

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092520\
 Data File : VX018596.D
 Acq On : 25 Sep 2020 15:35
 Operator : JC/SP
 Sample : L4118-18DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D1-20200921DL

Quant Time: Sep 28 01:53:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 12:17:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	502077	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	790971	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	752400	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	362278	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	344241	48.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.94%	
35) Dibromofluoromethane	5.47	113	274471	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	
50) Toluene-d8	8.70	98	966540	48.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.30%	
62) 4-Bromofluorobenzene	11.12	95	358394	45.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.70%	

Target Compounds

						Qvalue
3) Chloromethane	1.31	50	1477	0.265	ug/l	95
5) Bromomethane	1.64	94	1923	0.531	ug/l #	73
6) Chloroethane	1.70	64	857	0.254	ug/l #	56
9) 1,1,2-Trichlorotrifluoroet	2.36	101	4474	0.927	ug/l #	85
10) Methyl Iodide	2.50	142	3629	5.463	ug/l #	93
11) Tert butyl alcohol	3.00	59	32186	26.044	ug/l #	78
12) 1,1-Dichloroethene	2.36	96	3046	0.626	ug/l #	81
13) Acrolein	2.28	56	618	0.790	ug/l #	24
15) Acrylonitrile	3.14	53	1235	0.419	ug/l #	62
16) Acetone	2.44	43	4882	1.797	ug/l	90
17) Carbon Disulfide	2.56	76	7673	0.528	ug/l	98
18) Methyl Acetate	2.76	43	1745	0.259	ug/l #	84
20) Methylene Chloride	2.84	84	2947	0.492	ug/l #	69
21) trans-1,2-Dichloroethene	3.14	96	1255	0.222	ug/l #	45
25) 2-Butanone	4.64	43	1149	0.272	ug/l #	50
27) cis-1,2-Dichloroethene	4.56	96	2981	0.471	ug/l	77
29) Tetrahydrofuran	5.07	42	667	0.250	ug/l #	40
30) Chloroform	5.18	83	4125	0.398	ug/l	90
36) 1,1-Dichloropropene	5.63	75	38805	5.055	ug/l #	53
38) Carbon Tetrachloride	5.63	117	52694	6.197	ug/l #	18
42) 1,2-Dichloroethane	6.15	62	2317	0.271	ug/l	92
44) Trichloroethene	7.19	130	283429	44.500	ug/l	99
49) 1,4-Dioxane	7.67	88	346	3.162	ug/l #	46
55) 1,1,2-Trichloroethane	9.20	97	2216	0.386	ug/l #	69
68) m/p-Xylenes	10.35	106	2167	0.214	ug/l #	70
76) 1,2,3-Trichloropropane	11.12	75	187188	24.588	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.12	75	187188	63.006	ug/l #	13
89) n-Butylbenzene	12.37	91	4077	0.202	ug/l	98
91) 1,2-Dichlorobenzene	12.37	146	2534	0.225	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.99	75	607	0.312	ug/l #	52
93) 1,2,4-Trichlorobenzene	13.63	180	2398	0.307	ug/l	93
94) Hexachlorobutadiene	13.77	225	1970	0.600	ug/l	97
95) Naphthalene	13.82	128	6023	0.255	ug/l #	94
96) 1,2,3-Trichlorobenzene	14.00	180	2271	0.304	ug/l	94

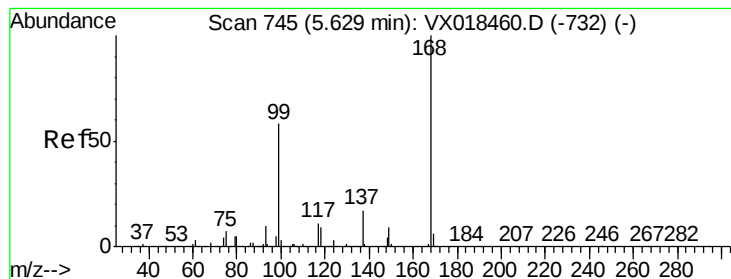
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092520\
Data File : VX018596.D
Acq On : 25 Sep 2020 15:35
Operator : JC/SP
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Quant Time: Sep 28 01:53:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 17 12:17:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018596.D

Acq: 25 Sep 2020 15:35

Instrument :

MSVOA_X

ClientSampleId :

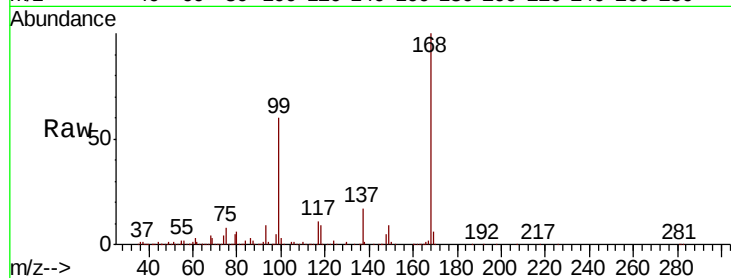
TT180D1-20200921DL

Tot Ion:168 Resp: 502077

Ion Ratio Lower Upper

168 100

99 59.7 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

200000

150000

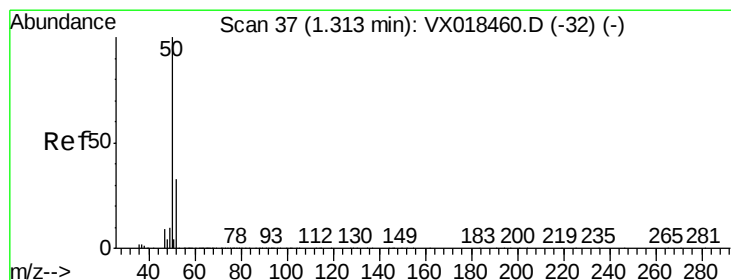
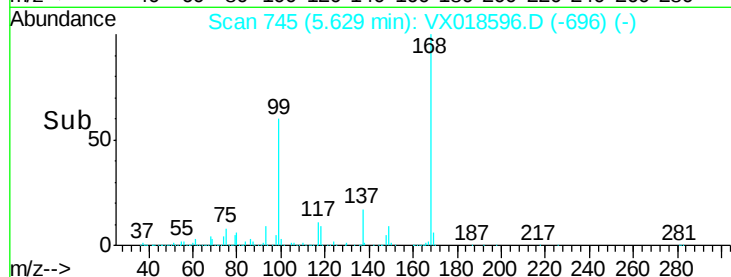
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.265 ug/l

RT: 1.31 min Scan# 36

Delta R.T. -0.01 min

Lab File: VX018596.D

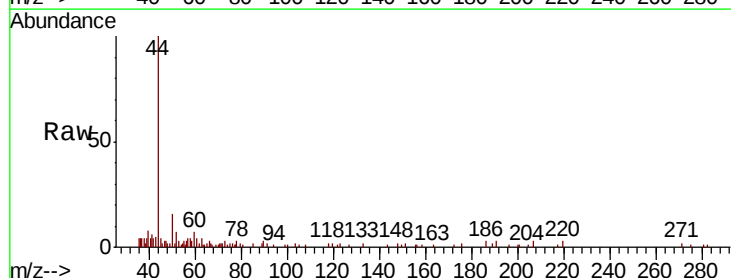
Acq: 25 Sep 2020 15:35

Tgt Ion: 50 Resp: 1477

Ion Ratio Lower Upper

50 100

52 30.5 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

1000

800

600

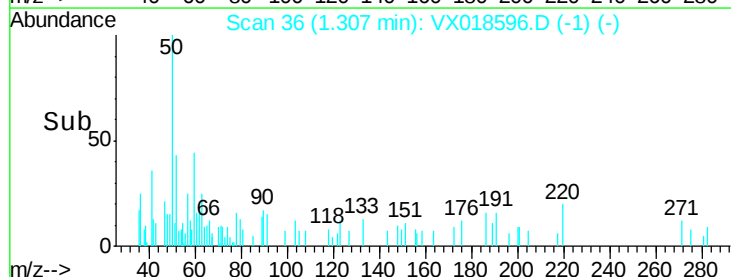
400

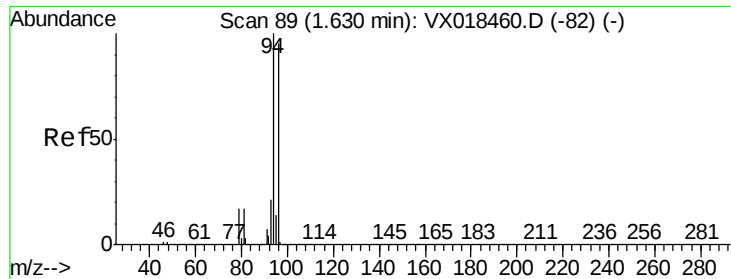
200

0

Time-->

1.30 1.35





#5

Bromomethane

Concen: 0.531 ug/l

RT: 1.64 min Scan# 91

Delta R.T. 0.01 min

Lab File: VX018596.D

Acq: 25 Sep 2020 15:35

Instrument :

MSVOA_X

ClientSampleId :

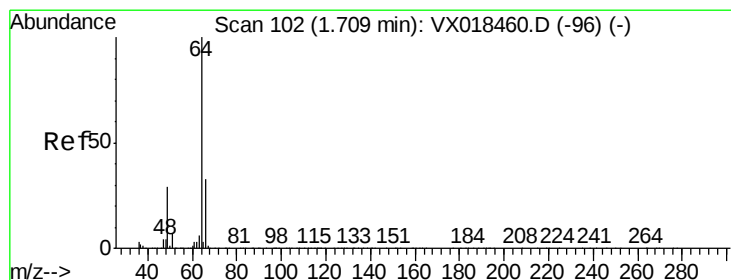
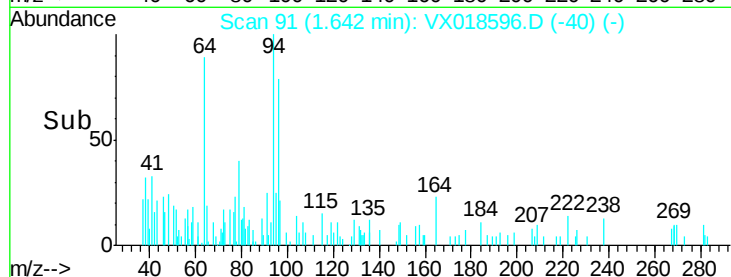
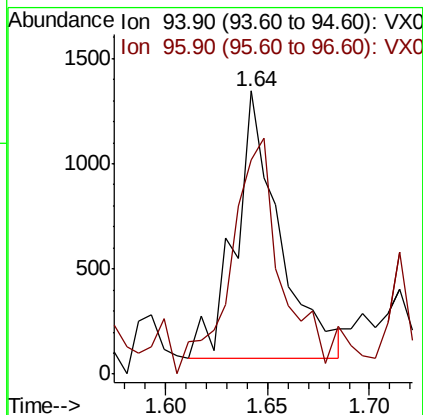
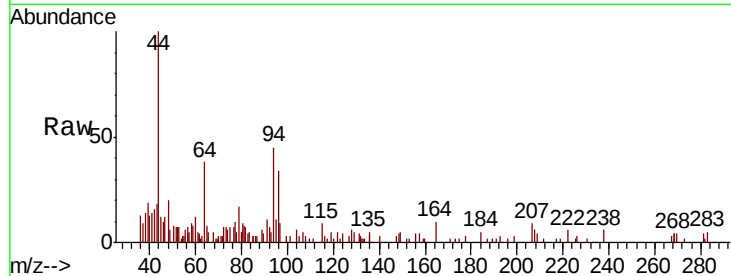
TT180D1-20200921DL

Tot Ion: 94 Resp: 1923

Ion Ratio Lower Upper

94 100

96 68.1 75.5 113.3#



#6

Chloroethane

Concen: 0.254 ug/l

RT: 1.70 min Scan# 100

Delta R.T. -0.01 min

Lab File: VX018596.D

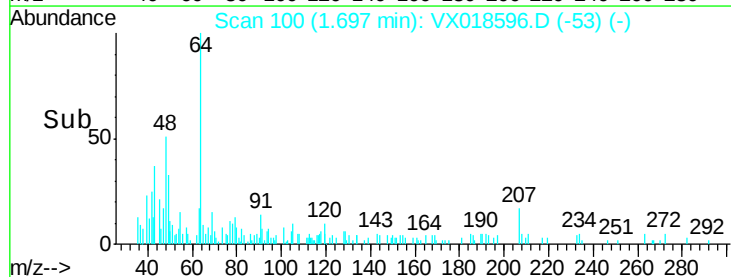
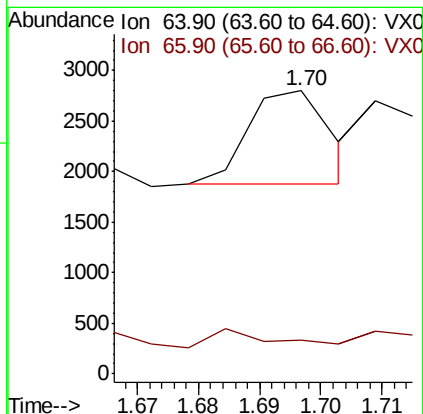
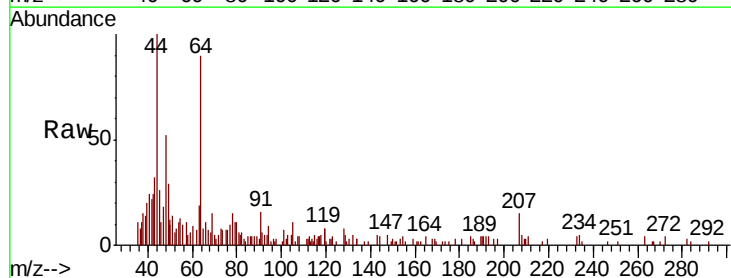
Acq: 25 Sep 2020 15:35

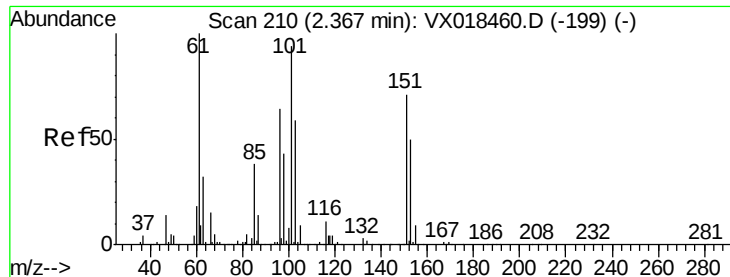
Tgt Ion: 64 Resp: 857

Ion Ratio Lower Upper

64 100

66 8.0 26.2 39.4#





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.927 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX018596.D

Acq: 25 Sep 2020 15:35

Instrument :

MSVOA_X

ClientSampleId :

