

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX072820\
 Data File : VX017660.D
 Acq On : 28 Jul 2020 17:58
 Operator : JC/SP
 Sample : L3413-07DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 20758DL

Quant Time: Jul 29 03:46:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	449844	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	747704	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	842082	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	475801	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	311662	53.94	ug/l	0.00
Spiked Amount			Recovery	=	107.88%	
35) Dibromofluoromethane	5.46	113	255980	51.19	ug/l	0.00
Spiked Amount			Recovery	=	102.38%	
50) Toluene-d8	8.70	98	947477	52.52	ug/l	0.00
Spiked Amount			Recovery	=	105.04%	
62) 4-Bromofluorobenzene	11.12	95	440989	61.08	ug/l	0.00
Spiked Amount			Recovery	=	122.16%	

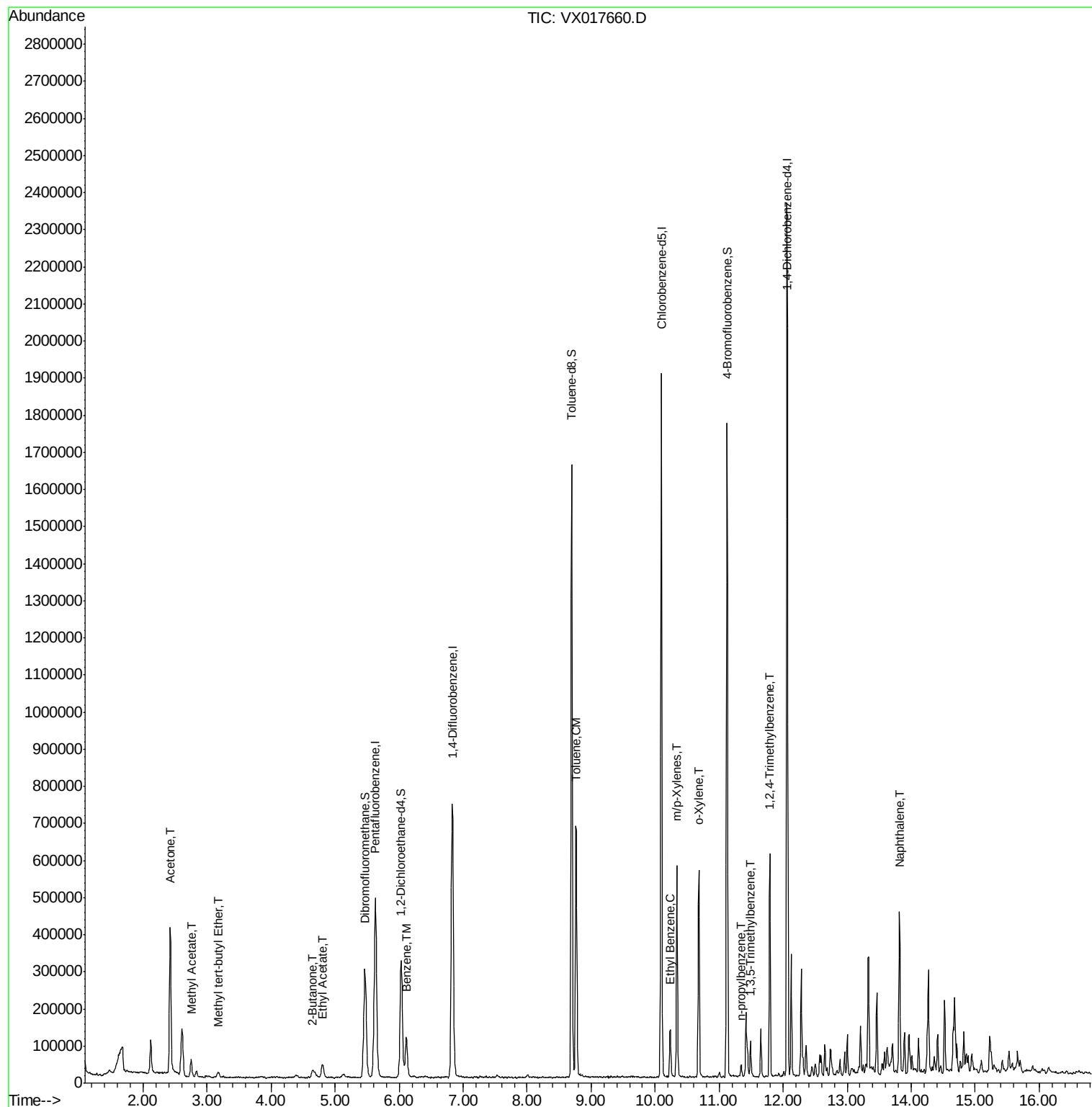
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.42	43	424114	166.758	ug/l	95
18) Methyl Acetate	2.75	43	56637	9.456	ug/l	93
19) Methyl tert-butyl Ether	3.17	73	16391	1.019	ug/l #	89
25) 2-Butanone	4.65	43	33720	9.333	ug/l	100
37) Ethyl Acetate	4.79	43	64163	8.177	ug/l	97
40) Benzene	6.11	78	127739	6.213	ug/l	99
52) Toluene	8.76	92	253252	19.207	ug/l	97
67) Ethyl Benzene	10.24	91	73603	2.419	ug/l	100
68) m/p-Xylenes	10.34	106	127681	10.832	ug/l	96
69) o-Xylene	10.68	106	122421	10.799	ug/l	100
78) n-propylbenzene	11.35	91	16816	0.457	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	42055	1.509	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	252427	9.107	ug/l	99
95) Naphthalene	13.82	128	263605	8.389	ug/l	99

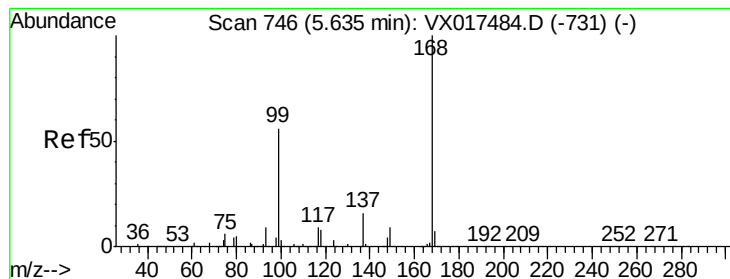
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX072820\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017660.D

Acq: 28 Jul 2020 17:58

Instrument :

MSVOA_X

ClientSampleId :

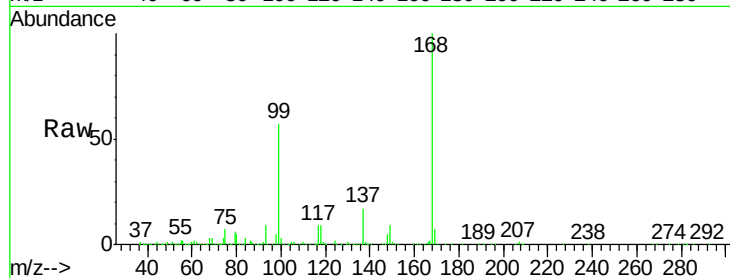
20758DL

Tgt Ion:168 Resp: 449844

Ion Ratio Lower Upper

168 100

99 57.0 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

150000

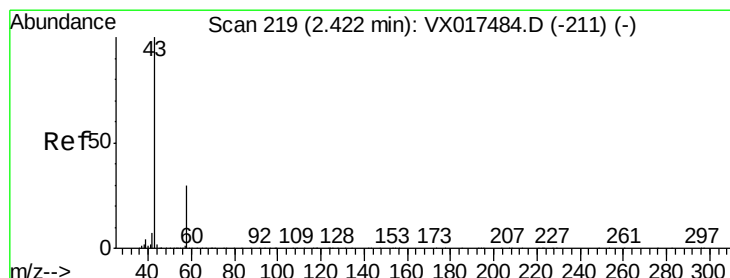
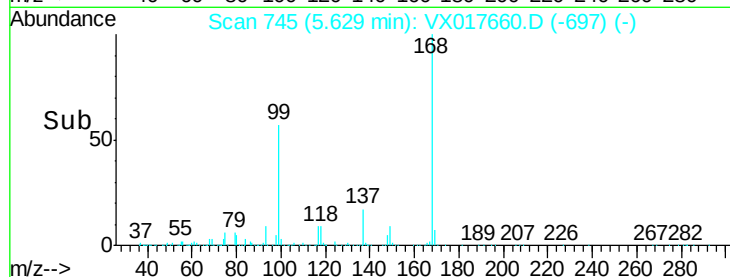
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 166.758 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX017660.D

