

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032521\
 Data File : VX021516.D
 Acq On : 26 Mar 2021 03:38
 Operator : JC/MD
 Sample : M1806-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW5

Manual Integrations
 APPROVED

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 3/26/2021 1:14:37 PM

Quant Time: Mar 26 06:35:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 12:25:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	68217	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.835	114	123130	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	125556	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	61873	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.034	65	55633	49.01	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.02%		
35) Dibromofluoromethane	5.464	113	42035	48.06	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.12%		
50) Toluene-d8	8.694	98	158203	50.76	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.52%		
62) 4-Bromofluorobenzene	11.123	95	66455	54.84	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	109.68%		
Target Compounds					Qvalue	
16) Acetone	2.422	43	16884	39.34	ug/l	90
25) 2-Butanone	4.640	43	11714	18.01	ug/l	89
31) Cyclohexane	5.546	56	127609	102.24	ug/l	92
39) Methylcyclohexane	7.441	83	65313	48.83	ug/l	91
40) Benzene	6.111	78	469106	136.93	ug/l	100
51) 4-Methyl-2-Pentanone	8.623	43	4606	3.31	ug/l	93
52) Toluene	8.770	92	1242495	587.17	ug/l	100
67) Ethyl Benzene	10.241	91	4193908	912.21	ug/l	98
68) m/p-Xylenes	10.359	106	5809200	3546.68	ug/l	93
69) o-Xylene	10.688	106	2036613	1283.73	ug/l	97
73) Isopropylbenzene	11.000	105	164267	37.79	ug/l	100
78) n-propylbenzene	11.341	91	605264	117.89	ug/l	98
80) 1,3,5-Trimethylbenzene	11.494	105	1082908	291.56	ug/l	98
84) 1,2,4-Trimethylbenzene	11.794	105	4041604	1079.48	ug/l	100
85) sec-Butylbenzene	11.929	105	14226m	3.41	ug/l	
86) p-Isopropyltoluene	12.047	119	8657m	2.28	ug/l	
95) Naphthalene	13.818	128	1226589	304.10	ug/l	100

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

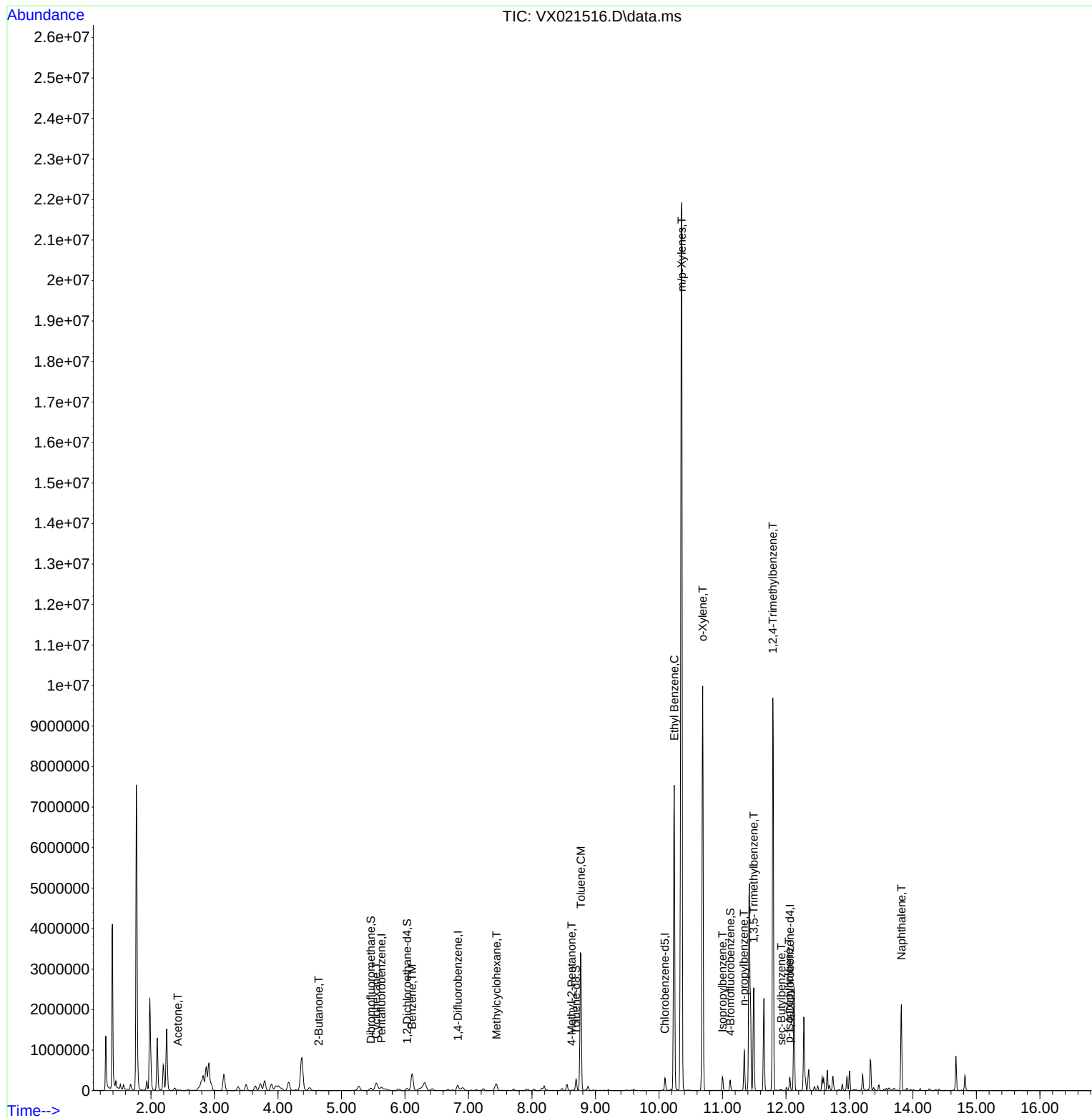
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032521\
Data File : VX021516.D
Acq On : 26 Mar 2021 03:38
Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 46 Sample Multiplier: 1

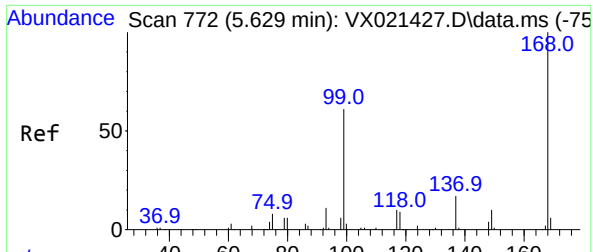
Instrument :
MSVOA_X
ClientSampleId :
MW5

Manual Integrations
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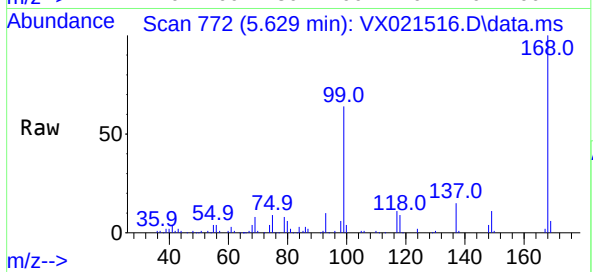
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3/26/2021 1:14:37 PM

Quant Time: Mar 26 06:35:32 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 24 12:25:26 2021
Response via : Initial Calibration

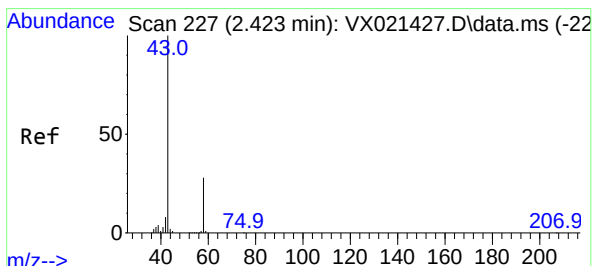
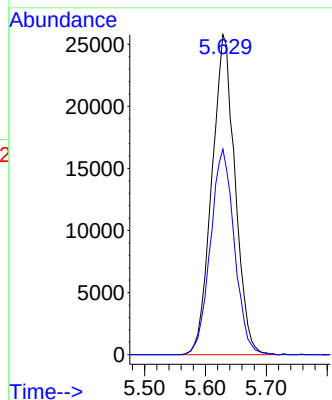
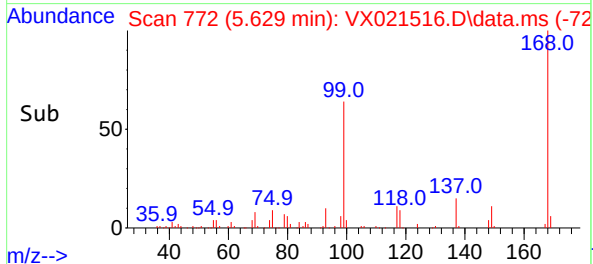




