

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011921\
 Data File : VX020662.D
 Acq On : 19 Jan 2021 16:31
 Operator : JC/SP
 Sample : M1125-09 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1714-1715

Manual Integrations
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 1/20/2021 5:42:30 PM

Quant Time: Jan 20 03:20:50 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 14:09:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.623	168	229937	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	395941	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	375352	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	179351	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	157727	50.17	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.34%			
35) Dibromofluoromethane	5.464	113	133562	48.96	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 97.92%			
50) Toluene-d8	8.696	98	483177	49.12	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.24%			
62) 4-Bromofluorobenzene	11.116	95	185043	49.77	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 99.54%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	3.008	59	21189	38.01	ug/l	99
16) Acetone	2.416	43	617509	505.77	ug/l	97
25) 2-Butanone	4.635	43	1925	1.08	ug/l	94
39) Methylcyclohexane	7.434	83	4843	1.07	ug/l	95
40) Benzene	6.111	78	7891	0.67	ug/l	98
52) Toluene	8.763	92	284805	39.63	ug/l	98
67) Ethyl Benzene	10.232	91	21981	1.60	ug/l	99
68) m/p-Xylenes	10.342	106	27688	5.41	ug/l	98
69) o-Xylene	10.683	106	12587	2.56	ug/l	98
73) Isopropylbenzene	11.000	105	3192	0.25	ug/l	99
78) n-propylbenzene	11.341	91	9508	0.65	ug/l	99
80) 1,3,5-Trimethylbenzene	11.488	105	8998	0.85	ug/l	98
84) 1,2,4-Trimethylbenzene	11.787	105	33747	3.28	ug/l	98
85) sec-Butylbenzene	11.927	105	3403	0.28	ug/l	85
86) p-Isopropyltoluene	12.049	119	2113m	1.05	ug/l	
89) n-Butylbenzene	12.366	91	6331	2.00	ug/l #	58
95) Naphthalene	13.817	128	882249	65.54	ug/l	100

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

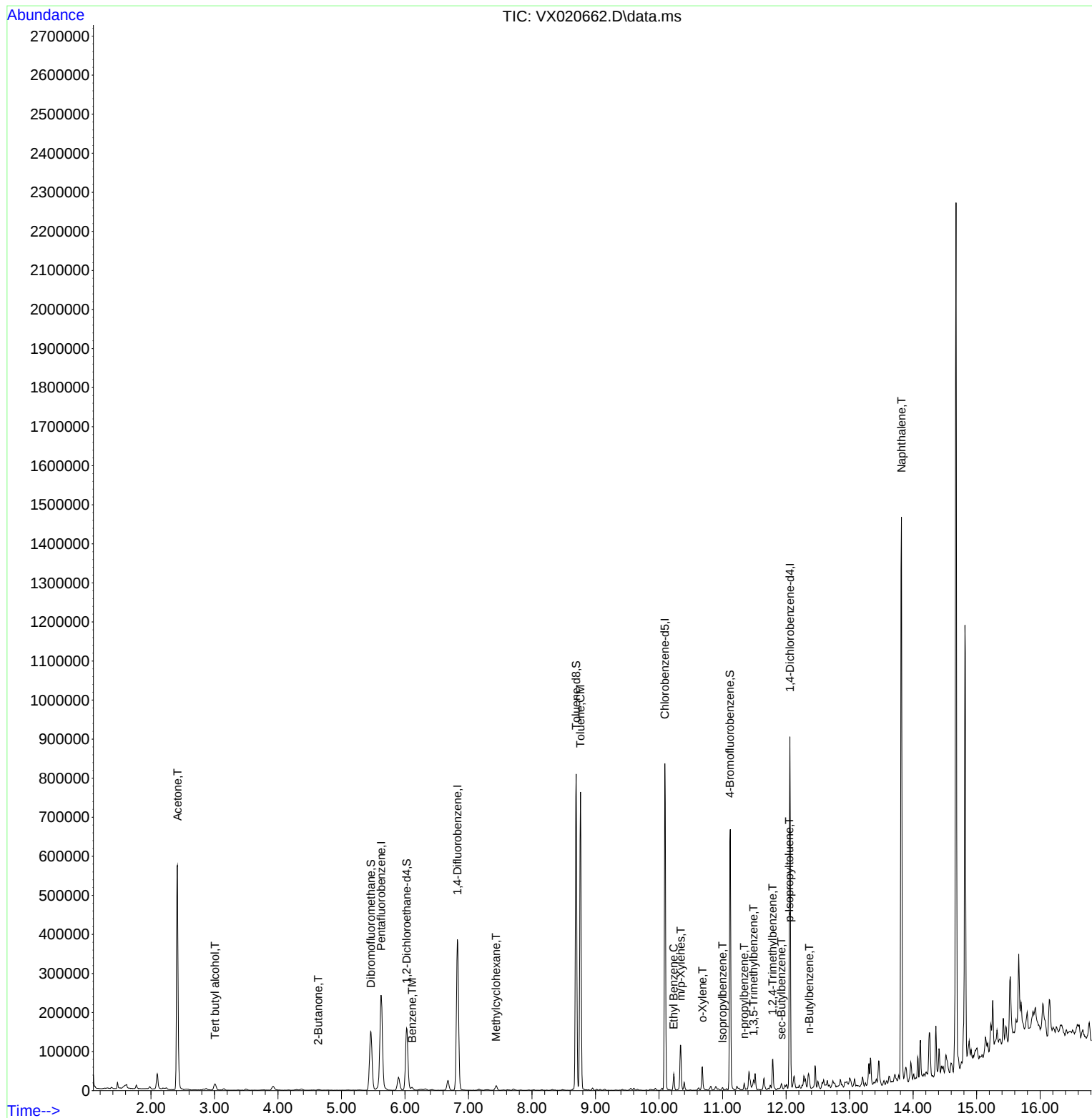
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011921\
Data File : VX020662.D
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Operator : JC/SP
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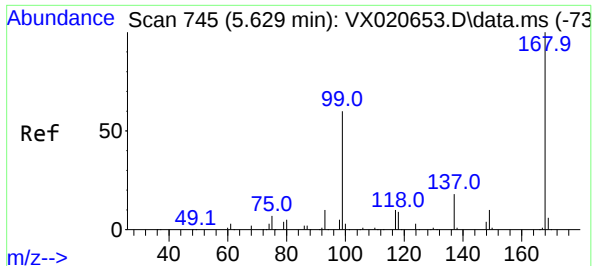
Instrument :
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Quant Time: Jan 20 03:20:50 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011921W.M
Quant Title : SW846 8260
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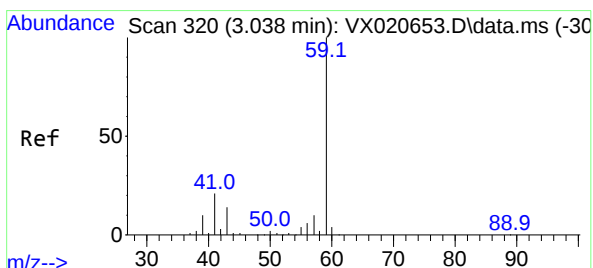
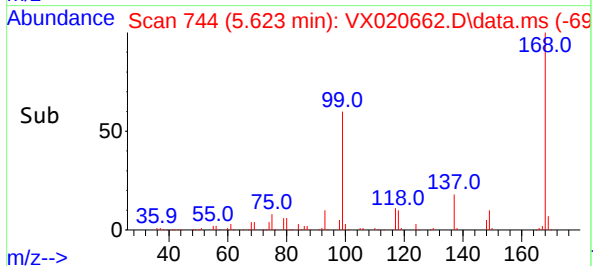
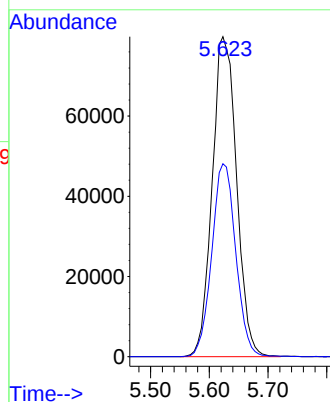
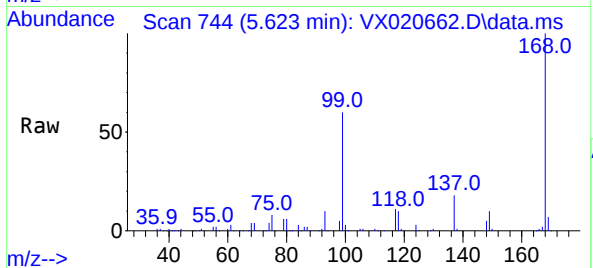
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.006 min
Lab File: VX020662.D
Acq: 19 Jan 2021 16:31

