

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040221\
 Data File : VY004266.D
 Acq On : 02 Apr 2021 16:35
 Operator : SY/MD
 Sample : M1909-02
 Misc : 5.98g/5mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FS-SB-10-26-27

Manual Integrations
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Quant Time: Apr 02 23:38:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 30 06:38:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	184336	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	332380	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	288008	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	167859	50.00	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.179	65	87578	49.42	ug/l	0.03
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.84%
35) Dibromofluoromethane	7.734	113	92432	49.91	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.82%
50) Toluene-d8	10.197	98	757751	108.79	ug/l	0.01
Spiked Amount	50.000	Range	49 - 140	Recovery	=	217.58%#
62) 4-Bromofluorobenzene	12.489	95	273146	114.42	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	228.84%#

Target Compounds						Qvalue
16) Acetone	3.960	43	42241	114.42	ug/l	# 75
17) Carbon Disulfide	4.210	76	38656	8.82	ug/l	97
25) 2-Butanone	7.002	43	28642	46.44	ug/l	# 62
39) Methylcyclohexane	9.197	83	6538845	1740.56	ug/l	94
40) Benzene	8.160	78	40870846m	4752.09	ug/l	
52) Toluene	10.258	92	32263170m	5834.61	ug/l	
67) Ethyl Benzene	11.593	91	32332476m	3099.83	ug/l	
68) m/p-Xylenes	11.751	106	33265644m	8306.04	ug/l	
69) o-Xylene	12.050	106	21881116	5839.08	ug/l	# 1
73) Isopropylbenzene	12.343	105	8938871	728.91	ug/l	98
78) n-propylbenzene	12.684	91	12160307	857.06	ug/l	96
80) 1,3,5-Trimethylbenzene	12.824	105	16711084	1670.44	ug/l	89
84) 1,2,4-Trimethylbenzene	13.123	105	24321262m	2423.78	ug/l	
85) sec-Butylbenzene	13.263	105	614985	51.68	ug/l	# 50
86) p-Isopropyltoluene	13.379	119	1104772m	99.80	ug/l	
89) n-Butylbenzene	13.714	91	1120070	110.03	ug/l	# 66
95) Naphthalene	15.238	128	21048815	2903.64	ug/l	# 79

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

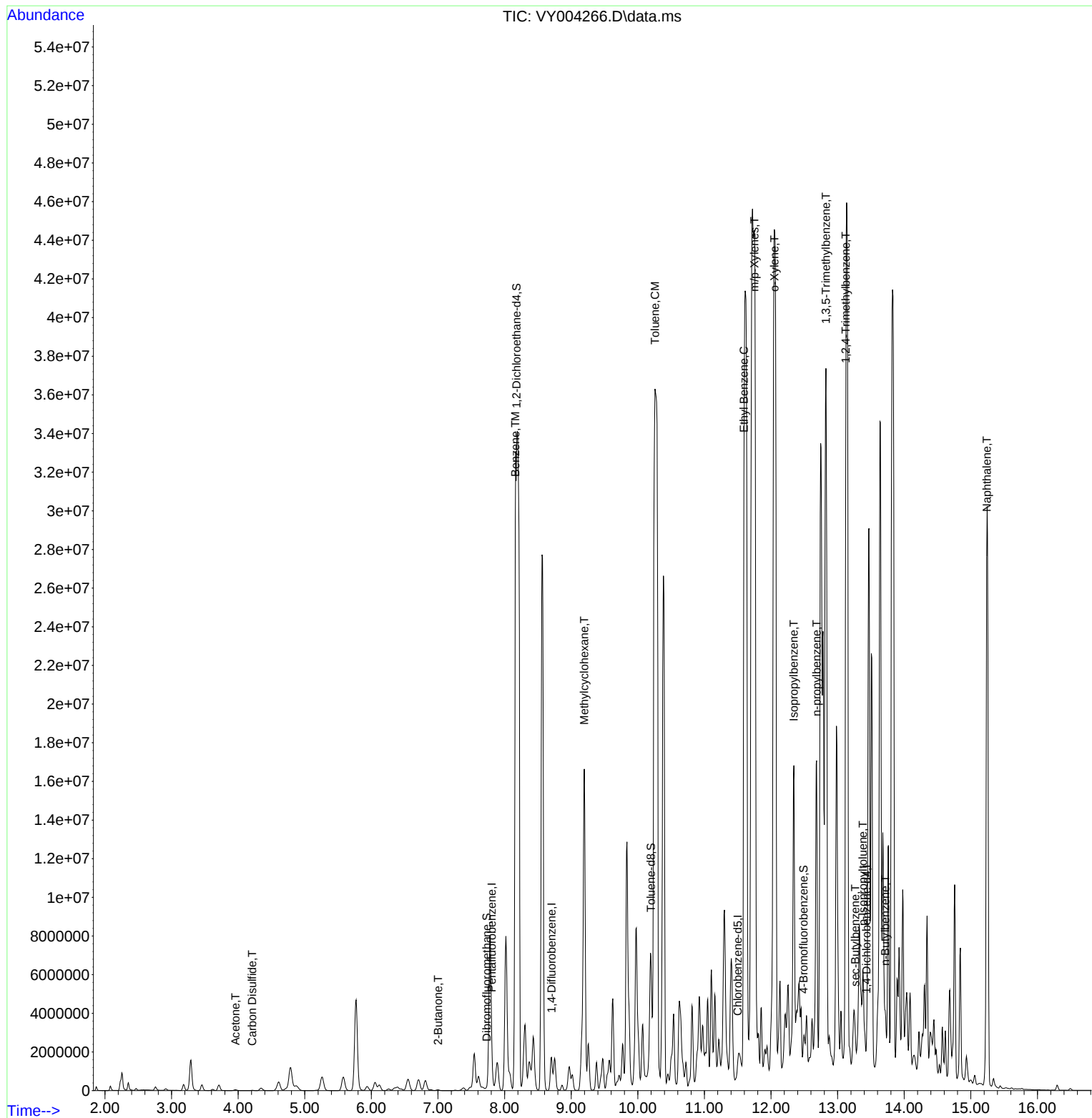
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040221\
Data File : VY004266.D
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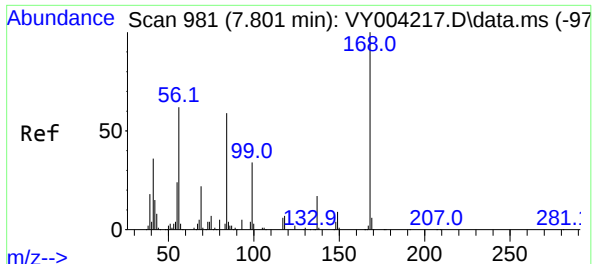
Instrument :
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ClientSampleId :
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Quant Time: Apr 02 23:38:08 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
Quant Title : SW846 8260
QLast Update : Tue Mar 30 06:38:14 2021
Response via : Initial Calibration





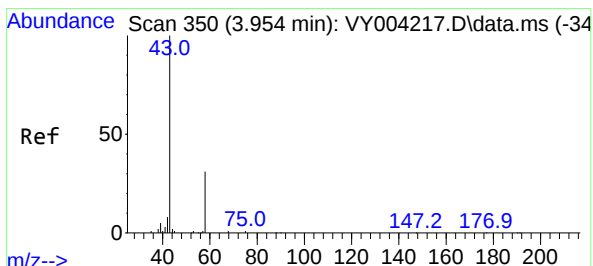
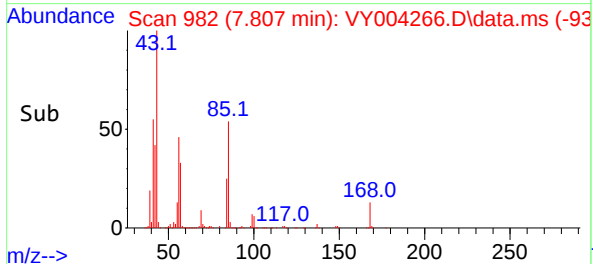
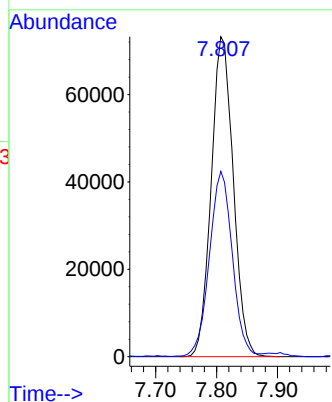
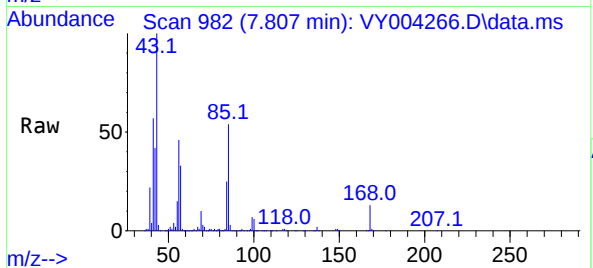
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.807 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY004266.D
Acq: 02 Apr 2021 16:35

