

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080420\
 Data File : VX017764.D
 Acq On : 04 Aug 2020 12:45
 Operator : JC/SP
 Sample : L3512-05 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 05 01:46:44 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	5.64	168	603809	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	881336	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	844389	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	440017	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	393097	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	
35) Dibromofluoromethane	5.46	113	300318	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	
50) Toluene-d8	8.70	98	1045957	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
62) 4-Bromofluorobenzene	11.12	95	418174	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	604	Below Cal		87
3) Chloromethane	1.31	50	675	0.457 ug/l #		47
5) Bromomethane	1.64	94	786	Below Cal		92
6) Chloroethane	1.73	64	467	Below Cal #		55
8) Diethyl Ether	2.17	74	308	Below Cal #		1
11) Tert butyl alcohol	3.01	59	41500	25.387 ug/l		98
13) Acrolein	2.28	56	372	4.442 ug/l #		7
16) Acetone	2.42	43	1157203	338.981 ug/l		95
20) Methylene Chloride	2.83	84	4134	Below Cal #		80
25) 2-Butanone	4.64	43	14411	2.972 ug/l #		87
29) Tetrahydrofuran	5.10	42	807	0.269 ug/l		92
31) Cyclohexane	5.62	56	11302	1.182 ug/l #		1
36) 1,1-Dichloropropene	5.63	75	43873	5.190 ug/l #		53
38) Carbon Tetrachloride	5.64	117	60025	5.848 ug/l #		20
40) Benzene	6.12	78	17187	0.709 ug/l #		82
49) 1,4-Dioxane	7.73	88	1693	11.674 ug/l #		39
51) 4-Methyl-2-Pentanone	8.63	43	2008	0.221 ug/l		99
52) Toluene	8.77	92	57491	3.699 ug/l		99
59) 2-Hexanone	9.48	43	1798	0.262 ug/l		99
67) Ethyl Benzene	10.24	91	69878	2.290 ug/l		97
68) m/p-Xylenes	10.34	106	93382	7.901 ug/l		96
69) o-Xylene	10.68	106	69241	6.091 ug/l		99
70) Styrene	10.68	104	4482	0.232 ug/l #		1
73) Isopropylbenzene	11.00	105	25904	0.858 ug/l		97
76) 1,2,3-Trichloropropane	11.12	75	220691	24.382 ug/l #		34
78) n-propylbenzene	11.34	91	86857	2.551 ug/l		99
79) 2-Chlorotoluene	11.42	91	39373	1.867 ug/l #		41
80) 1,3,5-Trimethylbenzene	11.49	105	83267	3.231 ug/l		97
81) trans-1,4-Dichloro-2-buten	11.12	75	220691	61.437 ug/l #		11
82) 4-Chlorotoluene	11.49	91	10862	0.437 ug/l #		59
83) tert-Butylbenzene	11.79	119	47527	1.927 ug/l #		60
84) 1,2,4-Trimethylbenzene	11.79	105	382926	14.938 ug/l		99
85) sec-Butylbenzene	11.93	105	26119	0.909 ug/l		91
86) p-Isopropyltoluene	12.05	119	13835	0.506 ug/l		78

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Response via : Initial Calibration

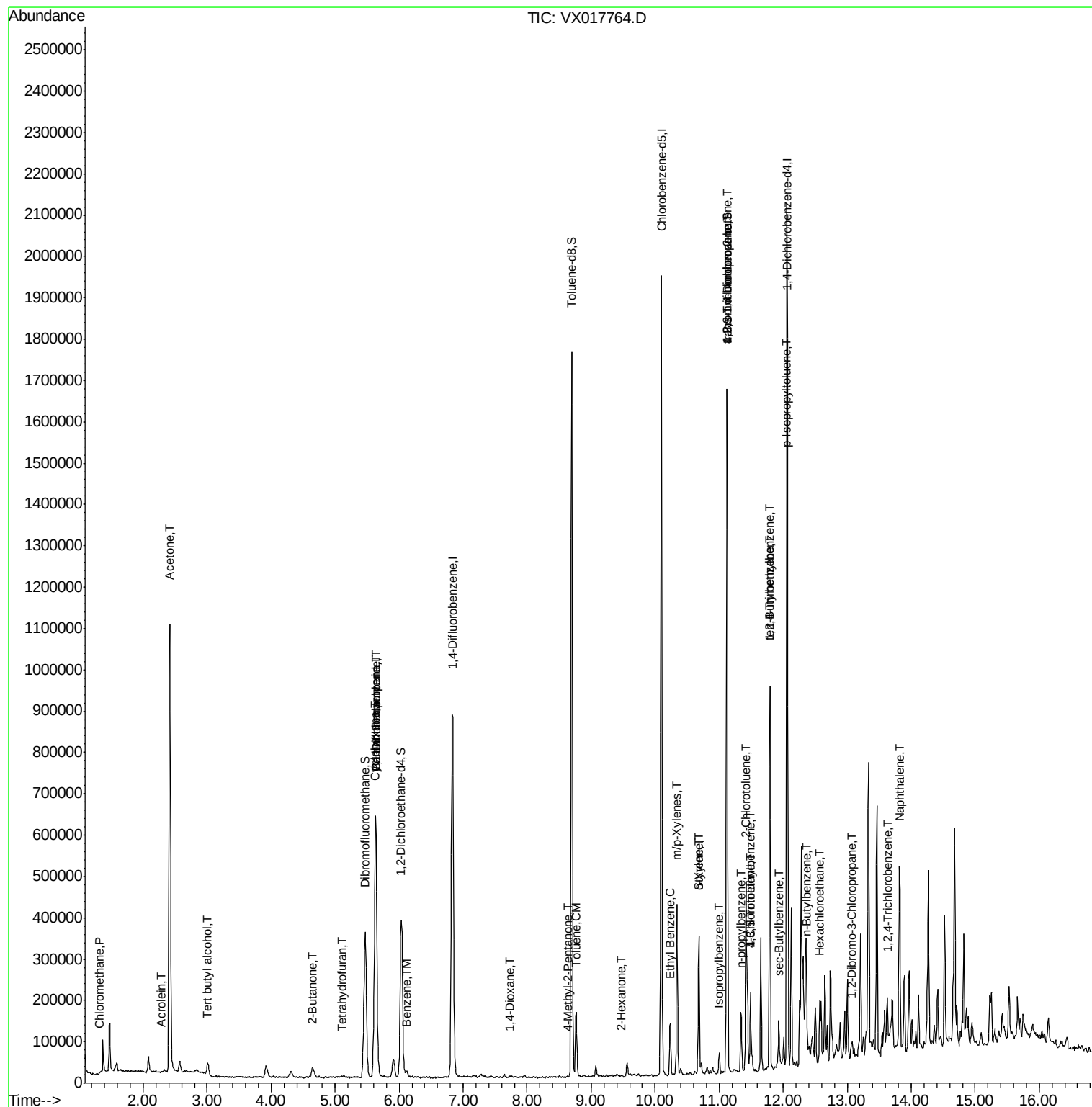
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	12.37	91	47135	1.934	ug/l #	45
90) Hexachloroethane	12.57	117	7332	1.359	ug/l #	8
92) 1,2-Dibromo-3-Chloropropan	13.07	75	888	2.893	ug/l	72
93) 1,2,4-Trichlorobenzene	13.63	180	2112	0.217	ug/l #	1
95) Naphthalene	13.82	128	284361	9.786	ug/l	99

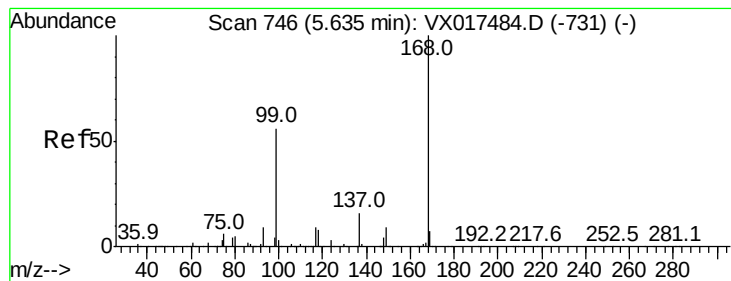
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017764.D

Acq: 04 Aug 2020 12:45

Instrument :

MSVOA_X

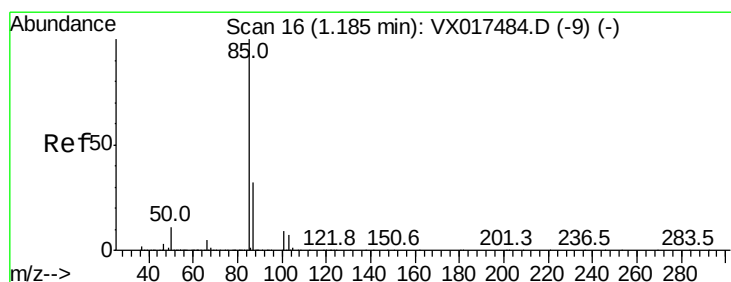
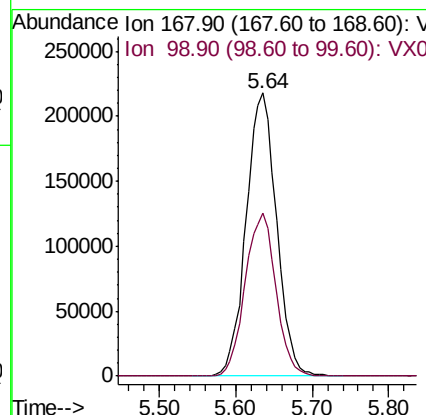
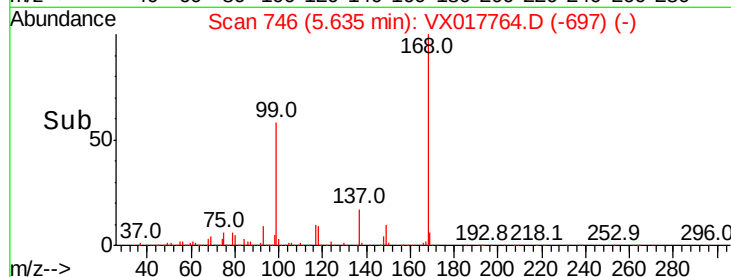
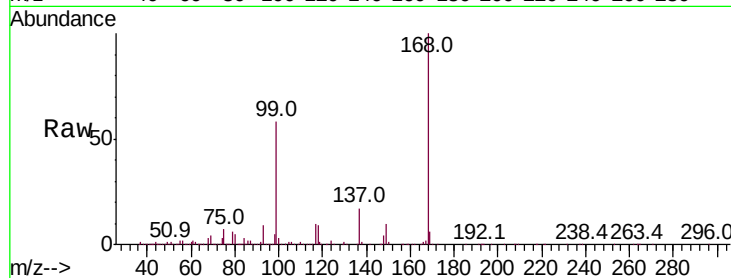
ClientSampleId :

Tot Ion:168 Resp: 603809

Ion Ratio Lower Upper

168 100

99 57.7 43.4 65.2



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017764.D

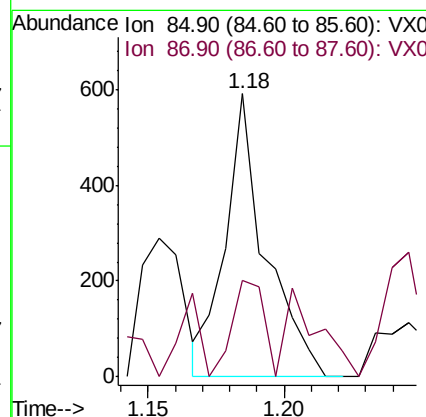
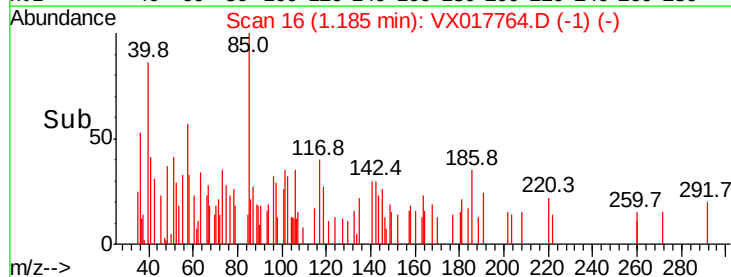
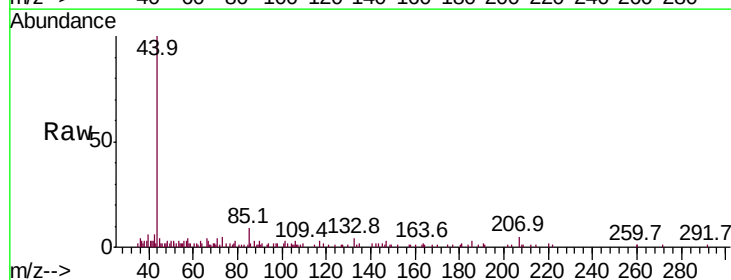
Acq: 04 Aug 2020 12:45

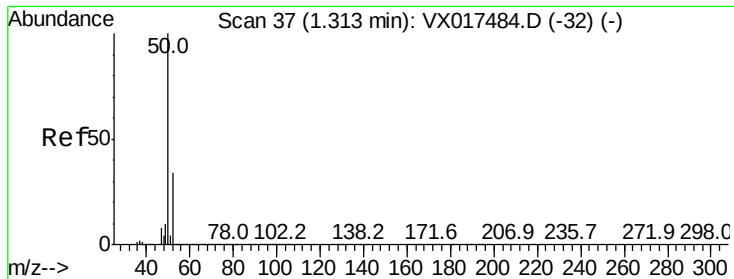
Tgt Ion: 85 Resp: 604

Ion Ratio Lower Upper

85 100

87 24.7 16.1 48.3





#3

Chloromethane

Concen: 0.457 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017764.D

Acq: 04 Aug 2020 12:45

Instrument :

MSVOA_X

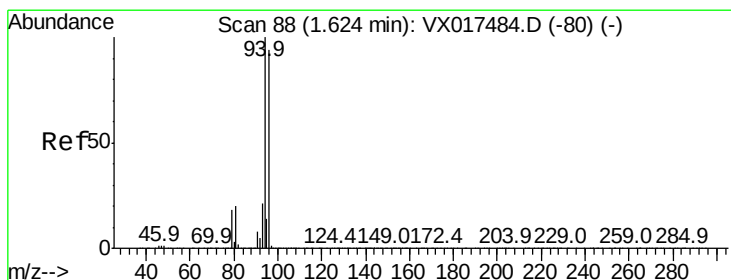
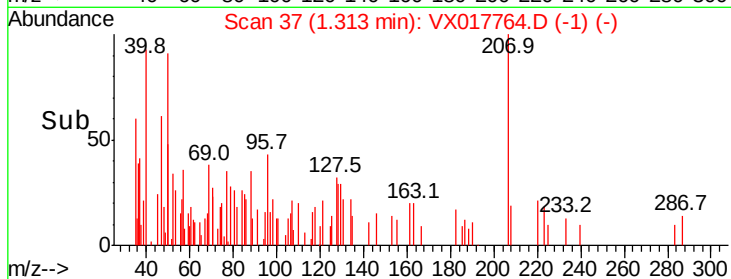
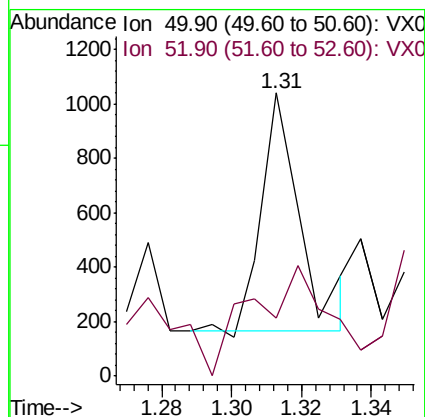
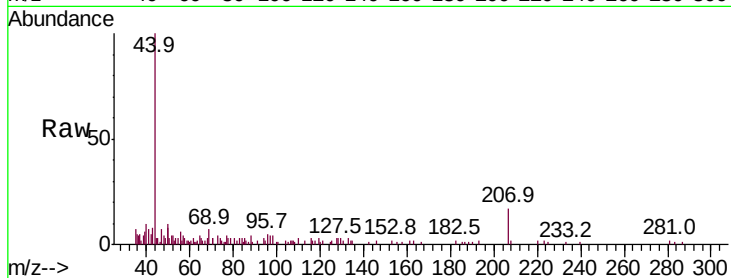
ClientSampled :