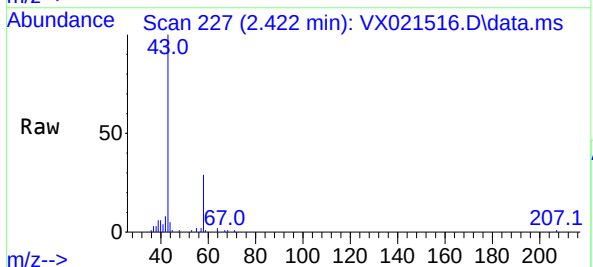
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.000 min
Lab File: VX021516.D
Acq: 26 Mar 2021 03:38



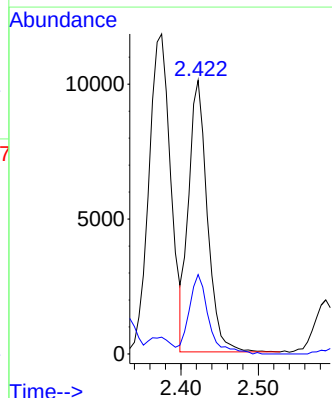
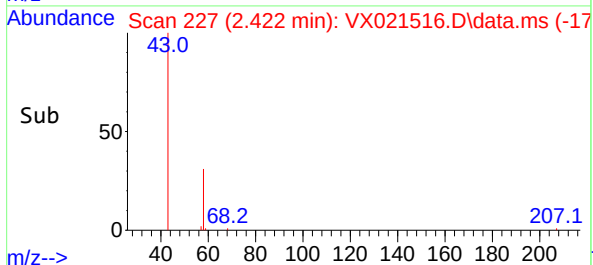
Tgt Ion: 168 Resp: 68217
Ion Ratio Lower Upper
168 100
99 64.2 45.8 68.6



#16
Acetone
Concen: 39.34 ug/l
RT: 2.422 min Scan# 227
Delta R.T. -0.001 min
Lab File: VX021516.D
Acq: 26 Mar 2021 03:38



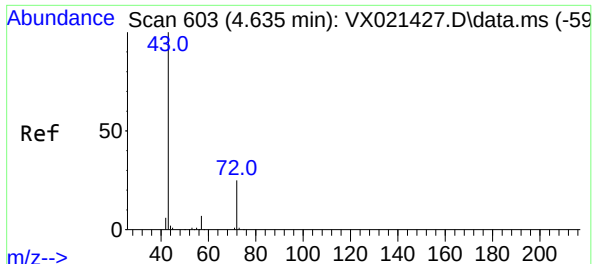
Tgt Ion: 43 Resp: 16884
Ion Ratio Lower Upper
43 100
58 29.3 27.8 41.8



Instrument :
MSVOA_X
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MW5

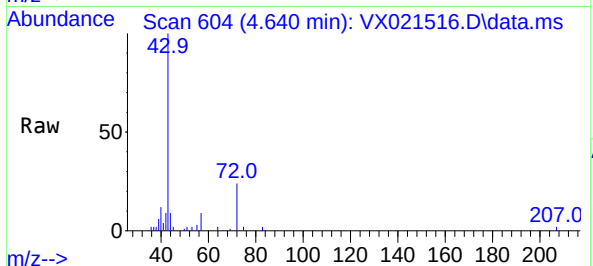
Manual Integrations
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#25
2-Butanone
Concen: 18.01 ug/l
RT: 4.640 min Scan# 604
Delta R.T. 0.005 min
Lab File: VX021516.D
Acq: 26 Mar 2021 03:38

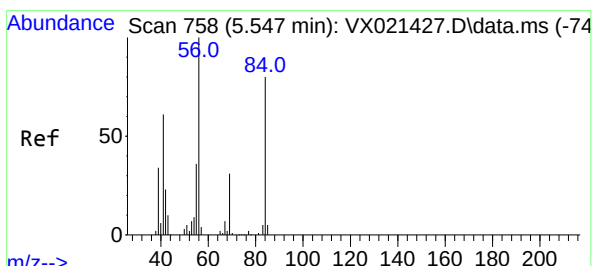
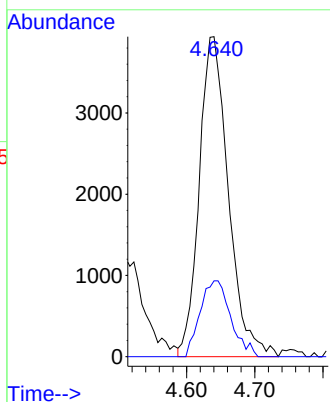
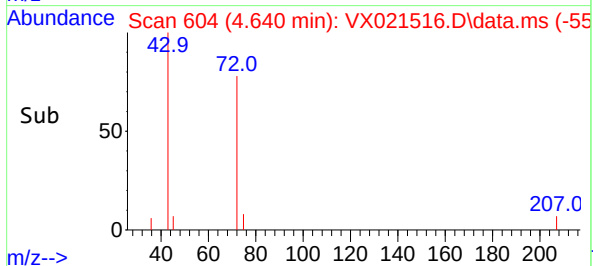
Instrument :
MSVOA_X
ClientSampleId :
MW5



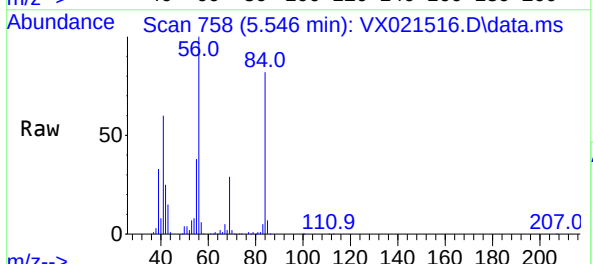
Tgt Ion: 43 Resp: 11714
Ion Ratio Lower Upper
43 100
72 23.7 23.7 35.5

Manual Integrations
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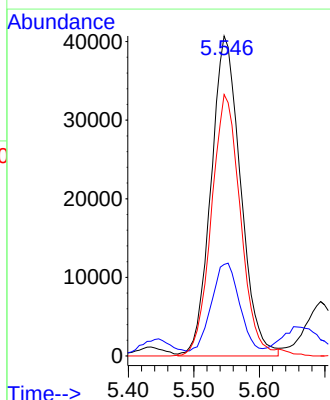
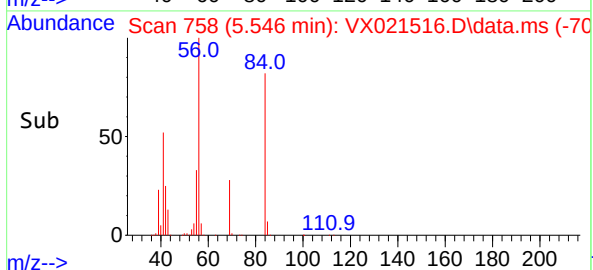
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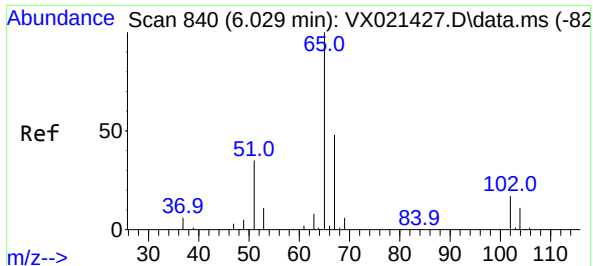


#31
Cyclohexane
Concen: 102.24 ug/l
RT: 5.546 min Scan# 758
Delta R.T. -0.001 min
Lab File: VX021516.D
Acq: 26 Mar 2021 03:38



Tgt Ion: 56 Resp: 127609
Ion Ratio Lower Upper
56 100
69 26.6 25.3 37.9
84 82.0 71.4 107.0