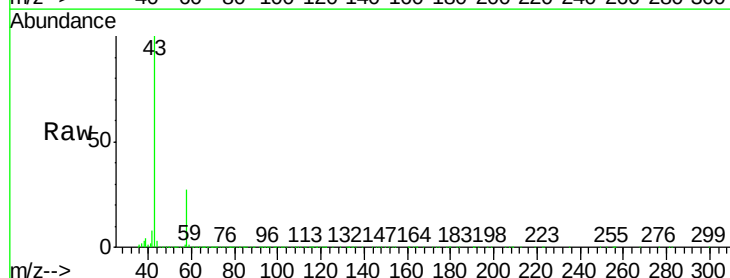
Acq: 28 Jul 2020 17:58

Tgt Ion: 43 Resp: 424114

Ion Ratio Lower Upper

43 100

58 27.4 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

300000

250000

200000

150000

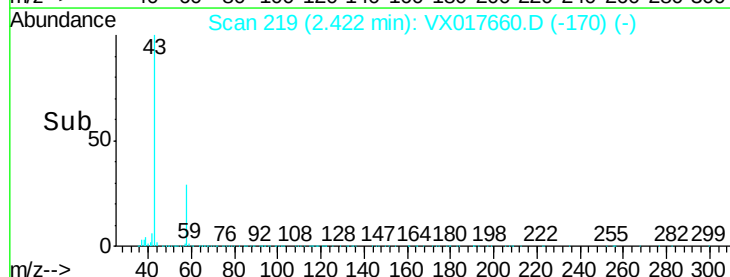
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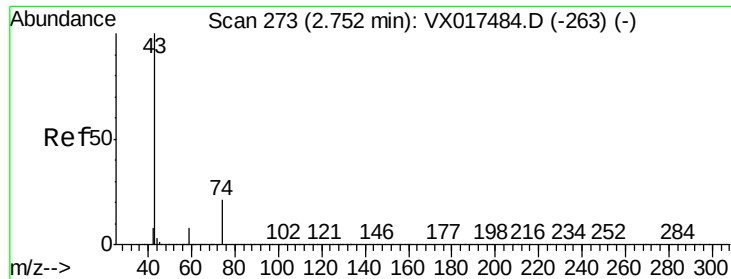
50000

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Time-->

2.30 2.40 2.50

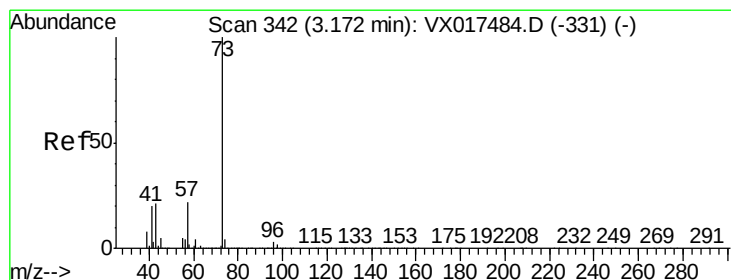
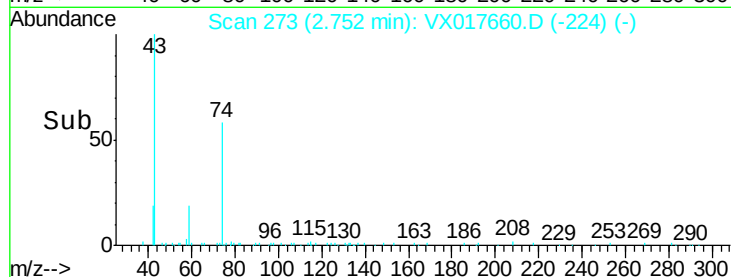
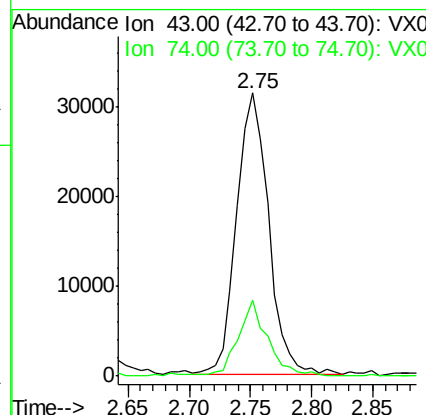
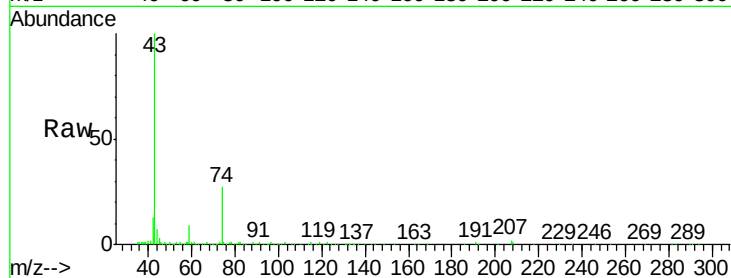




#18
Methyl Acetate
Concen: 9.456 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX017660.D
Acq: 28 Jul 2020 17:58

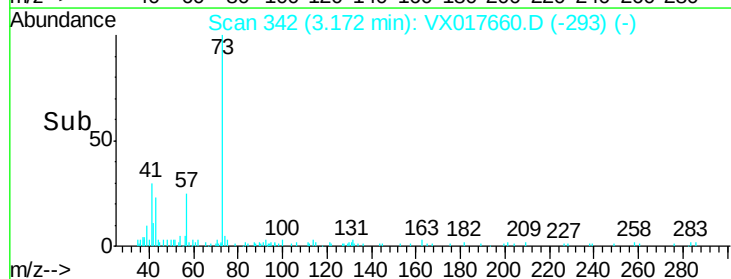
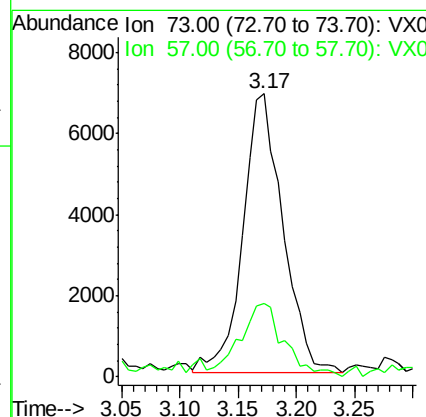
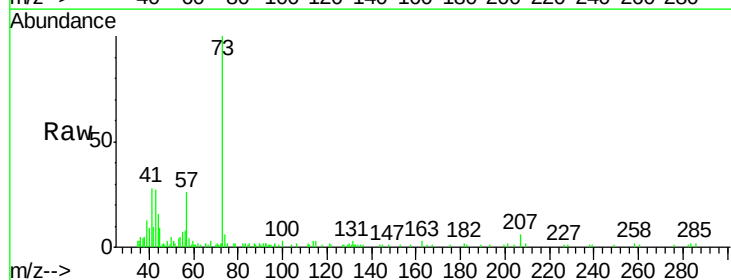
Instrument :
MSVOA_X
ClientSampleId :
20758DL

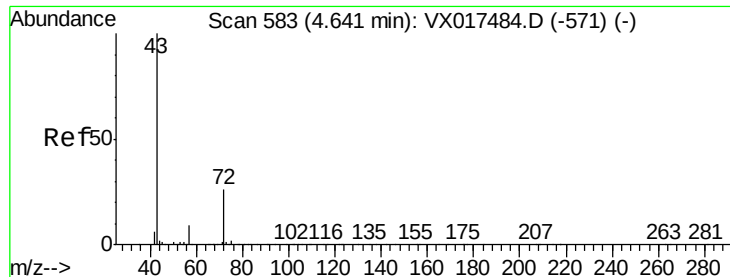
Tgt Ion: 43 Resp: 56637
Ion Ratio Lower Upper
43 100
74 25.3 17.5 26.3