Tot Ion: 50 Resp: 675

Ion Ratio Lower Upper

50 100

52 2.5 25.9 38.9#



#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX017764.D

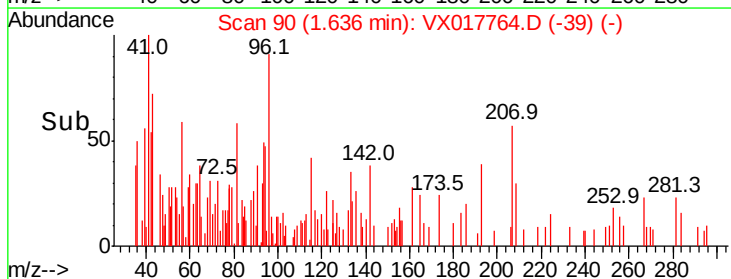
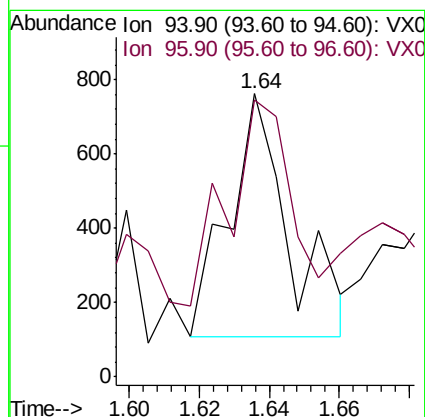
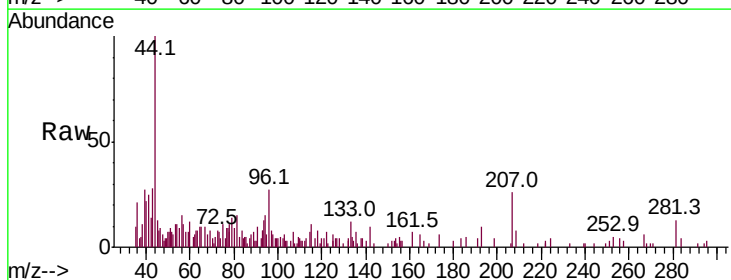
Acq: 04 Aug 2020 12:45

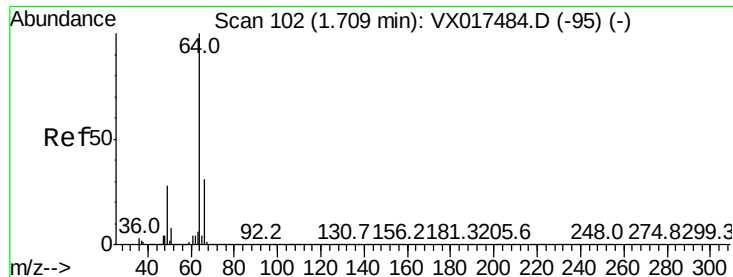
Tgt Ion: 94 Resp: 786

Ion Ratio Lower Upper

94 100

96 84.7 74.1 111.1





#6

Chloroethane

Concen: Below Cal

RT: 1.73 min Scan# 106

Delta R.T. 0.02 min

Lab File: VX017764.D

Acq: 04 Aug 2020 12:45

Instrument :

MSVOA_X

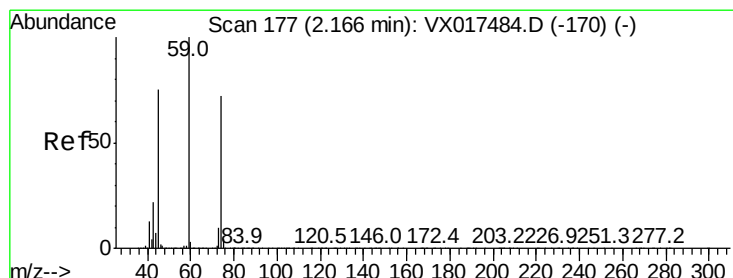
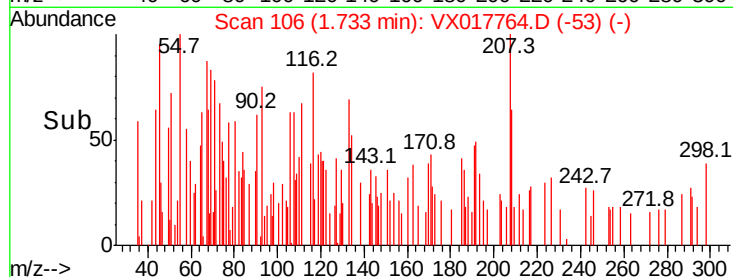
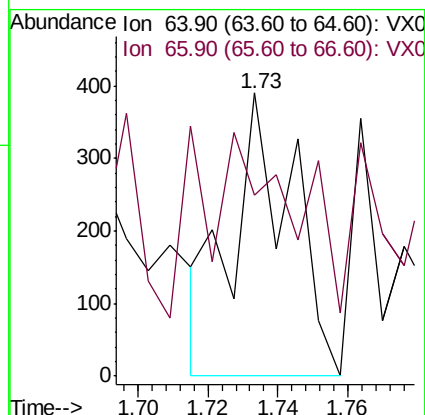
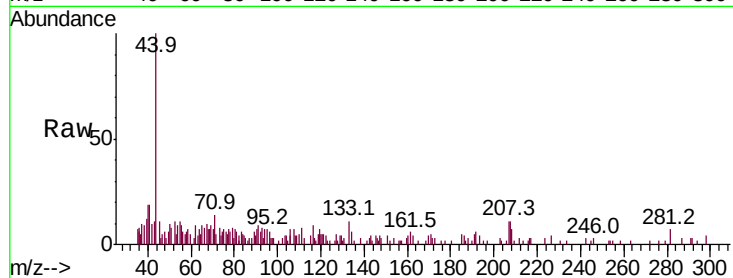
ClientSampleId :

Tot Ion: 64 Resp: 467

Ion Ratio Lower Upper

64 100

66 55.6 24.9 37.3#



#8

Diethyl Ether

Concen: Below Cal

RT: 2.17 min Scan# 177

Delta R.T. 0.00 min

Lab File: VX017764.D

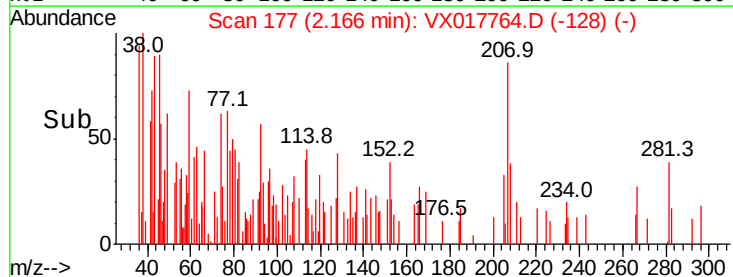
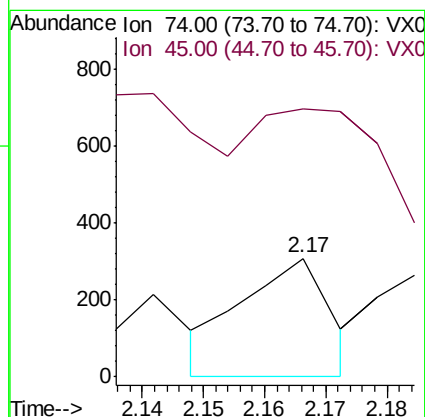
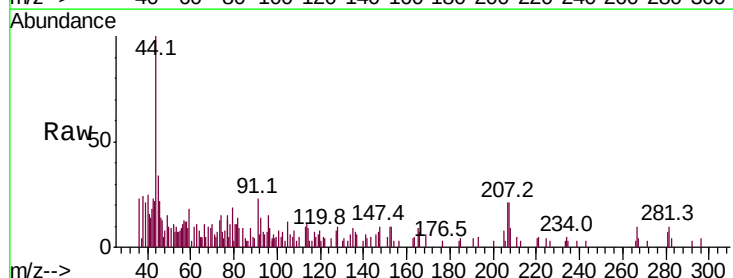
Acq: 04 Aug 2020 12:45

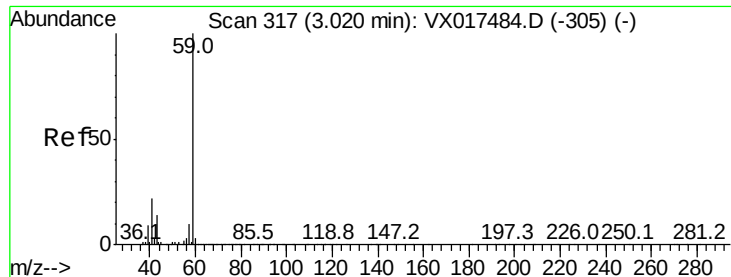
Tgt Ion: 74 Resp: 308

Ion Ratio Lower Upper

74 100

45 0.0 50.8 152.5#

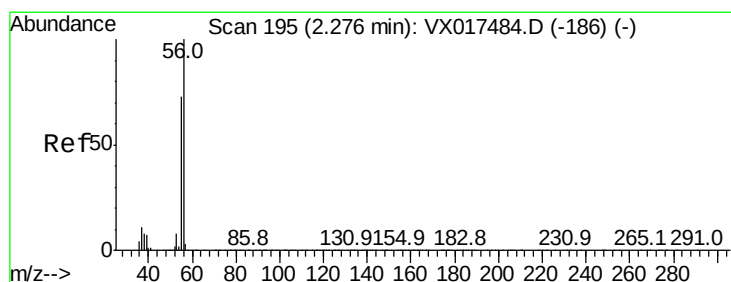
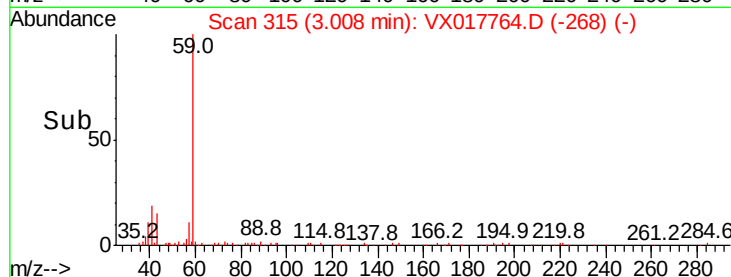
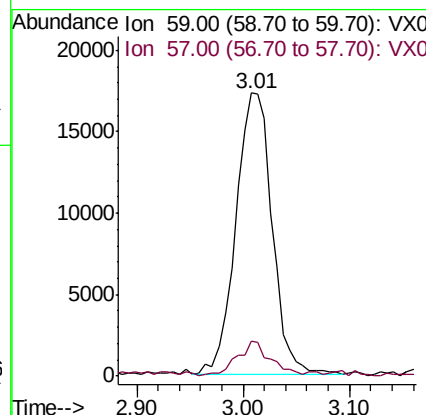
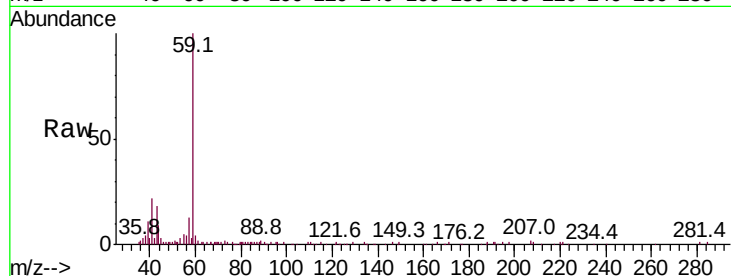




#11
Tert butyl alcohol
Concen: 25.387 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX017764.D
Acq: 04 Aug 2020 12:45

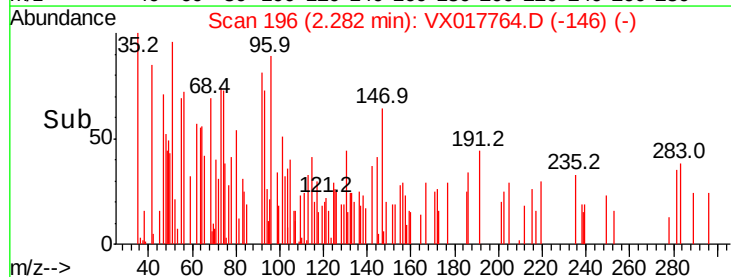
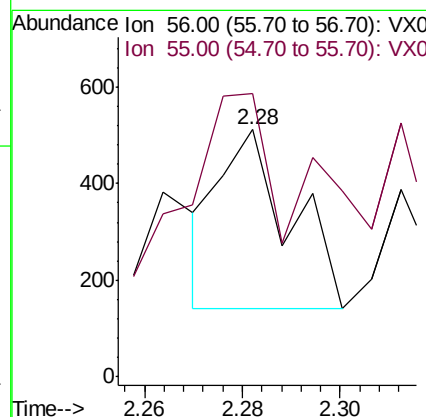
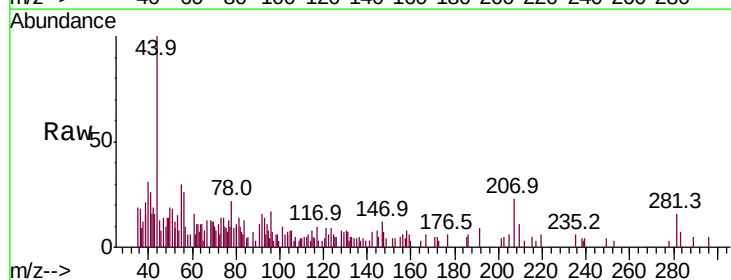
Instrument :
MSVOA_X
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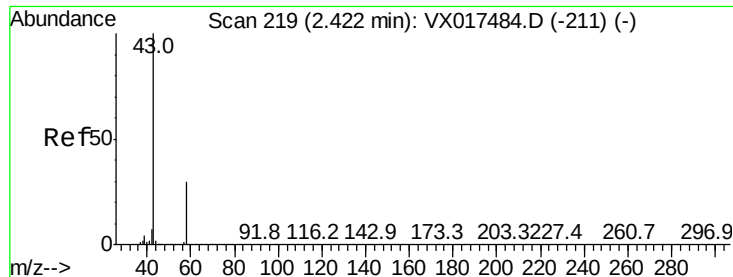
Tot Ion: 59 Resp: 41500
Ion Ratio Lower Upper
59 100
57 11.4 8.6 12.8



#13
Acrolein
Concen: 4.442 ug/l
RT: 2.28 min Scan# 196
Delta R.T. 0.01 min
Lab File: VX017764.D
Acq: 04 Aug 2020 12:45

Tgt Ion: 56 Resp: 372
Ion Ratio Lower Upper
56 100
55 149.5 57.4 86.2#

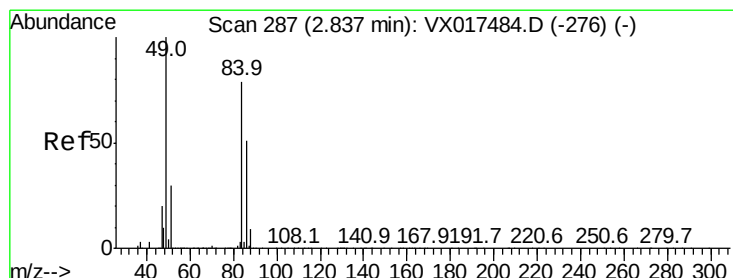
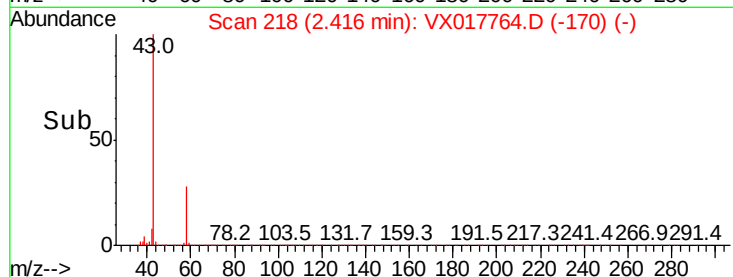
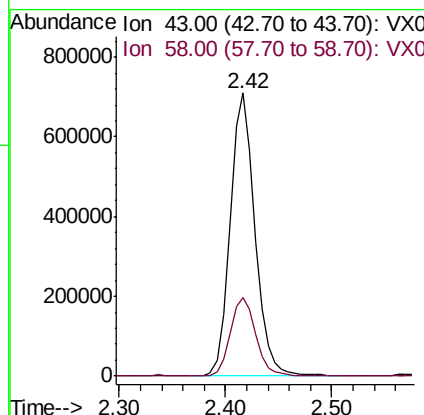
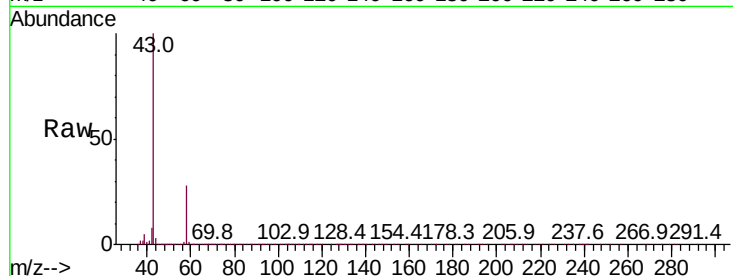




#16
Acetone
Concen: 338.981 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX017764.D
Acq: 04 Aug 2020 12:45