TT180D1-20200921DL

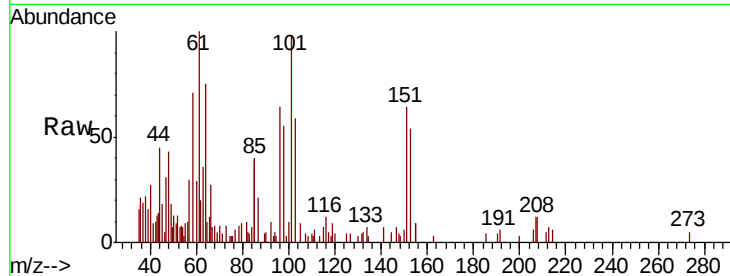
Tot Ion:101 Resp: 4474

Ion Ratio Lower Upper

101 100

85 52.1 34.7 52.1#

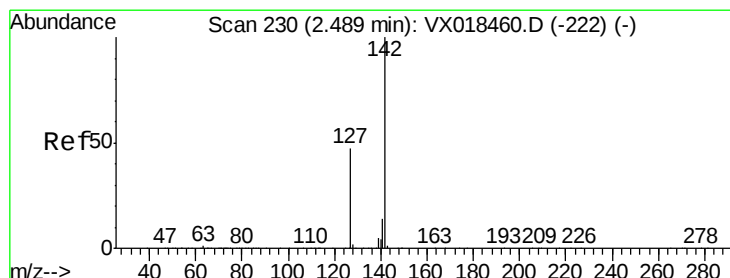
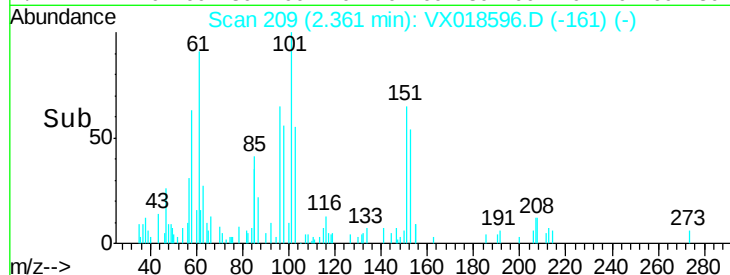
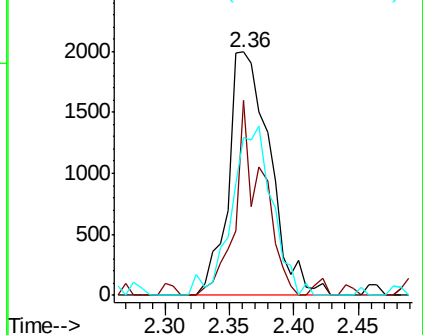
151 67.5 64.9 97.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 5.463 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX018596.D

Acq: 25 Sep 2020 15:35

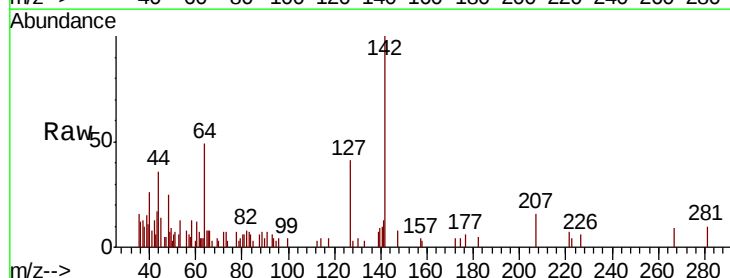
Tgt Ion:142 Resp: 3629

Ion Ratio Lower Upper

142 100

127 48.3 36.0 54.0

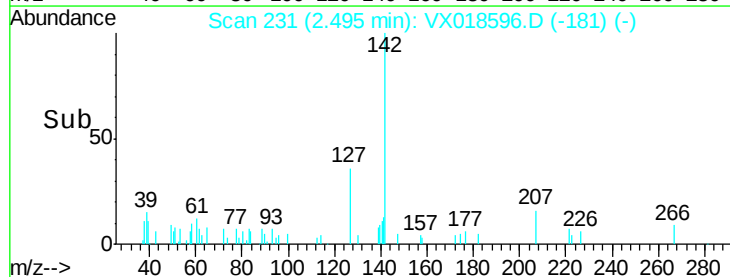
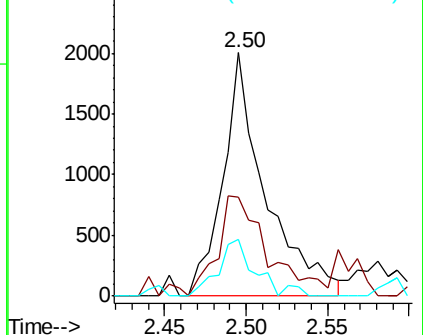
141 20.7 11.9 17.9#

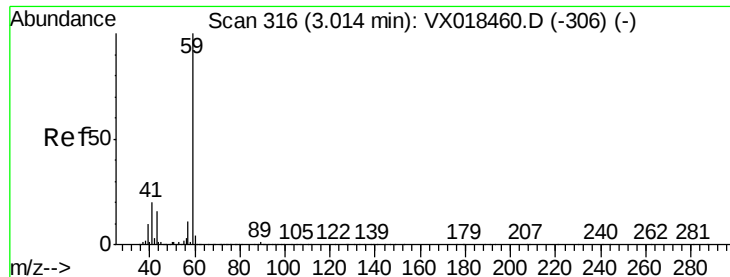


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 26.044 ug/l

RT: 3.00 min Scan# 313

Delta R.T. -0.02 min

Lab File: VX018596.D

Acq: 25 Sep 2020 15:35

Instrument :

MSVOA_X

ClientSampleId :

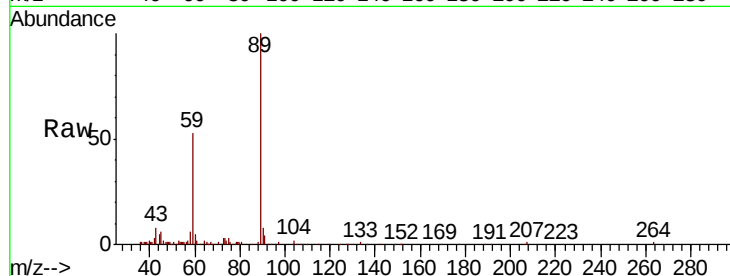
TT180D1-20200921DL

Tot Ion: 59 Resp: 32186

Ion Ratio Lower Upper

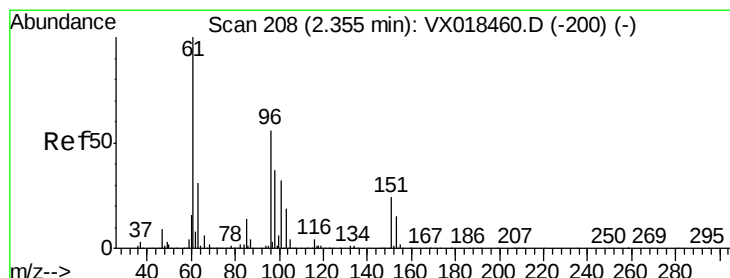
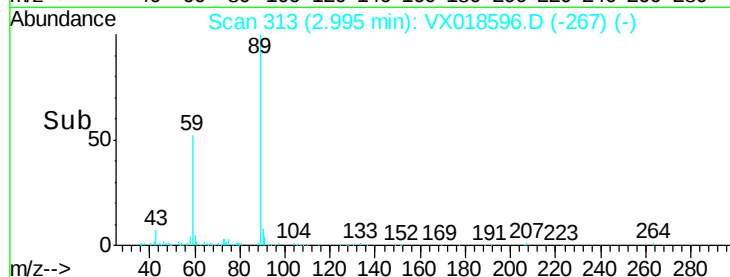
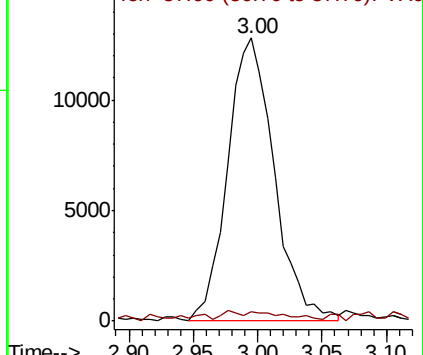
59 100

57 2.2 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#12

1,1-Dichloroethene

Concen: 0.626 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX018596.D

Acq: 25 Sep 2020 15:35

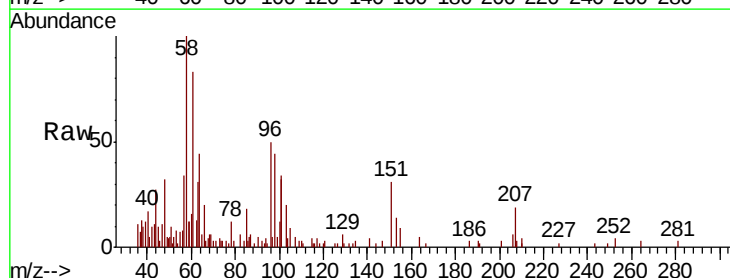
Tgt Ion: 96 Resp: 3046

Ion Ratio Lower Upper

96 100

61 155.7 142.2 213.4

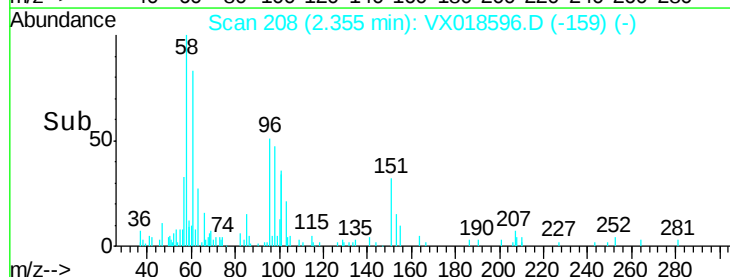
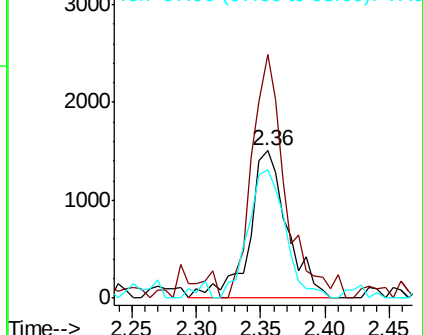
98 87.7 52.4 78.6#

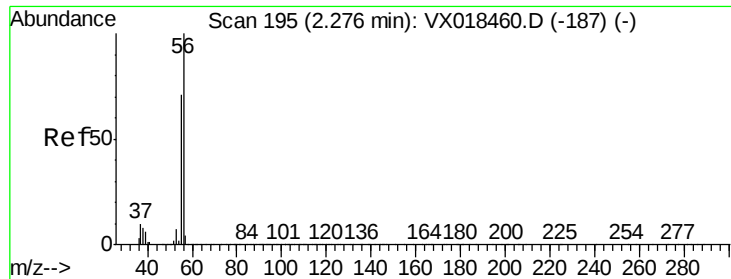


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#13

Acrolein

Concen: 0.790 ug/l

RT: 2.28 min Scan# 196

Delta R.T. 0.01 min

Lab File: VX018596.D

Acq: 25 Sep 2020 15:35

Instrument :

MSVOA_X

ClientSampleId :

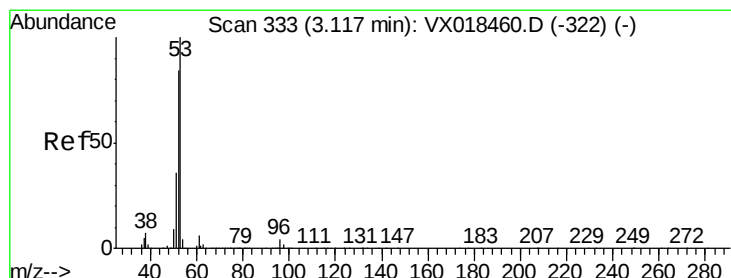
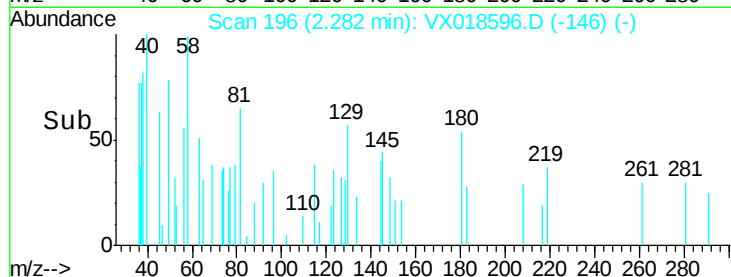
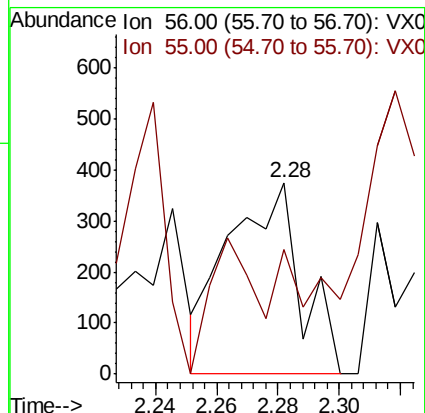
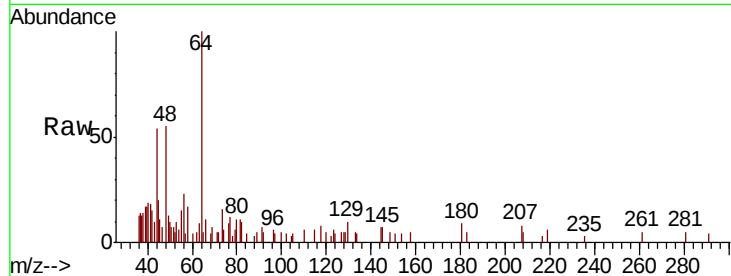
TT180D1-20200921DL

Tot Ion: 56 Resp: 618

Ion Ratio Lower Upper

56 100

55 9.4 58.2 87.4#



#15

Acrylonitrile

Concen: 0.419 ug/l

RT: 3.14 min Scan# 336

Delta R.T. 0.02 min

Lab File: VX018596.D

Acq: 25 Sep 2020 15:35

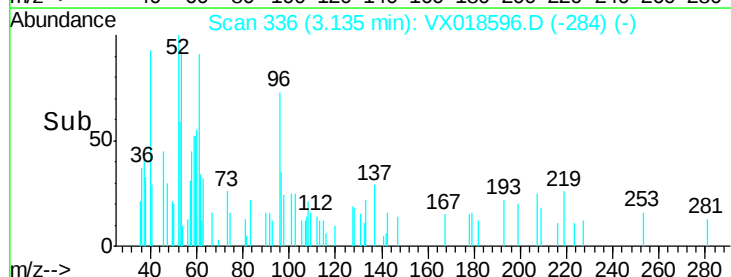
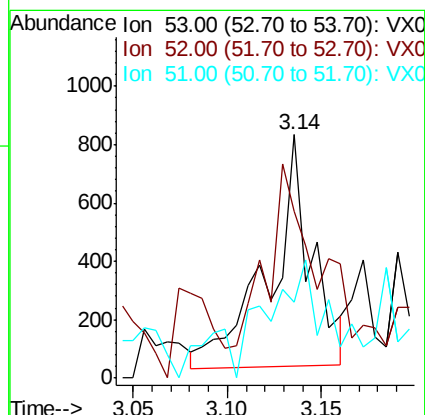
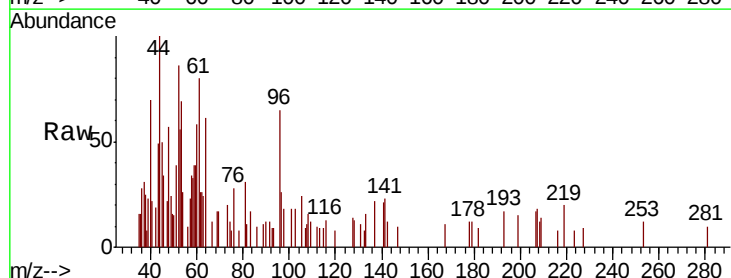
Tgt Ion: 53 Resp: 1235