Tgt Ion: 168 Resp: 184336
Ion Ratio Lower Upper
168 100
99 57.7 42.6 64.0

Instrument :
MSVOA_Y
ClientSampleId :
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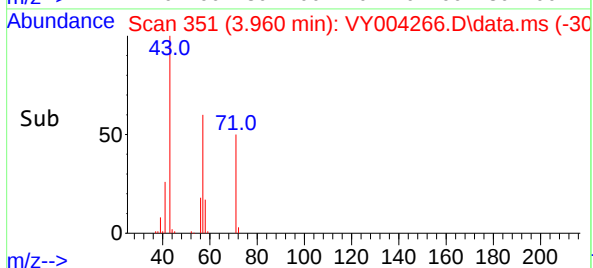
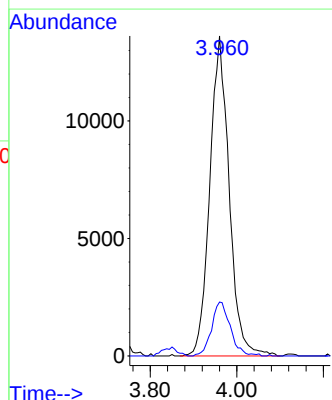
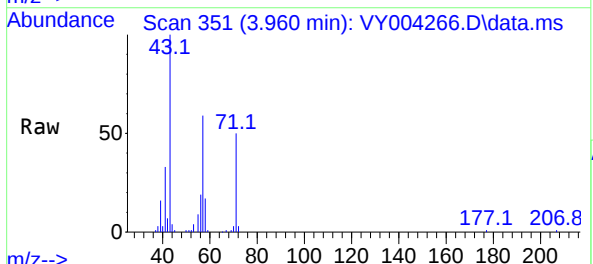
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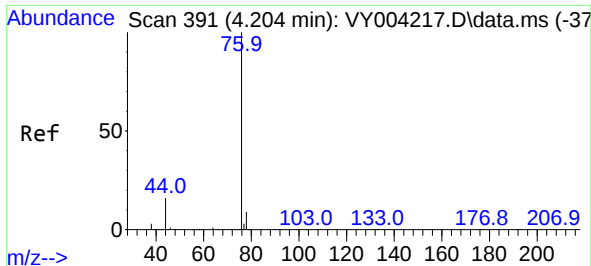
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#16
Acetone
Concen: 114.42 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY004266.D
Acq: 02 Apr 2021 16:35

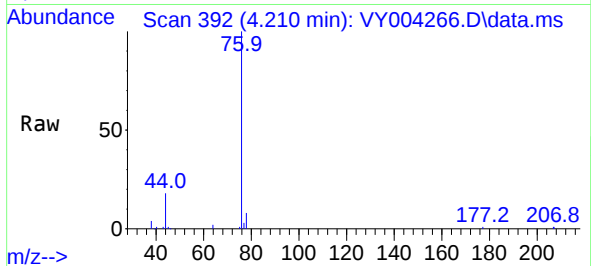
Tgt Ion: 43 Resp: 42241
Ion Ratio Lower Upper
43 100
58 16.9 24.5 36.7#





#17
Carbon Disulfide
Concen: 8.82 ug/l
RT: 4.210 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY004266.D
Acq: 02 Apr 2021 16:35

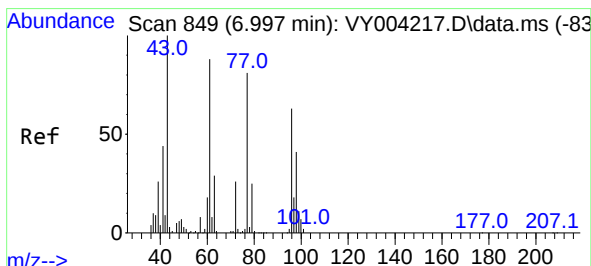
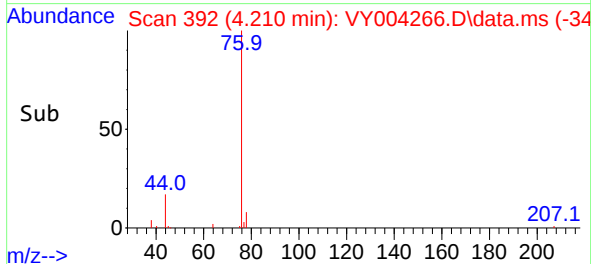
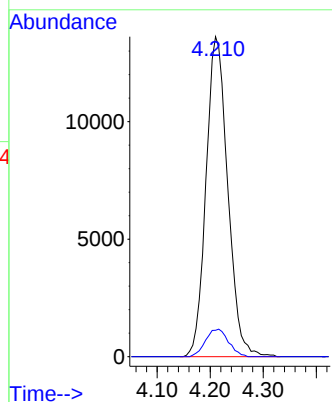
Instrument :
MSVOA_Y
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Tgt Ion: 76 Resp: 38656
Ion Ratio Lower Upper
76 100
78 8.3 7.4 11.2

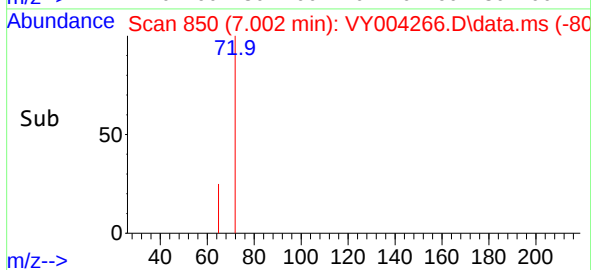
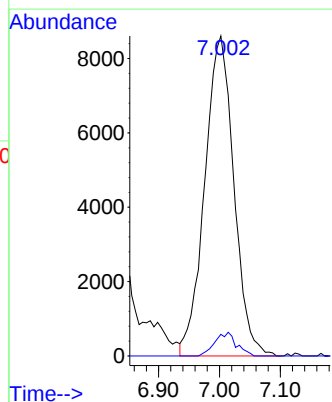
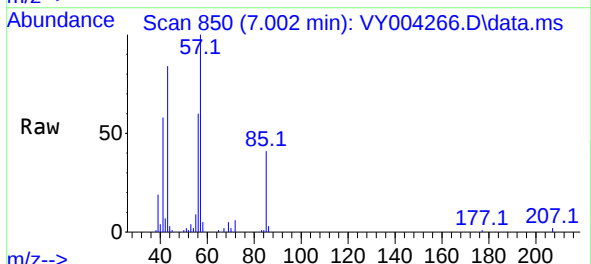
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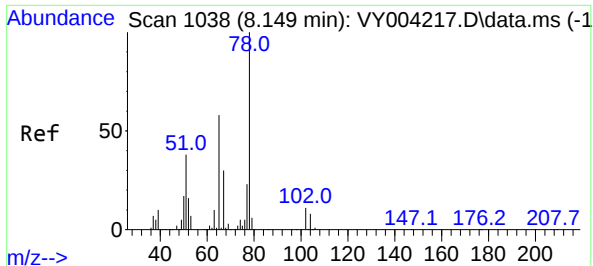
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#25
2-Butanone
Concen: 46.44 ug/l
RT: 7.002 min Scan# 850
Delta R.T. 0.006 min
Lab File: VY004266.D
Acq: 02 Apr 2021 16:35

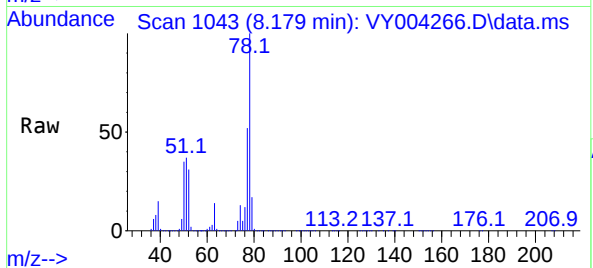
Tgt Ion: 43 Resp: 28642
Ion Ratio Lower Upper
43 100
72 6.8 21.0 31.6#





