

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041521\
 Data File : VY004436.D
 Acq On : 15 Apr 2021 13:01
 Operator : SY/MD
 Sample : M2047-06
 Misc : 7.85G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 124-SB-1

Manual Integrations
 APPROVED

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 4/16/2021 1:08:01 PM

Quant Time: Apr 16 05:03:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.819	168	137845	50.00	ug/l	# 0.02
34) 1,4-Difluorobenzene	8.709	114	253767	50.00	ug/l	# 0.01
63) Chlorobenzene-d5	11.508	117	254596	50.00	ug/l	# 0.01
72) 1,4-Dichlorobenzene-d4	13.434	152	94582	50.00	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.118	65	283981	185.42	ug/l	-0.04
Spiked Amount 50.000	Range 50 - 163		Recovery = 370.84%#			
35) Dibromofluoromethane	7.734	113	17213	12.22	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 24.44%#			
50) Toluene-d8	10.227	98	5297951	884.42	ug/l	0.04
Spiked Amount 50.000	Range 49 - 140		Recovery = 1768.84%#			
62) 4-Bromofluorobenzene	12.489	95	1049643	516.36	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 1032.72%#			
Target Compounds						Qvalue
10) Methyl Iodide	4.101	142	6096	3.76	ug/l	100
17) Carbon Disulfide	4.198	76	14998	3.64	ug/l #	94
31) Cyclohexane	7.844	56	28011056m	9976.55	ug/l	
39) Methylcyclohexane	9.252	83	46054495	14834.67	ug/l #	86
40) Benzene	8.197	78	263326	37.16	ug/l #	78
67) Ethyl Benzene	11.599	91	37145643m	3821.08	ug/l	
68) m/p-Xylenes	11.733	106	17625499	4879.34	ug/l #	64
69) o-Xylene	12.050	106	5259860	1553.84	ug/l	98
73) Isopropylbenzene	12.343	105	20344608	2783.63	ug/l	80
78) n-propylbenzene	12.672	91	26070490m	3019.47	ug/l	
80) 1,3,5-Trimethylbenzene	12.825	105	9680241	1629.56	ug/l	95
83) tert-Butylbenzene	13.087	119	494877	97.33	ug/l	86
84) 1,2,4-Trimethylbenzene	13.117	105	23501715m	3920.39	ug/l	
85) sec-Butylbenzene	13.264	105	4188852	590.60	ug/l #	54
86) p-Isopropyltoluene	13.373	119	1846693	286.23	ug/l	96
89) n-Butylbenzene	13.703	91	4792742	778.28	ug/l #	74
95) Naphthalene	15.239	128	2272849	582.18	ug/l	99

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

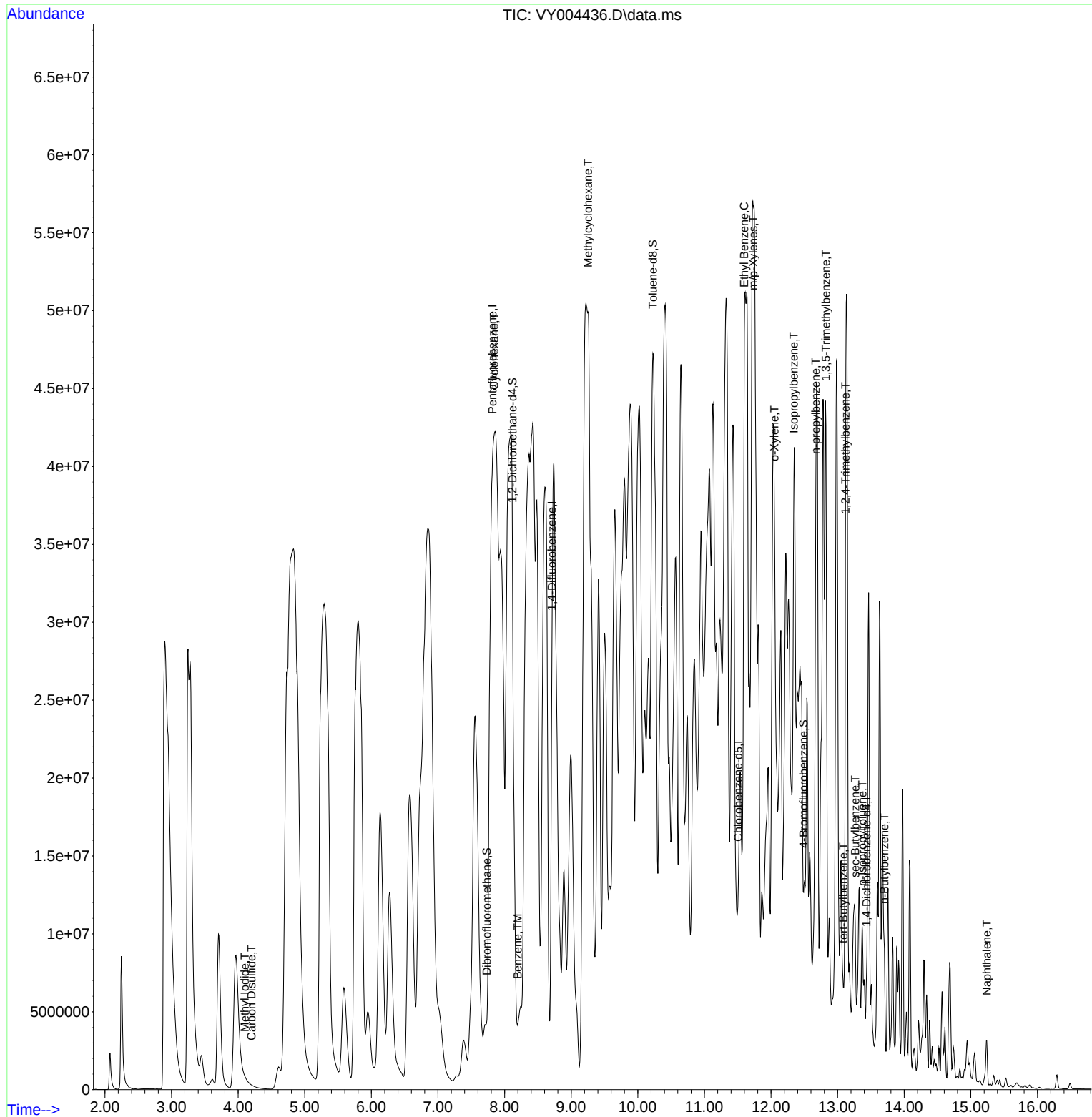
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041521\
Data File : VY004436.D
Acq On : 15 Apr 2021 13:01
Operator : SY/MD
Sample : M2047-06
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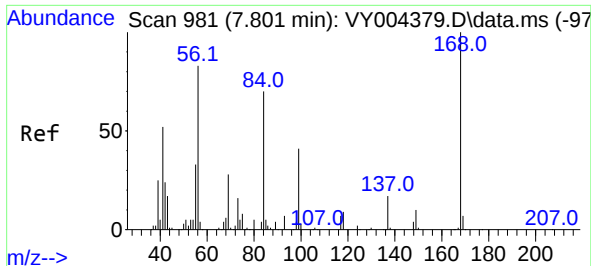
Instrument :
MSVOA_Y
ClientSampleId :
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Manual Integrations
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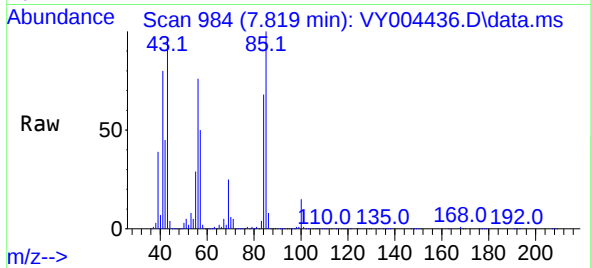
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Quant Time: Apr 16 05:03:24 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
Response via : Initial Calibration

