

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092520\
 Data File : VX018600.D
 Acq On : 25 Sep 2020 17:02
 Operator : JC/SP
 Sample : L4118-21DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D2-20200921DL

Quant Time: Sep 28 01:54:40 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	487255	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	769478	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	742832	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	370366	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	336218	48.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.56%	
35) Dibromofluoromethane	5.47	113	263892	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	
50) Toluene-d8	8.70	98	945527	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	
62) 4-Bromofluorobenzene	11.12	95	354797	46.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	1046	0.226	ug/l	96
3) Chloromethane	1.31	50	1605	0.297	ug/l #	68
5) Bromomethane	1.64	94	2615	0.744	ug/l #	52
9) 1,1,2-Trichlorotrifluoroet	2.37	101	24396	5.211	ug/l	96
10) Methyl Iodide	2.49	142	3741	5.497	ug/l #	90
11) Tert butyl alcohol	2.99	59	20541	17.127	ug/l #	79
12) 1,1-Dichloroethene	2.36	96	16058	3.403	ug/l	84
13) Acrolein	2.27	56	906	1.193	ug/l #	65
15) Acrylonitrile	3.12	53	1335	0.467	ug/l #	88
16) Acetone	2.45	43	4411	1.673	ug/l #	74
17) Carbon Disulfide	2.56	76	5648	0.401	ug/l #	91
18) Methyl Acetate	2.75	43	2920	0.447	ug/l	95
20) Methylene Chloride	2.84	84	3278	0.564	ug/l #	63
21) trans-1,2-Dichloroethene	3.15	96	1160	0.212	ug/l #	36
24) 1,1-Dichloroethane	3.67	63	3967	0.400	ug/l #	81
27) cis-1,2-Dichloroethene	4.57	96	3205	0.521	ug/l	76
30) Chloroform	5.18	83	2462	0.245	ug/l	86
32) 1,1,1-Trichloroethane	5.46	97	4429	0.469	ug/l #	51
36) 1,1-Dichloropropene	5.63	75	37968	5.084	ug/l #	54
38) Carbon Tetrachloride	5.76	117	3526	0.426	ug/l #	78
42) 1,2-Dichloroethane	6.17	62	2181	0.262	ug/l	89
44) Trichloroethene	7.19	130	283496	45.754	ug/l	95
49) 1,4-Dioxane	7.71	88	83	0.780	ug/l #	1
51) 4-Methyl-2-Pentanone	8.62	43	2704	0.343	ug/l #	83
55) 1,1,2-Trichloroethane	9.20	97	1558	0.279	ug/l #	76
59) 2-Hexanone	9.60	43	99585	16.615	ug/l #	33
68) m/p-Xylenes	10.35	106	2257	0.225	ug/l	82
76) 1,2,3-Trichloropropane	11.12	75	183617	23.592	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.12	75	183617	60.454	ug/l #	12
87) 1,3-Dichlorobenzene	12.01	146	2656	0.216	ug/l	95
88) 1,4-Dichlorobenzene	12.01	146	2656	0.213	ug/l	92
93) 1,2,4-Trichlorobenzene	13.63	180	2262	0.283	ug/l	93
94) Hexachlorobutadiene	13.76	225	1390	0.414	ug/l	95
95) Naphthalene	13.82	128	6595	0.273	ug/l #	90

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QLast Update : Thu Sep 17 12:17:36 2020
Response via : Initial Calibration

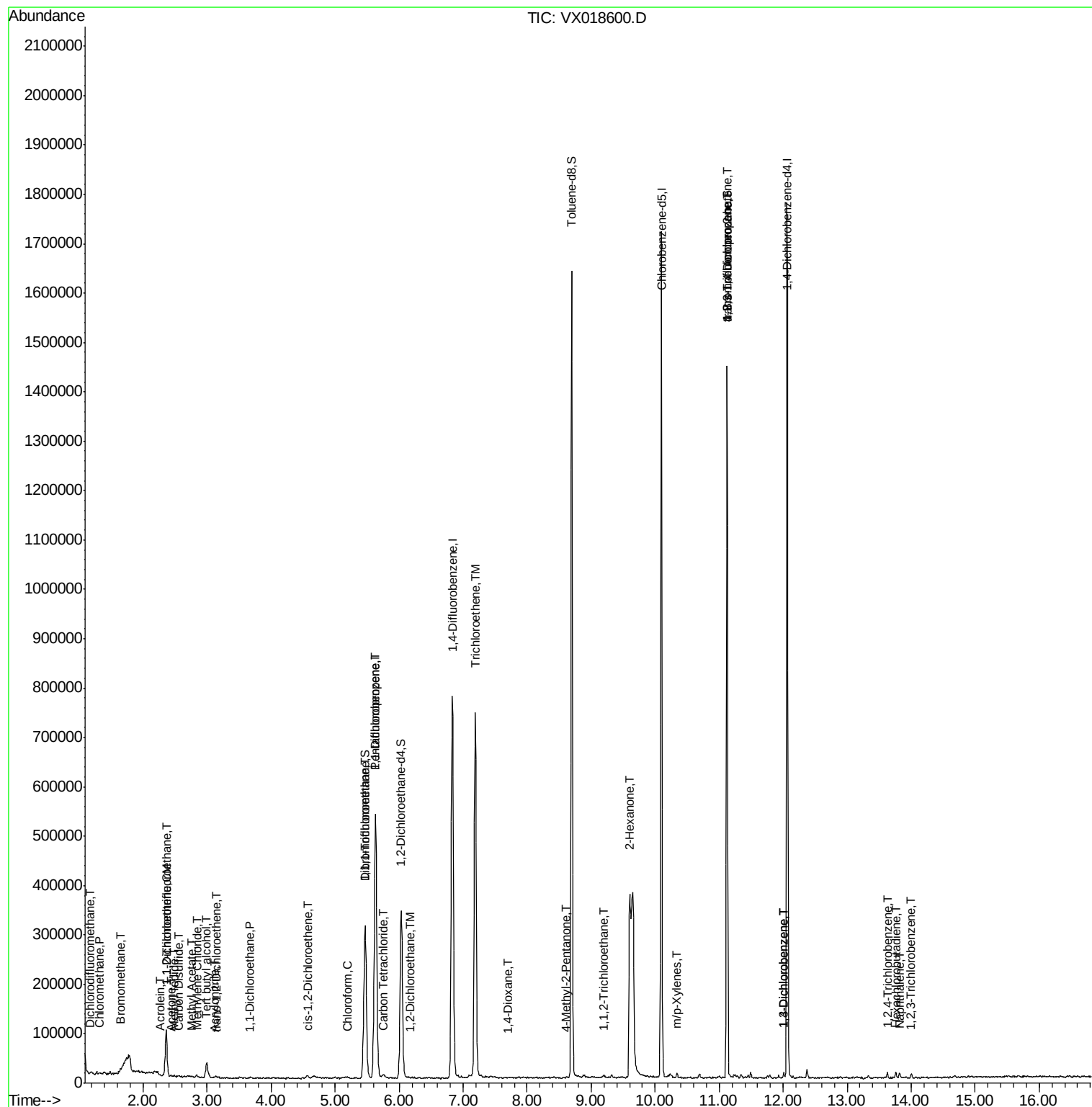
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	14.01	180	2007	0.263	ug/l	90

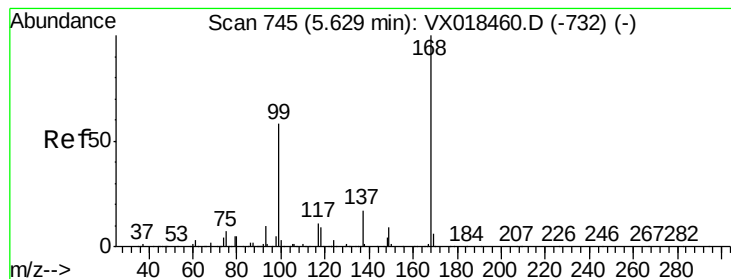
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX018600.D

Acq: 25 Sep 2020 17:02

Instrument :

MSVOA_X

ClientSampleId :

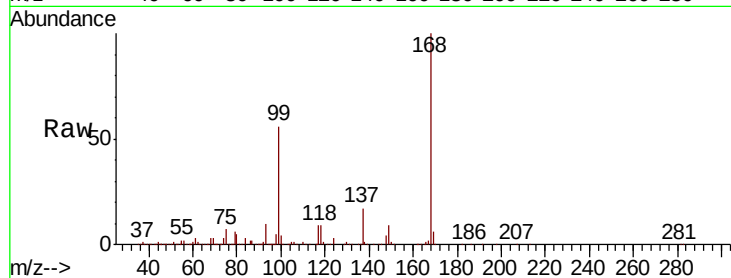
TT180D2-20200921DL

Tot Ion:168 Resp: 487255

Ion Ratio Lower Upper

168 100

99 56.3 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

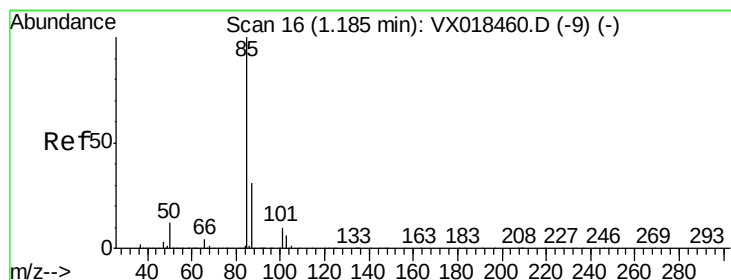
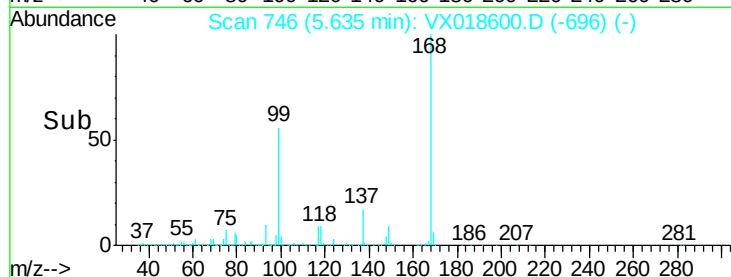
0

Time-->

5.50

5.60

5.70



#2

Dichlorodifluoromethane

Concen: 0.226 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018600.D

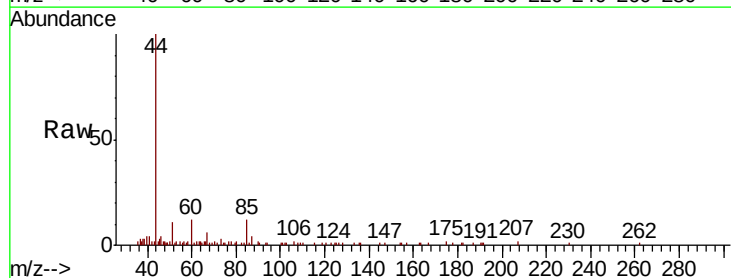
Acq: 25 Sep 2020 17:02

Tgt Ion: 85 Resp: 1046

Ion Ratio Lower Upper

85 100

87 29.3 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1200

1000

800

600

400

200

0

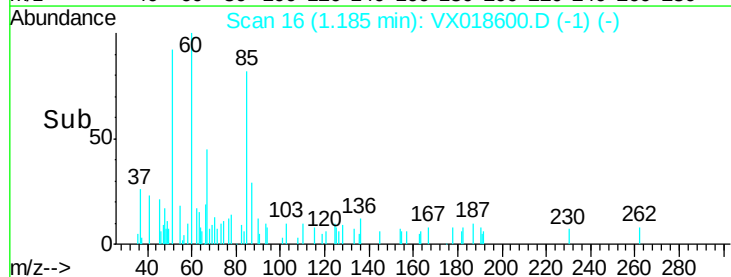
Time-->

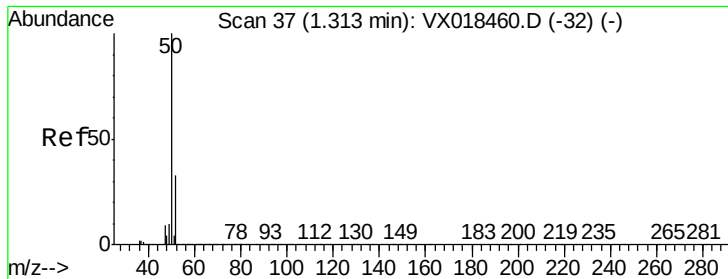
1.16

1.18

1.20

1.22





#3

Chloromethane

Concen: 0.297 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018600.D

Acq: 25 Sep 2020 17:02

Instrument :

MSVOA_X

ClientSampleId :

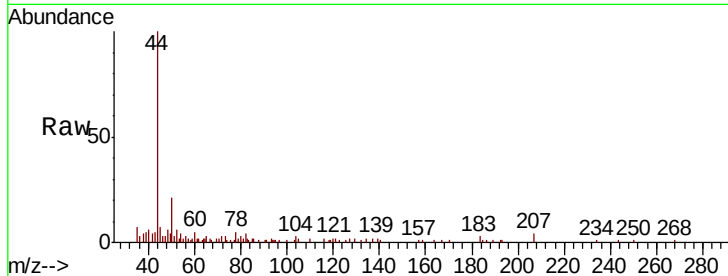
TT180D2-20200921DL

Tot Ion: 50 Resp: 1605

Ion Ratio Lower Upper

50 100

52 14.9 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

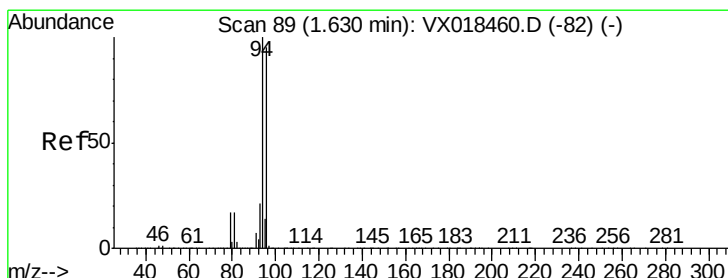
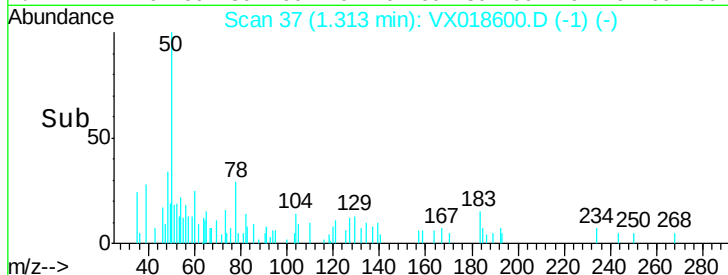
1500