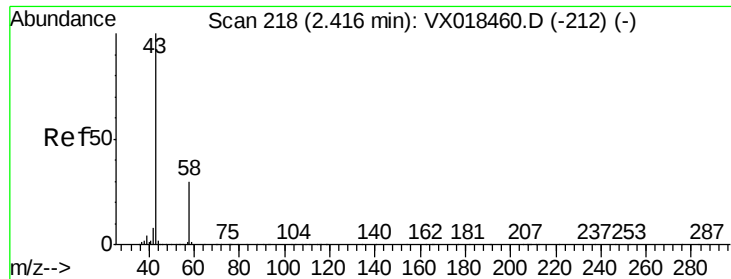
Ion Ratio Lower Upper

53 100

52 107.2 65.8 98.8#

51 73.0 29.2 43.8#





#16

Acetone

Concen: 1.797 ug/l

RT: 2.44 min Scan# 222

Delta R.T. 0.02 min

Lab File: VX018596.D

Acq: 25 Sep 2020 15:35

Instrument :

MSVOA_X

ClientSampleId :

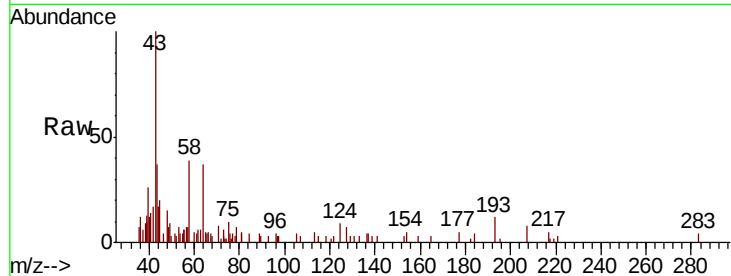
TT180D1-20200921DL

Tot Ion: 43 Resp: 4882

Ion Ratio Lower Upper

43 100

58 24.4 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

15000

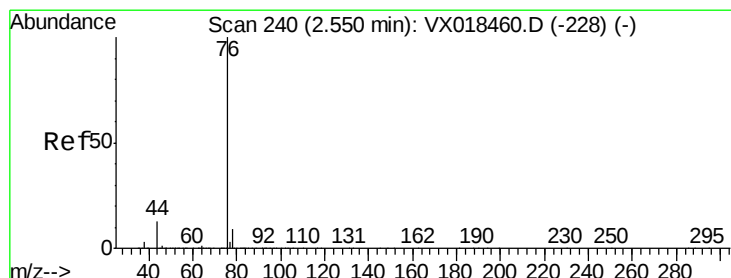
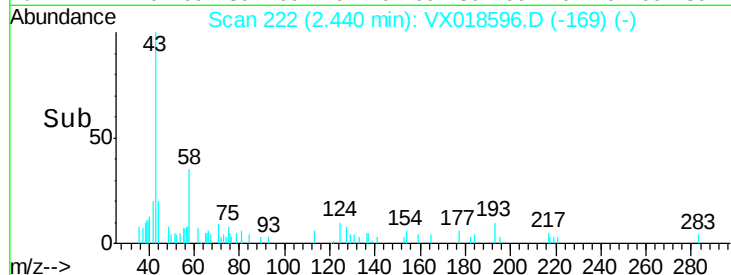
10000

5000

0

2.35 2.40 2.45 2.50

Time-->



#17

Carbon Disulfide

Concen: 0.528 ug/l

RT: 2.56 min Scan# 241

Delta R.T. 0.01 min

Lab File: VX018596.D

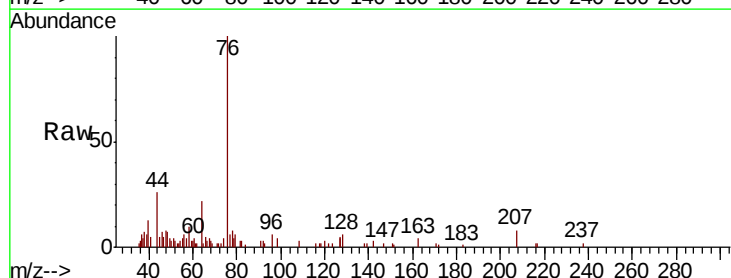
Acq: 25 Sep 2020 15:35

Tgt Ion: 76 Resp: 7673

Ion Ratio Lower Upper

76 100

78 8.1 7.0 10.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

4000

3000

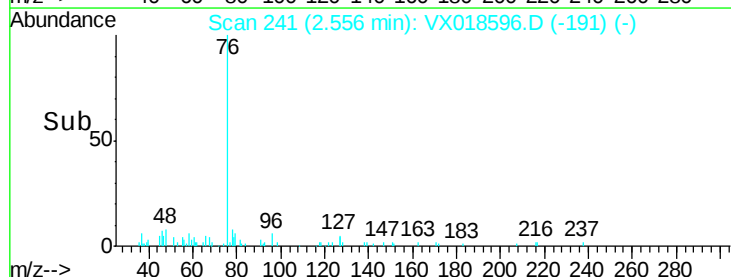
2000

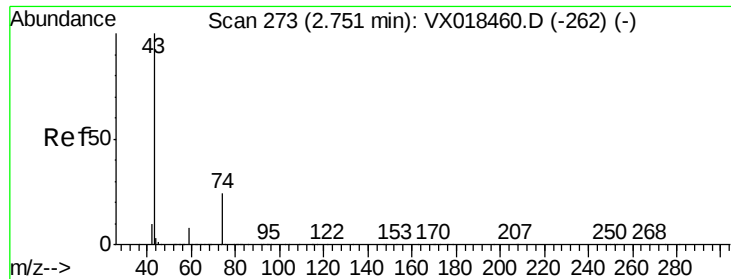
1000

0

2.50 2.55 2.60

Time-->

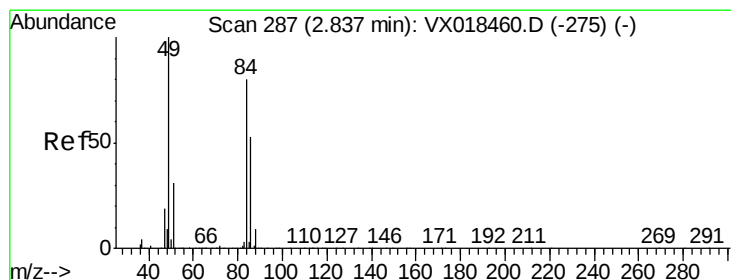
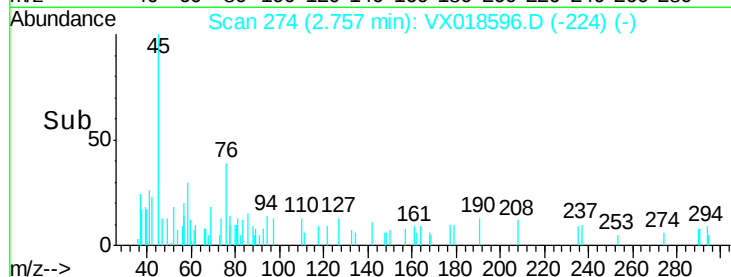
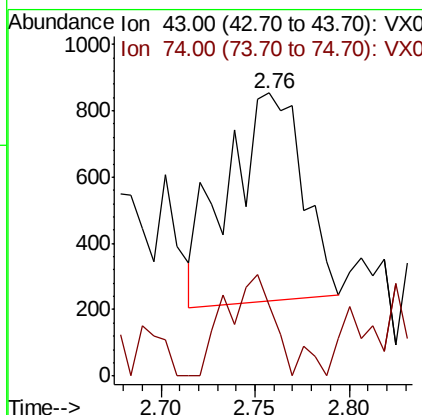
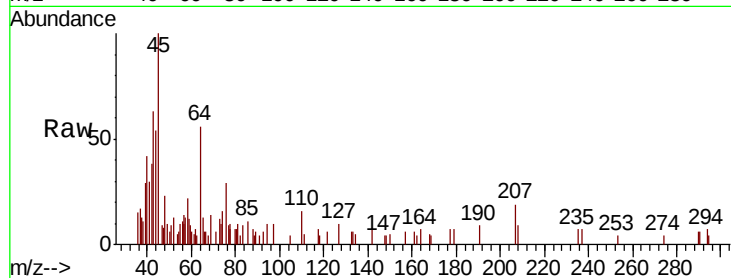




#18
Methyl Acetate
Concen: 0.259 ug/l
RT: 2.76 min Scan# 274
Delta R.T. 0.01 min
Lab File: VX018596.D
Acq: 25 Sep 2020 15:35

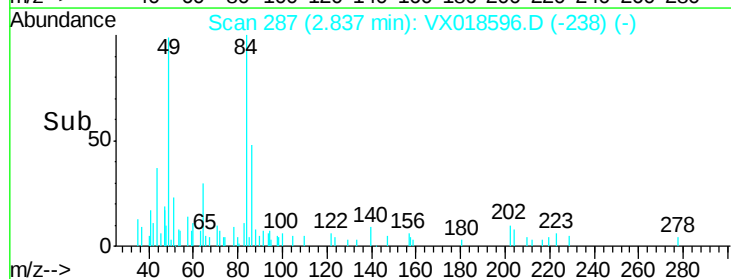
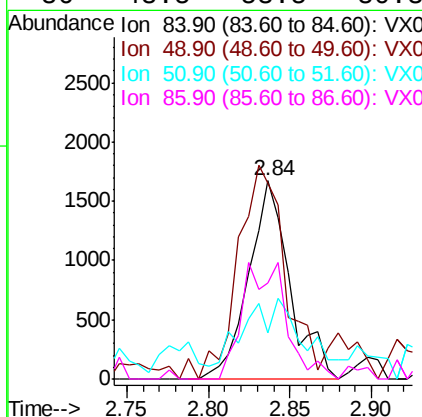
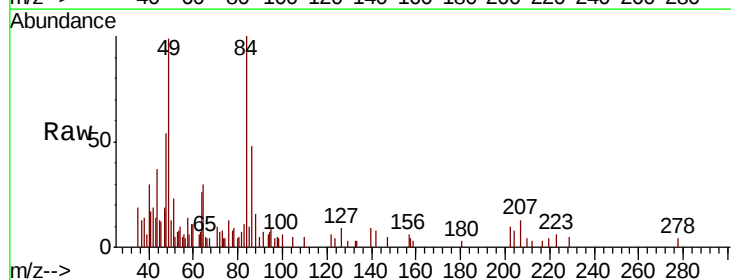
Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20200921DL

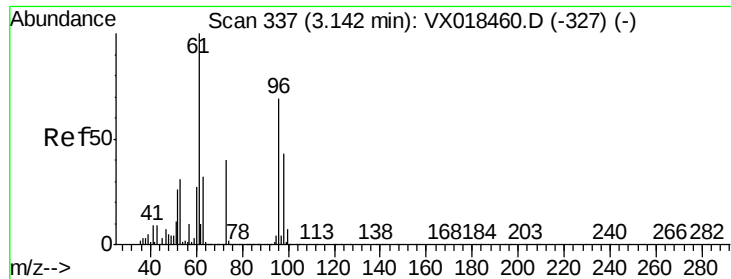
Tot Ion: 43 Resp: 1745
Ion Ratio Lower Upper
43 100
74 30.4 18.3 27.5#



#20
Methylene Chloride
Concen: 0.492 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX018596.D
Acq: 25 Sep 2020 15:35

Tgt Ion: 84 Resp: 2947
Ion Ratio Lower Upper
84 100
49 88.2 100.6 151.0#
51 13.8 30.9 46.3#
86 48.5 53.5 80.3#





#21

trans-1,2-Dichloroethene

Concen: 0.222 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.01 min

Lab File: VX018596.D

Acq: 25 Sep 2020 15:35

Instrument :

MSVOA_X

ClientSampleId :

TT180D1-20200921DL

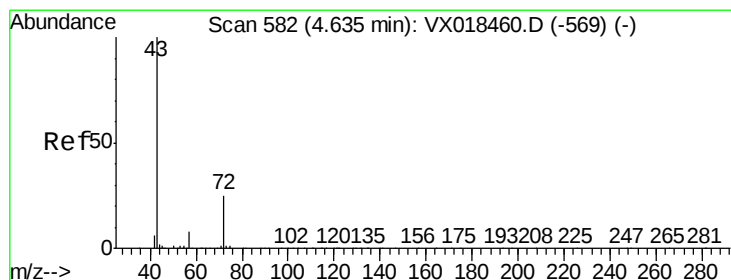
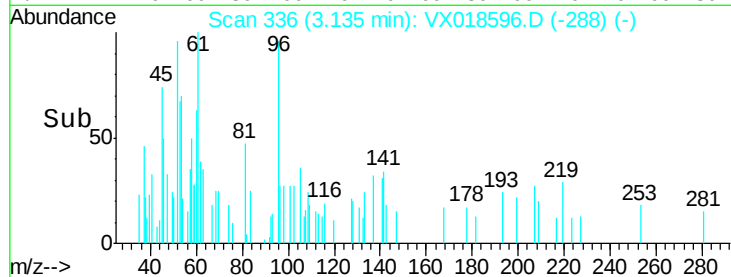
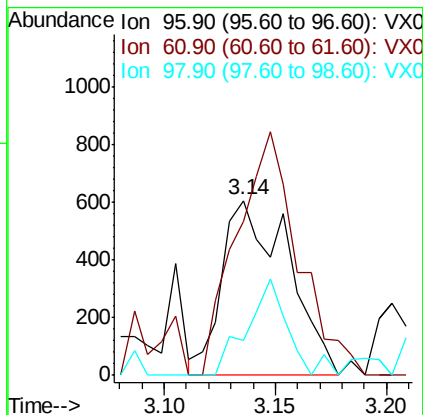
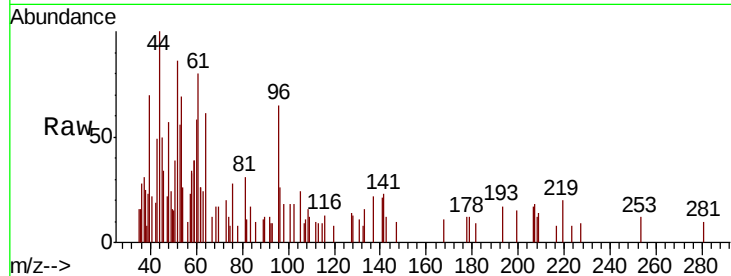
Tot Ion: 96 Resp: 1255

