

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011921\
 Data File : VX020671.D
 Acq On : 19 Jan 2021 19:59
 Operator : JC/SP
 Sample : M1125-09 200X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1714-1715

Manual Integrations
 APPROVED

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 1/20/2021 5:42:32 PM

Quant Time: Jan 20 03:22:27 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	5.629	168	240005	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	422856	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	389668	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	185834	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	166293	50.68	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.36%			
35) Dibromofluoromethane	5.458	113	140936	48.38	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 96.76%			
50) Toluene-d8	8.696	98	517675	49.28	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.56%			
62) 4-Bromofluorobenzene	11.122	95	194494	48.98	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 97.96%			
Target Compounds						Qvalue
11) Tert butyl alcohol	3.002	59	12220	21.00	ug/l	100
16) Acetone	2.410	43	357308	280.38	ug/l	98
25) 2-Butanone	4.641	43	1140	0.61	ug/l	94
39) Methylcyclohexane	7.440	83	3615	0.75	ug/l #	92
40) Benzene	6.111	78	4548	0.36	ug/l	95
52) Toluene	8.763	92	186520	24.30	ug/l	99
67) Ethyl Benzene	10.232	91	15598	1.09	ug/l	100
68) m/p-Xylenes	10.342	106	19266	3.63	ug/l	97
69) o-Xylene	10.683	106	8398	1.65	ug/l	96
78) n-propylbenzene	11.341	91	6580	0.44	ug/l	97
80) 1,3,5-Trimethylbenzene	11.488	105	6394	0.58	ug/l	97
84) 1,2,4-Trimethylbenzene	11.787	105	24570	2.43	ug/l	98
86) p-Isopropyltoluene	12.049	119	1266m	0.98	ug/l	
89) n-Butylbenzene	12.372	91	4006	1.78	ug/l #	53
95) Naphthalene	13.817	128	572197	41.75	ug/l	100

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

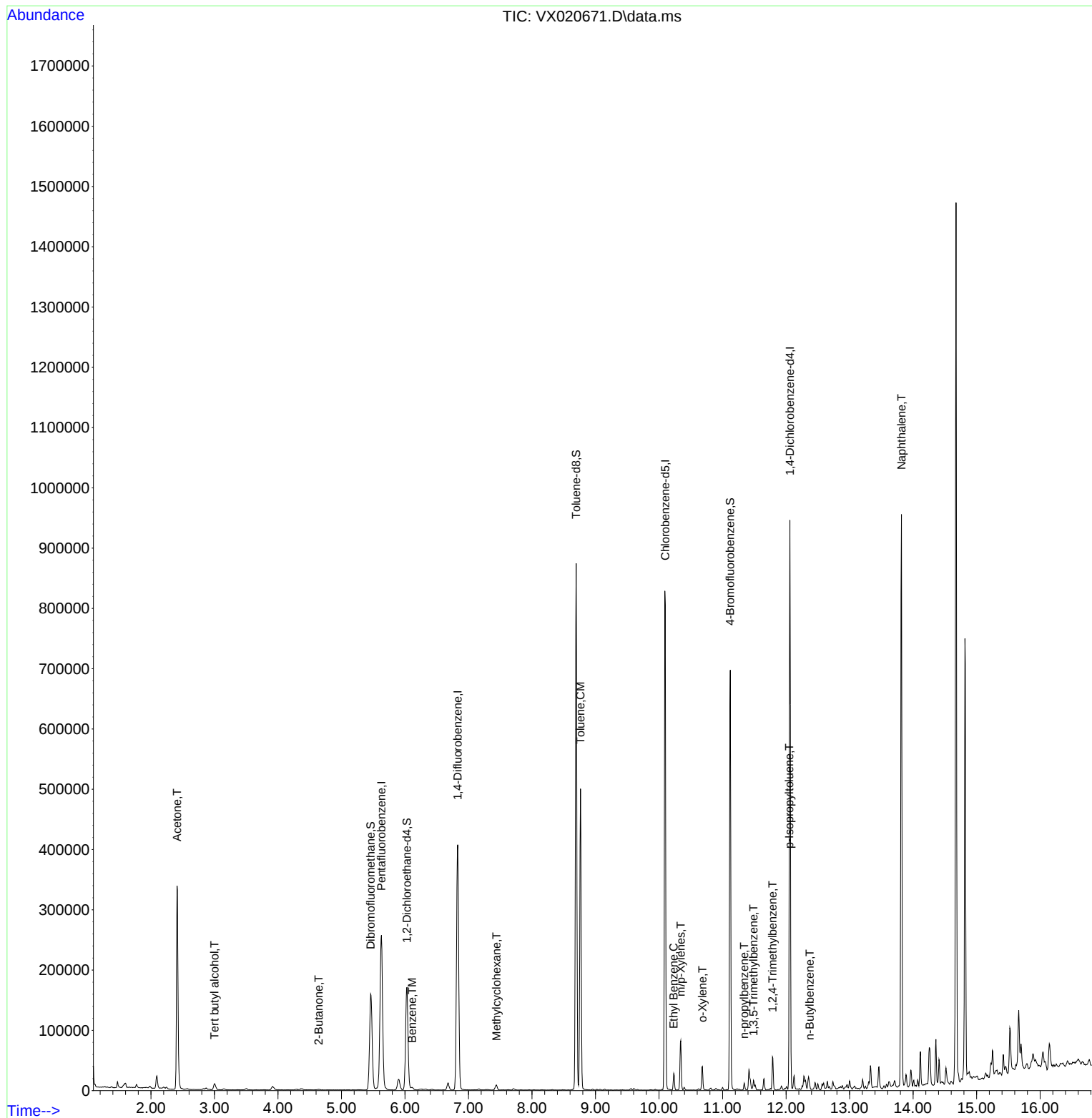
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Data File : VX020671.D
Acq On : 19 Jan 2021 19:59
Operator : JC/SP
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Misc : 5.0mL/MSVOA_X/WATER
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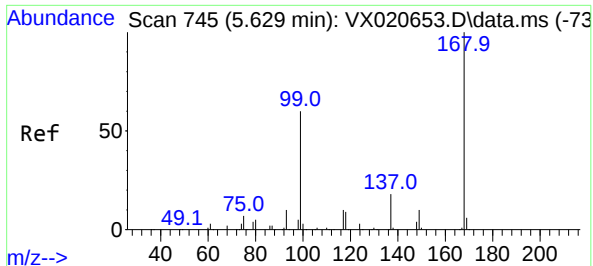
Instrument :
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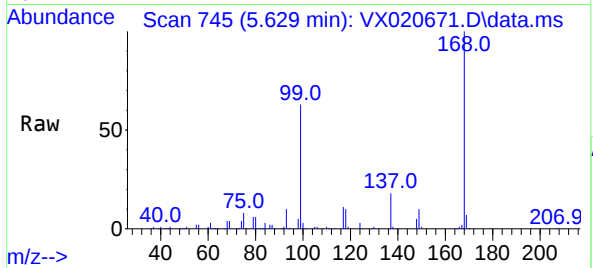
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Quant Time: Jan 20 03:22:27 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011921W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 19 14:09:08 2021
Response via : Initial Calibration