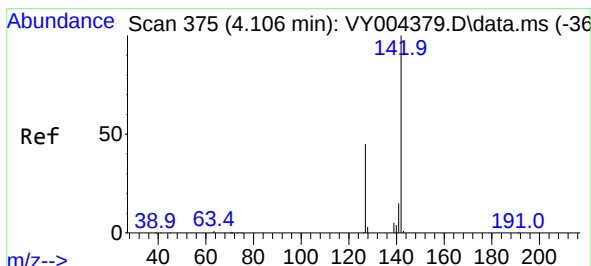
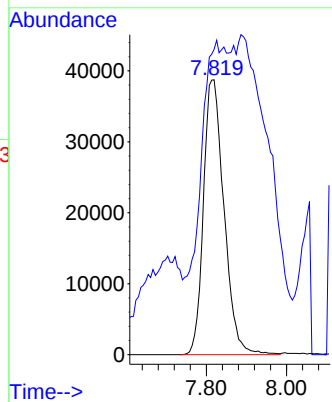
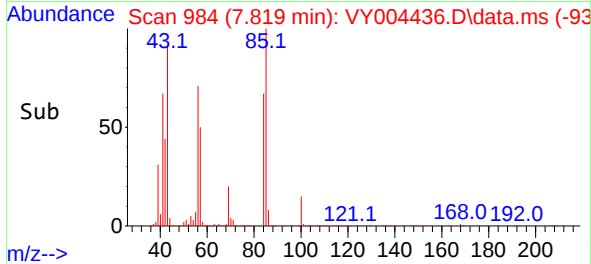




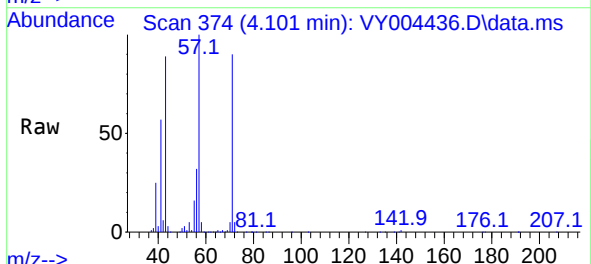
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.819 min Scan# 984
Delta R.T. 0.018 min
Lab File: VY004436.D
Acq: 15 Apr 2021 13:01



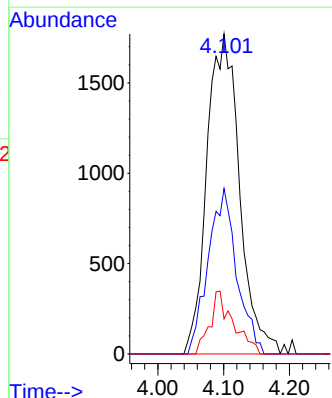
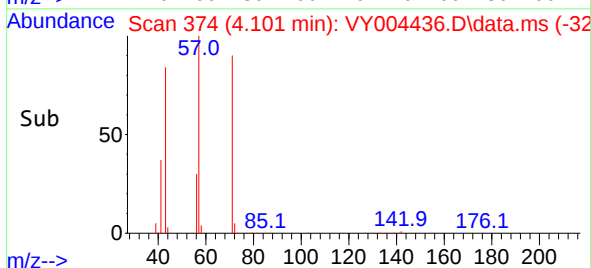
Tgt Ion:168 Resp: 137845
Ion Ratio Lower Upper
168 100
99 80.2 45.5 68.3#



#10
Methyl Iodide
Concen: 3.76 ug/l
RT: 4.101 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY004436.D
Acq: 15 Apr 2021 13:01



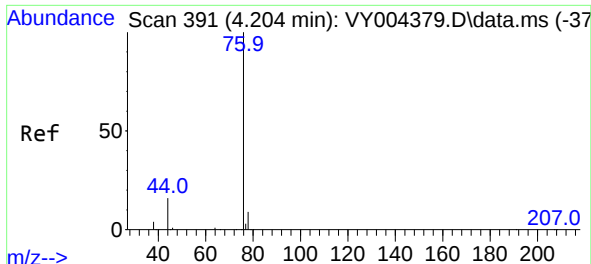
Tgt Ion:142 Resp: 6096
Ion Ratio Lower Upper
142 100
127 45.3 36.2 54.4
141 14.1 11.6 17.4



Instrument :
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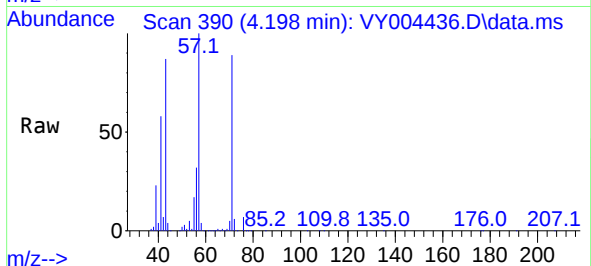
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#17
Carbon Disulfide
Concen: 3.64 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.006 min
Lab File: VY004436.D
Acq: 15 Apr 2021 13:01

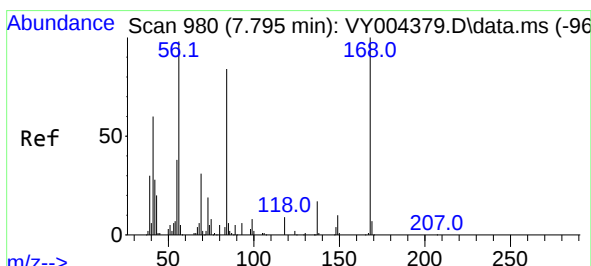
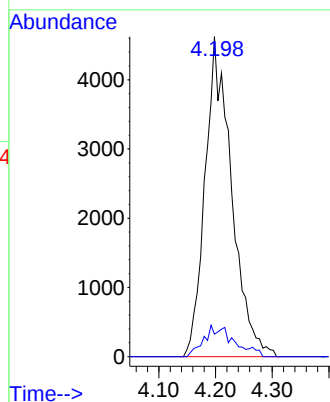
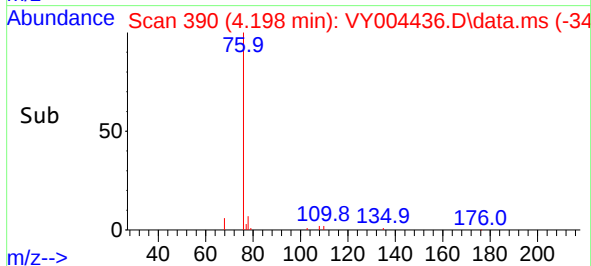
Instrument :
MSVOA_Y
ClientSampled :
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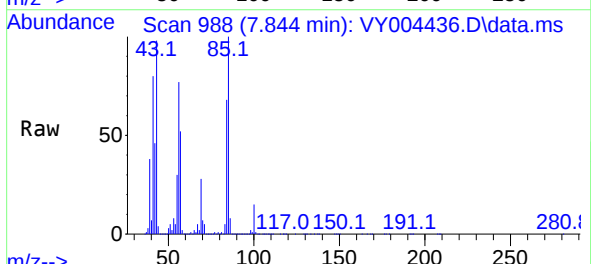
Tgt Ion: 76 Resp: 14998
Ion Ratio Lower Upper
76 100
78 7.0 7.4 11.2#

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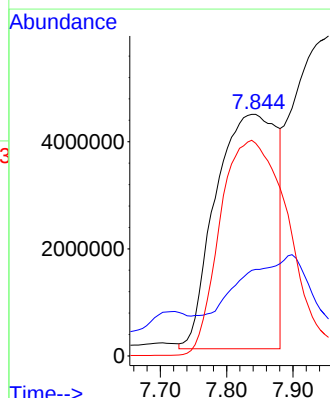
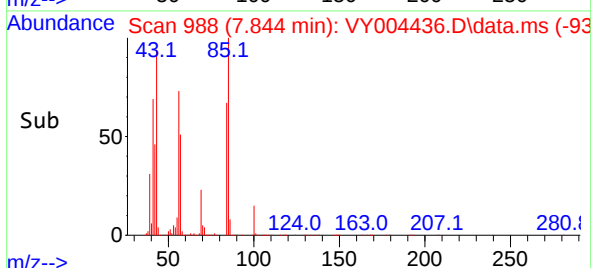
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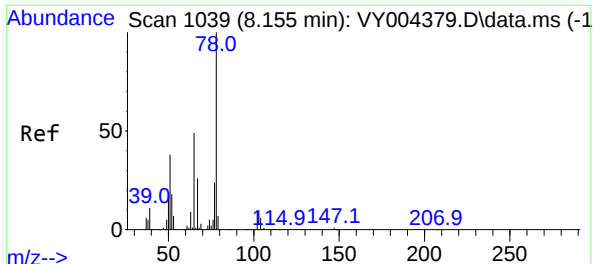