1000

500

0

Time-->



#5

Bromomethane

Concen: 0.744 ug/l

RT: 1.64 min Scan# 91

Delta R.T. 0.01 min

Lab File: VX018600.D

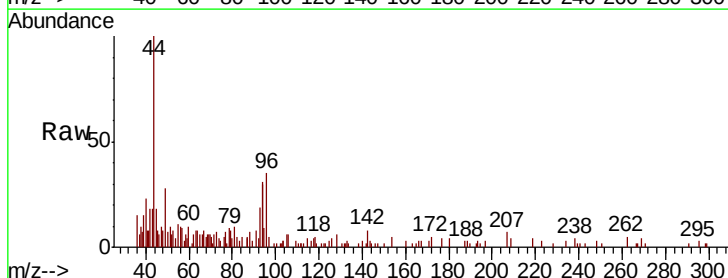
Acq: 25 Sep 2020 17:02

Tgt Ion: 94 Resp: 2615

Ion Ratio Lower Upper

94 100

96 47.9 75.5 113.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

2000

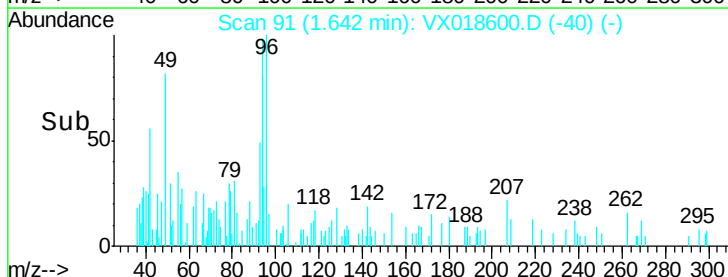
1500

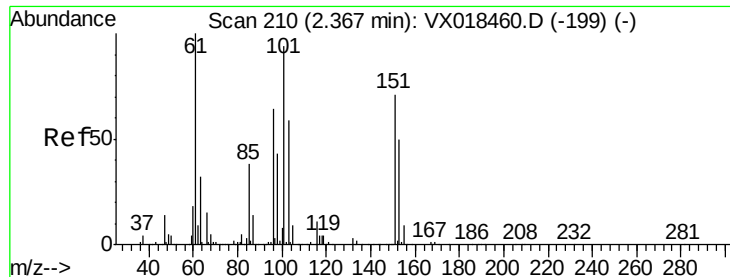
1000

500

0

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.211 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX018600.D

Acq: 25 Sep 2020 17:02

Instrument :

MSVOA_X

ClientSampleId :

TT180D2-20200921DL

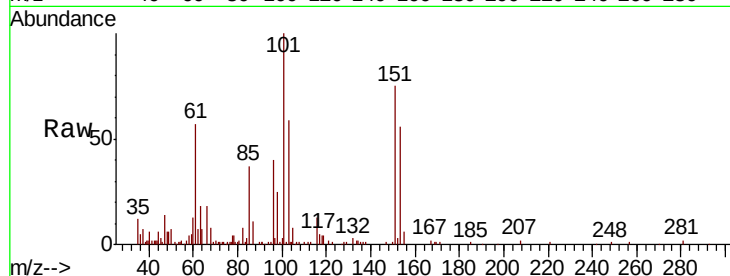
Tot Ion:101 Resp: 24396

Ion Ratio Lower Upper

101 100

85 43.7 34.7 52.1

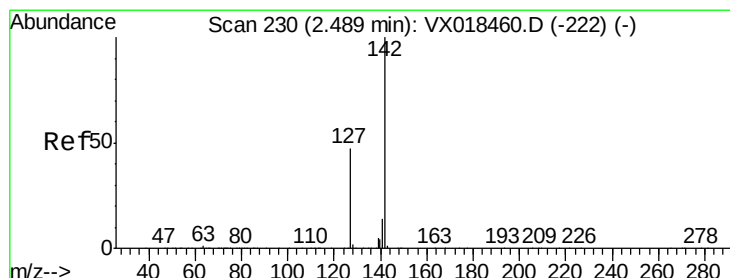
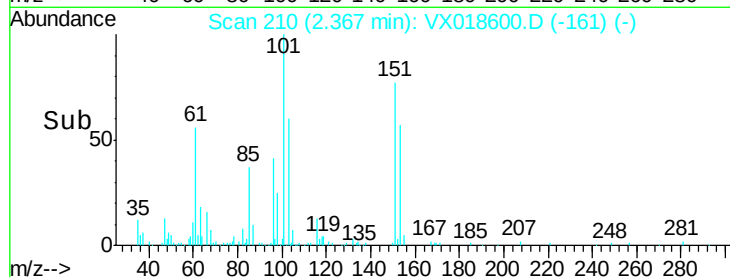
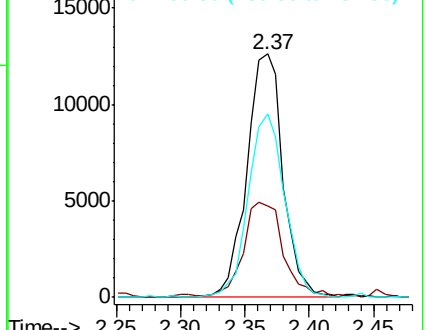
151 76.5 64.9 97.3



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: 5.497 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX018600.D

Acq: 25 Sep 2020 17:02

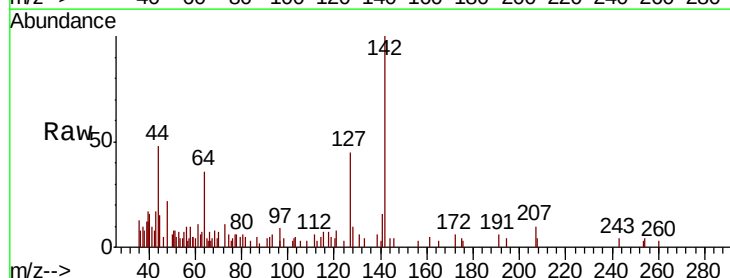
Tgt Ion:142 Resp: 3741

Ion Ratio Lower Upper

142 100

127 50.8 36.0 54.0

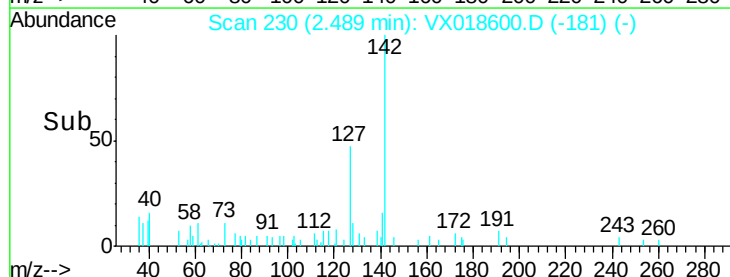
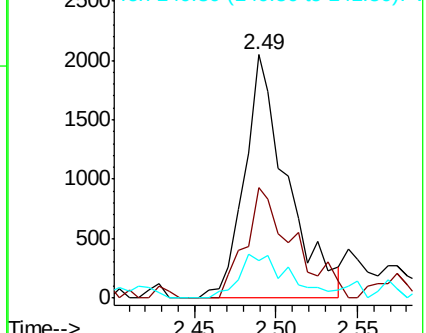
141 20.5 11.9 17.9#

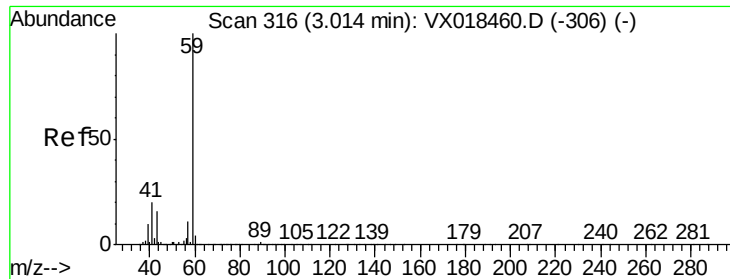


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



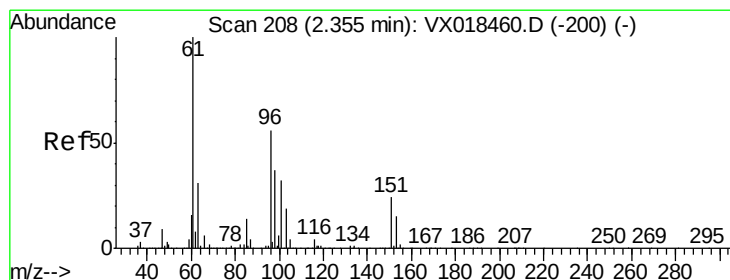
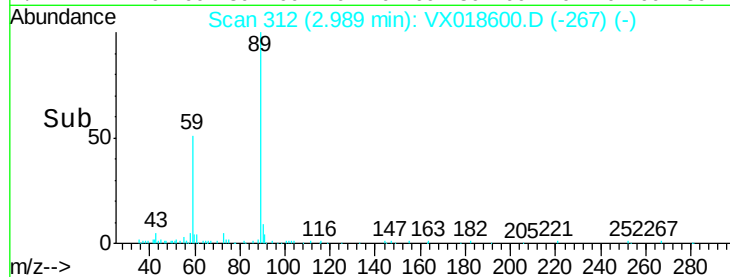
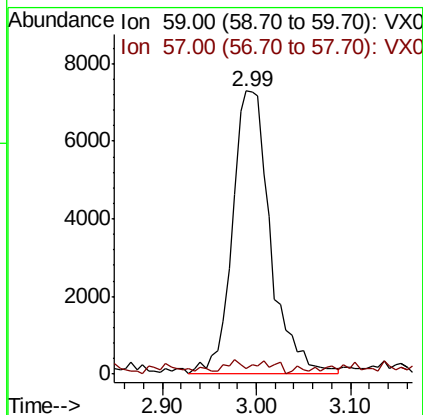
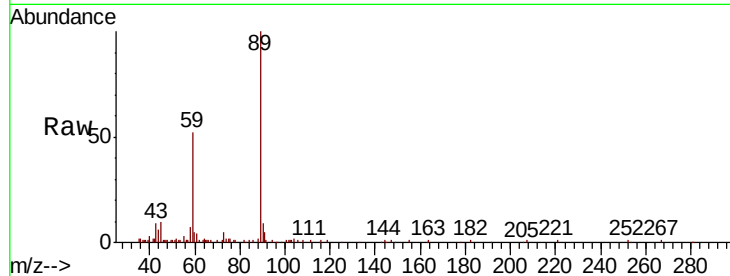


#11

Tert butyl alcohol
 Concen: 17.127 ug/l
 RT: 2.99 min Scan# 312
 Delta R.T. -0.02 min
 Lab File: VX018600.D
 Acq: 25 Sep 2020 17:02

Instrument :
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 ClientSampleId :
 TT180D2-20200921DL

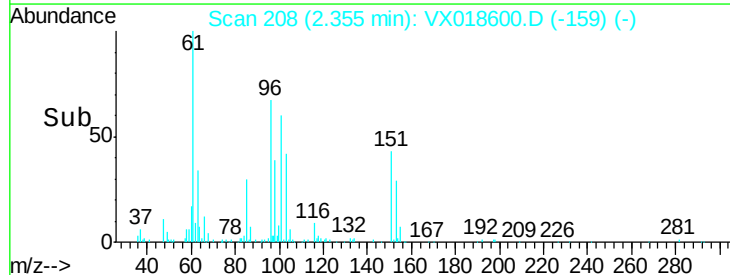
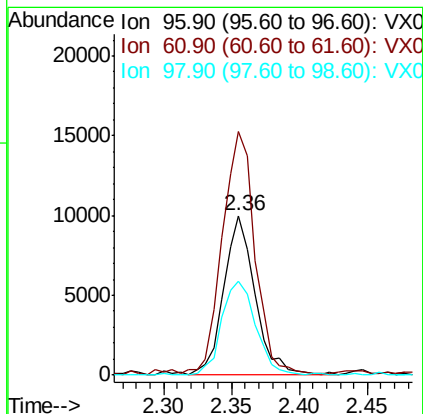
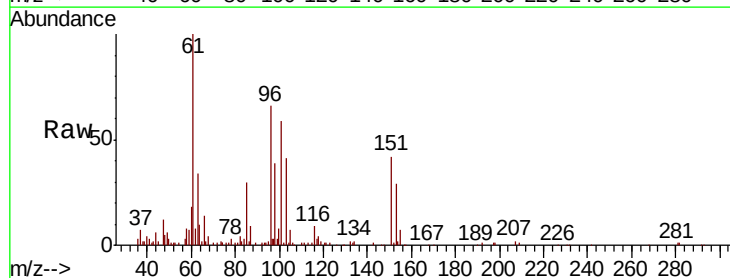
Tot Ion: 59 Resp: 20541
 Ion Ratio Lower Upper
 59 100
 57 2.3 8.2 12.4#

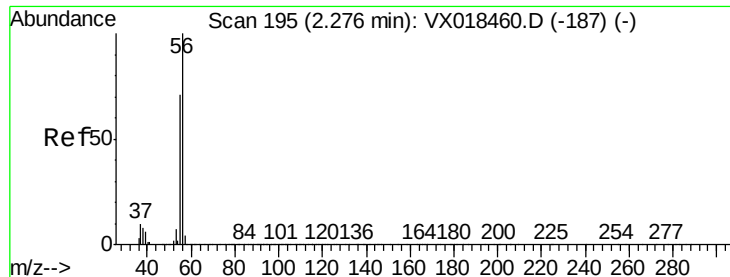


#12

1,1-Dichloroethene
 Concen: 3.403 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX018600.D
 Acq: 25 Sep 2020 17:02

Tgt Ion: 96 Resp: 16058
 Ion Ratio Lower Upper
 96 100
 61 150.8 142.2 213.4
 98 58.7 52.4 78.6





#13

Acrolein

Concen: 1.193 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018600.D

Acq: 25 Sep 2020 17:02

Instrument :

MSVOA_X

ClientSampleId :

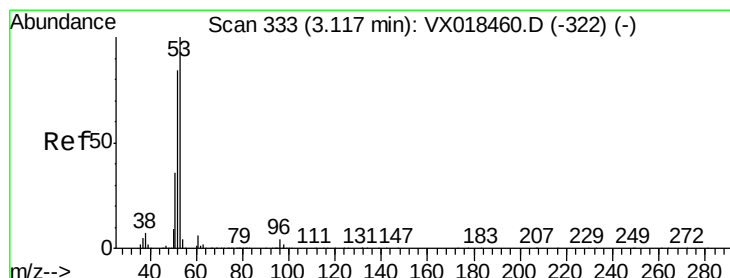
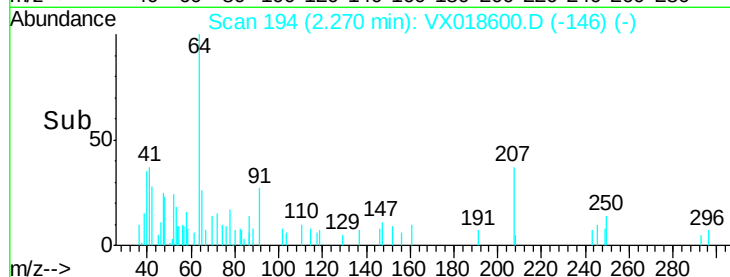
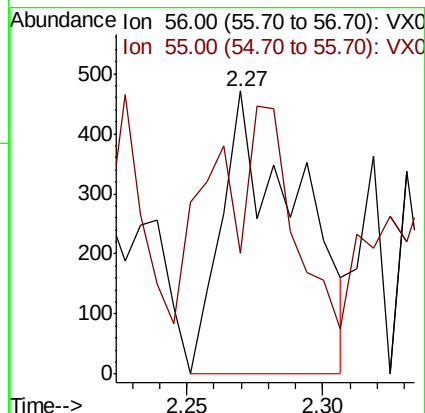
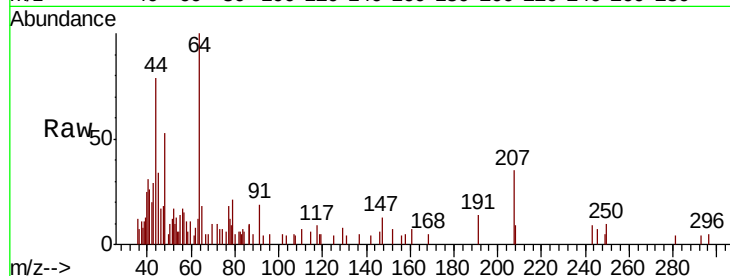
TT180D2-20200921DL