#33
1,2-Dichloroethane-d4
Concen: 49.42 ug/l
RT: 8.179 min Scan# 1043
Delta R.T. 0.030 min
Lab File: VY004266.D
Acq: 02 Apr 2021 16:35

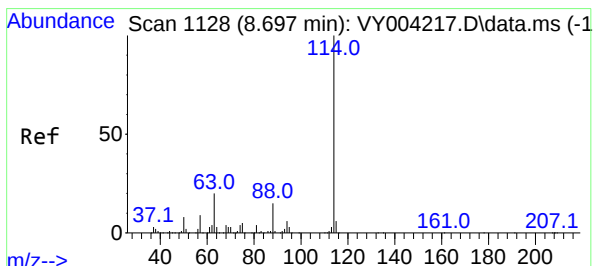
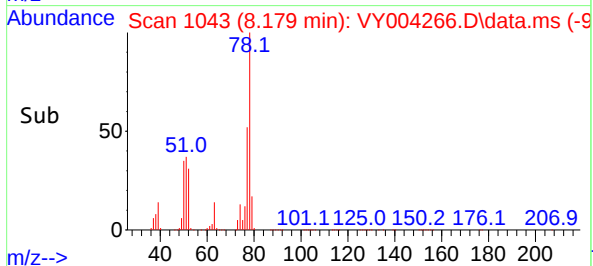
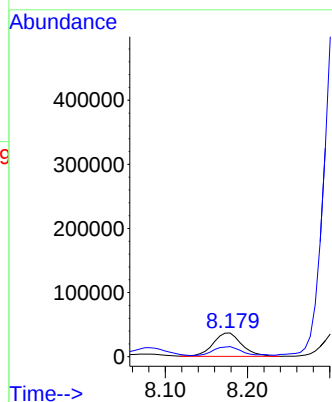
Instrument :
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ClientSampleId :
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Tgt Ion: 65 Resp: 87578
Ion Ratio Lower Upper
65 100
67 0.0 0.0 103.2

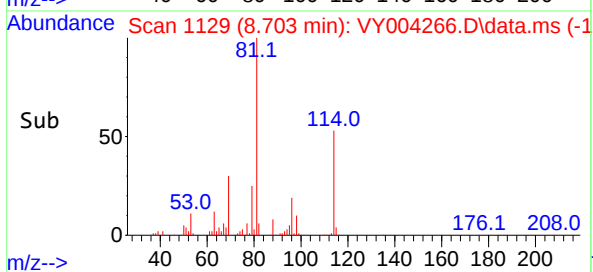
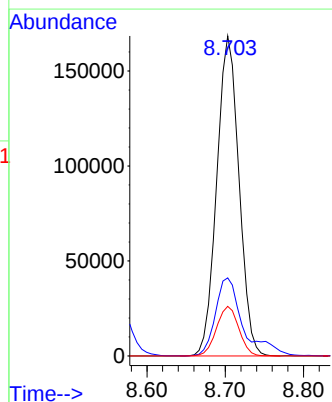
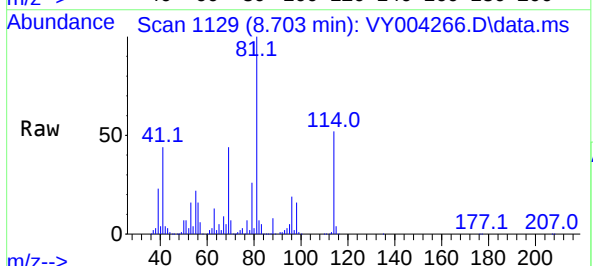
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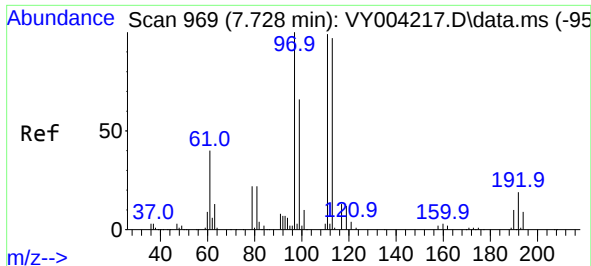
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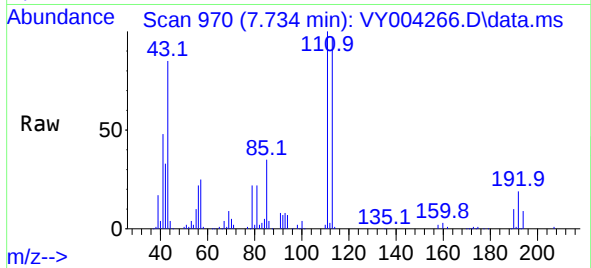
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.703 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VY004266.D
Acq: 02 Apr 2021 16:35

Tgt Ion: 114 Resp: 332380
Ion Ratio Lower Upper
114 100
63 24.3 0.0 40.4
88 15.5 0.0 30.8

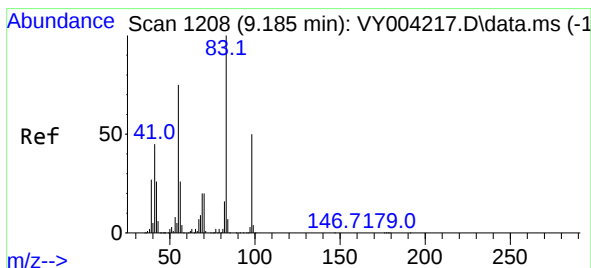
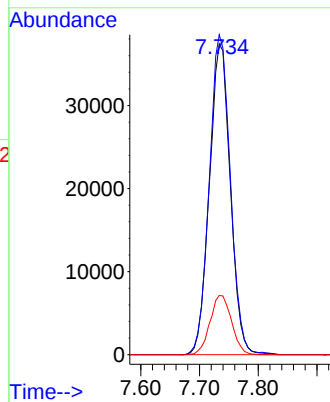
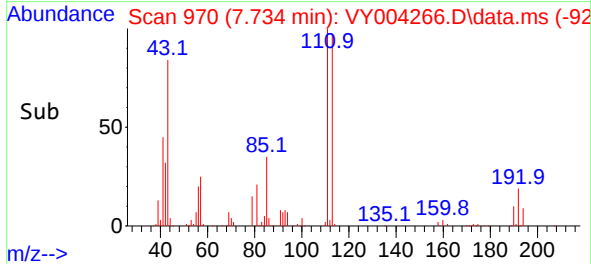




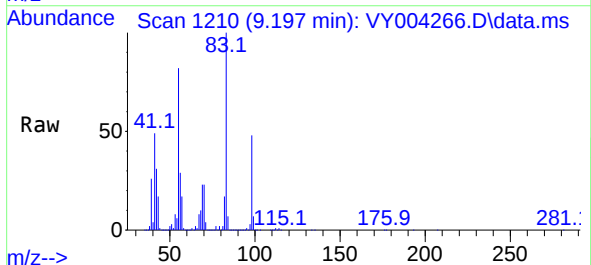
#35
Dibromofluoromethane
Concen: 49.91 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY004266.D
Acq: 02 Apr 2021 16:35



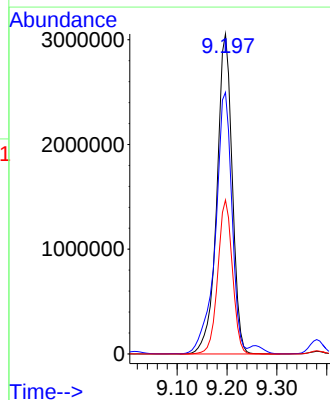
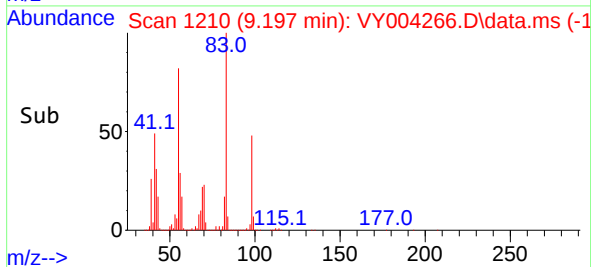
Tgt Ion: 113 Resp: 92432
Ion Ratio Lower Upper
113 100
111 103.8 82.6 124.0
192 19.6 16.4 24.6