#31
Cyclohexane
Concen: 9976.55 ug/l m
RT: 7.844 min Scan# 988
Delta R.T. 0.049 min
Lab File: VY004436.D
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Tgt Ion: 56 Resp: 28011056
Ion Ratio Lower Upper
56 100
69 35.8 25.8 38.6
84 88.0 68.2 102.4





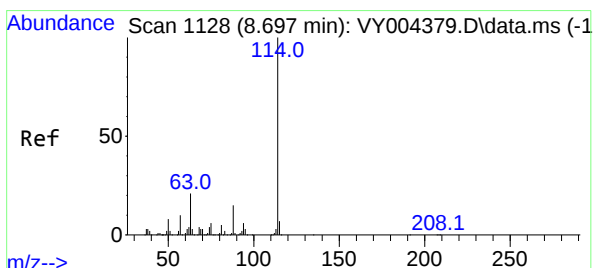
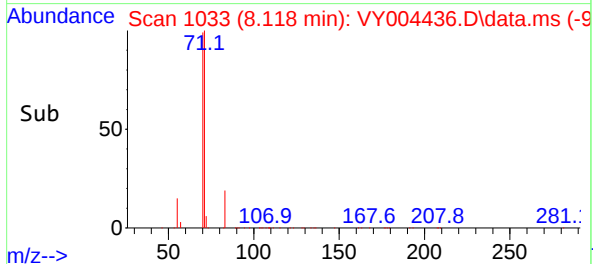
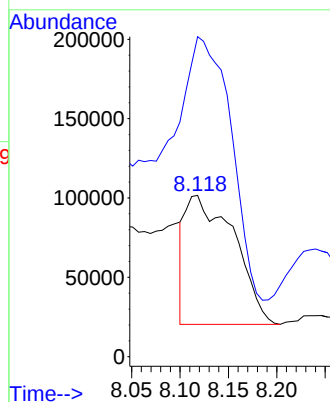
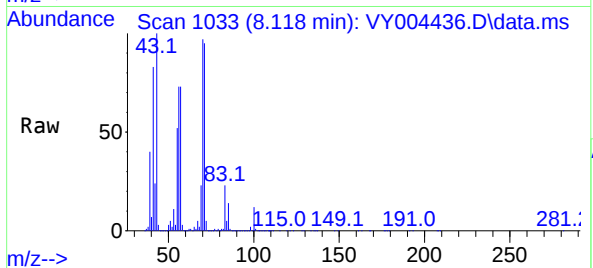
#33
1,2-Dichloroethane-d4
Concen: 185.42 ug/l
RT: 8.118 min Scan# 1033
Delta R.T. -0.036 min
Lab File: VY004436.D
Acq: 15 Apr 2021 13:01

Tgt Ion: 65 Resp: 283981
Ion Ratio Lower Upper
65 100
67 344.2 0.0 106.4#

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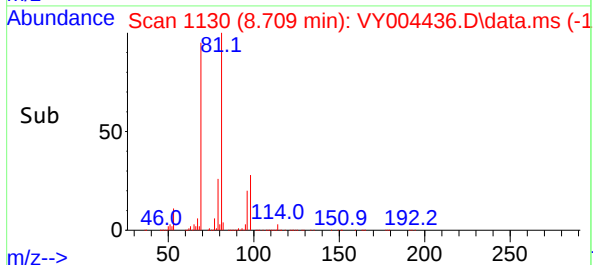
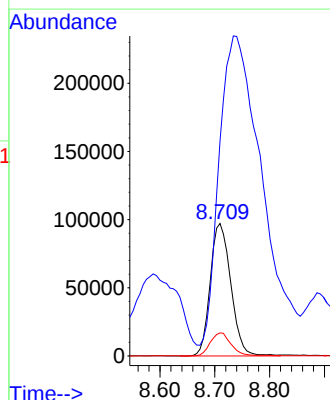
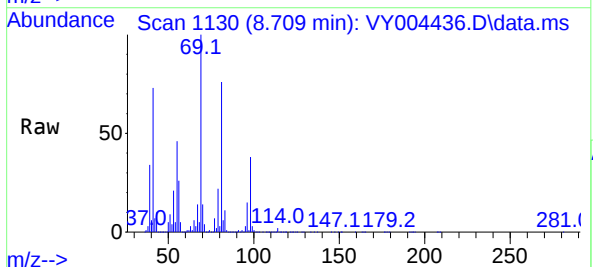
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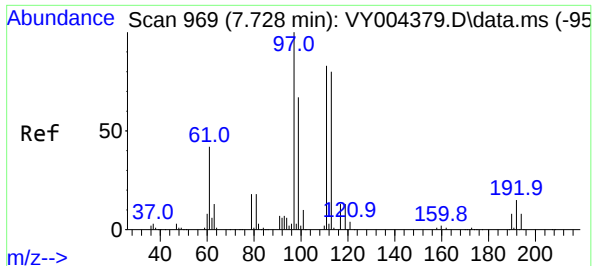
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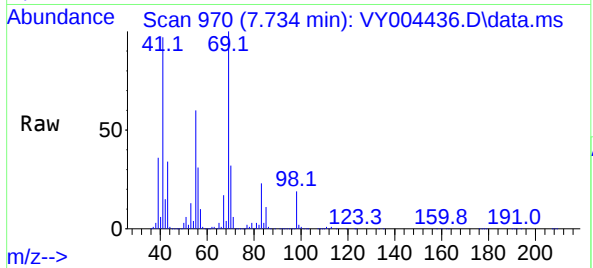
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.709 min Scan# 1130
Delta R.T. 0.012 min
Lab File: VY004436.D
Acq: 15 Apr 2021 13:01

Tgt Ion:114 Resp: 253767
Ion Ratio Lower Upper
114 100
63 117.8 0.0 42.4#
88 17.3 0.0 30.8

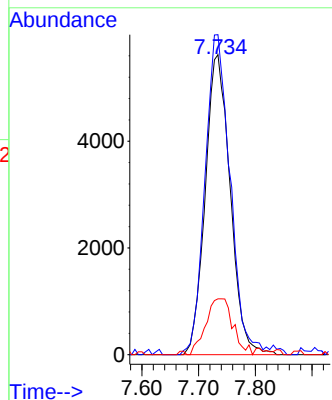




#35
Dibromofluoromethane
Concen: 12.22 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY004436.D
Acq: 15 Apr 2021 13:01



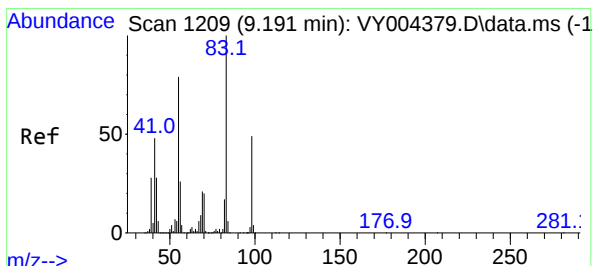
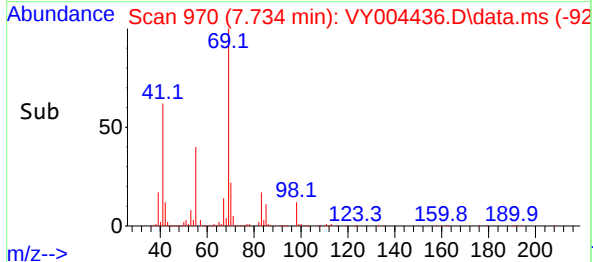
Tgt Ion: 113 Resp: 17213
Ion Ratio Lower Upper
113 100
111 107.5 82.6 123.8
192 20.1 16.1 24.1



