

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031621\
 Data File : VX021254.D
 Acq On : 16 Mar 2021 19:07
 Operator : JC/MD
 Sample : M1666-04 250X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1886

Manual Integrations
 APPROVED

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3/17/2021 4:23:57 PM

Quant Time: Mar 17 02:42:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 16 14:00:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.635	168	67463	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.835	114	107313	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	91272	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	40829	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.041	65	52310	47.27	ug/l	0.01
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.54%		
35) Dibromofluoromethane	5.476	113	36321	49.74	ug/l	0.01
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.48%		
50) Toluene-d8	8.694	98	131687	49.70	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.40%		
62) 4-Bromofluorobenzene	11.118	95	49119	47.74	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	95.48%		
Target Compounds					Qvalue	
16) Acetone	2.434	43	70357	172.81	ug/l #	86
39) Methylcyclohexane	7.441	83	1807	1.51	ug/l	91
40) Benzene	6.123	78	7639	2.56	ug/l	100
52) Toluene	8.764	92	79509	43.15	ug/l	98
67) Ethyl Benzene	10.235	91	90704	26.14	ug/l	100
68) m/p-Xylenes	10.341	106	146111	117.85	ug/l	95
69) o-Xylene	10.682	106	72222	59.95	ug/l	91
73) Isopropylbenzene	11.000	105	13569	4.47	ug/l	100
78) n-propylbenzene	11.341	91	58838	16.59	ug/l	96
80) 1,3,5-Trimethylbenzene	11.488	105	84598	32.96	ug/l	99
84) 1,2,4-Trimethylbenzene	11.788	105	356413	136.58	ug/l	99
85) sec-Butylbenzene	11.930	105	5146m	1.79	ug/l	
86) p-Isopropyltoluene	12.047	119	3788m	1.44	ug/l	
95) Naphthalene	13.818	128	110980	38.32	ug/l	99

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

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

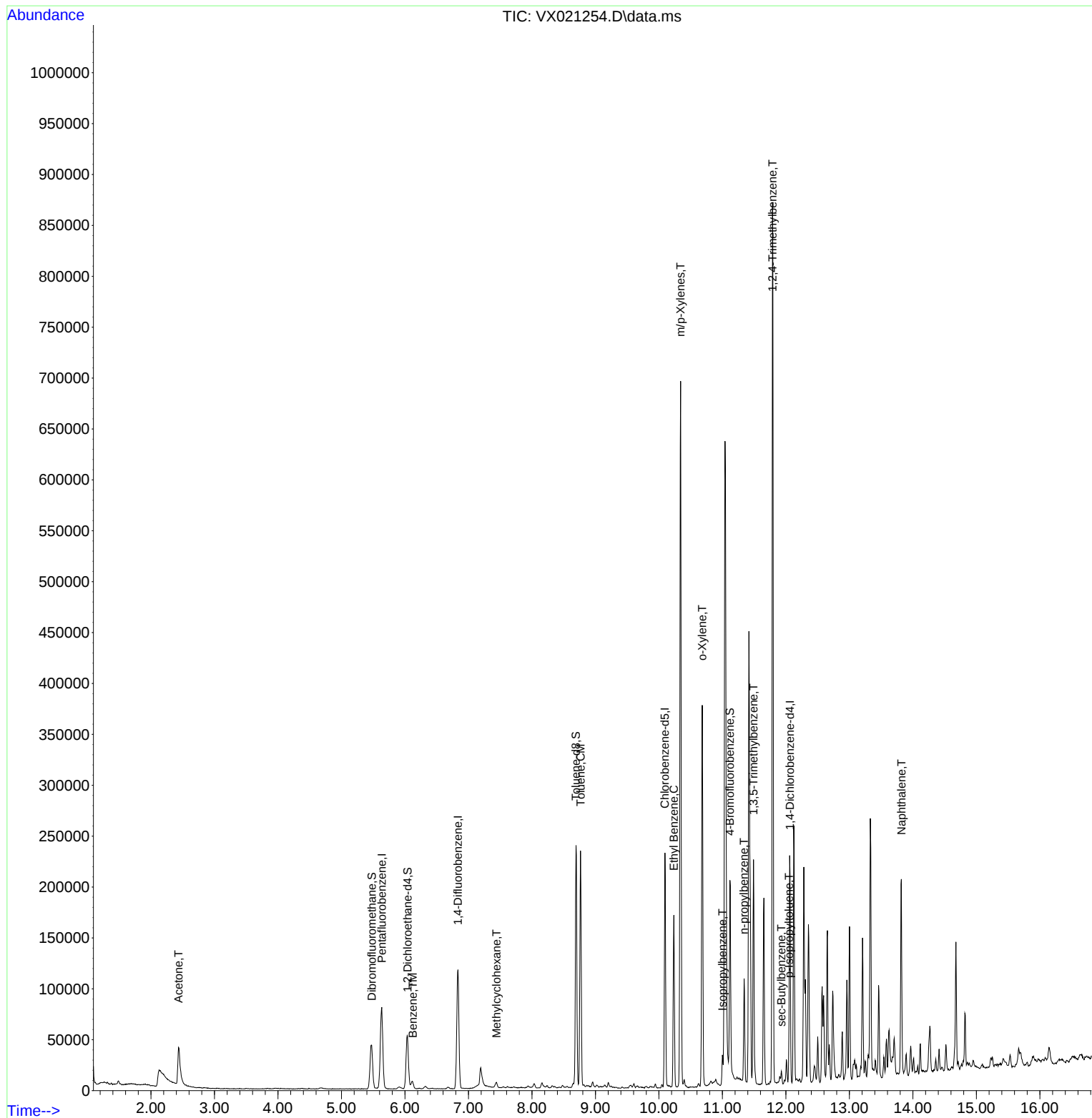
Instrument :
MSVOA_X
ClientSampleId :
1886

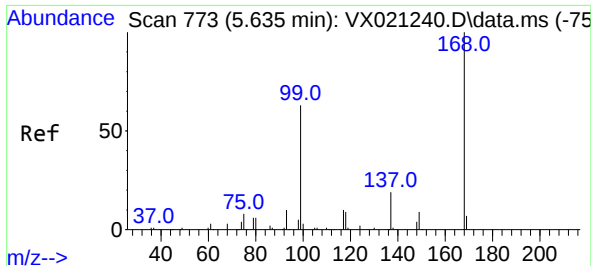
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 16 14:00:21 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 773
Delta R.T. -0.000 min
Lab File: VX021254.D
Acq: 16 Mar 2021 19:07