Tot Ion: 56 Resp: 906

Ion Ratio Lower Upper

56 100

55 43.3 58.2 87.4#



#15

Acrylonitrile

Concen: 0.467 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX018600.D

Acq: 25 Sep 2020 17:02

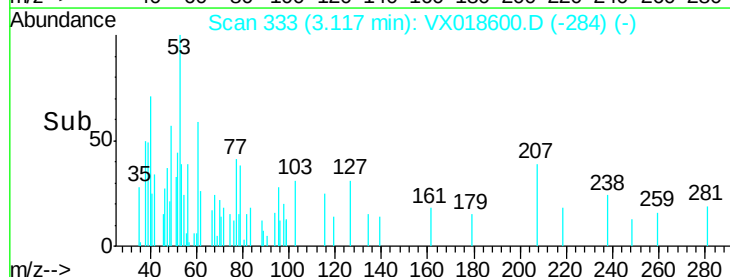
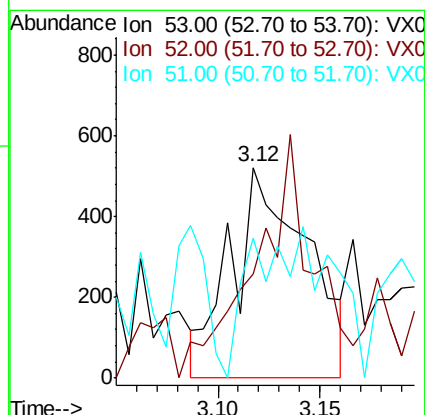
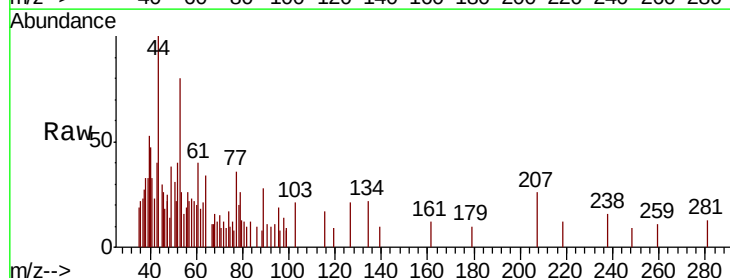
Tgt Ion: 53 Resp: 1335

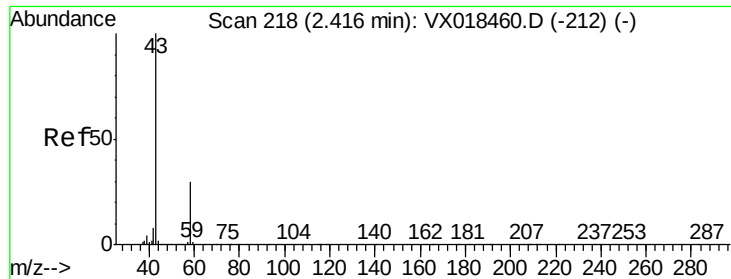
Ion Ratio Lower Upper

53 100

52 88.1 65.8 98.8

51 22.5 29.2 43.8#





#16

Acetone

Concen: 1.673 ug/l

RT: 2.45 min Scan# 223

Delta R.T. 0.03 min

Lab File: VX018600.D

Acq: 25 Sep 2020 17:02

Instrument :

MSVOA_X

ClientSampleId :

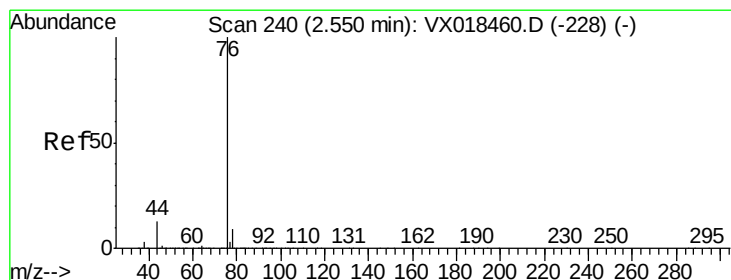
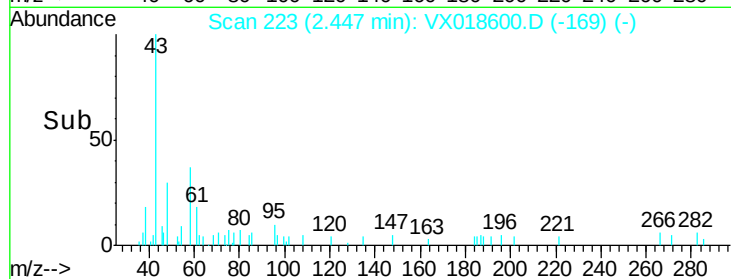
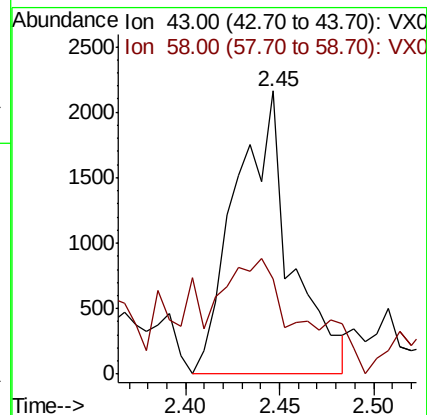
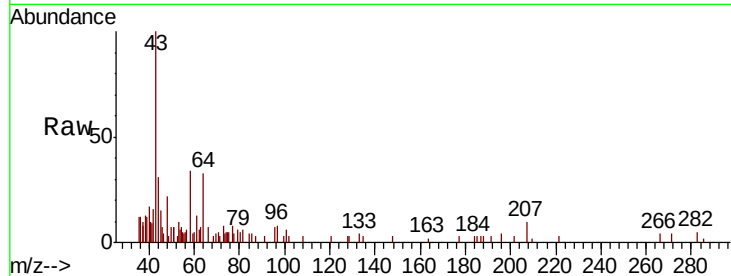
TT180D2-20200921DL

Tot Ion: 43 Resp: 4411

Ion Ratio Lower Upper

43 100

58 15.7 24.0 36.0#



#17

Carbon Disulfide

Concen: 0.401 ug/l

RT: 2.56 min Scan# 241

Delta R.T. 0.01 min

Lab File: VX018600.D

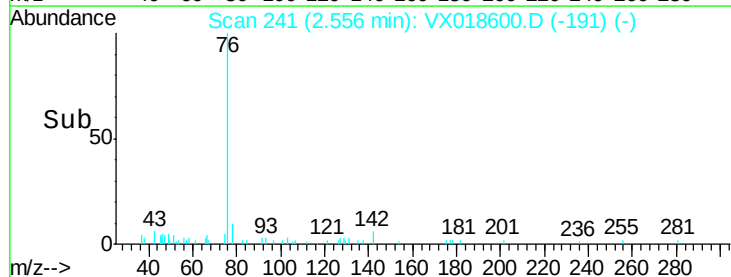
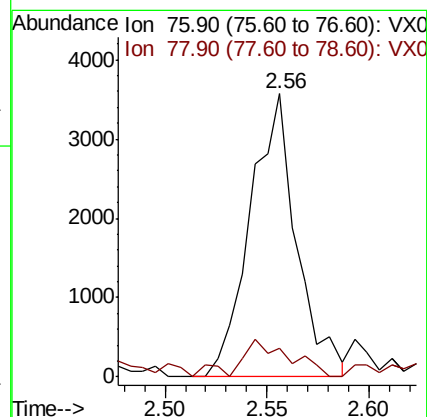
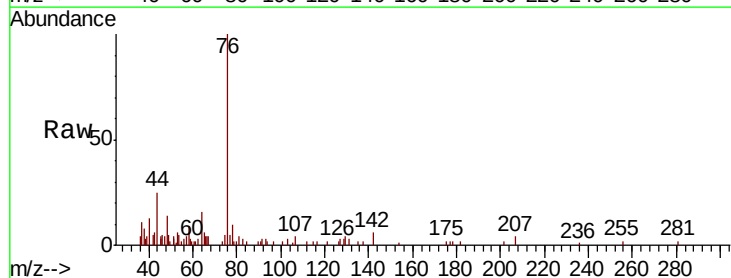
Acq: 25 Sep 2020 17:02

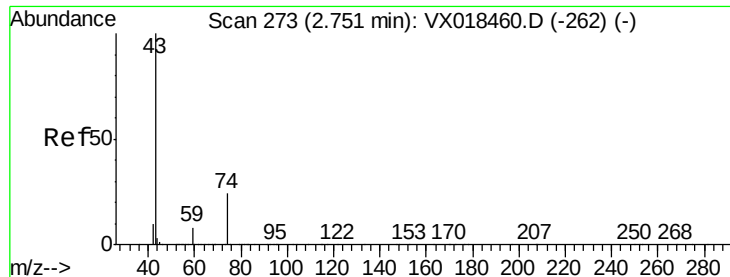
Tgt Ion: 76 Resp: 5648

Ion Ratio Lower Upper

76 100

78 12.0 7.0 10.4#

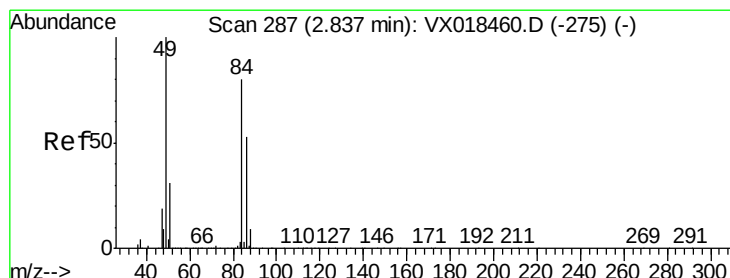
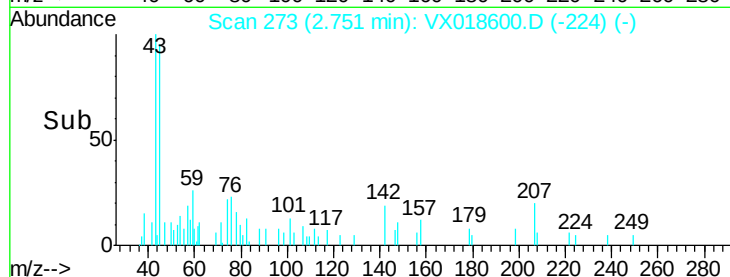
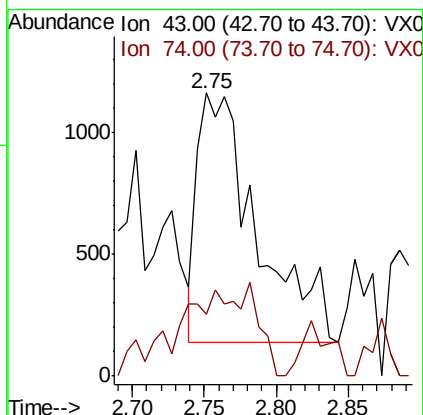
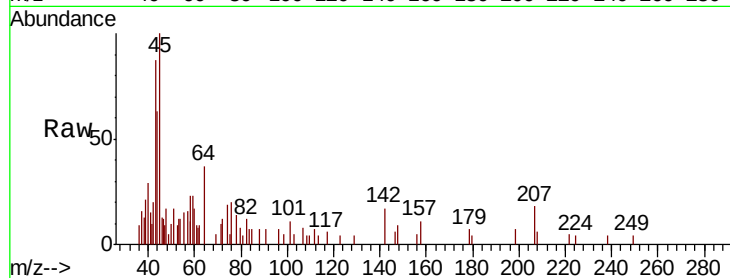




#18
Methyl Acetate
Concen: 0.447 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX018600.D
Acq: 25 Sep 2020 17:02

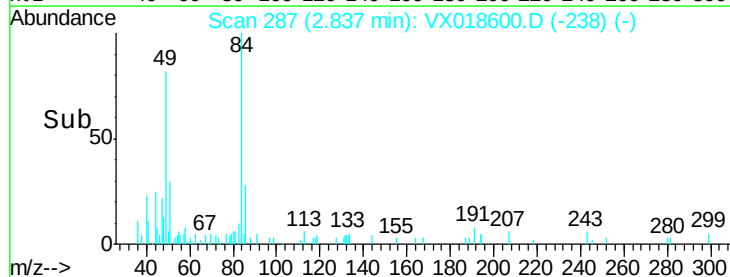
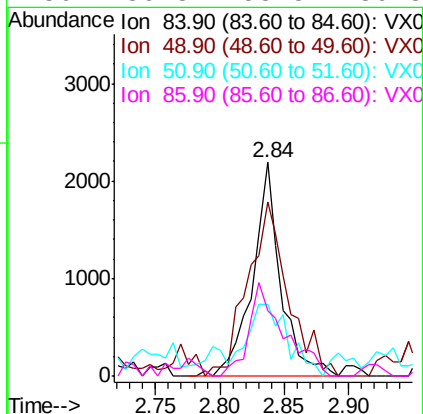
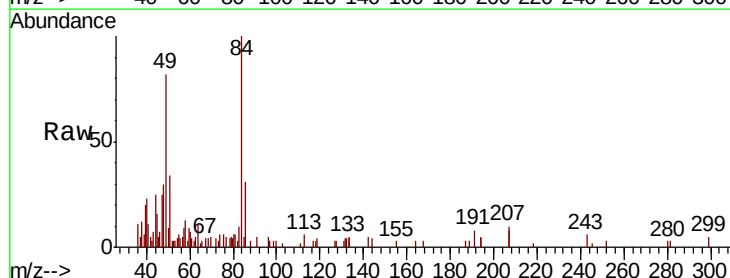
Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20200921DL

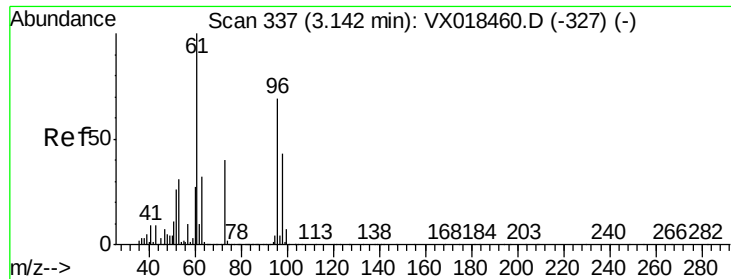
Tot Ion: 43 Resp: 2920
Ion Ratio Lower Upper
43 100
74 25.5 18.3 27.5



#20
Methylene Chloride
Concen: 0.564 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX018600.D
Acq: 25 Sep 2020 17:02

Tgt Ion: 84 Resp: 3278
Ion Ratio Lower Upper
84 100
49 81.7 100.6 151.0#
51 28.7 30.9 46.3#
86 30.8 53.5 80.3#





#21

trans-1,2-Dichloroethene

Concen: 0.212 ug/l

RT: 3.15 min Scan# 338

Delta R.T. 0.01 min

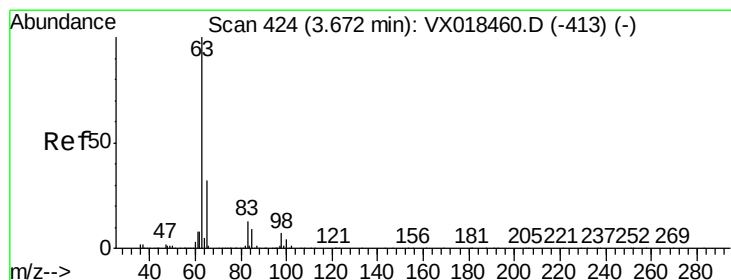
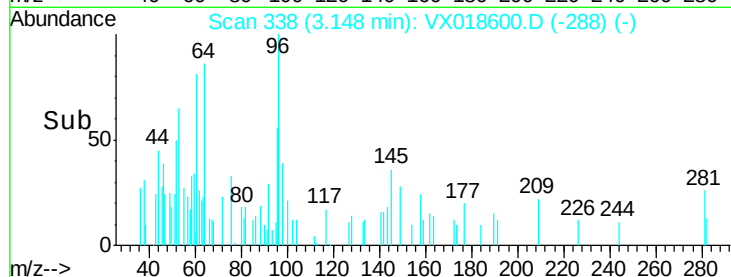
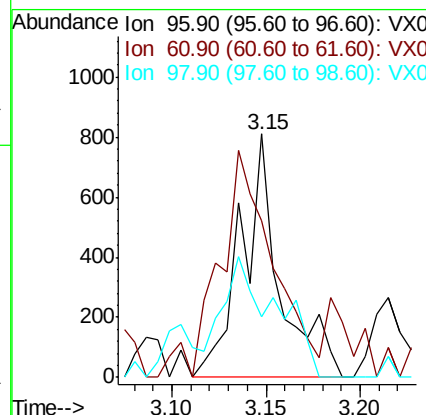
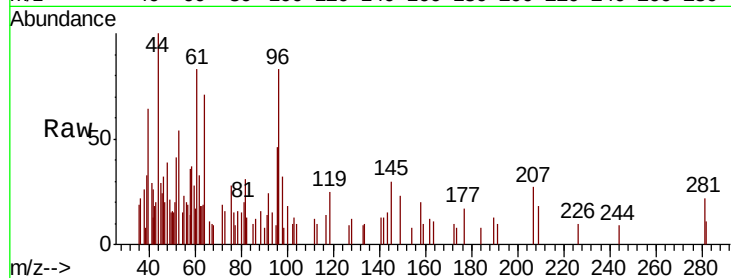
Lab File: VX018600.D