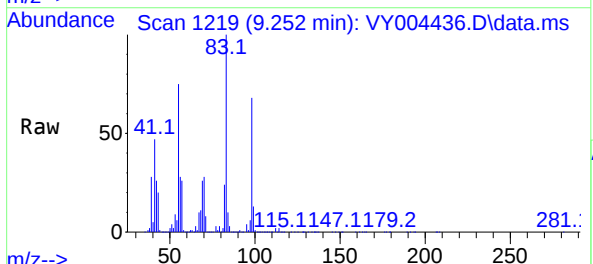
Instrument :
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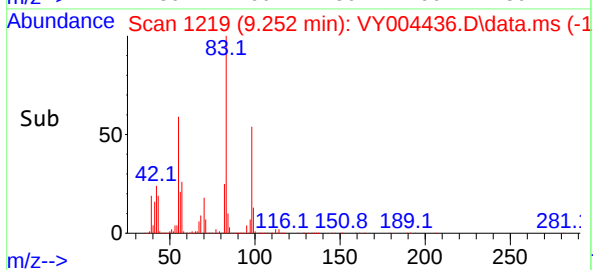
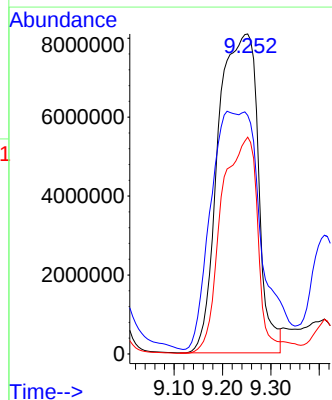
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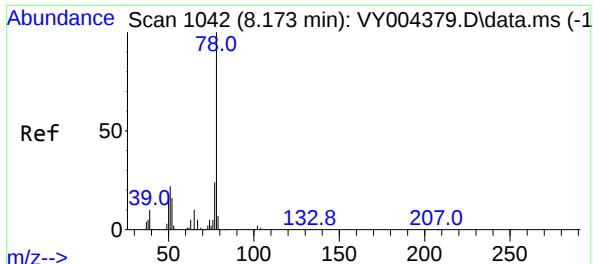


#39
Methylcyclohexane
Concen: 14834.67 ug/l
RT: 9.252 min Scan# 1219
Delta R.T. 0.061 min
Lab File: VY004436.D
Acq: 15 Apr 2021 13:01



Tgt Ion: 83 Resp: 46054495
Ion Ratio Lower Upper
83 100
55 73.2 63.0 94.4
98 67.8 39.2 58.8#





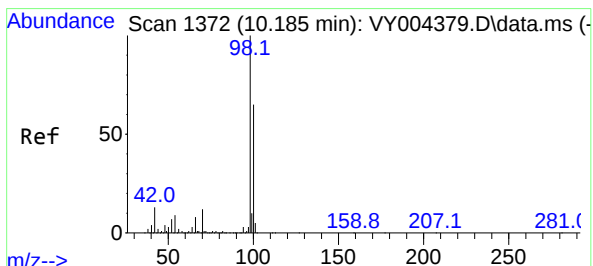
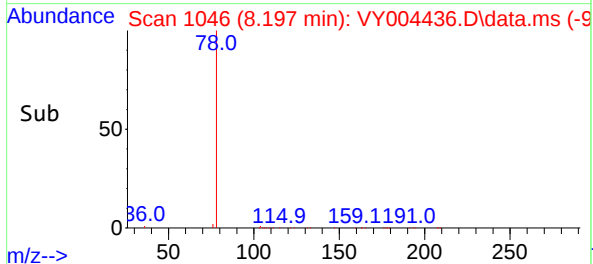
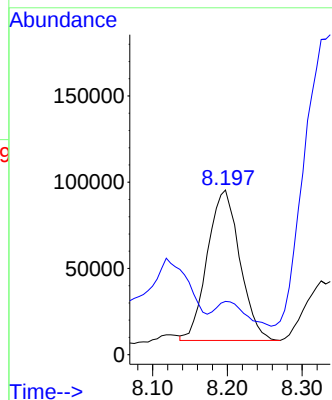
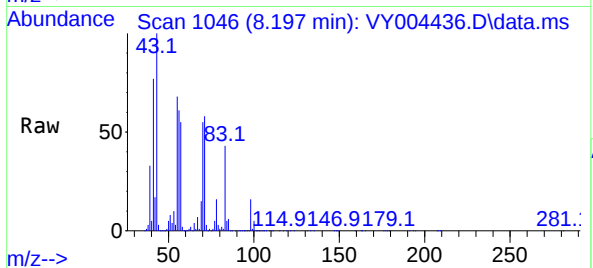
#40
Benzene
Concen: 37.16 ug/l
RT: 8.197 min Scan# 1046
Delta R.T. 0.025 min
Lab File: VY004436.D
Acq: 15 Apr 2021 13:01

Tgt Ion: 78 Resp: 263326
Ion Ratio Lower Upper
78 100
77 13.3 19.4 29.0#

Instrument :
MSVOA_Y
ClientSampled :
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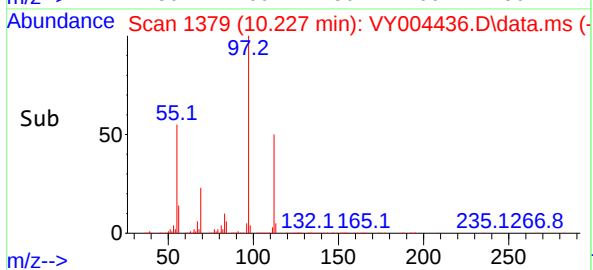
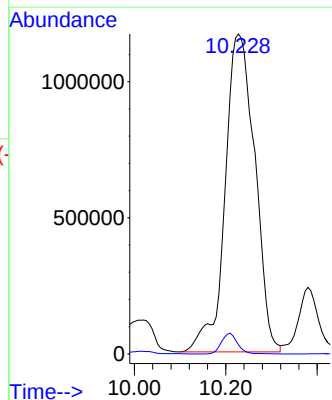
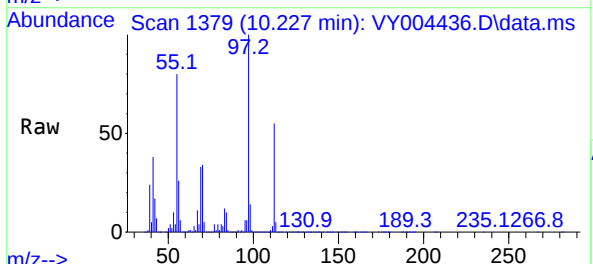
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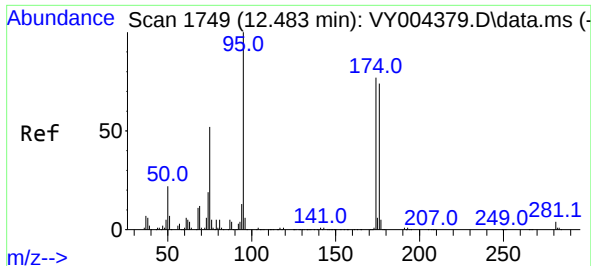
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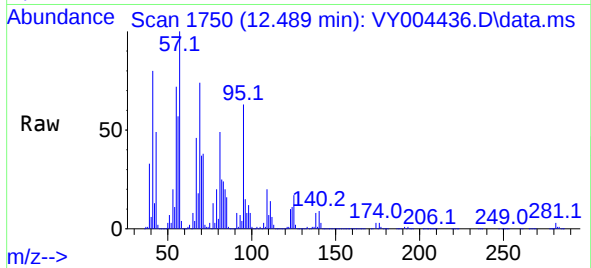
#50
Toluene-d8
Concen: 884.42 ug/l
RT: 10.227 min Scan# 1379
Delta R.T. 0.043 min
Lab File: VY004436.D
Acq: 15 Apr 2021 13:01