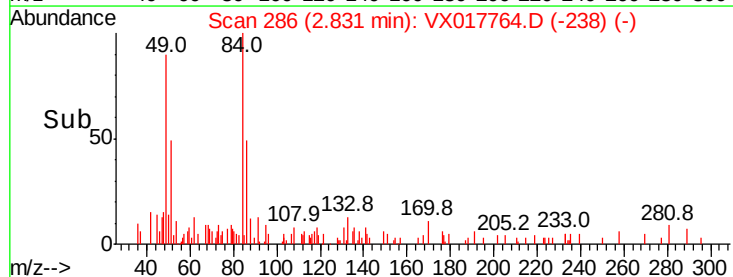
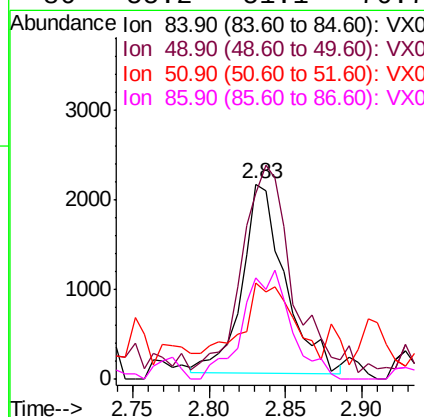
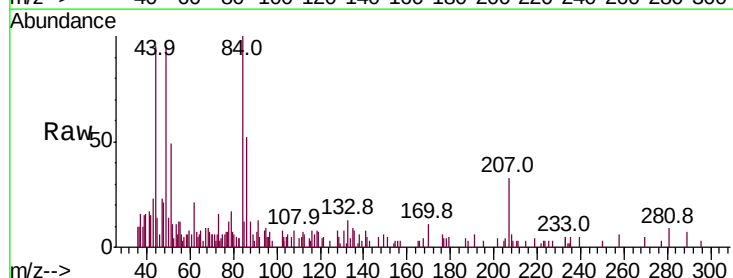
Instrument :
MSVOA_X
ClientSampleId :

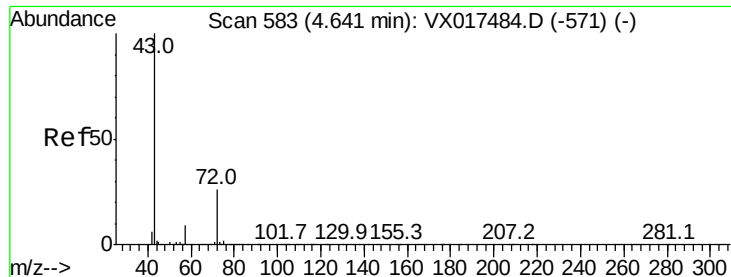
Tot Ion: 43 Resp: 1157203
Ion Ratio Lower Upper
43 100
58 27.8 24.2 36.4



#20
Methylene Chloride
Concen: Below Cal
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX017764.D
Acq: 04 Aug 2020 12:45

Tgt Ion: 84 Resp: 4134
Ion Ratio Lower Upper
84 100
49 90.7 100.3 150.5#
51 38.5 30.5 45.7
86 55.2 51.1 76.7





#25

2-Butanone

Concen: 2.972 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX017764.D

Acq: 04 Aug 2020 12:45

Instrument :

MSVOA_X

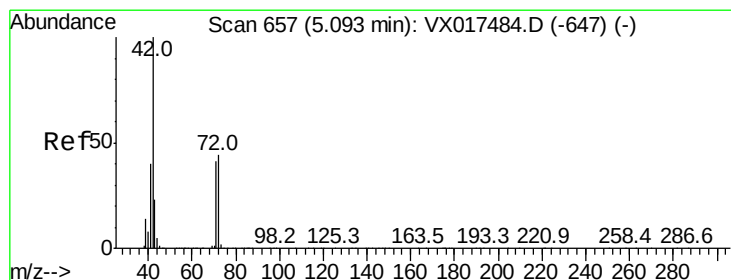
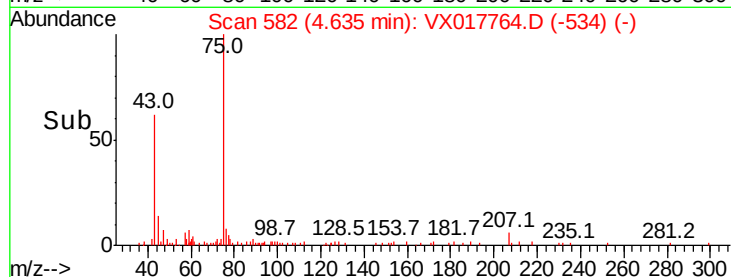
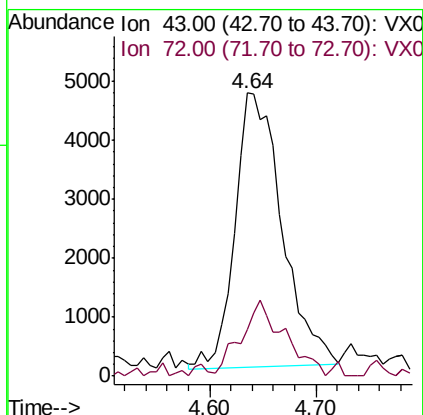
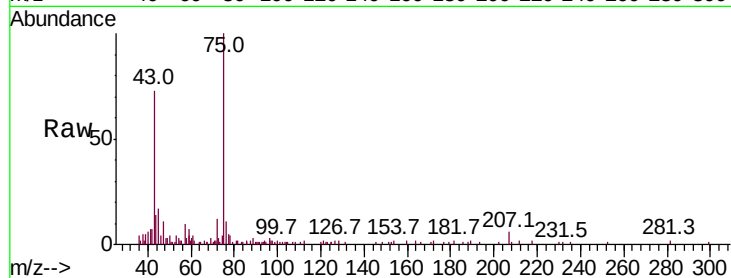
ClientSampled :

Tot Ion: 43 Resp: 14411

Ion Ratio Lower Upper

43 100

72 17.4 19.0 28.4#



#29

Tetrahydrofuran

Concen: 0.269 ug/l

RT: 5.10 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX017764.D

Acq: 04 Aug 2020 12:45

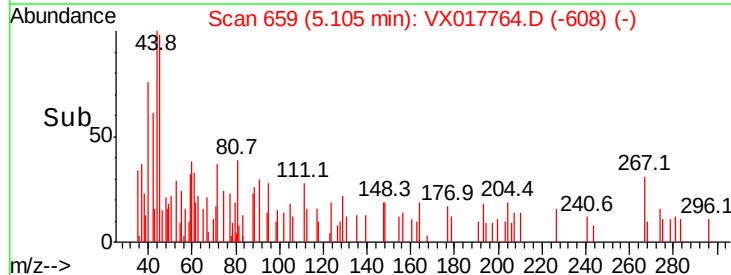
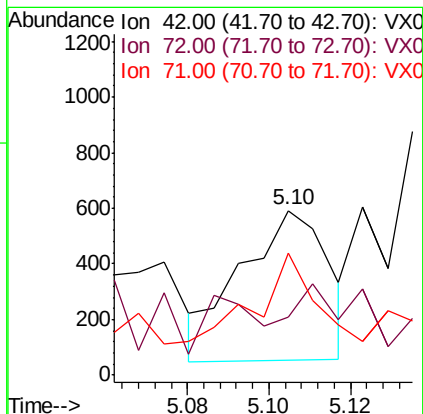
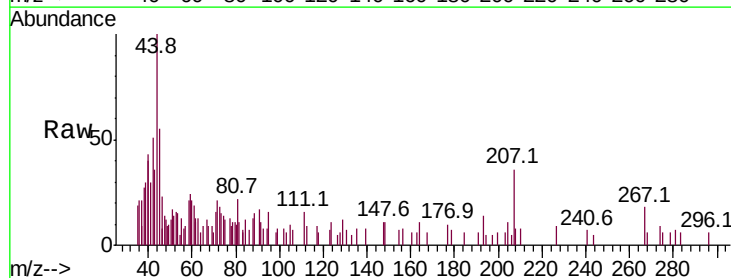
Tgt Ion: 42 Resp: 807

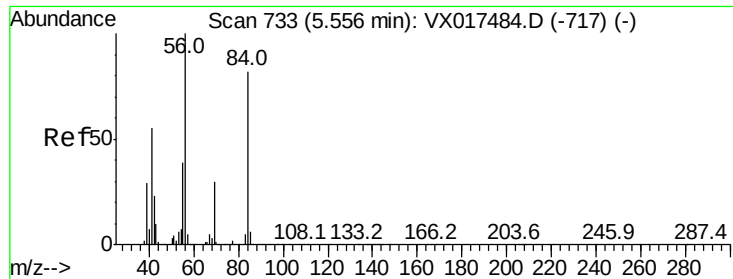
Ion Ratio Lower Upper

42 100

72 51.9 35.5 53.3

71 38.8 33.0 49.4





#31

Cyclohexane

Concen: 1.182 ug/l

RT: 5.62 min Scan# 744

Delta R.T. 0.07 min

Lab File: VX017764.D

Acq: 04 Aug 2020 12:45

Instrument :

MSVOA_X

ClientSampleId :

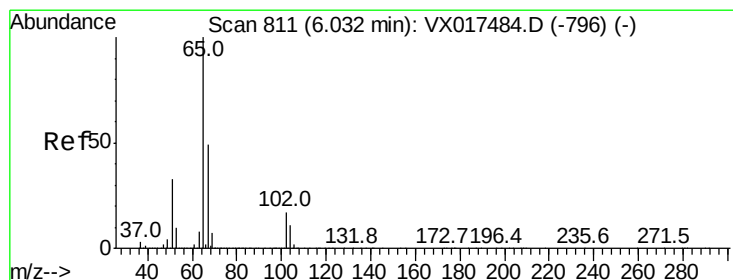
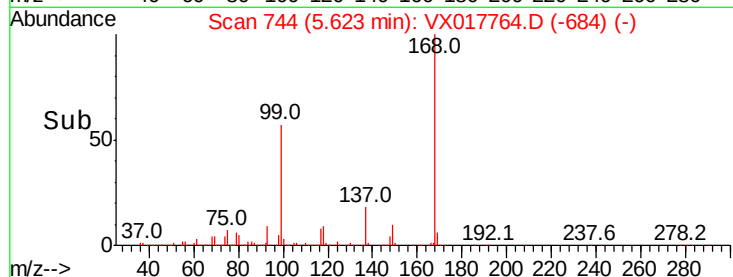
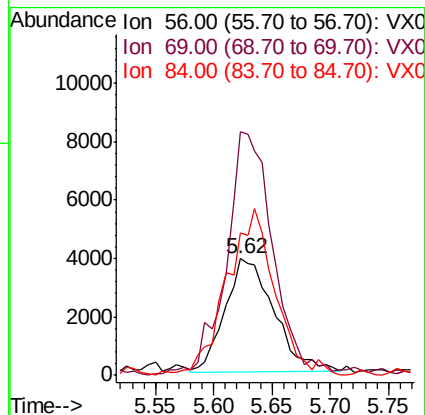
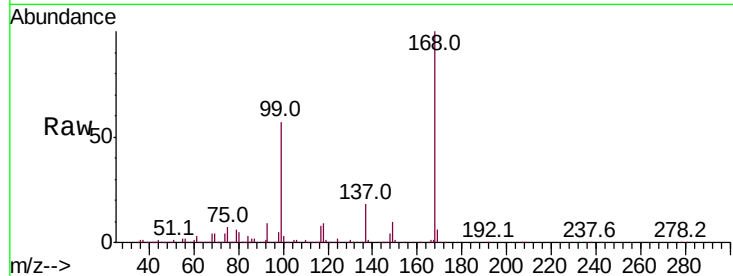
Tot Ion: 56 Resp: 11302

Ion Ratio Lower Upper

56 100

69 213.2 24.2 36.4#

84 125.5 69.0 103.6#



#33

1,2-Dichloroethane-d4

Concen: 50.682 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017764.D

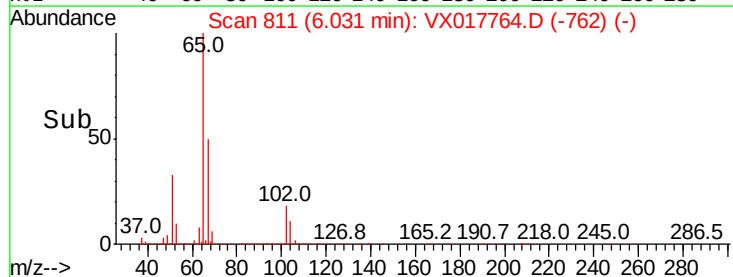
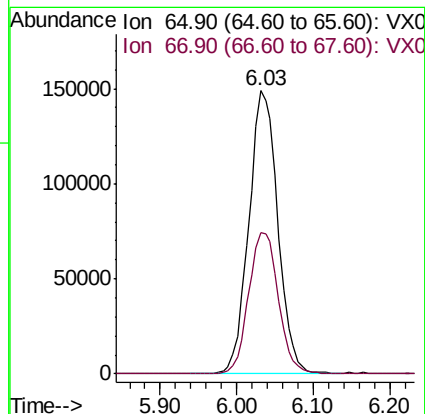
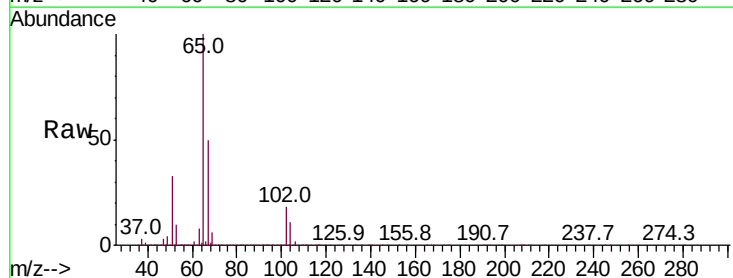
Acq: 04 Aug 2020 12:45

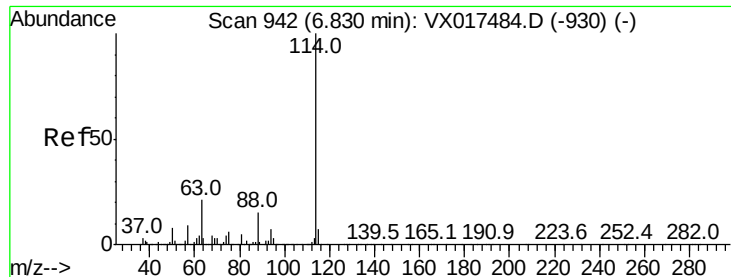
Tgt Ion: 65 Resp: 393097

Ion Ratio Lower Upper

65 100

67 51.2 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX017764.D

Acq: 04 Aug 2020 12:45

Instrument :

MSVOA_X

ClientSampleId :

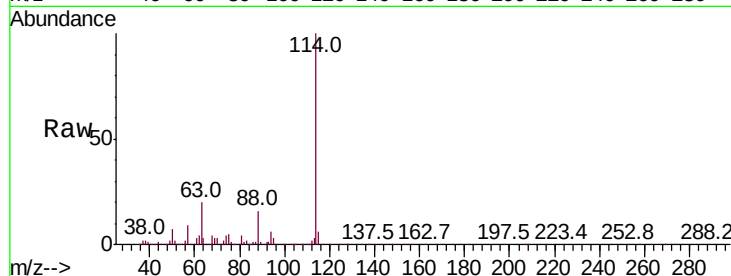
Tot Ion:114 Resp: 881336

Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.6

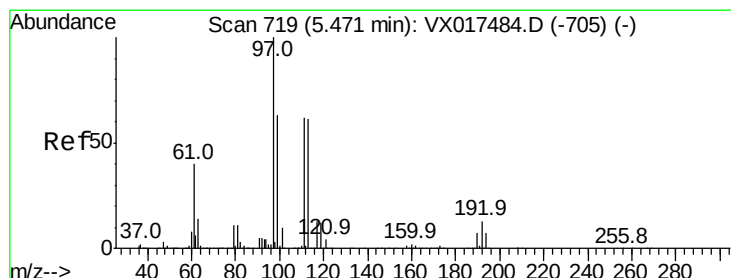
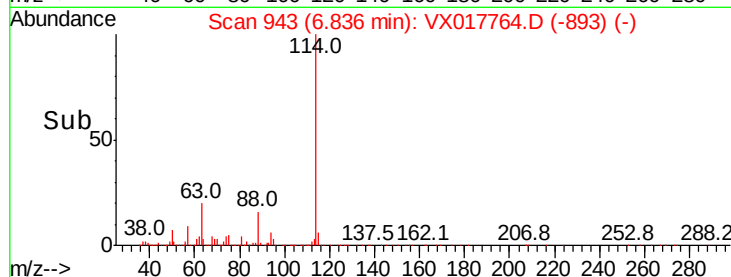
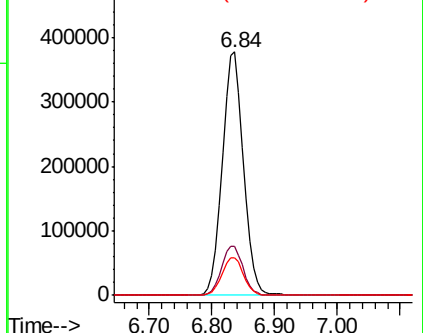
88 15.5 0.0 33.4



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: 50.950 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX017764.D