#39
Methylcyclohexane
Concen: 1740.56 ug/l
RT: 9.197 min Scan# 1210
Delta R.T. 0.012 min
Lab File: VY004266.D
Acq: 02 Apr 2021 16:35



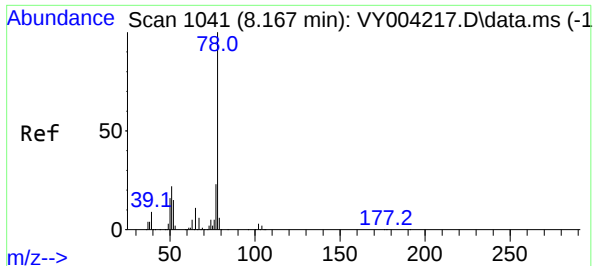
Tgt Ion: 83 Resp: 6538845
Ion Ratio Lower Upper
83 100
55 81.7 60.0 90.0
98 48.1 40.2 60.2



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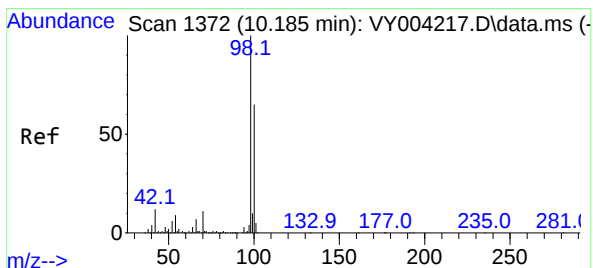
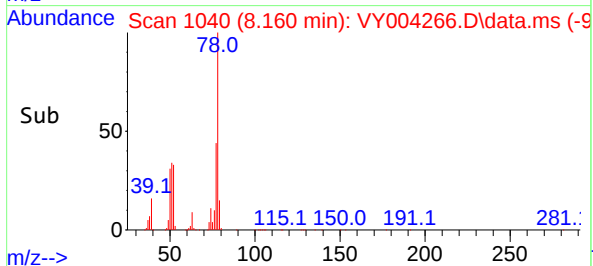
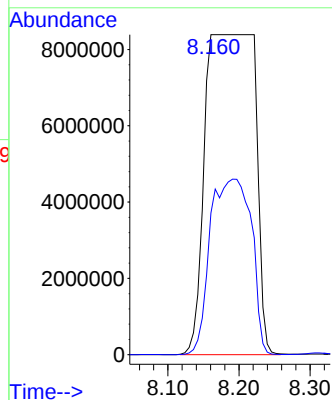
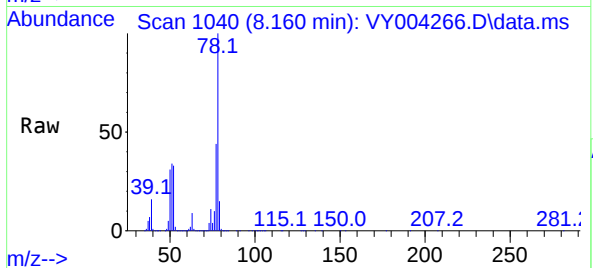
#40
Benzene
Concen: 4752.09 ug/l m
RT: 8.160 min Scan# 1040
Delta R.T. -0.007 min
Lab File: VY004266.D
Acq: 02 Apr 2021 16:35

Tgt Ion: 78 Resp: 40870846
Ion Ratio Lower Upper
78 100
77 44.3 18.3 27.5#

Instrument :
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ClientSampleId :
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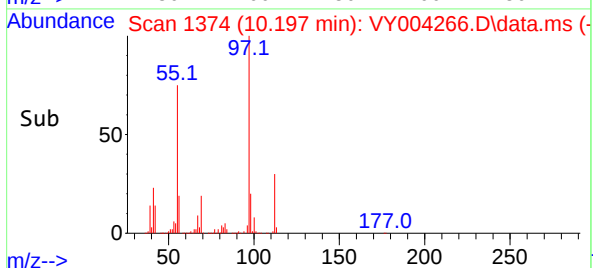
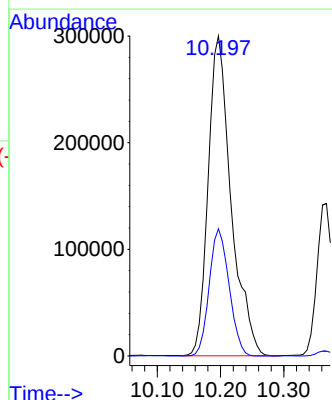
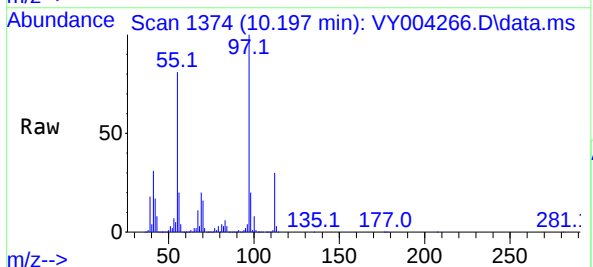
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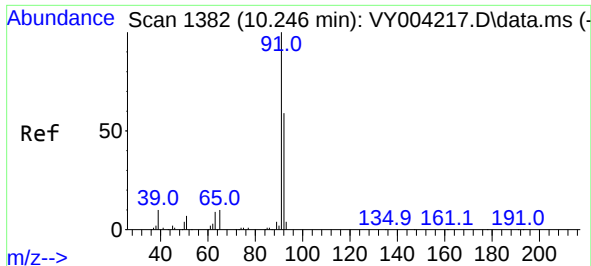
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#50
Toluene-d8
Concen: 108.79 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.012 min
Lab File: VY004266.D
Acq: 02 Apr 2021 16:35

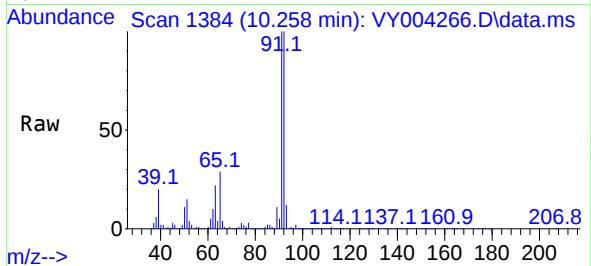
Tgt Ion: 98 Resp: 757751
Ion Ratio Lower Upper
98 100
100 34.3 52.5 78.7#





#52
Toluene
Concen: 5834.61 ug/l m
RT: 10.258 min Scan# 1384
Delta R.T. 0.012 min
Lab File: VY004266.D
Acq: 02 Apr 2021 16:35

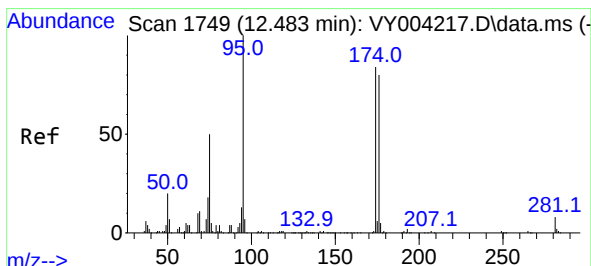
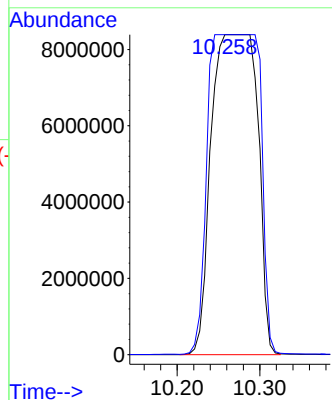
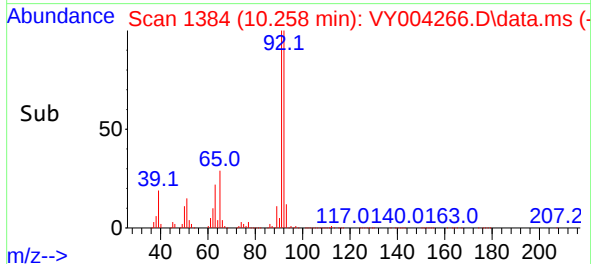
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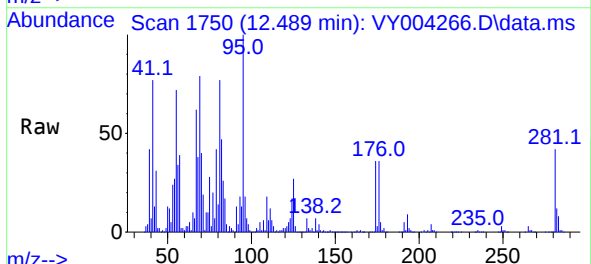
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Ion Ratio Lower Upper
92 100
91 0.0 136.0 204.0#