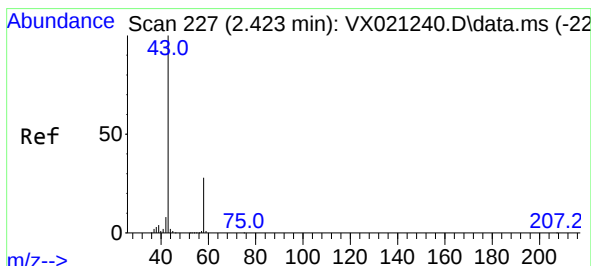
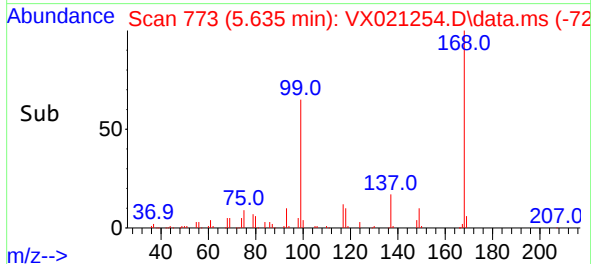
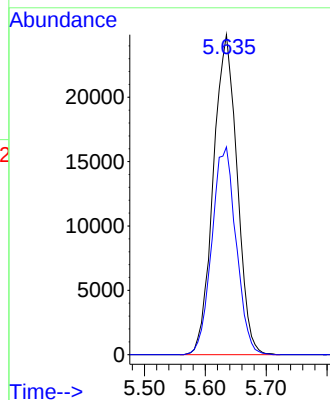
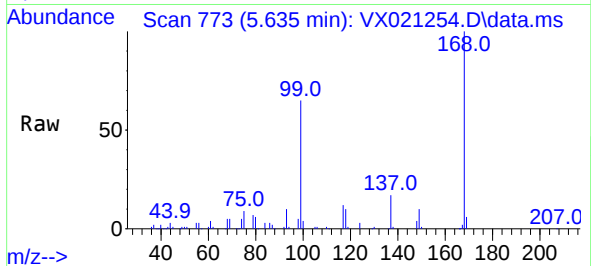
Tgt Ion:168 Resp: 67463
Ion Ratio Lower Upper
168 100
99 64.9 45.8 68.6

Instrument :
MSVOA_X
ClientSampleId :
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Manual Integrations
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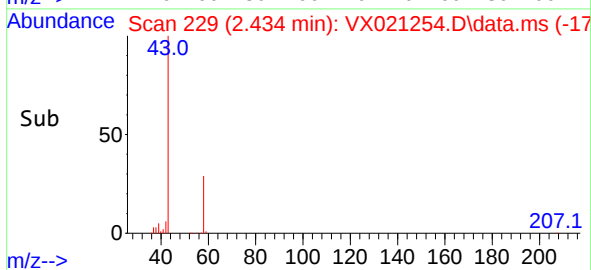
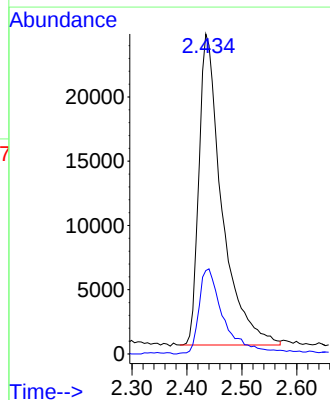
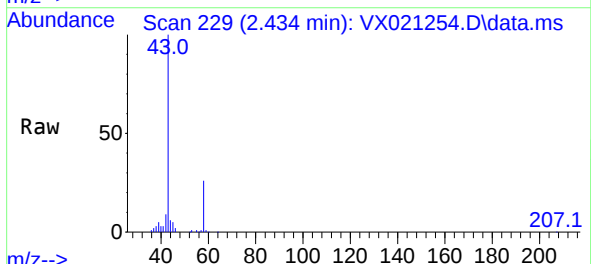
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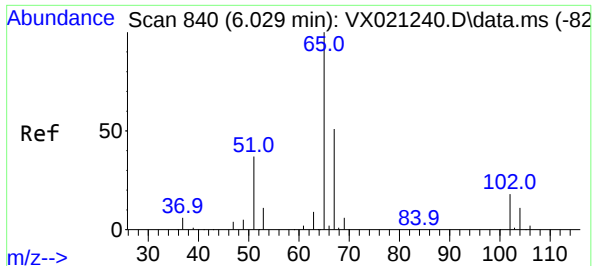
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#16
Acetone
Concen: 172.81 ug/l
RT: 2.434 min Scan# 229
Delta R.T. 0.011 min
Lab File: VX021254.D
Acq: 16 Mar 2021 19:07

Tgt Ion: 43 Resp: 70357
Ion Ratio Lower Upper
43 100
58 26.6 27.8 41.8#





#33
1,2-Dichloroethane-d4
Concen: 47.27 ug/l
RT: 6.041 min Scan# 842
Delta R.T. 0.012 min
Lab File: VX021254.D
Acq: 16 Mar 2021 19:07

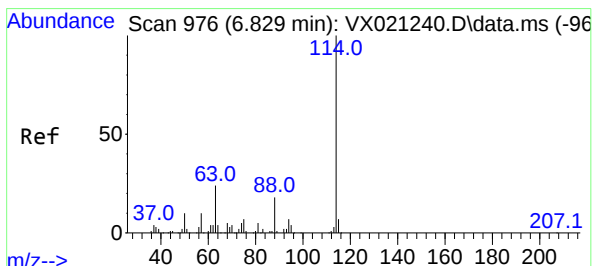
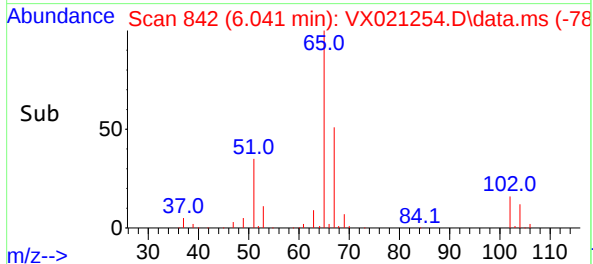
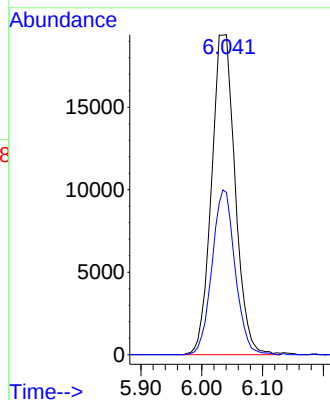
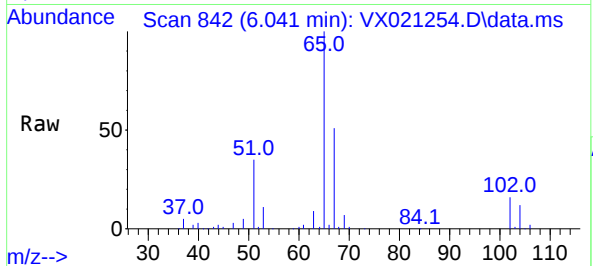
Tgt Ion: 65 Resp: 52310
Ion Ratio Lower Upper
65 100
67 50.2 0.0 105.4