Acq: 04 Aug 2020 12:45

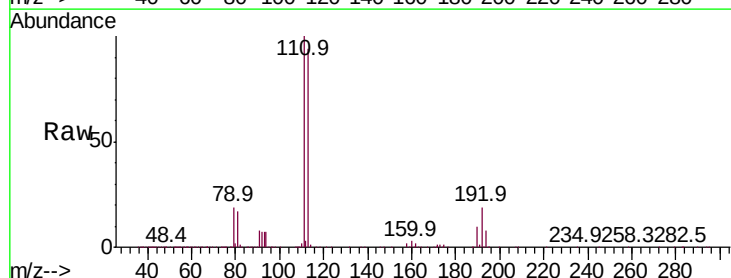
Tgt Ion:113 Resp: 300318

Ion Ratio Lower Upper

113 100

111 103.5 80.7 121.1

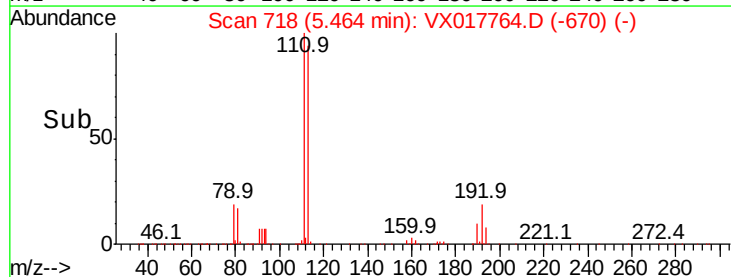
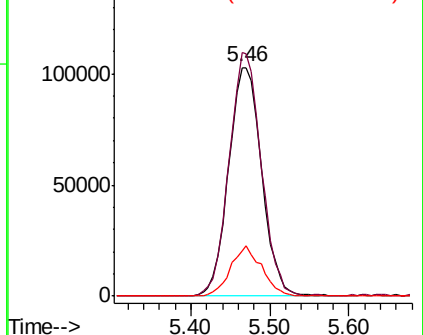
192 20.9 16.9 25.3

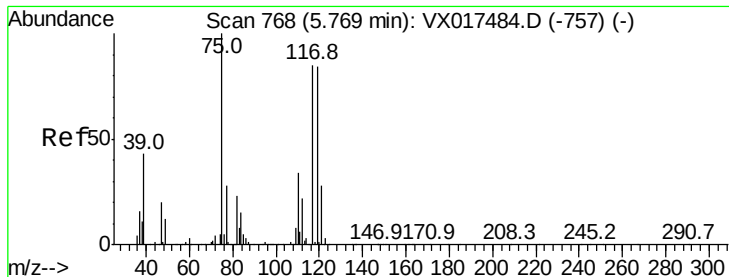


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.190 ug/l

RT: 5.63 min Scan# 745

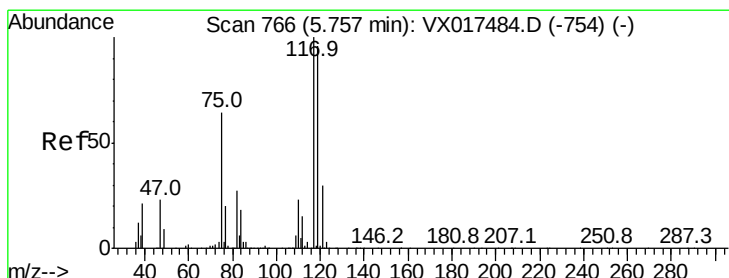
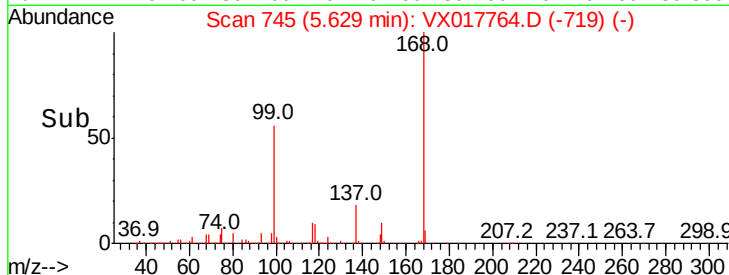
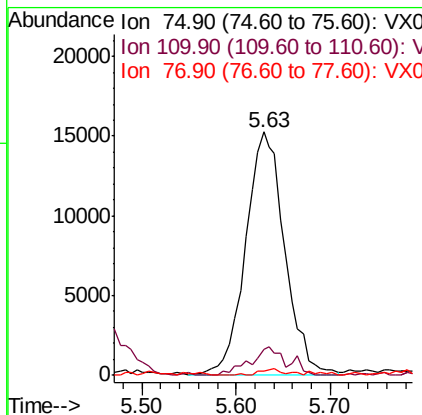
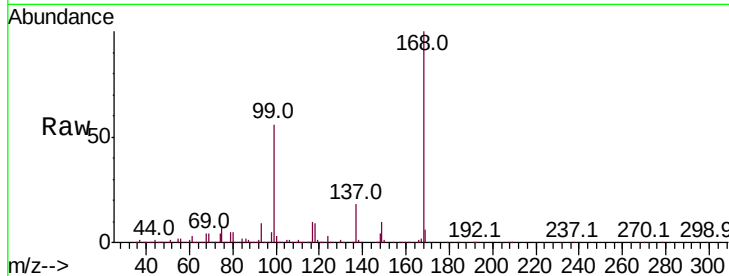
Delta R.T. -0.14 min

Lab File: VX017764.D

Acq: 04 Aug 2020 12:45

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	75	Resp:	43873
Ion	Ratio	Lower	Upper
75	100		
110	11.1	18.1	54.3#
77	1.9	24.6	37.0#



#38

Carbon Tetrachloride

Concen: 5.848 ug/l

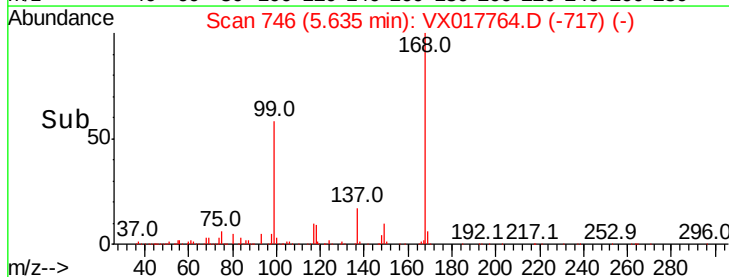
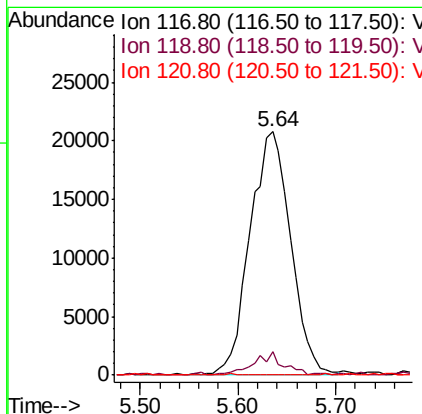
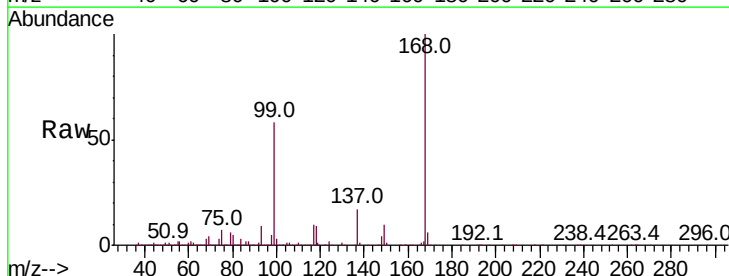
RT: 5.64 min Scan# 746

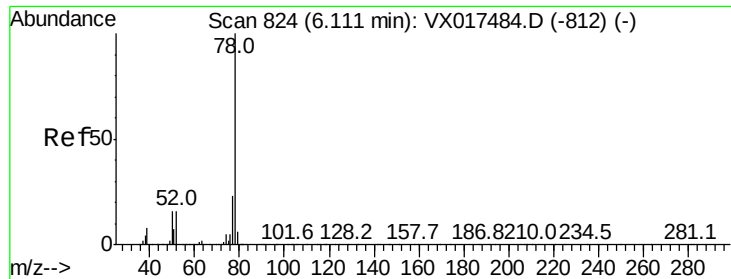
Delta R.T. -0.12 min

Lab File: VX017764.D

Acq: 04 Aug 2020 12:45

Tgt Ion:	117	Resp:	60025
Ion	Ratio	Lower	Upper
117	100		
119	9.6	75.4	113.0#
121	0.0	24.3	36.5#





#40

Benzene

Concen: 0.709 ug/l

RT: 6.12 min Scan# 825

Delta R.T. 0.01 min

Lab File: VX017764.D

Acq: 04 Aug 2020 12:45

Instrument :

MSVOA_X

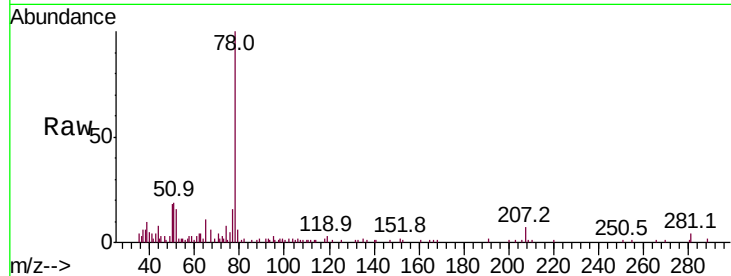
ClientSampleId :

Tot Ion: 78 Resp: 17187

Ion Ratio Lower Upper

78 100

77 15.6 19.4 29.2#



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

6.12

8000

6000

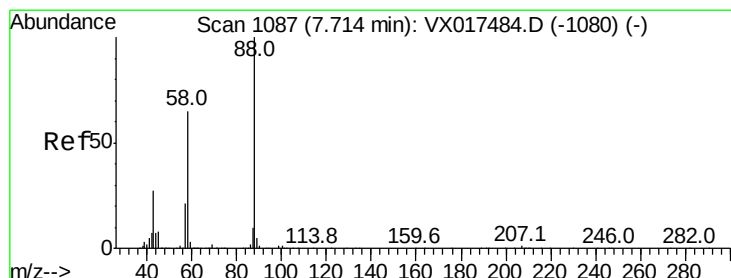
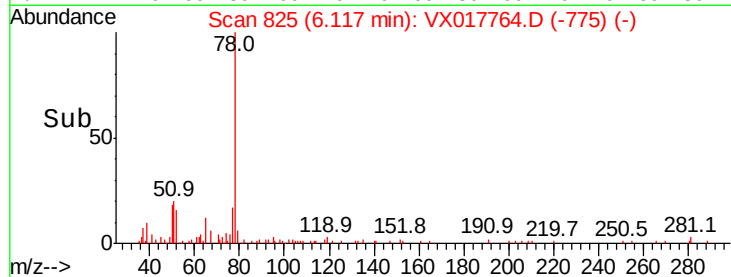
4000

2000

0

6.00 6.10 6.20

Time-->



#49

1,4-Dioxane

Concen: 11.674 ug/l

RT: 7.73 min Scan# 1089

Delta R.T. 0.01 min

Lab File: VX017764.D

Acq: 04 Aug 2020 12:45

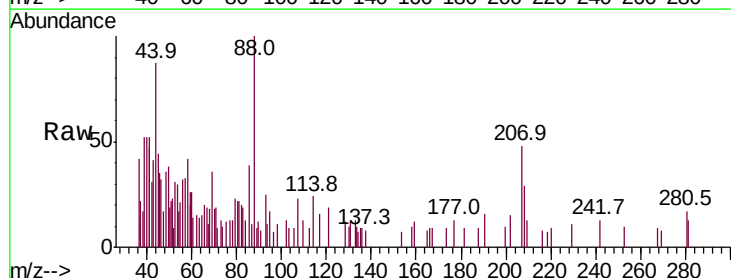
Tgt Ion: 88 Resp: 1693

Ion Ratio Lower Upper

88 100

43 73.1 27.8 41.6#

58 23.7 58.3 87.5#



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

1200

1000

800

600

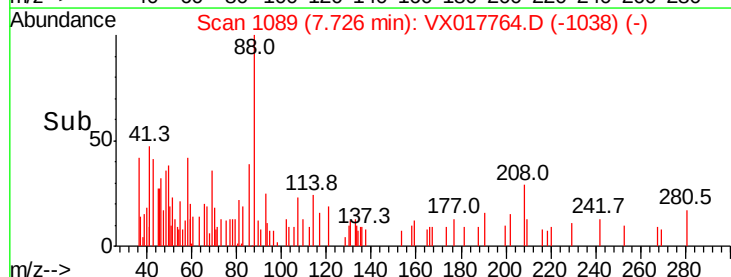
400

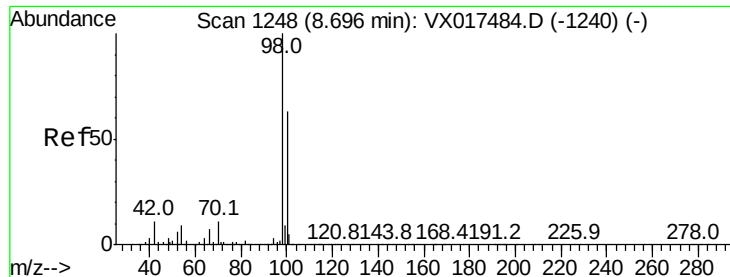
200

0

7.65 7.70 7.75 7.80

Time-->





#50

Toluene-d8

Concen: 49.189 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017764.D

Acq: 04 Aug 2020 12:45

Instrument :

MSVOA_X

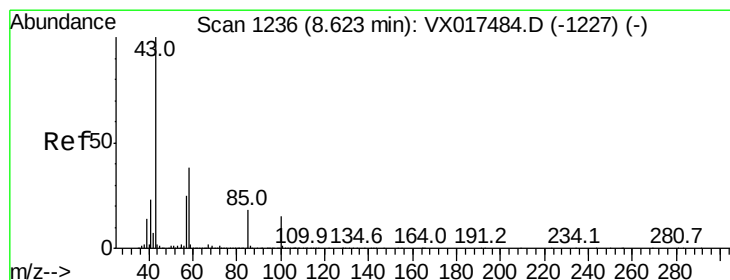
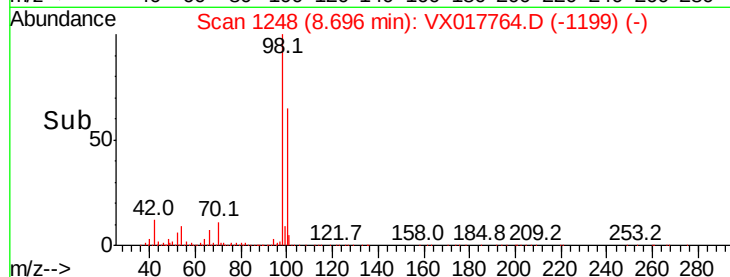
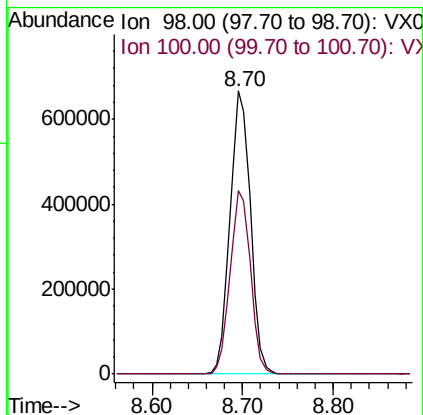
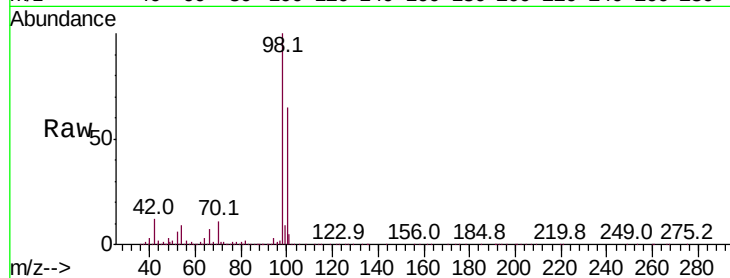
ClientSampleId :

Tot Ion: 98 Resp: 1045957

Ion Ratio Lower Upper

98 100

100 64.6 52.3 78.5



#51

4-Methyl-2-Pentanone

Concen: 0.221 ug/l

RT: 8.63 min Scan# 1237

Delta R.T. 0.01 min

Lab File: VX017764.D

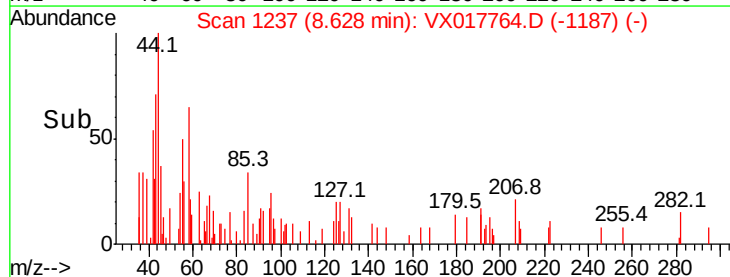
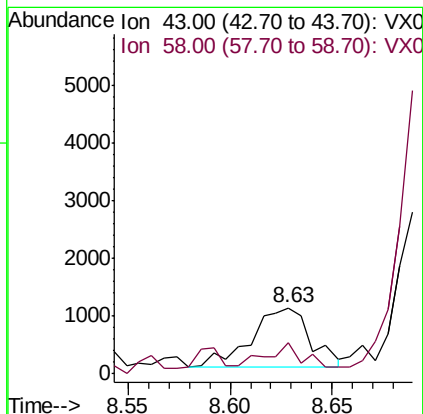
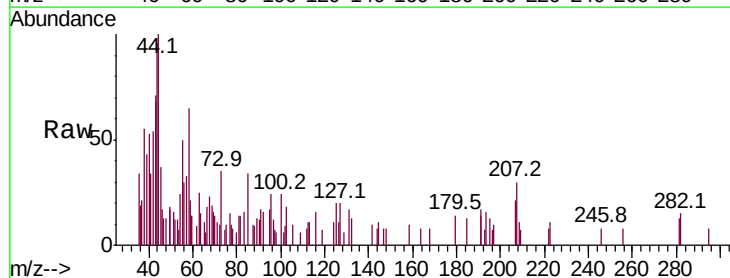
Acq: 04 Aug 2020 12:45