#33

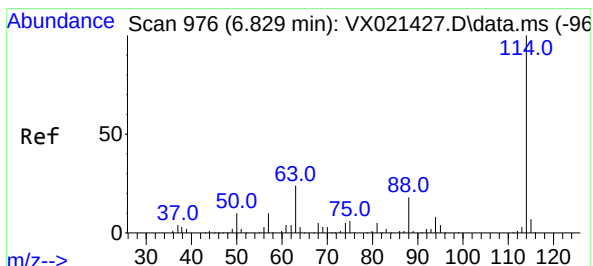
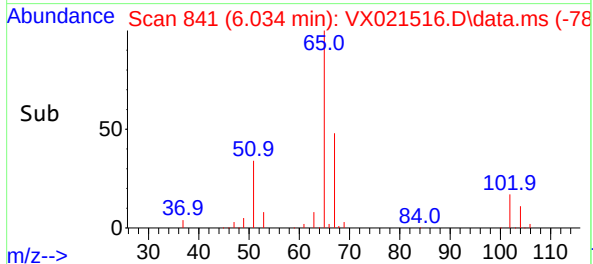
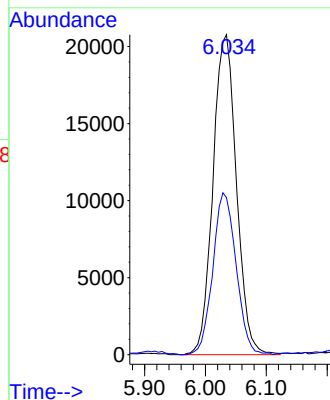
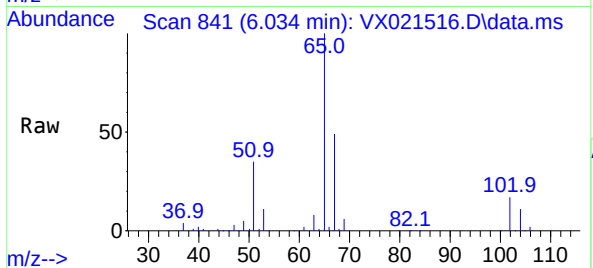
1,2-Dichloroethane-d4
Concen: 49.01 ug/l
RT: 6.034 min Scan# 841
Delta R.T. 0.005 min
Lab File: VX021516.D
Acq: 26 Mar 2021 03:38

Tgt Ion: 65 Resp: 55633
Ion Ratio Lower Upper
65 100
67 50.2 0.0 105.4

Instrument :
MSVOA_X
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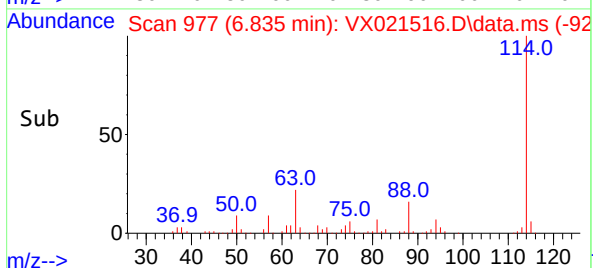
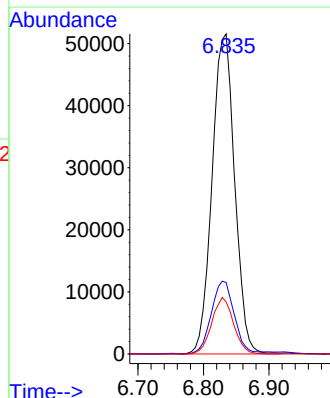
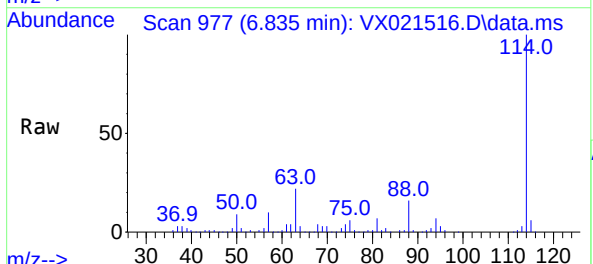
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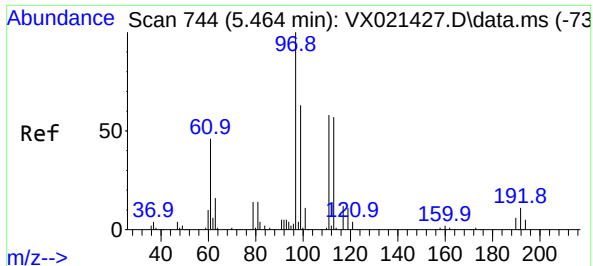


#34

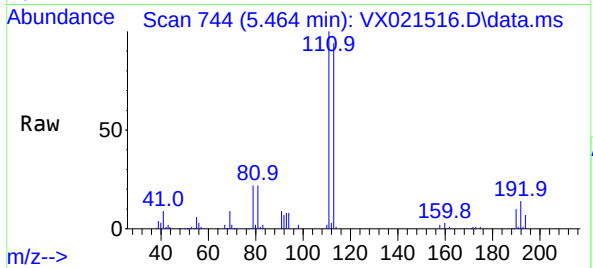
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.835 min Scan# 977
Delta R.T. 0.006 min
Lab File: VX021516.D
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Tgt Ion: 114 Resp: 123130
Ion Ratio Lower Upper
114 100
63 22.4 0.0 40.8
88 16.3 0.0 32.8

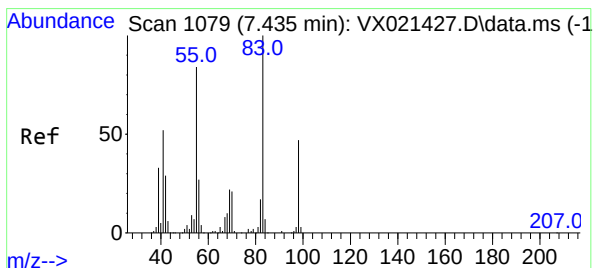
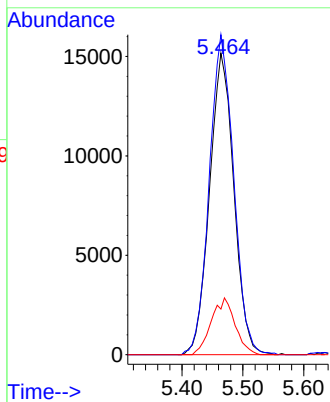
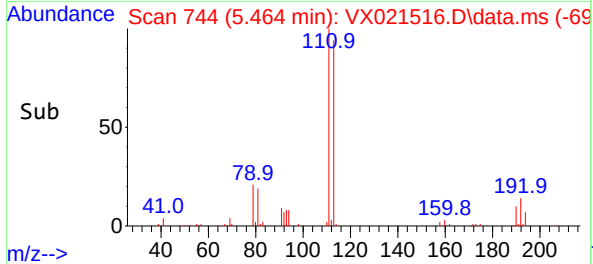




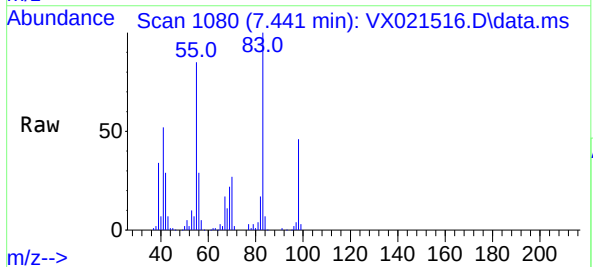
#35
Dibromofluoromethane
Concen: 48.06 ug/l
RT: 5.464 min Scan# 744
Delta R.T. -0.000 min
Lab File: VX021516.D
Acq: 26 Mar 2021 03:38