Tgt Ion:168 Resp: 229937
Ion Ratio Lower Upper
168 100
99 60.3 45.8 68.6

Instrument :
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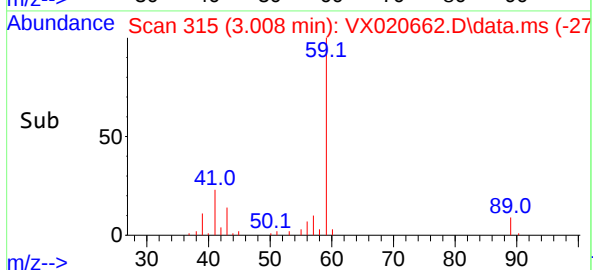
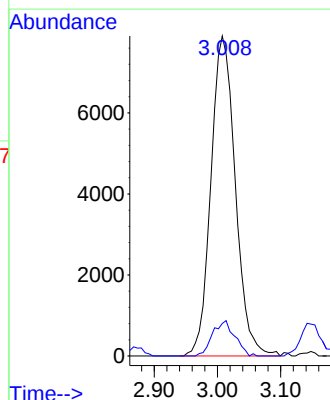
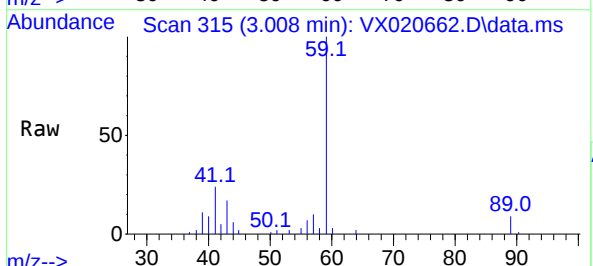
Manual Integrations
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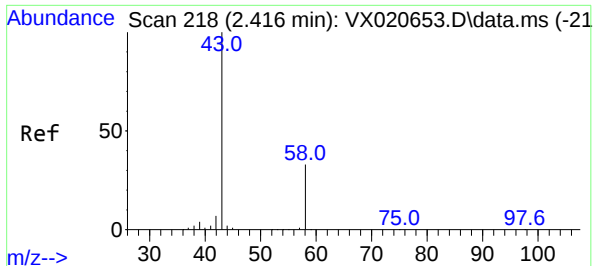
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#11
Tert butyl alcohol
Concen: 38.01 ug/l
RT: 3.008 min Scan# 315
Delta R.T. -0.030 min
Lab File: VX020662.D
Acq: 19 Jan 2021 16:31

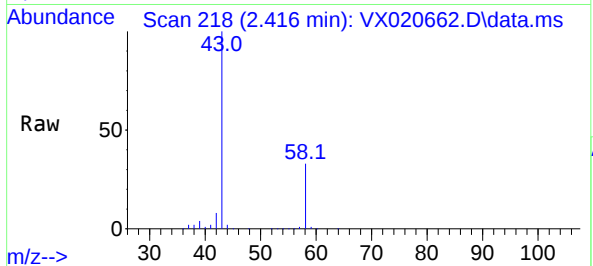
Tgt Ion: 59 Resp: 21189
Ion Ratio Lower Upper
59 100
57 10.1 7.8 11.8





#16
Acetone
Concen: 505.77 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020662.D
Acq: 19 Jan 2021 16:31

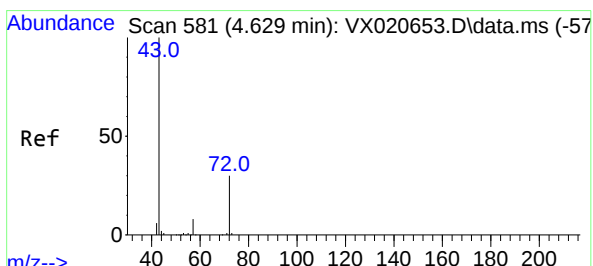
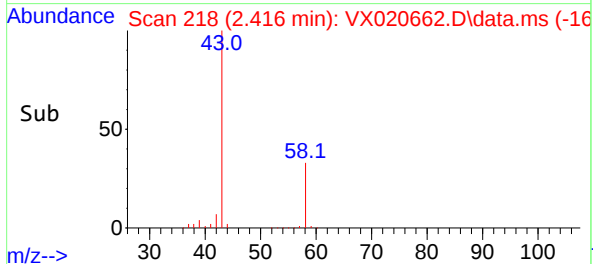
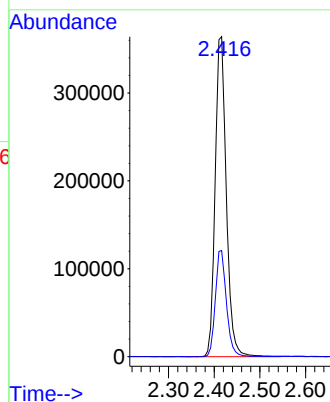
Instrument :
MSVOA_X
ClientSampled :
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Tgt Ion: 43 Resp: 617509
Ion Ratio Lower Upper
43 100
58 33.1 27.8 41.8

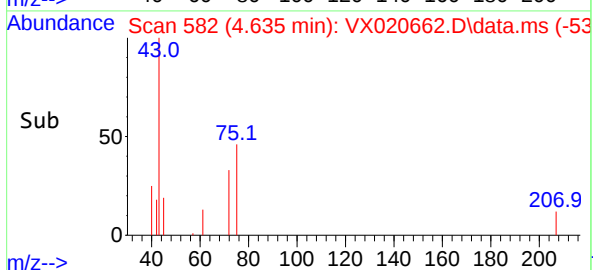
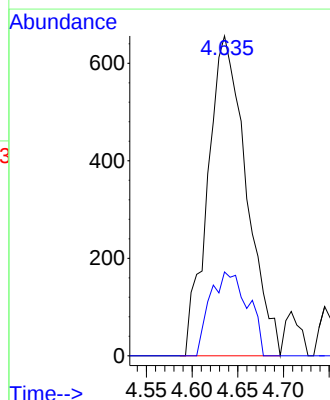
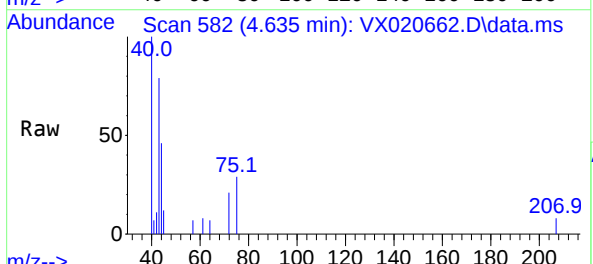
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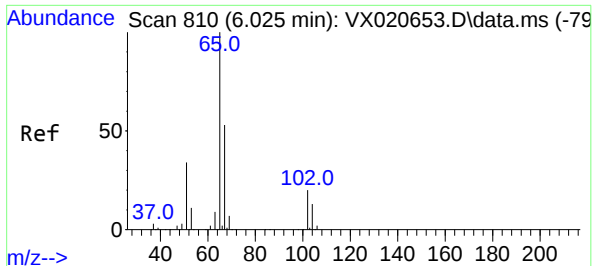
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#25
2-Butanone
Concen: 1.08 ug/l
RT: 4.635 min Scan# 582
Delta R.T. 0.006 min
Lab File: VX020662.D
Acq: 19 Jan 2021 16:31

