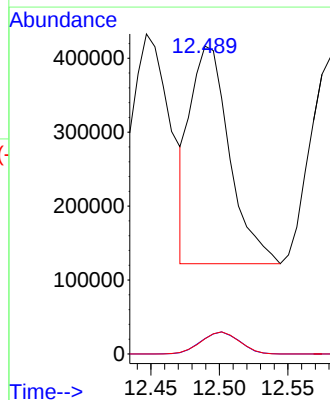
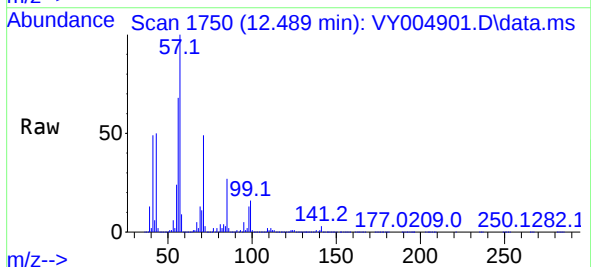
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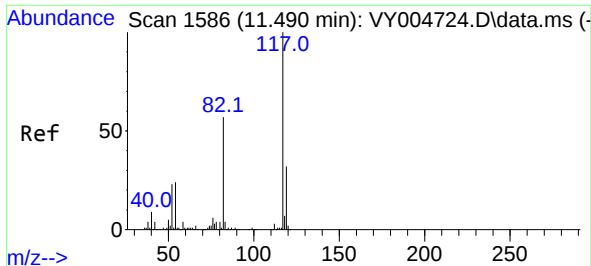
MMDadoda
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#62
4-Bromofluorobenzene
Concen: 232.38 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

Tgt Ion: 95 Resp: 586302
Ion Ratio Lower Upper
95 100
174 9.9 0.0 164.2
176 9.9 0.0 159.0





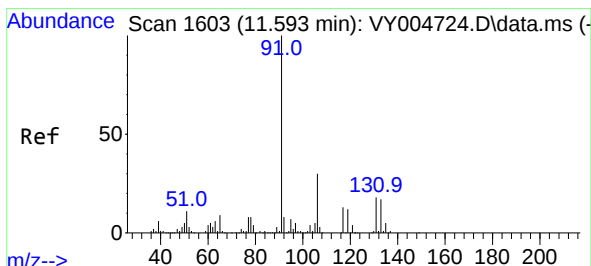
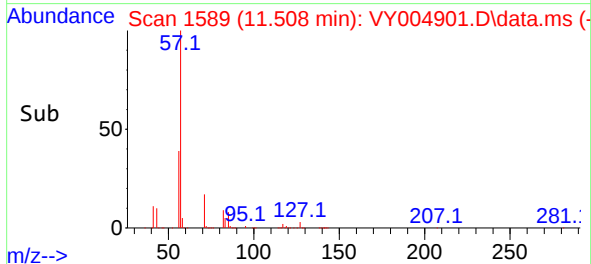
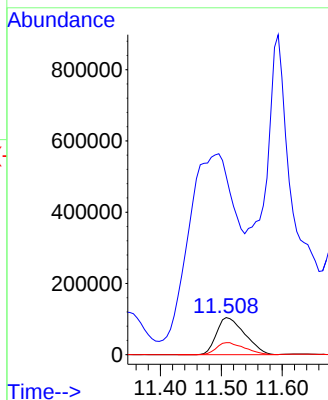
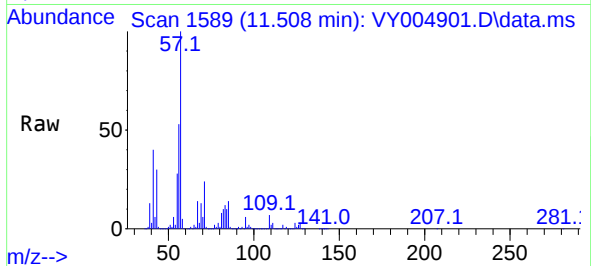
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.508 min Scan# 1589
Delta R.T. 0.018 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