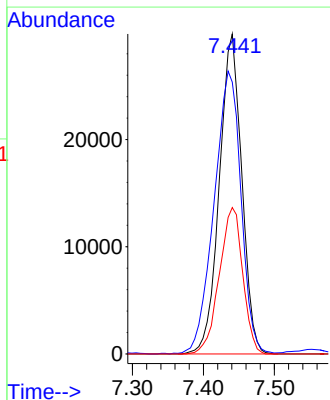
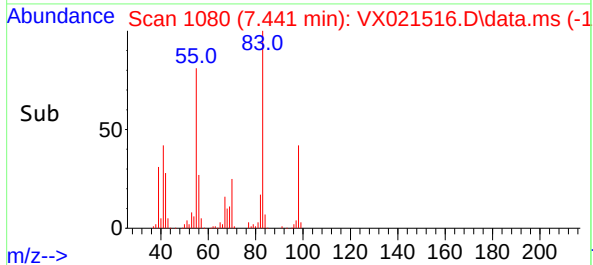
Tgt Ion:113 Resp: 42035
Ion Ratio Lower Upper
113 100
111 106.3 81.9 122.9
192 18.5 16.7 25.1



#39
Methylcyclohexane
Concen: 48.83 ug/l
RT: 7.441 min Scan# 1080
Delta R.T. 0.006 min
Lab File: VX021516.D
Acq: 26 Mar 2021 03:38



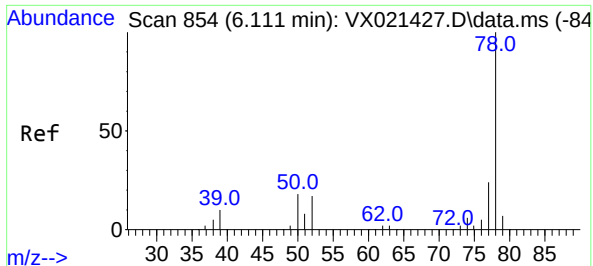
Tgt Ion: 83 Resp: 65313
Ion Ratio Lower Upper
83 100
55 84.7 58.9 88.3
98 45.7 38.1 57.1



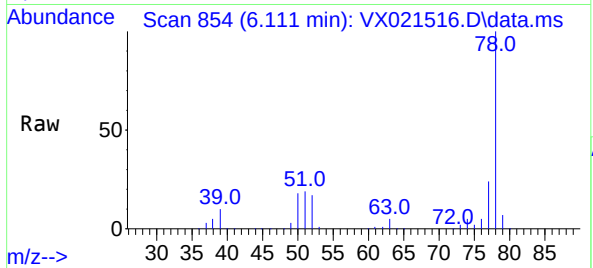
Instrument :
MSVOA_X
ClientSampleId :
MW5

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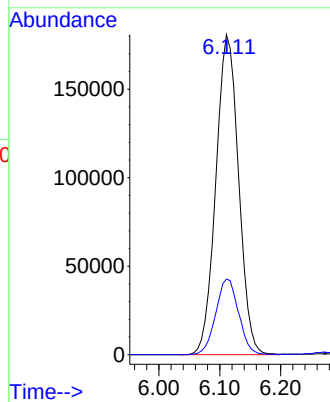
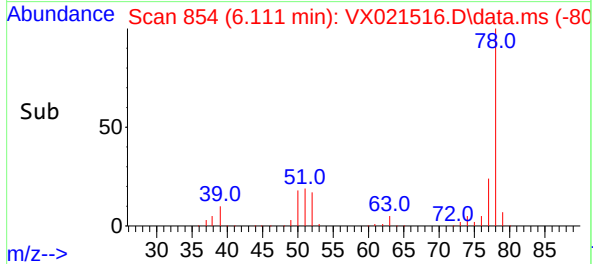
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#40
Benzene
Concen: 136.93 ug/l
RT: 6.111 min Scan# 854
Delta R.T. -0.000 min
Lab File: VX021516.D
Acq: 26 Mar 2021 03:38



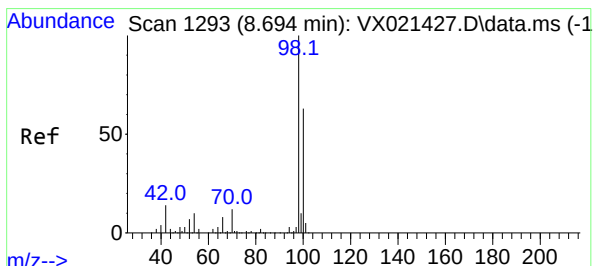
Tgt Ion: 78 Resp: 469106
Ion Ratio Lower Upper
78 100
77 23.6 18.9 28.3



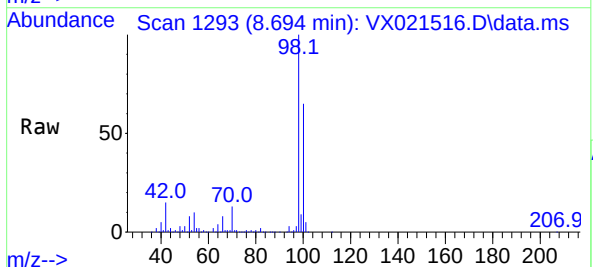
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Manual Integrations
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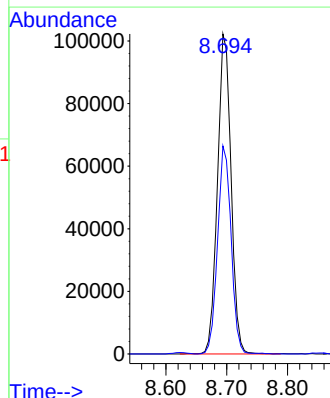
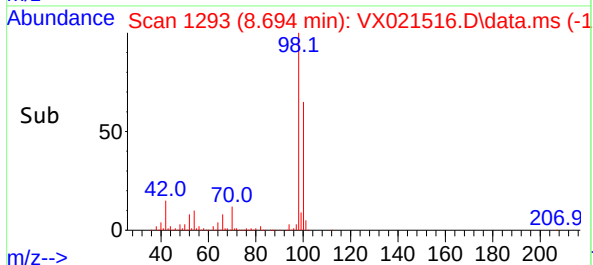
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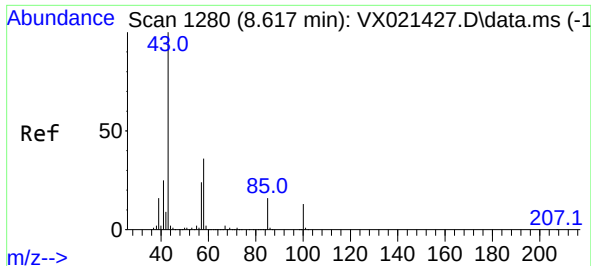


#50
Toluene-d8
Concen: 50.76 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021516.D
Acq: 26 Mar 2021 03:38



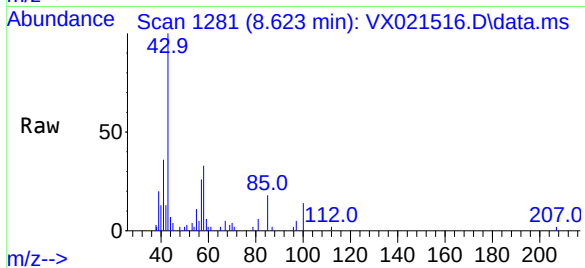
Tgt Ion: 98 Resp: 158203
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9





#51
4-Methyl-2-Pentanone
Concen: 3.31 ug/l
RT: 8.623 min Scan# 1281
Delta R.T. 0.006 min
Lab File: VX021516.D
Acq: 26 Mar 2021 03:38

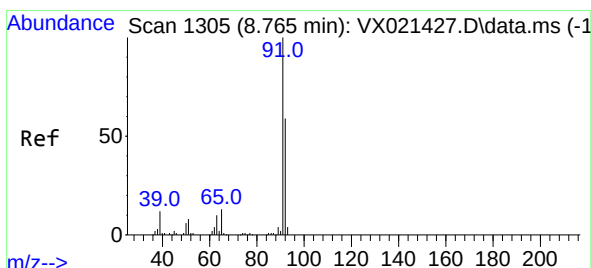
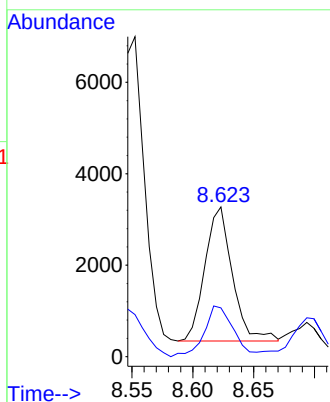
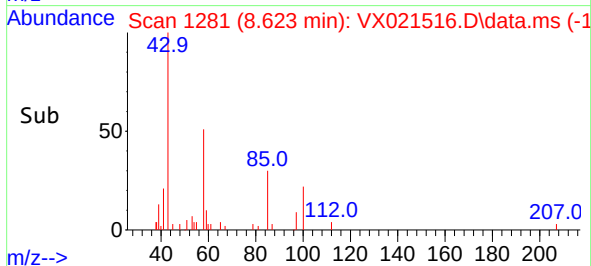
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MSVOA_X
ClientSampled :
MW5