#19
Methyl tert-butyl Ether
Concen: 1.019 ug/l
RT: 3.17 min Scan# 342
Delta R.T. -0.00 min
Lab File: VX017660.D
Acq: 28 Jul 2020 17:58

Tgt Ion: 73 Resp: 16391
Ion Ratio Lower Upper
73 100
57 26.3 17.0 25.4#





#25

2-Butanone

Concen: 9.333 ug/l

RT: 4.65 min Scan# 584

Delta R.T. 0.01 min

Lab File: VX017660.D

Acq: 28 Jul 2020 17:58

Instrument :

MSVOA_X

ClientSampleId :

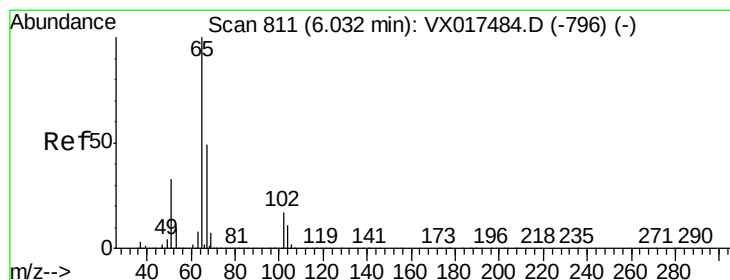
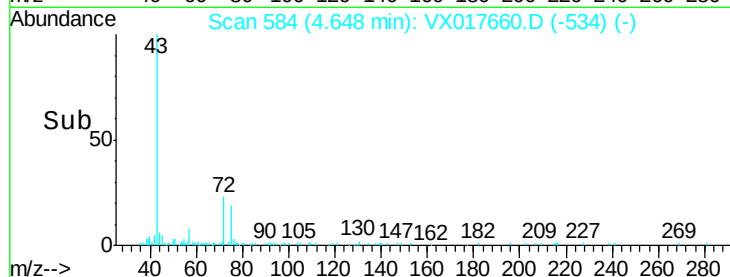
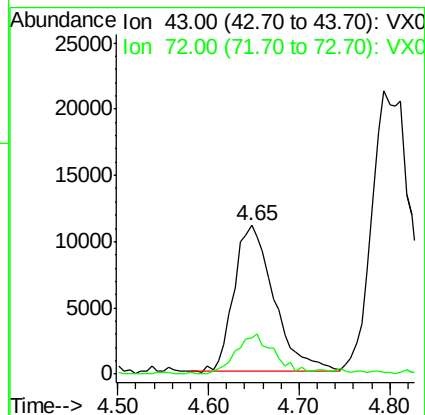
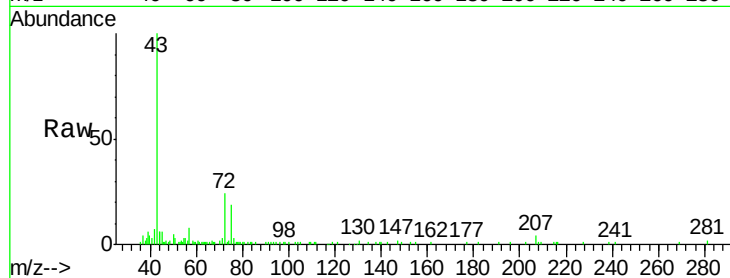
20758DL

Tgt Ion: 43 Resp: 33720

Ion Ratio Lower Upper

43 100

72 23.9 19.0 28.4



#33

1,2-Dichloroethane-d4

Concen: 53.935 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017660.D

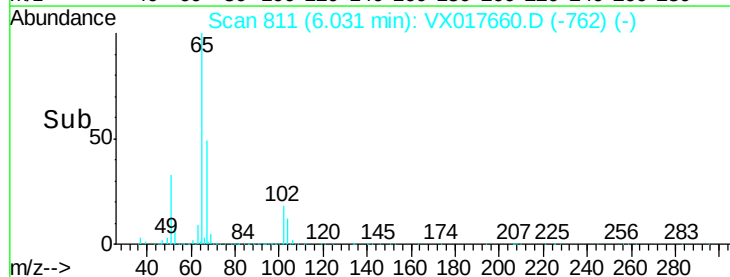
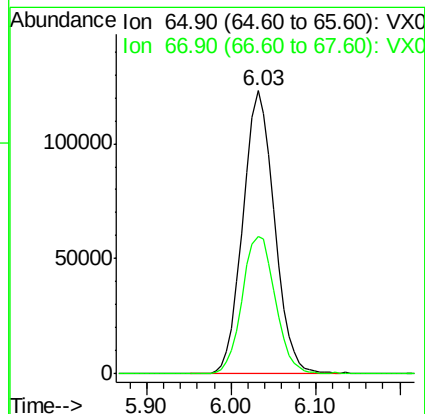
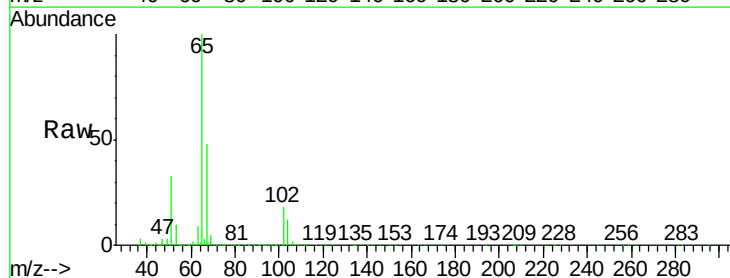
Acq: 28 Jul 2020 17:58

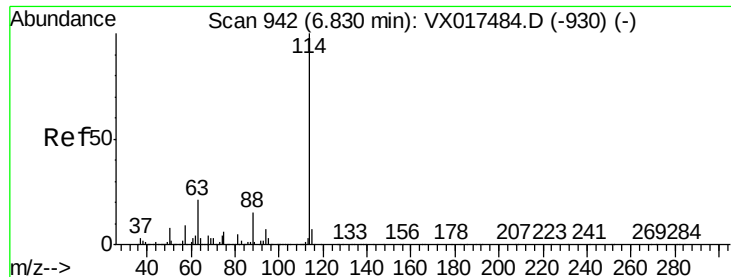
Tgt Ion: 65 Resp: 311662

Ion Ratio Lower Upper

65 100

67 50.5 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017660.D

Acq: 28 Jul 2020 17:58

Instrument :

MSVOA_X

ClientSampleId :

20758DL

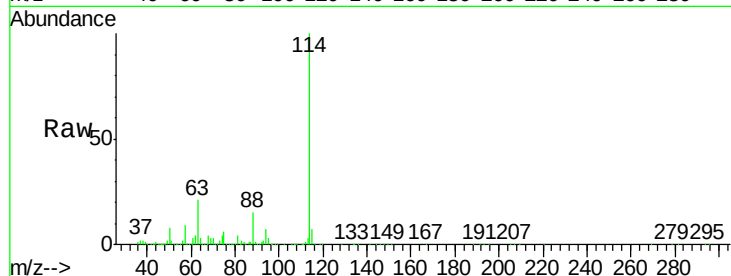
Tgt Ion:114 Resp: 747704

Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.6

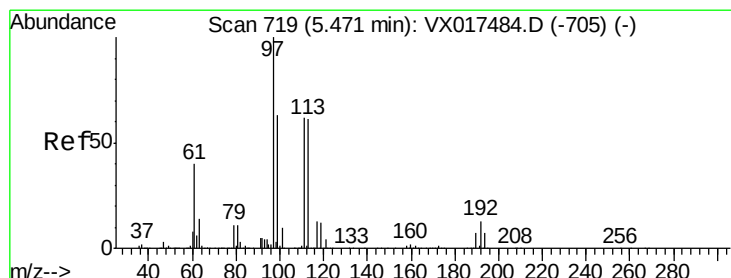
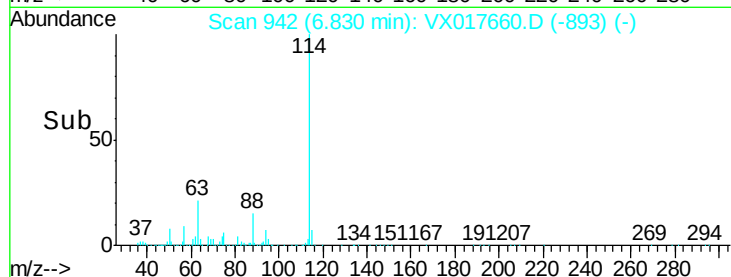
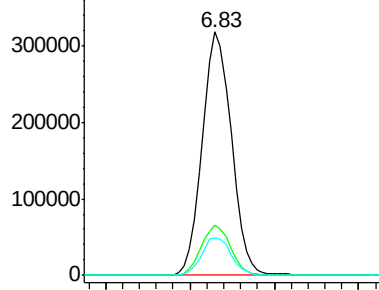
88 15.2 0.0 33.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 51.189 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX017660.D