Tgt Ion: 98 Resp: 5297951
Ion Ratio Lower Upper
98 100
100 3.5 51.8 77.6#

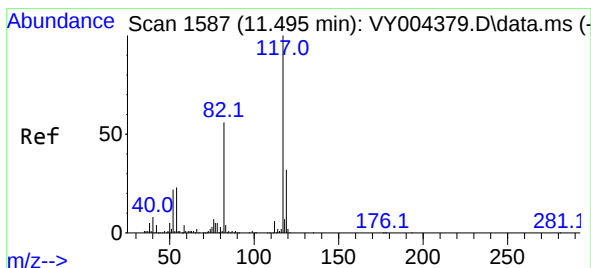
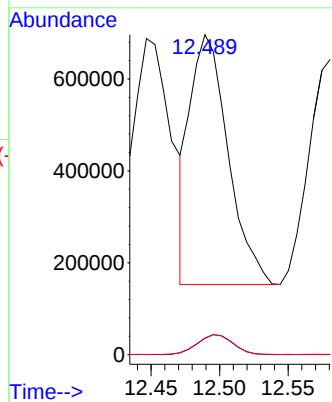
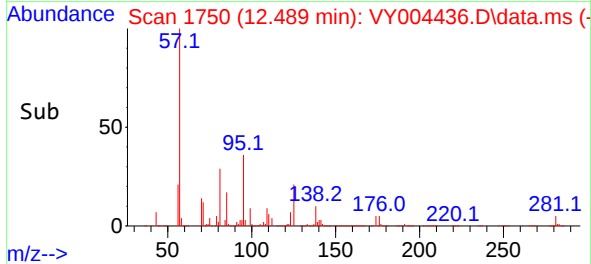




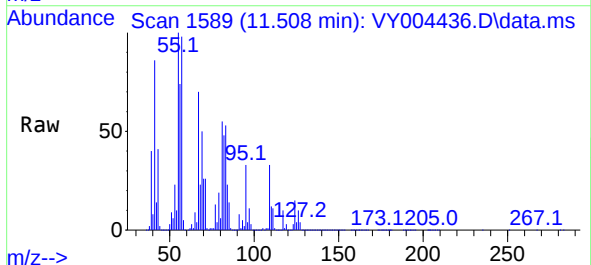
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4-Bromofluorobenzene
Concen: 516.36 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY004436.D
Acq: 15 Apr 2021 13:01



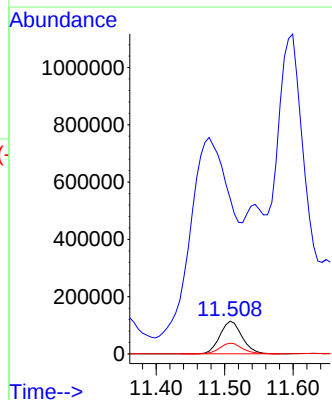
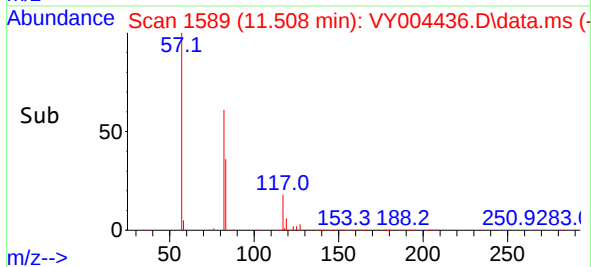
Tgt Ion: 95 Resp: 1049643
Ion Ratio Lower Upper
95 100
174 7.5 0.0 162.4
176 7.3 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.508 min Scan# 1589
Delta R.T. 0.012 min
Lab File: VY004436.D
Acq: 15 Apr 2021 13:01



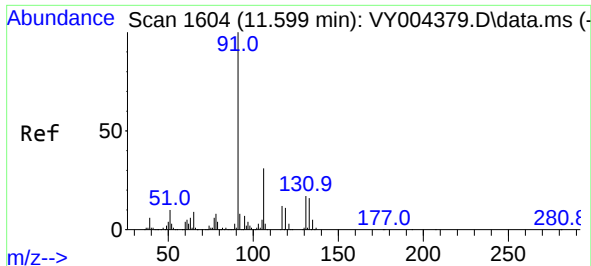
Tgt Ion: 117 Resp: 254596
Ion Ratio Lower Upper
117 100
82 312.4 44.9 67.3#
119 32.4 25.4 38.0



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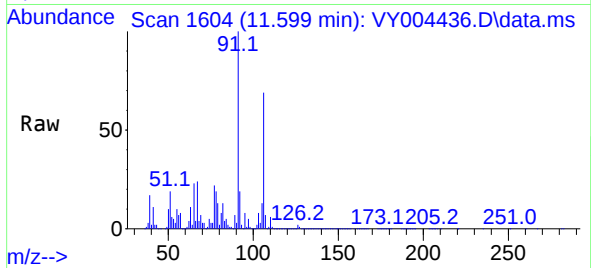
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#67
Ethyl Benzene
Concen: 3821.08 ug/l m
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY004436.D
Acq: 15 Apr 2021 13:01

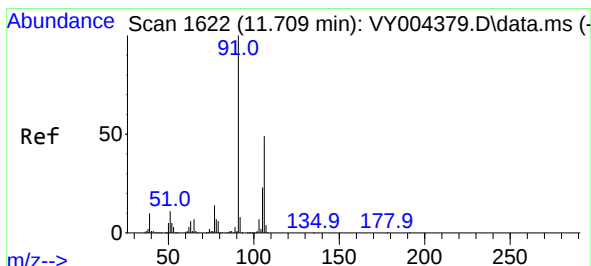
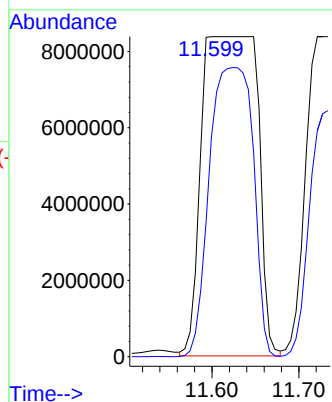
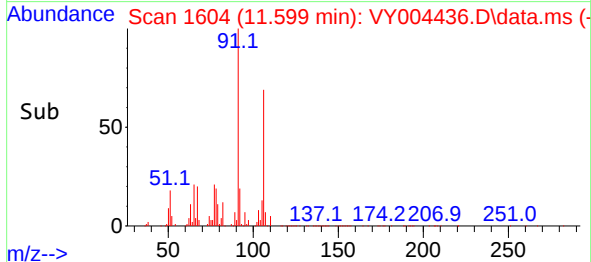
Instrument :
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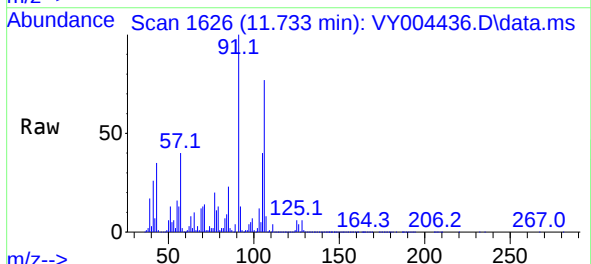
Tgt Ion: 91 Resp:37145643
Ion Ratio Lower Upper
91 100
106 68.5 25.1 37.7#

Manual Integrations
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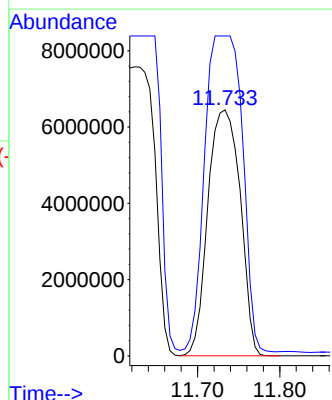
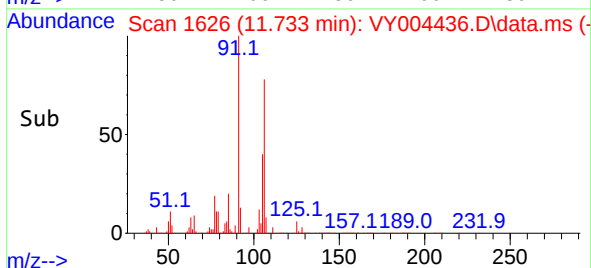
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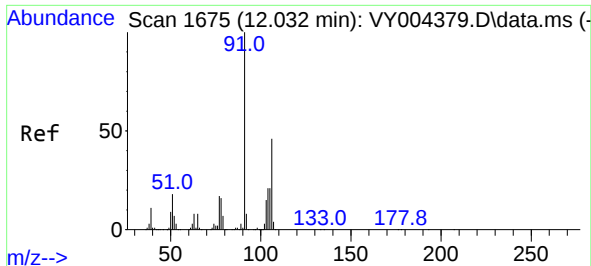


#68
m/p-Xylenes
Concen: 4879.34 ug/l
RT: 11.733 min Scan# 1626
Delta R.T. 0.025 min
Lab File: VY004436.D
Acq: 15 Apr 2021 13:01