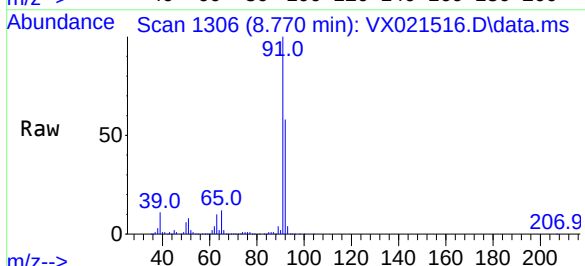
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Ion Ratio Lower Upper
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58 39.9 35.4 53.0

Manual Integrations
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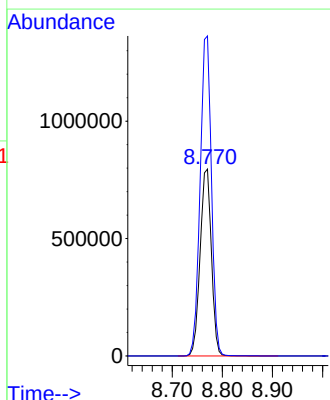
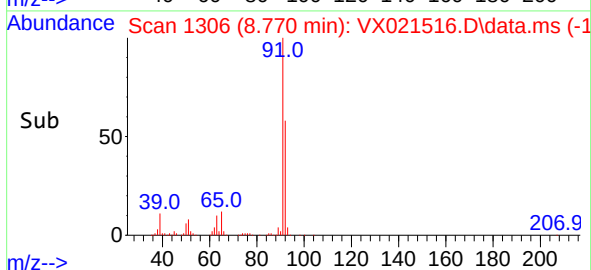
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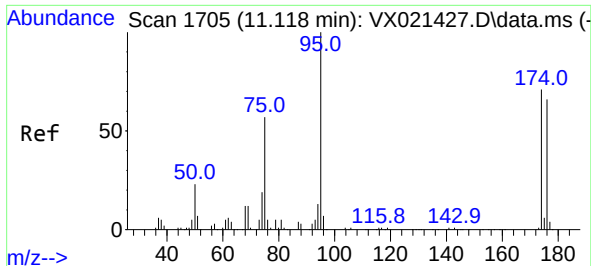


#52
Toluene
Concen: 587.17 ug/l
RT: 8.770 min Scan# 1306
Delta R.T. 0.005 min
Lab File: VX021516.D
Acq: 26 Mar 2021 03:38



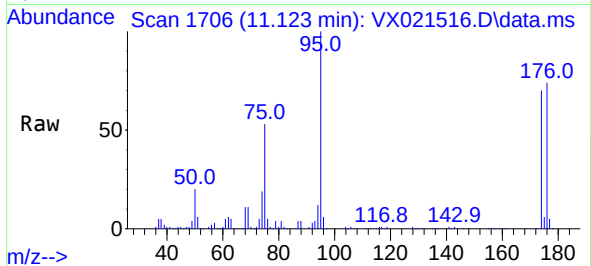
Tgt Ion: 92 Resp: 1242495
Ion Ratio Lower Upper
92 100
91 171.5 137.1 205.7





#62
4-Bromofluorobenzene
Concen: 54.84 ug/l
RT: 11.123 min Scan# 1706
Delta R.T. 0.005 min
Lab File: VX021516.D
Acq: 26 Mar 2021 03:38

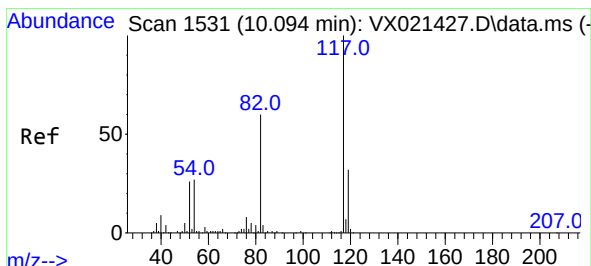
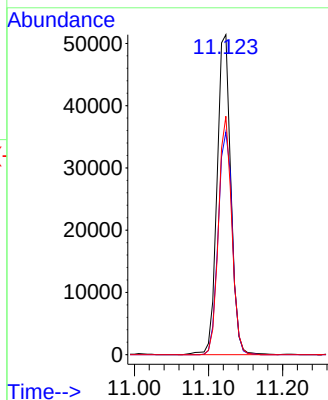
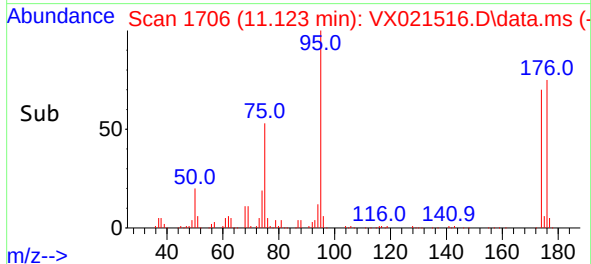
Instrument :
MSVOA_X
ClientSampled :
MW5



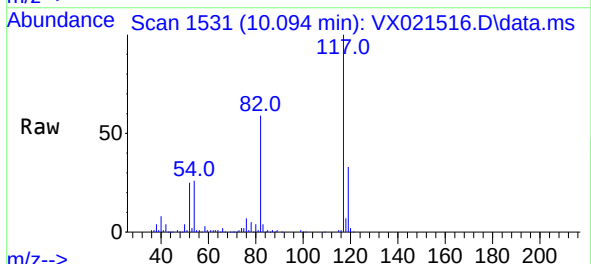
Tgt Ion: 95 Resp: 66455
Ion Ratio Lower Upper
95 100
174 71.0 0.0 154.6
176 71.3 0.0 155.8

Manual Integrations
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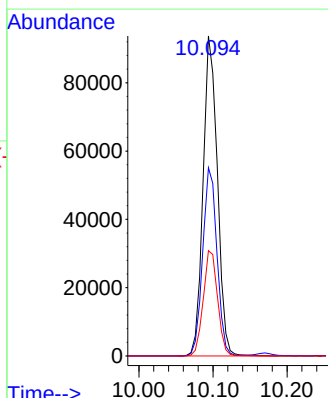
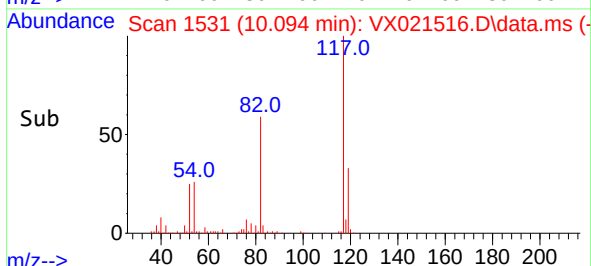
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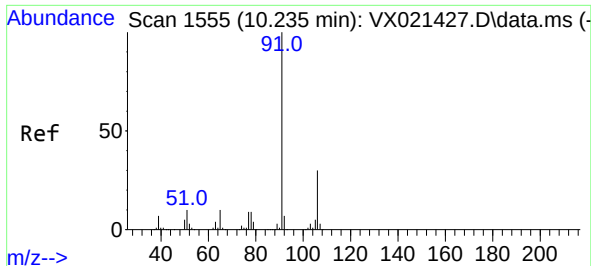


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021516.D
Acq: 26 Mar 2021 03:38



Tgt Ion: 117 Resp: 125556
Ion Ratio Lower Upper
117 100
82 58.8 47.4 71.2
119 32.9 26.6 39.8