Instrument :
MSVOA_X
ClientSampled :
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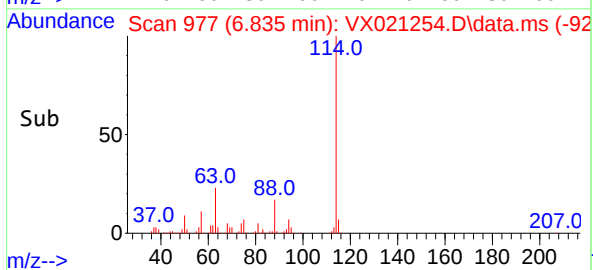
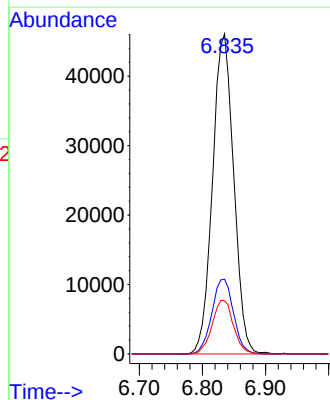
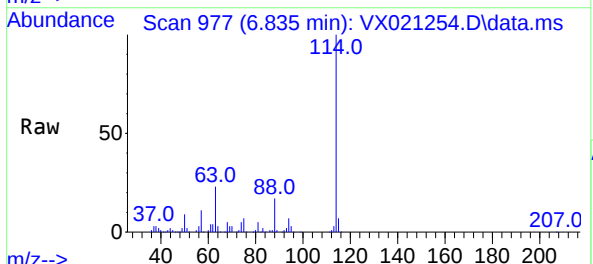
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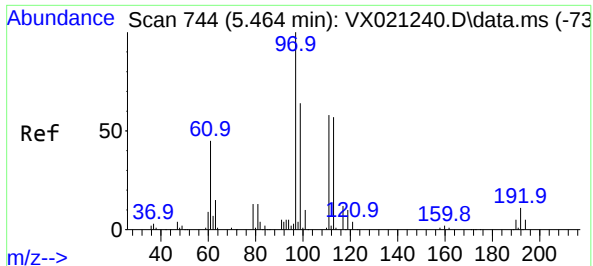
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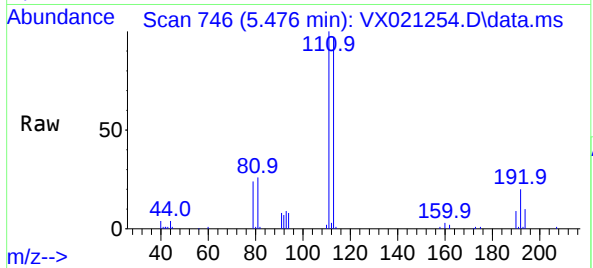
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.835 min Scan# 977
Delta R.T. 0.006 min
Lab File: VX021254.D
Acq: 16 Mar 2021 19:07

Tgt Ion: 114 Resp: 107313
Ion Ratio Lower Upper
114 100
63 23.3 0.0 40.8
88 16.6 0.0 32.8

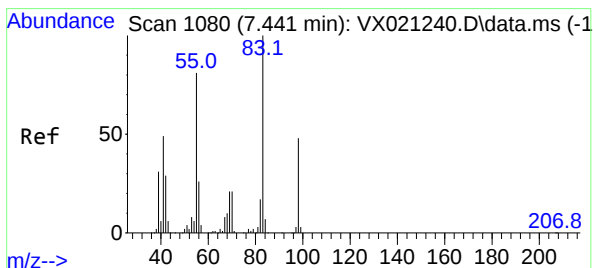
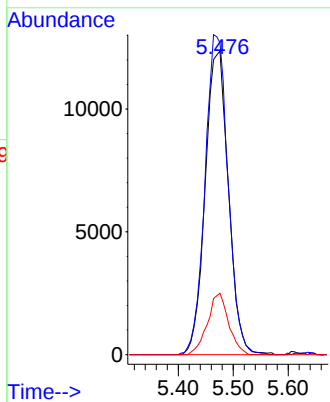
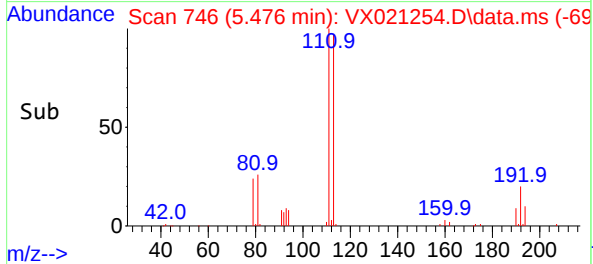




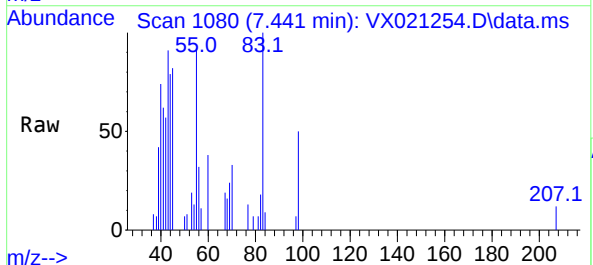
#35
Dibromofluoromethane
Concen: 49.74 ug/l
RT: 5.476 min Scan# 746
Delta R.T. 0.012 min
Lab File: VX021254.D
Acq: 16 Mar 2021 19:07



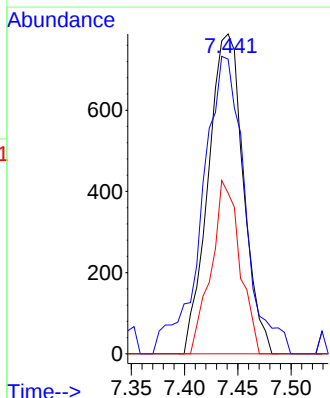
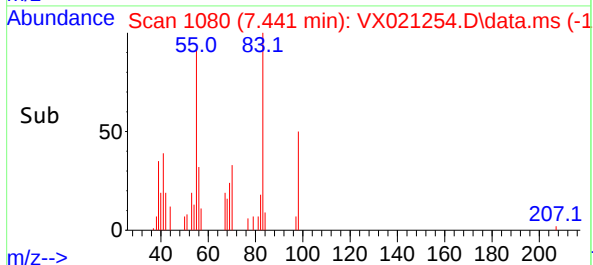
Tgt Ion: 113 Resp: 36321
Ion Ratio Lower Upper
113 100
111 104.5 81.9 122.9
192 18.4 16.7 25.1



#39
Methylcyclohexane
Concen: 1.51 ug/l
RT: 7.441 min Scan# 1080
Delta R.T. -0.000 min
Lab File: VX021254.D
Acq: 16 Mar 2021 19:07



Tgt Ion: 83 Resp: 1807
Ion Ratio Lower Upper
83 100
55 84.0 58.9 88.3
98 50.3 38.1 57.1

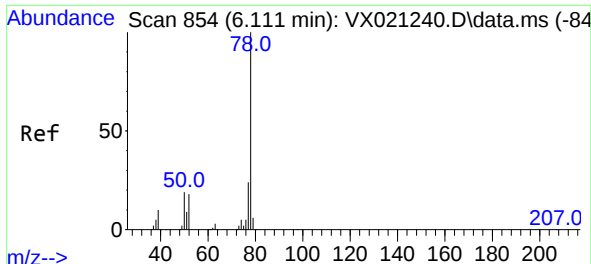


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#40
Benzene
Concen: 2.56 ug/l
RT: 6.123 min Scan# 856
Delta R.T. 0.012 min
Lab File: VX021254.D
Acq: 16 Mar 2021 19:07