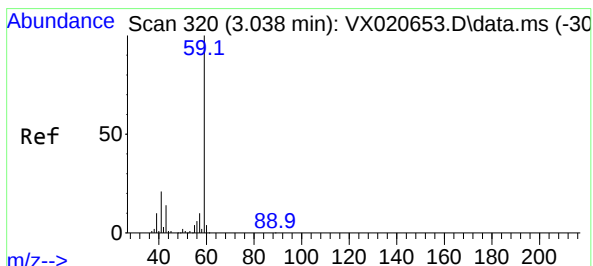
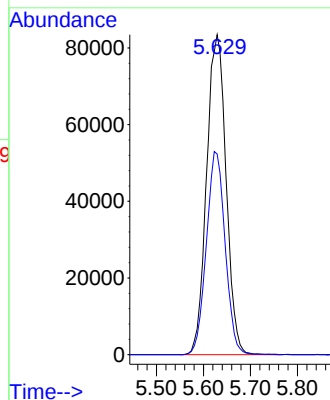
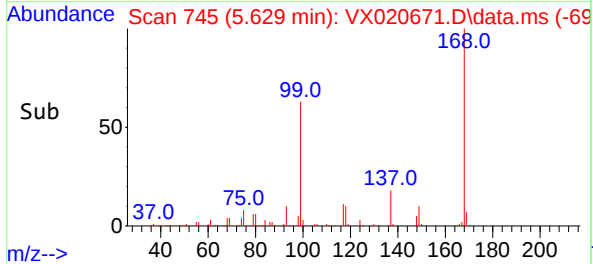




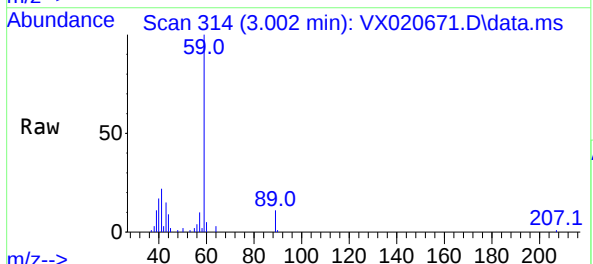
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.000 min
Lab File: VX020671.D
Acq: 19 Jan 2021 19:59



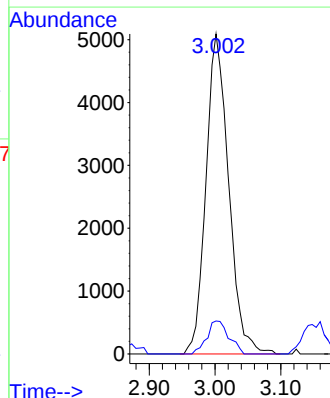
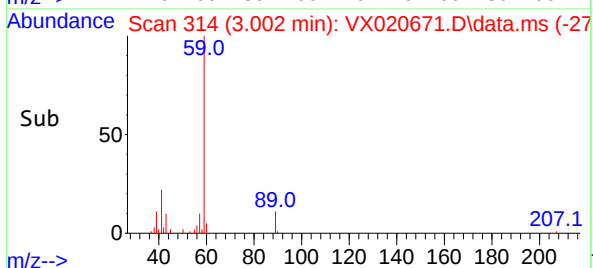
Tgt Ion:168 Resp: 240005
Ion Ratio Lower Upper
168 100
99 62.7 45.8 68.6



#11
Tert butyl alcohol
Concen: 21.00 ug/l
RT: 3.002 min Scan# 314
Delta R.T. -0.036 min
Lab File: VX020671.D
Acq: 19 Jan 2021 19:59



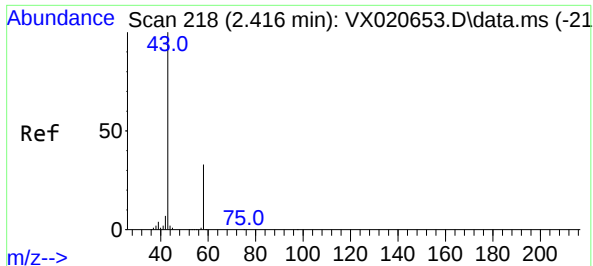
Tgt Ion: 59 Resp: 12220
Ion Ratio Lower Upper
59 100
57 10.0 7.8 11.8



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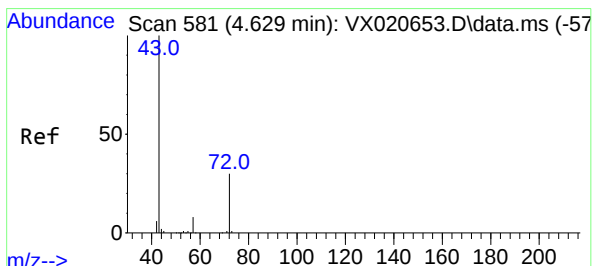
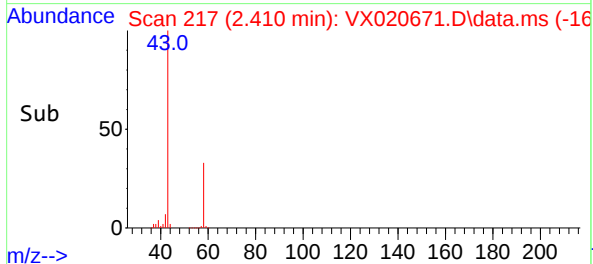
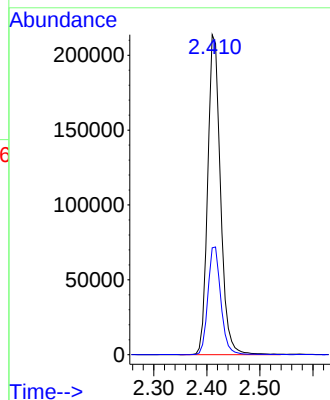
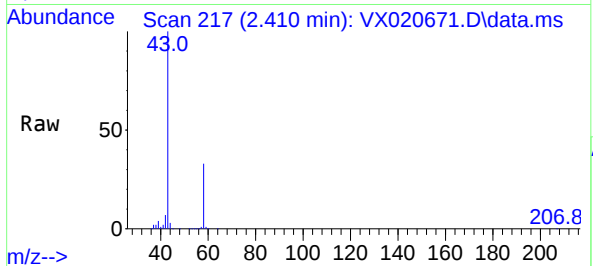
#16
Acetone
Concen: 280.38 ug/l
RT: 2.410 min Scan# 217
Delta R.T. -0.006 min
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Tgt Ion: 43 Resp: 357308
Ion Ratio Lower Upper
43 100
58 33.4 27.8 41.8

Instrument :
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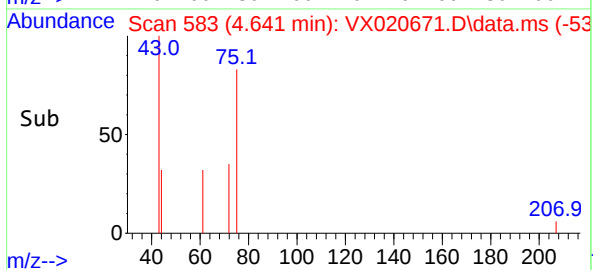
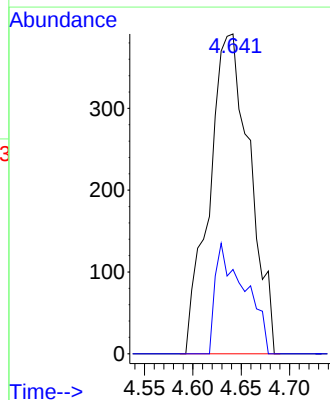
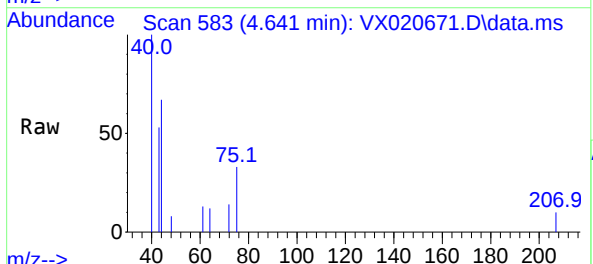
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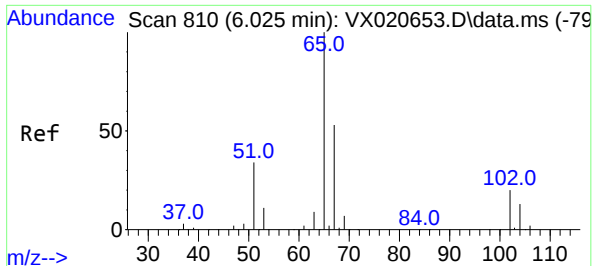
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#25
2-Butanone
Concen: 0.61 ug/l
RT: 4.641 min Scan# 583
Delta R.T. 0.012 min
Lab File: VX020671.D
Acq: 19 Jan 2021 19:59