Tgt Ion: 43 Resp: 1925
Ion Ratio Lower Upper
43 100
72 26.2 23.7 35.5





#33

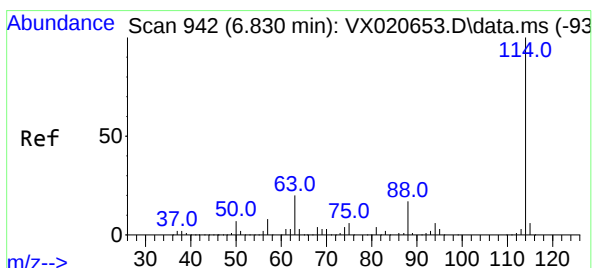
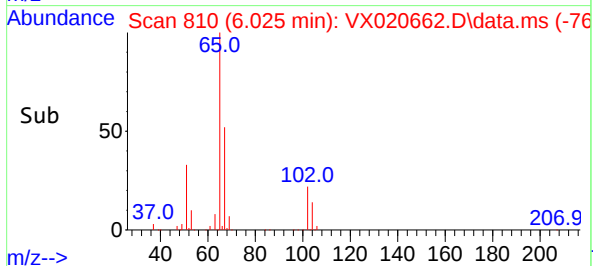
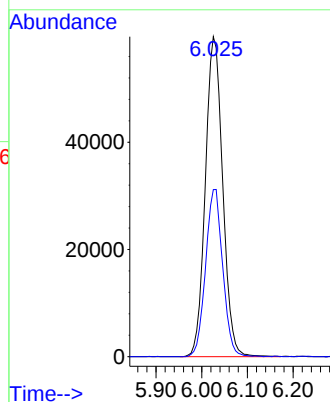
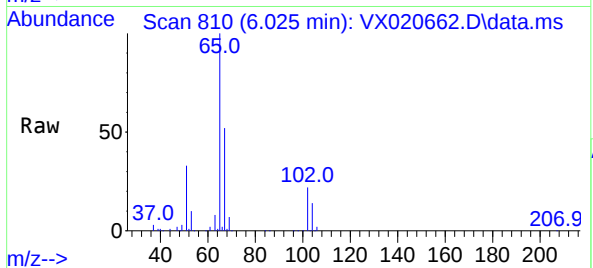
1,2-Dichloroethane-d4
Concen: 50.17 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX020662.D
Acq: 19 Jan 2021 16:31

Tgt Ion: 65 Resp: 157727
Ion Ratio Lower Upper
65 100
67 51.5 0.0 105.4

Instrument :
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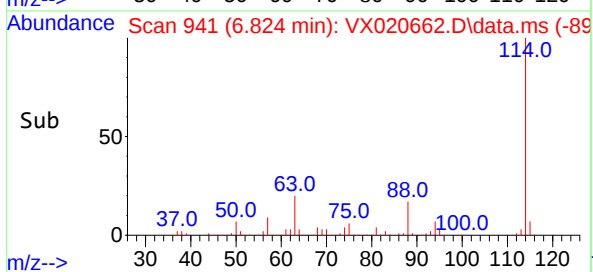
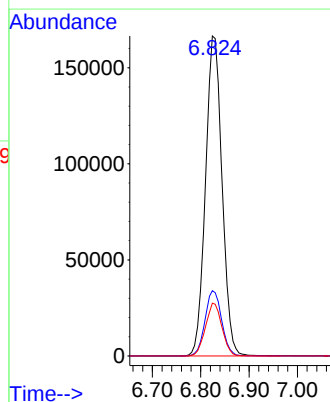
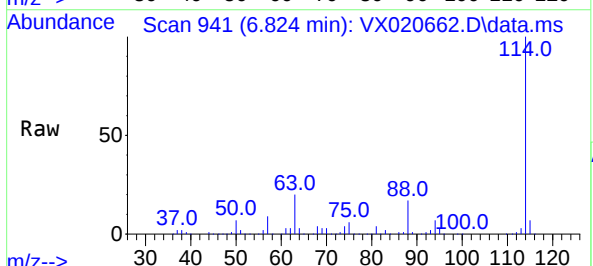
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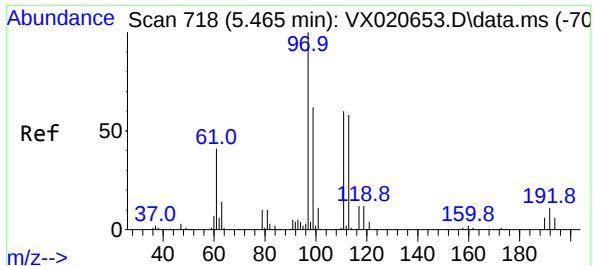


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.824 min Scan# 941
Delta R.T. -0.006 min
Lab File: VX020662.D
Acq: 19 Jan 2021 16:31

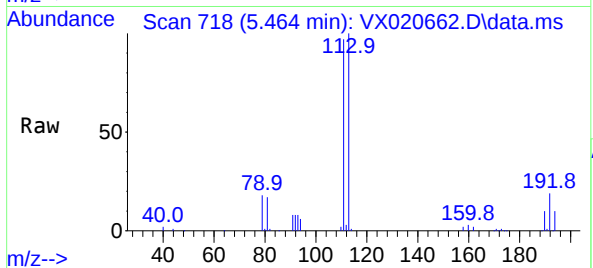
Tgt Ion: 114 Resp: 395941
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.8
88 16.5 0.0 32.8





#35
Dibromofluoromethane
Concen: 48.96 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.001 min
Lab File: VX020662.D
Acq: 19 Jan 2021 16:31

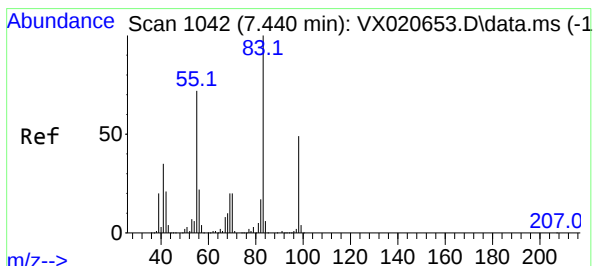
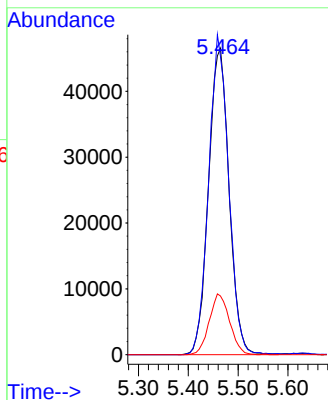
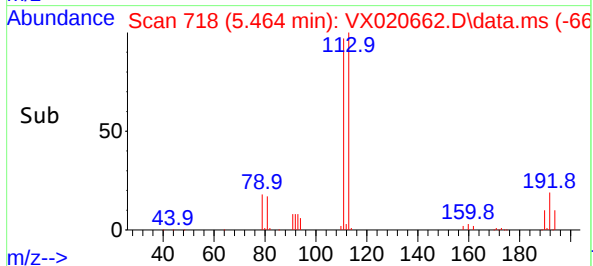
Instrument :
MSVOA_X
ClientSampled :
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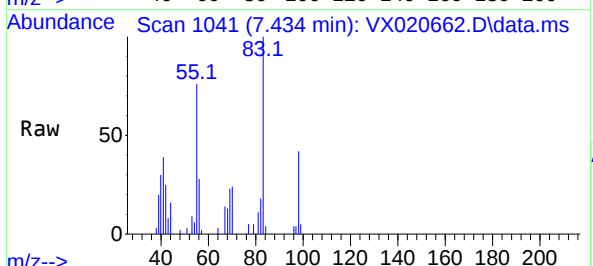
Tgt Ion:113 Resp: 133562
Ion Ratio Lower Upper
113 100
111 101.0 81.9 122.9
192 19.6 16.7 25.1