Tgt Ion	Ratio	Lower	Upper
117	100		
82	326.2	45.4	68.2#
119	32.5	25.8	38.6

Instrument :
MSVOA_Y
ClientSampleId :
GHOST-3D

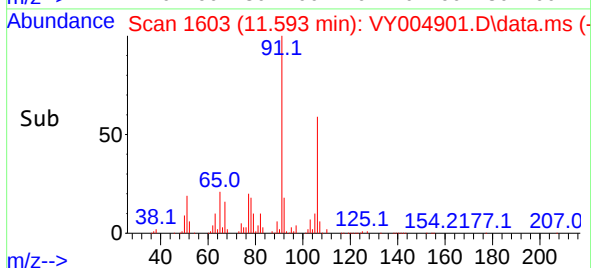
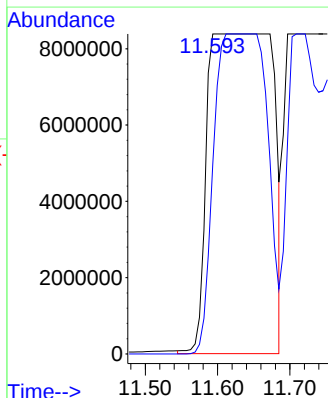
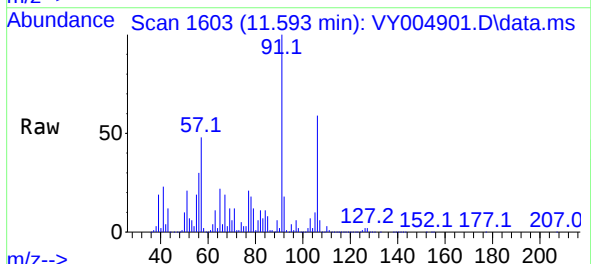
Manual Integrations
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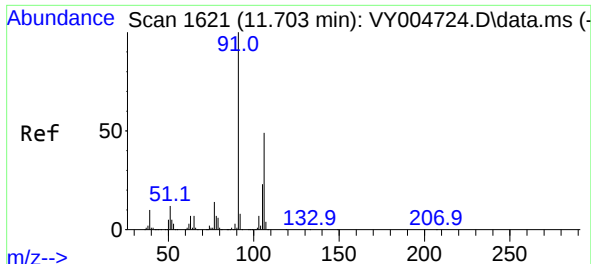
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#67
Ethyl Benzene
Concen: 4029.07 ug/l m
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

Tgt Ion	Ratio	Lower	Upper
91	100		
106	59.2	24.0	36.0#





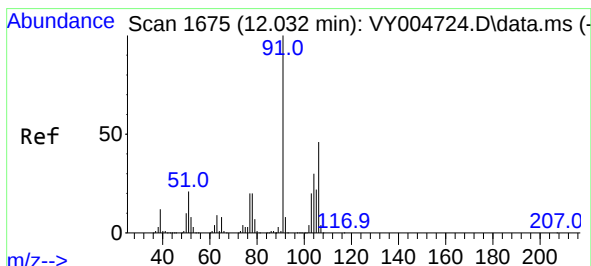
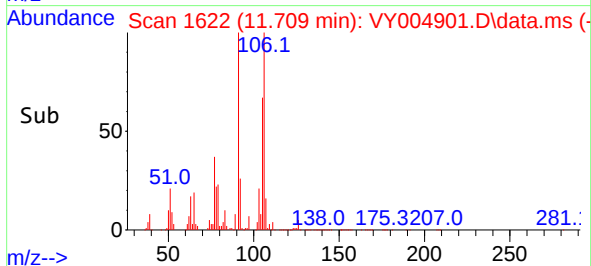
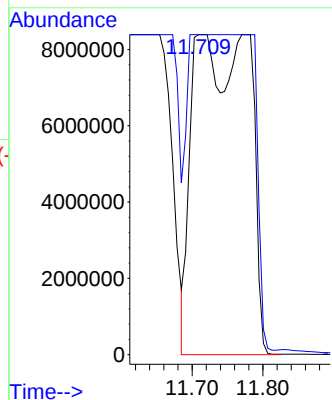
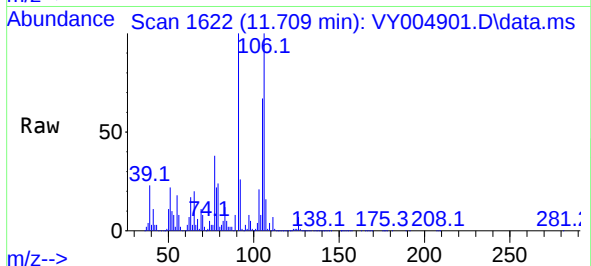
#68
m/p-Xylenes
Concen: 9671.62 ug/l m
RT: 11.709 min Scan# 1622
Delta R.T. 0.006 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