Tgt Ion:106 Resp:17625499
Ion Ratio Lower Upper
106 100
91 148.8 163.2 244.8#





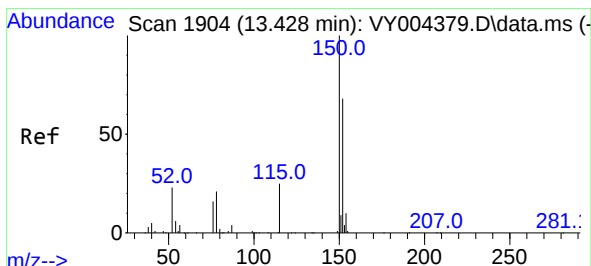
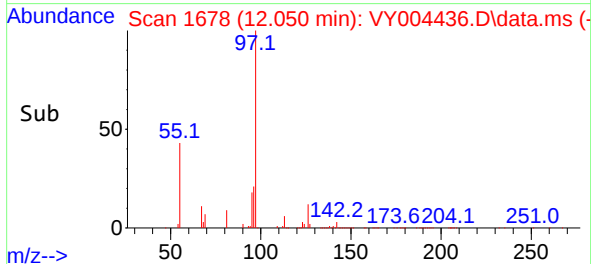
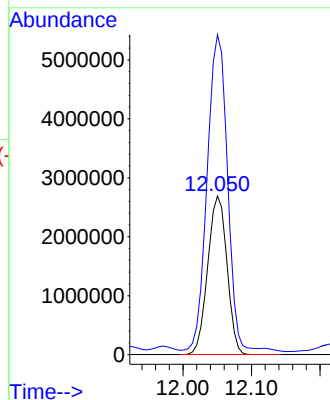
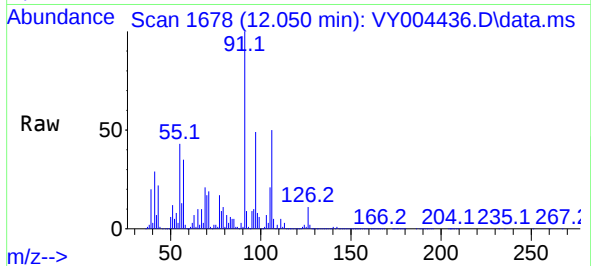
#69
o-Xylene
Concen: 1553.84 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.018 min
Lab File: VY004436.D
Acq: 15 Apr 2021 13:01

Tgt Ion:106 Resp: 5259860
Ion Ratio Lower Upper
106 100
91 211.7 107.4 322.2

Instrument :
MSVOA_Y
ClientSampleId :
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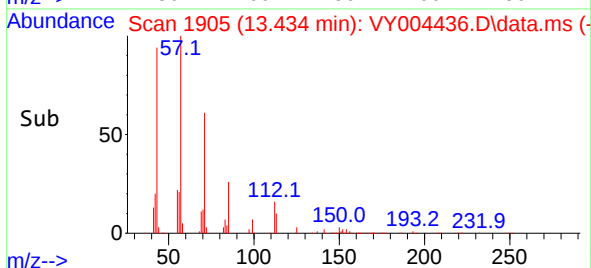
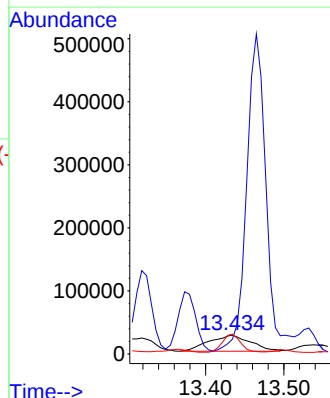
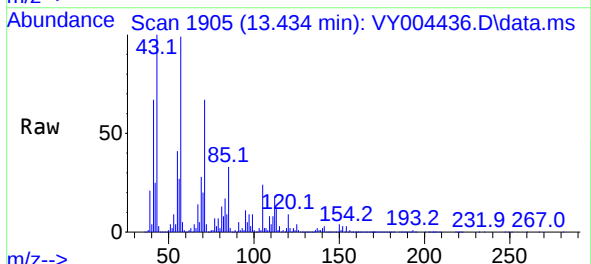
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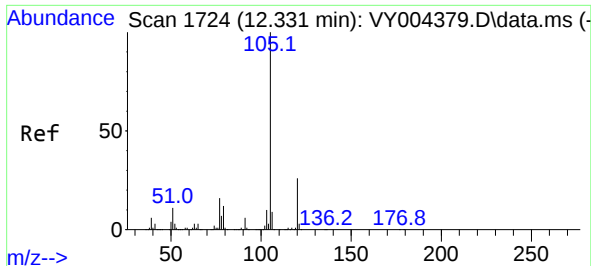
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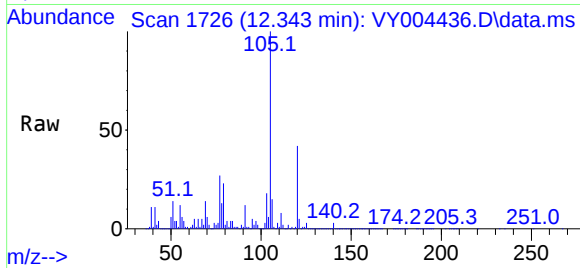
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY004436.D
Acq: 15 Apr 2021 13:01

Tgt Ion:152 Resp: 94582
Ion Ratio Lower Upper
152 100
115 0.0 29.6 88.8#
150 53.4 0.0 348.4

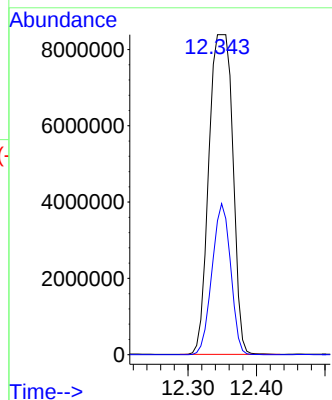
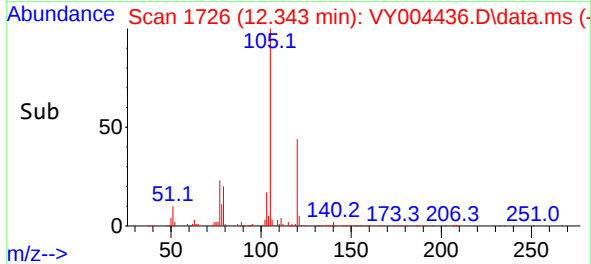




#73
Isopropylbenzene
Concen: 2783.63 ug/l
RT: 12.343 min Scan# 1726
Delta R.T. 0.012 min
Lab File: VY004436.D
Acq: 15 Apr 2021 13:01



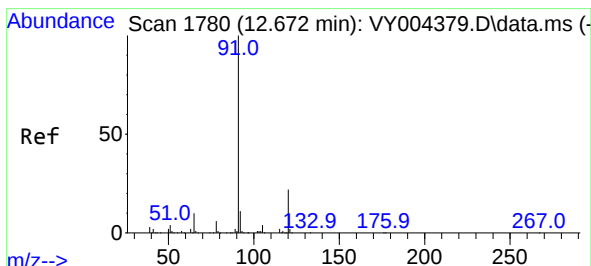
Tgt Ion: 105 Resp: 20344608
Ion Ratio Lower Upper
105 100
120 36.7 13.2 39.5