Acq: 25 Sep 2020 17:02

Instrument :
MSVOA_X
ClientSampleID :
TT180D2-20200921DL

Tot Ion: 96 Resp: 1160

Ion	Ratio	Lower	Upper
96	100		
61	57.6	115.6	173.4#
98	24.9	50.2	75.4#



#24

1,1-Dichloroethane

Concen: 0.400 ug/l

RT: 3.67 min Scan# 423

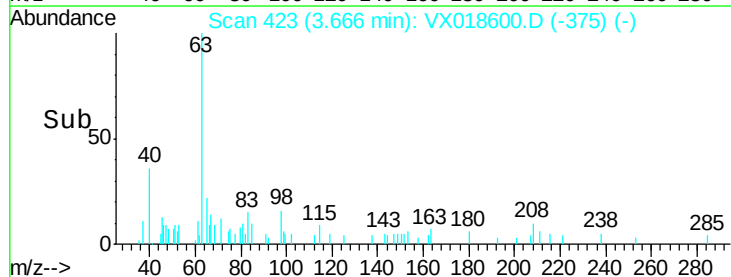
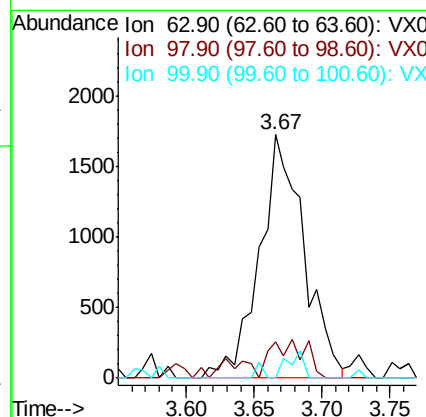
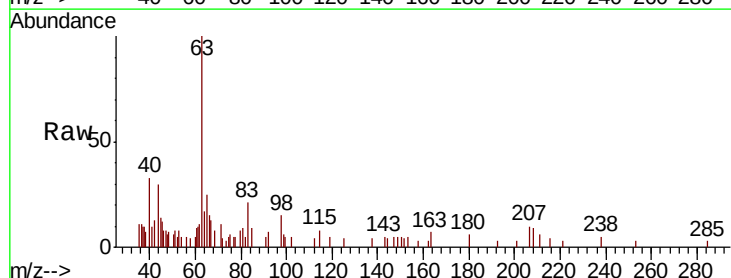
Delta R.T. -0.01 min

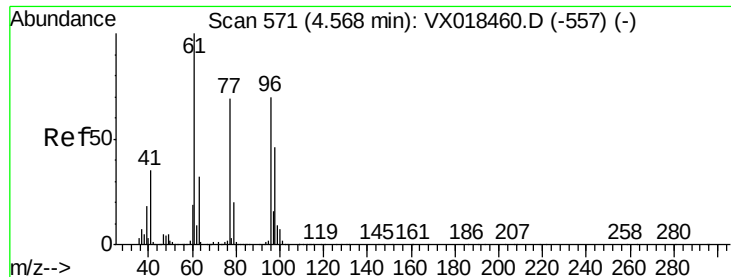
Lab File: VX018600.D

Acq: 25 Sep 2020 17:02

Tgt Ion: 63 Resp: 3967

Ion	Ratio	Lower	Upper
63	100		
98	15.0	3.5	10.6#
100	0.0	1.9	5.7#



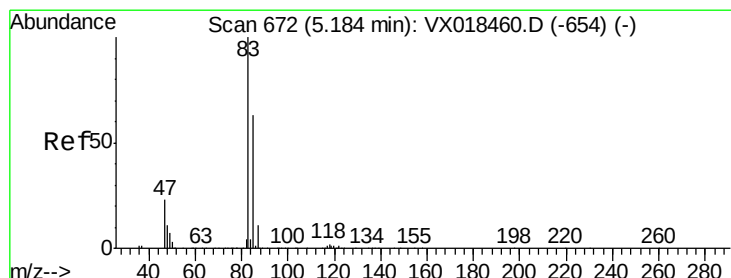
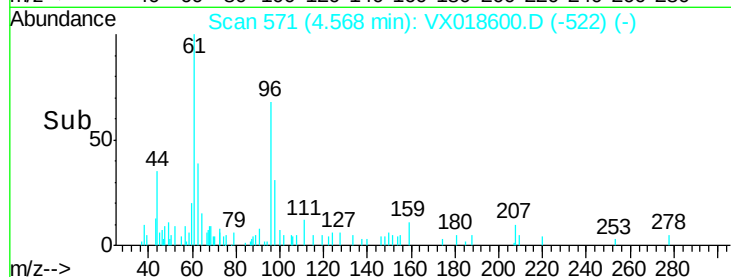
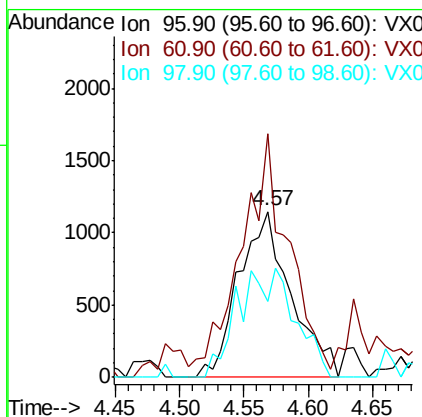
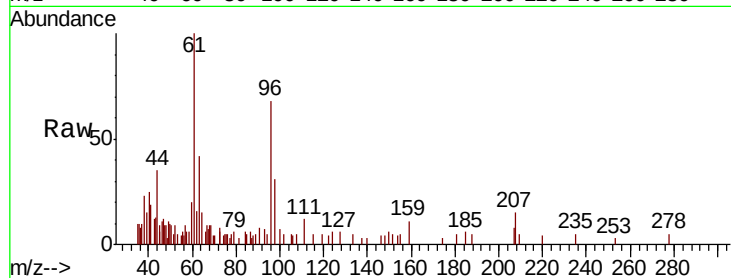


#27

cis-1,2-Dichloroethene
Concen: 0.521 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX018600.D
Acq: 25 Sep 2020 17:02

Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20200921DL

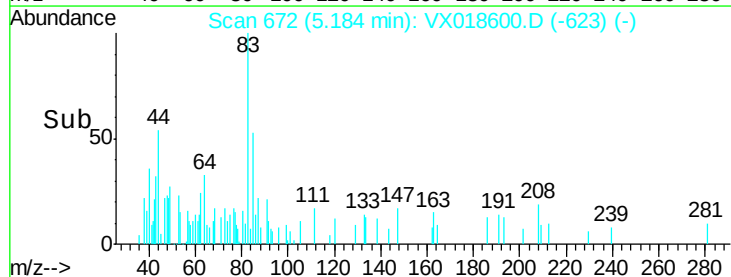
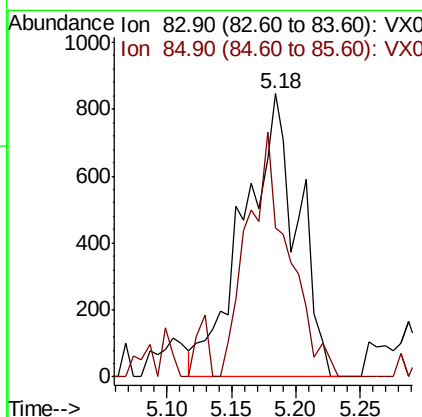
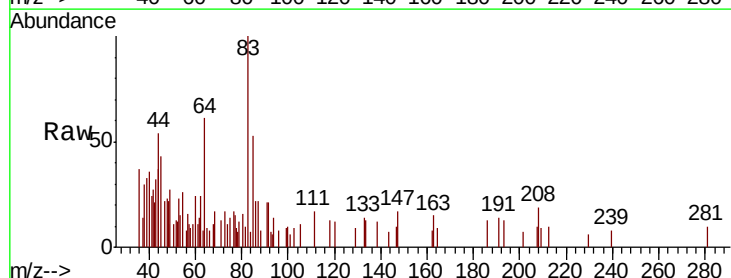
Tot Ion	96	Resp:	3205
Ion	Ratio	Lower	Upper
96	100		
61	123.6	0.0	300.0
98	39.8	0.0	130.4

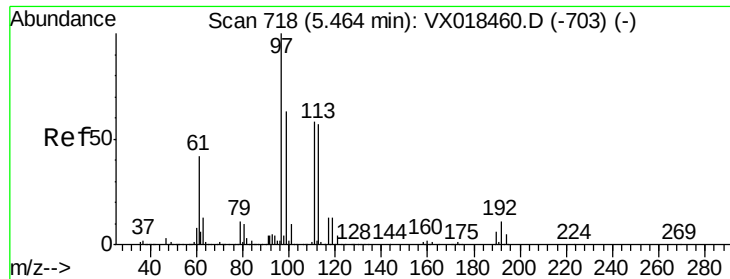


#30

Chloroform
Concen: 0.245 ug/l
RT: 5.18 min Scan# 672
Delta R.T. -0.00 min
Lab File: VX018600.D
Acq: 25 Sep 2020 17:02

Tgt Ion	83	Resp:	2462
Ion	Ratio	Lower	Upper
83	100		
85	52.7	50.6	76.0





#32

1,1,1-Trichloroethane

Concen: 0.469 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX018600.D

Acq: 25 Sep 2020 17:02

Instrument :

MSVOA_X

ClientSampleId :

TT180D2-20200921DL

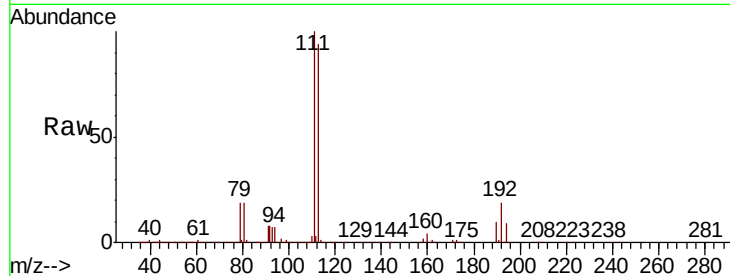
Tot Ion: 97 Resp: 4429

Ion Ratio Lower Upper

97 100

99 0.0 50.5 75.7#

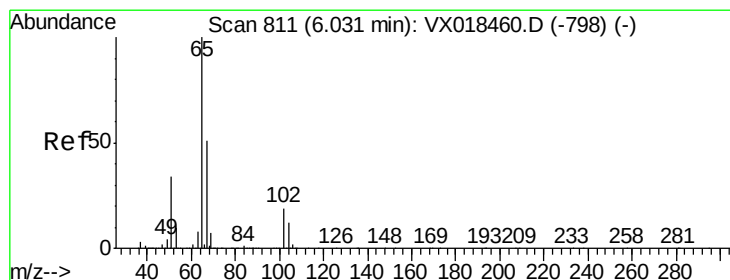
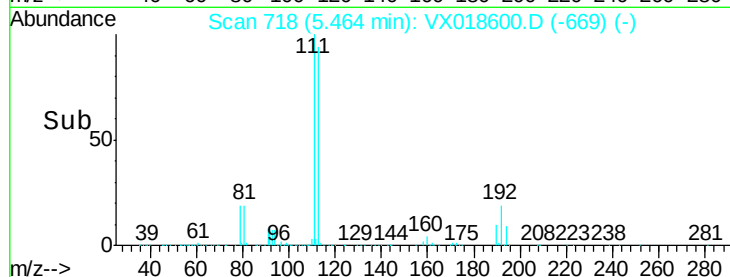
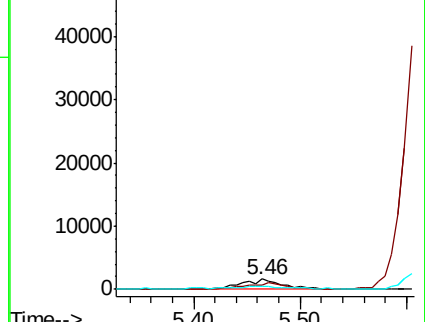
61 42.5 33.4 50.2



Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 48.777 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018600.D

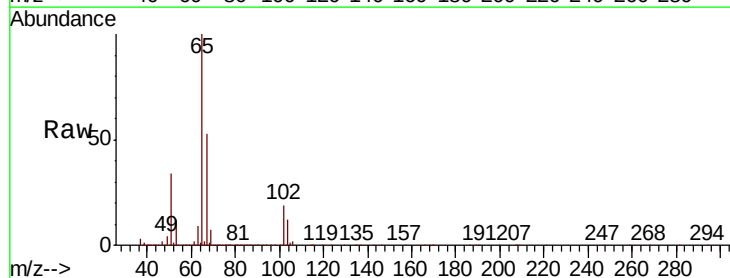
Acq: 25 Sep 2020 17:02

Tgt Ion: 65 Resp: 336218

Ion Ratio Lower Upper

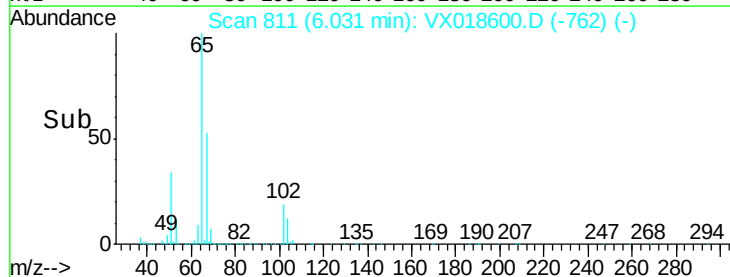
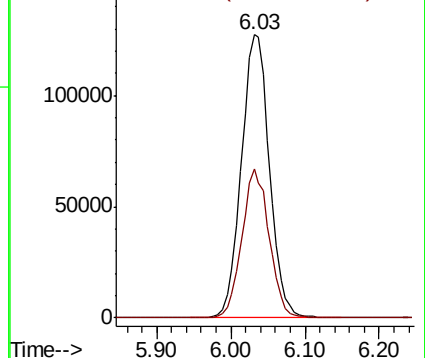
65 100

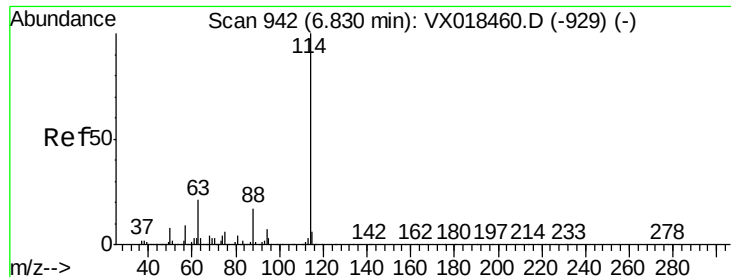
67 51.4 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