Acq: 28 Jul 2020 17:58

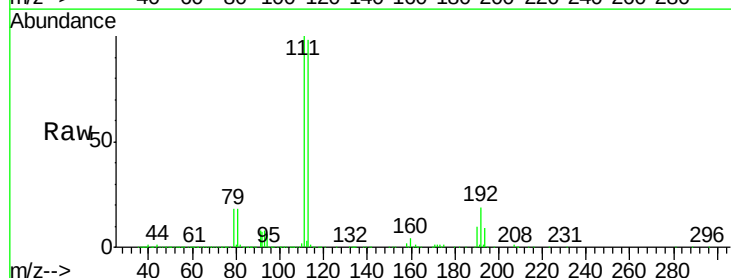
Tgt Ion:113 Resp: 255980

Ion Ratio Lower Upper

113 100

111 103.0 80.7 121.1

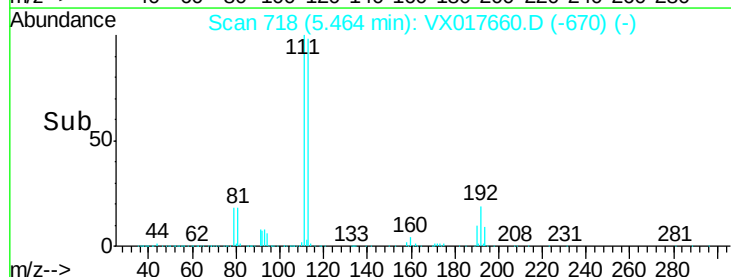
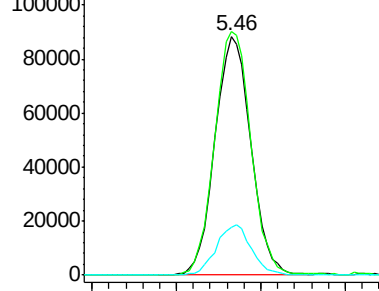
192 20.6 16.9 25.3

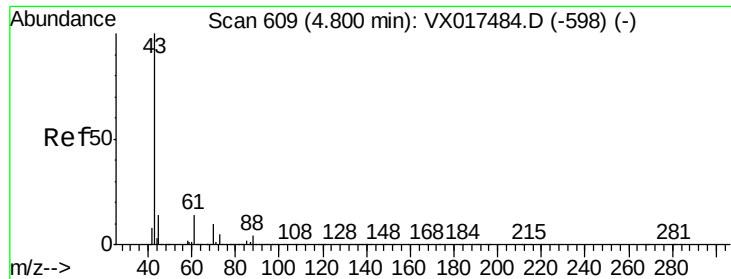


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

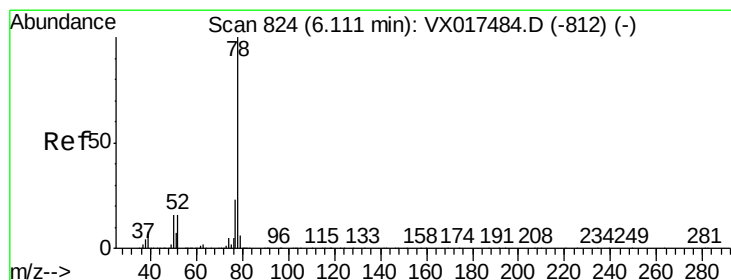
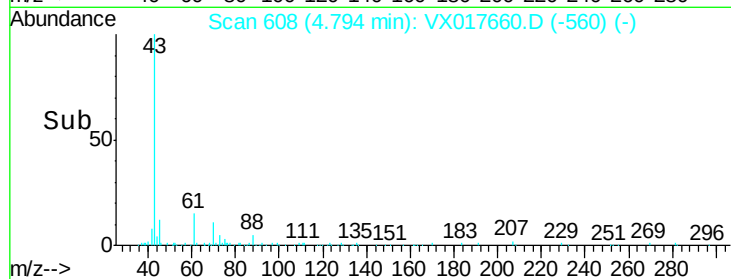
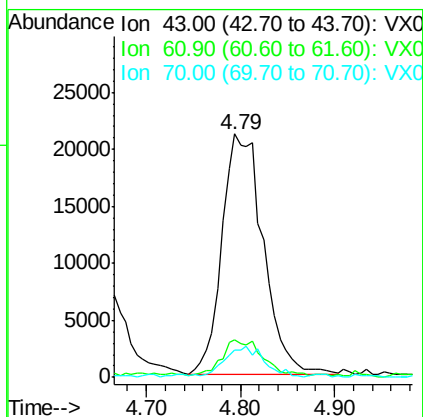
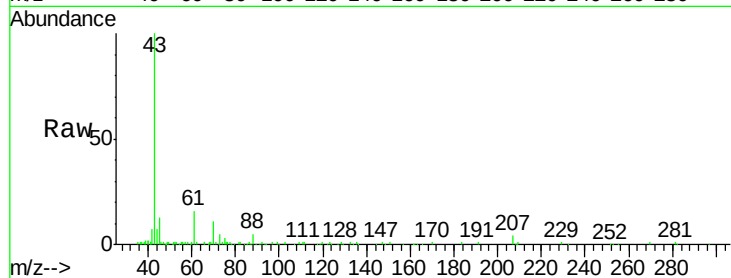




#37
Ethyl Acetate
Concen: 8.177 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX017660.D
Acq: 28 Jul 2020 17:58

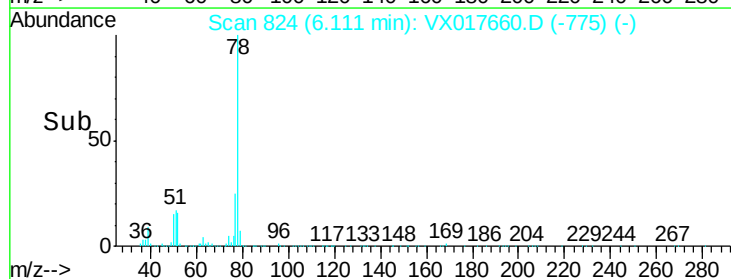
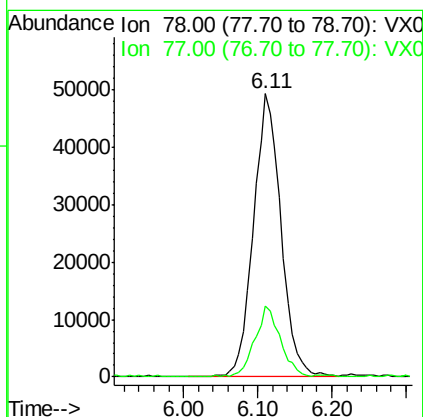
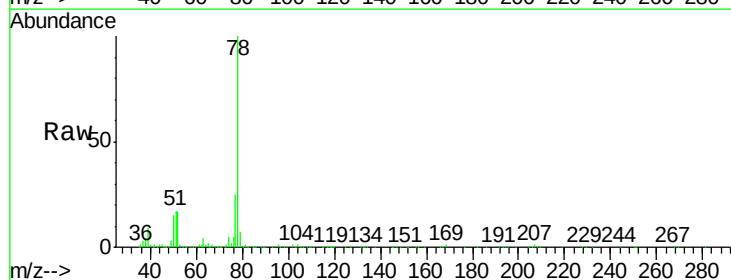
Instrument :
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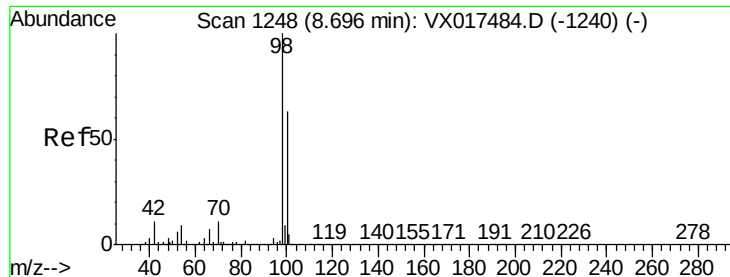
Tgt Ion:	43	Resp:	64163
Ion	Ratio	Lower	Upper
43	100		
61	14.7	10.7	16.1
70	11.6	8.5	12.7