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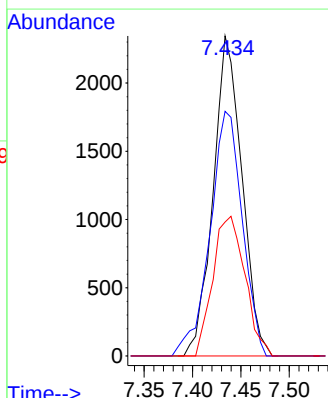
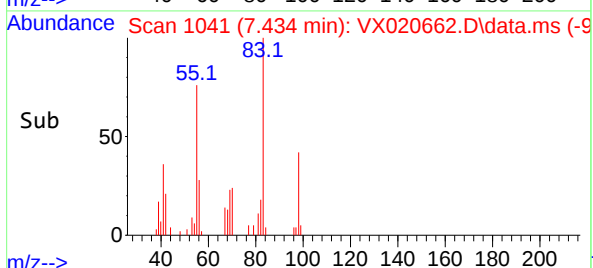
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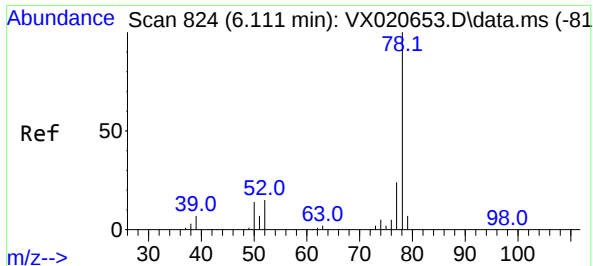


#39
Methylcyclohexane
Concen: 1.07 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VX020662.D
Acq: 19 Jan 2021 16:31



Tgt Ion: 83 Resp: 4843
Ion Ratio Lower Upper
83 100
55 76.5 58.9 88.3
98 41.9 38.1 57.1





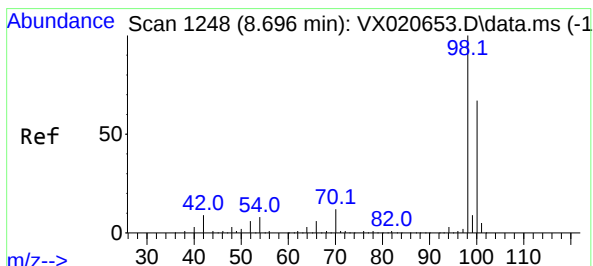
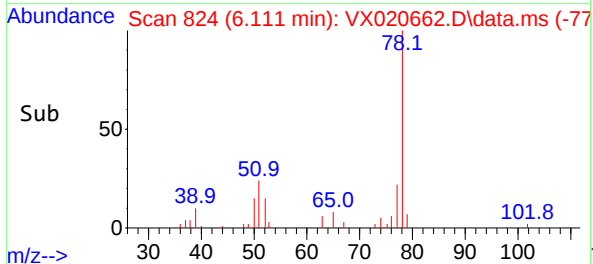
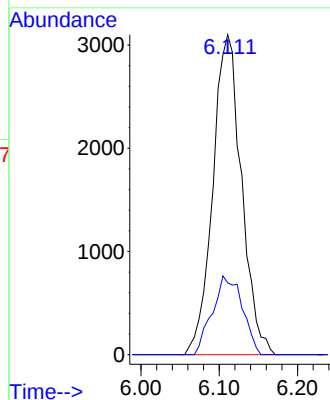
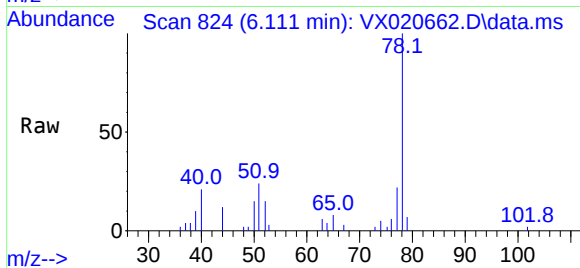
#40
Benzene
Concen: 0.67 ug/l
RT: 6.111 min Scan# 824
Delta R.T. -0.000 min
Lab File: VX020662.D
Acq: 19 Jan 2021 16:31

Tgt Ion: 78 Resp: 7891
Ion Ratio Lower Upper
78 100
77 22.5 18.9 28.3

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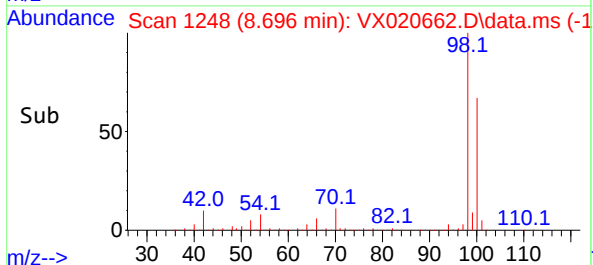
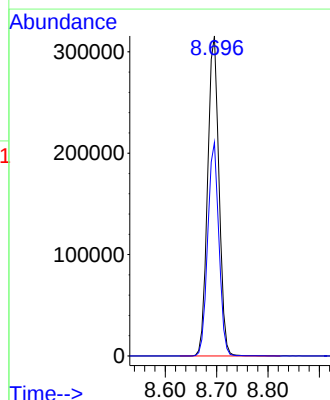
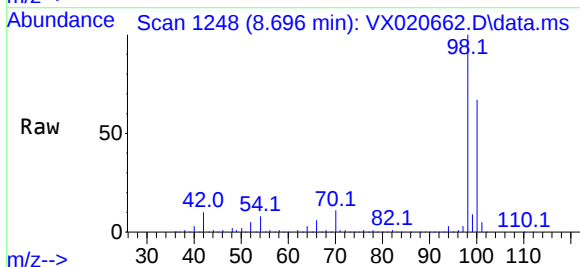
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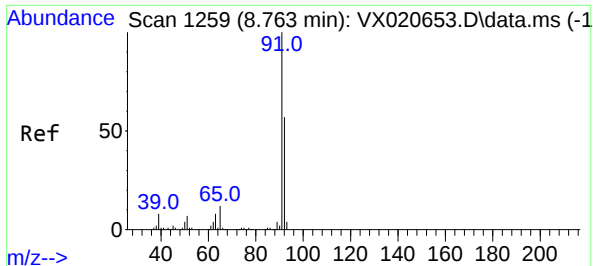
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#50
Toluene-d8
Concen: 49.12 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VX020662.D
Acq: 19 Jan 2021 16:31

Tgt Ion: 98 Resp: 483177
Ion Ratio Lower Upper
98 100
100 65.6 51.9 77.9





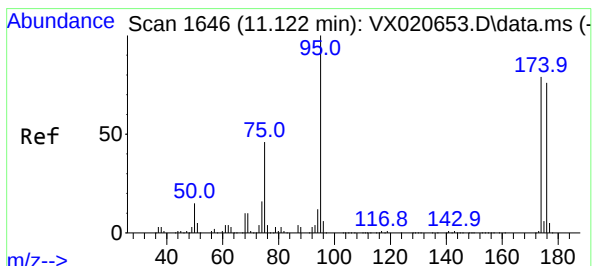
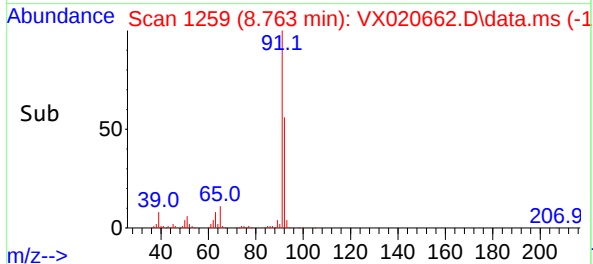
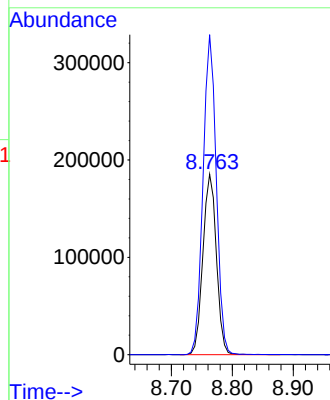
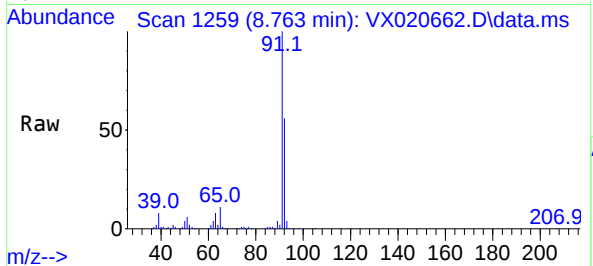
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Toluene
Concen: 39.63 ug/l
RT: 8.763 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VX020662.D
Acq: 19 Jan 2021 16:31