Tgt Ion: 43 Resp: 1140
Ion Ratio Lower Upper
43 100
72 26.3 23.7 35.5





#33

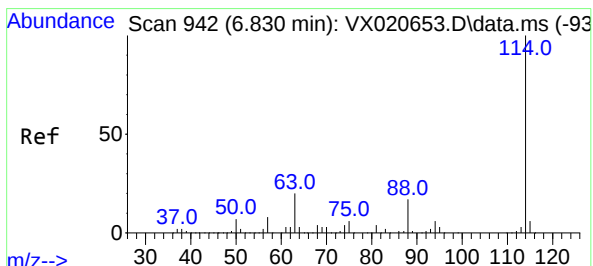
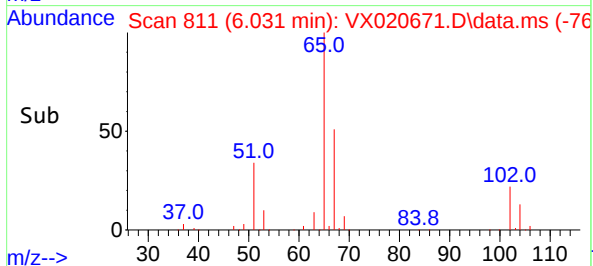
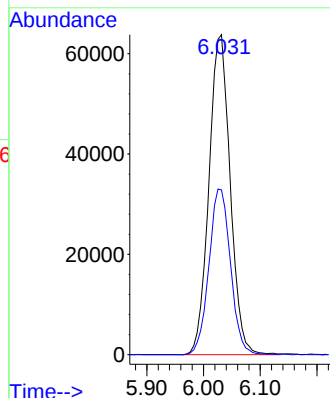
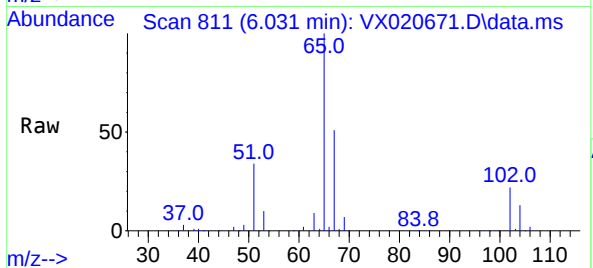
1,2-Dichloroethane-d4
Concen: 50.68 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020671.D
Acq: 19 Jan 2021 19:59

Tgt Ion: 65 Resp: 166293
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.4

Instrument :
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ClientSampled :
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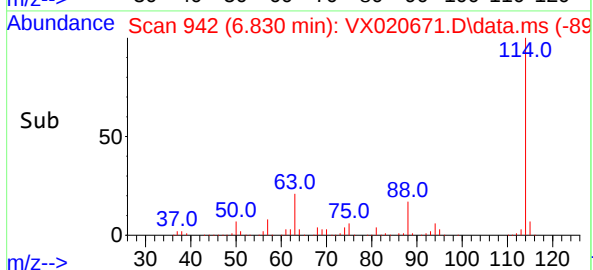
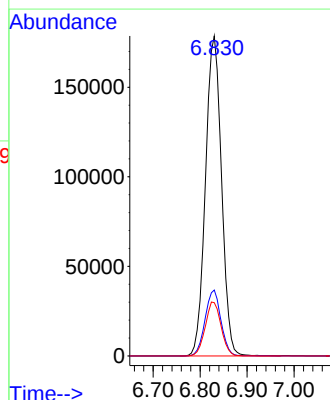
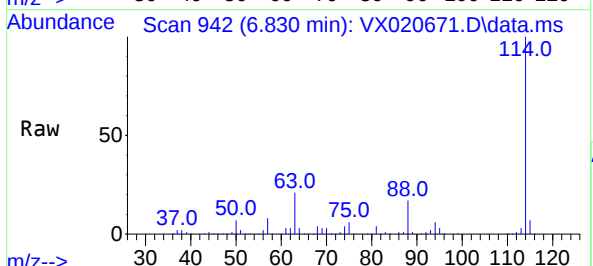
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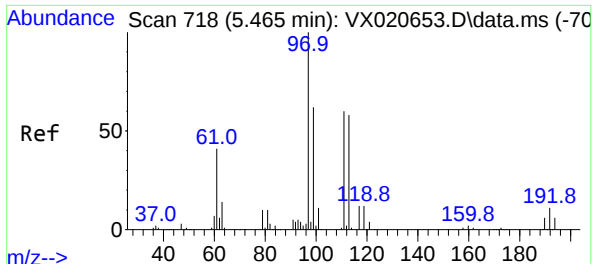


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.000 min
Lab File: VX020671.D
Acq: 19 Jan 2021 19:59

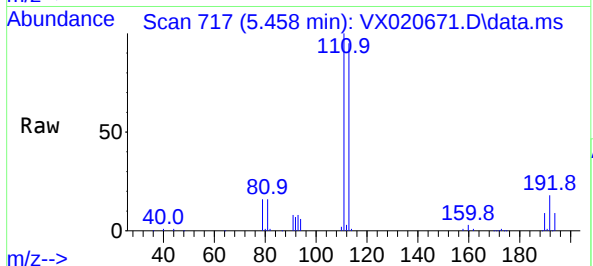
Tgt Ion: 114 Resp: 422856
Ion Ratio Lower Upper
114 100
63 20.6 0.0 40.8
88 16.6 0.0 32.8





#35
Dibromofluoromethane
Concen: 48.38 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.007 min
Lab File: VX020671.D
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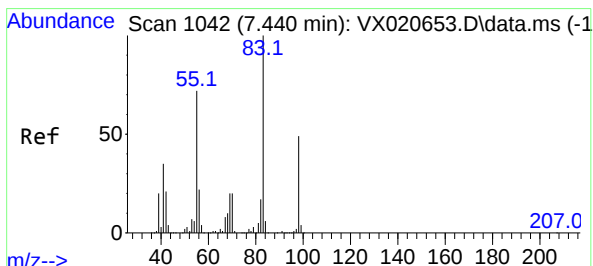
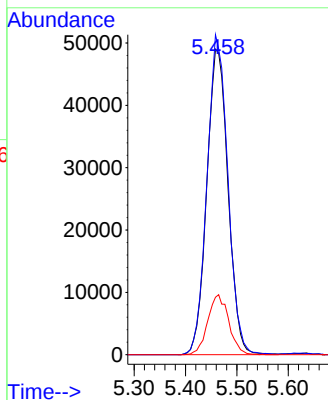
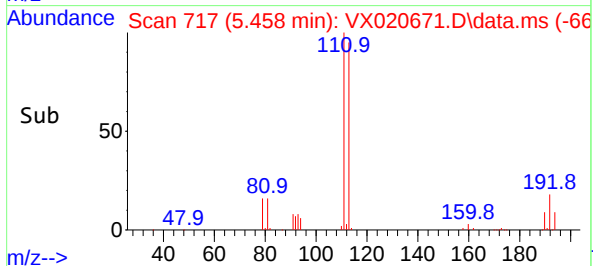
Instrument :
MSVOA_X
ClientSampled :
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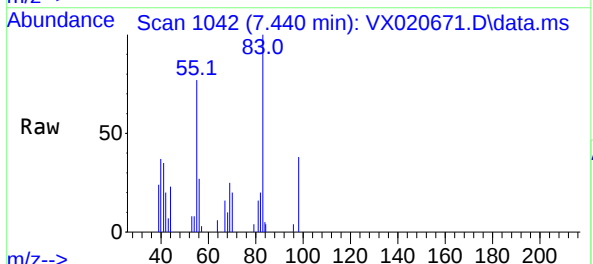
Tgt Ion:113 Resp: 140936
Ion Ratio Lower Upper
113 100
111 102.8 81.9 122.9
192 19.4 16.7 25.1