Tgt Ion:106 Resp:46571050
Ion Ratio Lower Upper
106 100
91 3.1 163.6 245.4#

Instrument :
MSVOA_Y
ClientSampleId :
GHOST-3D

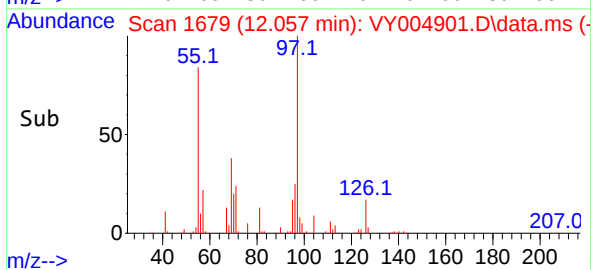
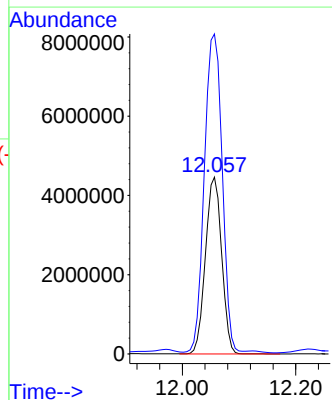
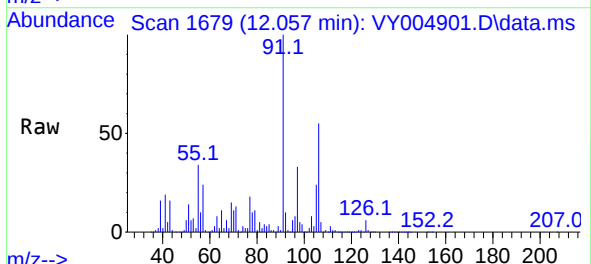
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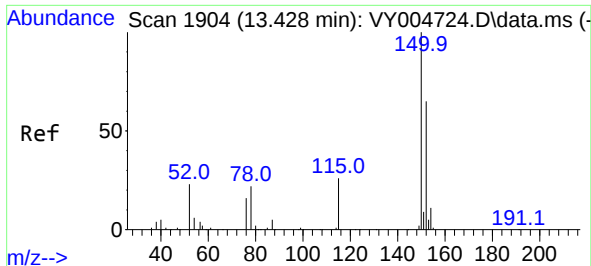
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#69
o-Xylene
Concen: 1968.59 ug/l
RT: 12.057 min Scan# 1679
Delta R.T. 0.024 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