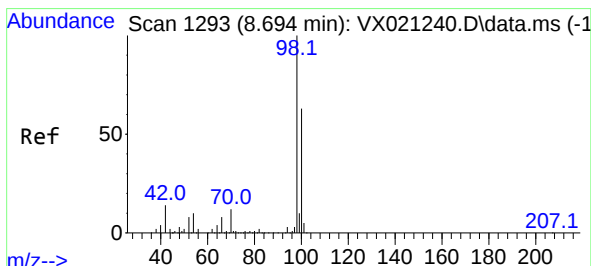
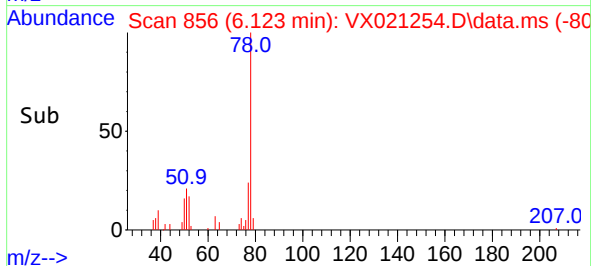
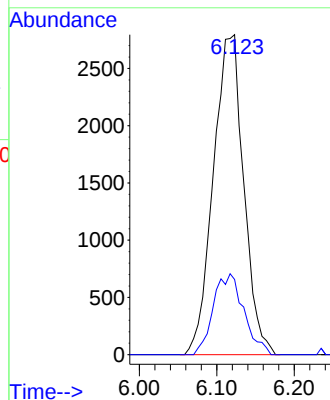
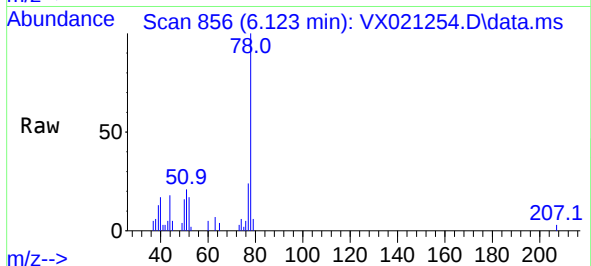
Tgt Ion: 78 Resp: 7639
Ion Ratio Lower Upper
78 100
77 23.5 18.9 28.3

Instrument :
MSVOA_X
ClientSampled :
1886

Manual Integrations
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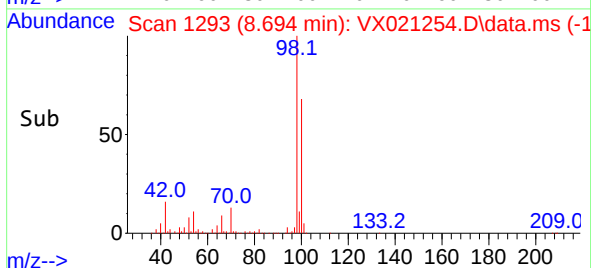
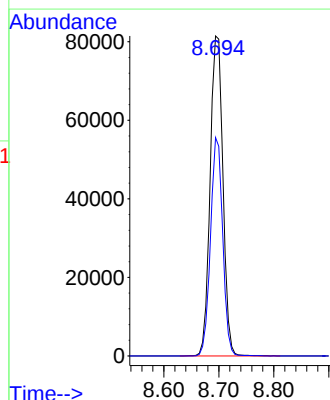
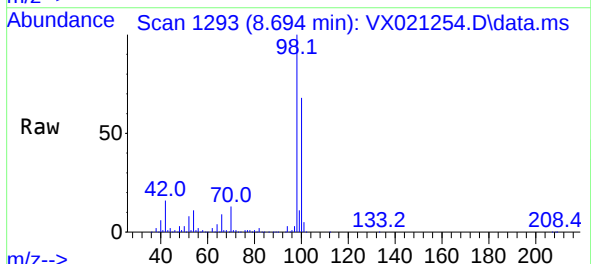
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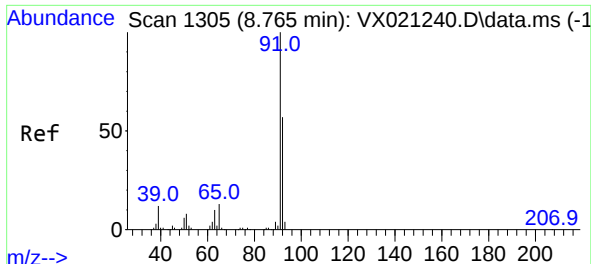
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#50
Toluene-d8
Concen: 49.70 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021254.D
Acq: 16 Mar 2021 19:07

Tgt Ion: 98 Resp: 131687
Ion Ratio Lower Upper
98 100
100 65.0 51.9 77.9





#52
Toluene
Concen: 43.15 ug/l
RT: 8.764 min Scan# 1305
Delta R.T. -0.001 min
Lab File: VX021254.D
Acq: 16 Mar 2021 19:07

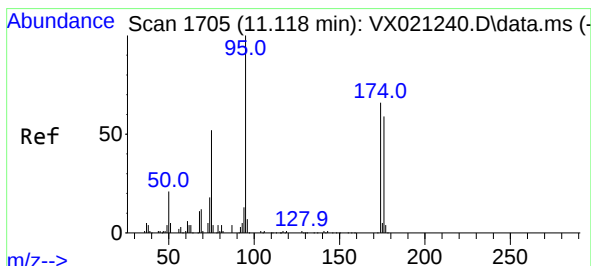
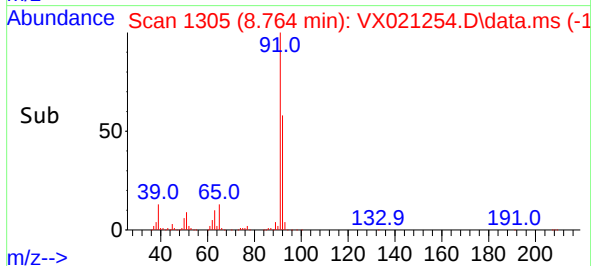
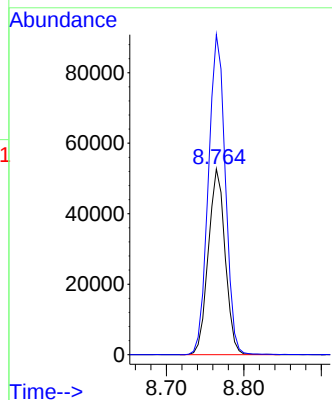
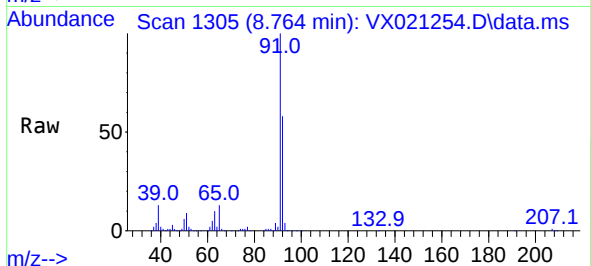
Tgt Ion: 92 Resp: 79509
Ion Ratio Lower Upper
92 100
91 174.0 137.1 205.7