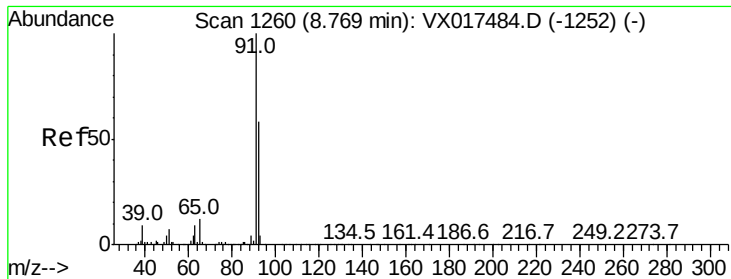
Tgt Ion: 43 Resp: 2008

Ion Ratio Lower Upper

43 100

58 39.4 31.0 46.4





#52

Toluene

Concen: 3.699 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX017764.D

Acq: 04 Aug 2020 12:45

Instrument :

MSVOA_X

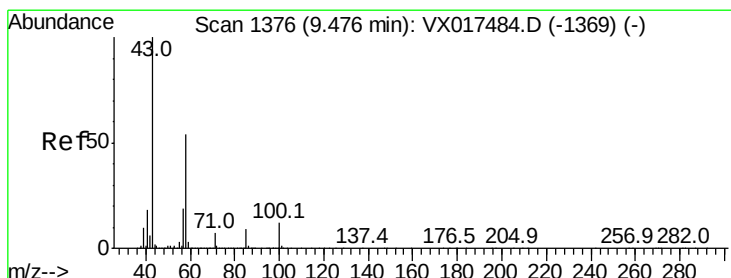
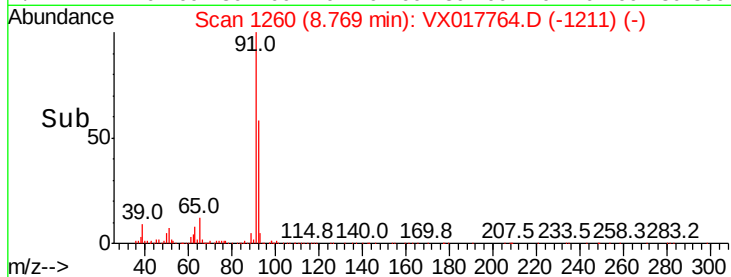
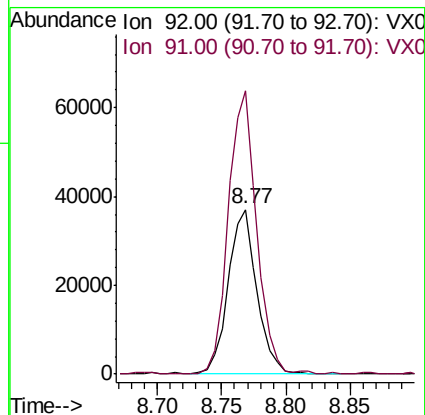
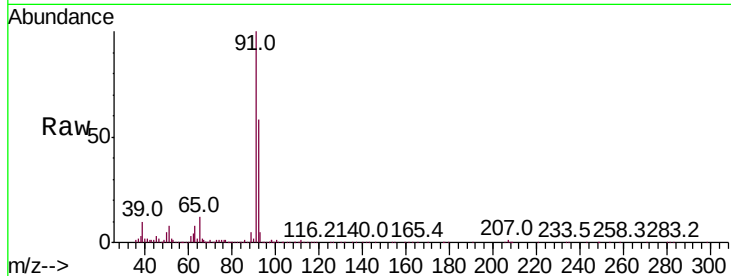
ClientSampleId :

Tot Ion: 92 Resp: 57491

Ion Ratio Lower Upper

92 100

91 170.0 137.6 206.4



#59

2-Hexanone

Concen: 0.262 ug/l

RT: 9.48 min Scan# 1377

Delta R.T. 0.01 min

Lab File: VX017764.D

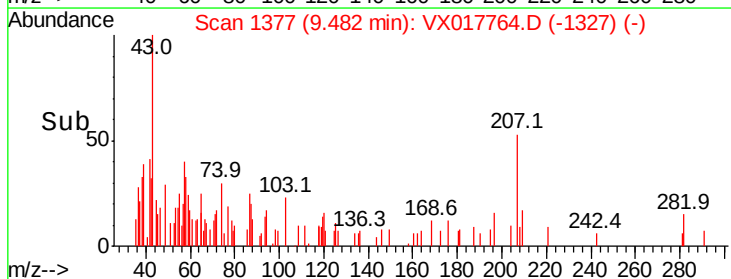
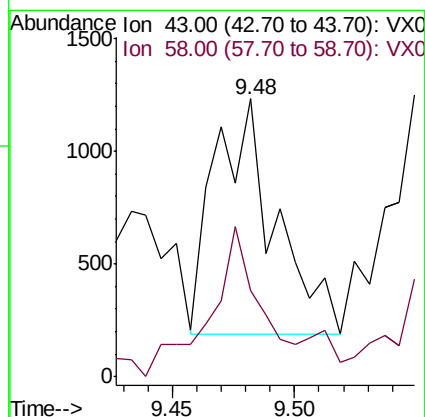
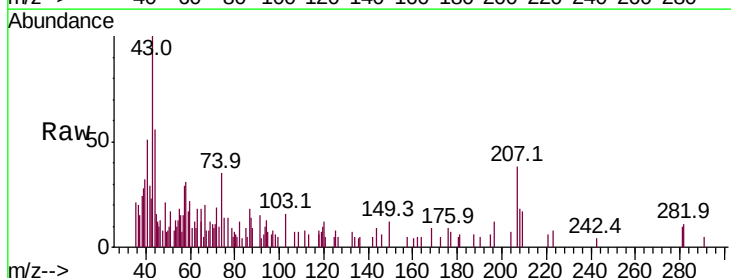
Acq: 04 Aug 2020 12:45

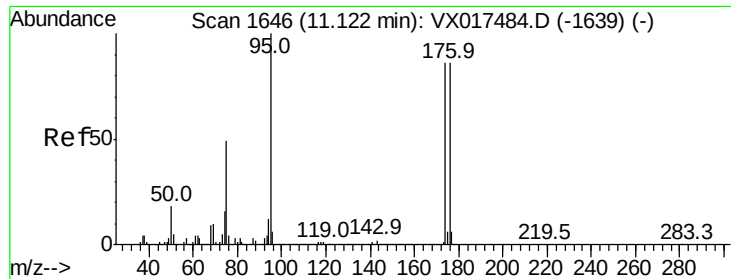
Tgt Ion: 43 Resp: 1798

Ion Ratio Lower Upper

43 100

58 53.6 26.6 79.8





#62

4-Bromofluorobenzene

Concen: 49.140 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017764.D

Acq: 04 Aug 2020 12:45

Instrument :

MSVOA_X

ClientSampled :

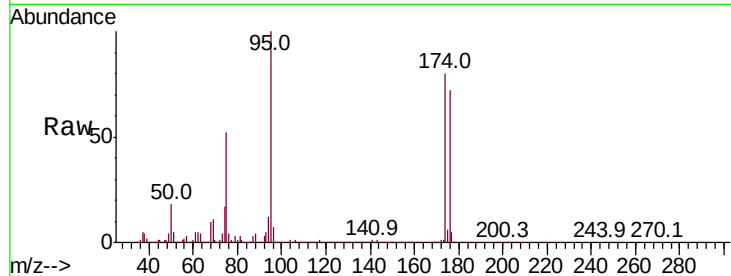
Tot Ion: 95 Resp: 418174

Ion Ratio Lower Upper

95 100

174 83.1 0.0 169.0

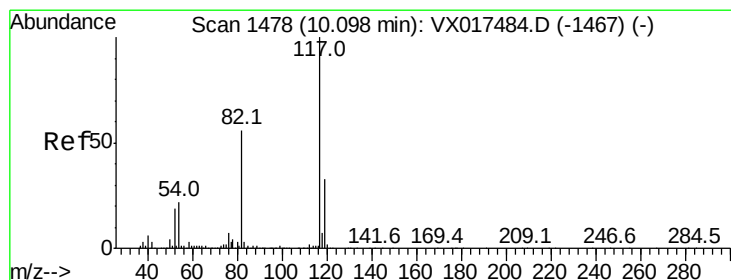
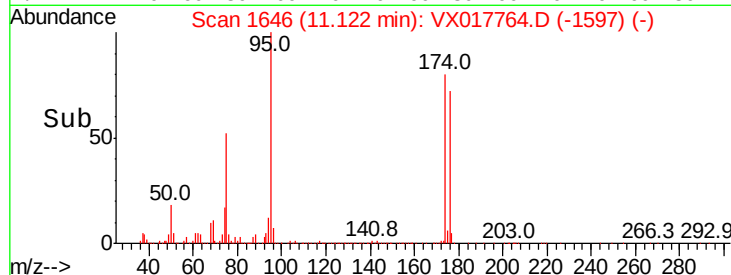
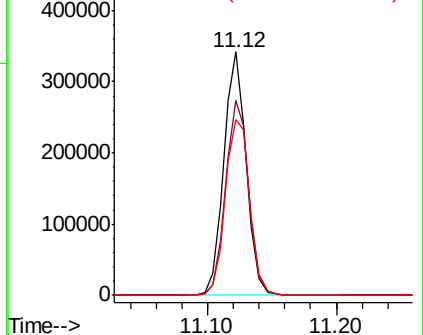
176 78.6 0.0 161.0



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: VX017764.D

Acq: 04 Aug 2020 12:45

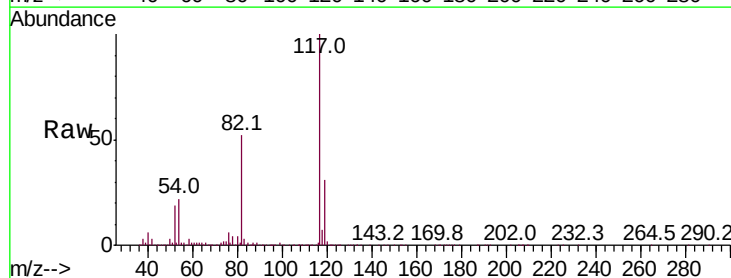
Tgt Ion: 117 Resp: 844389

Ion Ratio Lower Upper

117 100

82 52.3 44.0 66.0

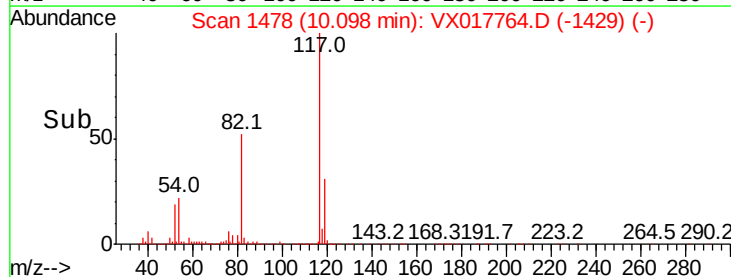
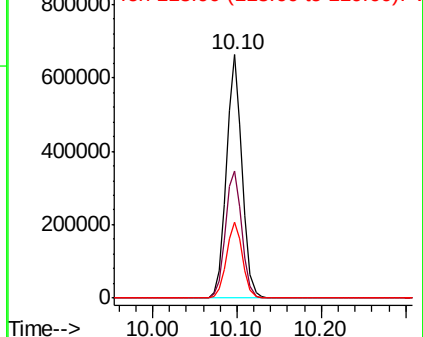
119 31.3 25.4 38.0

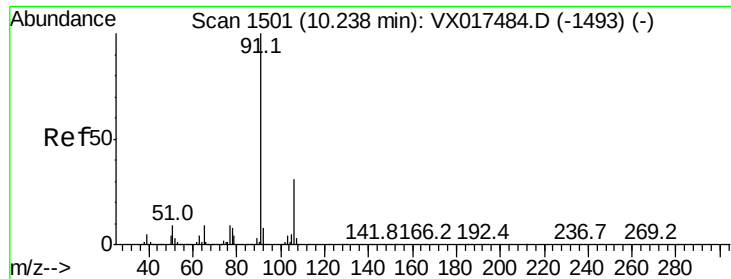


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

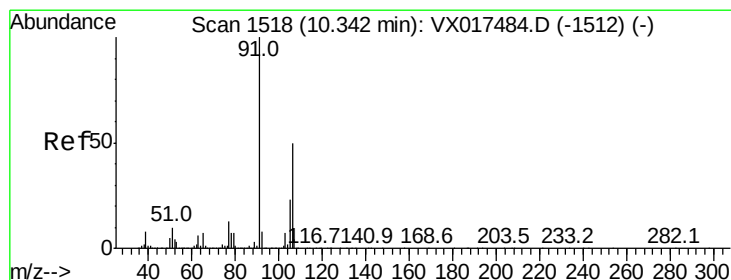
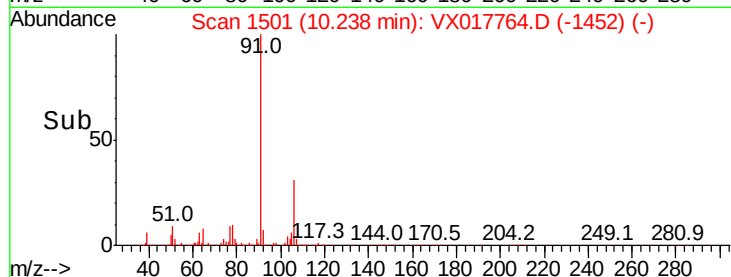
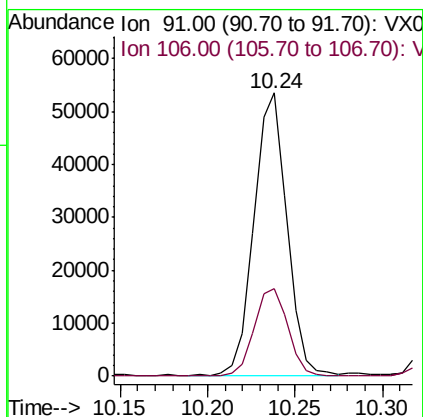
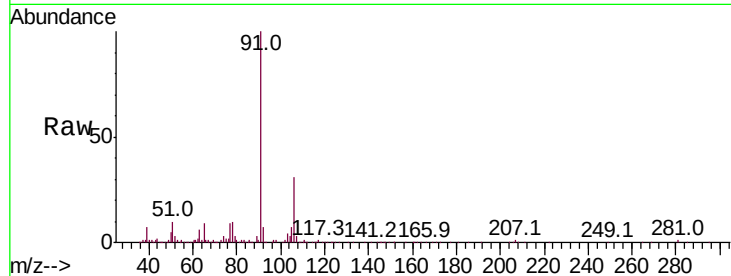




#67
Ethyl Benzene
Concen: 2.290 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX017764.D
Acq: 04 Aug 2020 12:45

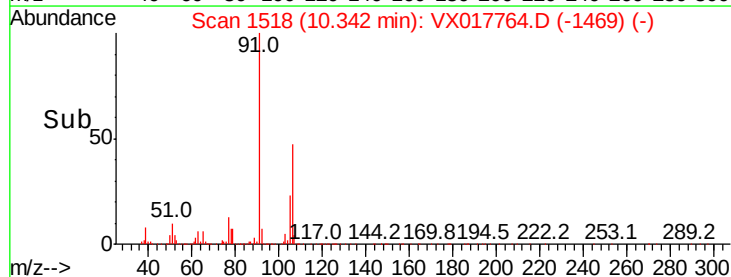
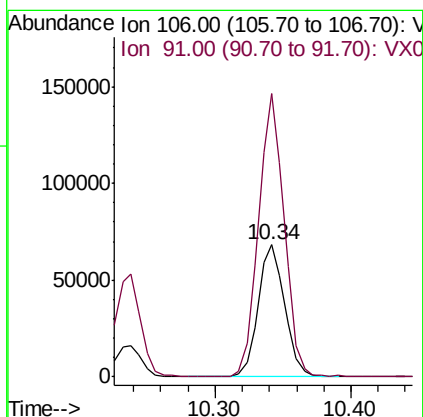
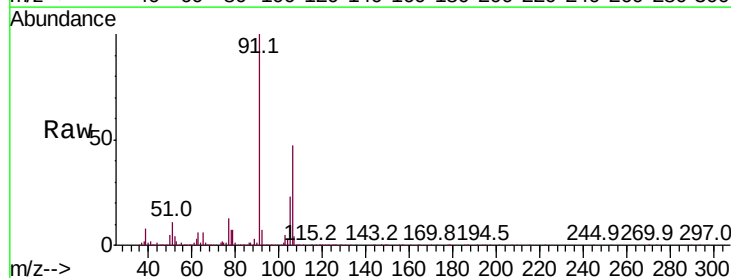
Instrument :
MSVOA_X
ClientSampled :