Tgt Ion:106 Resp: 8859056
Ion Ratio Lower Upper
106 100
91 196.8 108.9 326.7





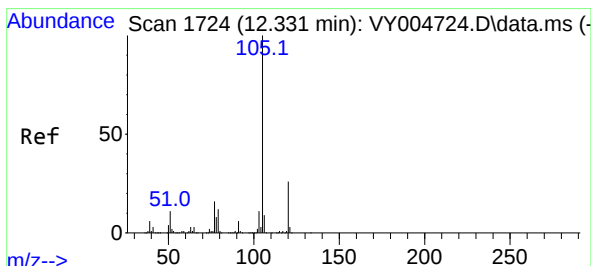
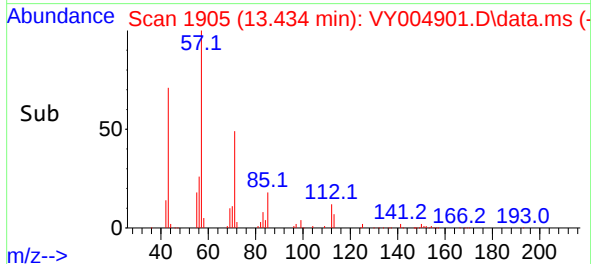
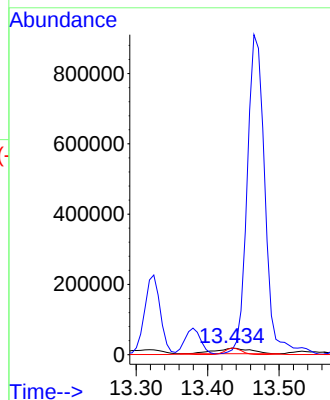
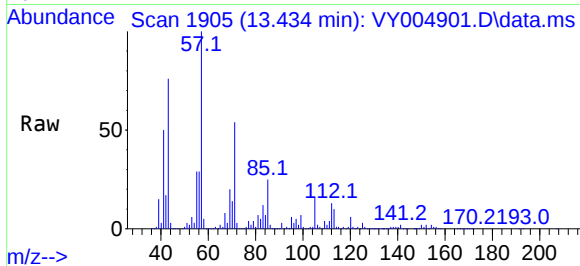
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

Tgt Ion:152 Resp: 55030
Ion Ratio Lower Upper
152 100
115 0.0 29.4 88.3#
150 54.6 0.0 349.8

Instrument :
MSVOA_Y
ClientSampleId :
GHOST-3D

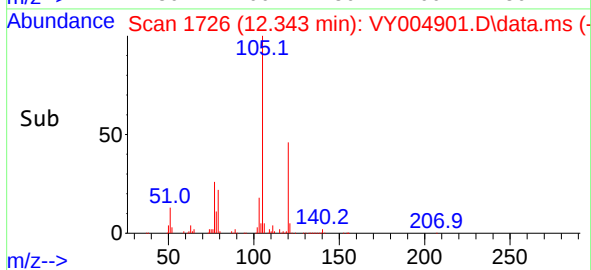
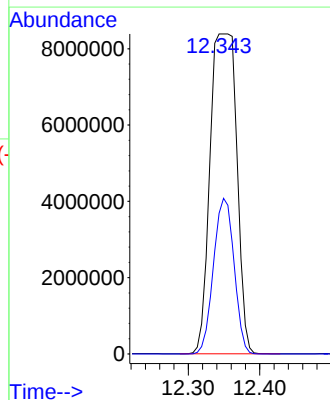
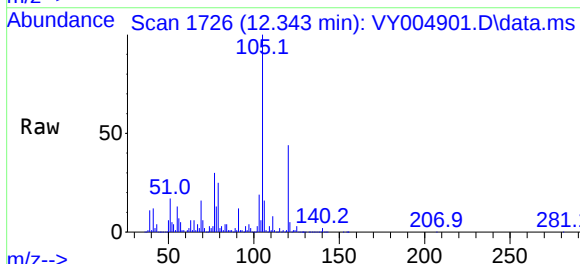
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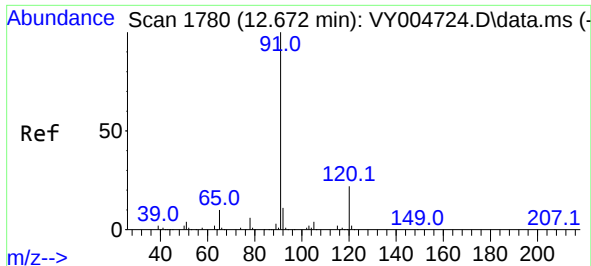
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#73
Isopropylbenzene
Concen: 5248.49 ug/l
RT: 12.343 min Scan# 1726
Delta R.T. 0.012 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