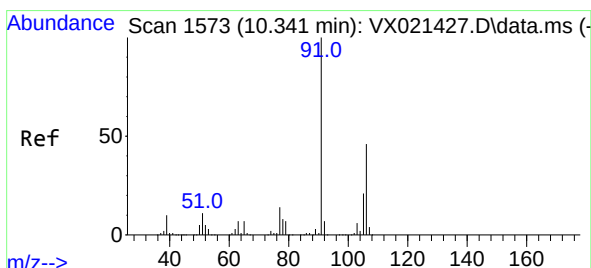
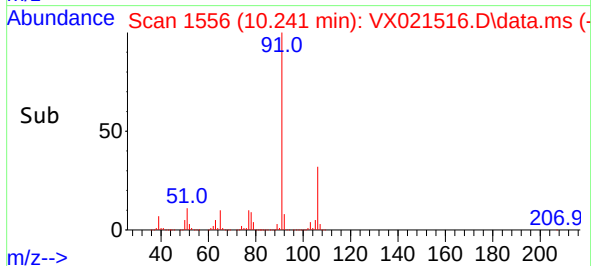
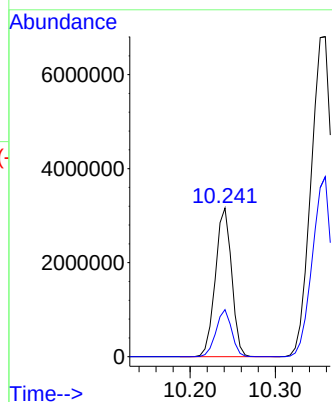
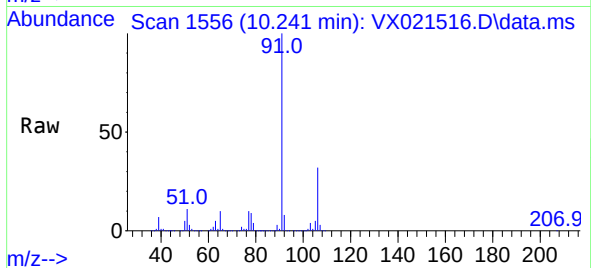
#67
Ethyl Benzene
Concen: 912.21 ug/l
RT: 10.241 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VX021516.D
Acq: 26 Mar 2021 03:38

Tgt Ion: 91 Resp: 4193908
Ion Ratio Lower Upper
91 100
106 31.7 24.6 37.0

Instrument :
MSVOA_X
ClientSampleId :
MW5

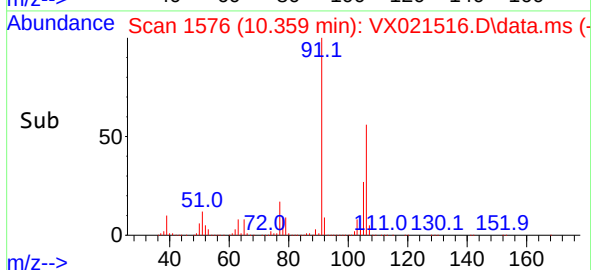
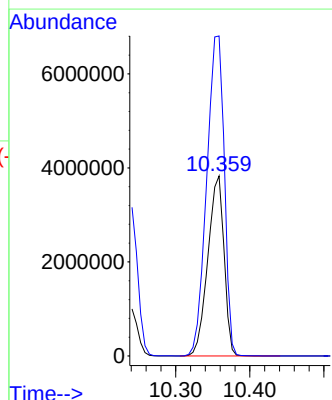
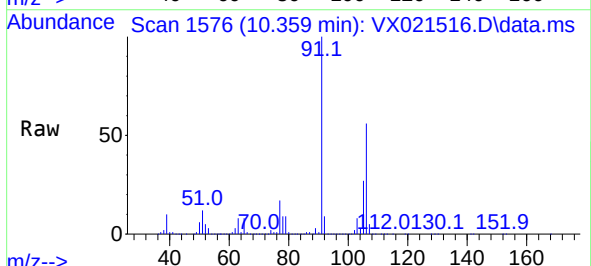
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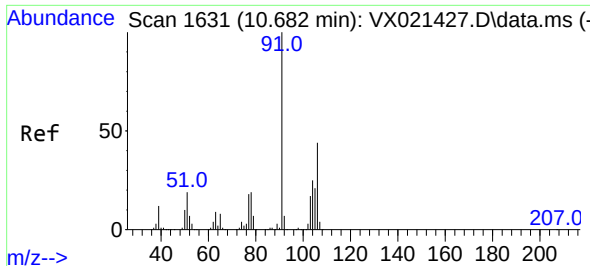
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#68
m/p-Xylenes
Concen: 3546.68 ug/l
RT: 10.359 min Scan# 1576
Delta R.T. 0.018 min
Lab File: VX021516.D
Acq: 26 Mar 2021 03:38

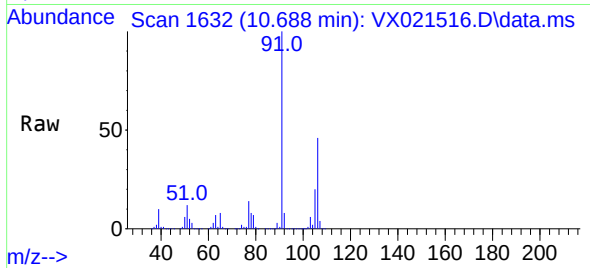
Tgt Ion: 106 Resp: 5809200
Ion Ratio Lower Upper
106 100
91 193.4 162.8 244.2





#69
o-Xylene
Concen: 1283.73 ug/l
RT: 10.688 min Scan# 1632
Delta R.T. 0.006 min
Lab File: VX021516.D
Acq: 26 Mar 2021 03:38

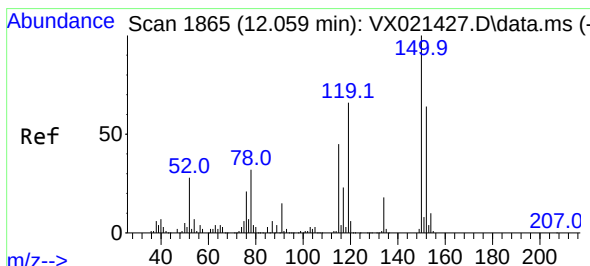
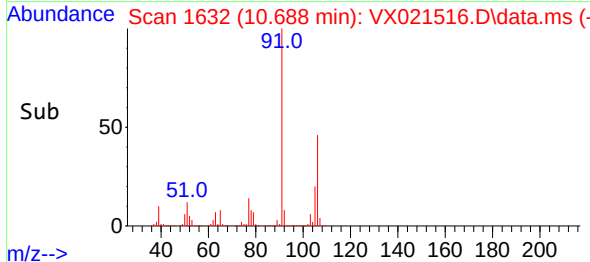
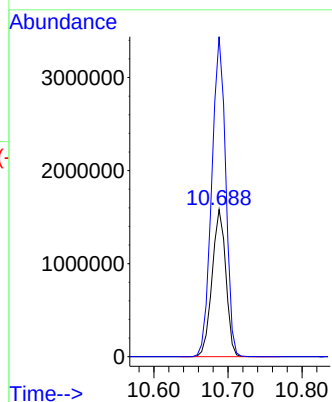
Instrument :
MSVOA_X
ClientSampleId :
MW5



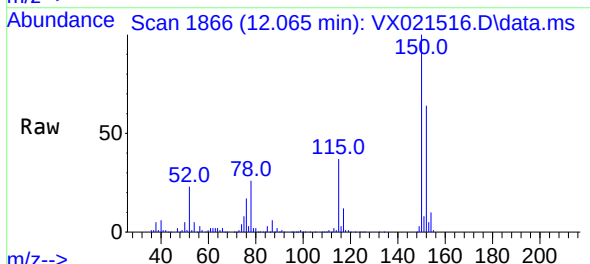
Tgt Ion:106 Resp: 2036613
Ion Ratio Lower Upper
106 100
91 220.4 108.1 324.2