Tgt Ion: 92 Resp: 284805
Ion Ratio Lower Upper
92 100
91 174.1 137.1 205.7

Instrument :
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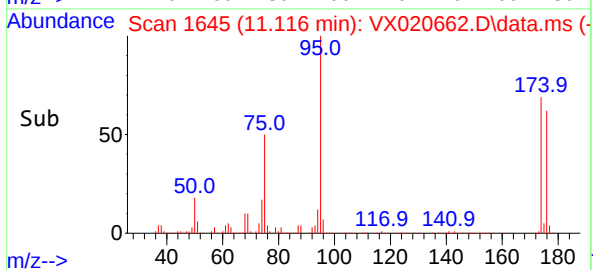
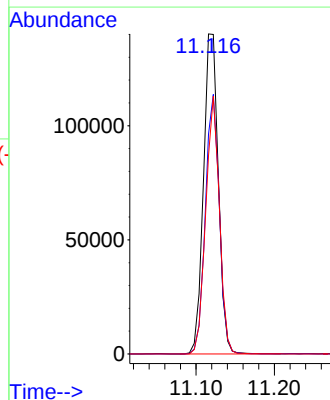
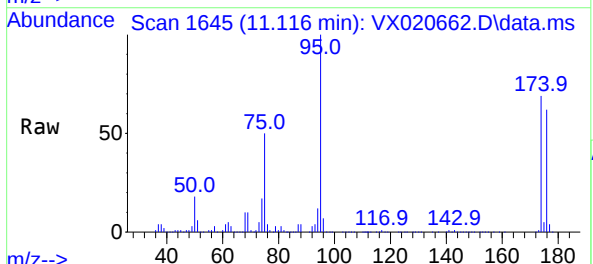
Manual Integrations
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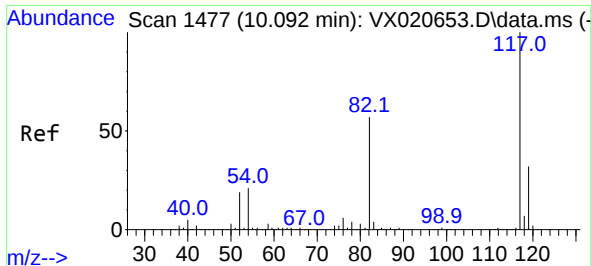
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#62
4-Bromofluorobenzene
Concen: 49.77 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.006 min
Lab File: VX020662.D
Acq: 19 Jan 2021 16:31

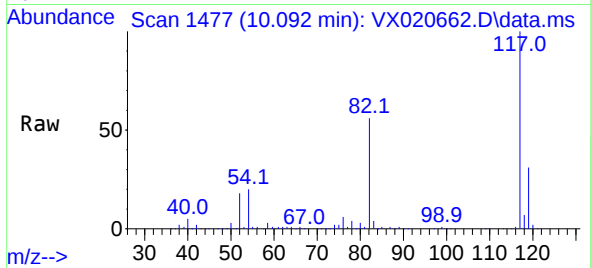
Tgt Ion: 95 Resp: 185043
Ion Ratio Lower Upper
95 100
174 76.0 0.0 154.6
176 74.0 0.0 155.8





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020662.D
Acq: 19 Jan 2021 16:31

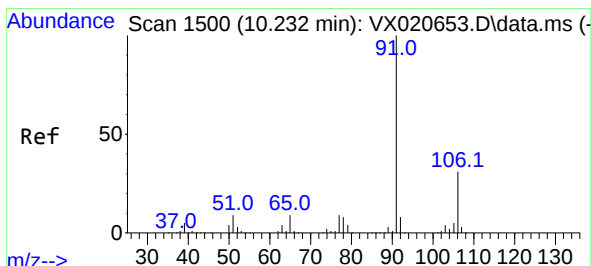
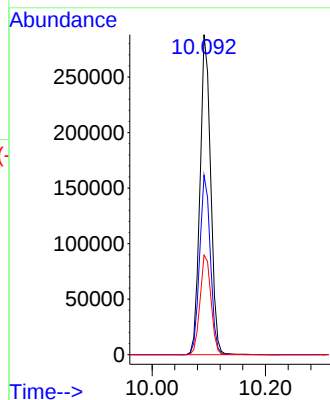
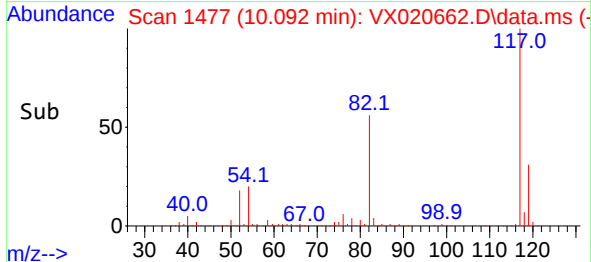
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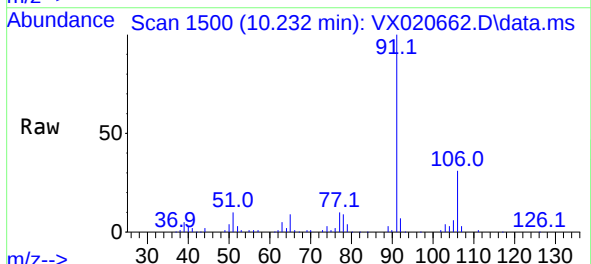
Tgt Ion:117 Resp: 375352
Ion Ratio Lower Upper
117 100
82 56.0 47.4 71.2
119 31.1 26.6 39.8

Manual Integrations
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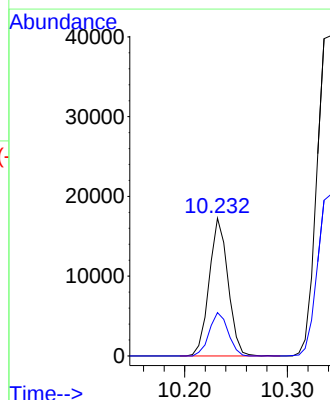
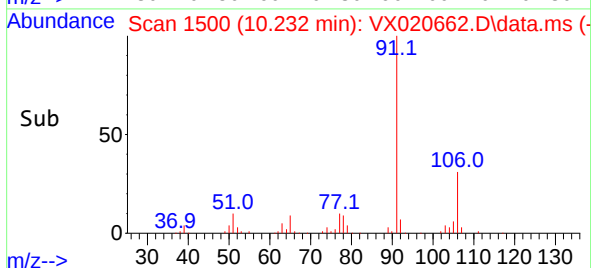
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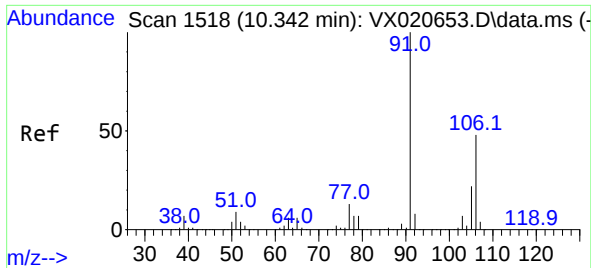


#67
Ethyl Benzene
Concen: 1.60 ug/l
RT: 10.232 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VX020662.D
Acq: 19 Jan 2021 16:31