#40
Benzene
Concen: 6.213 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX017660.D
Acq: 28 Jul 2020 17:58

Tgt Ion:	78	Resp:	127739
Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.4	29.2





#50

Toluene-d8

Concen: 52.521 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017660.D

Acq: 28 Jul 2020 17:58

Instrument :

MSVOA_X

ClientSampleId :

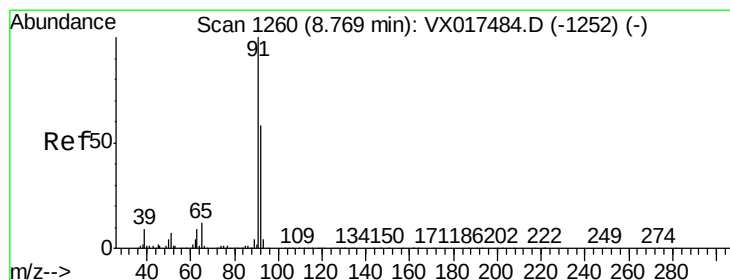
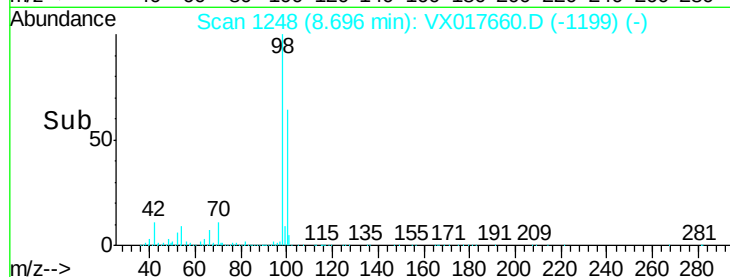
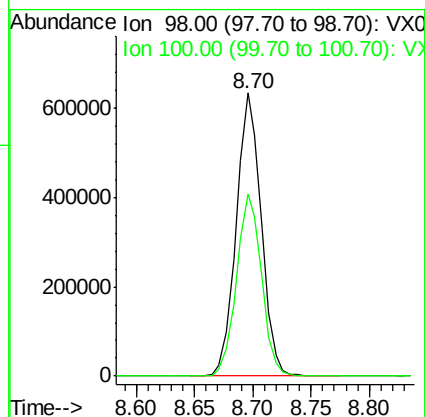
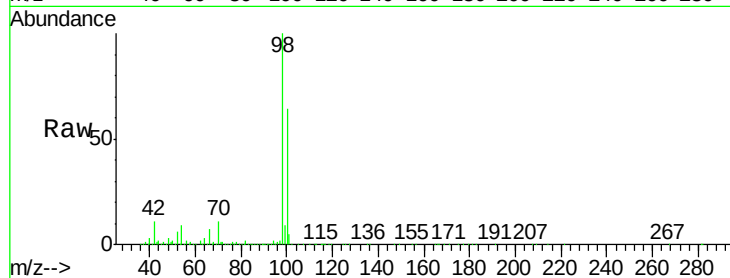
20758DL

Tgt Ion: 98 Resp: 947477

Ion Ratio Lower Upper

98 100

100 64.4 52.3 78.5



#52

Toluene

Concen: 19.207 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX017660.D

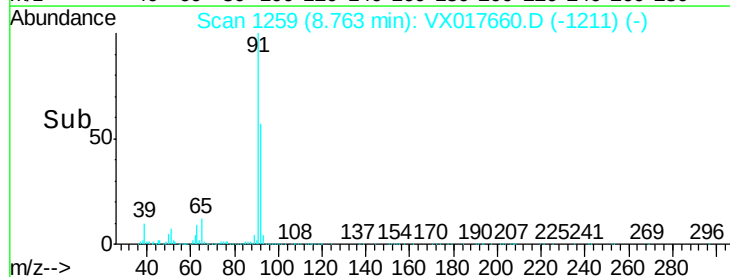
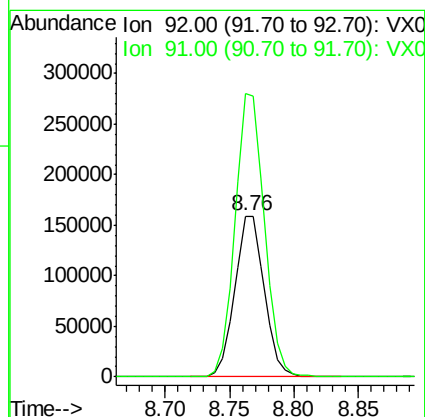
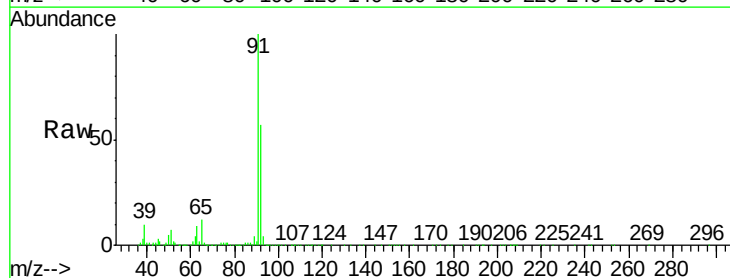
Acq: 28 Jul 2020 17:58

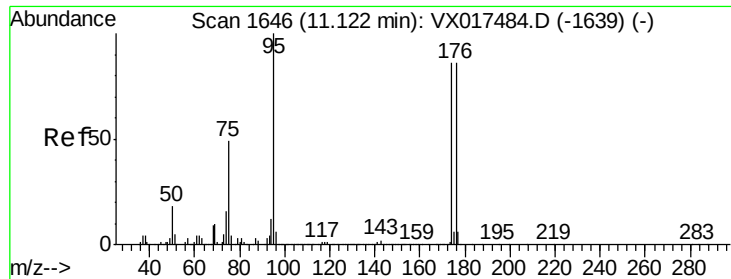
Tgt Ion: 92 Resp: 253252

Ion Ratio Lower Upper

92 100

91 175.6 137.6 206.4





#62

4-Bromofluorobenzene

Concen: 61.082 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017660.D

Acq: 28 Jul 2020 17:58

Instrument :

MSVOA_X

ClientSampleId :

20758DL

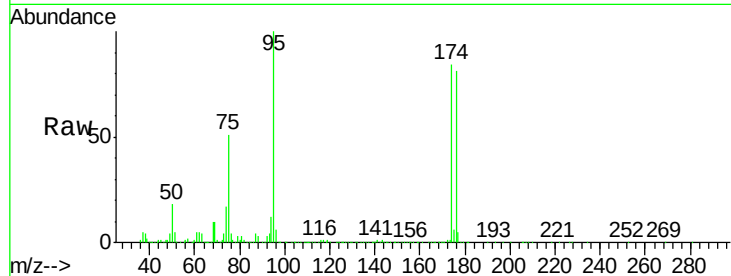
Tgt Ion: 95 Resp: 440989

Ion Ratio Lower Upper

95 100

174 84.2 0.0 169.0

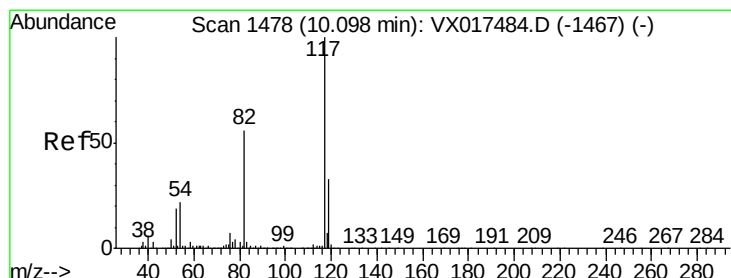
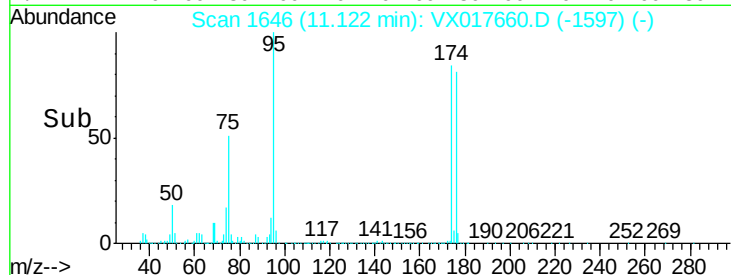
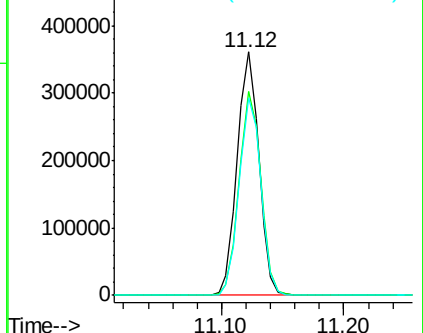
176 81.6 0.0 161.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX017660.D