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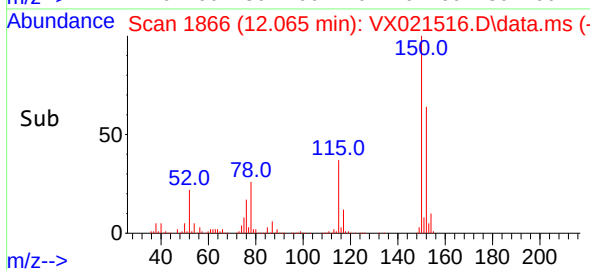
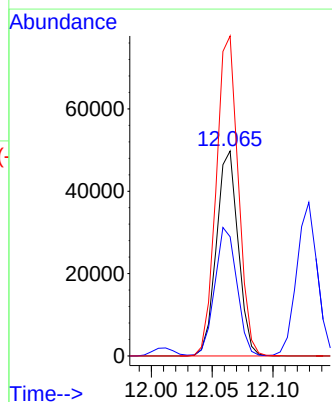
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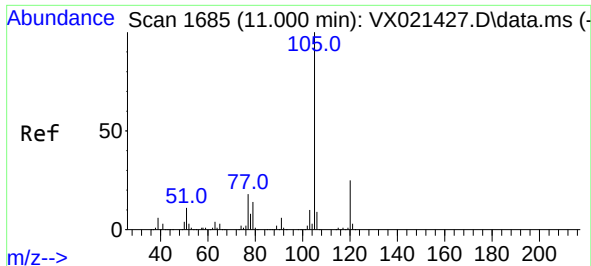


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.065 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VX021516.D
Acq: 26 Mar 2021 03:38

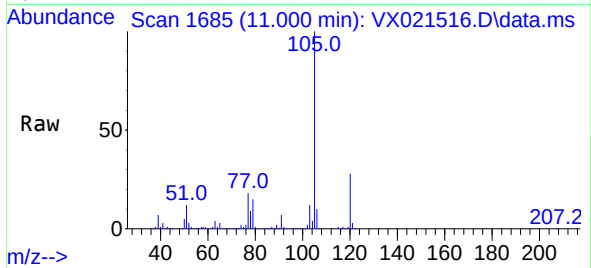


Tgt Ion:152 Resp: 61873
Ion Ratio Lower Upper
152 100
115 63.4 41.1 123.3
150 158.1 0.0 349.0

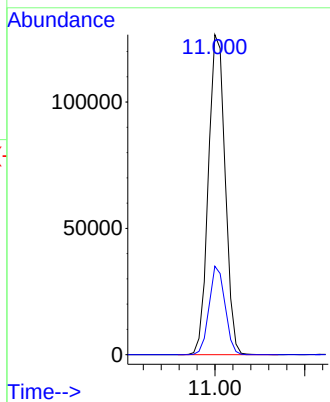
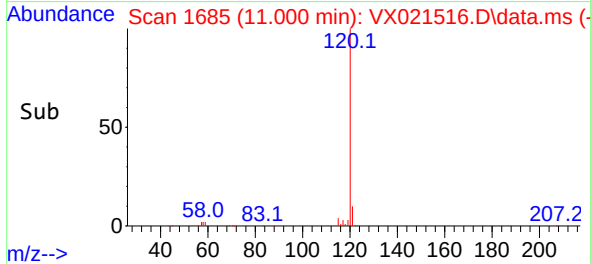




#73
Isopropylbenzene
Concen: 37.79 ug/l
RT: 11.000 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX021516.D
Acq: 26 Mar 2021 03:38



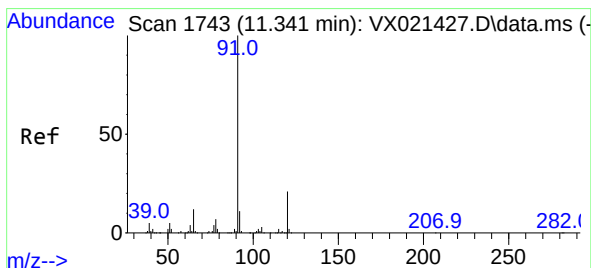
Tgt Ion: 105 Resp: 164267
Ion Ratio Lower Upper
105 100
120 26.2 13.2 39.6



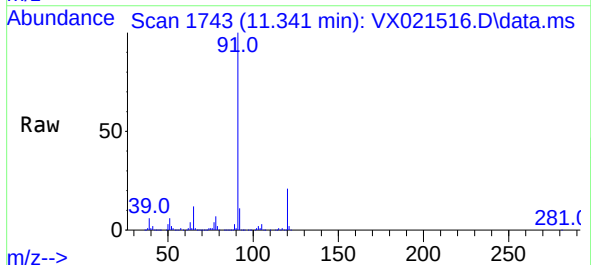
Instrument :
MSVOA_X
ClientSampleId :
MW5

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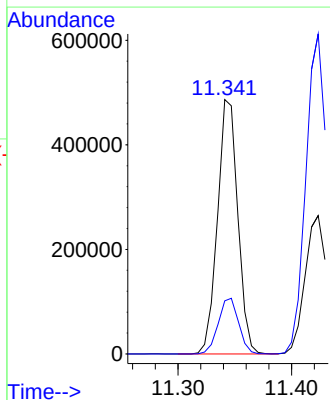
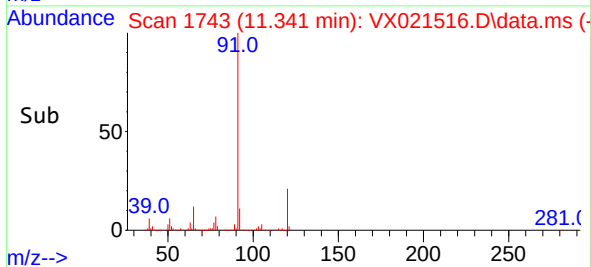
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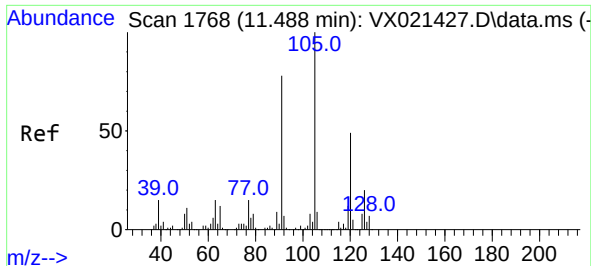


#78
n-propylbenzene
Concen: 117.89 ug/l
RT: 11.341 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX021516.D
Acq: 26 Mar 2021 03:38



Tgt Ion: 91 Resp: 605264
Ion Ratio Lower Upper
91 100
120 22.0 11.5 34.5





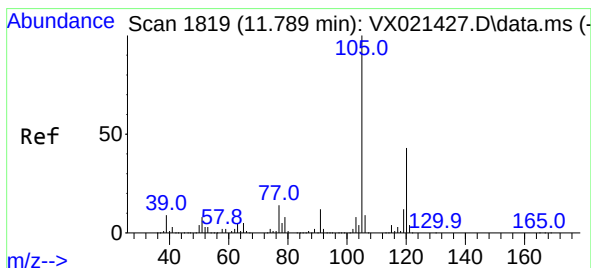
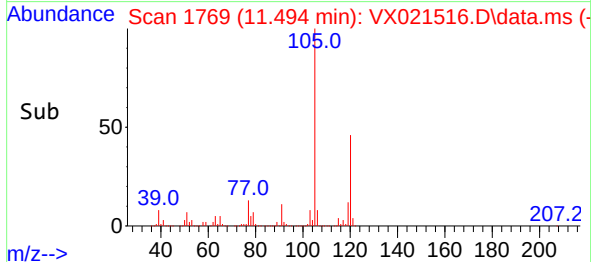
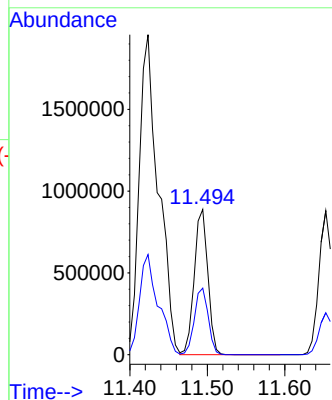
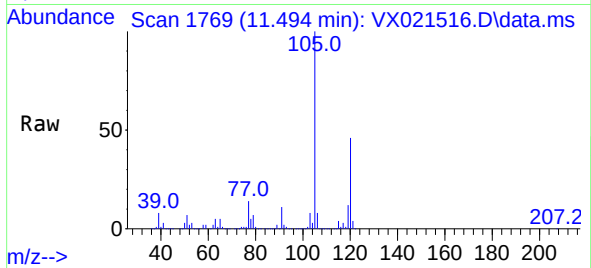
#80
1,3,5-Trimethylbenzene
Concen: 291.56 ug/l
RT: 11.494 min Scan# 1769
Delta R.T. 0.006 min
Lab File: VX021516.D
Acq: 26 Mar 2021 03:38