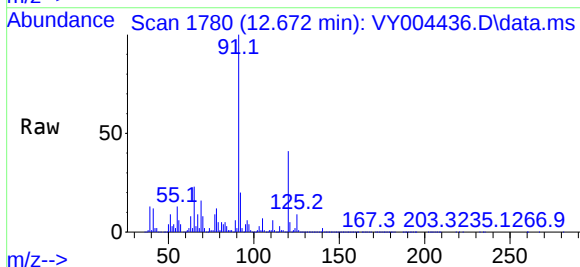
Instrument :
MSVOA_Y
ClientSampled :
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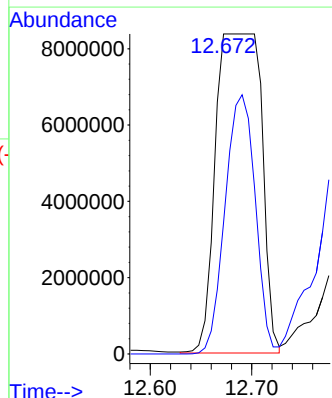
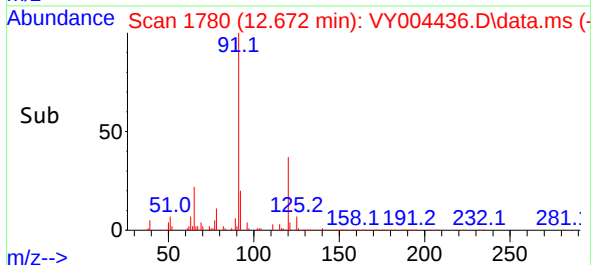
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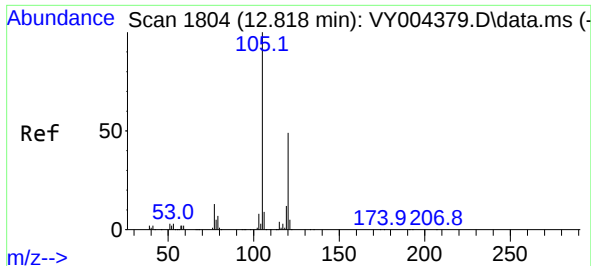


#78
n-propylbenzene
Concen: 3019.47 ug/l m
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY004436.D
Acq: 15 Apr 2021 13:01



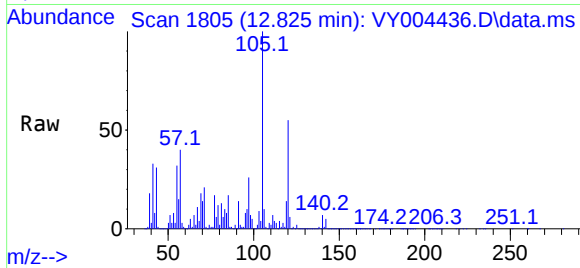
Tgt Ion: 91 Resp: 26070490
Ion Ratio Lower Upper
91 100
120 47.0 11.5 34.4#





#80
1,3,5-Trimethylbenzene
Concen: 1629.56 ug/l
RT: 12.825 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VY004436.D
Acq: 15 Apr 2021 13:01

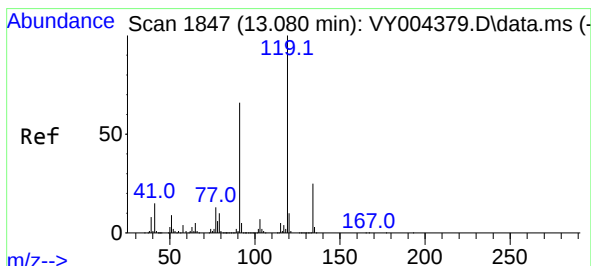
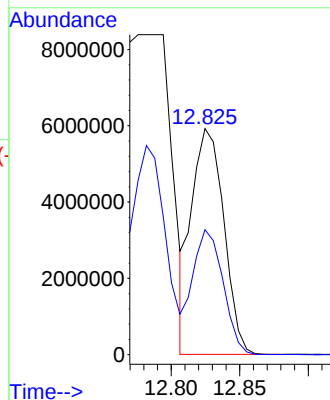
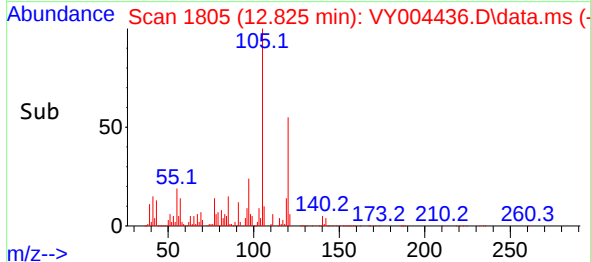
Instrument :
MSVOA_Y
ClientSampled :
124-SB-1



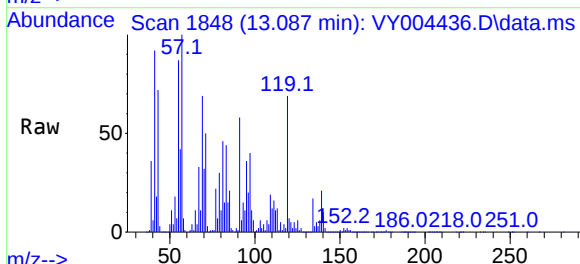
Tgt Ion:105 Resp: 9680241
Ion Ratio Lower Upper
105 100
120 52.5 24.6 74.0

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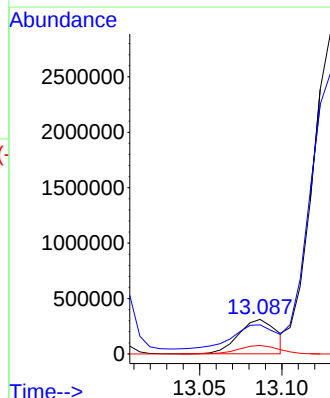
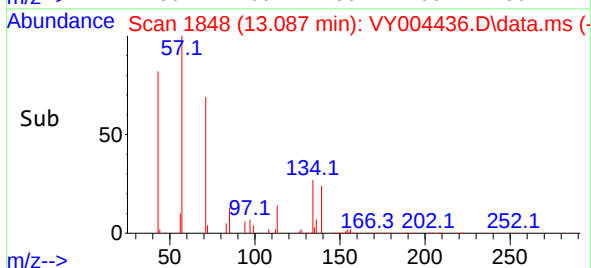
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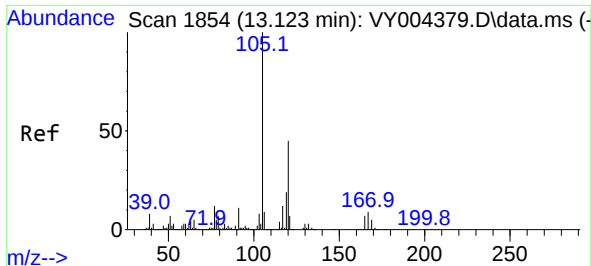


#83
tert-Butylbenzene
Concen: 97.33 ug/l
RT: 13.087 min Scan# 1848
Delta R.T. 0.006 min
Lab File: VY004436.D
Acq: 15 Apr 2021 13:01



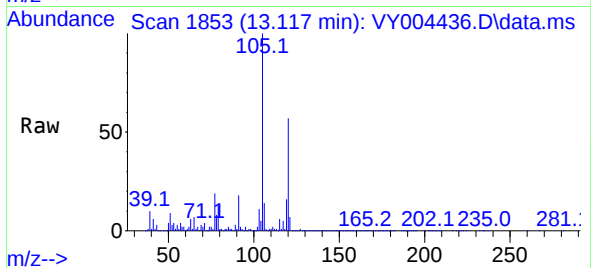
Tgt Ion:119 Resp: 494877
Ion Ratio Lower Upper
119 100
91 80.2 32.6 98.0
134 26.1 12.9 38.6





#84
1,2,4-Trimethylbenzene
Concen: 3920.39 ug/l m
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY004436.D
Acq: 15 Apr 2021 13:01

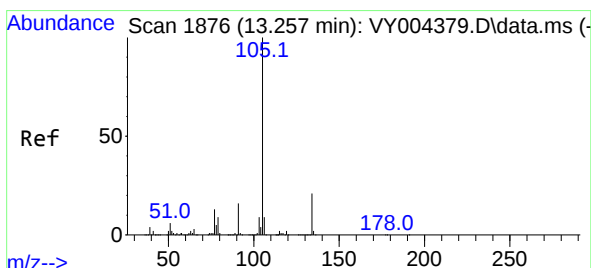
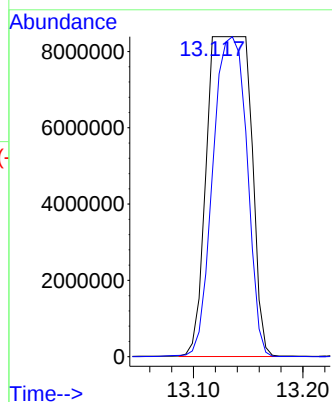
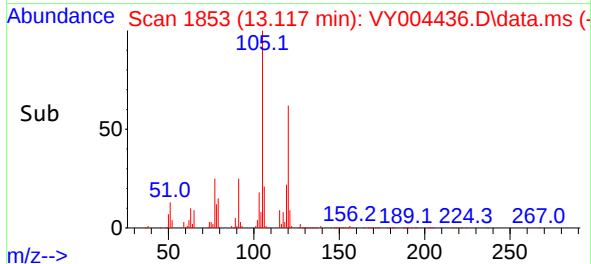
Instrument :
MSVOA_Y
ClientSampled :
124-SB-1