Acq: 28 Jul 2020 17:58

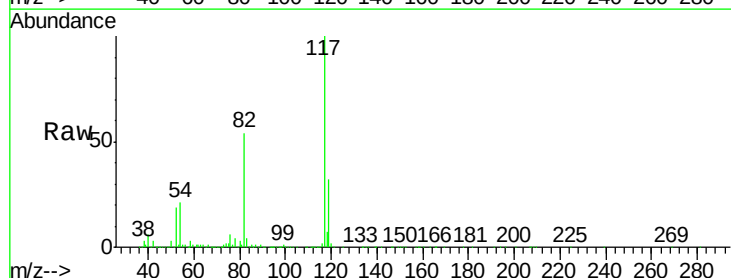
Tgt Ion: 117 Resp: 842082

Ion Ratio Lower Upper

117 100

82 54.0 44.0 66.0

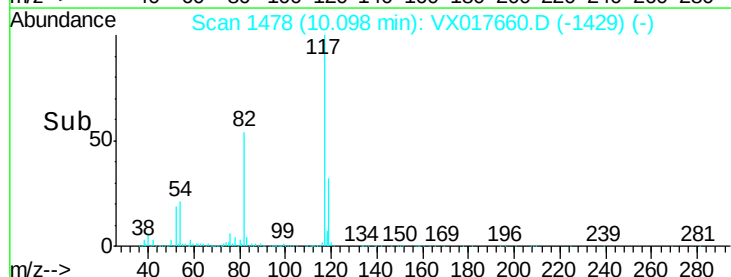
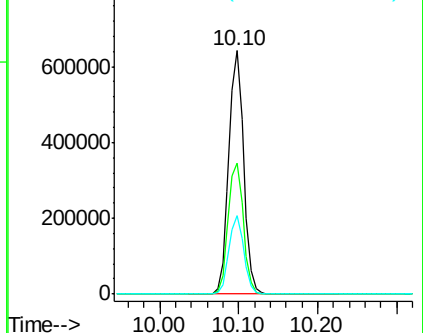
119 32.4 25.4 38.0

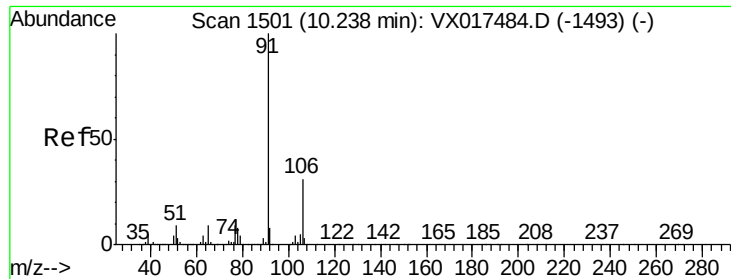


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#67

Ethyl Benzene

Concen: 2.419 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX017660.D

Acq: 28 Jul 2020 17:58

Instrument :

MSVOA_X

ClientSampleId :

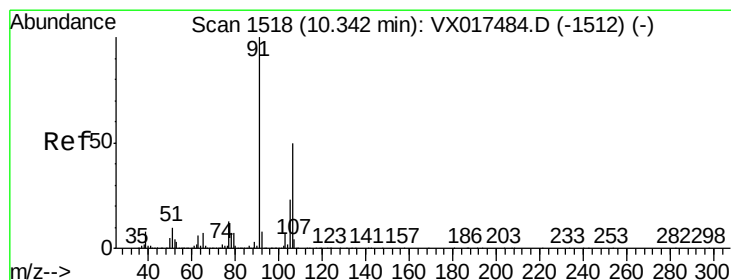
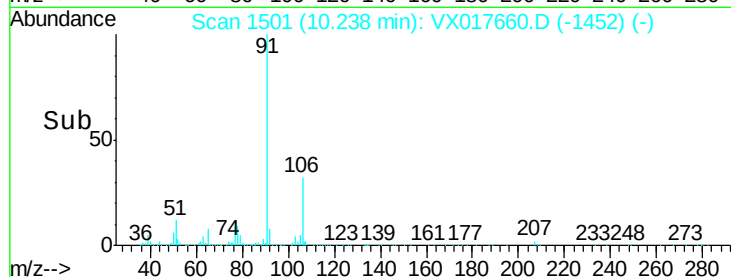
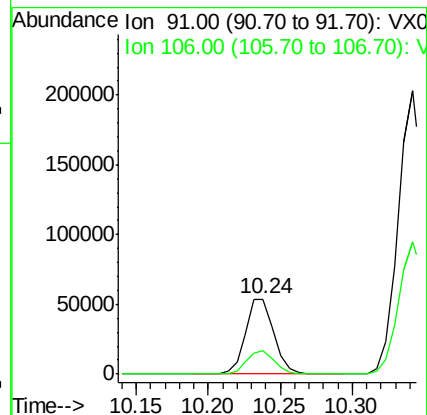
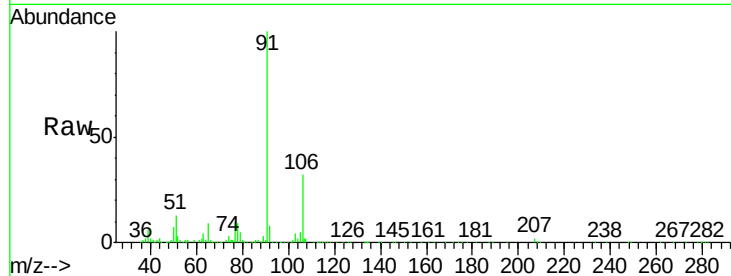
20758DL

Tgt Ion: 91 Resp: 73603

Ion Ratio Lower Upper

91 100

106 32.0 25.8 38.6



#68

m/p-Xylenes

Concen: 10.832 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017660.D

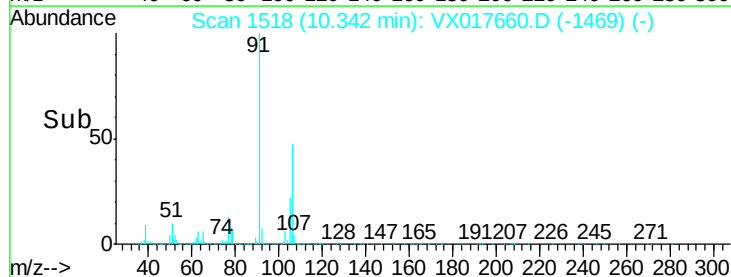
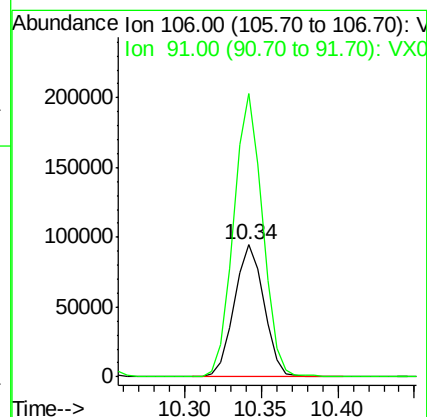
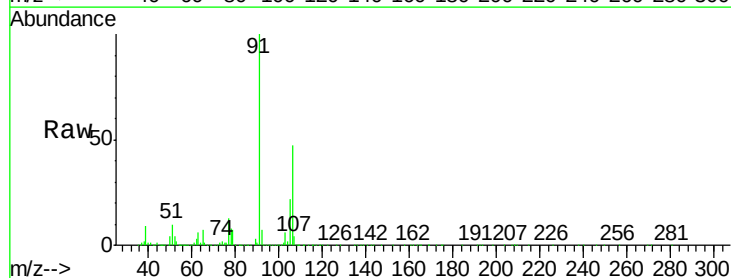
Acq: 28 Jul 2020 17:58