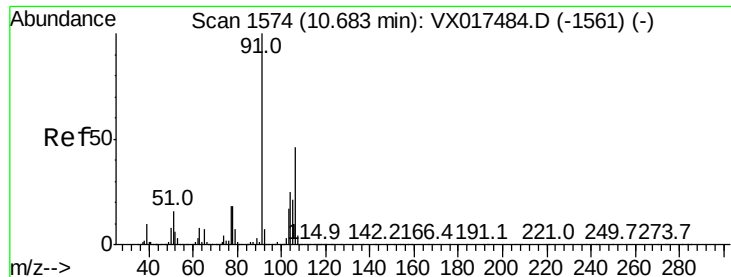
Tot Ion: 91 Resp: 69878
Ion Ratio Lower Upper
91 100
106 30.7 25.8 38.6



#68
m/p-Xylenes
Concen: 7.901 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017764.D
Acq: 04 Aug 2020 12:45

Tgt Ion: 106 Resp: 93382
Ion Ratio Lower Upper
106 100
91 207.1 160.9 241.3

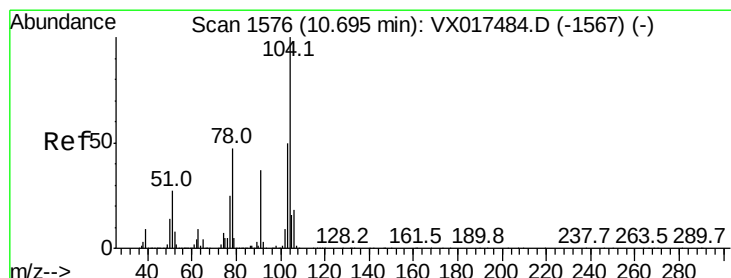
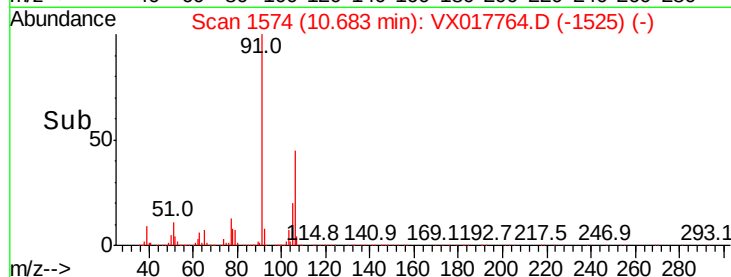
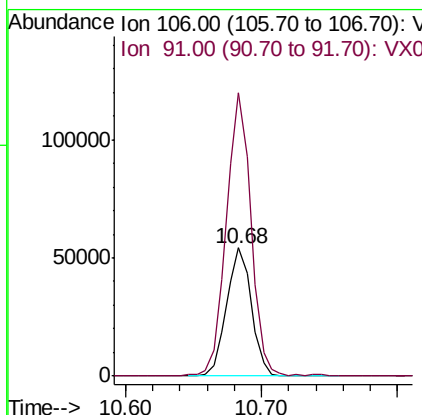
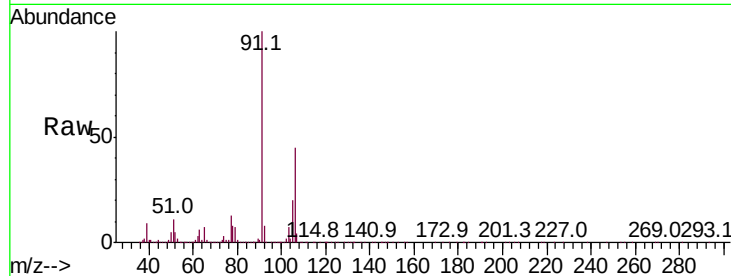




#69
o-Xylene
Concen: 6.091 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017764.D
Acq: 04 Aug 2020 12:45

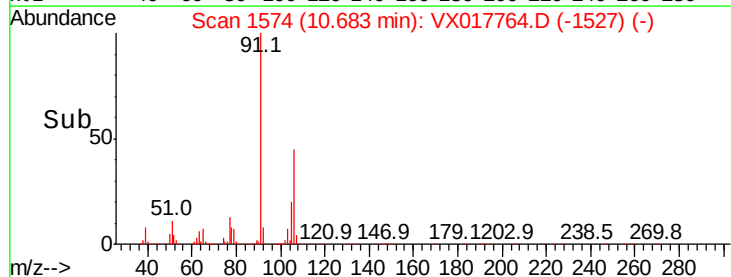
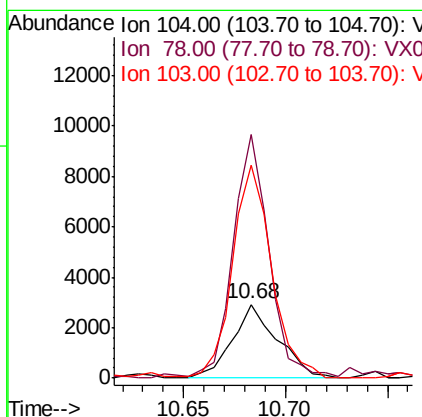
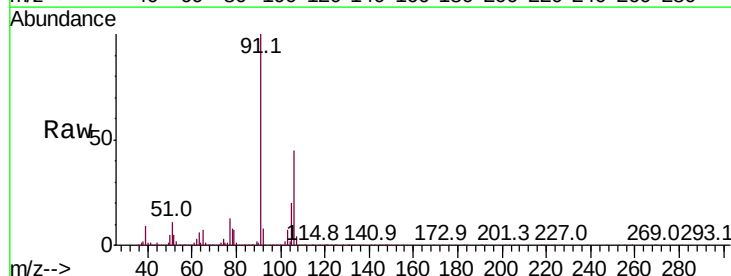
Instrument :
MSVOA_X
ClientSampled :

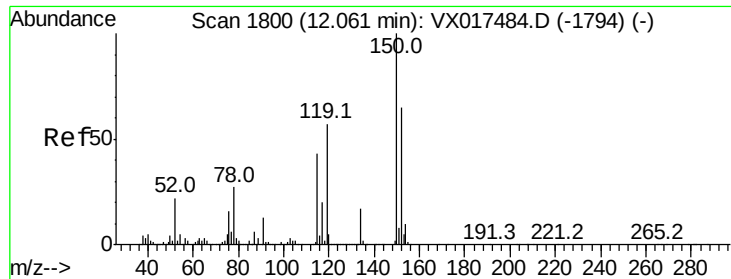
Tot Ion:106 Resp: 69241
Ion Ratio Lower Upper
106 100
91 215.5 108.2 324.6



#70
Styrene
Concen: 0.232 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.01 min
Lab File: VX017764.D
Acq: 04 Aug 2020 12:45

Tgt Ion:104 Resp: 4482
Ion Ratio Lower Upper
104 100
78 265.3 42.5 63.7#
103 250.2 44.3 66.5#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017764.D

Acq: 04 Aug 2020 12:45

Instrument :

MSVOA_X

ClientSampleId :

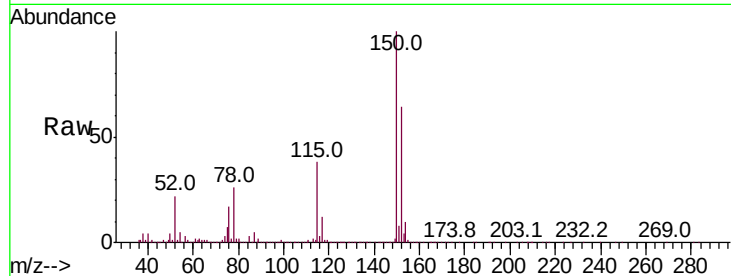
Tot Ion:152 Resp: 440017

Ion Ratio Lower Upper

152 100

115 57.2 65.5 196.6#

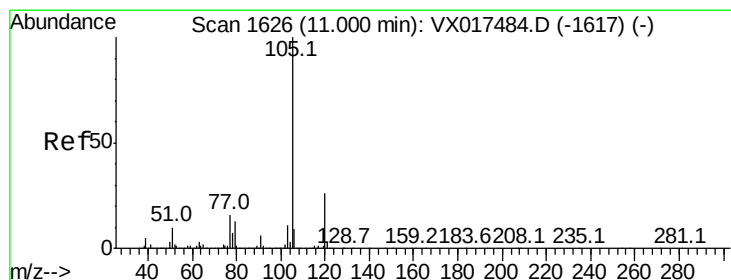
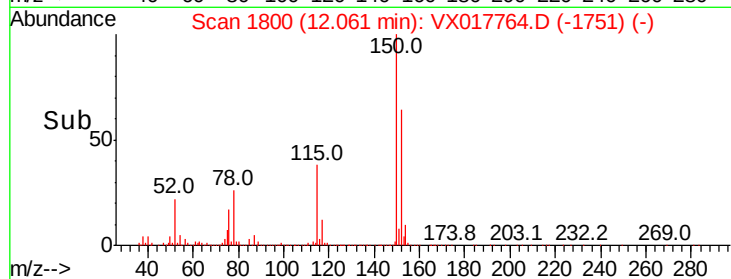
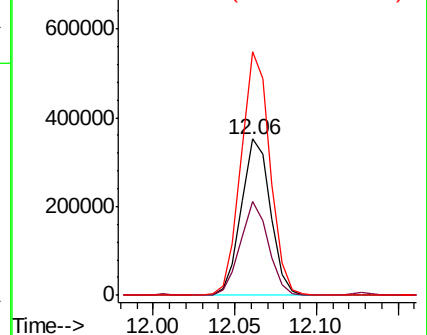
150 153.6 0.0 412.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 0.858 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017764.D

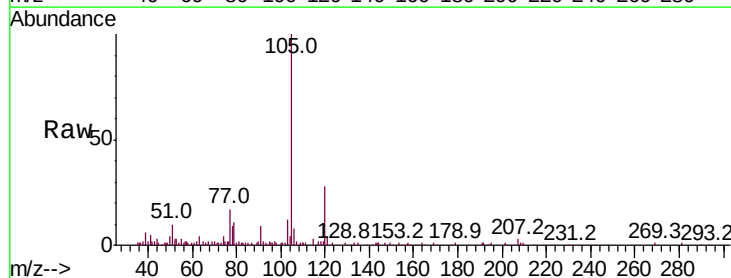
Acq: 04 Aug 2020 12:45

Tgt Ion:105 Resp: 25904

Ion Ratio Lower Upper

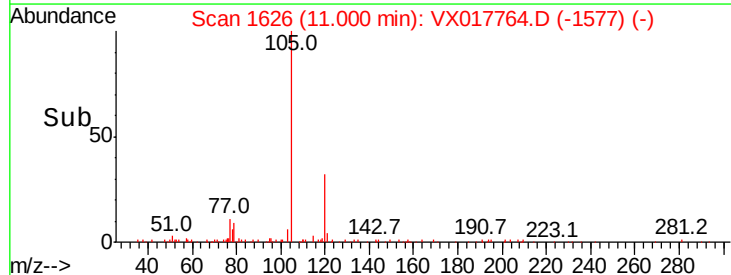
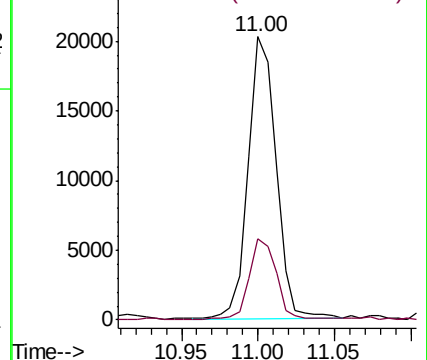
105 100

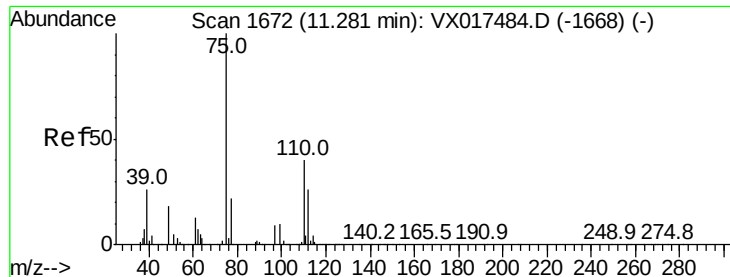
120 27.8 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#76

1,2,3-Trichloropropane

Concen: 24.382 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX017764.D

Acq: 04 Aug 2020 12:45

Instrument :

MSVOA_X

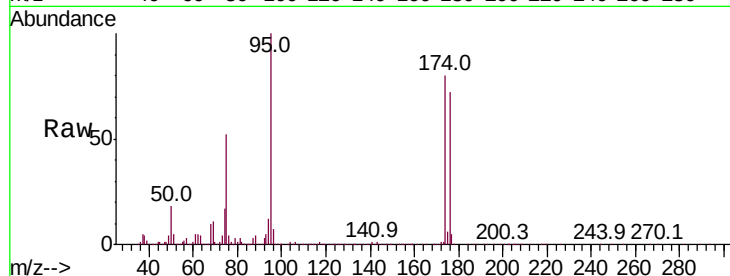
ClientSampleId :

Tot Ion: 75 Resp: 220691

Ion Ratio Lower Upper

75 100

77 1.2 21.8 65.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

11.12

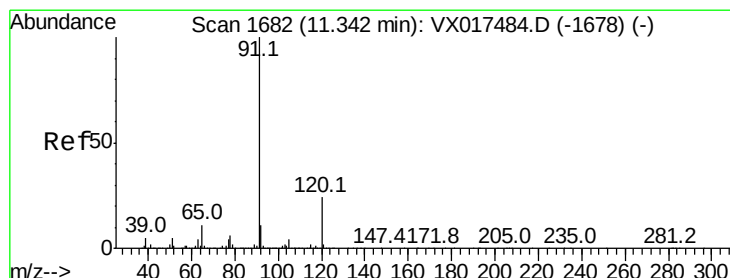
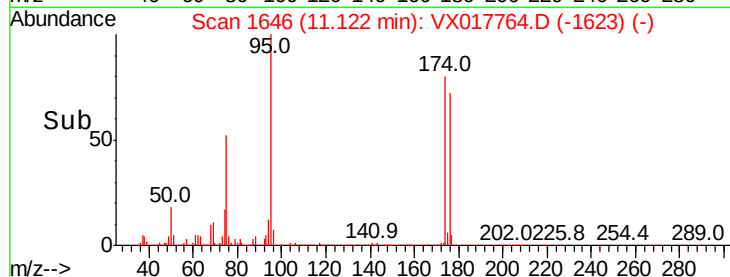
150000

100000

50000

0

Time--> 11.05 11.10 11.15 11.20



#78

n-propylbenzene

Concen: 2.551 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017764.D

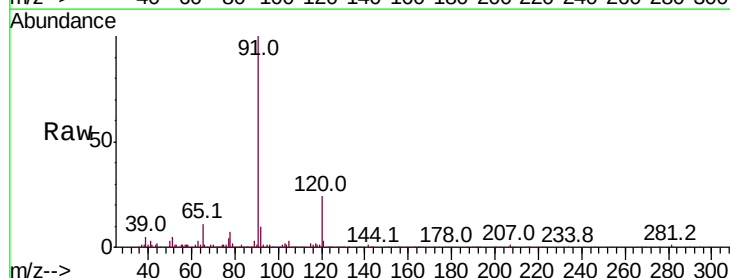
Acq: 04 Aug 2020 12:45

Tgt Ion: 91 Resp: 86857

Ion Ratio Lower Upper

91 100

120 23.6 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

11.34

80000

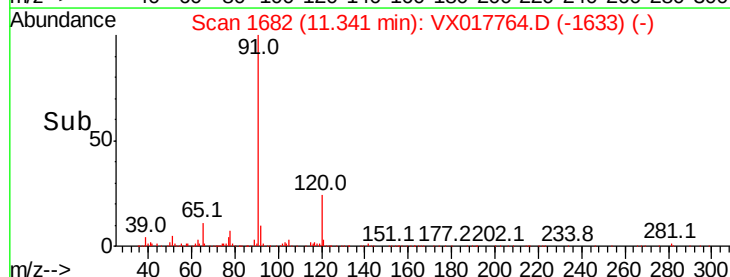
60000

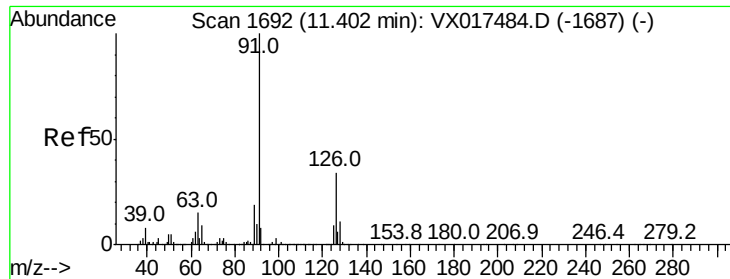
40000

20000

0

Time--> 11.30 11.35 11.40

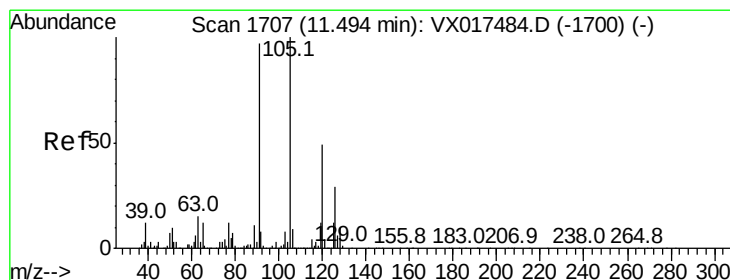
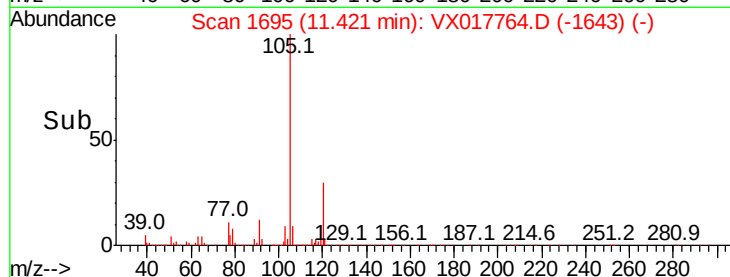
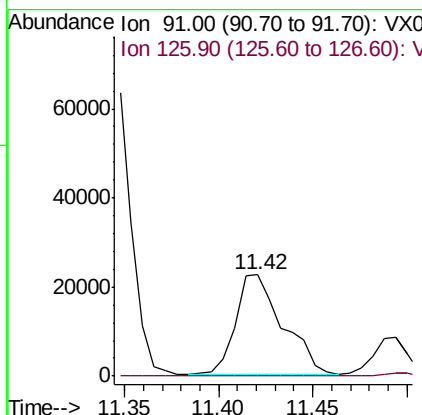
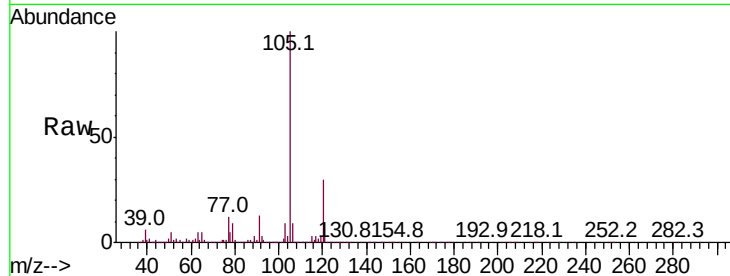