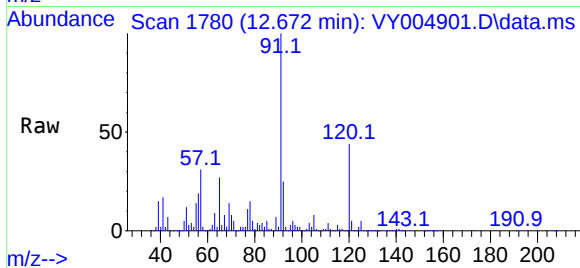
Tgt Ion:105 Resp:21788445
Ion Ratio Lower Upper
105 100
120 37.4 13.1 39.1





#78
n-propylbenzene
Concen: 5949.66 ug/l m
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

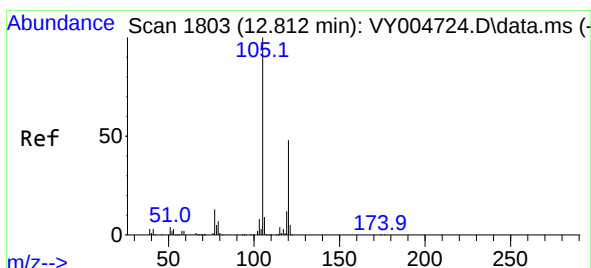
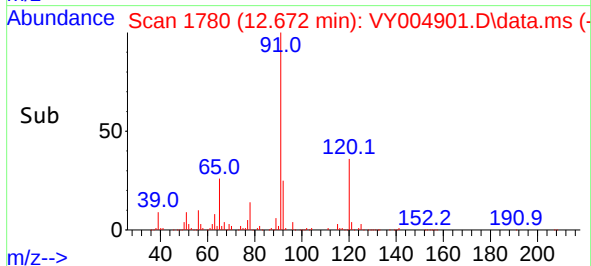
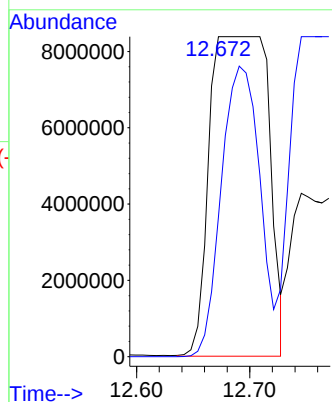
Instrument :
MSVOA_Y
ClientSampleId :
GHOST-3D



Tgt Ion: 91 Resp:30142303
Ion Ratio Lower Upper
91 100
120 10.3 11.1 33.3#

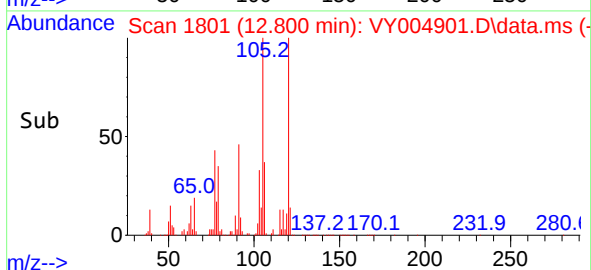
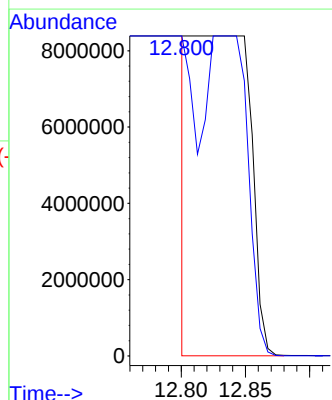
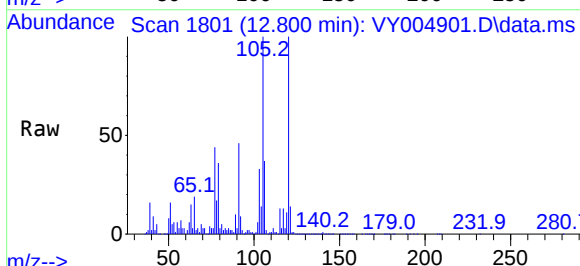
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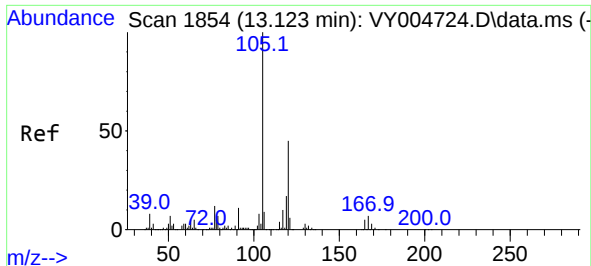
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#80
1,3,5-Trimethylbenzene
Concen: 7900.63 ug/l m
RT: 12.800 min Scan# 1801
Delta R.T. -0.012 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