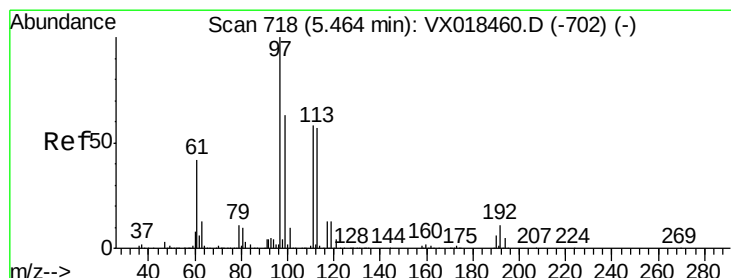
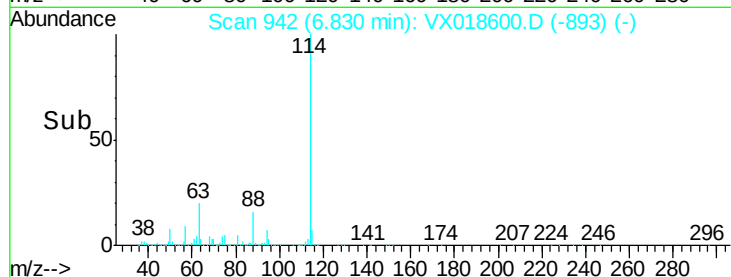
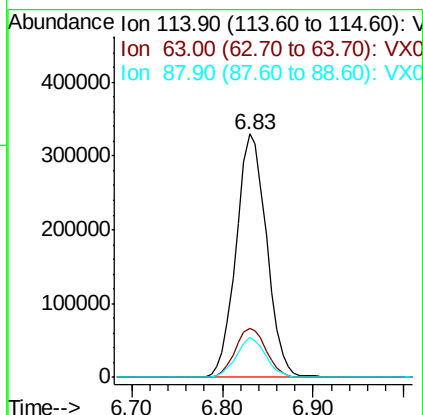
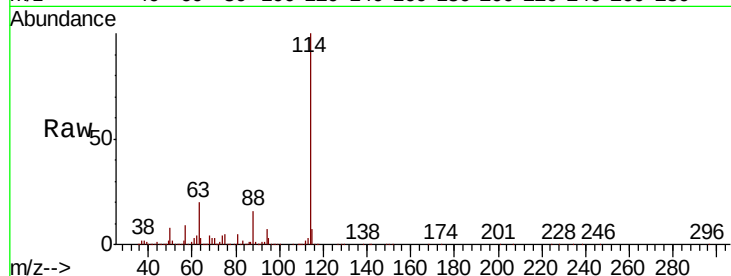




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX018600.D
 Acq: 25 Sep 2020 17:02

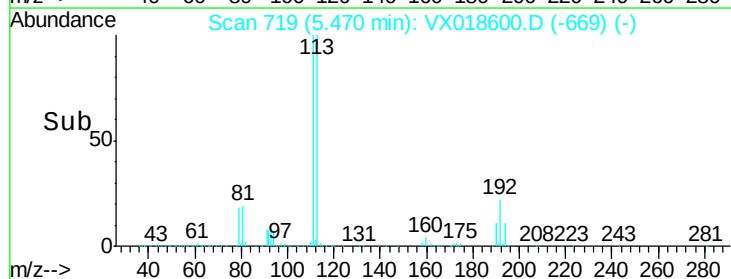
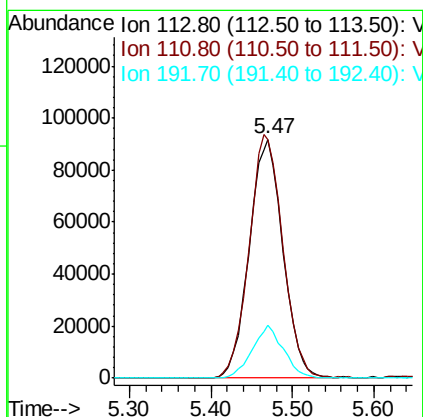
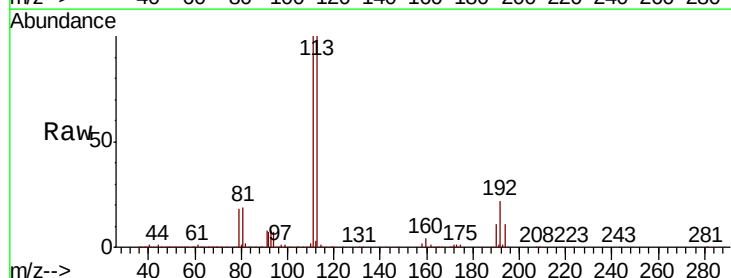
Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D2-20200921DL

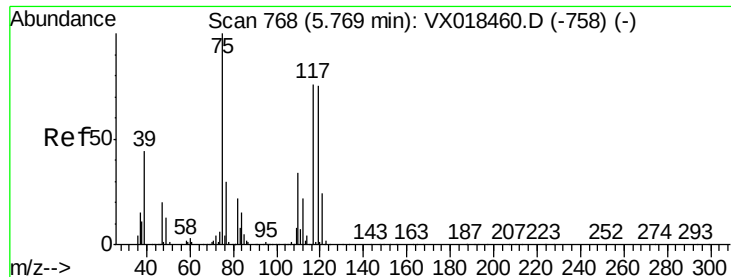
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	42.8
88	16.2	0.0	33.6



#35
 Dibromofluoromethane
 Concen: 49.608 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: VX018600.D
 Acq: 25 Sep 2020 17:02

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.4	122.2
192	20.6	16.6	24.8





#36

1,1-Dichloropropene

Concen: 5.084 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.14 min

Lab File: VX018600.D

Acq: 25 Sep 2020 17:02

Instrument :

MSVOA_X

ClientSampleId :

TT180D2-20200921DL

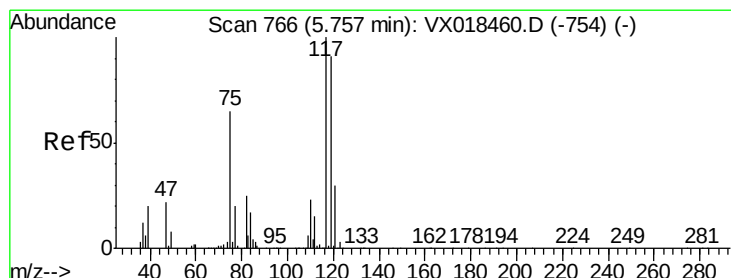
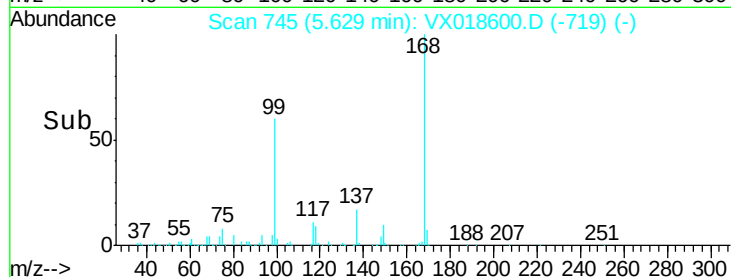
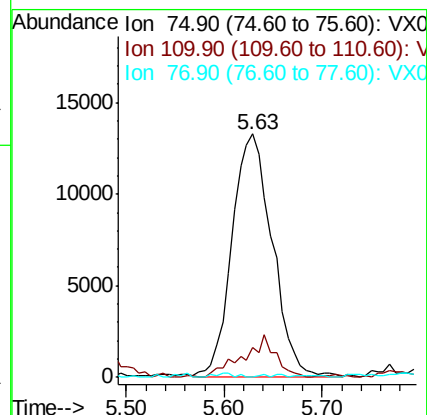
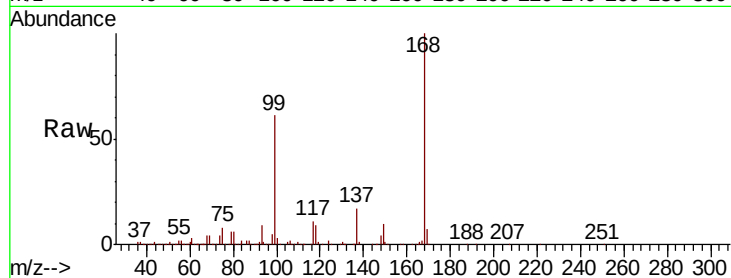
Tot Ion: 75 Resp: 37968

Ion Ratio Lower Upper

75 100

110 13.9 17.6 52.8#

77 0.2 25.0 37.6#



#38

Carbon Tetrachloride

Concen: 0.426 ug/l

RT: 5.76 min Scan# 766

Delta R.T. -0.00 min

Lab File: VX018600.D

Acq: 25 Sep 2020 17:02

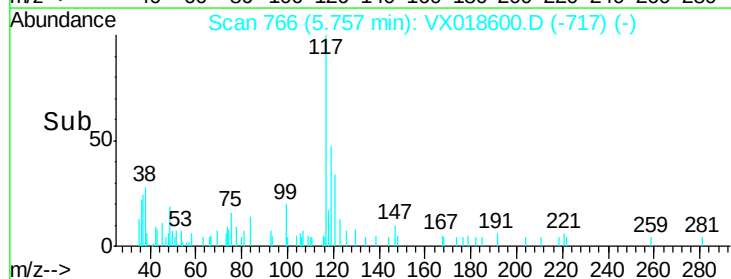
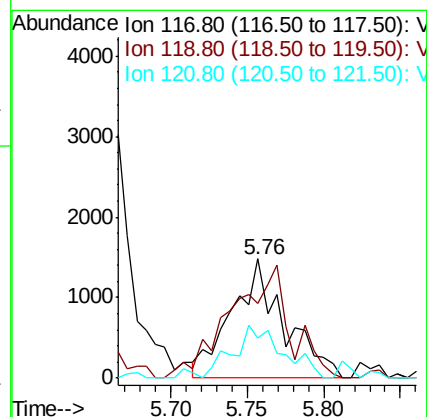
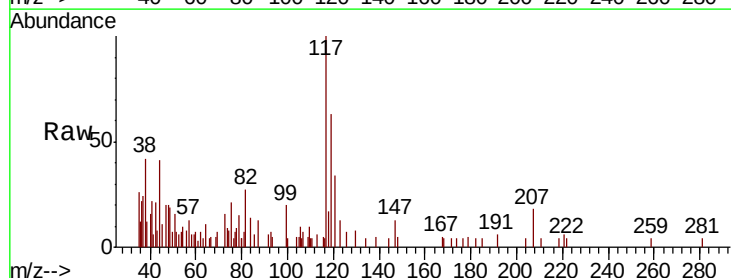
Tgt Ion:117 Resp: 3526

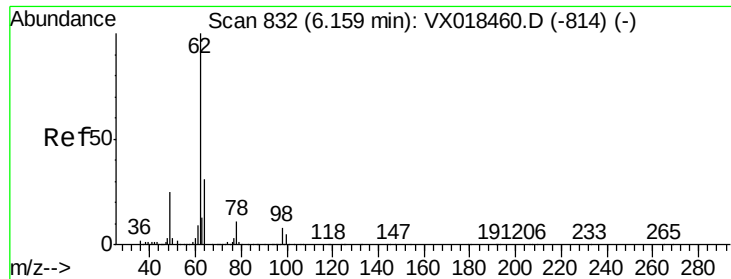
Ion Ratio Lower Upper

117 100

119 63.0 72.3 108.5#

121 29.3 23.8 35.8

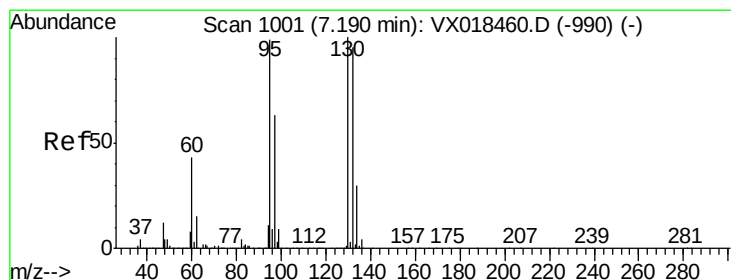
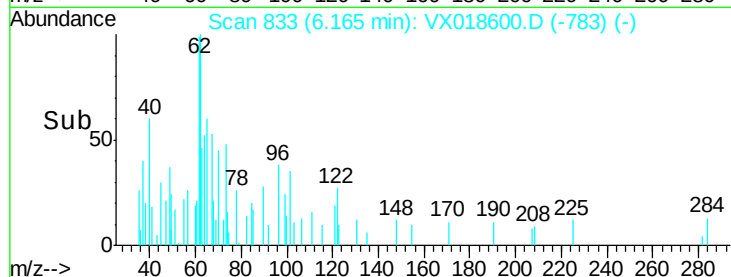
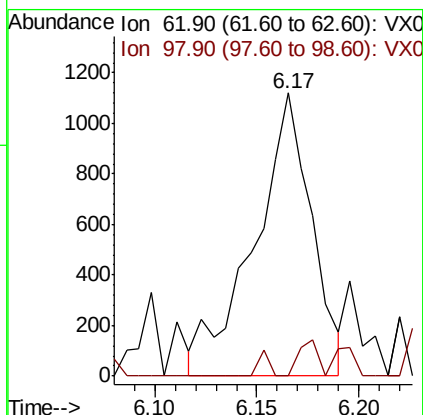
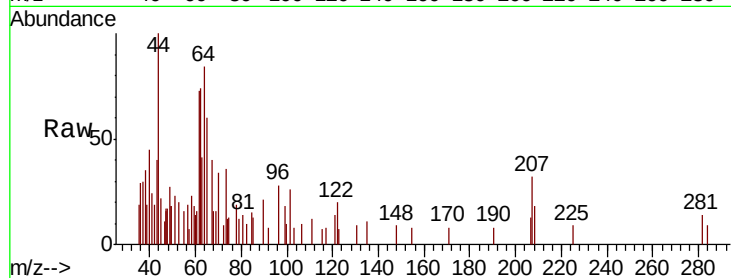




#42
1,2-Dichloroethane
Concen: 0.262 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.01 min
Lab File: VX018600.D
Acq: 25 Sep 2020 17:02

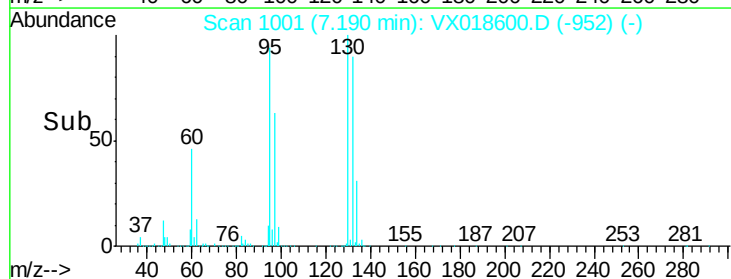
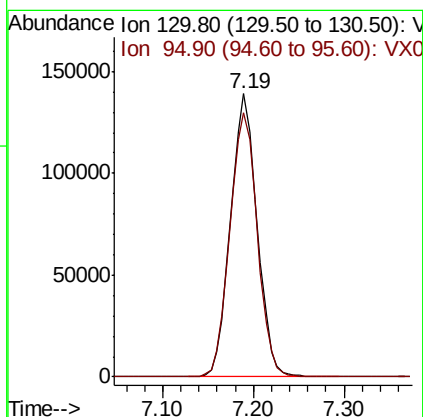
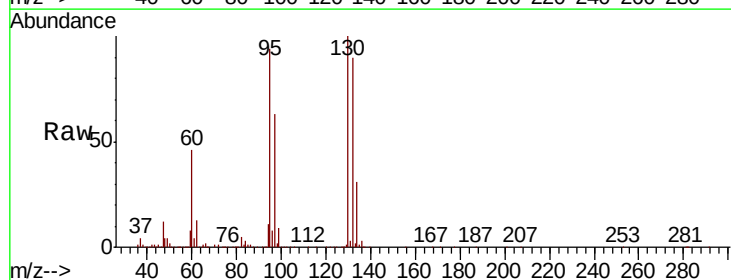
Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20200921DL