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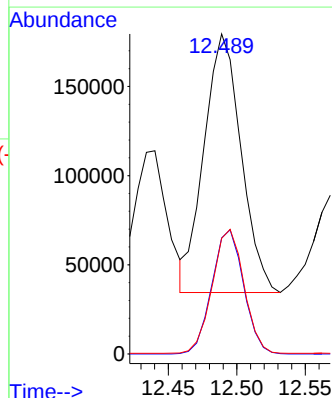
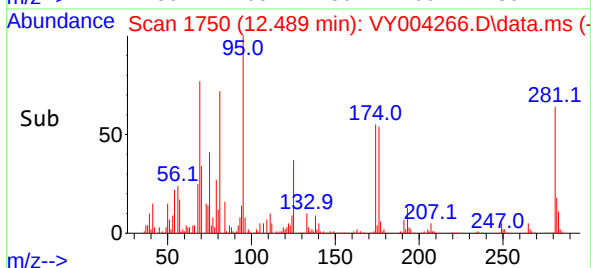
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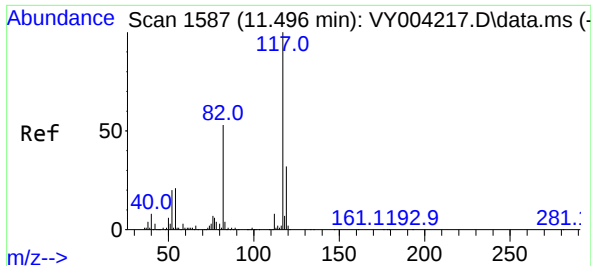


#62
4-Bromofluorobenzene
Concen: 114.42 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY004266.D
Acq: 02 Apr 2021 16:35



Tgt Ion: 95 Resp: 273146
Ion Ratio Lower Upper
95 100
174 41.0 0.0 171.4
176 40.9 0.0 165.6





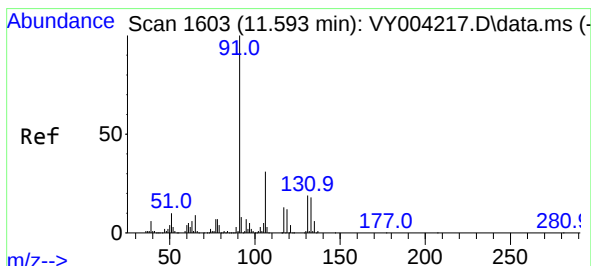
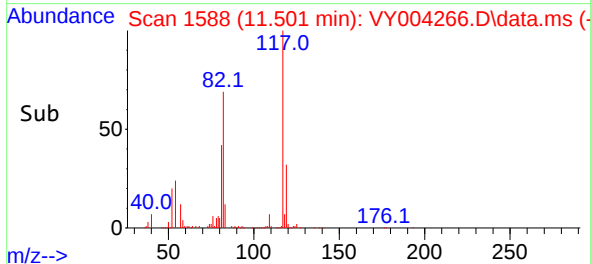
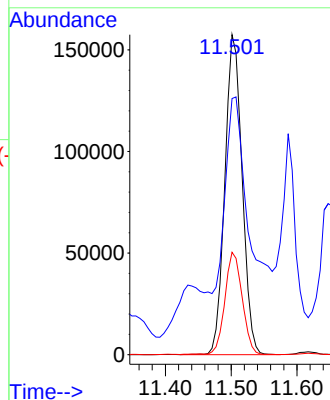
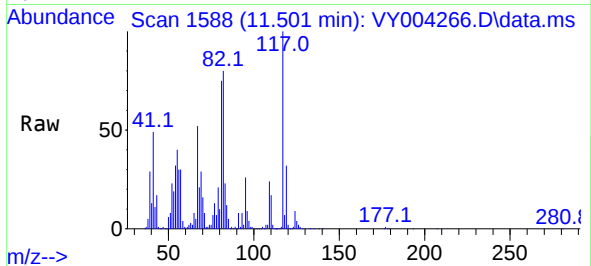
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.501 min Scan# 1588
Delta R.T. 0.006 min
Lab File: VY004266.D
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Tgt Ion:117 Resp: 288008
Ion Ratio Lower Upper
117 100
82 63.7 42.7 64.1
119 31.9 25.7 38.5

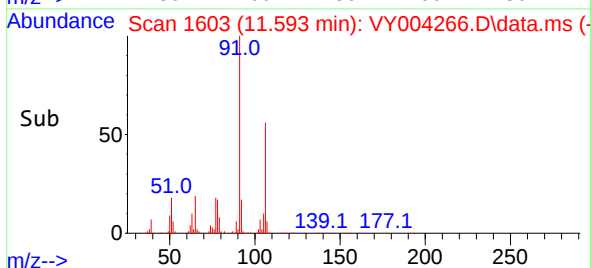
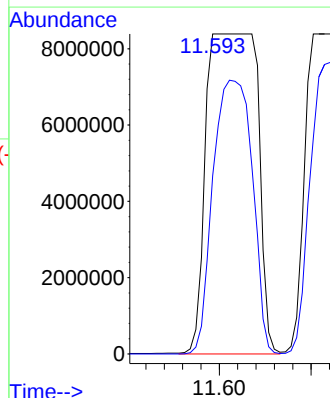
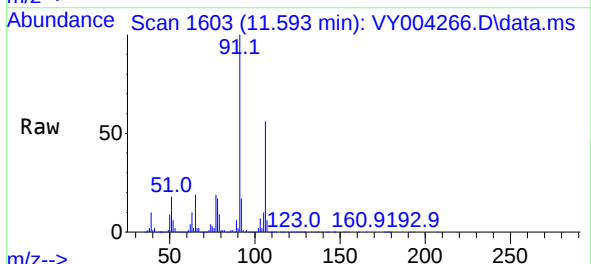
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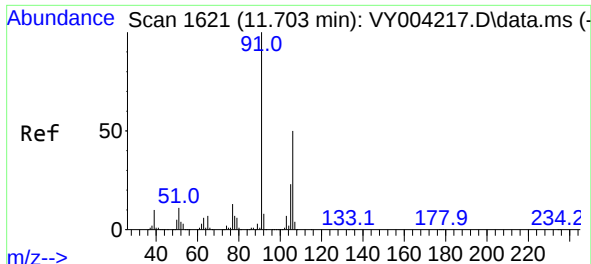
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#67
Ethyl Benzene
Concen: 3099.83 ug/l m
RT: 11.593 min Scan# 1603
Delta R.T. -0.001 min
Lab File: VY004266.D
Acq: 02 Apr 2021 16:35

Tgt Ion: 91 Resp:32332476
Ion Ratio Lower Upper
91 100
106 55.7 25.0 37.6#





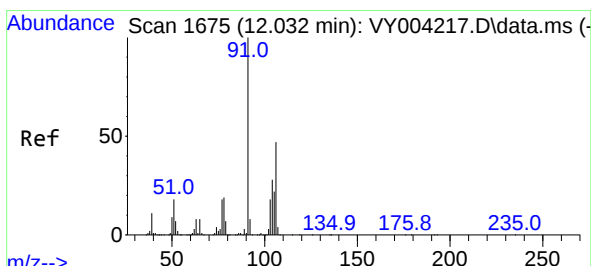
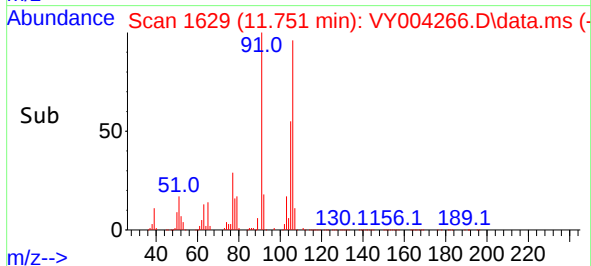
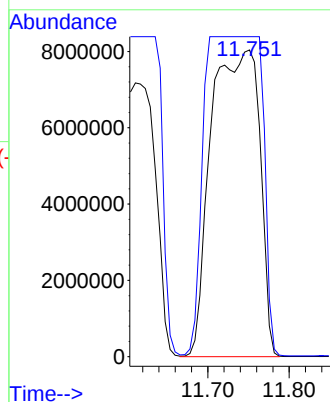
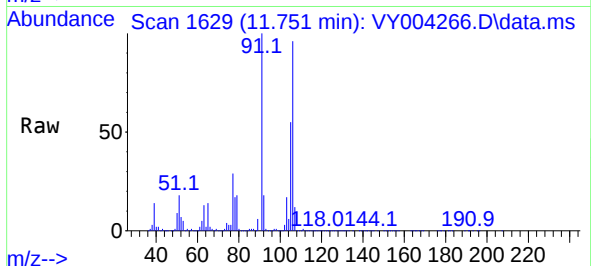
#68
m/p-Xylenes
Concen: 8306.04 ug/l m
RT: 11.751 min Scan# 1629
Delta R.T. 0.048 min
Lab File: VY004266.D
Acq: 02 Apr 2021 16:35