Tgt Ion:105 Resp:27239839
Ion Ratio Lower Upper
105 100
120 11.4 24.0 72.0#





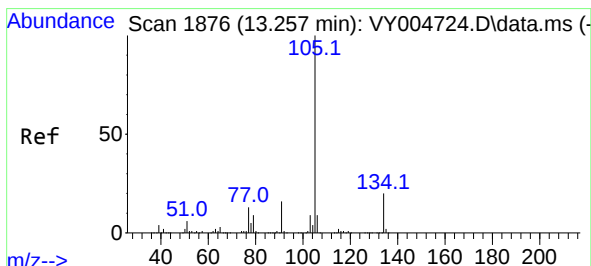
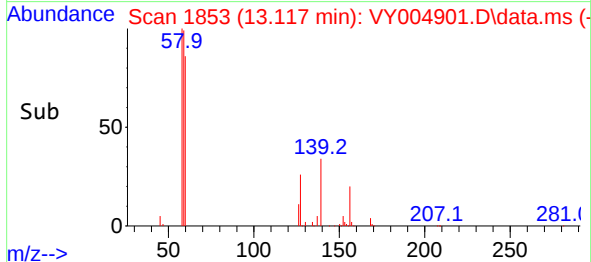
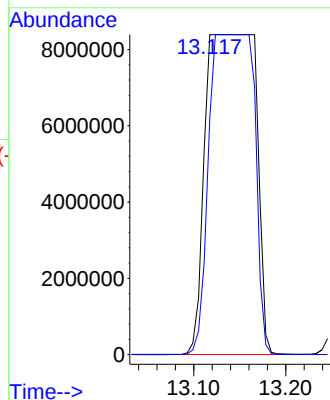
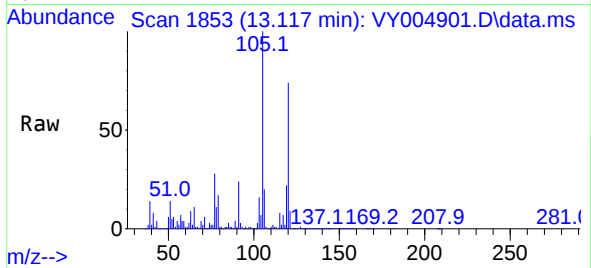
#84
1,2,4-Trimethylbenzene
Concen: 9243.65 ug/l m
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