Ion Ratio Lower Upper

96 100

61 74.8 115.6 173.4#

98 22.1 50.2 75.4#



#25

2-Butanone

Concen: 0.272 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX018596.D

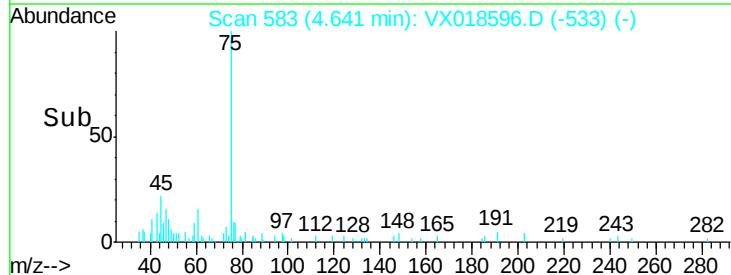
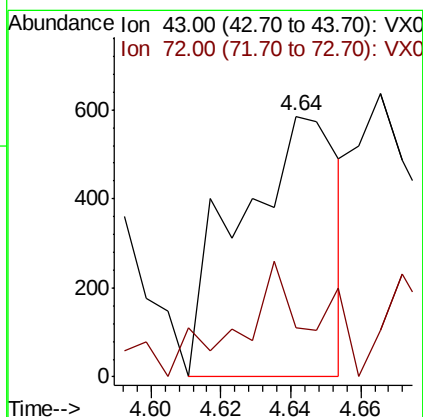
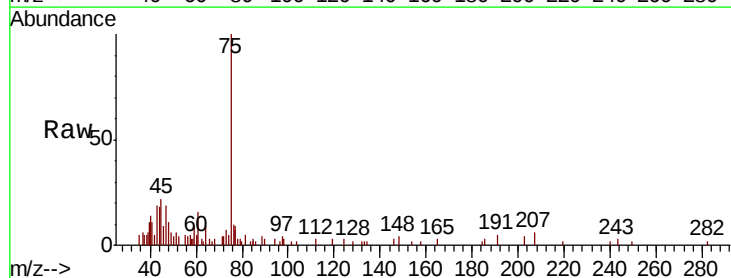
Acq: 25 Sep 2020 15:35

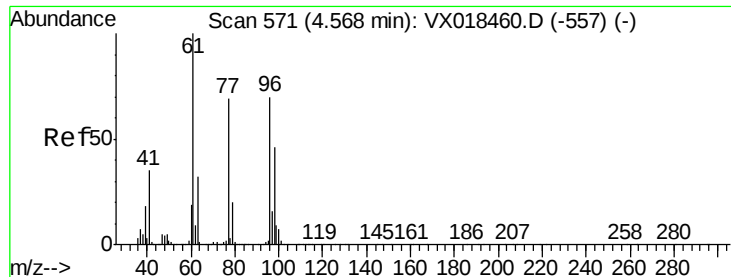
Tgt Ion: 43 Resp: 1149

Ion Ratio Lower Upper

43 100

72 0.2 20.2 30.4#



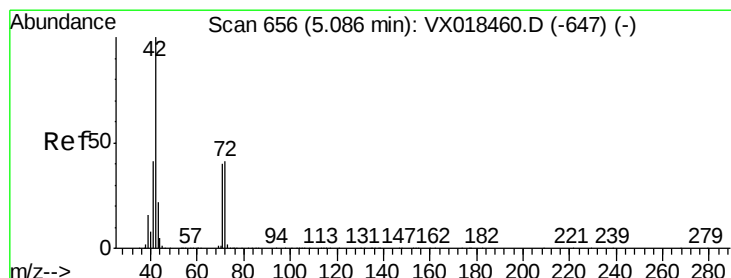
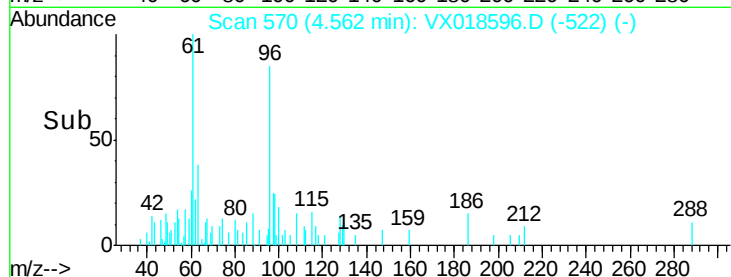
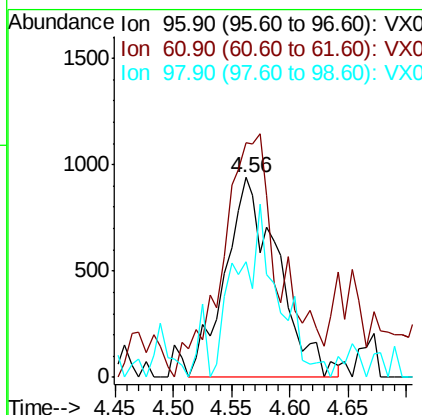
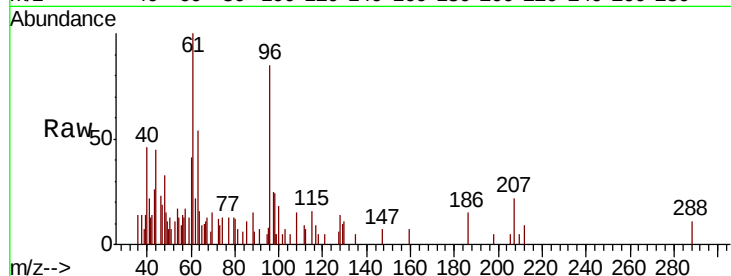


#27

cis-1,2-Dichloroethene
 Concen: 0.471 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: VX018596.D
 Acq: 25 Sep 2020 15:35

Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D1-20200921DL

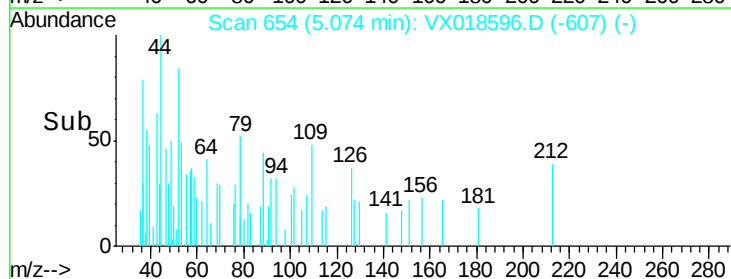
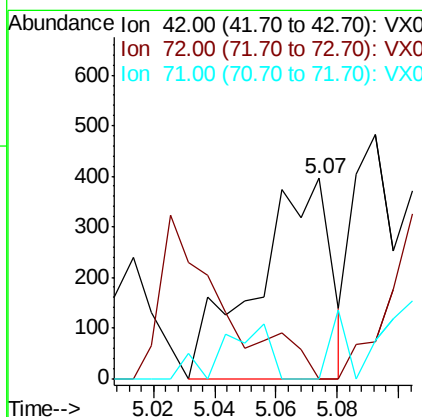
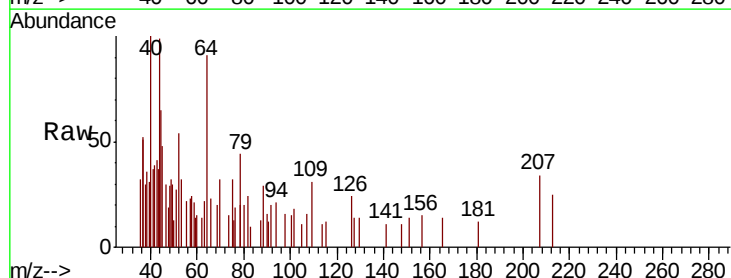
Tot Ion:	96	Resp:	2981
Ion	Ratio	Lower	Upper
96	100		
61	108.8	0.0	300.0
98	66.3	0.0	130.4

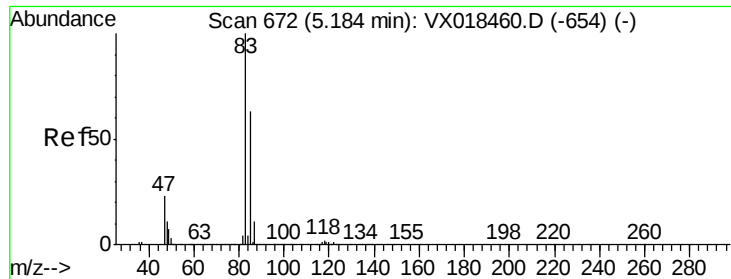


#29

Tetrahydrofuran
 Concen: 0.250 ug/l
 RT: 5.07 min Scan# 654
 Delta R.T. -0.01 min
 Lab File: VX018596.D
 Acq: 25 Sep 2020 15:35

Tgt Ion:	42	Resp:	667
Ion	Ratio	Lower	Upper
42	100		
72	0.0	34.3	51.5#
71	7.5	32.1	48.1#

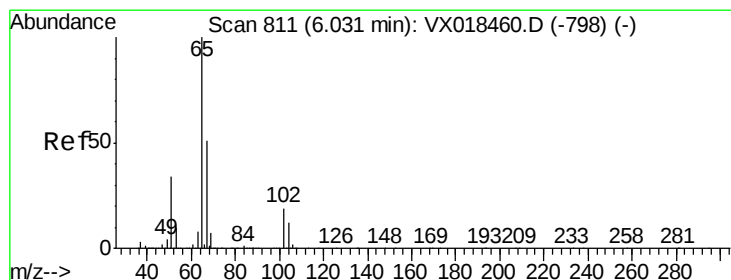
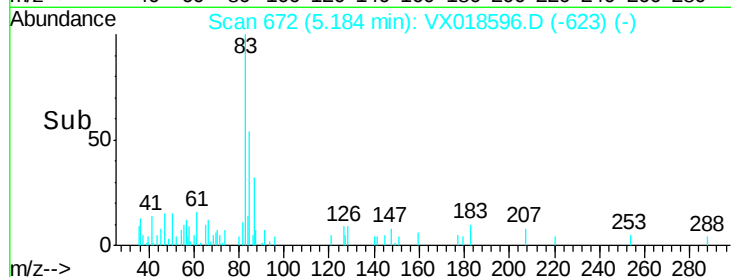
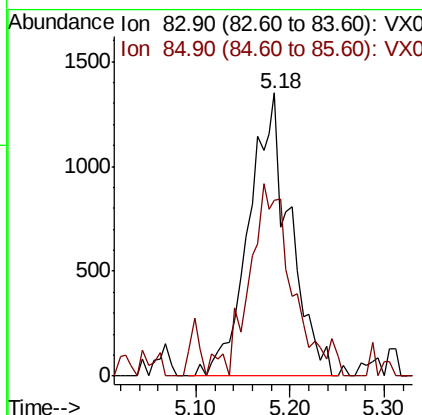
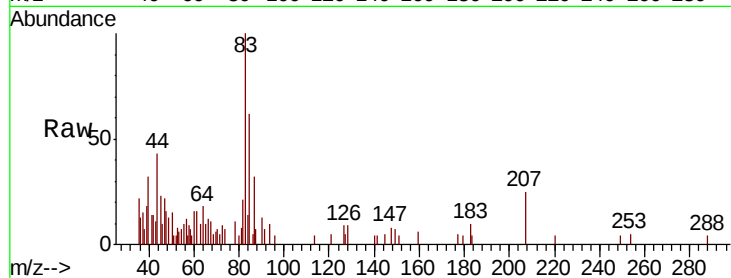




#30
Chloroform
Concen: 0.398 ug/l
RT: 5.18 min Scan# 672
Delta R.T. -0.00 min
Lab File: VX018596.D
Acq: 25 Sep 2020 15:35

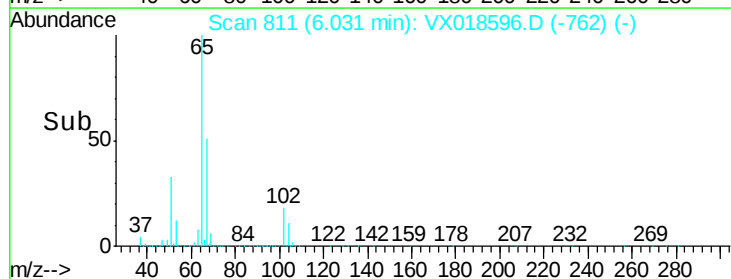
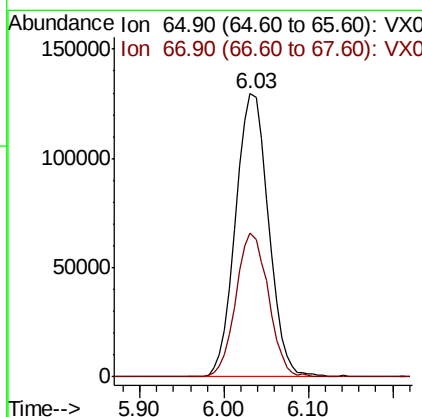
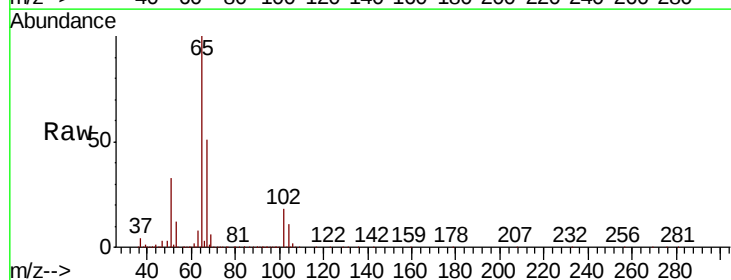
Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20200921DL

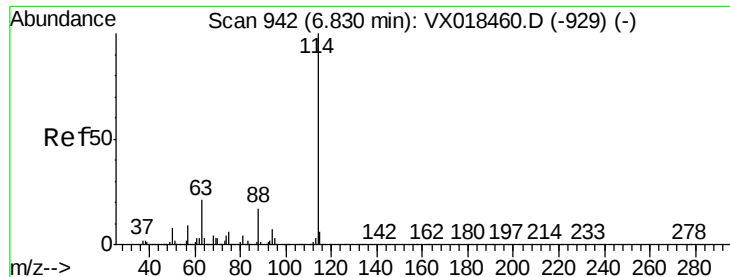
Tot Ion: 83 Resp: 4125
Ion Ratio Lower Upper
83 100
85 55.3 50.6 76.0



#33
1,2-Dichloroethane-d4
Concen: 48.467 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX018596.D
Acq: 25 Sep 2020 15:35

Tgt Ion: 65 Resp: 344241
Ion Ratio Lower Upper
65 100
67 50.0 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX018596.D

Acq: 25 Sep 2020 15:35

Instrument :

MSVOA_X

ClientSampleId :