Instrument :
MSVOA_Y
ClientSampleId :
FS-SB-10-26-27

Tgt Ion:106 Resp:33265644
Ion Ratio Lower Upper
106 100
91 0.0 159.8 239.6#

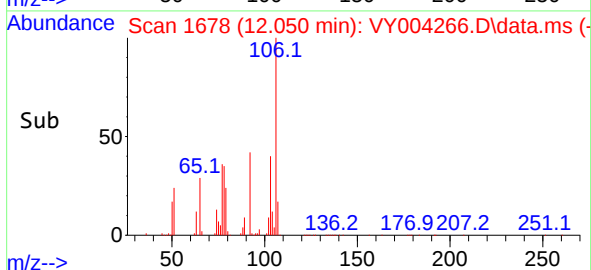
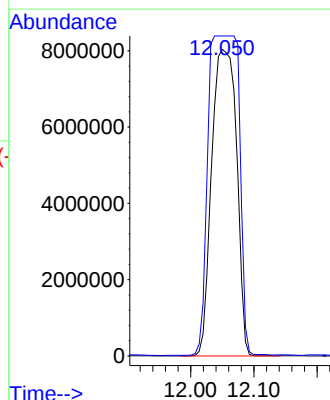
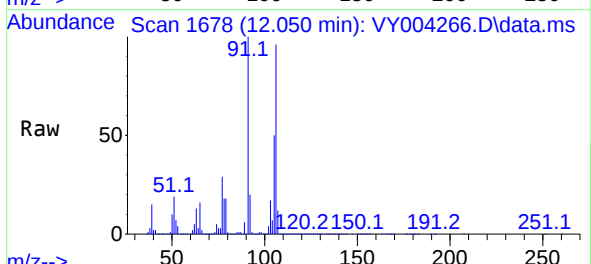
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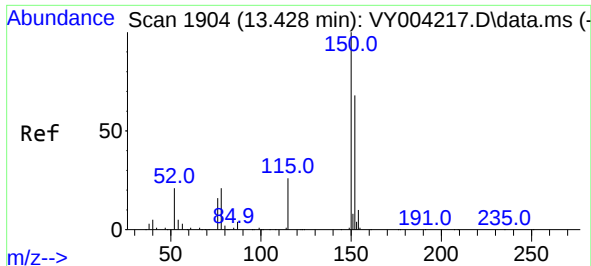
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#69
o-Xylene
Concen: 5839.08 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.018 min
Lab File: VY004266.D
Acq: 02 Apr 2021 16:35

Tgt Ion:106 Resp:21881116
Ion Ratio Lower Upper
106 100
91 0.0 105.6 316.8#





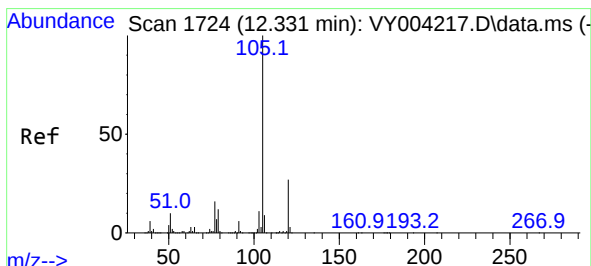
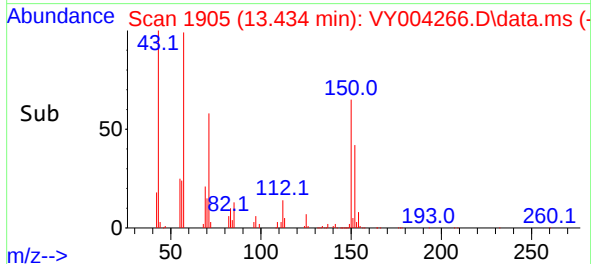
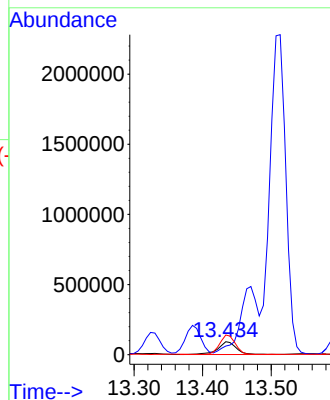
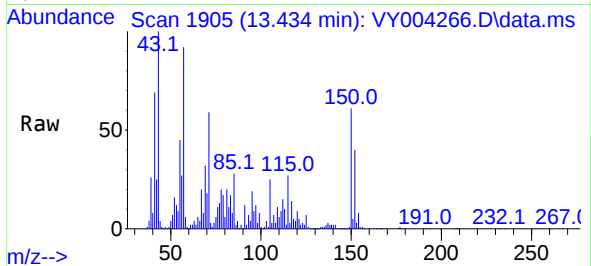
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY004266.D
Acq: 02 Apr 2021 16:35

Tgt Ion:152 Resp: 167859
Ion Ratio Lower Upper
152 100
115 0.0 29.0 87.1#
150 129.8 0.0 347.4

Instrument :
MSVOA_Y
ClientSampleId :
FS-SB-10-26-27

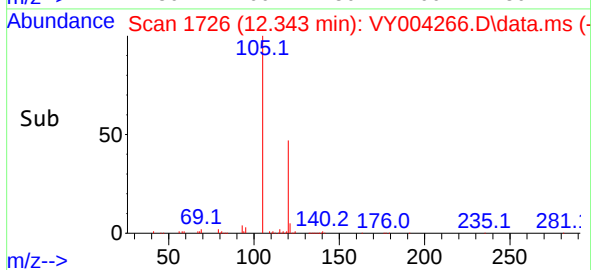
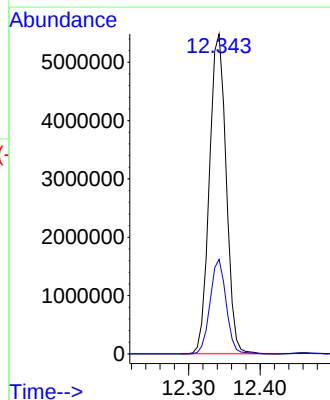
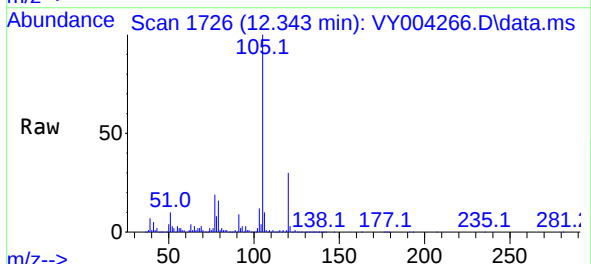
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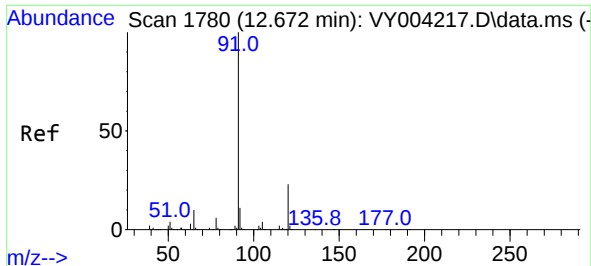
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#73
Isopropylbenzene
Concen: 728.91 ug/l
RT: 12.343 min Scan# 1726
Delta R.T. 0.012 min
Lab File: VY004266.D
Acq: 02 Apr 2021 16:35