Instrument :
MSVOA_X
ClientSampled :
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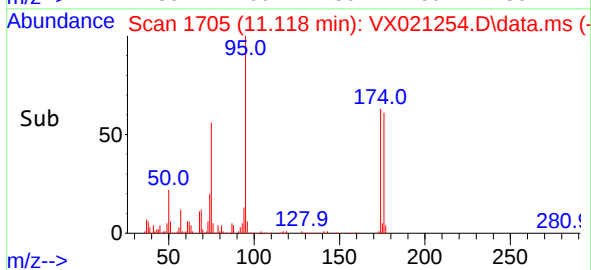
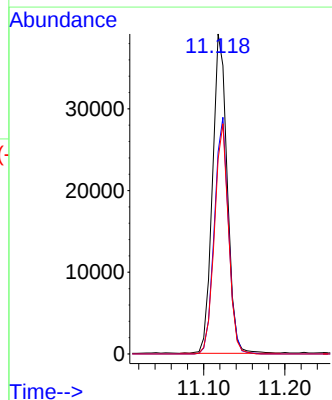
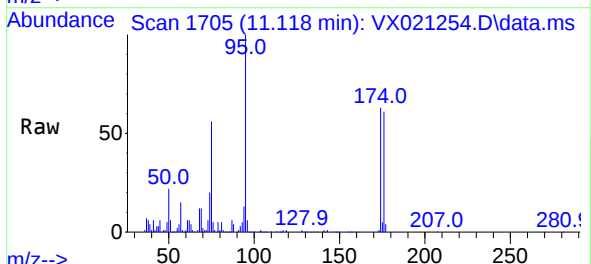
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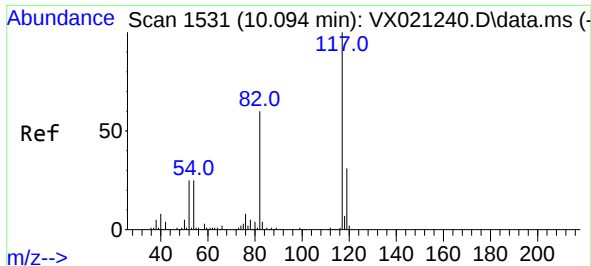
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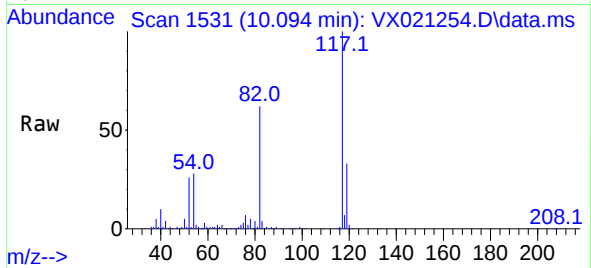
#62
4-Bromofluorobenzene
Concen: 47.74 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021254.D
Acq: 16 Mar 2021 19:07

Tgt Ion: 95 Resp: 49119
Ion Ratio Lower Upper
95 100
174 71.1 0.0 154.6
176 68.7 0.0 155.8

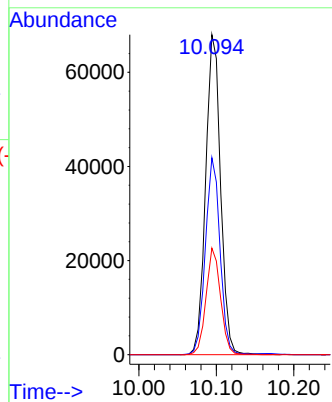
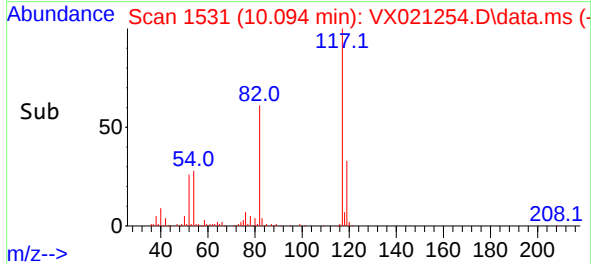




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021254.D
Acq: 16 Mar 2021 19:07



Tgt Ion:117 Resp: 91272
Ion Ratio Lower Upper
117 100
82 61.6 47.4 71.2
119 33.3 26.6 39.8

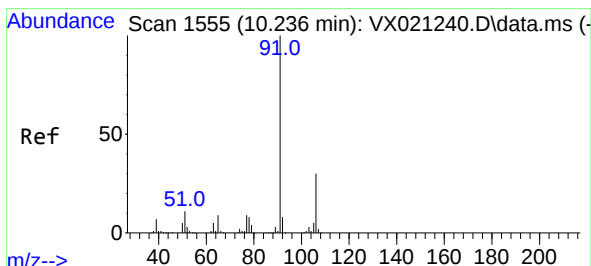


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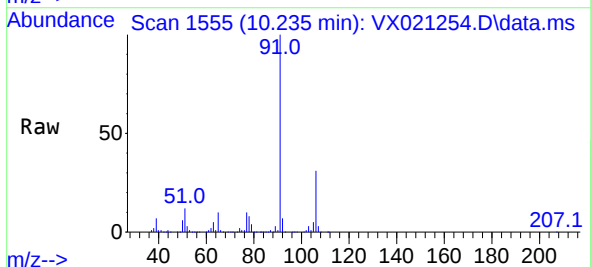
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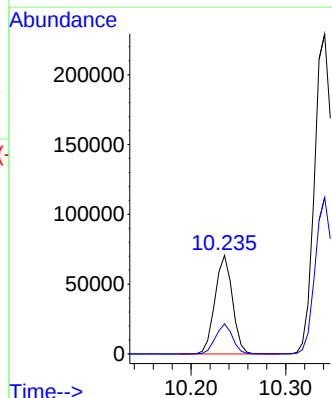
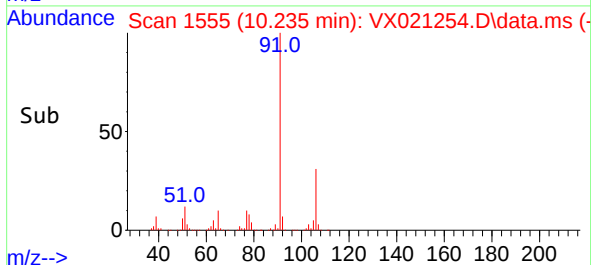
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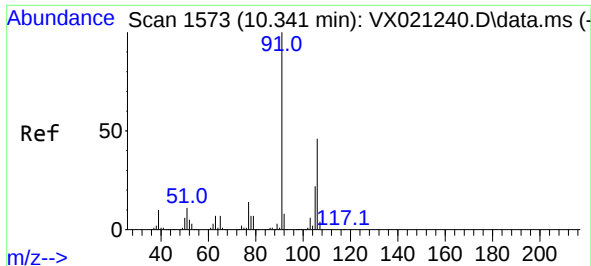


#67
Ethyl Benzene
Concen: 26.14 ug/l
RT: 10.235 min Scan# 1555
Delta R.T. -0.001 min
Lab File: VX021254.D
Acq: 16 Mar 2021 19:07



Tgt Ion: 91 Resp: 90704
Ion Ratio Lower Upper
91 100
106 30.5 24.6 37.0





#68
m/p-Xylenes
Concen: 117.85 ug/l
RT: 10.341 min Scan# 1573
Delta R.T. 0.000 min
Lab File: VX021254.D
Acq: 16 Mar 2021 19:07