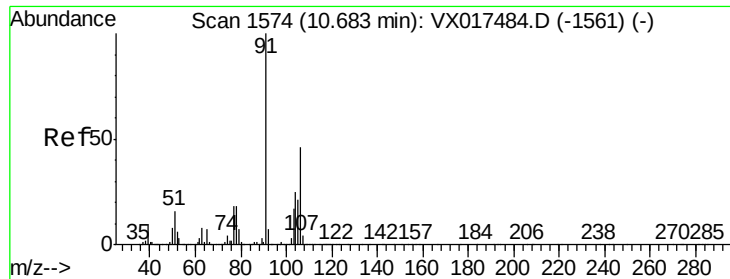
Tgt Ion: 106 Resp: 127681

Ion Ratio Lower Upper

106 100

91 207.9 160.9 241.3

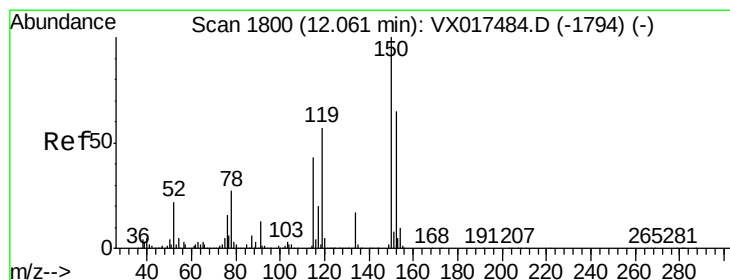
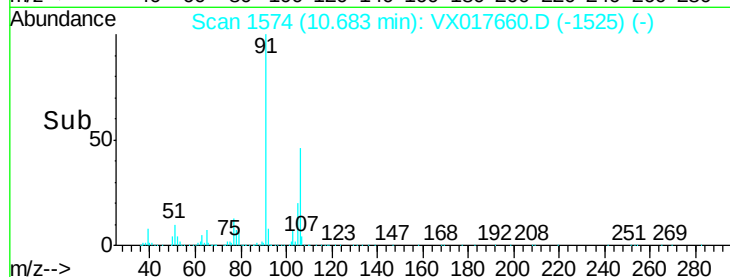
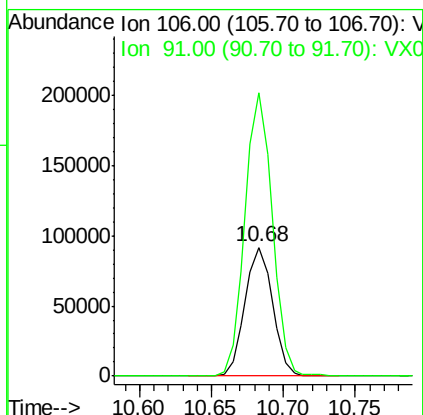
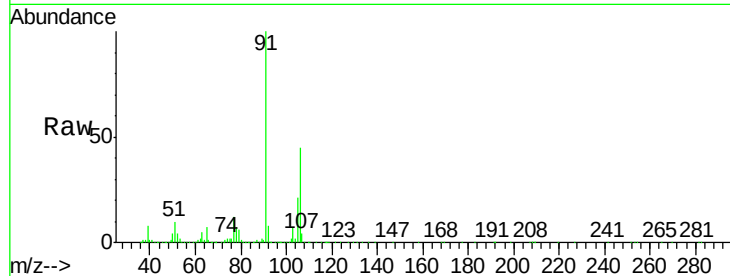




#69
o-Xylene
Concen: 10.799 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017660.D
Acq: 28 Jul 2020 17:58

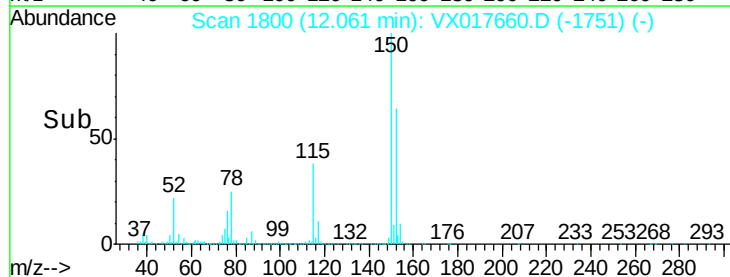
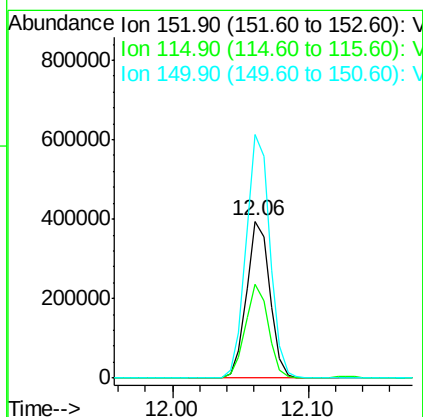
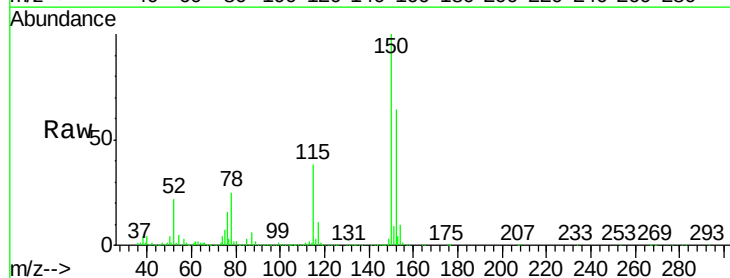
Instrument :
MSVOA_X
ClientSampleId :
20758DL

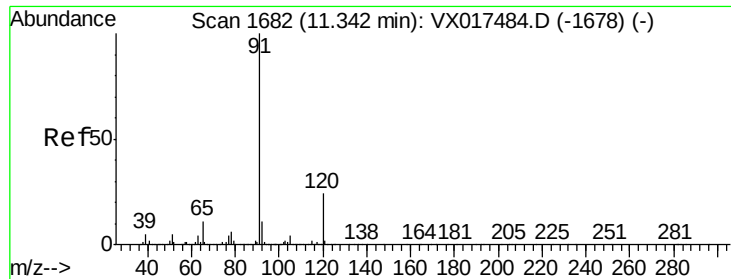
Tgt Ion:106 Resp: 122421
Ion Ratio Lower Upper
106 100
91 216.7 108.2 324.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017660.D
Acq: 28 Jul 2020 17:58

Tgt Ion:152 Resp: 475801
Ion Ratio Lower Upper
152 100
115 58.1 65.5 196.6#
150 157.9 0.0 412.6