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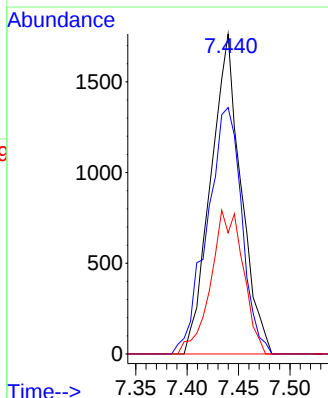
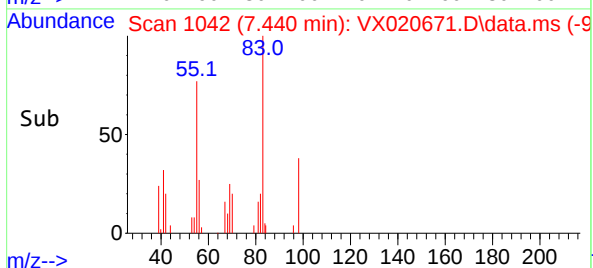
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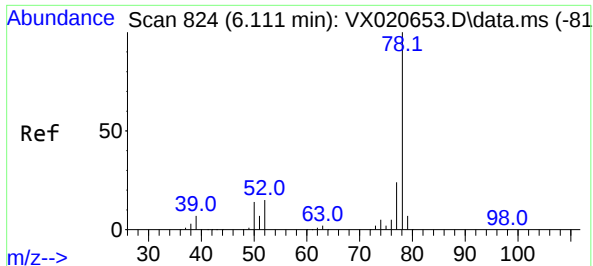


#39
Methylcyclohexane
Concen: 0.75 ug/l
RT: 7.440 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VX020671.D
Acq: 19 Jan 2021 19:59



Tgt Ion: 83 Resp: 3615
Ion Ratio Lower Upper
83 100
55 77.0 58.9 88.3
98 37.9 38.1 57.1#





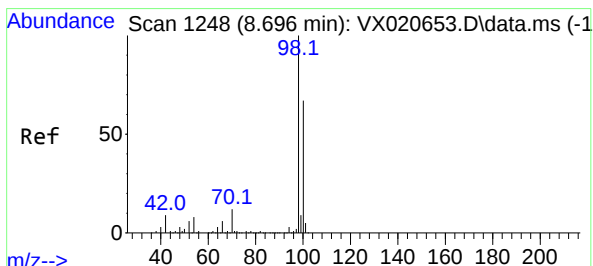
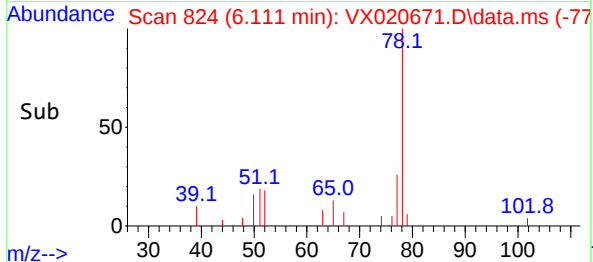
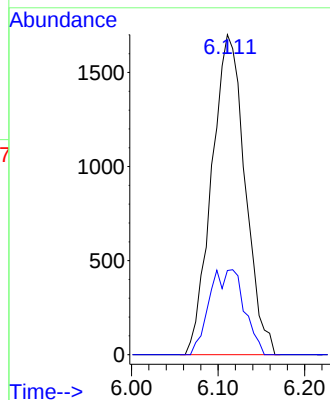
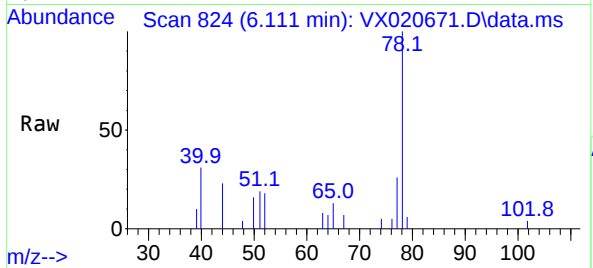
#40
Benzene
Concen: 0.36 ug/l
RT: 6.111 min Scan# 824
Delta R.T. -0.000 min
Lab File: VX020671.D
Acq: 19 Jan 2021 19:59

Tgt Ion: 78 Resp: 4548
Ion Ratio Lower Upper
78 100
77 26.3 18.9 28.3

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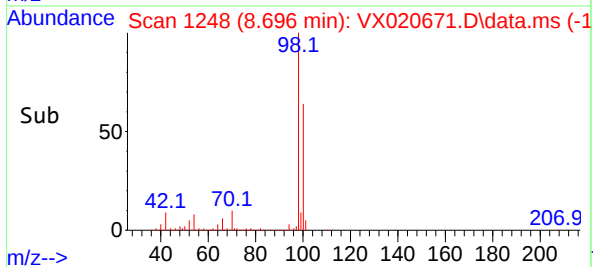
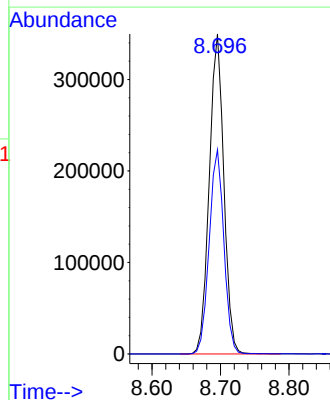
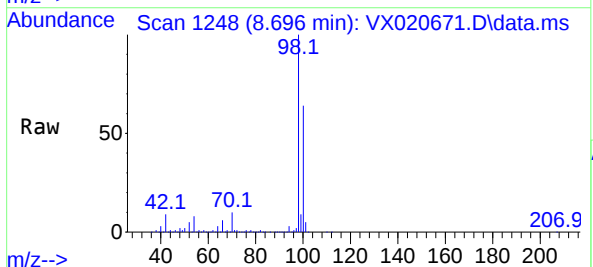
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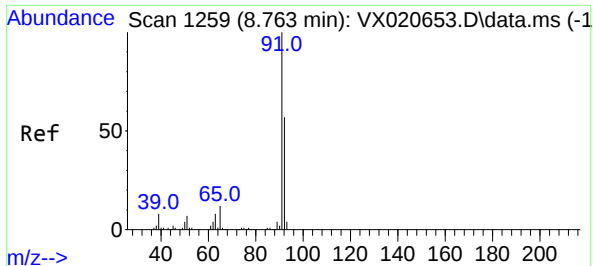
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#50
Toluene-d8
Concen: 49.28 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VX020671.D
Acq: 19 Jan 2021 19:59