Tgt Ion:105 Resp: 1082908
Ion Ratio Lower Upper
105 100
120 46.5 23.8 71.5

Instrument :
MSVOA_X
ClientSampled :
MW5

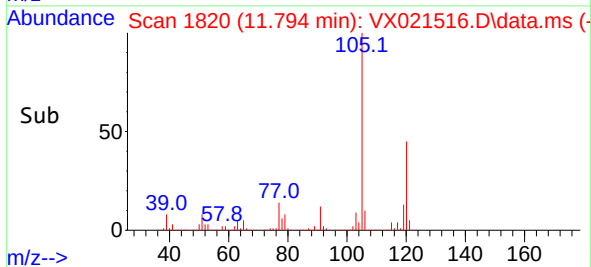
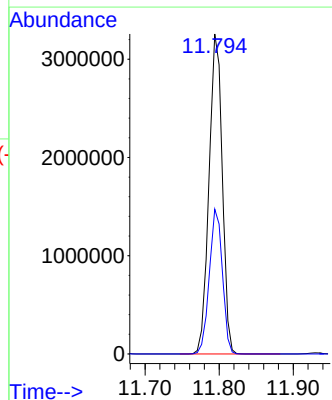
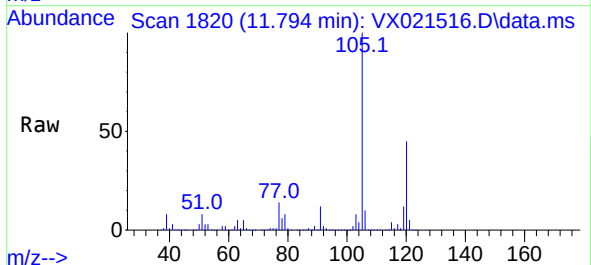
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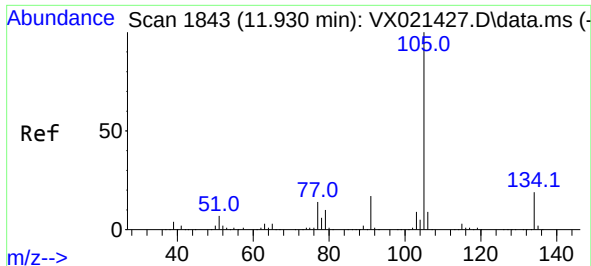
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#84
1,2,4-Trimethylbenzene
Concen: 1079.48 ug/l
RT: 11.794 min Scan# 1820
Delta R.T. 0.005 min
Lab File: VX021516.D
Acq: 26 Mar 2021 03:38

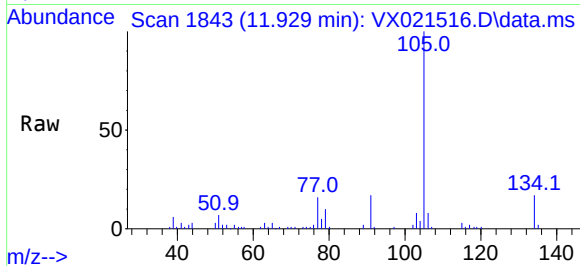
Tgt Ion:105 Resp: 4041604
Ion Ratio Lower Upper
105 100
120 44.6 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 3.41 ug/l m
 RT: 11.929 min Scan# 1843
 Delta R.T. -0.001 min
 Lab File: VX021516.D
 Acq: 26 Mar 2021 03:38

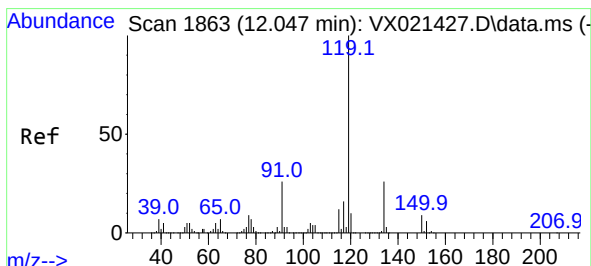
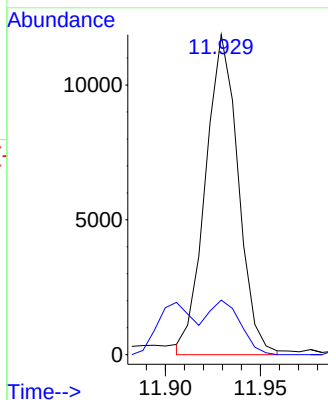
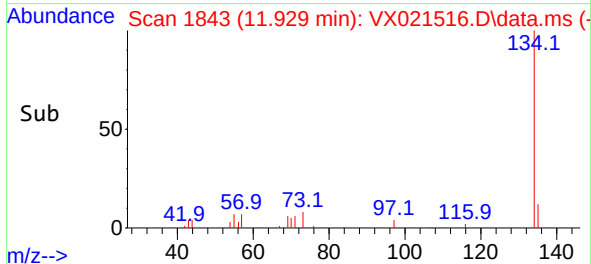
Instrument :
 MSVOA_X
 ClientSampleId :
 MW5



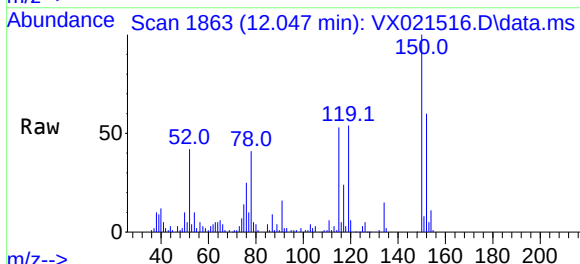
Tgt Ion:105 Resp: 14226
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.0 29.8#

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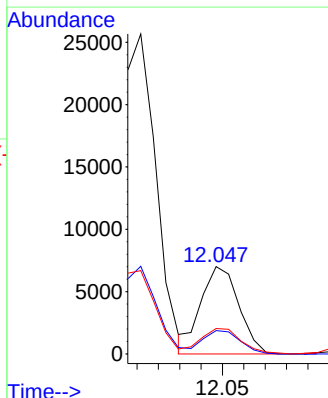
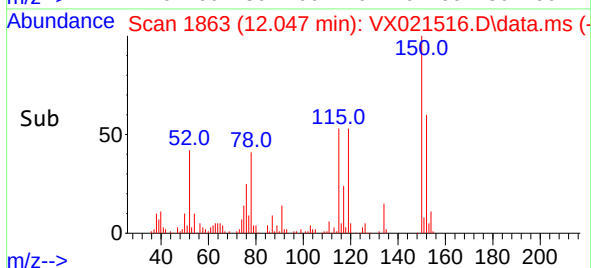
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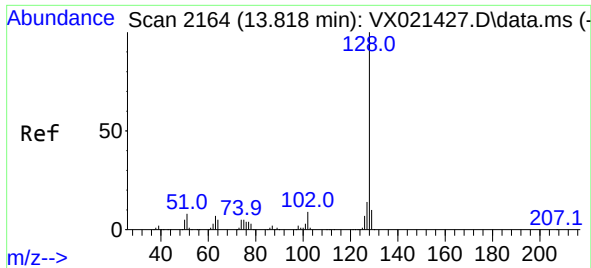


#86
 p-Isopropyltoluene
 Concen: 2.28 ug/l m
 RT: 12.047 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VX021516.D
 Acq: 26 Mar 2021 03:38



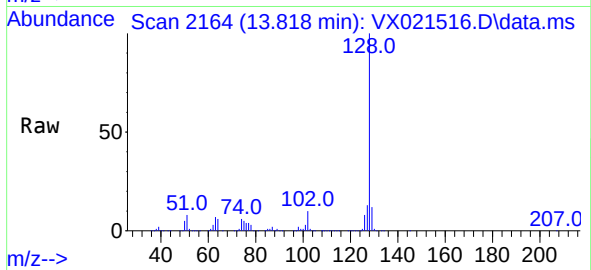
Tgt Ion:119 Resp: 8657
 Ion Ratio Lower Upper
 119 100
 134 98.6 12.9 38.7#
 91 0.0 11.7 35.0#





#95
Naphthalene
Concen: 304.10 ug/l
RT: 13.818 min Scan# 2164
Delta R.T. -0.000 min
Lab File: VX021516.D
Acq: 26 Mar 2021 03:38

Instrument :
MSVOA_X
ClientSampleId :
MW5



Tgt Ion:128 Resp: 1226589
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.3 8.8 13.2

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