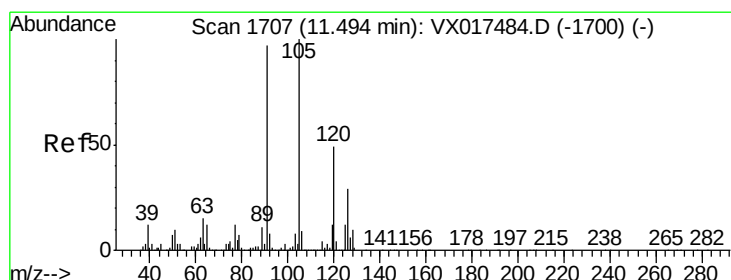
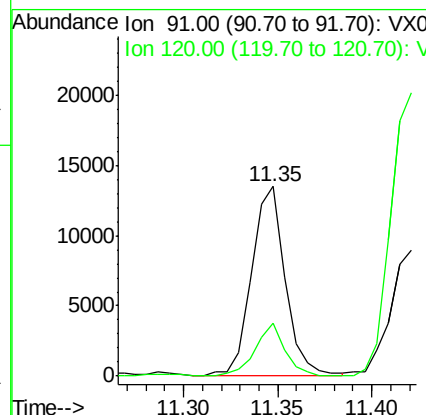
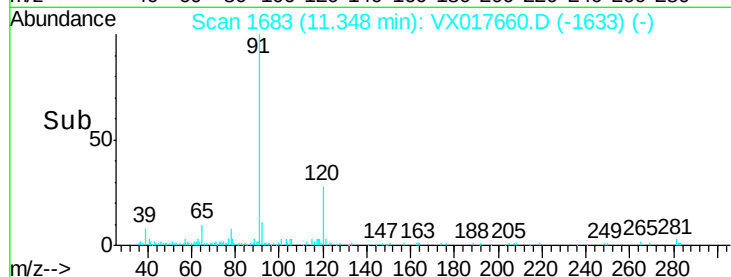
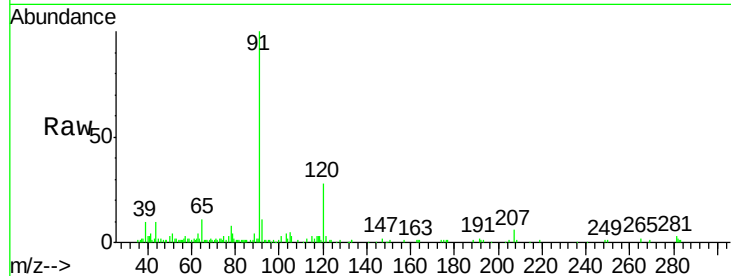




#78
n-propylbenzene
Concen: 0.457 ug/l
RT: 11.35 min Scan# 1683
Delta R.T. 0.01 min
Lab File: VX017660.D
Acq: 28 Jul 2020 17:58

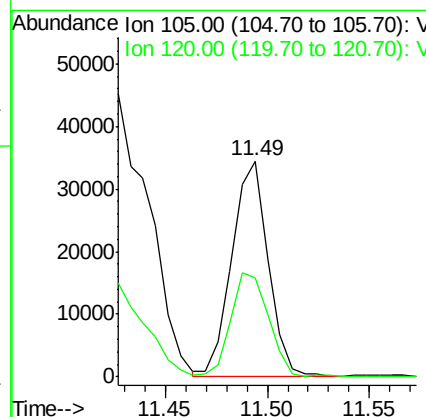
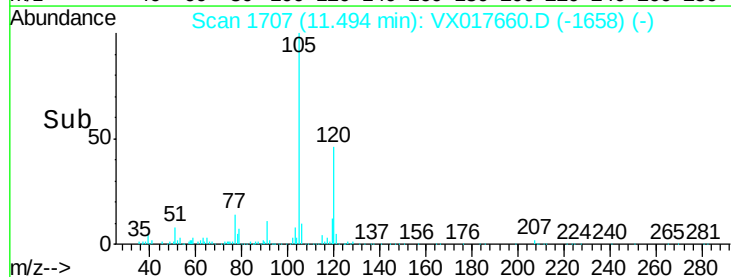
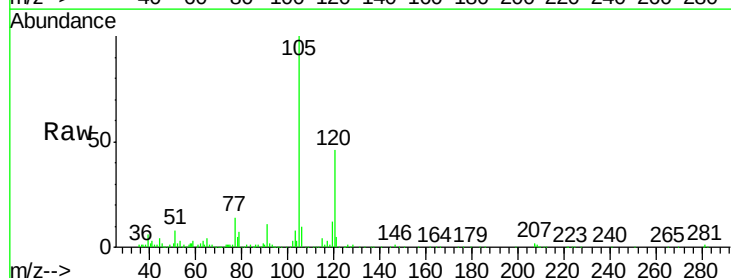
Instrument :
MSVOA_X
ClientSampleId :
20758DL

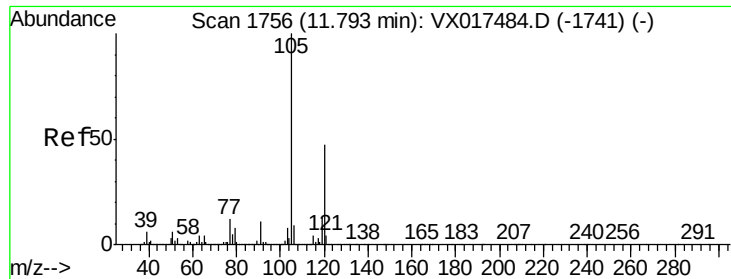
Tgt Ion: 91 Resp: 16816
Ion Ratio Lower Upper
91 100
120 24.4 12.2 36.4



#80
1,3,5-Trimethylbenzene
Concen: 1.509 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017660.D
Acq: 28 Jul 2020 17:58

Tgt Ion: 105 Resp: 42055
Ion Ratio Lower Upper
105 100
120 50.2 24.1 72.3

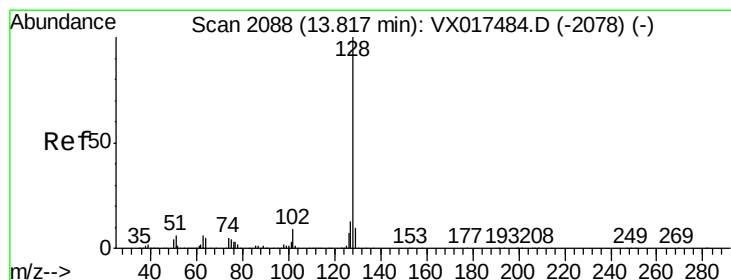
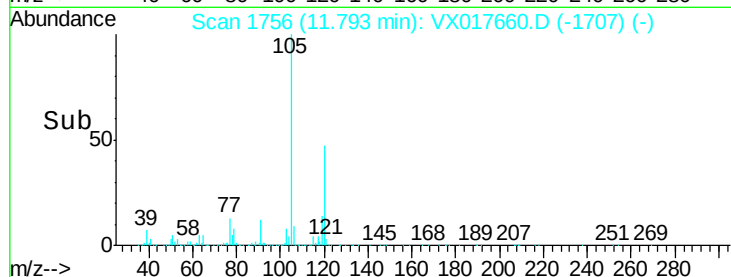
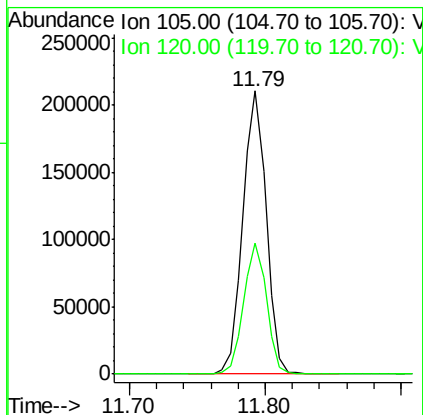
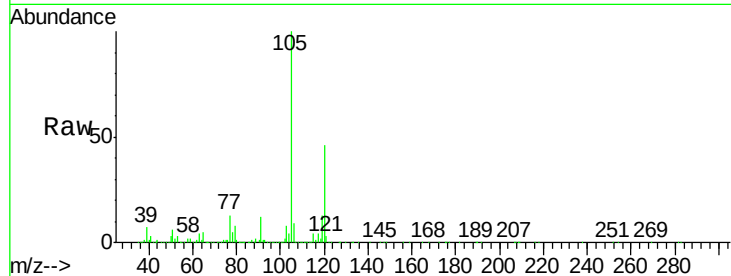




#84
 1,2,4-Trimethylbenzene
 Concen: 9.107 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017660.D
 Acq: 28 Jul 2020 17:58

Instrument :
 MSVOA_X
 ClientSampleId :
 20758DL

Tgt Ion:105 Resp: 252427
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.7 68.0



#95
 Naphthalene
 Concen: 8.389 ug/l
 RT: 13.82 min Scan# 2088
 Delta R.T. -0.00 min
 Lab File: VX017660.D
 Acq: 28 Jul 2020 17:58

Tgt Ion:128 Resp: 263605
 Ion Ratio Lower Upper
 128 100
 127 13.8 10.4 15.6
 129 10.8 8.9 13.3