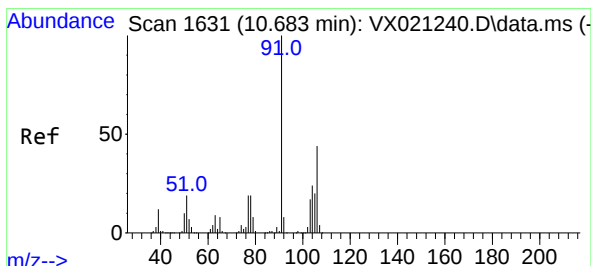
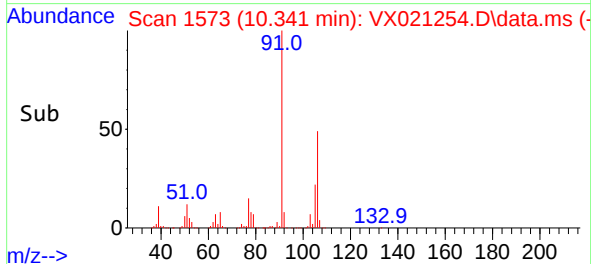
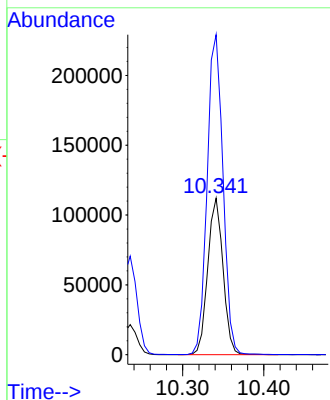
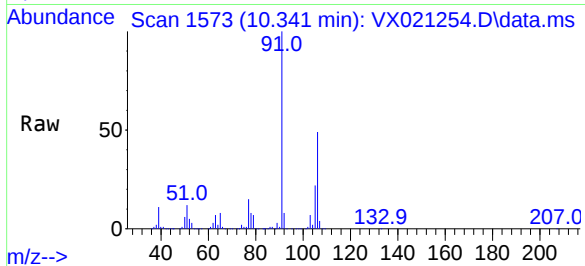
Tgt Ion:106 Resp: 146111
Ion Ratio Lower Upper
106 100
91 211.6 162.8 244.2

Instrument :
MSVOA_X
ClientSampleId :
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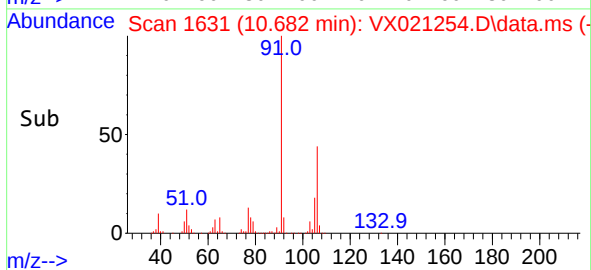
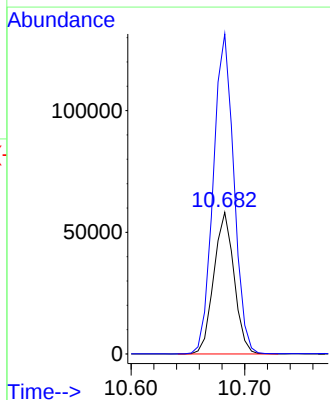
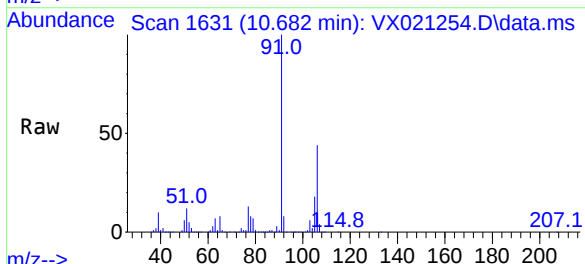
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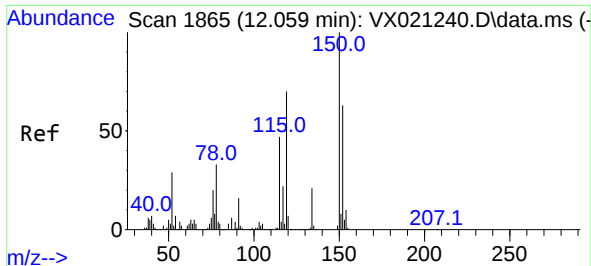
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#69
o-Xylene
Concen: 59.95 ug/l
RT: 10.682 min Scan# 1631
Delta R.T. -0.001 min
Lab File: VX021254.D
Acq: 16 Mar 2021 19:07

Tgt Ion:106 Resp: 72222
Ion Ratio Lower Upper
106 100
91 230.0 108.1 324.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.065 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VX021254.D
Acq: 16 Mar 2021 19:07

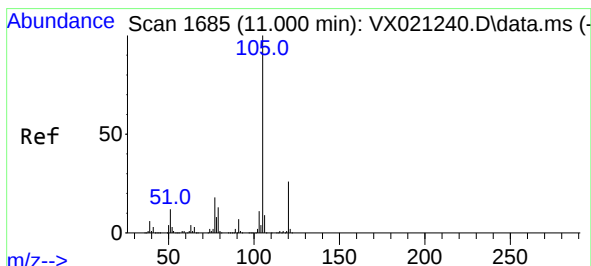
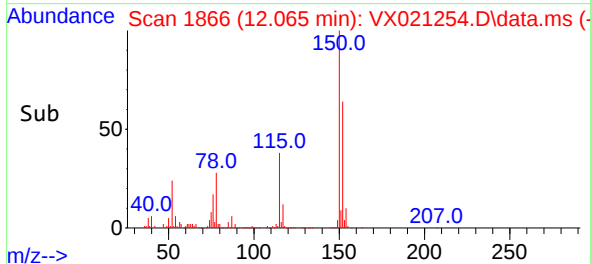
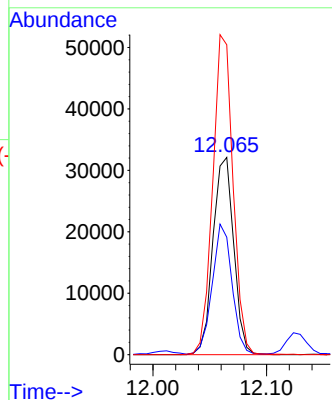
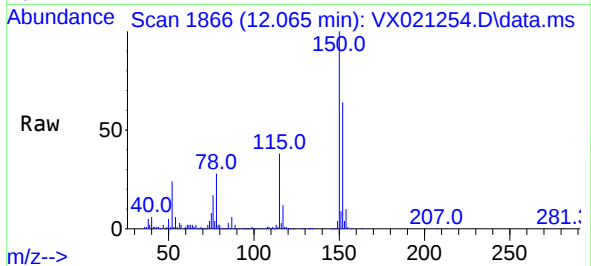
Tgt Ion:152 Resp: 40829
Ion Ratio Lower Upper
152 100
115 62.6 41.1 123.3
150 158.3 0.0 349.0