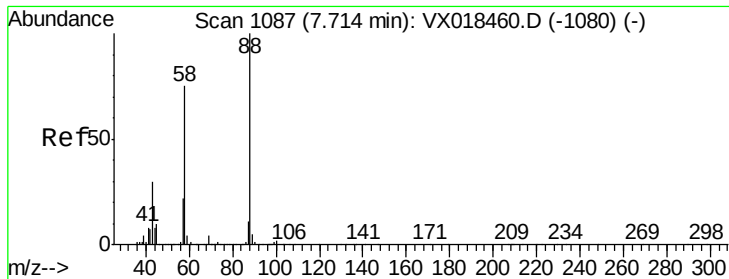
Tot Ion: 62 Resp: 2181
Ion Ratio Lower Upper
62 100
98 4.3 0.0 16.6



#44
Trichloroethene
Concen: 45.754 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VX018600.D
Acq: 25 Sep 2020 17:02

Tgt Ion:130 Resp: 283496
Ion Ratio Lower Upper
130 100
95 93.5 0.0 197.4





#49

1,4-Dioxane

Concen: 0.780 ug/l

RT: 7.71 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX018600.D

Acq: 25 Sep 2020 17:02

Instrument :

MSVOA_X

ClientSampleId :

TT180D2-20200921DL

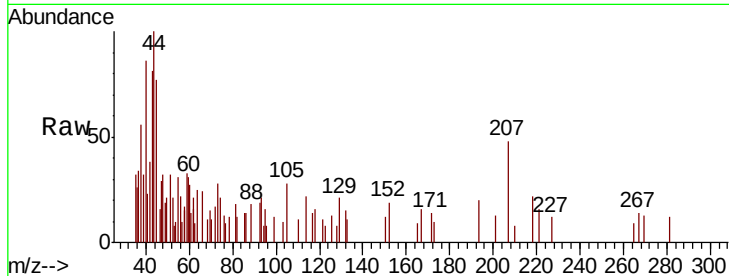
Tot Ion: 88 Resp: 83

Ion Ratio Lower Upper

88 100

43 372.3 29.9 44.9#

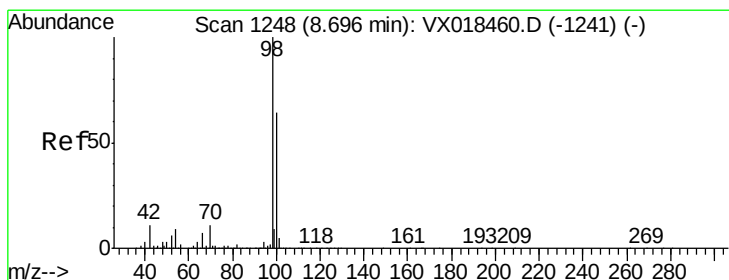
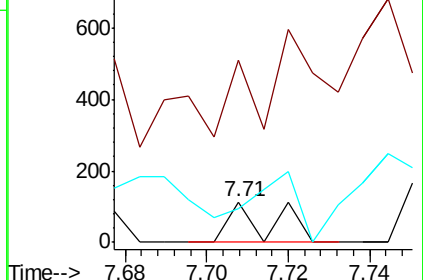
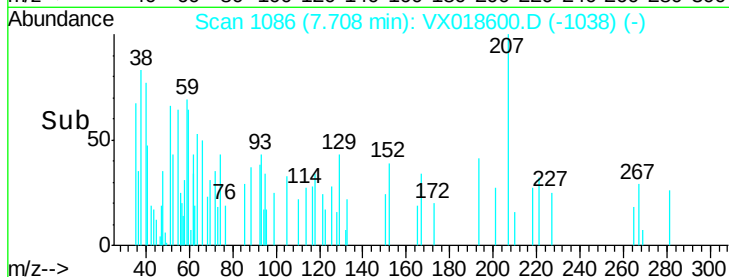
58 195.2 59.0 88.6#



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



#50

Toluene-d8

Concen: 48.921 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018600.D

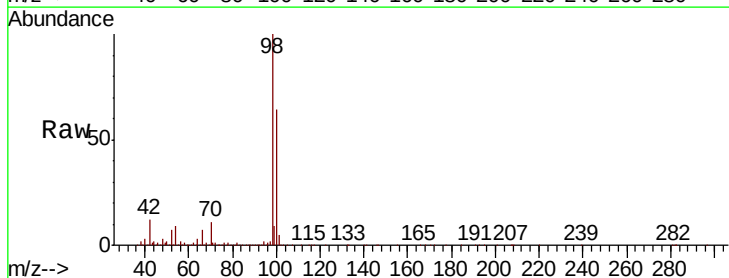
Acq: 25 Sep 2020 17:02

Tgt Ion: 98 Resp: 945527

Ion Ratio Lower Upper

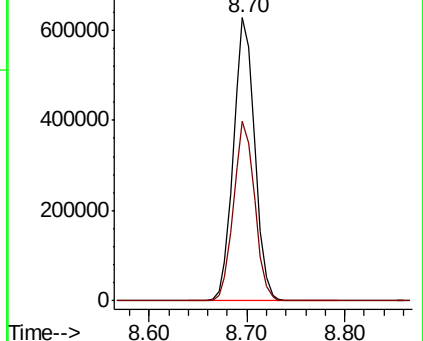
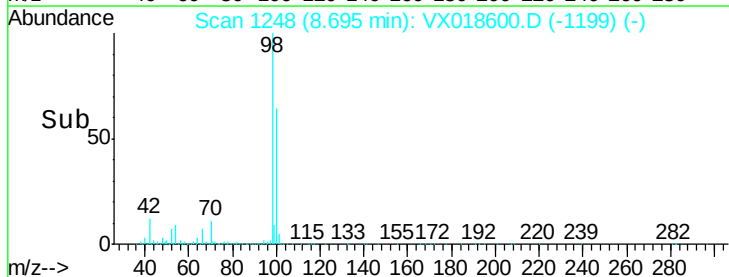
98 100

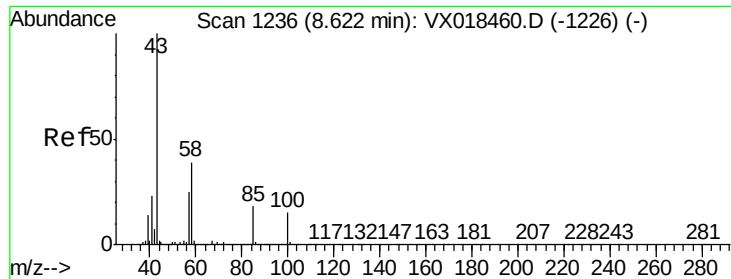
100 63.0 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

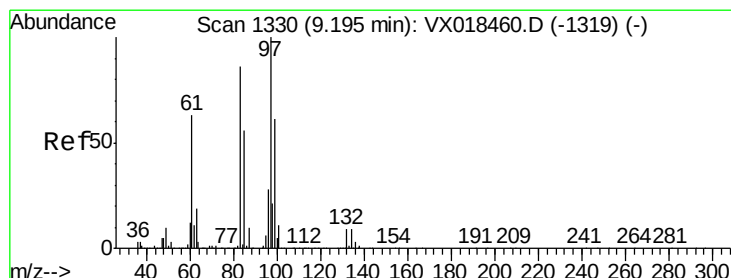
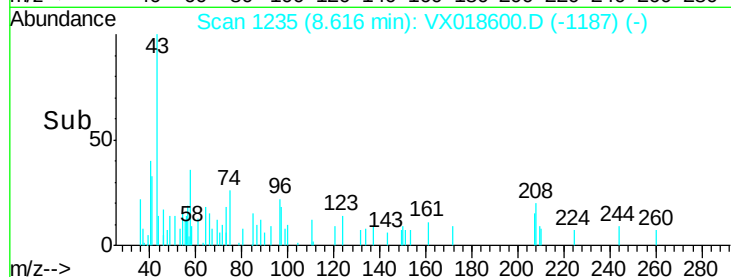
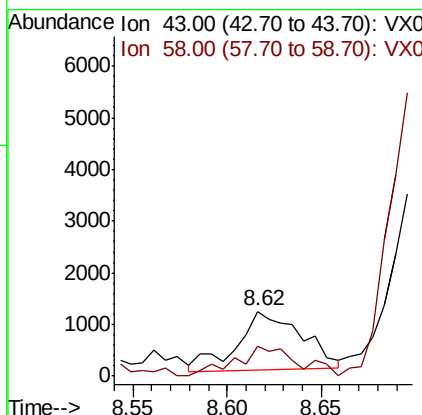
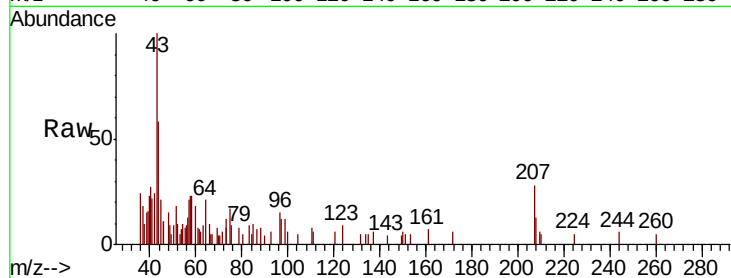




#51
4-Methyl-2-Pentanone
Concen: 0.343 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX018600.D
Acq: 25 Sep 2020 17:02

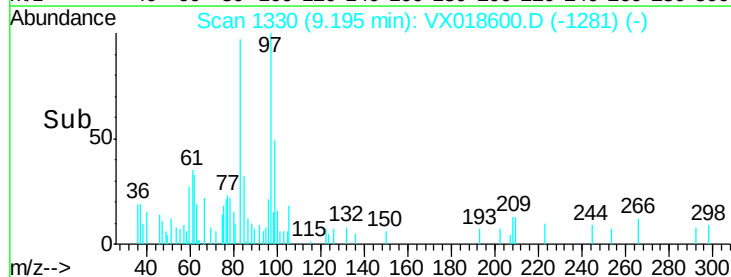
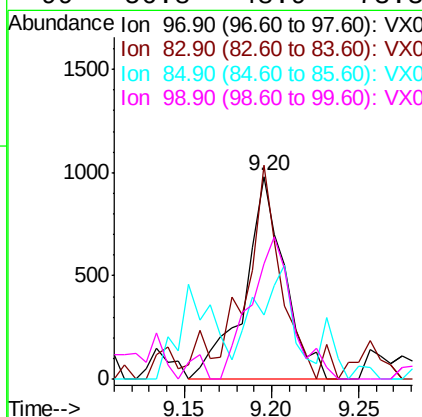
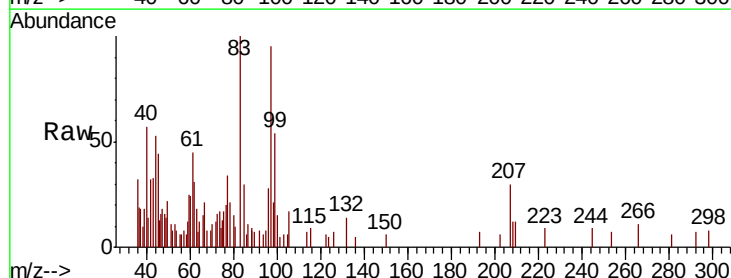
Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20200921DL

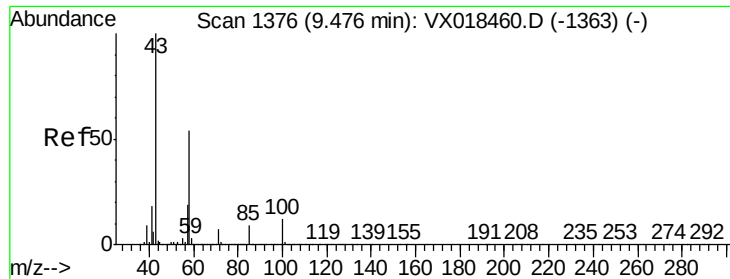
Tot Ion: 43 Resp: 2704
Ion Ratio Lower Upper
43 100
58 49.1 30.9 46.3#



#55
1,1,2-Trichloroethane
Concen: 0.279 ug/l
RT: 9.20 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VX018600.D
Acq: 25 Sep 2020 17:02

Tgt Ion: 97 Resp: 1558
Ion Ratio Lower Upper
97 100
83 105.5 68.5 102.7#
85 21.4 44.8 67.2#
99 56.8 48.9 73.3

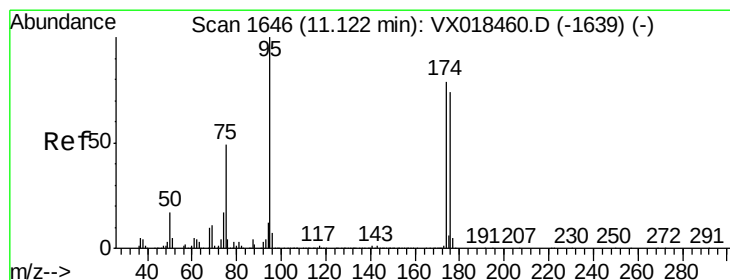
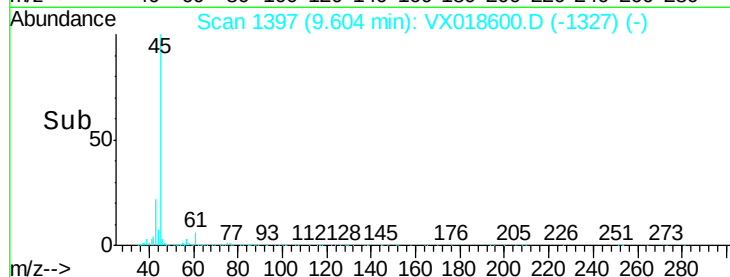
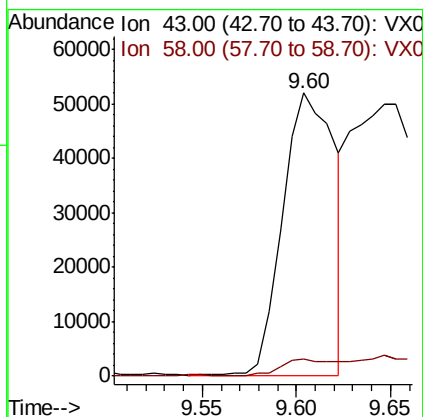
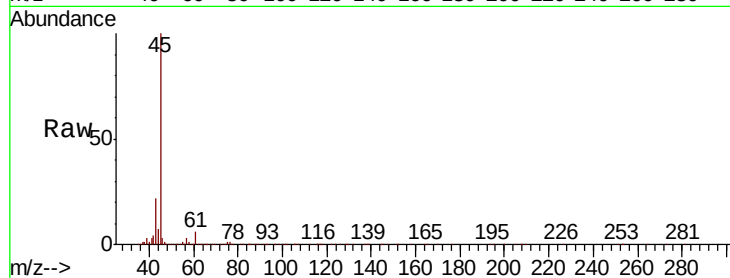




#59
2-Hexanone
Concen: 16.615 ug/l
RT: 9.60 min Scan# 1397
Delta R.T. 0.13 min
Lab File: VX018600.D
Acq: 25 Sep 2020 17:02