TT180D1-20200921DL

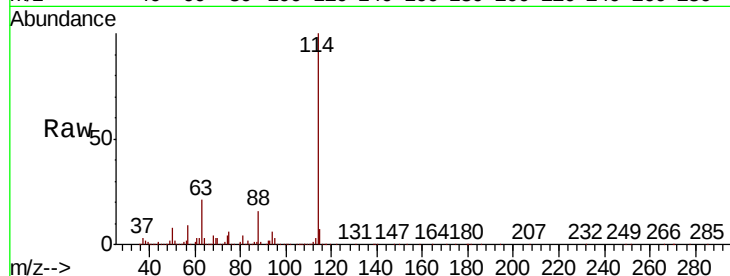
Tot Ion:114 Resp: 790971

Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.8

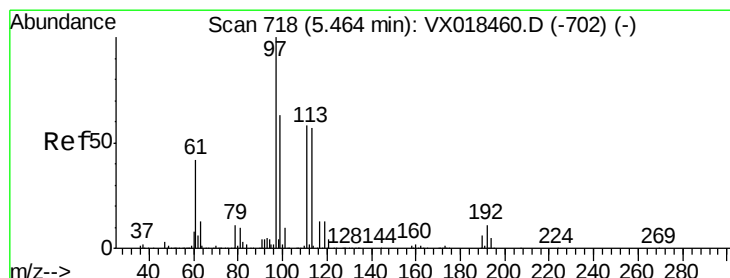
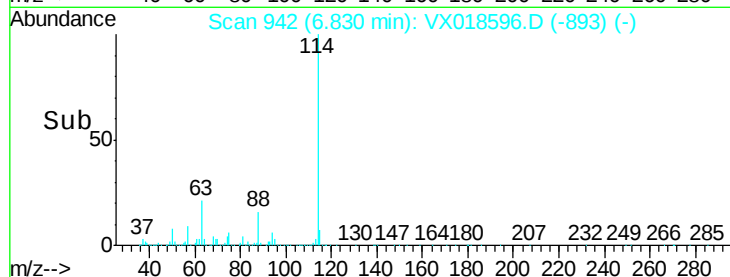
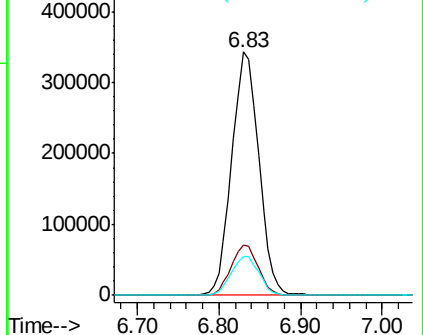
88 15.9 0.0 33.6



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: 50.195 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX018596.D

Acq: 25 Sep 2020 15:35

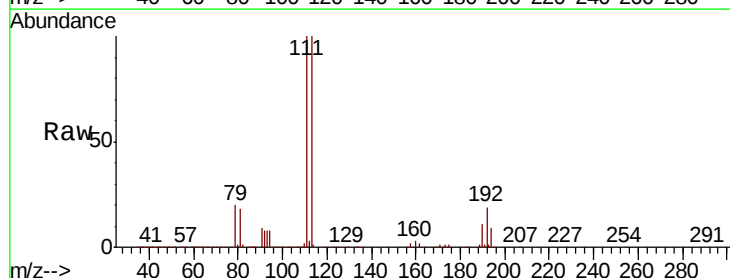
Tgt Ion:113 Resp: 274471

Ion Ratio Lower Upper

113 100

111 101.6 81.4 122.2

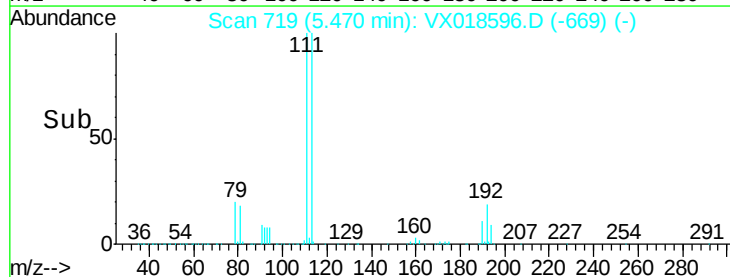
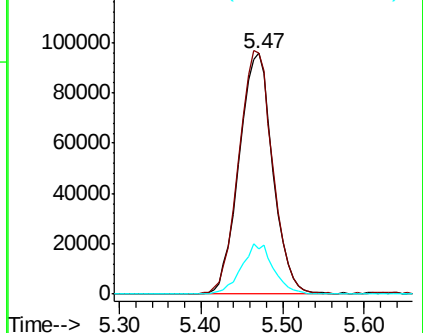
192 20.0 16.6 24.8

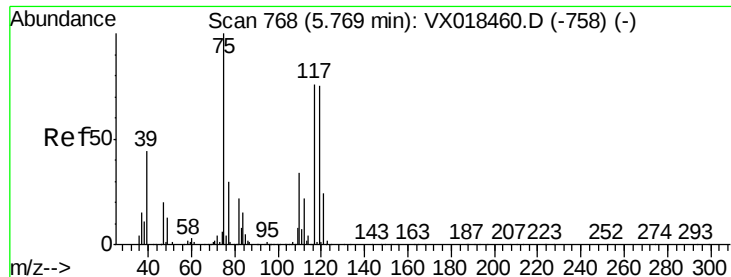


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.055 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.14 min

Lab File: VX018596.D

Acq: 25 Sep 2020 15:35

Instrument :

MSVOA_X

ClientSampleId :

TT180D1-20200921DL

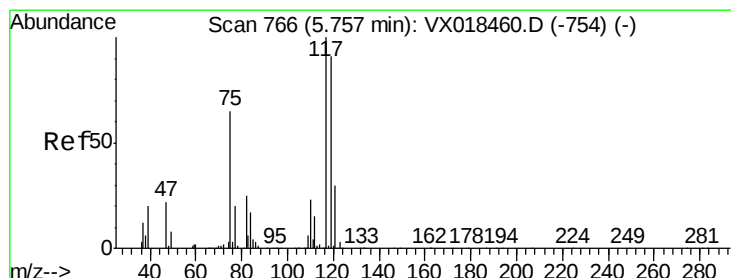
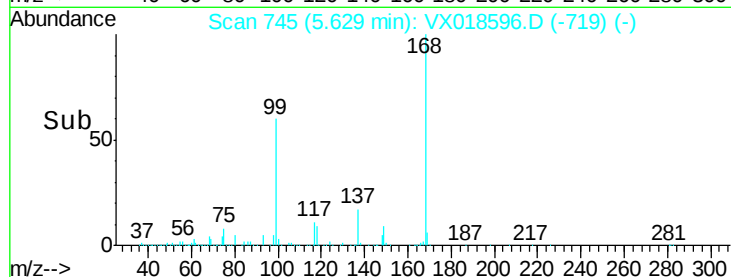
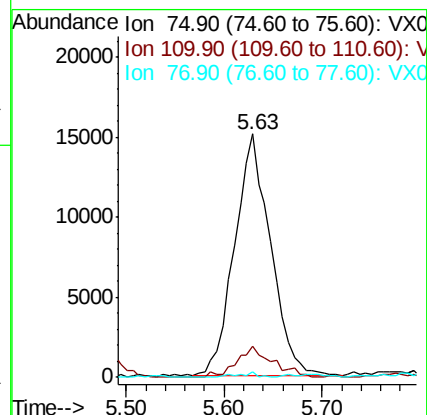
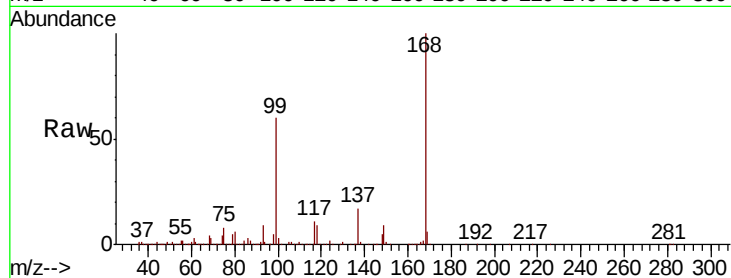
Tot Ion: 75 Resp: 38805

Ion Ratio Lower Upper

75 100

110 12.6 17.6 52.8#

77 0.7 25.0 37.6#



#38

Carbon Tetrachloride

Concen: 6.197 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.13 min

Lab File: VX018596.D

Acq: 25 Sep 2020 15:35

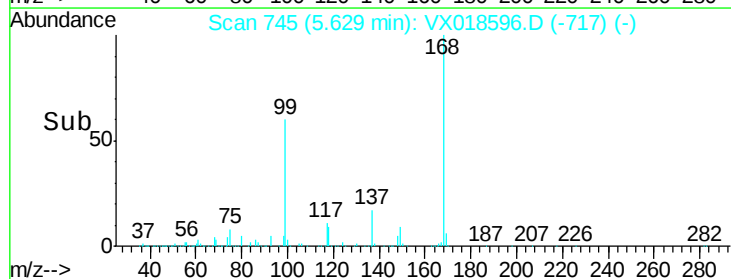
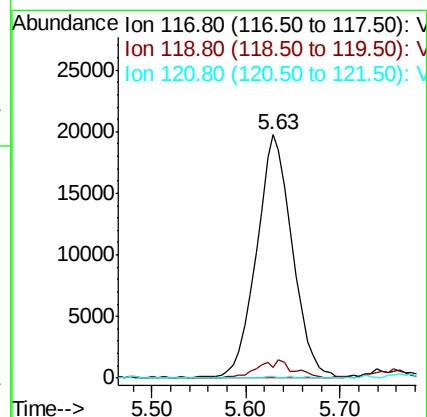
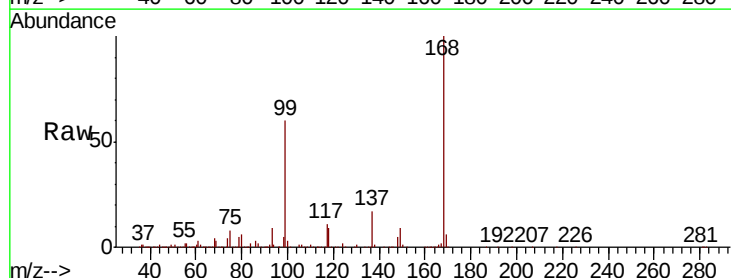
Tgt Ion:117 Resp: 52694

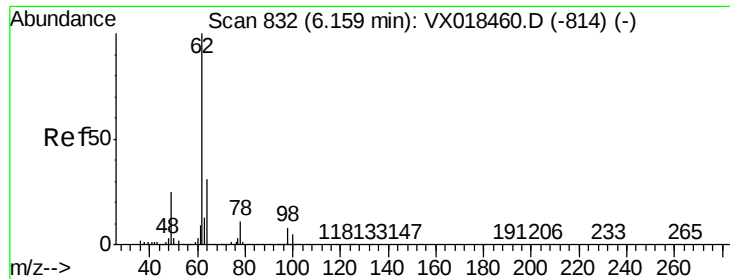
Ion Ratio Lower Upper

117 100

119 4.1 72.3 108.5#

121 0.6 23.8 35.8#





#42

1,2-Dichloroethane

Concen: 0.271 ug/l

RT: 6.15 min Scan# 831

Delta R.T. -0.01 min

Lab File: VX018596.D

Acq: 25 Sep 2020 15:35

Instrument :

MSVOA_X

ClientSampleId :

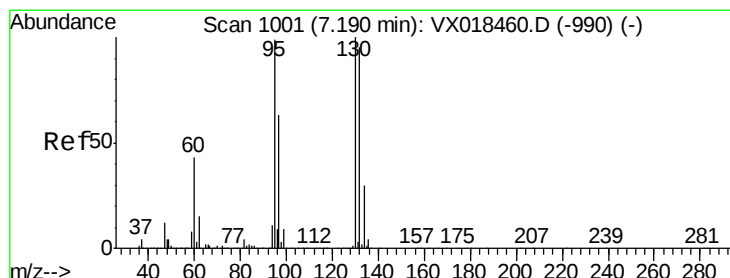
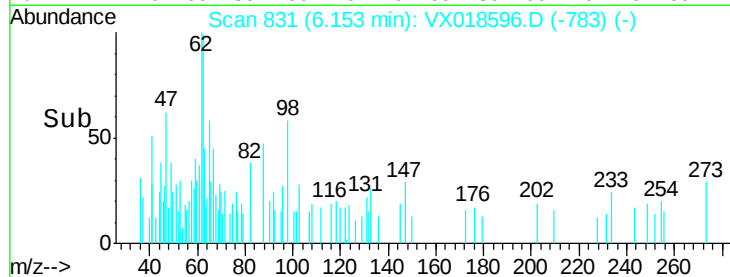
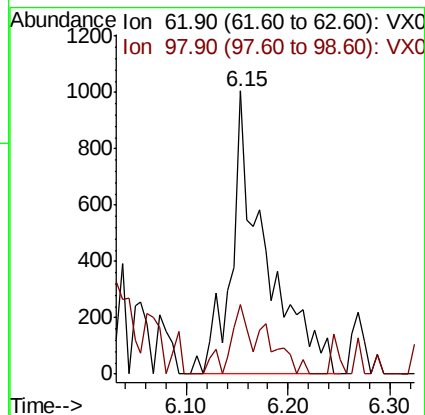
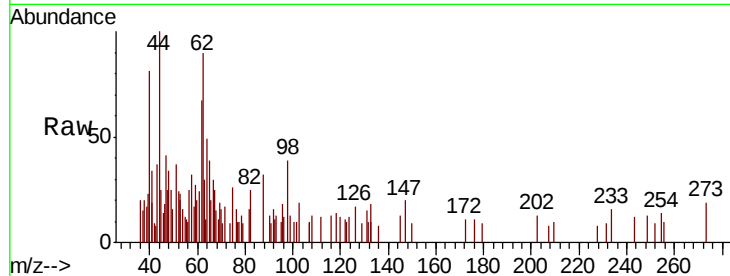
TT180D1-20200921DL

Tot Ion: 62 Resp: 2317

Ion Ratio Lower Upper

62 100

98 11.3 0.0 16.6



#44

Trichloroethene

Concen: 44.500 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX018596.D

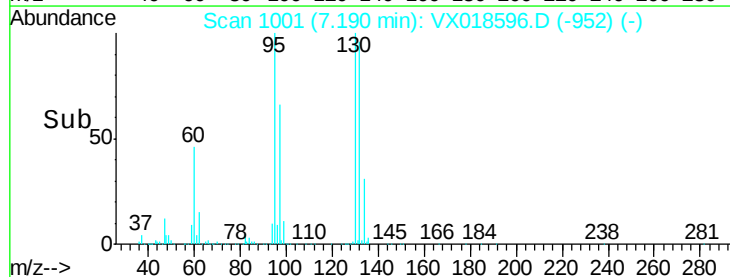
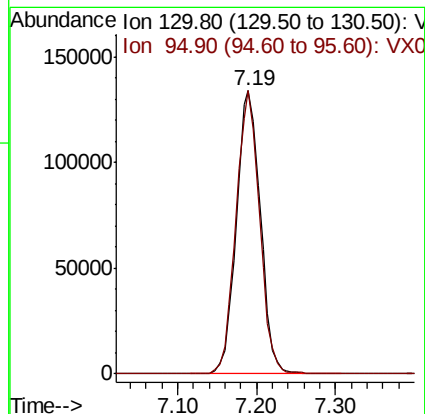
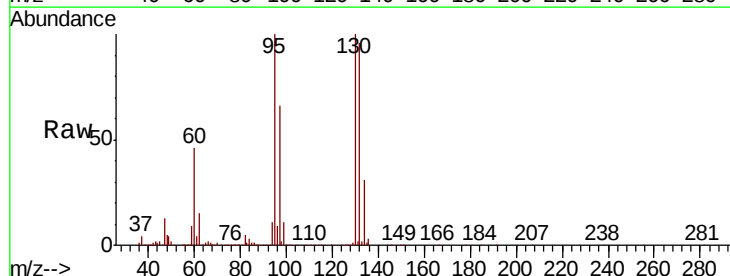
Acq: 25 Sep 2020 15:35