Tgt Ion: 98 Resp: 517675
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9





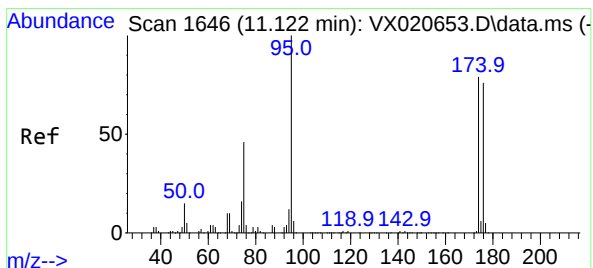
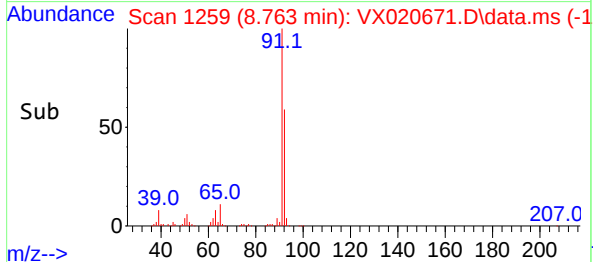
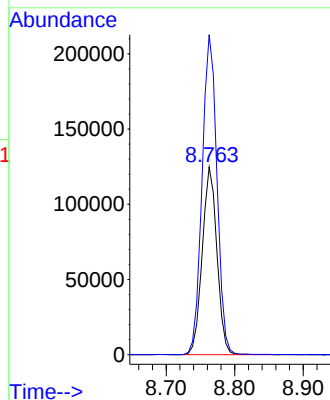
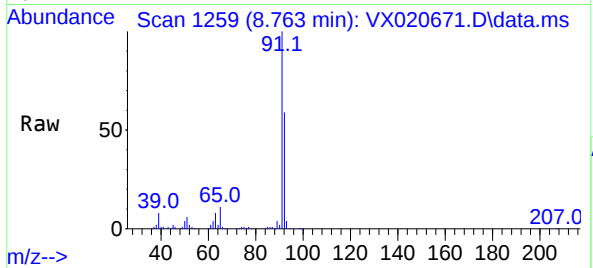
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Toluene
Concen: 24.30 ug/l
RT: 8.763 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VX020671.D
Acq: 19 Jan 2021 19:59

Tgt Ion: 92 Resp: 186520
Ion Ratio Lower Upper
92 100
91 172.6 137.1 205.7

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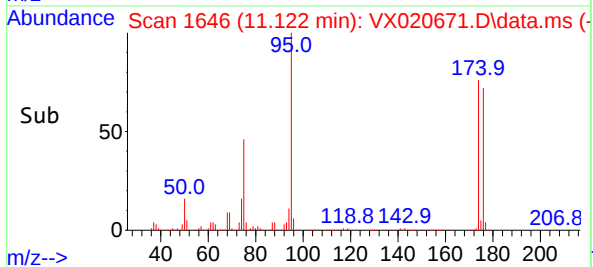
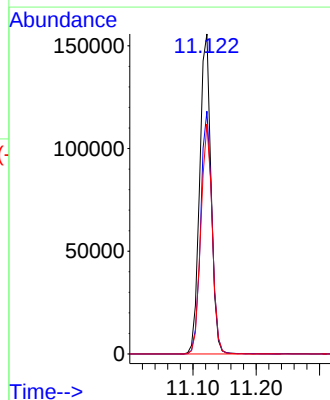
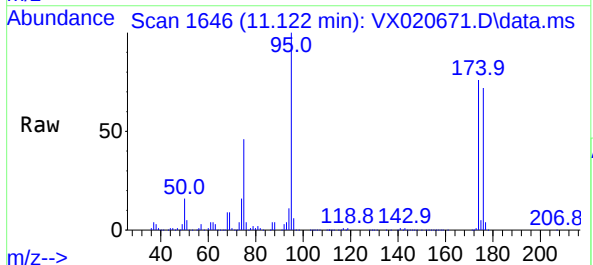
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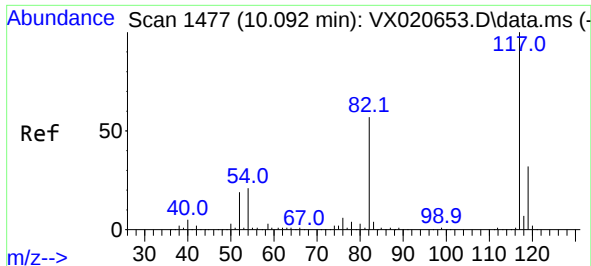
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#62
4-Bromofluorobenzene
Concen: 48.98 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020671.D
Acq: 19 Jan 2021 19:59

Tgt Ion: 95 Resp: 194494
Ion Ratio Lower Upper
95 100
174 75.3 0.0 154.6
176 71.6 0.0 155.8





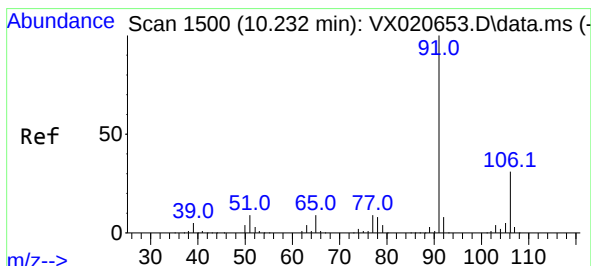
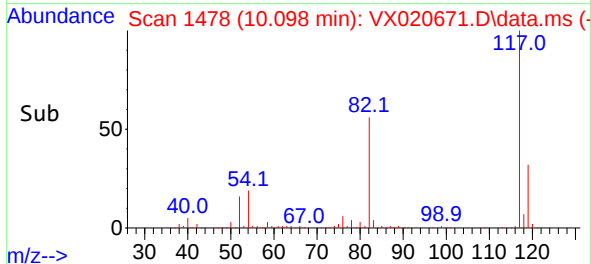
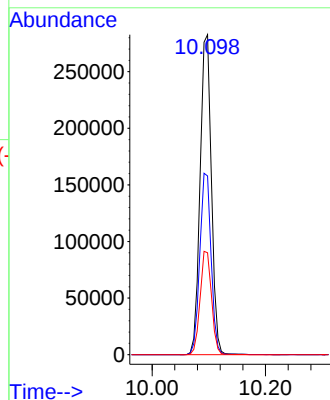
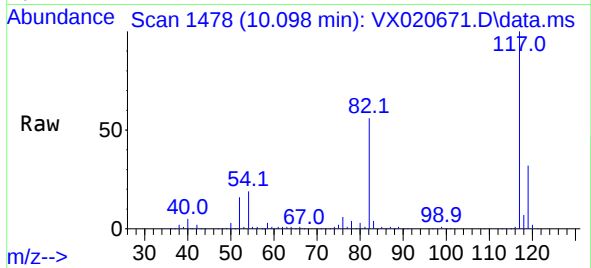
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020671.D
Acq: 19 Jan 2021 19:59

Tgt Ion: 117 Resp: 389668
Ion Ratio Lower Upper
117 100
82 55.9 47.4 71.2
119 31.8 26.6 39.8