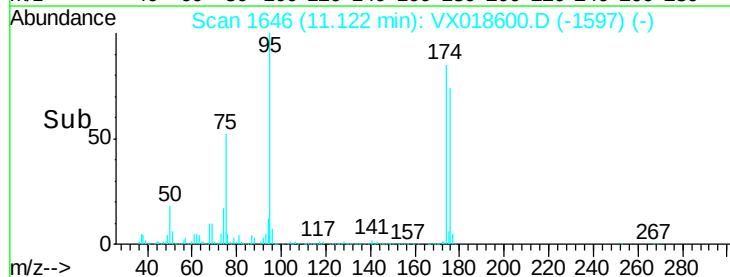
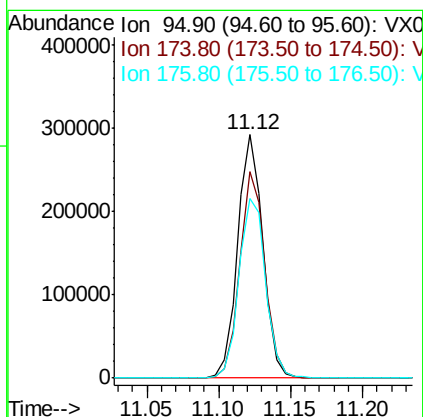
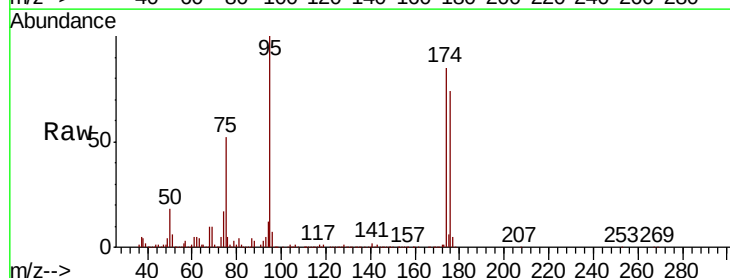
Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20200921DL

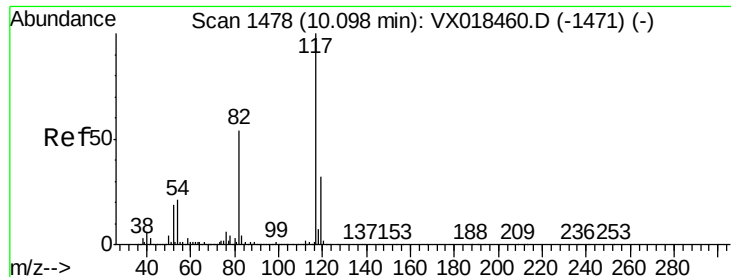
Tot Ion: 43 Resp: 99585
Ion Ratio Lower Upper
43 100
58 5.1 26.5 79.4#



#62
4-Bromofluorobenzene
Concen: 46.149 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX018600.D
Acq: 25 Sep 2020 17:02

Tgt Ion: 95 Resp: 354797
Ion Ratio Lower Upper
95 100
174 84.2 0.0 161.4
176 78.0 0.0 151.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX018600.D

Acq: 25 Sep 2020 17:02

Instrument :

MSVOA_X

ClientSampleId :

TT180D2-20200921DL

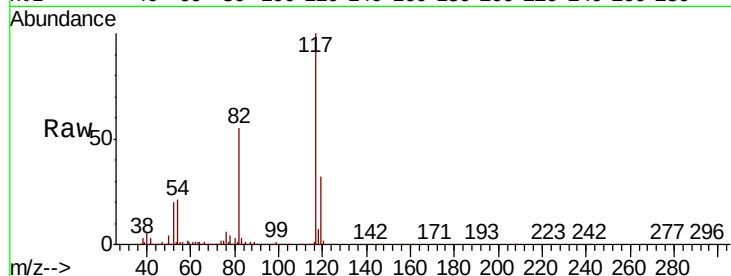
Tot Ion:117 Resp: 742832

Ion Ratio Lower Upper

117 100

82 55.1 43.3 64.9

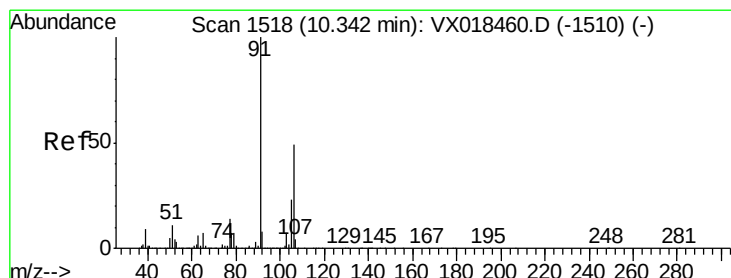
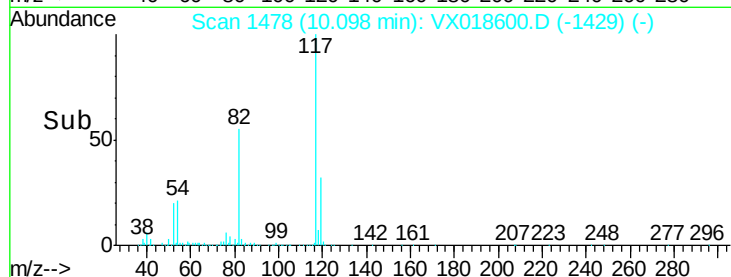
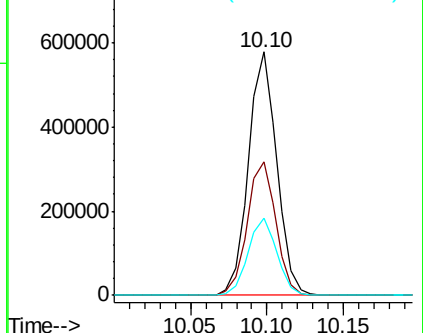
119 31.8 25.9 38.9



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



#68

m/p-Xylenes

Concen: 0.225 ug/l

RT: 10.35 min Scan# 1519

Delta R.T. 0.01 min

Lab File: VX018600.D

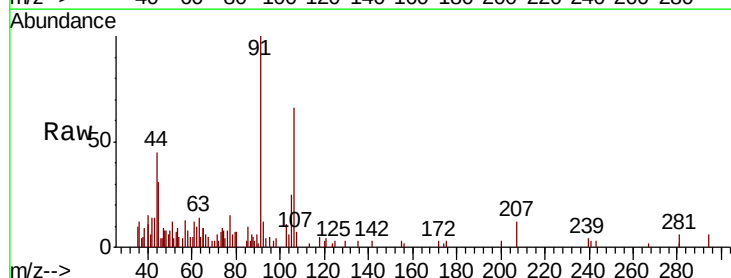
Acq: 25 Sep 2020 17:02

Tgt Ion:106 Resp: 2257

Ion Ratio Lower Upper

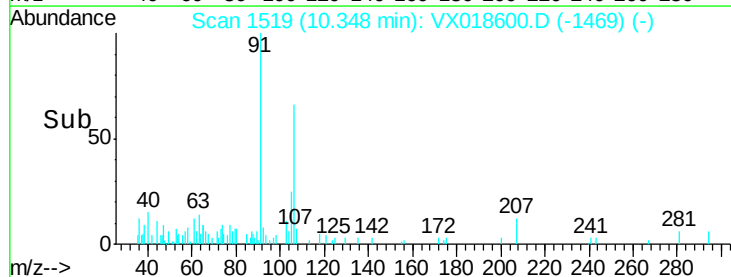
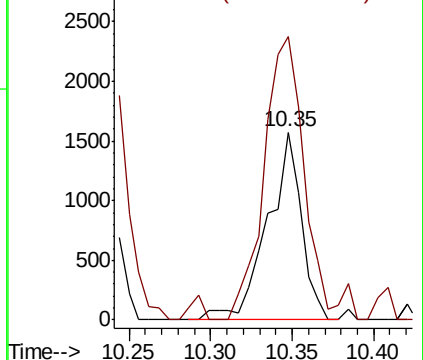
106 100

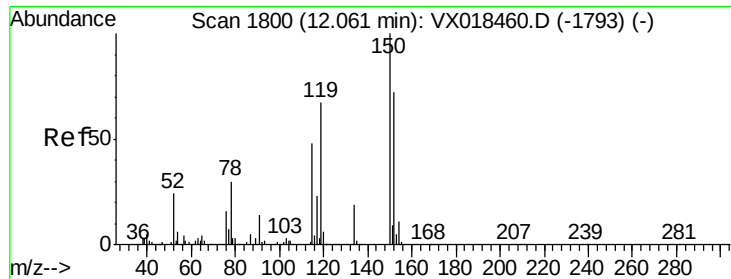
91 177.6 163.8 245.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018600.D

Acq: 25 Sep 2020 17:02

Instrument :

MSVOA_X

ClientSampleId :

TT180D2-20200921DL

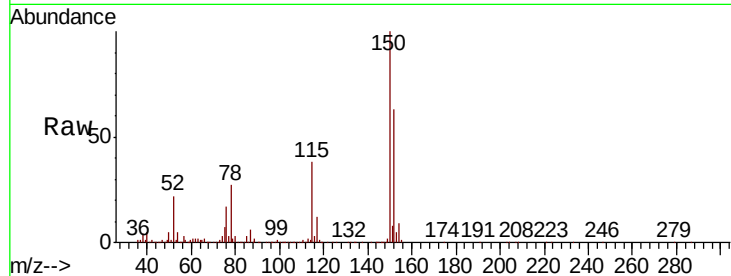
Tot Ion:152 Resp: 370366

Ion Ratio Lower Upper

152 100

115 58.9 41.8 125.4

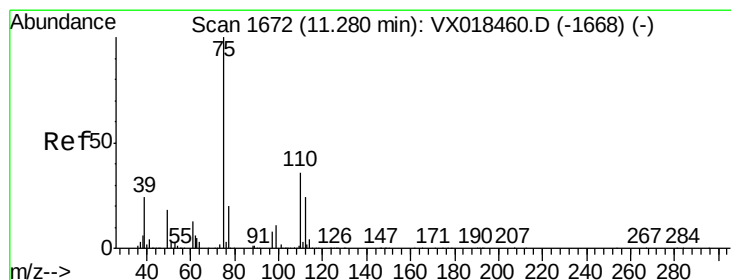
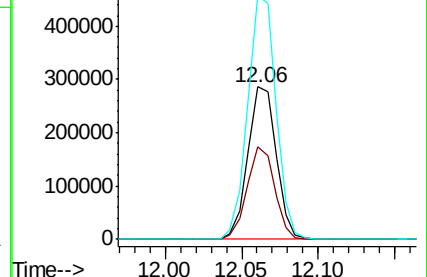
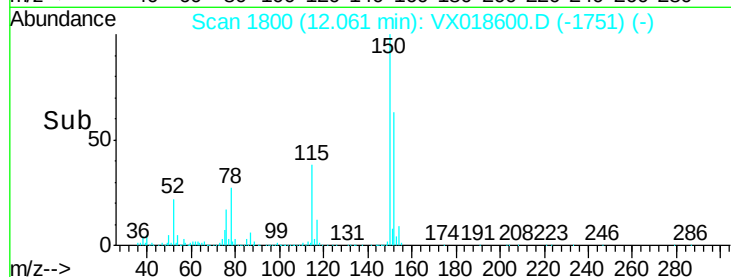
150 158.1 0.0 342.4



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: 23.592 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX018600.D

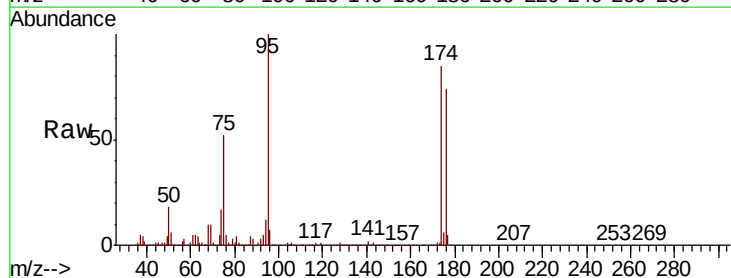
Acq: 25 Sep 2020 17:02

Tgt Ion: 75 Resp: 183617

Ion Ratio Lower Upper

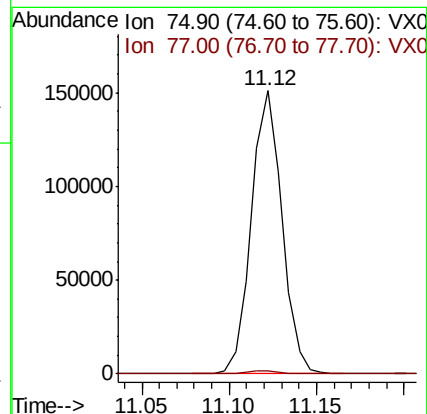
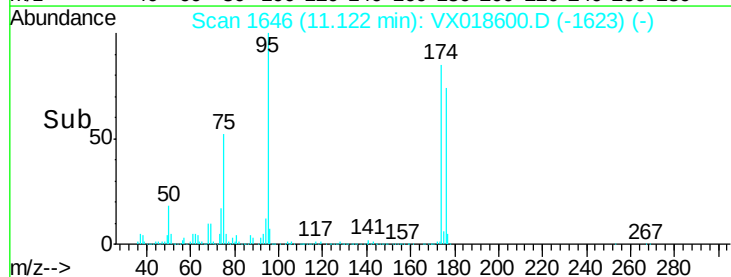
75 100

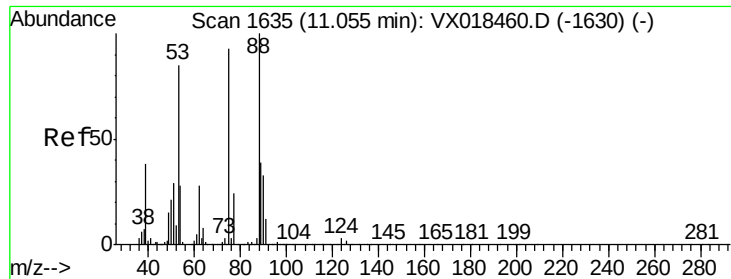
77 1.3 20.9 62.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

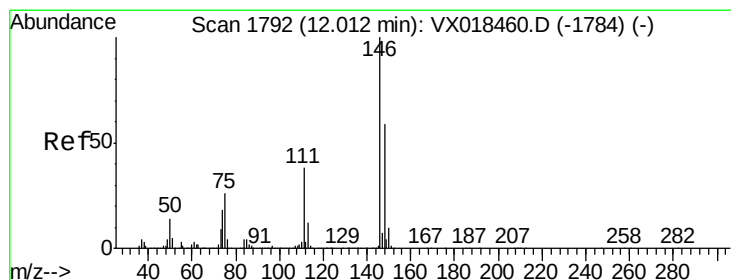
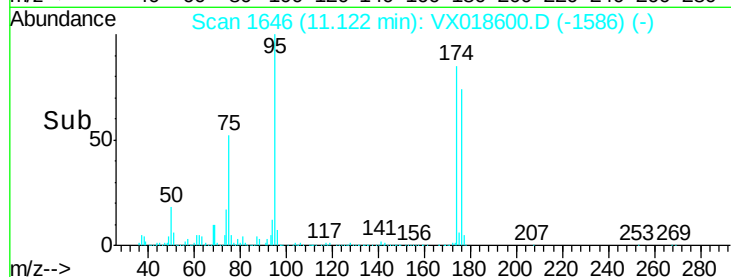
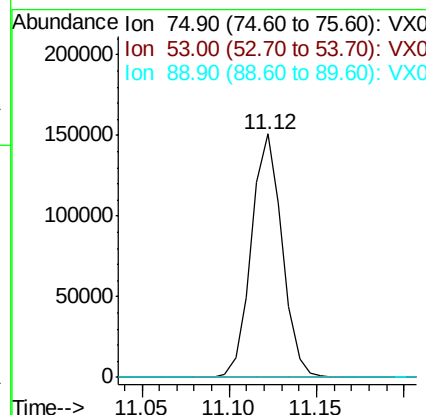
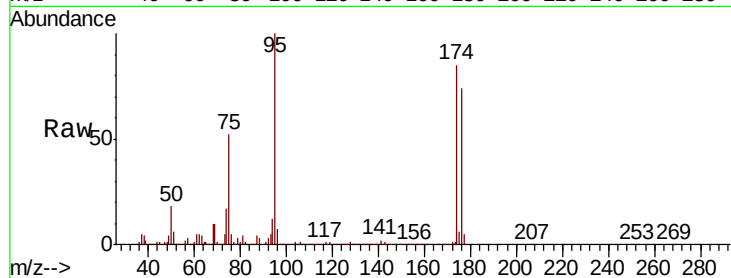