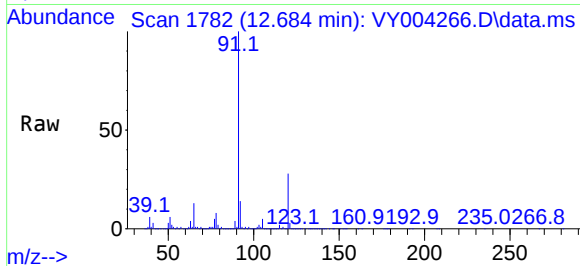
Tgt Ion:105 Resp: 8938871
Ion Ratio Lower Upper
105 100
120 28.3 13.7 41.0





#78
n-propylbenzene
Concen: 857.06 ug/l
RT: 12.684 min Scan# 1782
Delta R.T. 0.012 min
Lab File: VY004266.D
Acq: 02 Apr 2021 16:35

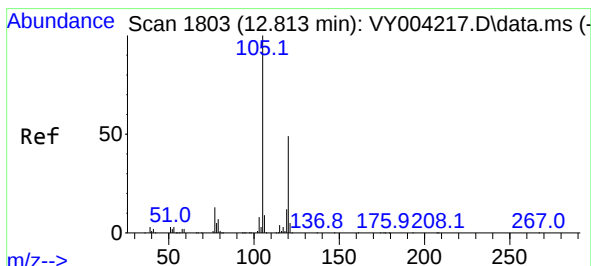
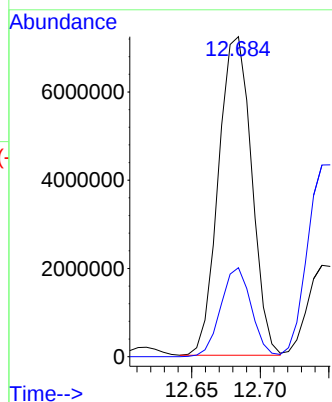
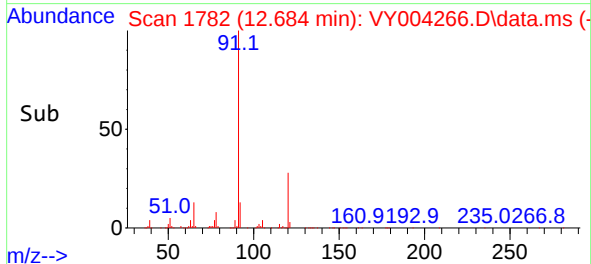
Instrument :
MSVOA_Y
ClientSampleId :
FS-SB-10-26-27



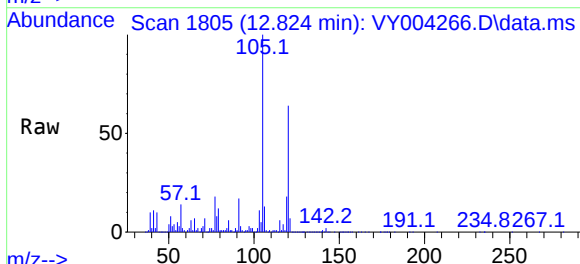
Tgt Ion: 91 Resp:12160307
Ion Ratio Lower Upper
91 100
120 25.8 11.9 35.5

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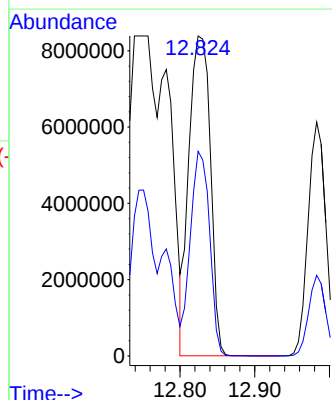
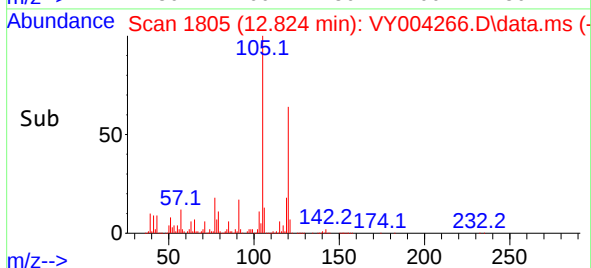
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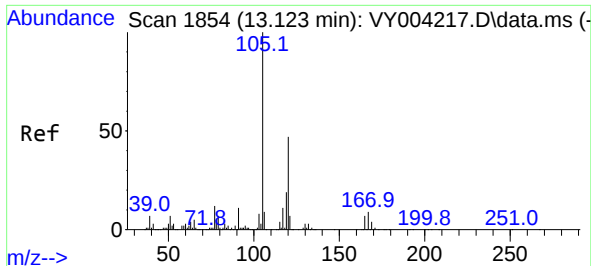


#80
1,3,5-Trimethylbenzene
Concen: 1670.44 ug/l
RT: 12.824 min Scan# 1805
Delta R.T. 0.012 min
Lab File: VY004266.D
Acq: 02 Apr 2021 16:35



Tgt Ion:105 Resp:16711084
Ion Ratio Lower Upper
105 100
120 57.4 24.9 74.7





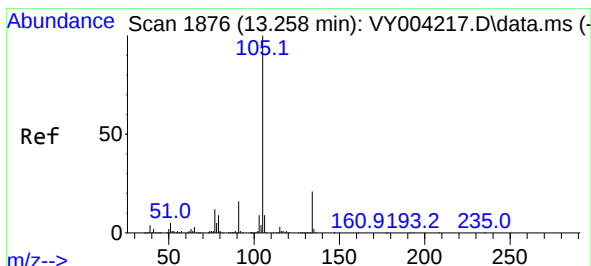
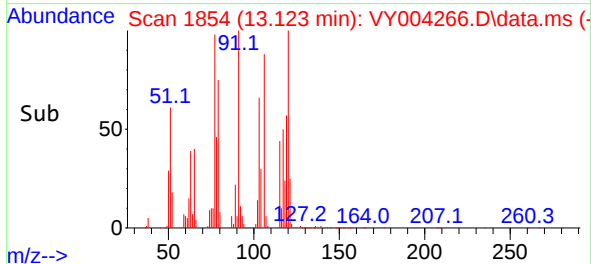
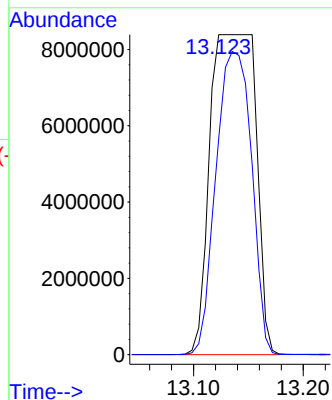
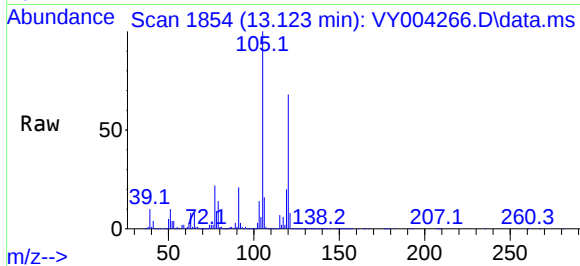
#84
1,2,4-Trimethylbenzene
Concen: 2423.78 ug/l m
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY004266.D
Acq: 02 Apr 2021 16:35

Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion:105 Resp:24321262
Ion Ratio Lower Upper
105 100
120 13.6 22.9 68.7#