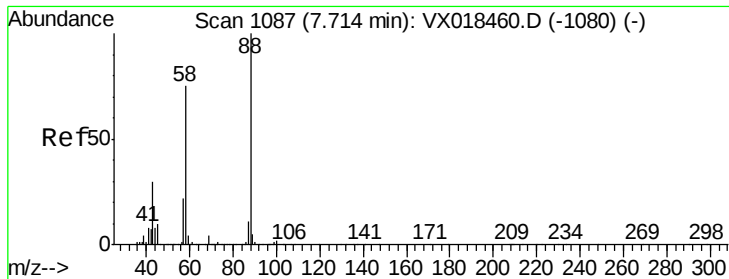
Tgt Ion:130 Resp: 283429

Ion Ratio Lower Upper

130 100

95 100.1 0.0 197.4

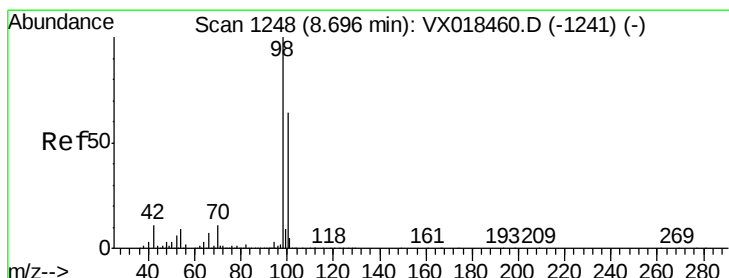
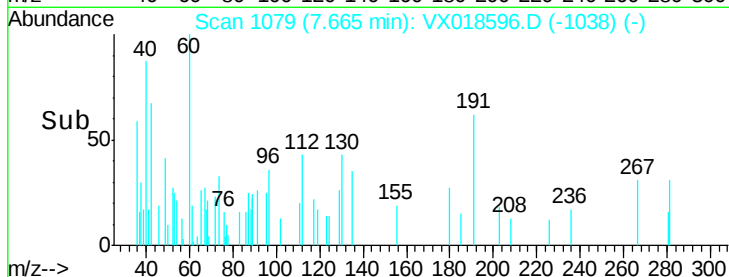
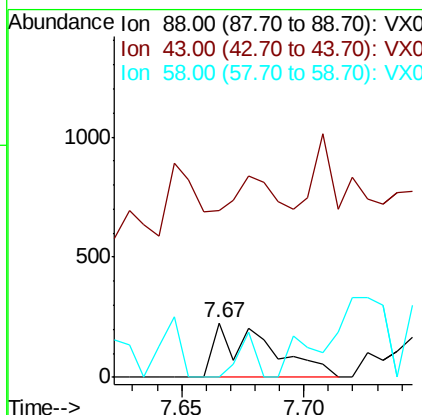
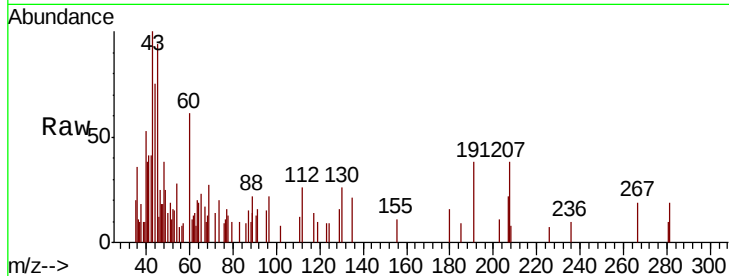




#49
1,4-Dioxane
Concen: 3.162 ug/l
RT: 7.67 min Scan# 1079
Delta R.T. -0.05 min
Lab File: VX018596.D
Acq: 25 Sep 2020 15:35

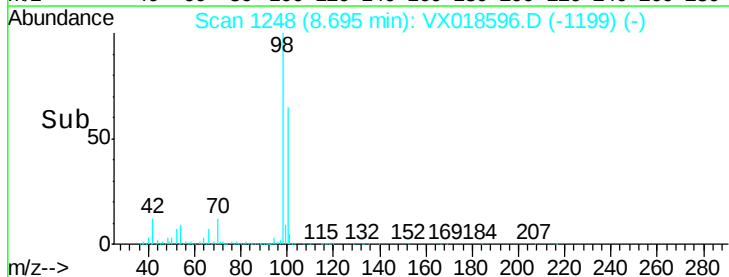
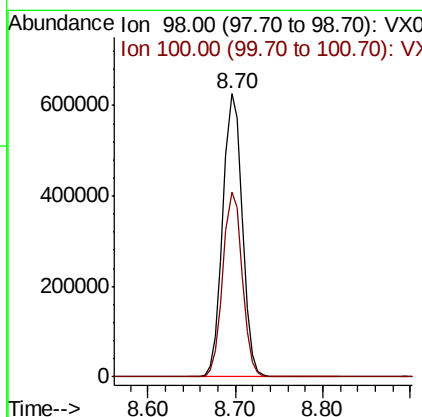
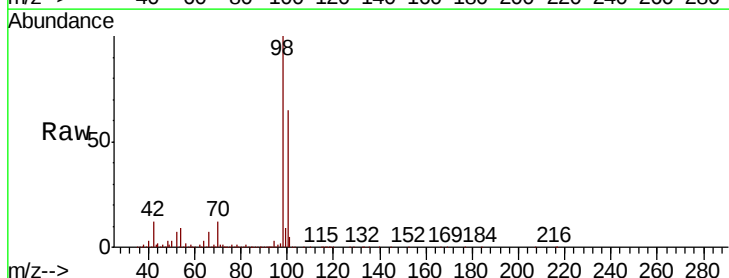
Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20200921DL

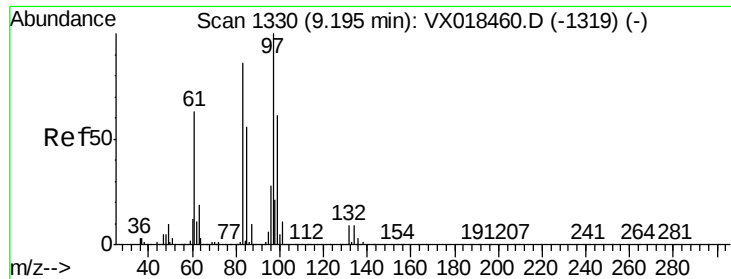
Tot Ion: 88 Resp: 346
Ion Ratio Lower Upper
88 100
43 67.1 29.9 44.9#
58 26.0 59.0 88.6#



#50
Toluene-d8
Concen: 48.649 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018596.D
Acq: 25 Sep 2020 15:35

Tgt Ion: 98 Resp: 966540
Ion Ratio Lower Upper
98 100
100 65.0 51.7 77.5





#55

1,1,2-Trichloroethane

Concen: 0.386 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX018596.D

Acq: 25 Sep 2020 15:35

Instrument :

MSVOA_X

ClientSampleId :

TT180D1-20200921DL

Tot Ion: 97 Resp: 2216

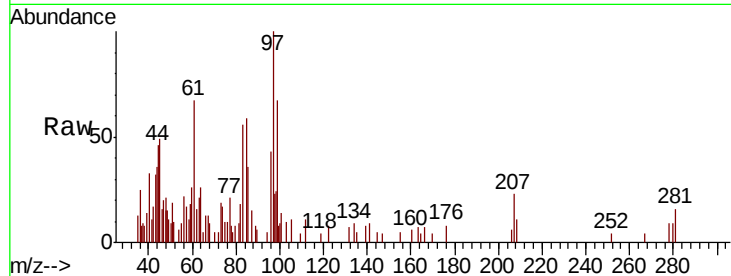
Ion Ratio Lower Upper

97 100

83 56.0 68.5 102.7#

85 95.2 44.8 67.2#

99 67.2 48.9 73.3



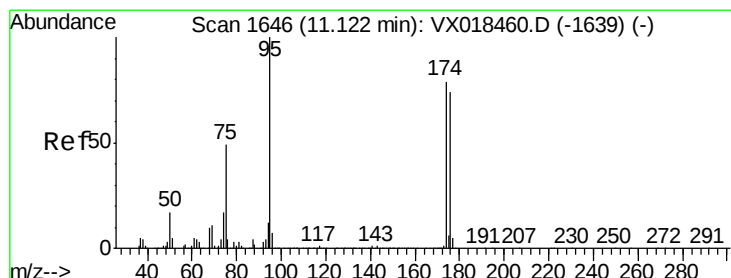
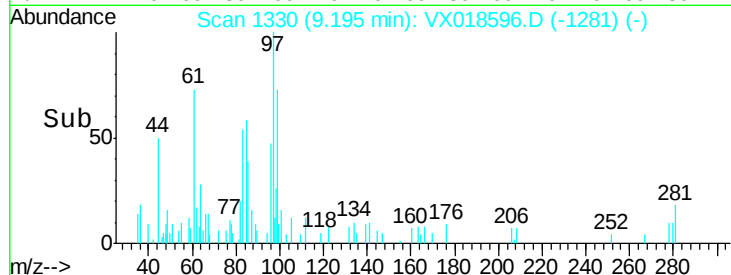
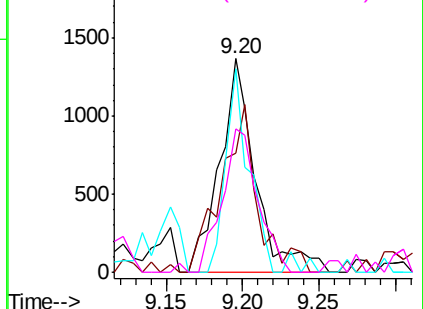
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#62

4-Bromofluorobenzene

Concen: 45.350 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018596.D

Acq: 25 Sep 2020 15:35

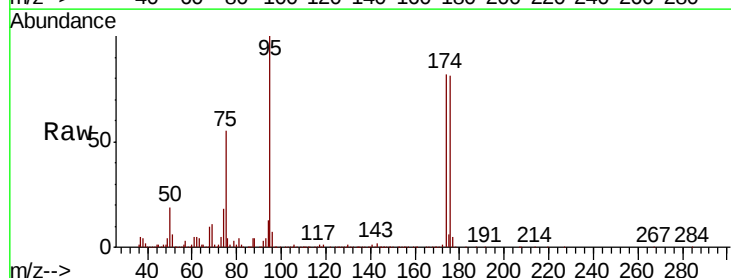
Tgt Ion: 95 Resp: 358394

Ion Ratio Lower Upper

95 100

174 82.3 0.0 161.4

176 78.6 0.0 151.4

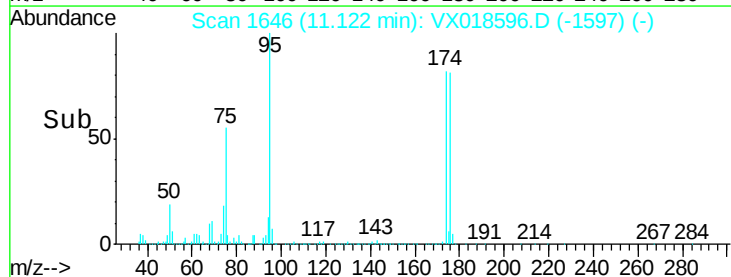
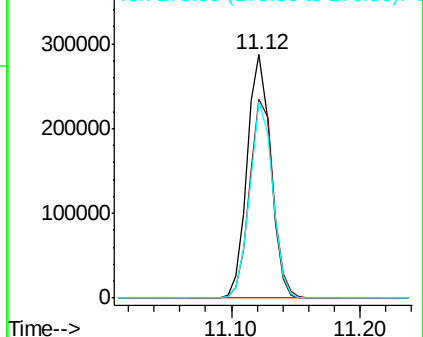


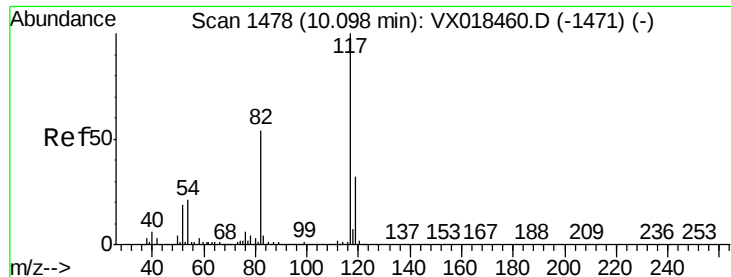
Abundance

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

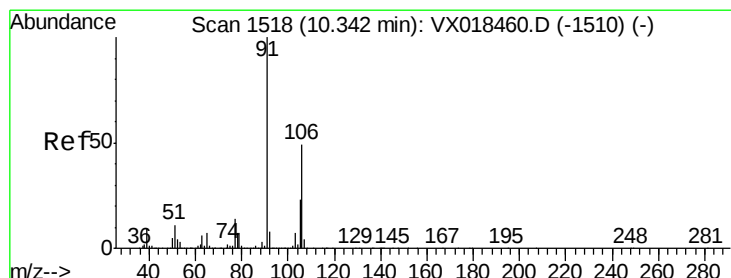
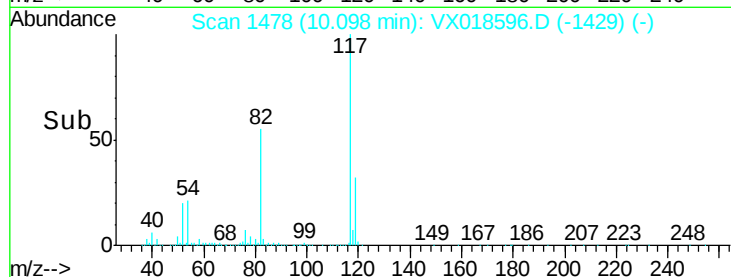
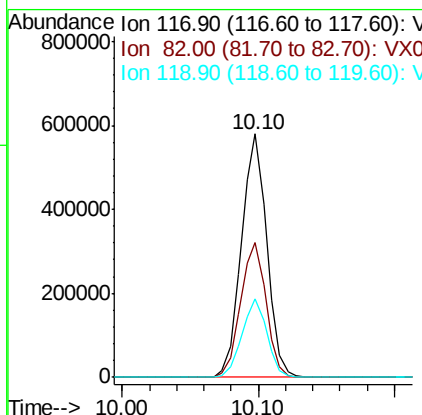
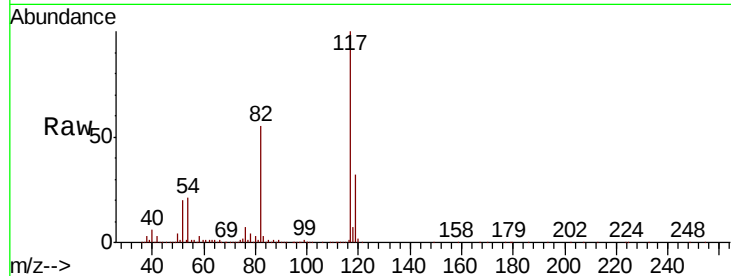