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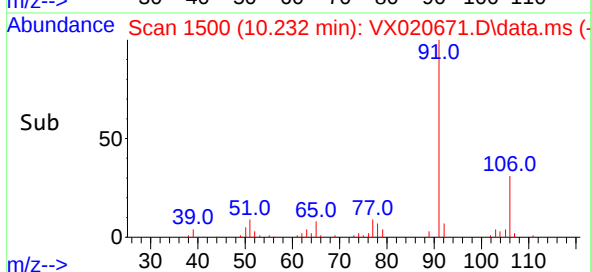
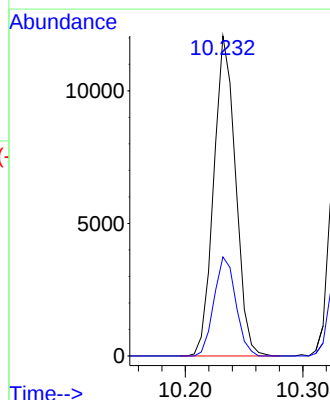
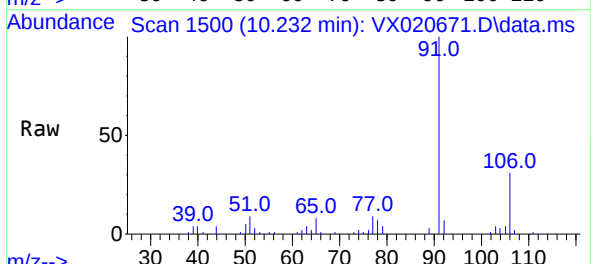
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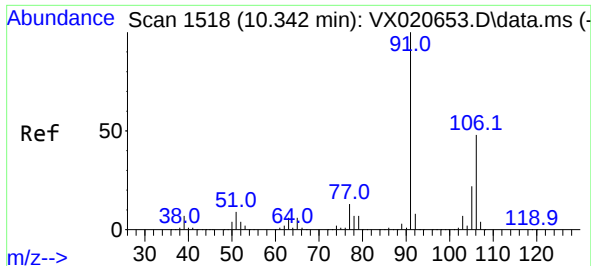
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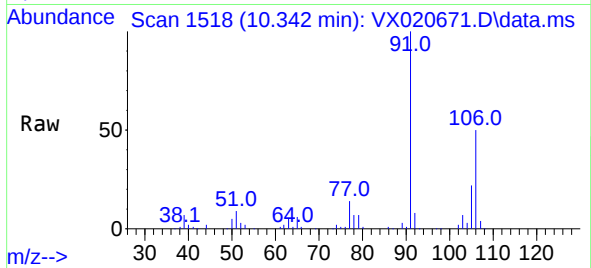
#67
Ethyl Benzene
Concen: 1.09 ug/l
RT: 10.232 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VX020671.D
Acq: 19 Jan 2021 19:59

Tgt Ion: 91 Resp: 15598
Ion Ratio Lower Upper
91 100
106 31.0 24.6 37.0

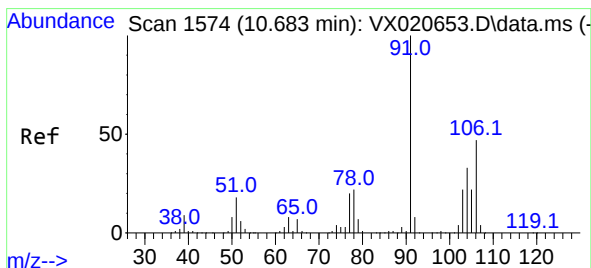
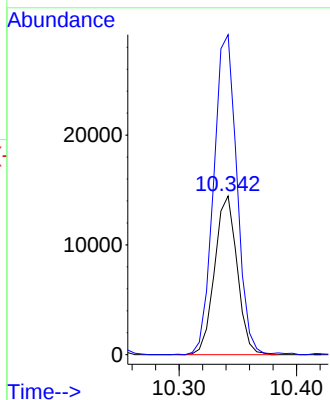
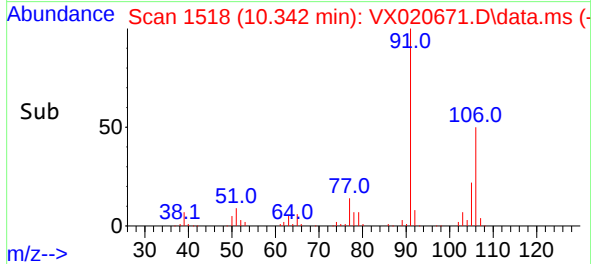




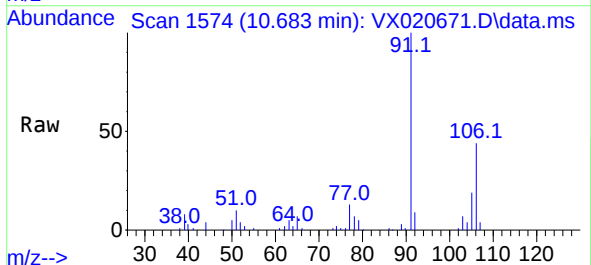
#68
m/p-Xylenes
Concen: 3.63 ug/l
RT: 10.342 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VX020671.D
Acq: 19 Jan 2021 19:59



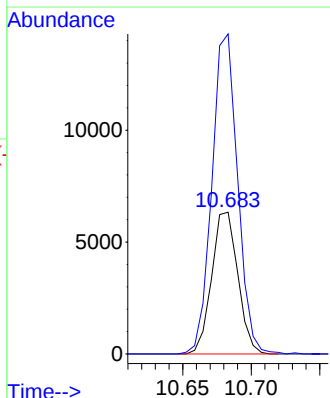
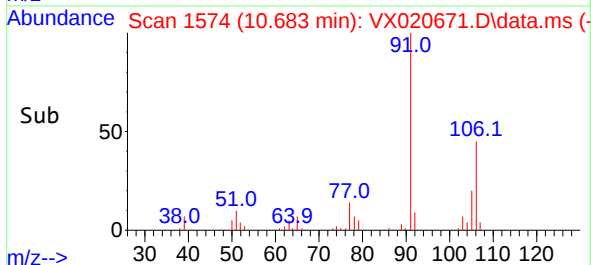
Tgt Ion:106 Resp: 19266
Ion Ratio Lower Upper
106 100
91 207.6 162.8 244.2



#69
o-Xylene
Concen: 1.65 ug/l
RT: 10.683 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VX020671.D
Acq: 19 Jan 2021 19:59



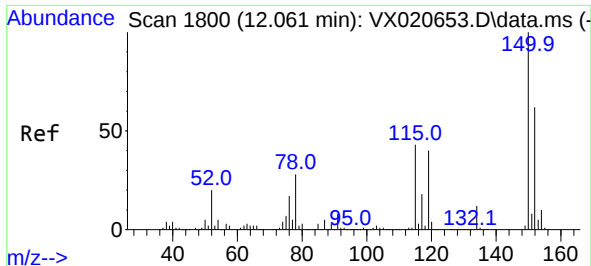
Tgt Ion:106 Resp: 8398
Ion Ratio Lower Upper
106 100
91 222.4 108.1 324.2