Tgt Ion: 91 Resp: 21981
Ion Ratio Lower Upper
91 100
106 31.4 24.6 37.0





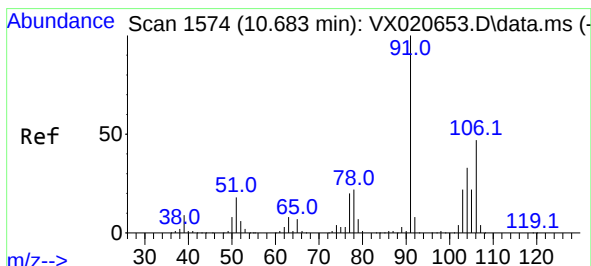
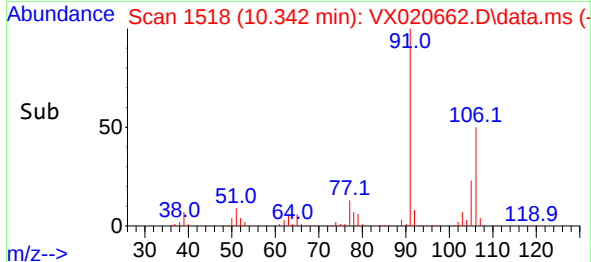
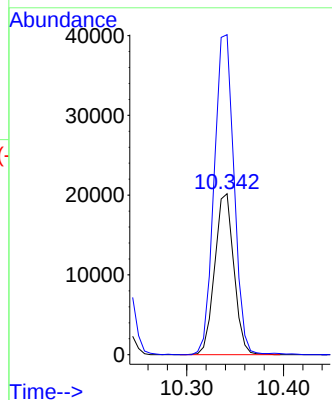
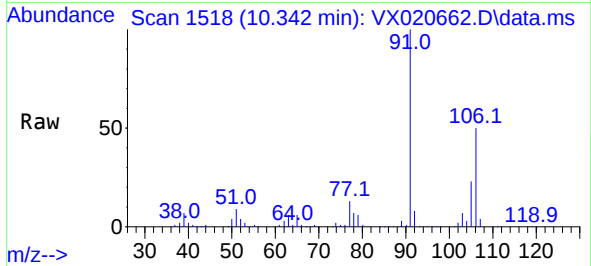
#68
m/p-Xylenes
Concen: 5.41 ug/l
RT: 10.342 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VX020662.D
Acq: 19 Jan 2021 16:31

Instrument :
MSVOA_X
ClientSampled :
1714-1715

Tgt Ion:106 Resp: 27688
Ion Ratio Lower Upper
106 100
91 206.7 162.8 244.2

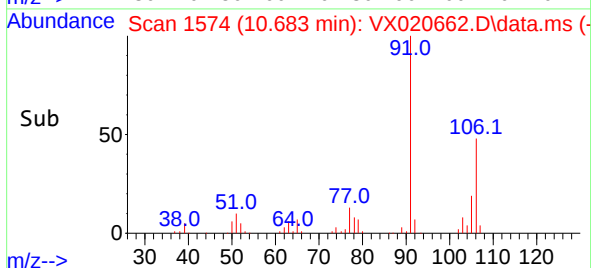
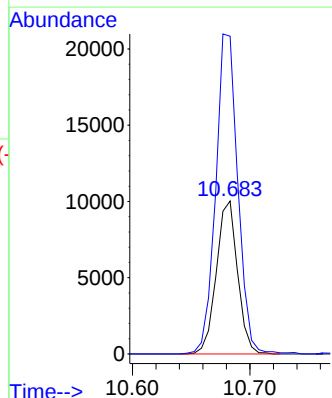
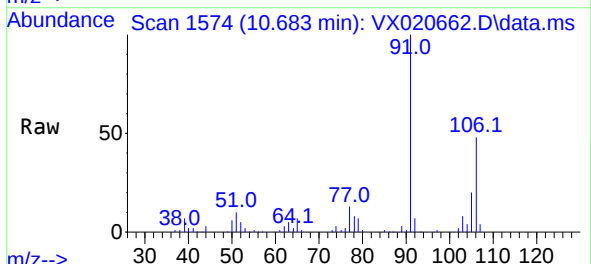
Manual Integrations
APPROVED

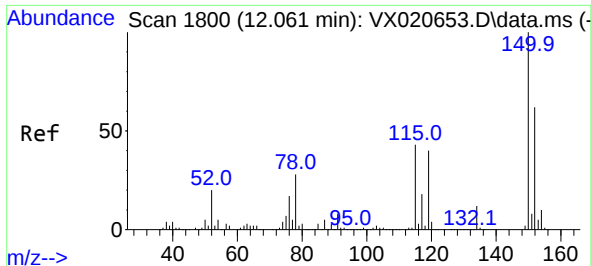
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#69
o-Xylene
Concen: 2.56 ug/l
RT: 10.683 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VX020662.D
Acq: 19 Jan 2021 16:31

Tgt Ion:106 Resp: 12587
Ion Ratio Lower Upper
106 100
91 218.5 108.1 324.2





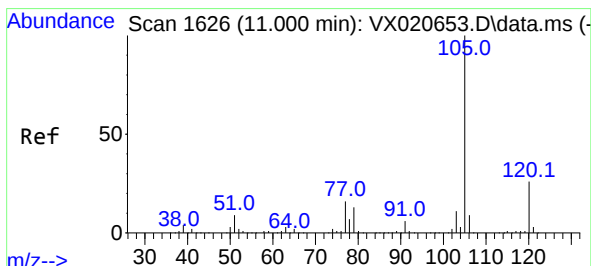
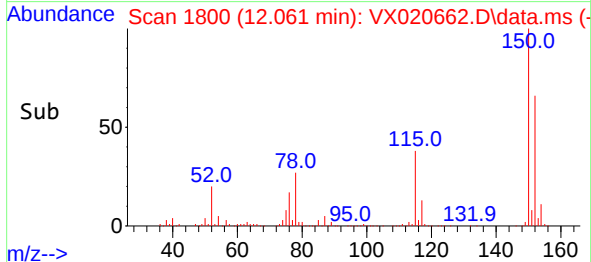
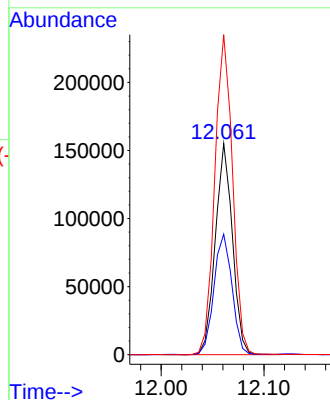
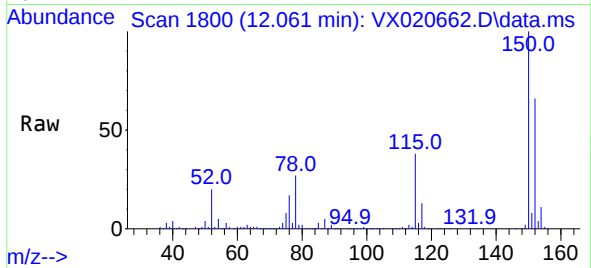
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020662.D
Acq: 19 Jan 2021 16:31

Tgt Ion:152 Resp: 179351
Ion Ratio Lower Upper
152 100
115 60.1 41.1 123.3
150 156.9 0.0 349.0

Instrument :
MSVOA_X
ClientSampled :
1714-1715

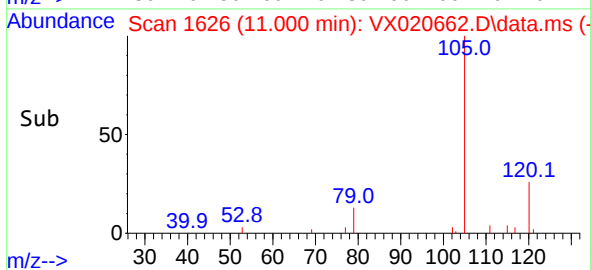
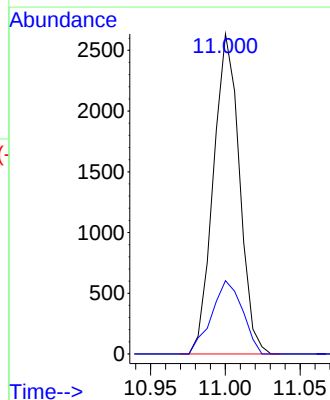
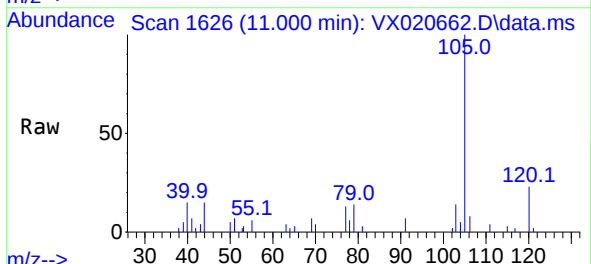
Manual Integrations
APPROVED