Tgt Ion:105 Resp:31898903
Ion Ratio Lower Upper
105 100
120 0.0 22.5 67.5#

Instrument :
MSVOA_Y
ClientSampled :
GHOST-3D

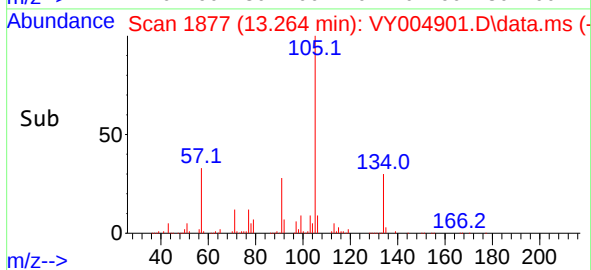
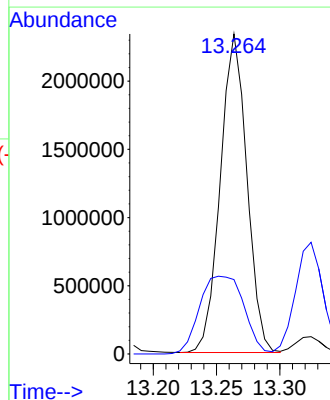
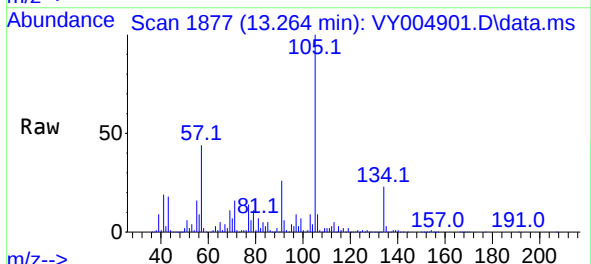
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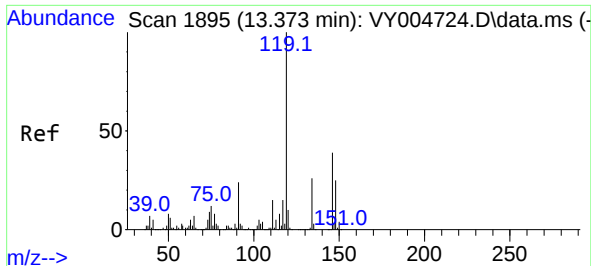
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#85
sec-Butylbenzene
Concen: 796.87 ug/l
RT: 13.264 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

Tgt Ion:105 Resp: 3410064
Ion Ratio Lower Upper
105 100
134 40.7 10.0 29.8#





#86
p-Isopropyltoluene
Concen: 392.65 ug/l
RT: 13.380 min Scan# 1896
Delta R.T. 0.006 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

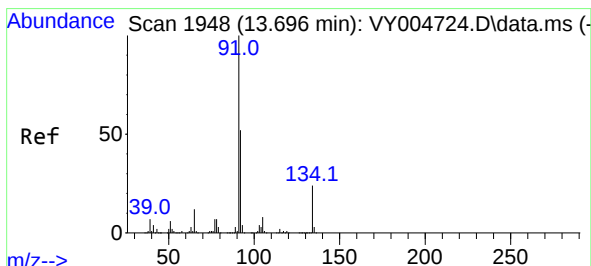
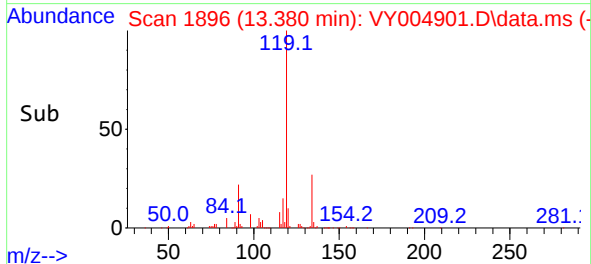
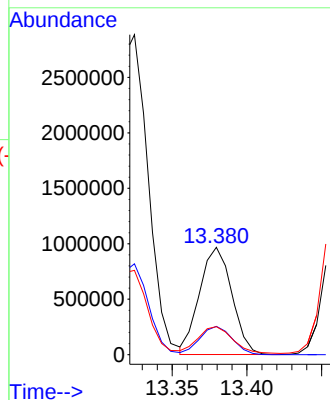
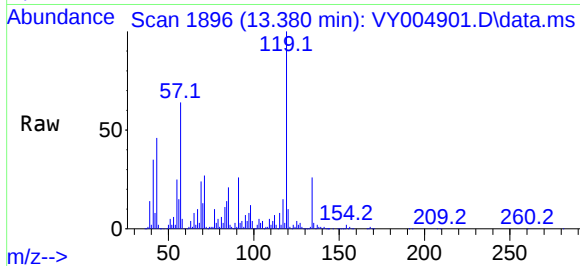
Tgt Ion: 119 Resp: 1456532