Instrument :
MSVOA_X
ClientSampleId :
1714-1715

Manual Integrations
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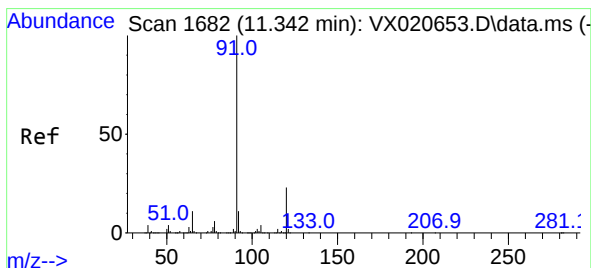
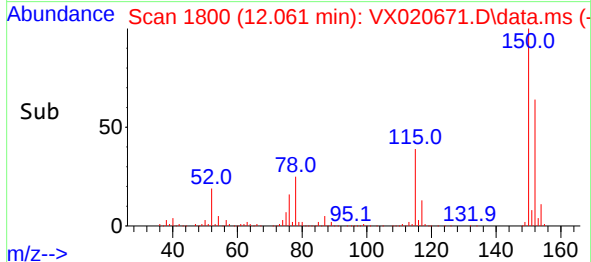
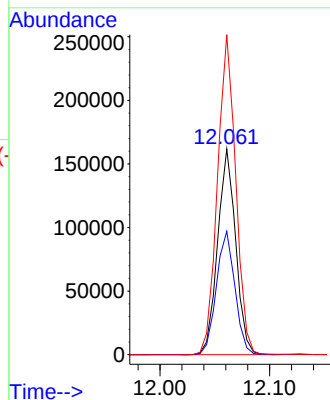
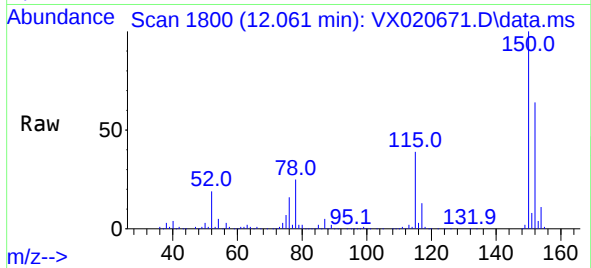
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020671.D
Acq: 19 Jan 2021 19:59

Tgt Ion:152 Resp: 185834
Ion Ratio Lower Upper
152 100
115 61.4 41.1 123.3
150 157.2 0.0 349.0

Instrument :
MSVOA_X
ClientSampleId :
1714-1715

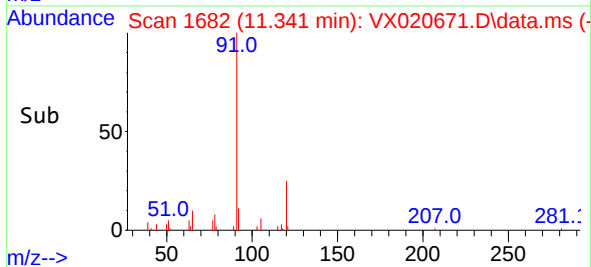
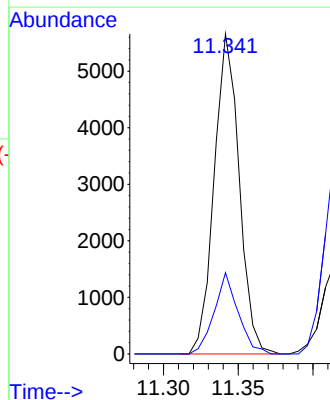
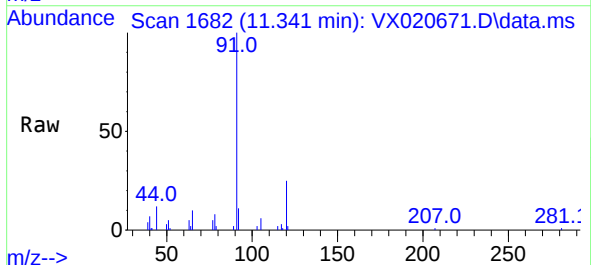
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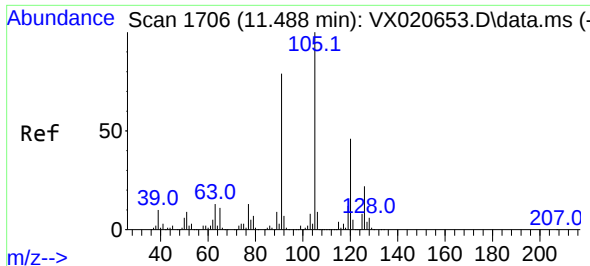
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#78
n-propylbenzene
Concen: 0.44 ug/l
RT: 11.341 min Scan# 1682
Delta R.T. -0.001 min
Lab File: VX020671.D
Acq: 19 Jan 2021 19:59

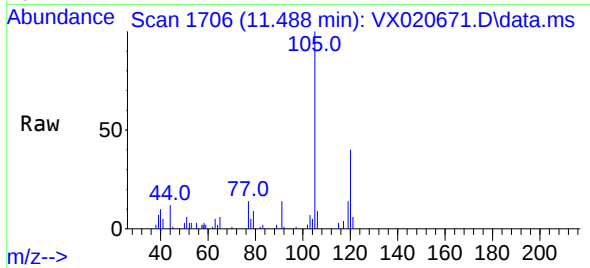
Tgt Ion: 91 Resp: 6580
Ion Ratio Lower Upper
91 100
120 24.3 11.5 34.5





#80
1,3,5-Trimethylbenzene
Concen: 0.58 ug/l
RT: 11.488 min Scan# 1706
Delta R.T. -0.000 min
Lab File: VX020671.D
Acq: 19 Jan 2021 19:59

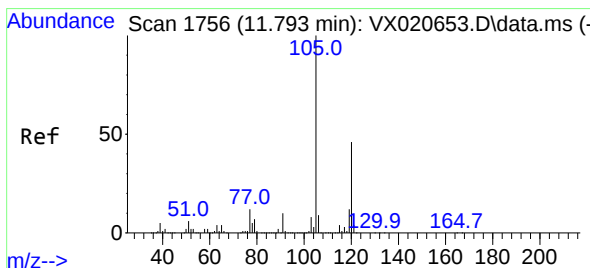
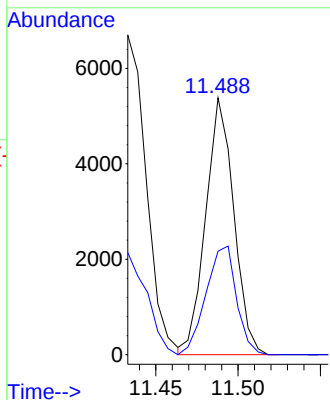
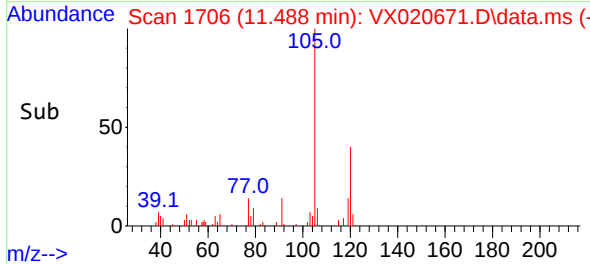
Instrument :
MSVOA_X
ClientSampleId :
1714-1715



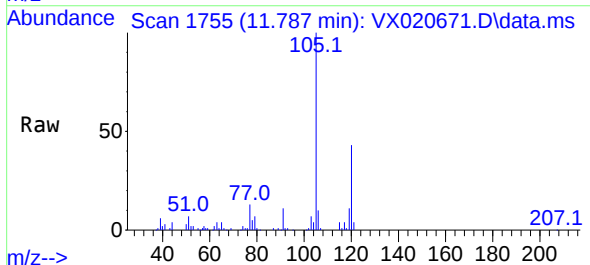
Tgt Ion:105 Resp: 6394
Ion Ratio Lower Upper
105 100
120 45.8 23.8 71.5