#79
2-Chlorotoluene
Concen: 1.867 ug/l
RT: 11.42 min Scan# 1695
Delta R.T. 0.02 min
Lab File: VX017764.D
Acq: 04 Aug 2020 12:45

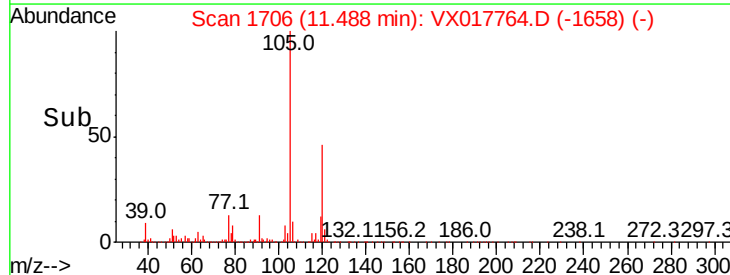
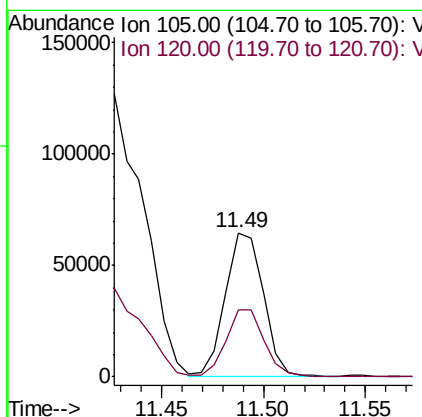
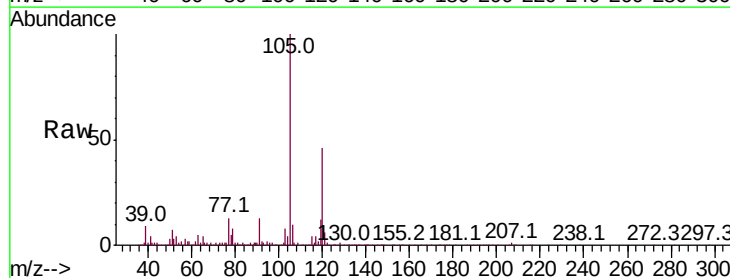
Instrument :
MSVOA_X
ClientSampleId :

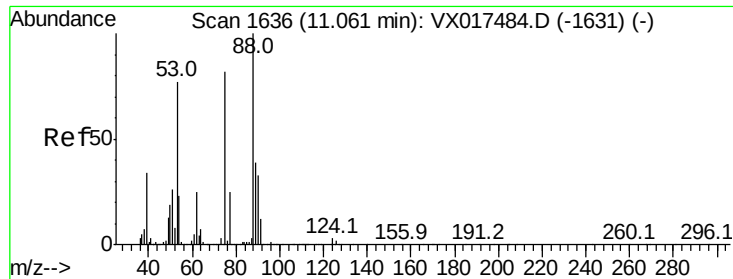
Tot Ion: 91 Resp: 39373
Ion Ratio Lower Upper
91 100
126 1.0 17.5 52.5#



#80
1,3,5-Trimethylbenzene
Concen: 3.231 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VX017764.D
Acq: 04 Aug 2020 12:45

Tgt Ion: 105 Resp: 83267
Ion Ratio Lower Upper
105 100
120 46.5 24.1 72.3

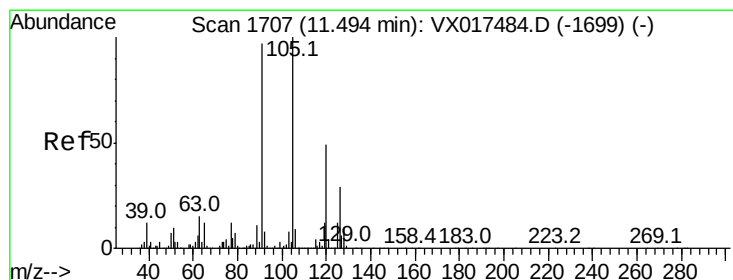
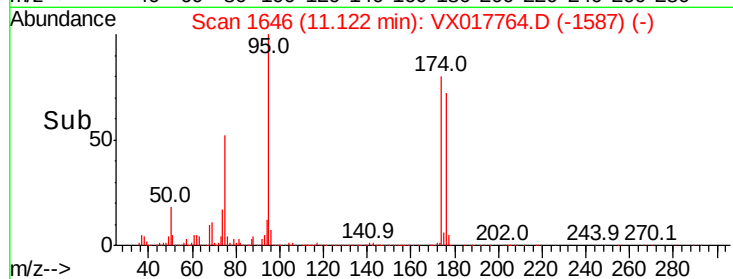
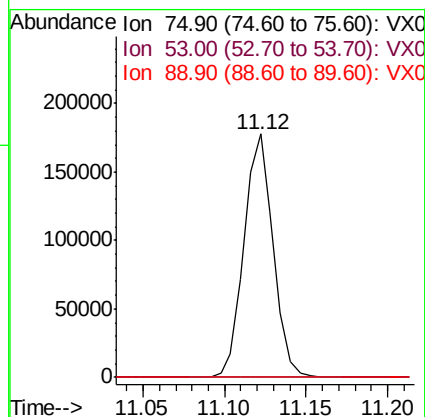
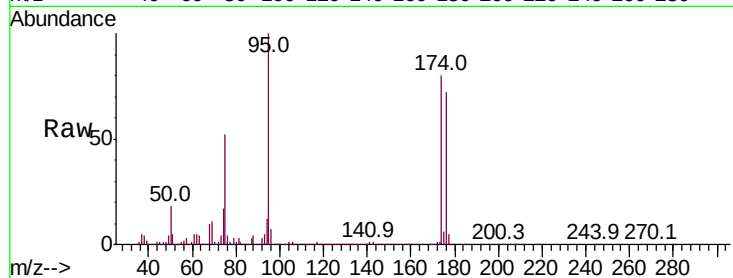




#81
trans-1,4-Dichloro-2-butene
Concen: 61.437 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.06 min
Lab File: VX017764.D
Acq: 04 Aug 2020 12:45

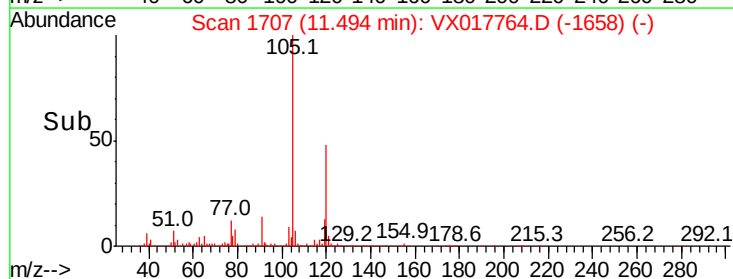
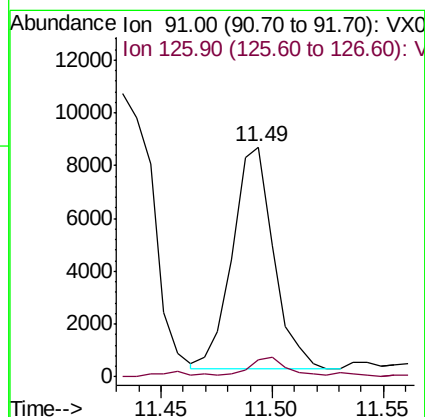
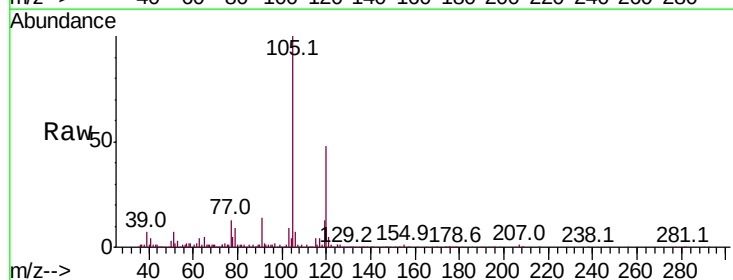
Instrument :
MSVOA_X
ClientSampleId :

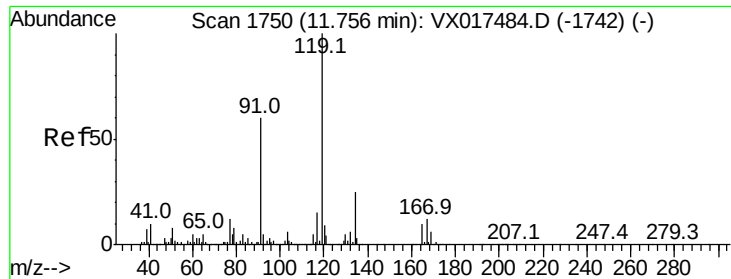
Tot Ion: 75 Resp: 220691
Ion Ratio Lower Upper
75 100
53 0.2 75.9 113.9#
89 0.1 37.8 56.6#



#82
4-Chlorotoluene
Concen: 0.437 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017764.D
Acq: 04 Aug 2020 12:45

Tgt Ion: 91 Resp: 10862
Ion Ratio Lower Upper
91 100
126 8.1 15.2 45.6#





#83

tert-Butylbenzene

Concen: 1.927 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.04 min

Lab File: VX017764.D

Acq: 04 Aug 2020 12:45

Instrument :

MSVOA_X

ClientSampleId :

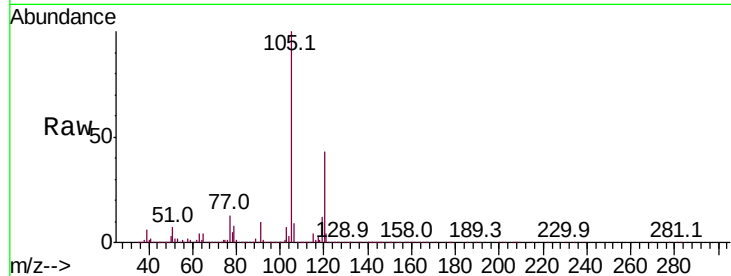
Tot Ion:119 Resp: 47527

Ion Ratio Lower Upper

119 100

91 87.5 29.3 88.0

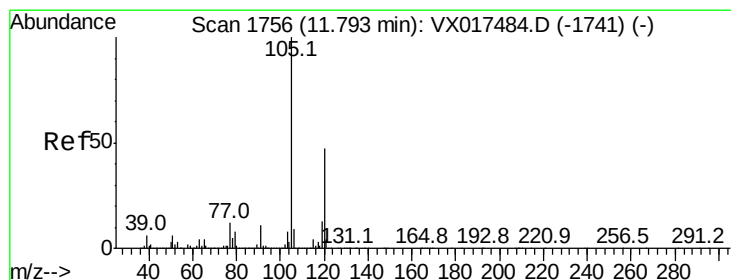
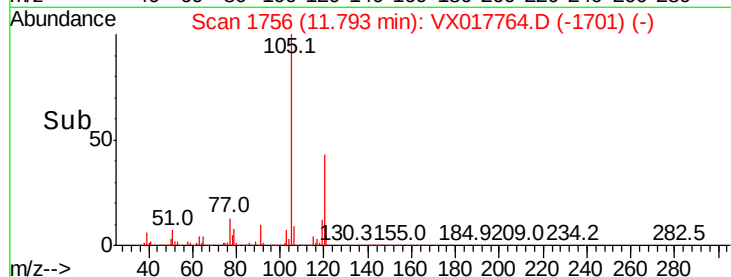
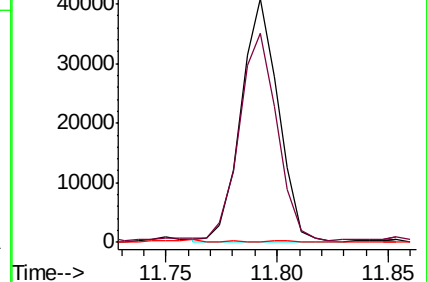
134 0.6 11.2 33.6#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 14.938 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX017764.D

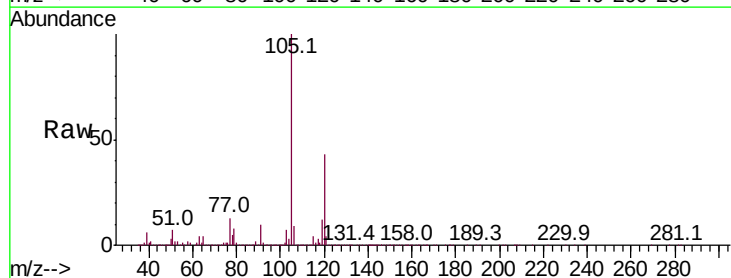
Acq: 04 Aug 2020 12:45

Tgt Ion:105 Resp: 382926

Ion Ratio Lower Upper

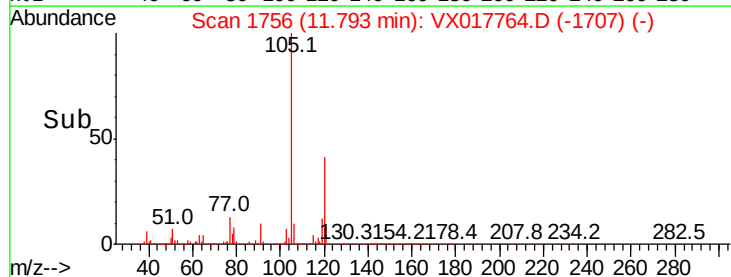
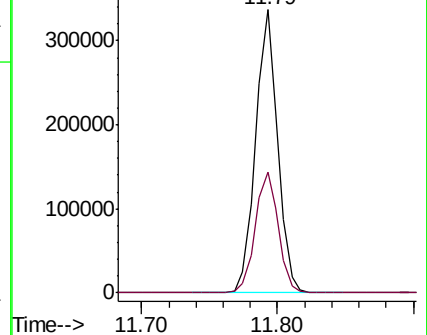
105 100

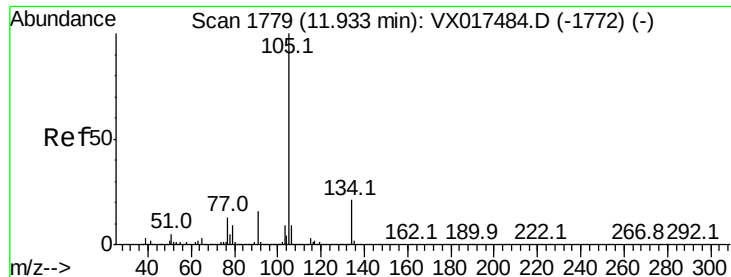
120 44.7 22.7 68.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