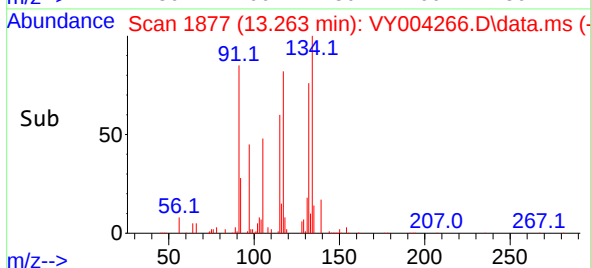
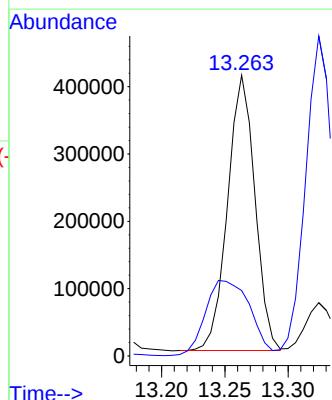
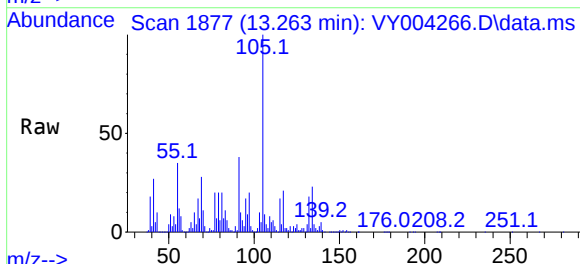
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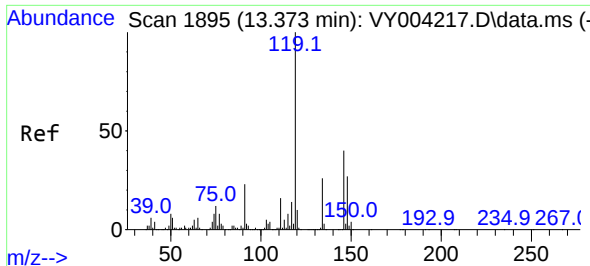
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#85
sec-Butylbenzene
Concen: 51.68 ug/l
RT: 13.263 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VY004266.D
Acq: 02 Apr 2021 16:35

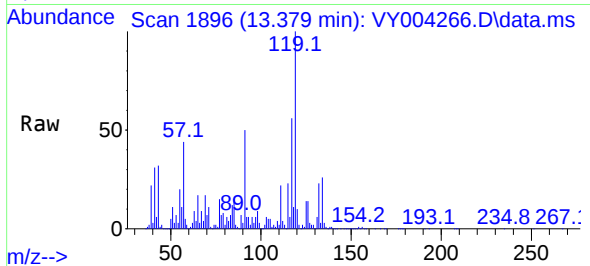
Tgt Ion:105 Resp: 614985
Ion Ratio Lower Upper
105 100
134 44.4 10.4 31.4#





#86
p-Isopropyltoluene
Concen: 99.80 ug/l m
RT: 13.379 min Scan# 1896
Delta R.T. 0.006 min
Lab File: VY004266.D
Acq: 02 Apr 2021 16:35

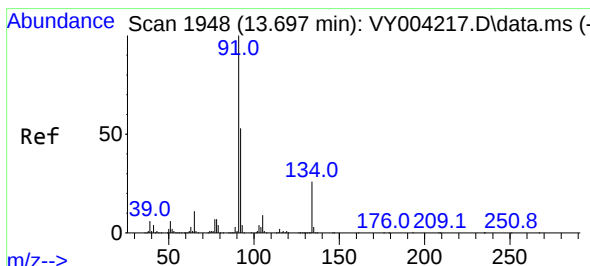
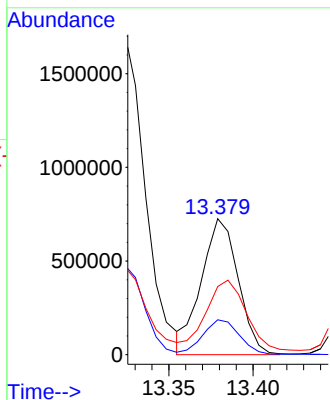
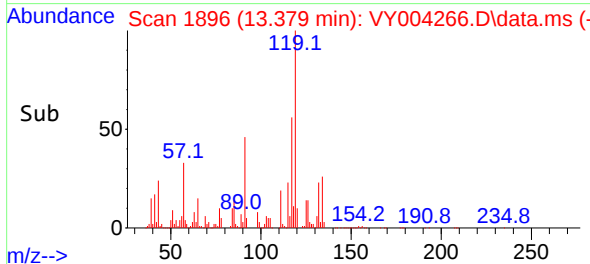
Instrument :
MSVOA_Y
ClientSampleId :
FS-SB-10-26-27



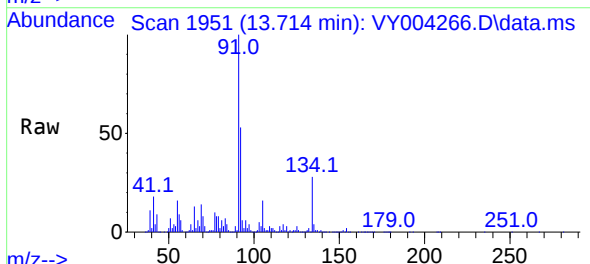
Tgt Ion: 119 Resp: 1104772
Ion Ratio Lower Upper
119 100
134 65.2 13.3 39.9#
91 62.9 12.0 36.0#

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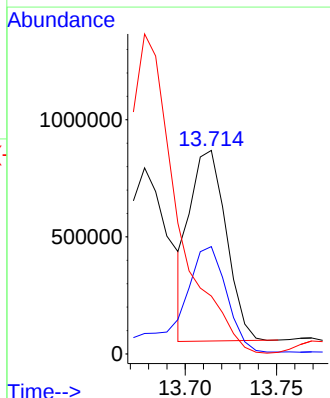
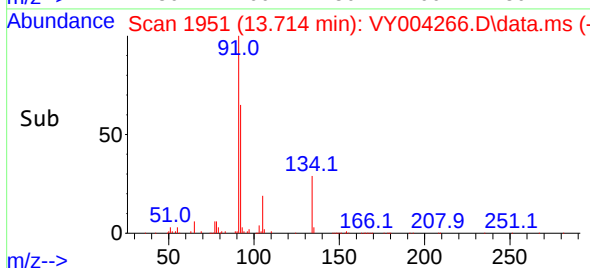
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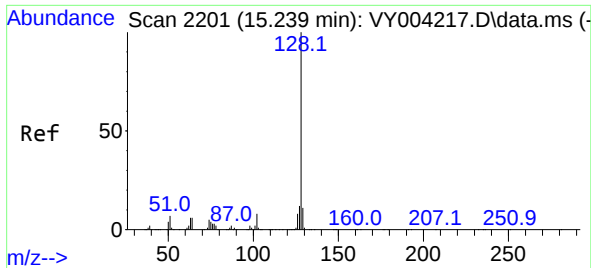


#89
n-Butylbenzene
Concen: 110.03 ug/l
RT: 13.714 min Scan# 1951
Delta R.T. 0.018 min
Lab File: VY004266.D
Acq: 02 Apr 2021 16:35

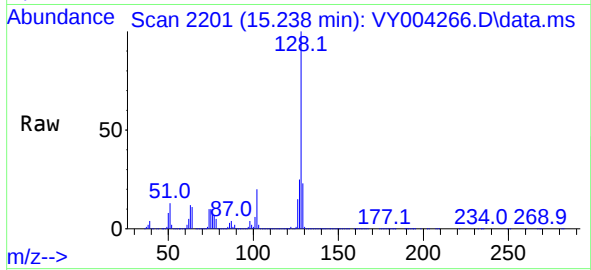


Tgt Ion: 91 Resp: 1120070
Ion Ratio Lower Upper
91 100
92 70.3 26.5 79.4
134 0.0 13.6 40.7#

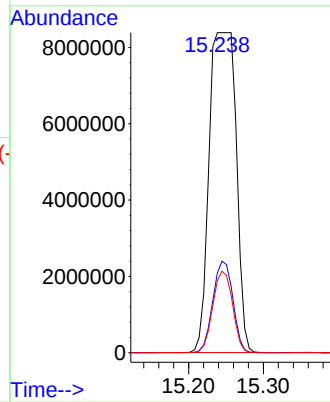
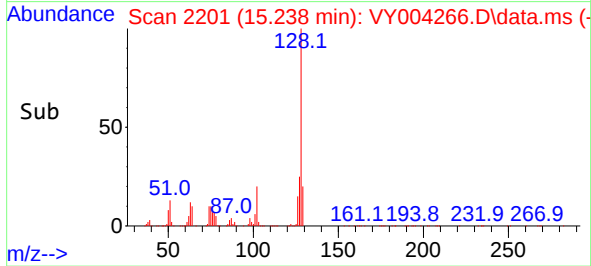




#95
Naphthalene
Concen: 2903.64 ug/l
RT: 15.238 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY004266.D
Acq: 02 Apr 2021 16:35



Tgt Ion:128 Resp:21048815
Ion Ratio Lower Upper
128 100
127 21.1 10.1 15.1#
129 18.6 8.9 13.3#



Instrument :
MSVOA_Y
ClientSampleId :
FS-SB-10-26-27

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