Instrument :
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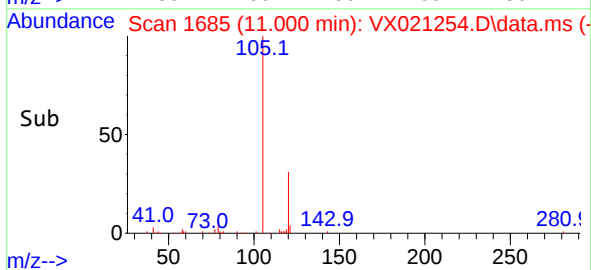
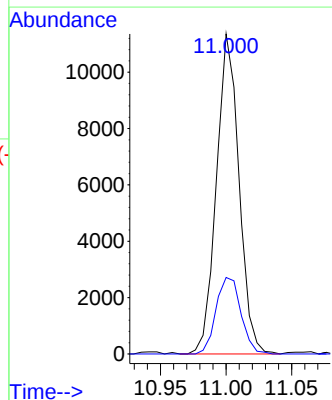
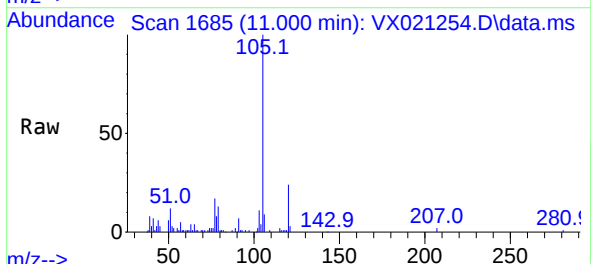
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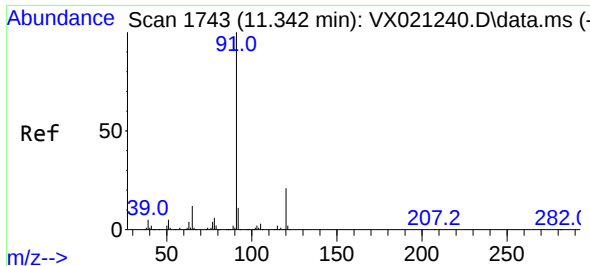
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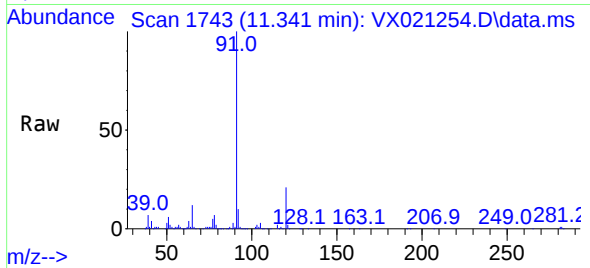
#73
Isopropylbenzene
Concen: 4.47 ug/l
RT: 11.000 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX021254.D
Acq: 16 Mar 2021 19:07

Tgt Ion:105 Resp: 13569
Ion Ratio Lower Upper
105 100
120 26.3 13.2 39.6

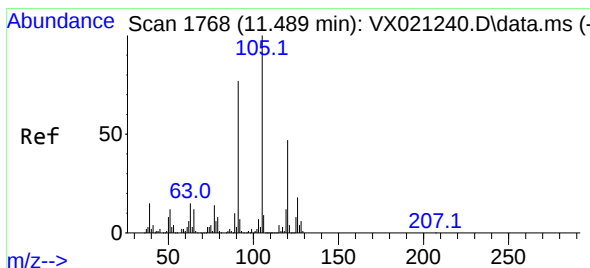
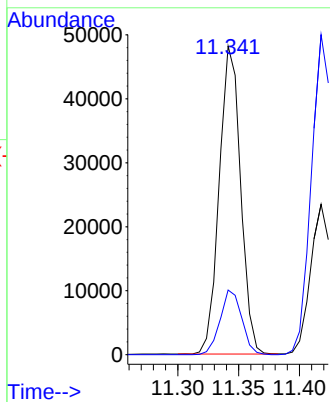
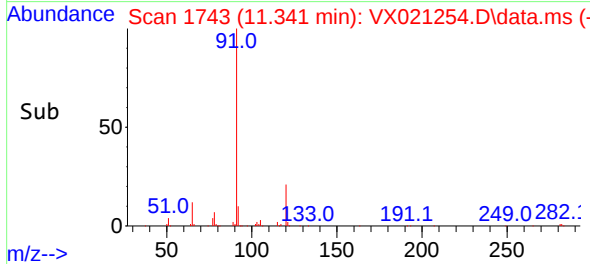




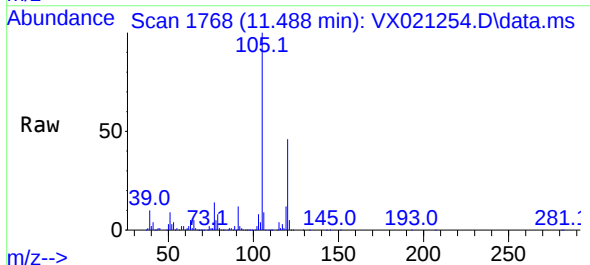
#78
n-propylbenzene
Concen: 16.59 ug/l
RT: 11.341 min Scan# 1743
Delta R.T. -0.001 min
Lab File: VX021254.D
Acq: 16 Mar 2021 19:07



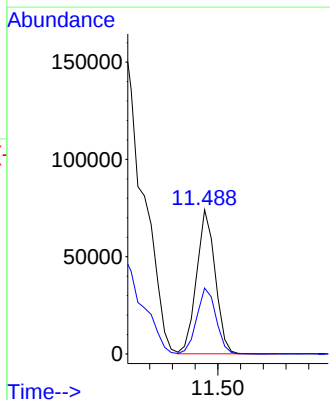
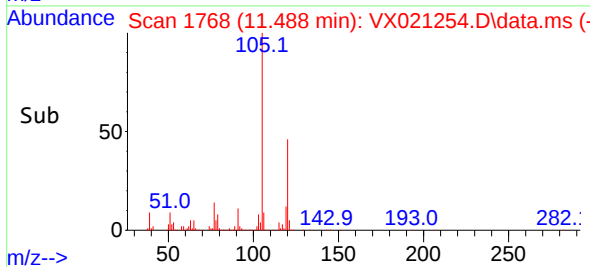
Tgt Ion: 91 Resp: 58838
Ion Ratio Lower Upper
91 100
120 21.3 11.5 34.5



#80
1,3,5-Trimethylbenzene
Concen: 32.96 ug/l
RT: 11.488 min Scan# 1768
Delta R.T. -0.001 min
Lab File: VX021254.D
Acq: 16 Mar 2021 19:07



Tgt Ion: 105 Resp: 84598
Ion Ratio Lower Upper
105 100
120 47.3 23.8 71.5

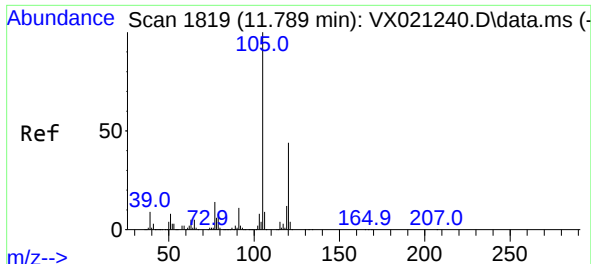


Instrument :
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ClientSampleId :
1886

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#84
1,2,4-Trimethylbenzene
Concen: 136.58 ug/l
RT: 11.788 min Scan# 1819
Delta R.T. -0.001 min
Lab File: VX021254.D
Acq: 16 Mar 2021 19:07