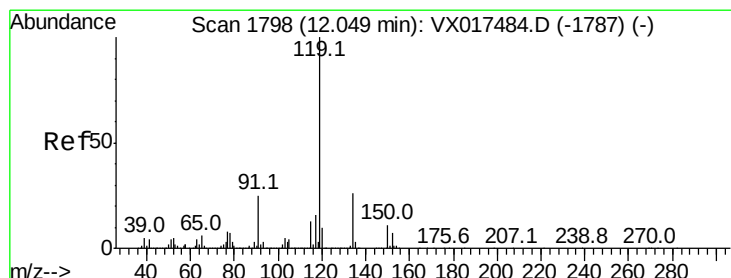
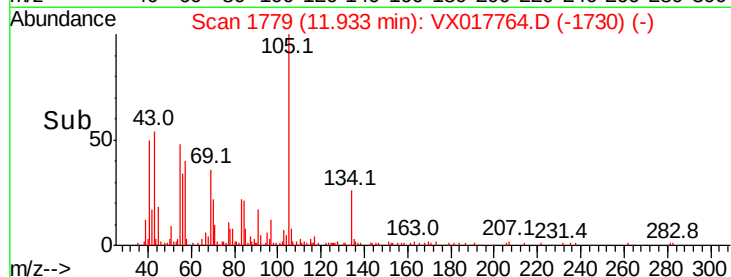
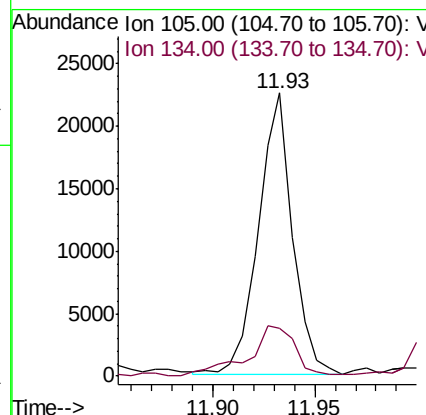
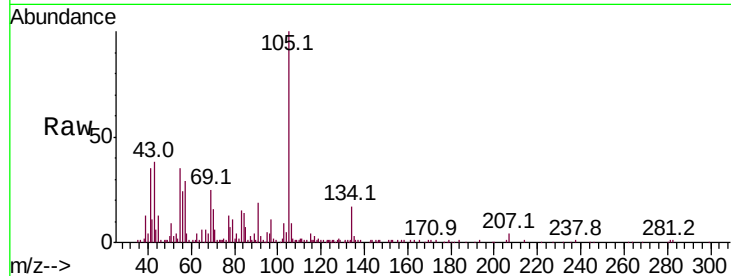




#85
 sec-Butylbenzene
 Concen: 0.909 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX017764.D
 Acq: 04 Aug 2020 12:45

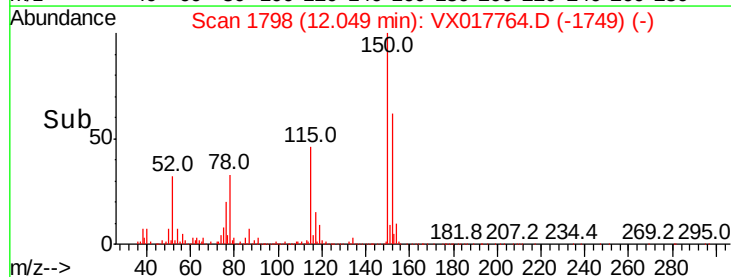
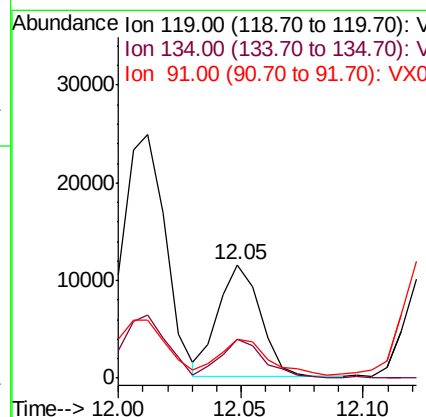
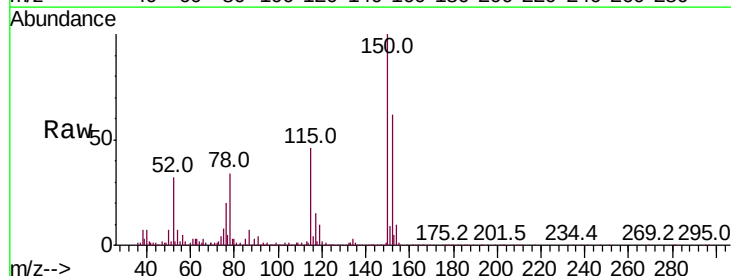
Instrument :
 MSVOA_X
 ClientSampled :

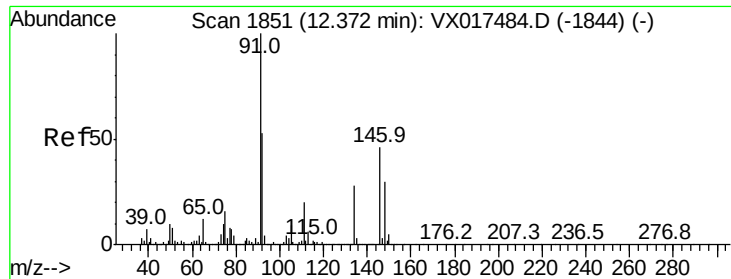
Tot Ion:105 Resp: 26119
 Ion Ratio Lower Upper
 105 100
 134 25.2 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 0.506 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017764.D
 Acq: 04 Aug 2020 12:45

Tgt Ion:119 Resp: 13835
 Ion Ratio Lower Upper
 119 100
 134 37.0 13.1 39.3
 91 35.5 12.1 36.3

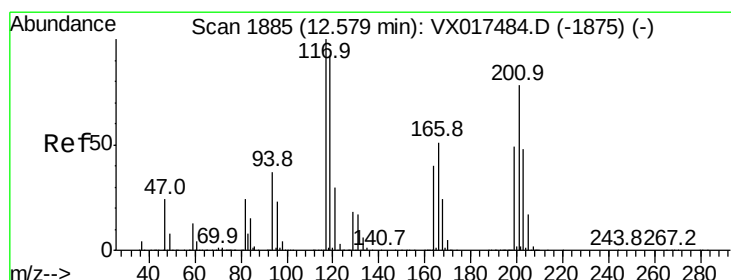
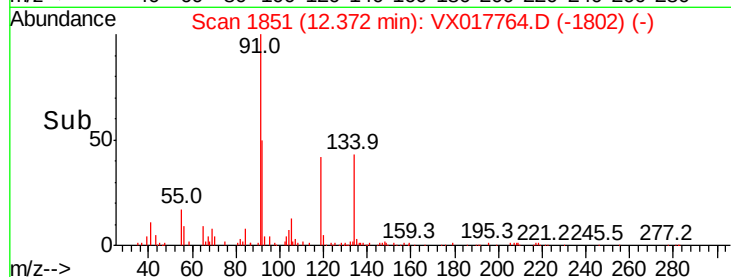
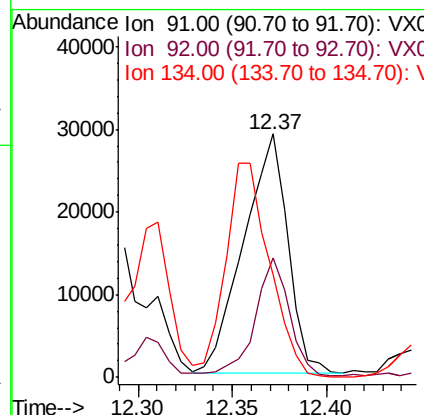
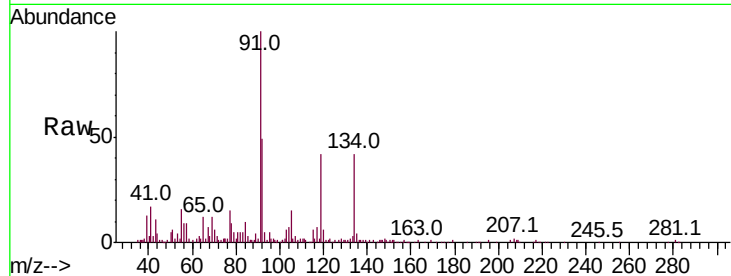




#89
n-Butylbenzene
Concen: 1.934 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017764.D
Acq: 04 Aug 2020 12:45

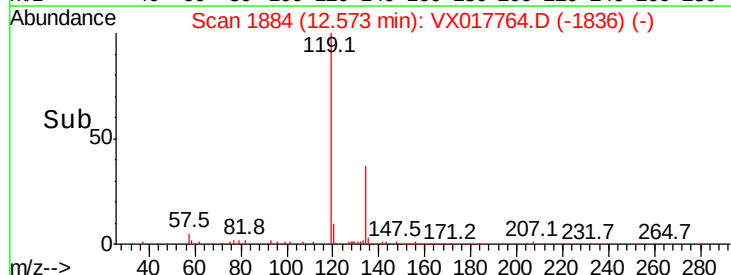
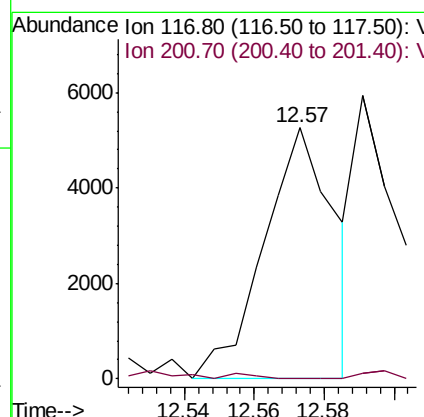
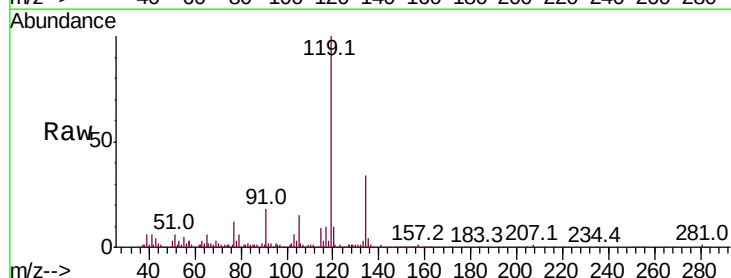
Instrument :
MSVOA_X
ClientSampled :

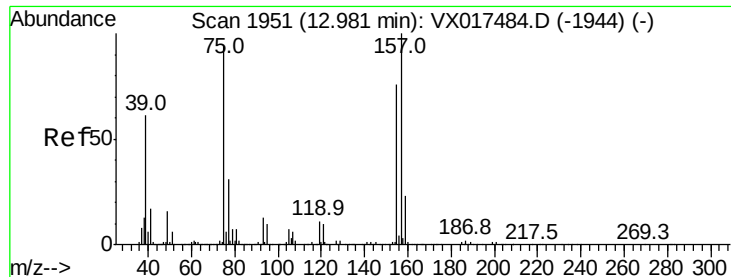
Tot Ion: 91 Resp: 47135
Ion Ratio Lower Upper
91 100
92 37.8 26.7 80.1
134 89.2 13.6 40.7#



#90
Hexachloroethane
Concen: 1.359 ug/l
RT: 12.57 min Scan# 1884
Delta R.T. -0.01 min
Lab File: VX017764.D
Acq: 04 Aug 2020 12:45

Tgt Ion: 117 Resp: 7332
Ion Ratio Lower Upper
117 100
201 0.9 42.2 126.6#





#92

1,2-Dibromo-3-Chloropropane

Concen: 2.893 ug/l

RT: 13.07 min Scan# 1965

Delta R.T. 0.09 min

Lab File: VX017764.D

Acq: 04 Aug 2020 12:45

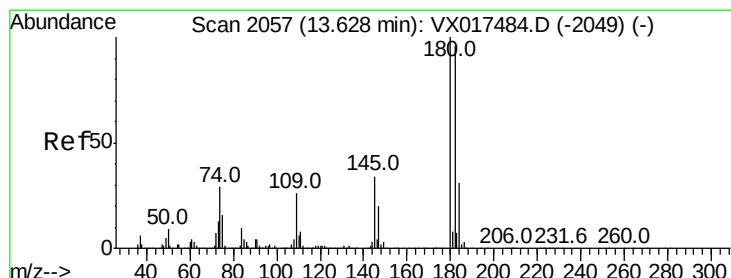
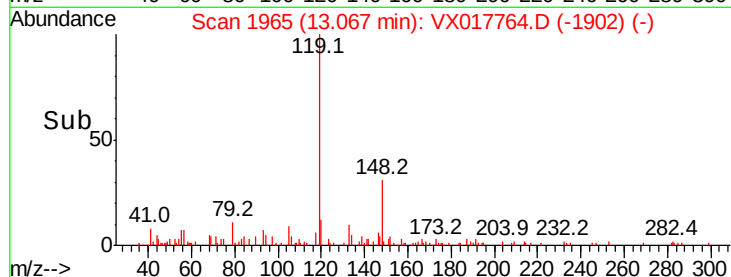
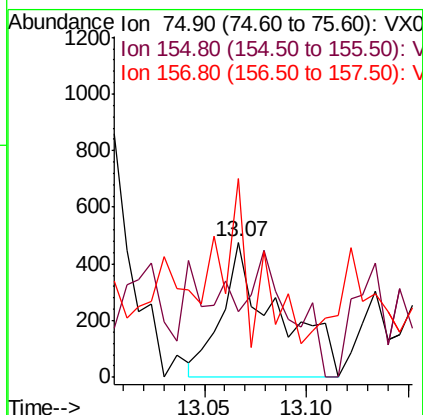
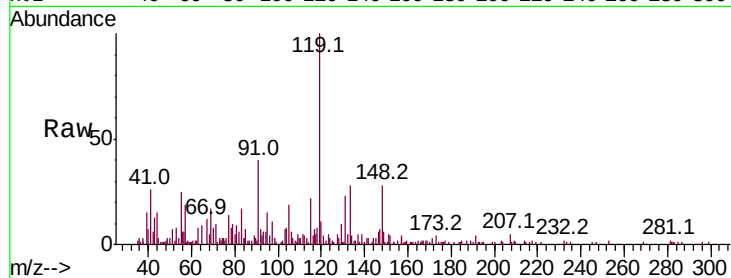
Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 75 Resp: 888

Ion	Ratio	Lower	Upper
75	100		
155	69.5	42.3	126.8
157	69.7	54.3	162.9



#93

1,2,4-Trichlorobenzene

Concen: 0.217 ug/l

RT: 13.63 min Scan# 2057

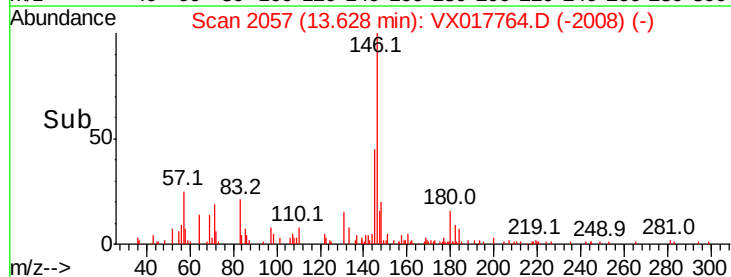
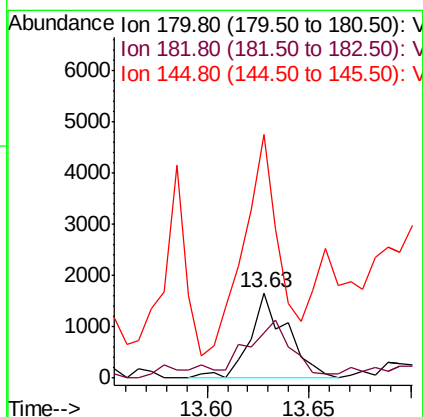
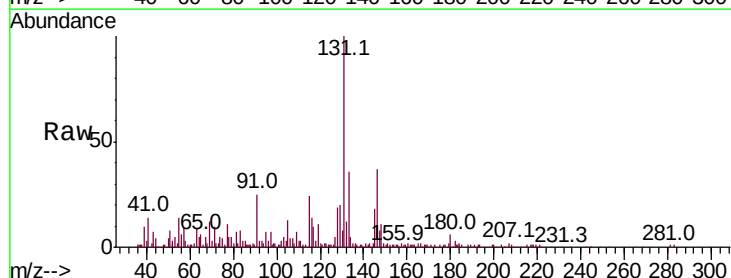
Delta R.T. -0.00 min

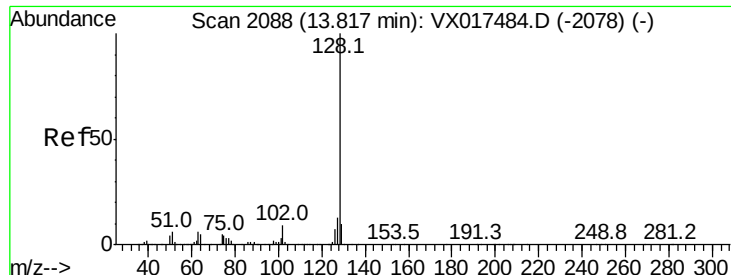
Lab File: VX017764.D

Acq: 04 Aug 2020 12:45

Tgt Ion: 180 Resp: 2112

Ion	Ratio	Lower	Upper
180	100		
182	82.4	47.5	142.6
145	265.4	15.4	46.4#





#95

Naphthalene

Concen: 9.786 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017764.D

Acq: 04 Aug 2020 12:45

Instrument :

MSVOA_X

ClientSampleId :

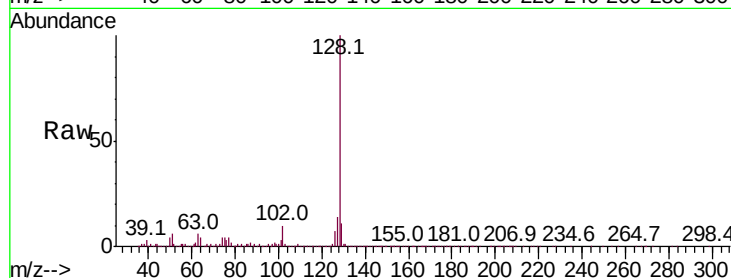
Tot Ion:128 Resp: 284361

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 11.5 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