Ion	Ratio	Lower	Upper
119	100		
134	26.4	12.9	38.7
91	26.0	12.0	36.1

Instrument :
MSVOA_Y
ClientSampled :
GHOST-3D

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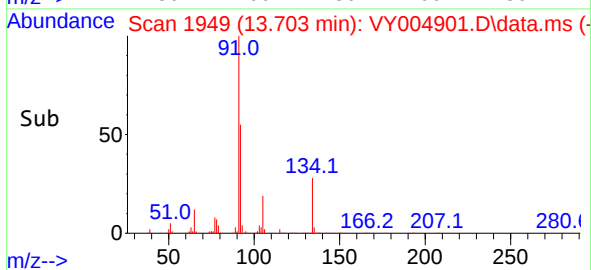
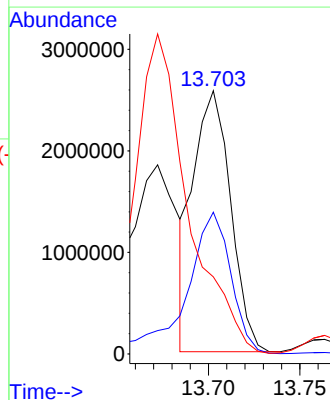
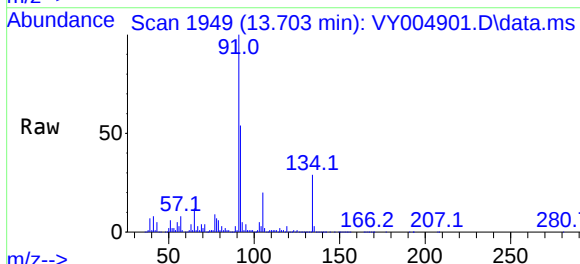
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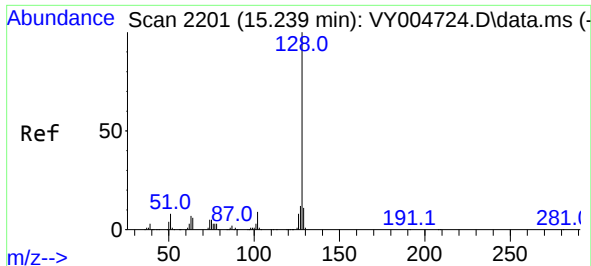


#89
n-Butylbenzene
Concen: 998.76 ug/l
RT: 13.703 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24

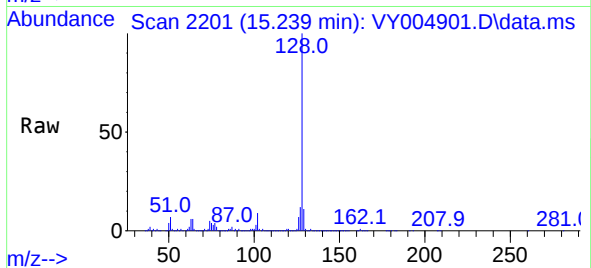
Tgt Ion: 91 Resp: 3622087

Ion	Ratio	Lower	Upper
91	100		
92	64.1	26.4	79.0
134	0.0	12.6	37.6#



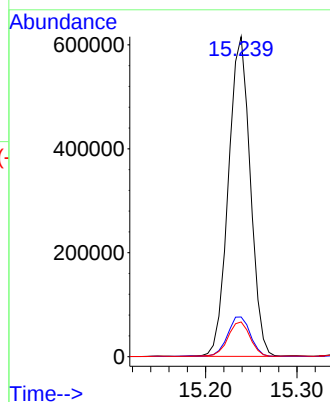
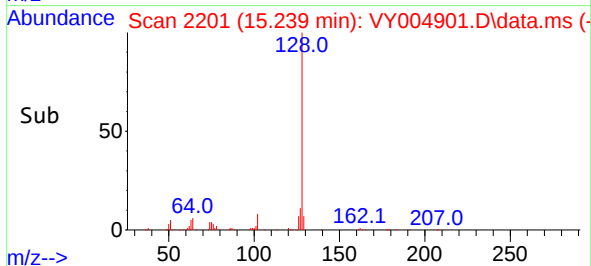


#95
Naphthalene
Concen: 452.35 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY004901.D
Acq: 27 May 2021 15:24



Tgt Ion:128 Resp: 1022801

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.2	15.2
129	10.9	8.6	13.0



Instrument :
MSVOA_Y
ClientSampleId :
GHOST-3D

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