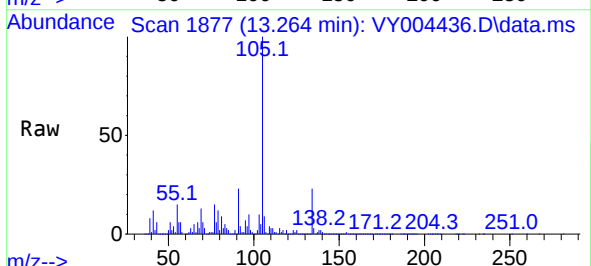
Tgt Ion:105 Resp:23501715
Ion Ratio Lower Upper
105 100
120 0.0 22.4 67.3#

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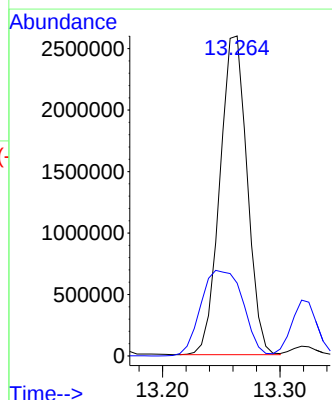
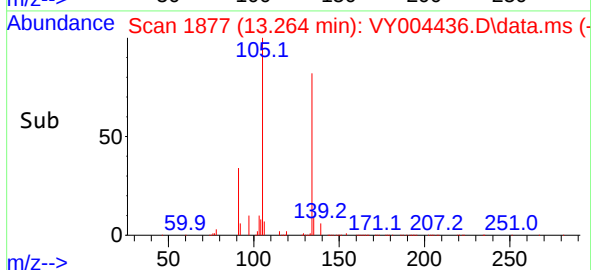
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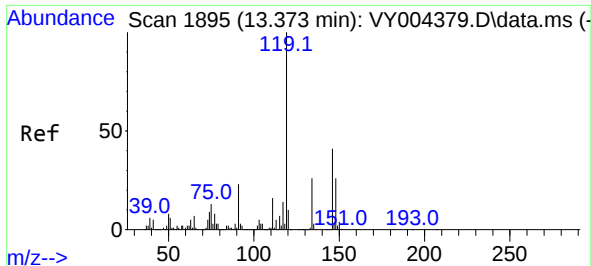


#85
sec-Butylbenzene
Concen: 590.60 ug/l
RT: 13.264 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VY004436.D
Acq: 15 Apr 2021 13:01



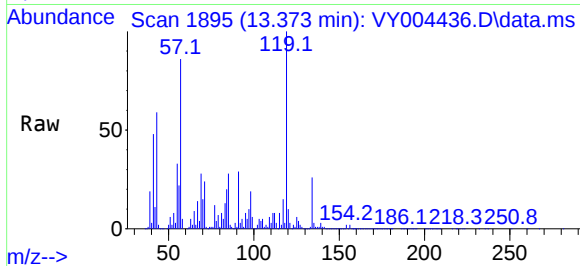
Tgt Ion:105 Resp: 4188852
Ion Ratio Lower Upper
105 100
134 41.5 10.1 30.3#





#86
p-Isopropyltoluene
Concen: 286.23 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VY004436.D
Acq: 15 Apr 2021 13:01

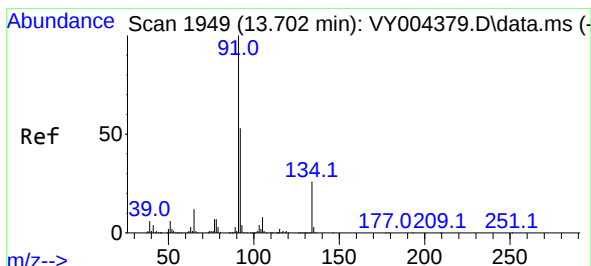
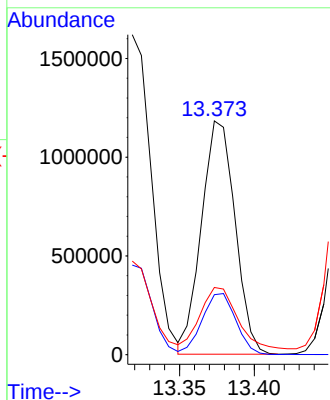
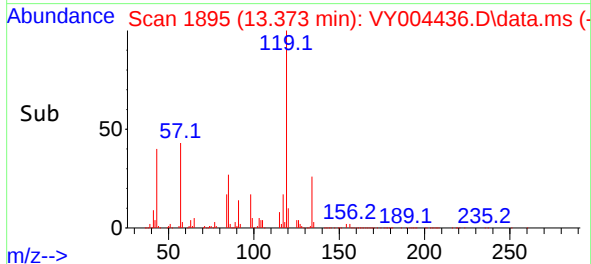
Instrument :
MSVOA_Y
ClientSampled :
124-SB-1



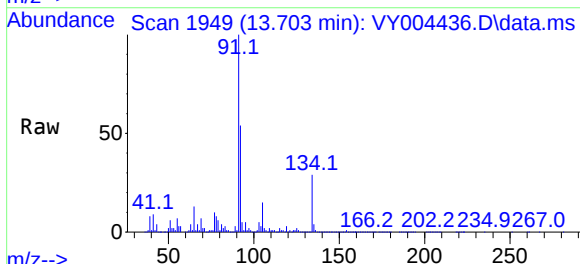
Tgt Ion:119 Resp: 1846693
Ion Ratio Lower Upper
119 100
134 26.4 13.3 39.8
91 28.4 11.9 35.7

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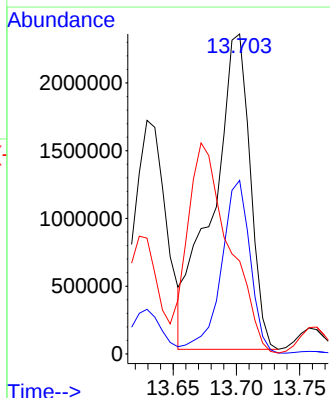
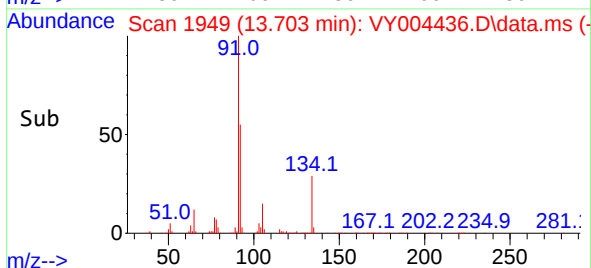
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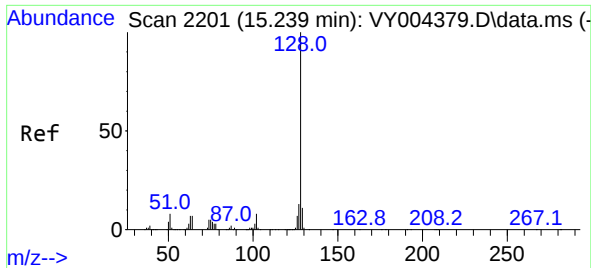


#89
n-Butylbenzene
Concen: 778.28 ug/l
RT: 13.703 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VY004436.D
Acq: 15 Apr 2021 13:01



Tgt Ion: 91 Resp: 4792742
Ion Ratio Lower Upper
91 100
92 42.6 26.6 79.8
134 0.0 12.7 38.1#





#95
Naphthalene
Concen: 582.18 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY004436.D
Acq: 15 Apr 2021 13:01

Tgt Ion:128 Resp: 2272849

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.2
129	11.3	8.8	13.2

Instrument :
MSVOA_Y
ClientSampleId :
124-SB-1

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