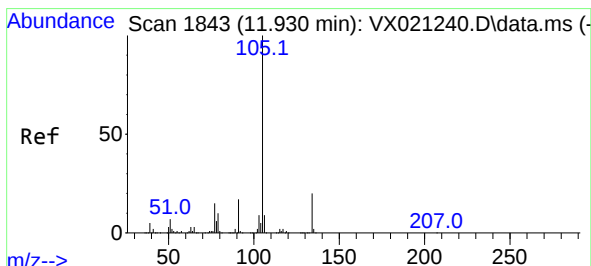
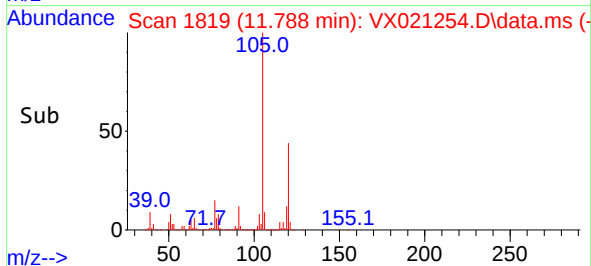
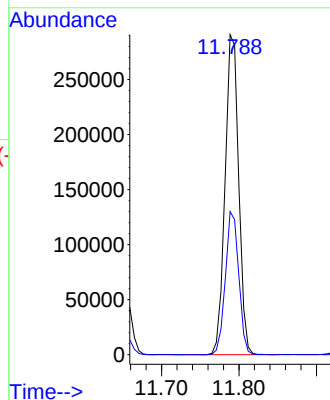
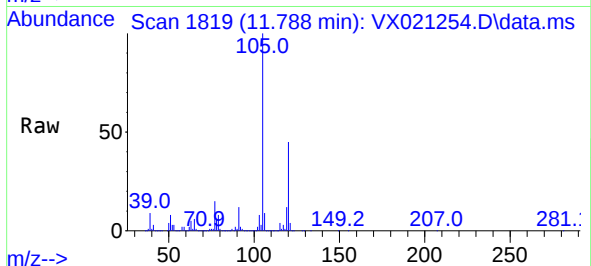
Tgt Ion:105 Resp: 356413
Ion Ratio Lower Upper
105 100
120 44.0 22.4 67.3

Instrument :
MSVOA_X
ClientSampleId :
1886

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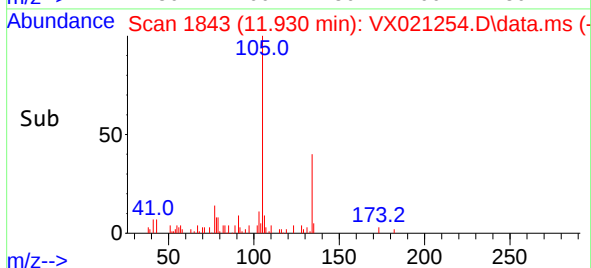
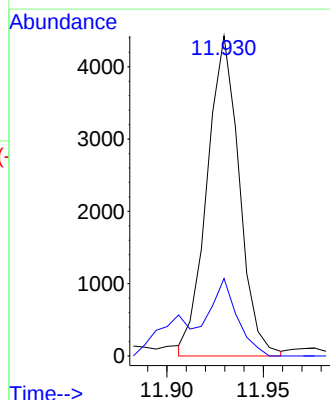
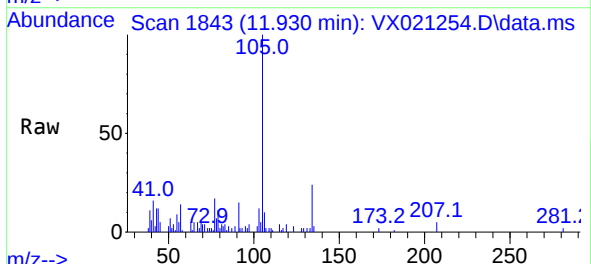
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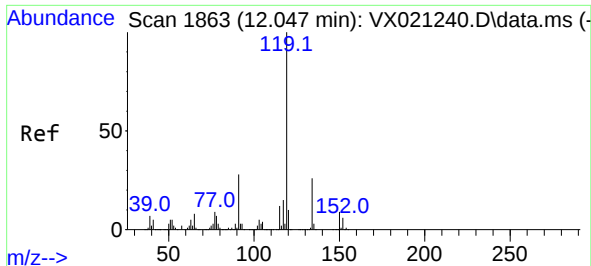
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#85
sec-Butylbenzene
Concen: 1.79 ug/l m
RT: 11.930 min Scan# 1843
Delta R.T. -0.000 min
Lab File: VX021254.D
Acq: 16 Mar 2021 19:07

Tgt Ion:105 Resp: 5146
Ion Ratio Lower Upper
105 100
134 0.0 10.0 29.8#





#86
p-Isopropyltoluene
Concen: 1.44 ug/l m
RT: 12.047 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VX021254.D
Acq: 16 Mar 2021 19:07

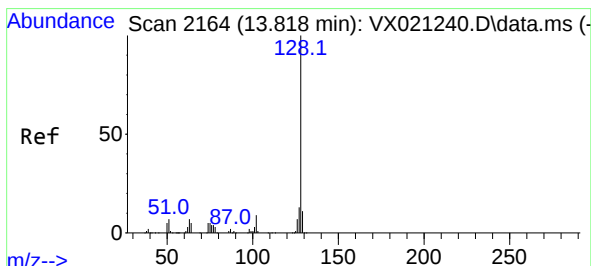
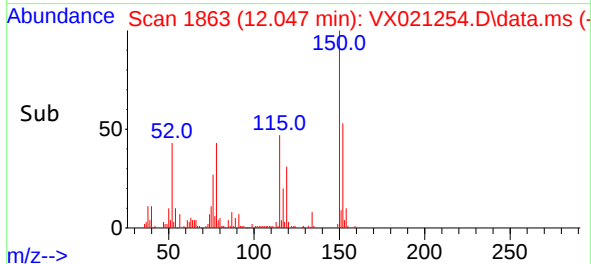
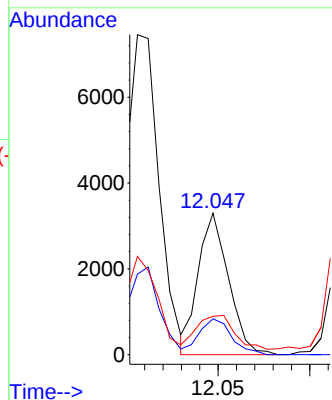
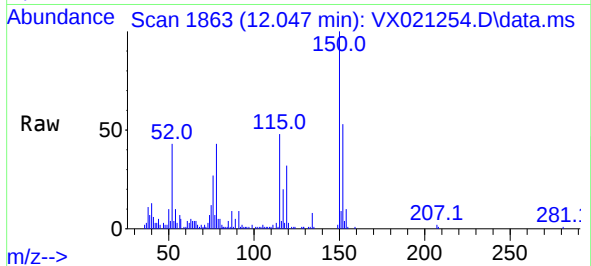
Tgt Ion:119 Resp: 3788
Ion Ratio Lower Upper
119 100
134 66.6 12.9 38.7#
91 70.8 11.7 35.0#

Instrument :
MSVOA_X
ClientSampled :
1886

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#95
Naphthalene
Concen: 38.32 ug/l
RT: 13.818 min Scan# 2164
Delta R.T. 0.000 min
Lab File: VX021254.D
Acq: 16 Mar 2021 19:07

Tgt Ion:128 Resp: 110980
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.3 8.8 13.2