#81
trans-1,4-Dichloro-2-butene
Concen: 60.454 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.07 min
Lab File: VX018600.D
Acq: 25 Sep 2020 17:02

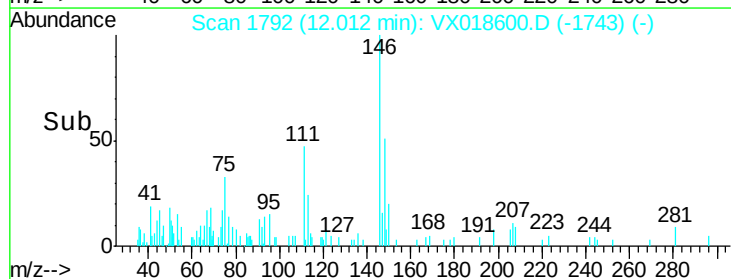
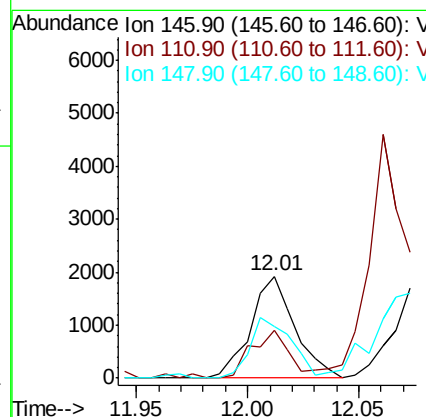
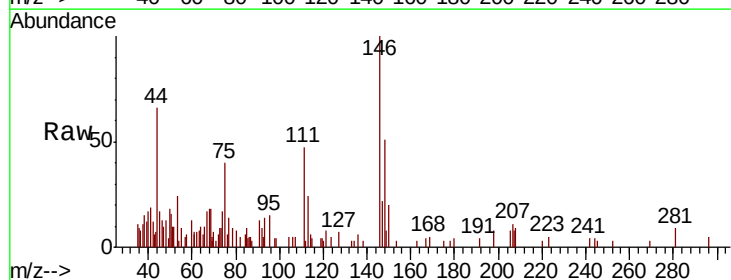
Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20200921DL

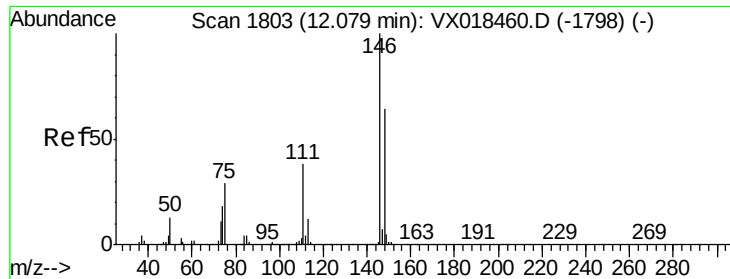
Tot Ion: 75 Resp: 183617
Ion Ratio Lower Upper
75 100
53 0.3 74.6 111.8#
89 0.1 36.2 54.4#



#87
1,3-Dichlorobenzene
Concen: 0.216 ug/l
RT: 12.01 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX018600.D
Acq: 25 Sep 2020 17:02

Tgt Ion: 146 Resp: 2656
Ion Ratio Lower Upper
146 100
111 41.3 20.4 61.2
148 55.5 31.1 93.2





#88

1,4-Dichlorobenzene

Concen: 0.213 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.07 min

Lab File: VX018600.D

Acq: 25 Sep 2020 17:02

Instrument :

MSVOA_X

ClientSampleId :

TT180D2-20200921DL

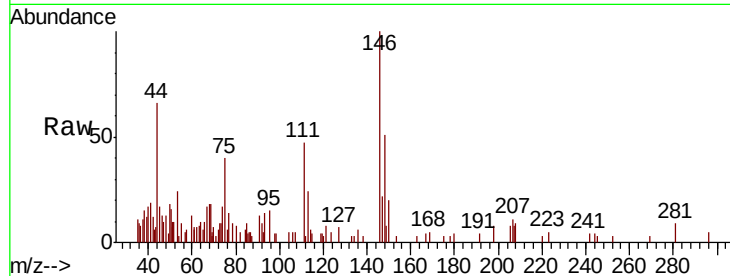
Tot Ion:146 Resp: 2656

Ion Ratio Lower Upper

146 100

111 41.3 19.4 58.4

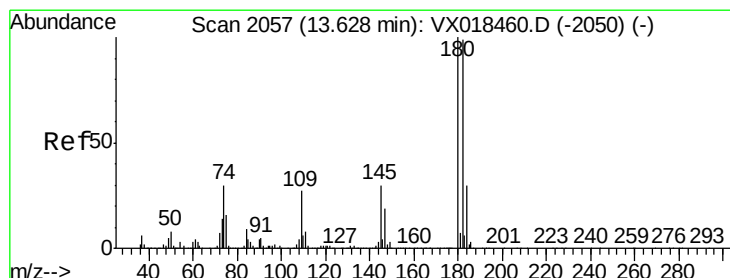
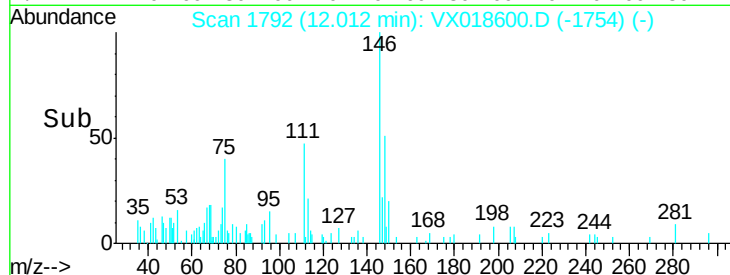
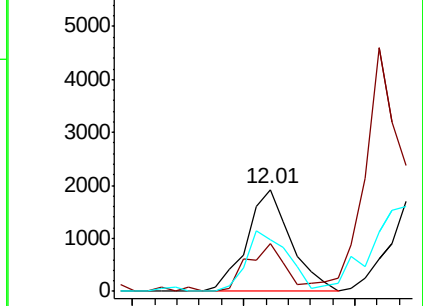
148 55.5 31.8 95.4



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



#93

1,2,4-Trichlorobenzene

Concen: 0.283 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX018600.D

Acq: 25 Sep 2020 17:02

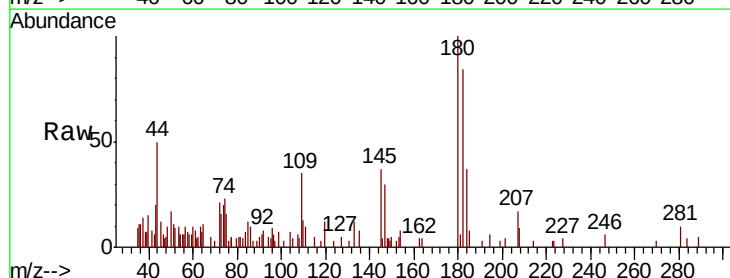
Tgt Ion:180 Resp: 2262

Ion Ratio Lower Upper

180 100

182 103.4 50.2 150.6

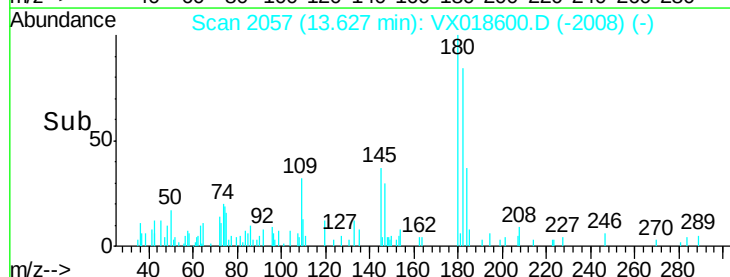
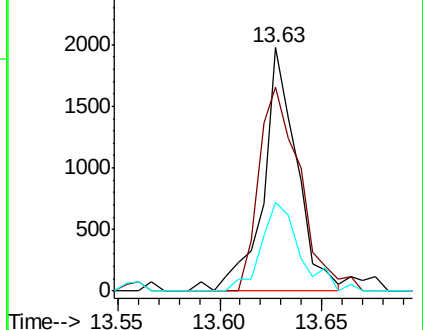
145 42.2 15.7 47.1

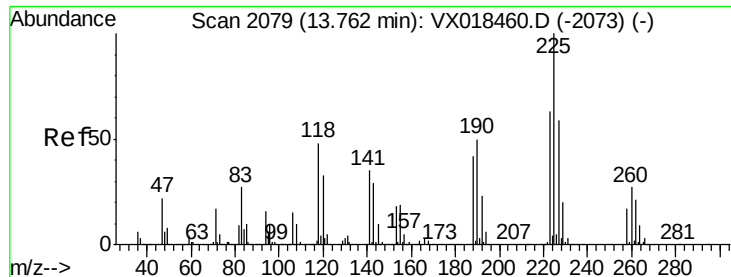


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 0.414 ug/l

RT: 13.76 min Scan# 2079

Delta R.T. -0.00 min

Lab File: VX018600.D

Acq: 25 Sep 2020 17:02

Instrument :

MSVOA_X

ClientSampleId :

TT180D2-20200921DL

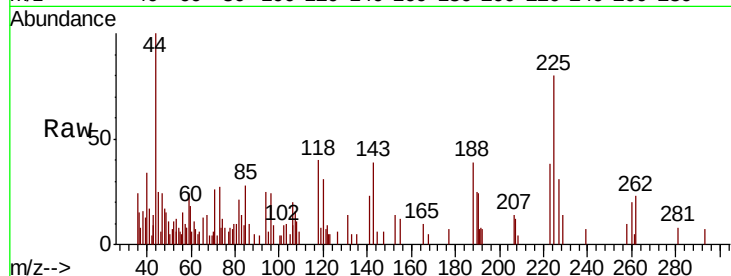
Tot Ion:225 Resp: 1390

Ion Ratio Lower Upper

225 100

223 63.1 32.0 96.2

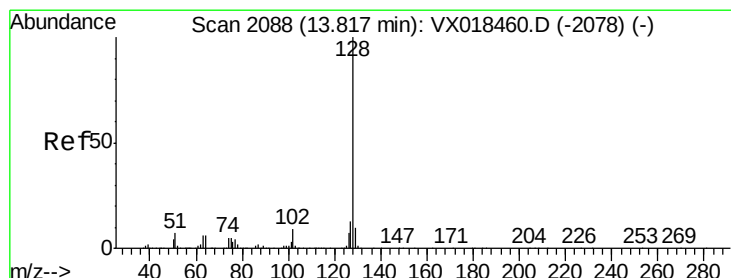
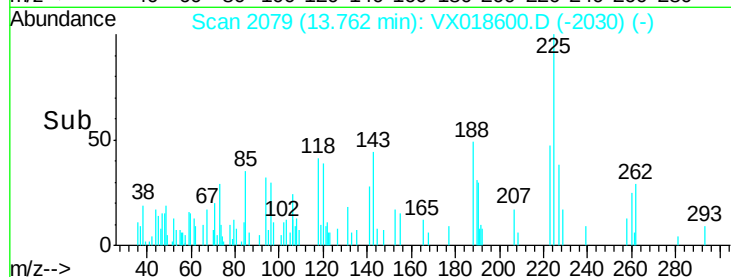
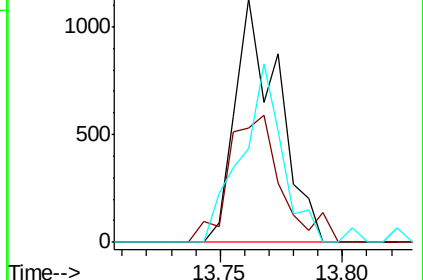
227 69.6 31.7 95.1



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 0.273 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018600.D

Acq: 25 Sep 2020 17:02

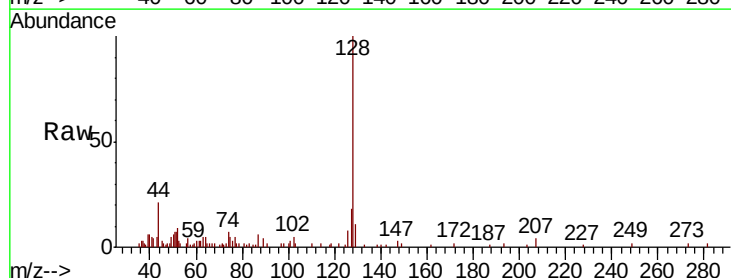
Tgt Ion:128 Resp: 6595

Ion Ratio Lower Upper

128 100

127 18.5 10.3 15.5#

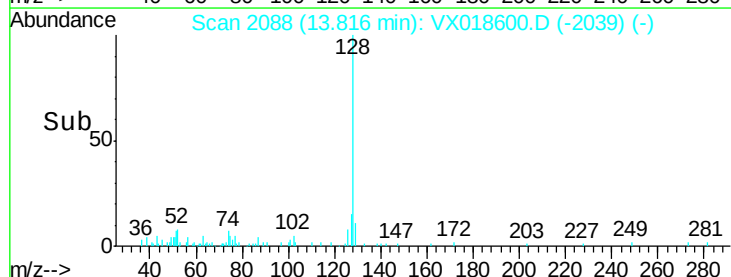
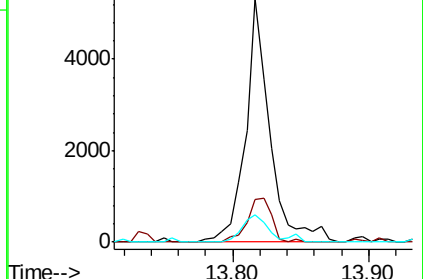
129 12.7 8.7 13.1

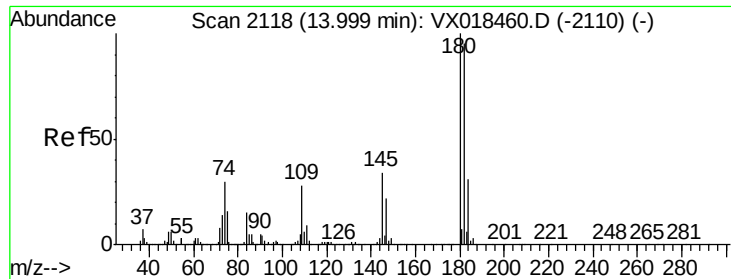


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

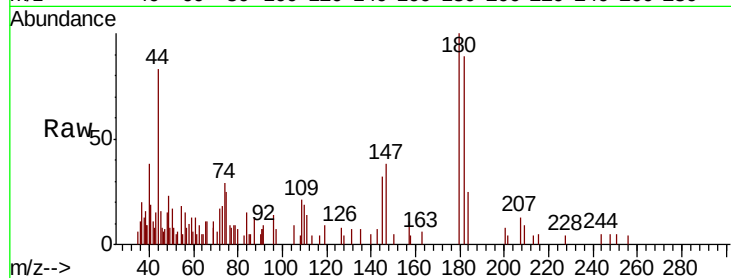




#96
 1,2,3-Trichlorobenzene
 Concen: 0.263 ug/l
 RT: 14.01 min Scan# 2119
 Delta R.T. 0.01 min
 Lab File: VX018600.D
 Acq: 25 Sep 2020 17:02

Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D2-20200921DL

Tot Ion	Ratio	Lower	Upper
180	100		
182	99.9	47.1	141.3
145	45.6	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