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018596.D
Acq: 25 Sep 2020 15:35

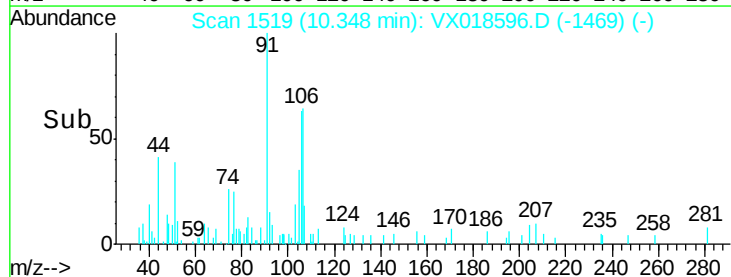
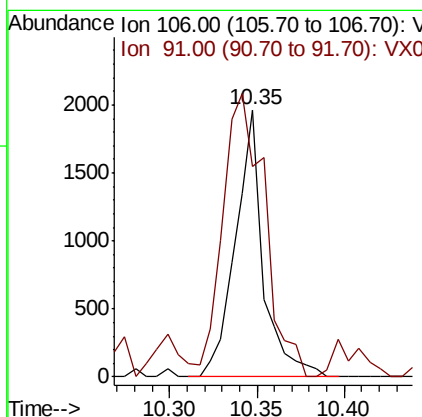
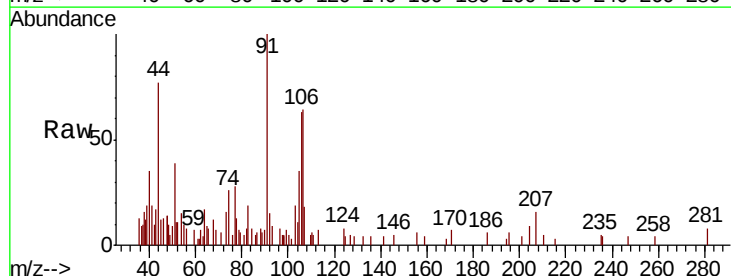
Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20200921DL

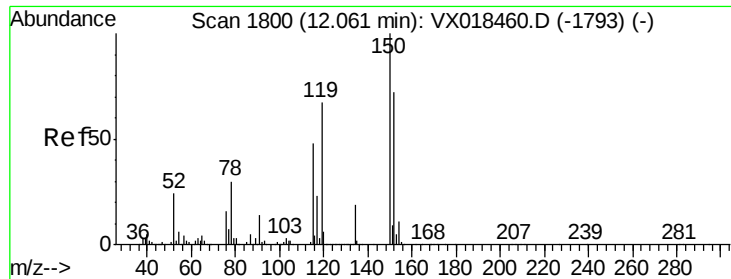
Tot Ion:117 Resp: 752400
Ion Ratio Lower Upper
117 100
82 55.4 43.3 64.9
119 32.1 25.9 38.9



#68
m/p-Xylenes
Concen: 0.214 ug/l
RT: 10.35 min Scan# 1519
Delta R.T. 0.01 min
Lab File: VX018596.D
Acq: 25 Sep 2020 15:35

Tgt Ion:106 Resp: 2167
Ion Ratio Lower Upper
106 100
91 158.9 163.8 245.6#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018596.D

Acq: 25 Sep 2020 15:35

Instrument :

MSVOA_X

ClientSampleId :

TT180D1-20200921DL

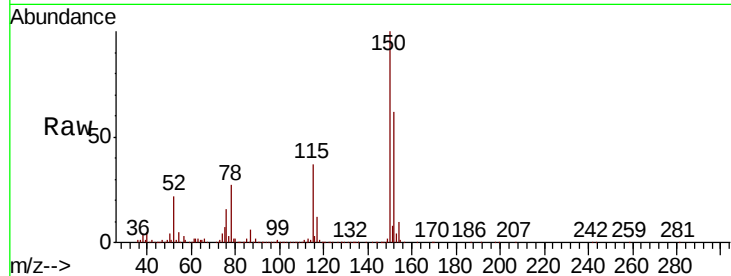
Tot Ion:152 Resp: 362278

Ion Ratio Lower Upper

152 100

115 60.7 41.8 125.4

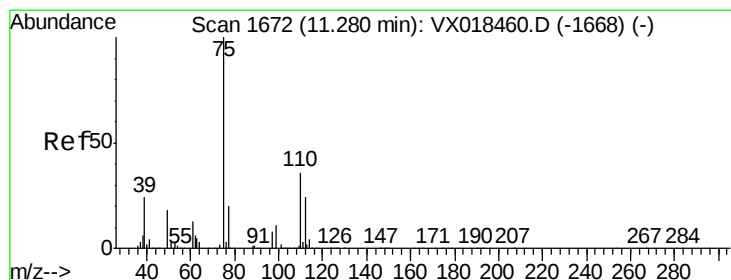
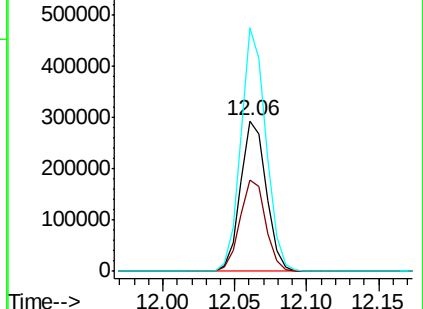
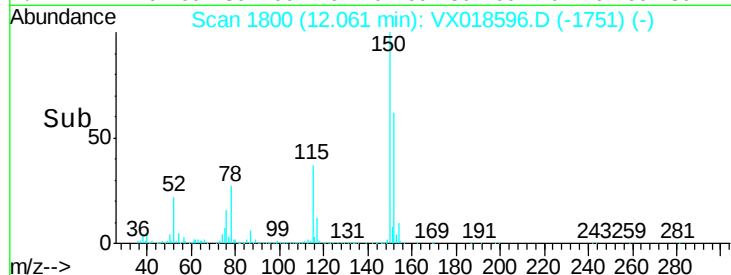
150 156.9 0.0 342.4



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



#76

1,2,3-Trichloropropane

Concen: 24.588 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX018596.D

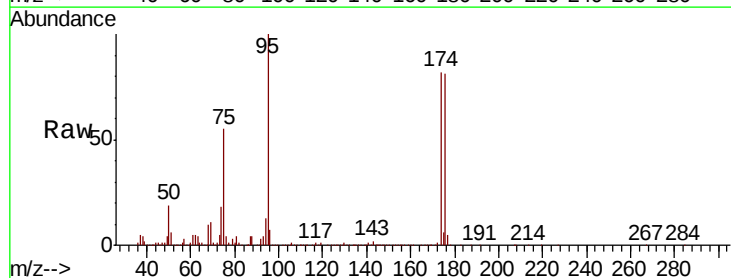
Acq: 25 Sep 2020 15:35

Tgt Ion: 75 Resp: 187188

Ion Ratio Lower Upper

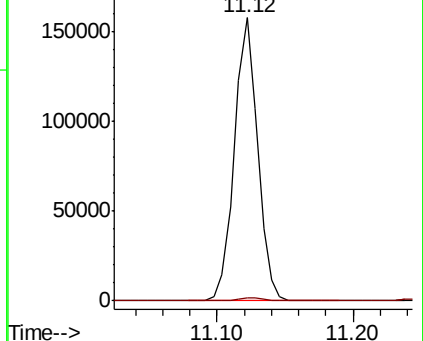
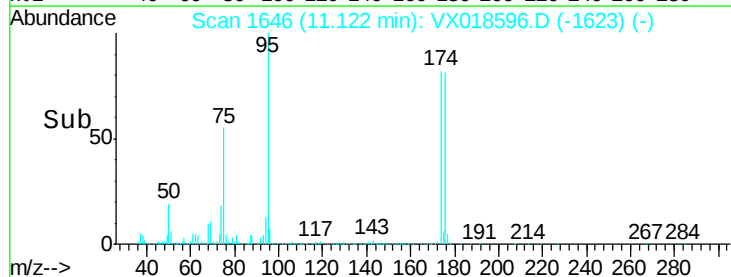
75 100

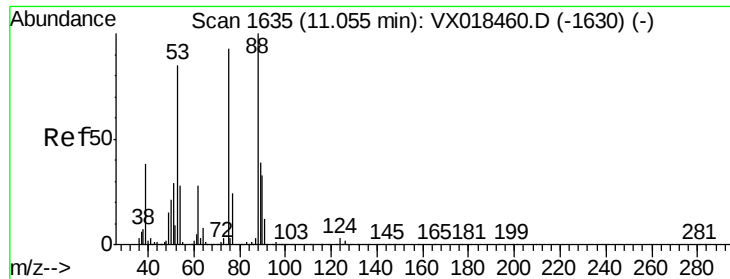
77 1.4 20.9 62.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 63.006 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.07 min

Lab File: VX018596.D

Acq: 25 Sep 2020 15:35

Instrument :

MSVOA_X

ClientSampleId :

TT180D1-20200921DL

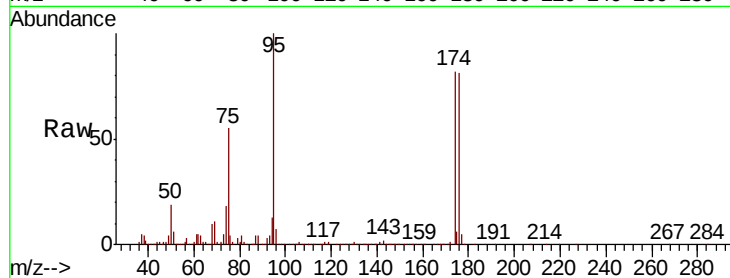
Tot Ion: 75 Resp: 187188

Ion Ratio Lower Upper

75 100

53 0.5 74.6 111.8#

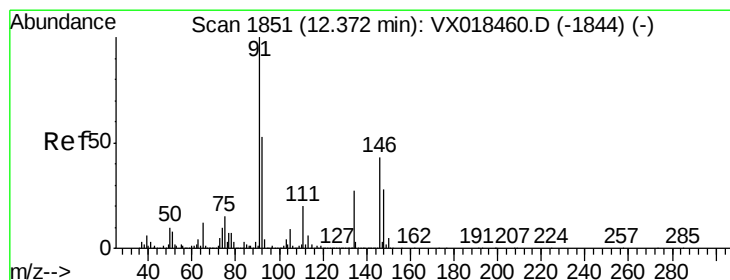
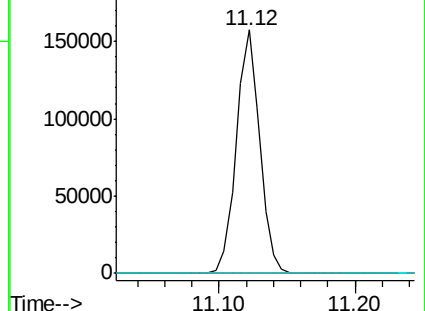
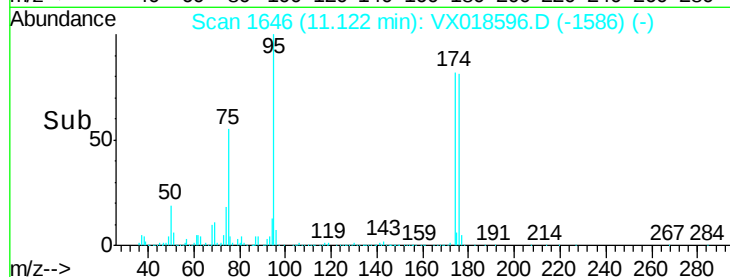
89 0.1 36.2 54.4#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#89

n-Butylbenzene

Concen: 0.202 ug/l

RT: 12.37 min Scan# 1850

Delta R.T. -0.01 min

Lab File: VX018596.D

Acq: 25 Sep 2020 15:35

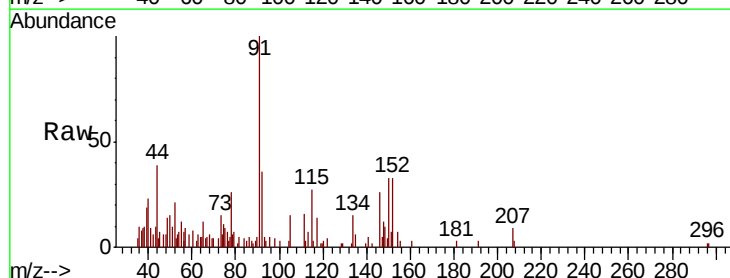
Tgt Ion: 91 Resp: 4077

Ion Ratio Lower Upper

91 100

92 53.1 26.1 78.2

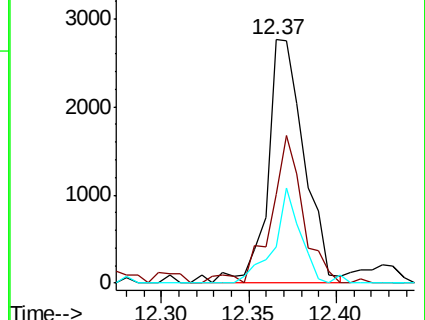
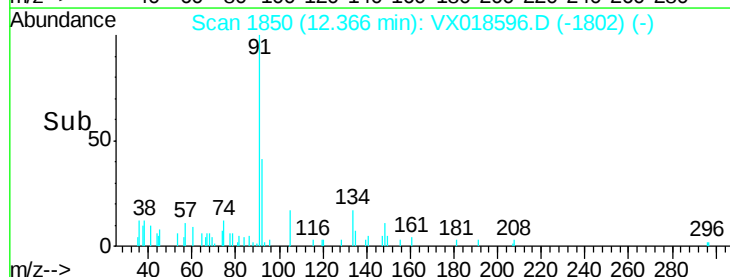
134 27.9 13.3 39.8

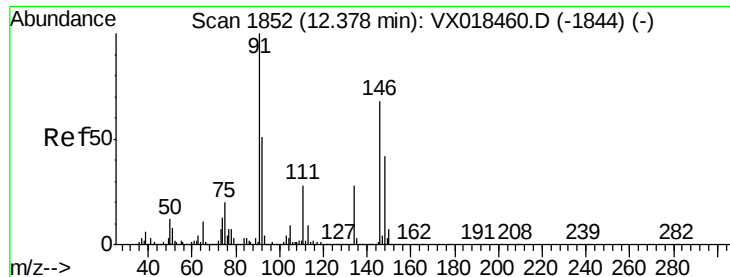


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#91

1,2-Dichlorobenzene

Concen: 0.225 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.01 min

Lab File: VX018596.D

Acq: 25 Sep 2020 15:35

Instrument :