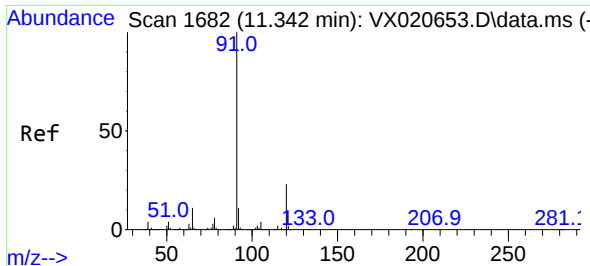
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#73
Isopropylbenzene
Concen: 0.25 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VX020662.D
Acq: 19 Jan 2021 16:31

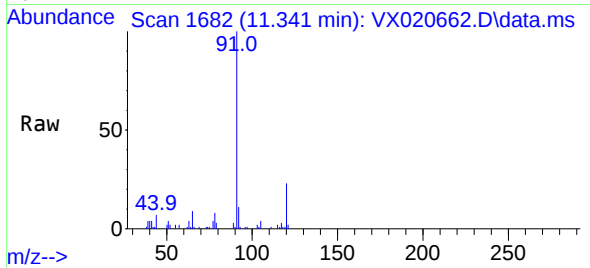
Tgt Ion:105 Resp: 3192
Ion Ratio Lower Upper
105 100
120 27.1 13.2 39.6





#78
n-propylbenzene
Concen: 0.65 ug/l
RT: 11.341 min Scan# 1682
Delta R.T. -0.001 min
Lab File: VX020662.D
Acq: 19 Jan 2021 16:31

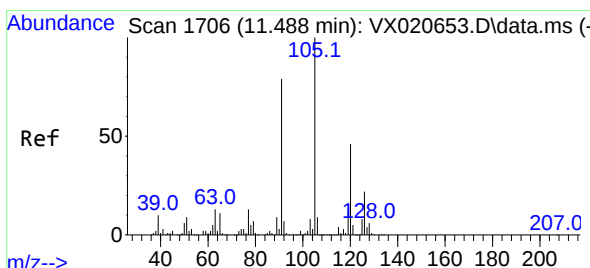
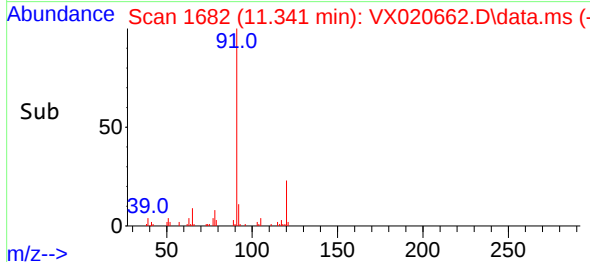
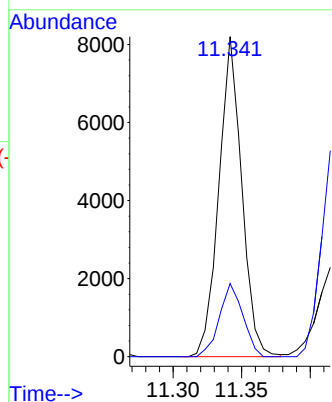
Instrument :
MSVOA_X
ClientSampled :
1714-1715



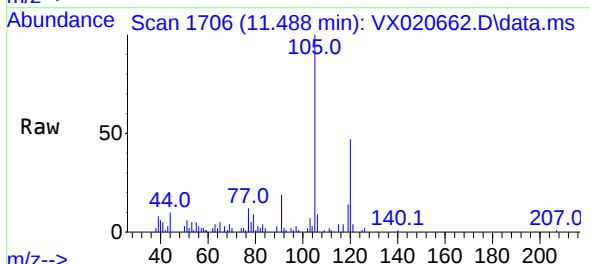
Tgt Ion: 91 Resp: 9508
Ion Ratio Lower Upper
91 100
120 23.5 11.5 34.5

Manual Integrations
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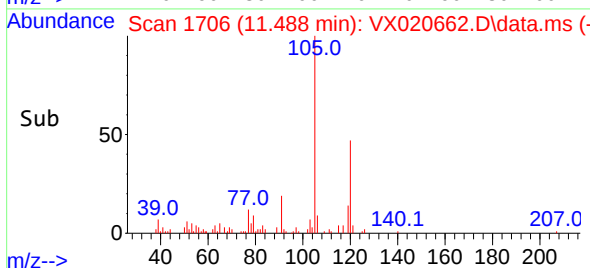
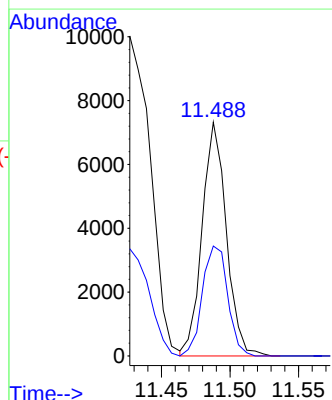
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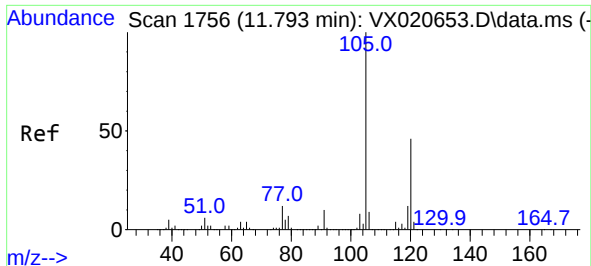


#80
1,3,5-Trimethylbenzene
Concen: 0.85 ug/l
RT: 11.488 min Scan# 1706
Delta R.T. -0.000 min
Lab File: VX020662.D
Acq: 19 Jan 2021 16:31



Tgt Ion: 105 Resp: 8998
Ion Ratio Lower Upper
105 100
120 49.3 23.8 71.5





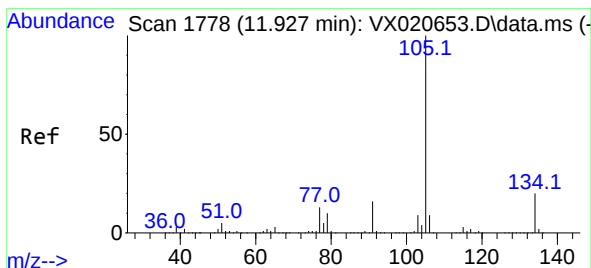
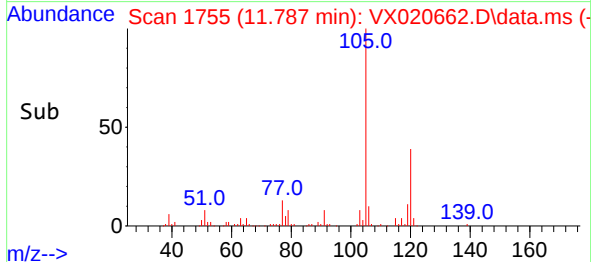
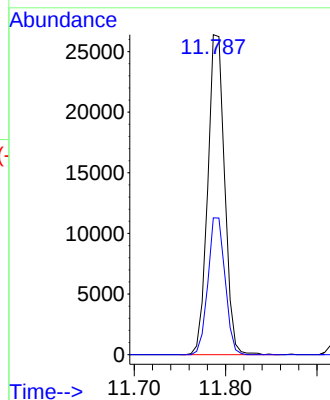
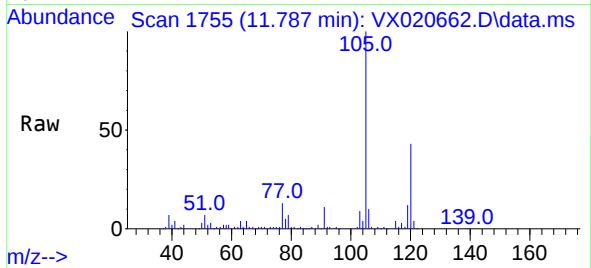
#84
1,2,4-Trimethylbenzene
Concen: 3.28 ug/l
RT: 11.787 min Scan# 1755
Delta R.T. -0.006 min
Lab File: VX020662.D
Acq: 19 Jan 2021 16:31