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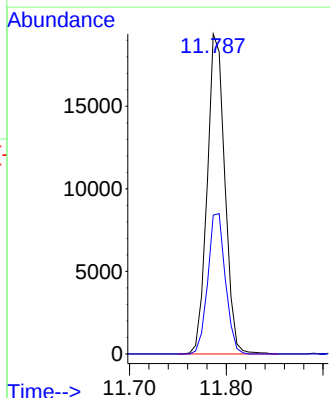
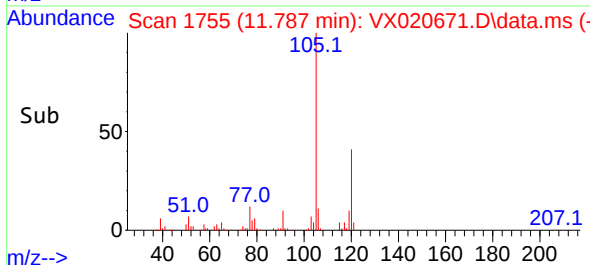
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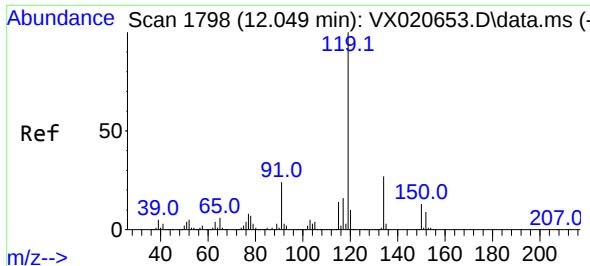


#84
1,2,4-Trimethylbenzene
Concen: 2.43 ug/l
RT: 11.787 min Scan# 1755
Delta R.T. -0.006 min
Lab File: VX020671.D
Acq: 19 Jan 2021 19:59



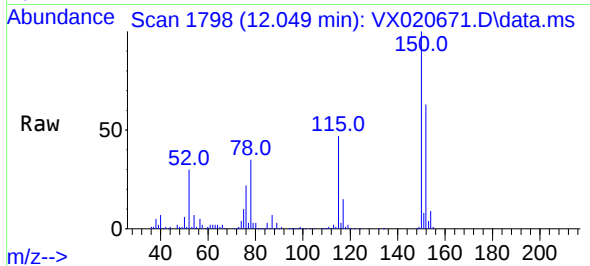
Tgt Ion:105 Resp: 24570
Ion Ratio Lower Upper
105 100
120 43.8 22.4 67.3





#86
p-Isopropyltoluene
Concen: 0.98 ug/l m
RT: 12.049 min Scan# 1798
Delta R.T. -0.000 min
Lab File: VX020671.D
Acq: 19 Jan 2021 19:59

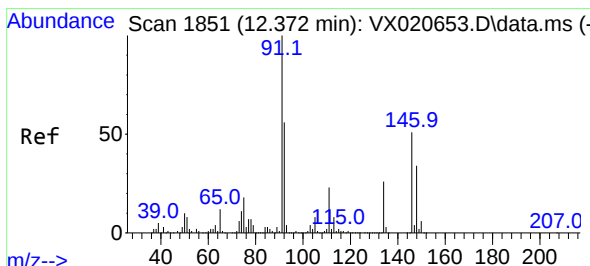
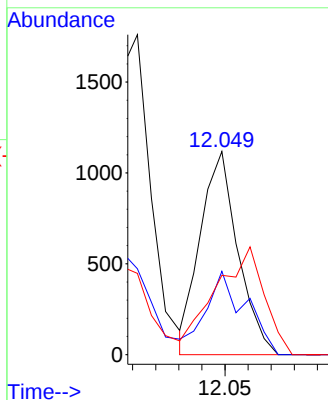
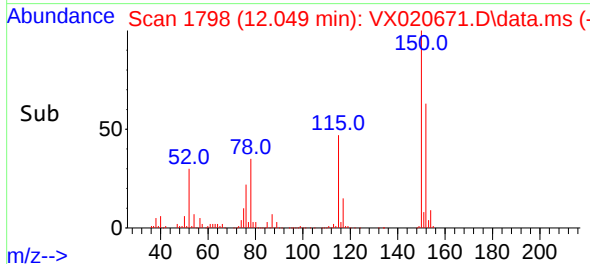
Instrument :
MSVOA_X
ClientSampled :
1714-1715



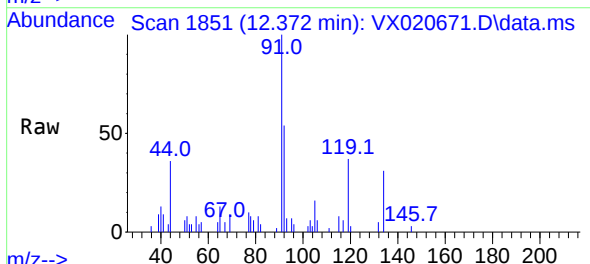
Tgt Ion:119 Resp: 1266
Ion Ratio Lower Upper
119 100
134 55.3 12.9 38.7#
91 50.0 11.7 35.0#

Manual Integrations
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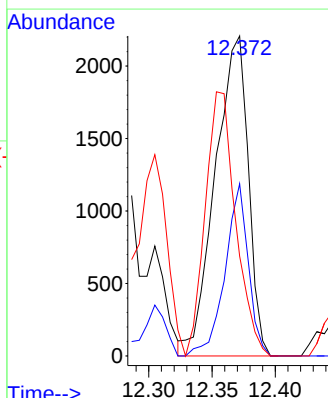
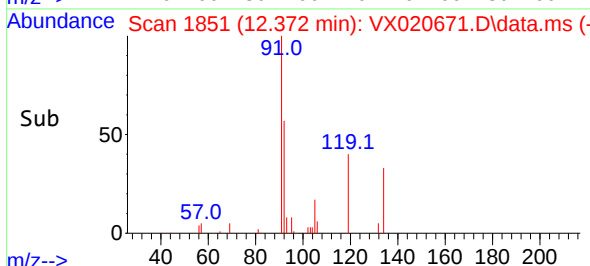
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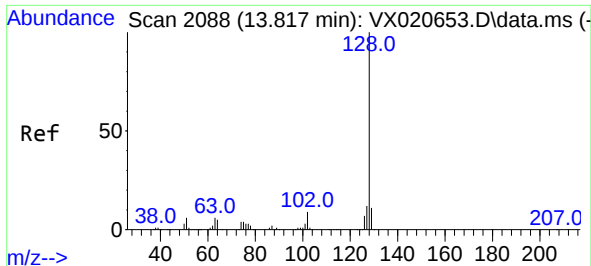


#89
n-Butylbenzene
Concen: 1.78 ug/l
RT: 12.372 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VX020671.D
Acq: 19 Jan 2021 19:59



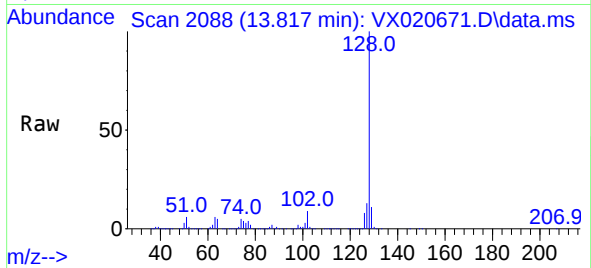
Tgt Ion: 91 Resp: 4006
Ion Ratio Lower Upper
91 100
92 38.0 27.4 82.0
134 75.7 13.2 39.5#





#95
Naphthalene
Concen: 41.75 ug/l
RT: 13.817 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VX020671.D
Acq: 19 Jan 2021 19:59

Instrument :
MSVOA_X
ClientSampleId :
1714-1715



Tgt Ion:128 Resp: 572197
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.0 8.8 13.2

Manual Integrations
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