MSVOA_X

ClientSampleId :

TT180D1-20200921DL

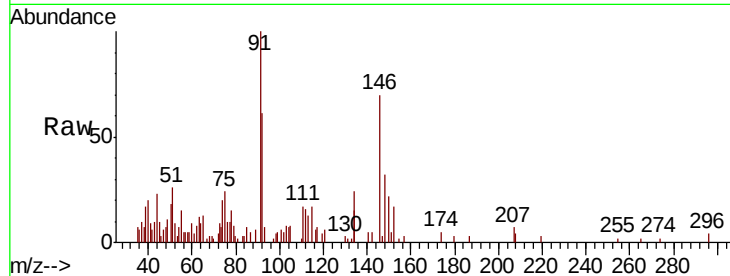
Tot Ion:146 Resp: 2534

Ion Ratio Lower Upper

146 100

111 40.9 21.5 64.5

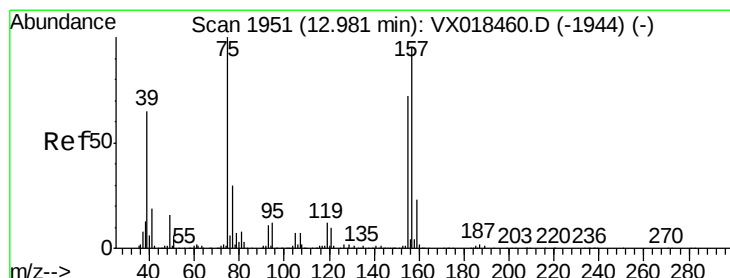
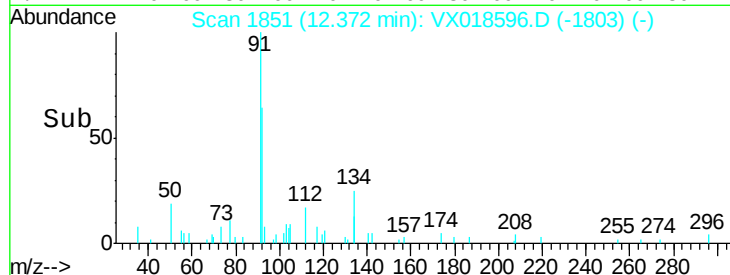
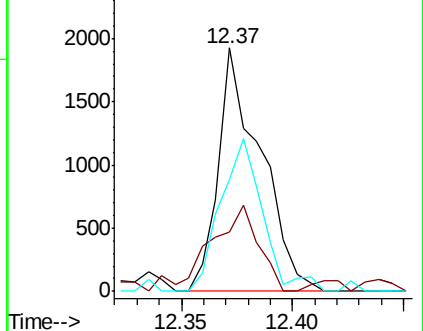
148 62.6 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.312 ug/l

RT: 12.99 min Scan# 1952

Delta R.T. 0.01 min

Lab File: VX018596.D

Acq: 25 Sep 2020 15:35

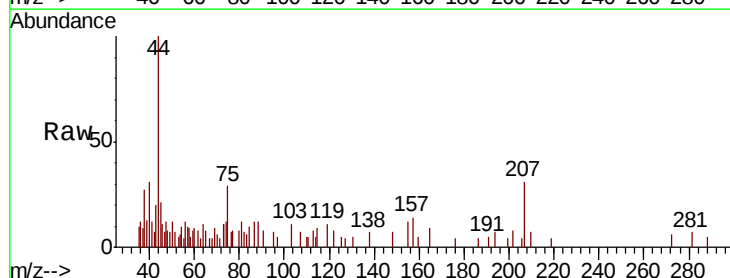
Tgt Ion: 75 Resp: 607

Ion Ratio Lower Upper

75 100

155 46.0 38.8 116.4

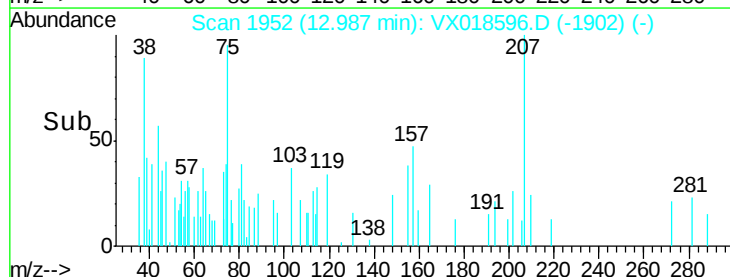
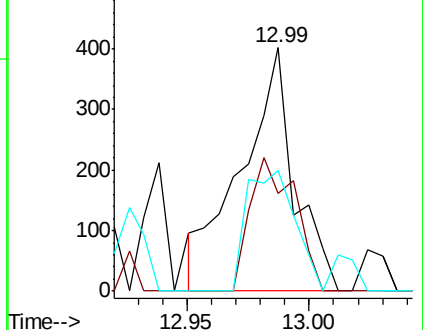
157 45.1 51.1 153.3#

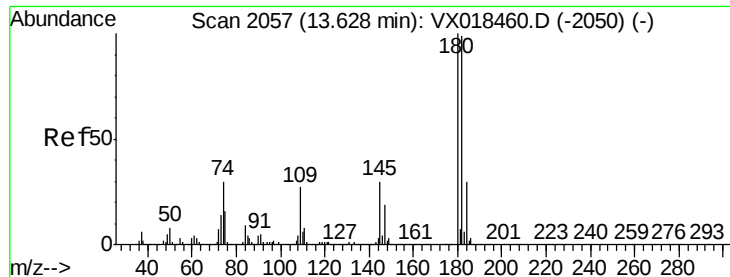


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

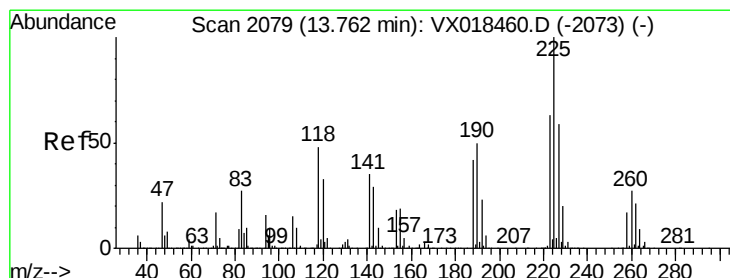
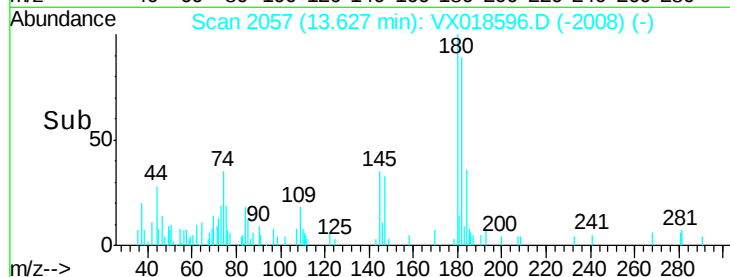
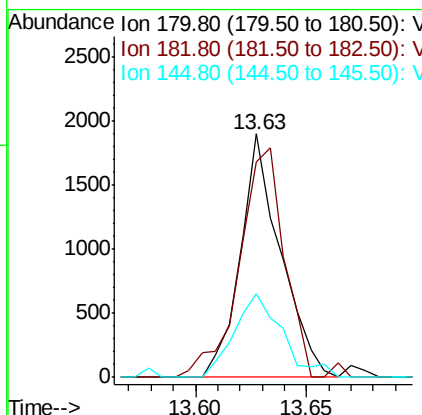
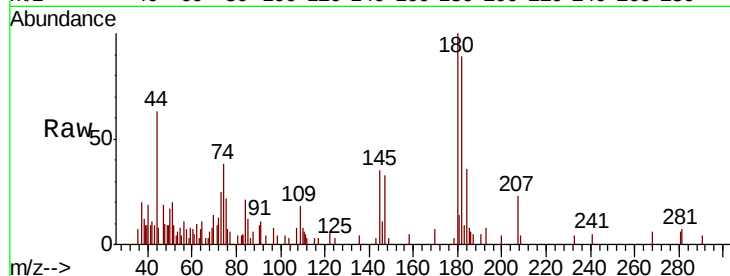




#93
 1,2,4-Trichlorobenzene
 Concen: 0.307 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018596.D
 Acq: 25 Sep 2020 15:35

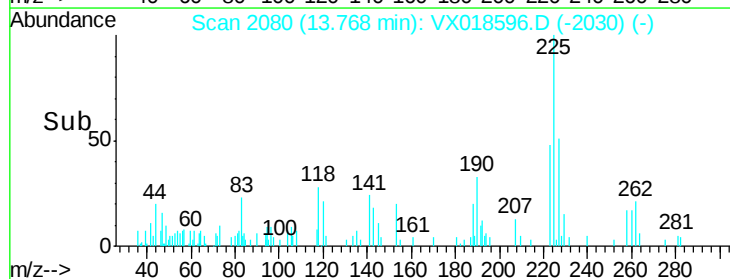
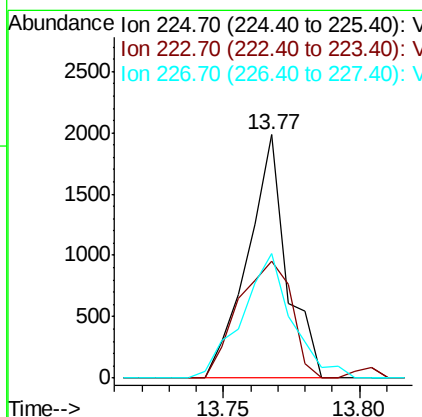
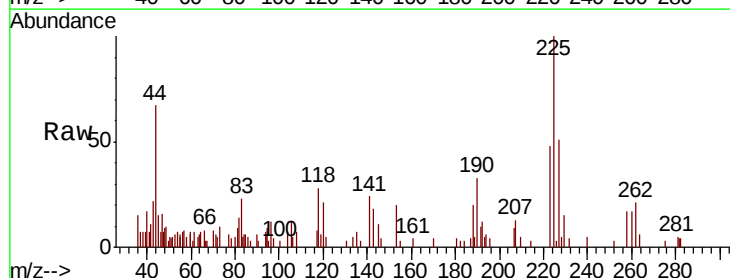
Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D1-20200921DL

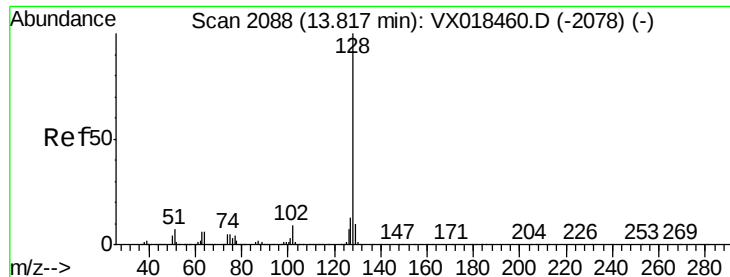
Tot Ion:180 Resp: 2398
 Ion Ratio Lower Upper
 180 100
 182 104.6 50.2 150.6
 145 40.8 15.7 47.1



#94
 Hexachlorobutadiene
 Concen: 0.600 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX018596.D
 Acq: 25 Sep 2020 15:35

Tgt Ion:225 Resp: 1970
 Ion Ratio Lower Upper
 225 100
 223 65.8 32.0 96.2
 227 65.7 31.7 95.1





#95

Naphthalene

Concen: 0.255 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018596.D

Acq: 25 Sep 2020 15:35

Instrument :

MSVOA_X

ClientSampleId :

TT180D1-20200921DL

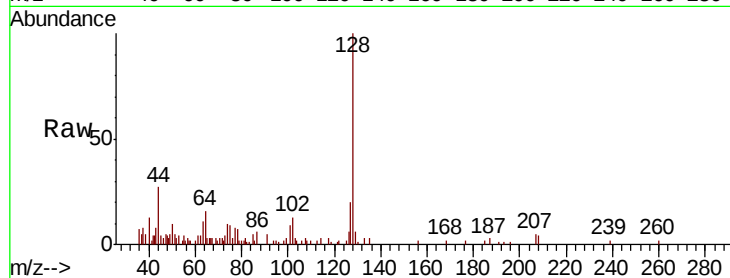
Tot Ion:128 Resp: 6023

Ion Ratio Lower Upper

128 100

127 16.1 10.3 15.5#

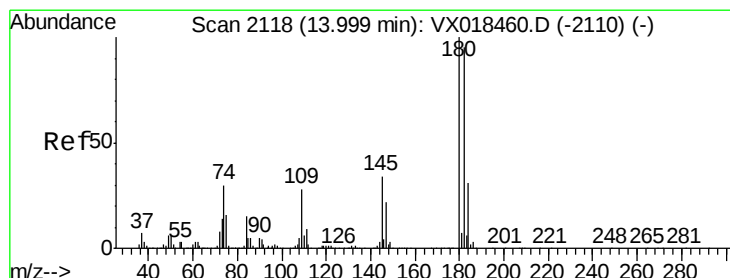
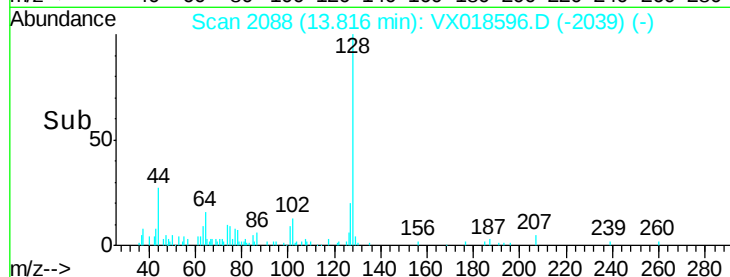
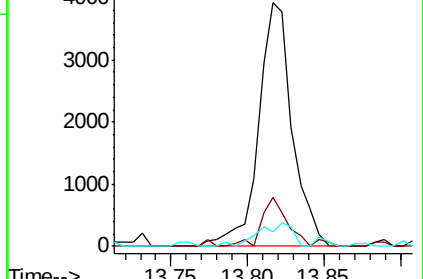
129 9.5 8.7 13.1



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



#96

1,2,3-Trichlorobenzene

Concen: 0.304 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX018596.D

Acq: 25 Sep 2020 15:35

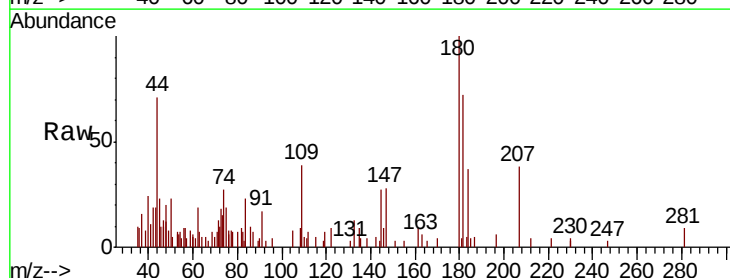
Tgt Ion:180 Resp: 2271

Ion Ratio Lower Upper

180 100

182 91.5 47.1 141.3

145 41.9 16.8 50.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