Tgt Ion:105 Resp: 33747
Ion Ratio Lower Upper
105 100
120 43.3 22.4 67.3

Instrument :
MSVOA_X
ClientSampleId :
1714-1715

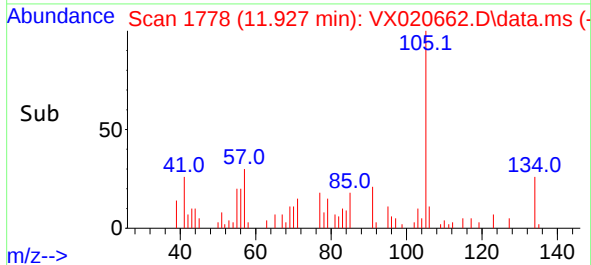
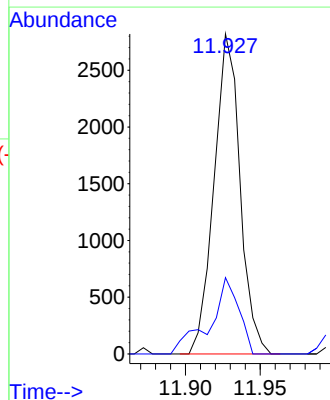
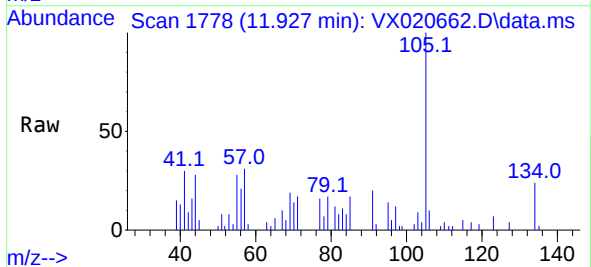
Manual Integrations
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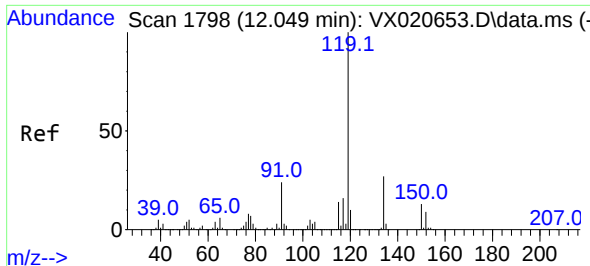
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#85
sec-Butylbenzene
Concen: 0.28 ug/l
RT: 11.927 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VX020662.D
Acq: 19 Jan 2021 16:31

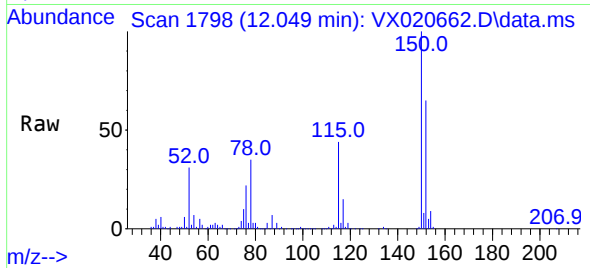
Tgt Ion:105 Resp: 3403
Ion Ratio Lower Upper
105 100
134 26.6 10.0 29.8





#86
p-Isopropyltoluene
Concen: 1.05 ug/l m
RT: 12.049 min Scan# 1798
Delta R.T. -0.000 min
Lab File: VX020662.D
Acq: 19 Jan 2021 16:31

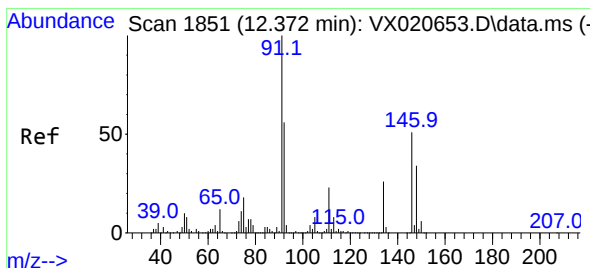
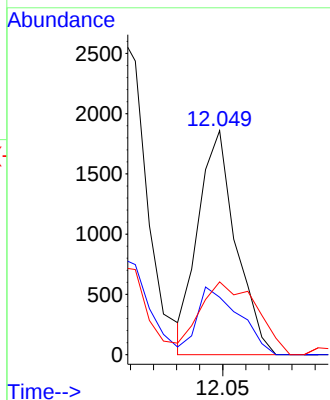
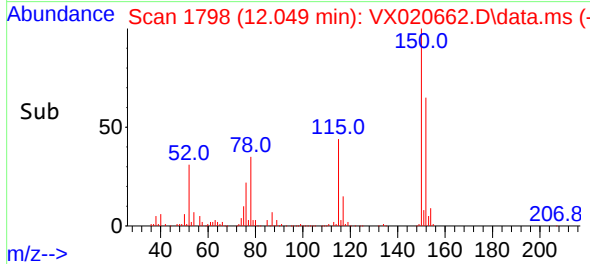
Instrument :
MSVOA_X
ClientSampled :
1714-1715



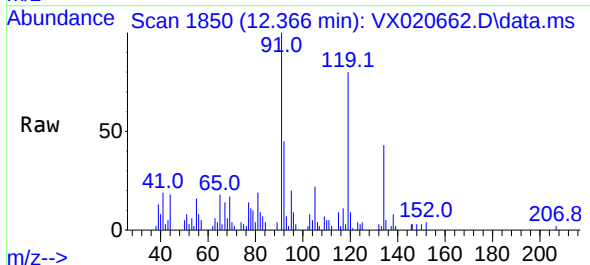
Tgt Ion:119 Resp: 2113
Ion Ratio Lower Upper
119 100
134 53.4 12.9 38.7#
91 40.1 11.7 35.0#

Manual Integrations
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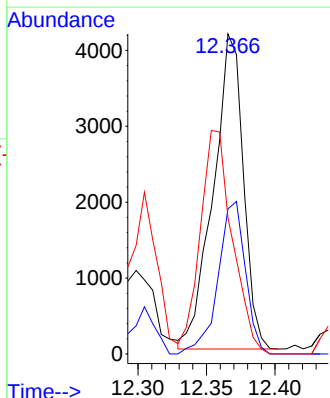
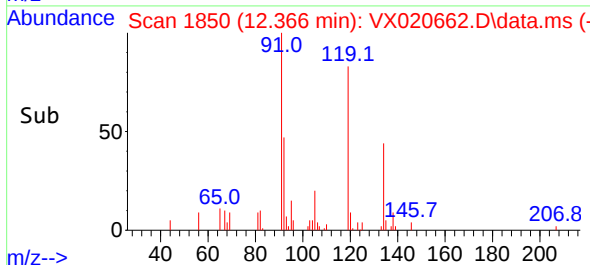
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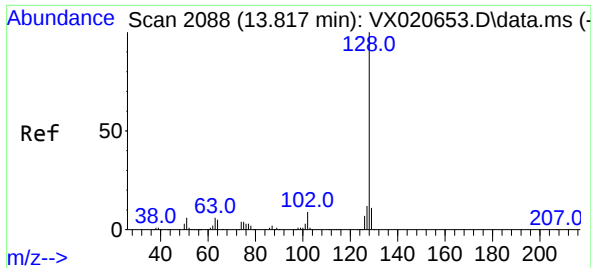


#89
n-Butylbenzene
Concen: 2.00 ug/l
RT: 12.366 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VX020662.D
Acq: 19 Jan 2021 16:31



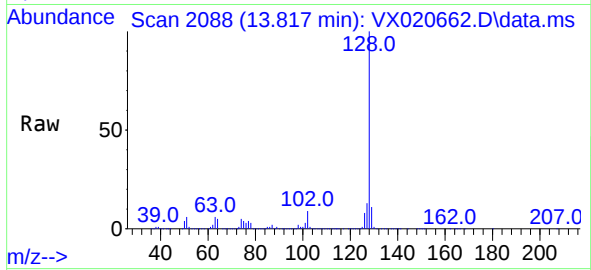
Tgt Ion: 91 Resp: 6331
Ion Ratio Lower Upper
91 100
92 44.0 27.4 82.0
134 75.9 13.2 39.5#





#95
Naphthalene
Concen: 65.54 ug/l
RT: 13.817 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VX020662.D
Acq: 19 Jan 2021 16:31

Instrument :
MSVOA_X
ClientSampleId :
1714-1715



Tgt Ion:128 Resp: 882249
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.2 8.8 13.2

Manual Integrations
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