

Data File : VT019103.D
Acq On : 28 Nov 2018 11:50
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_T/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050

Quant Time: Nov 29 06:16:22 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_T\METHODS\82T112818TCLP.M
Quant Title : SW846 8260
QLast Update : Thu Nov 29 06:13:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.45	168	501944	50.00	ug/l	0.00
7) 1,4-Difluorobenzene	8.38	114	942001	50.00	ug/l	0.00
15) Chlorobenzene-d5	11.24	117	933513	50.00	ug/l	0.00
18) 1,4-Dichlorobenzene-d4	13.16	152	496085	50.00	ug/l	0.00

System Monitoring Compounds

6) 1,2-Dichloroethane-d4	7.82	65	499613	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
8) Dibromofluoromethane	7.37	113	307350	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	
13) Toluene-d8	9.91	98	1372772	51.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.40%	
14) 4-Bromofluorobenzene	12.23	95	534664	53.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.12%	

Target Compounds

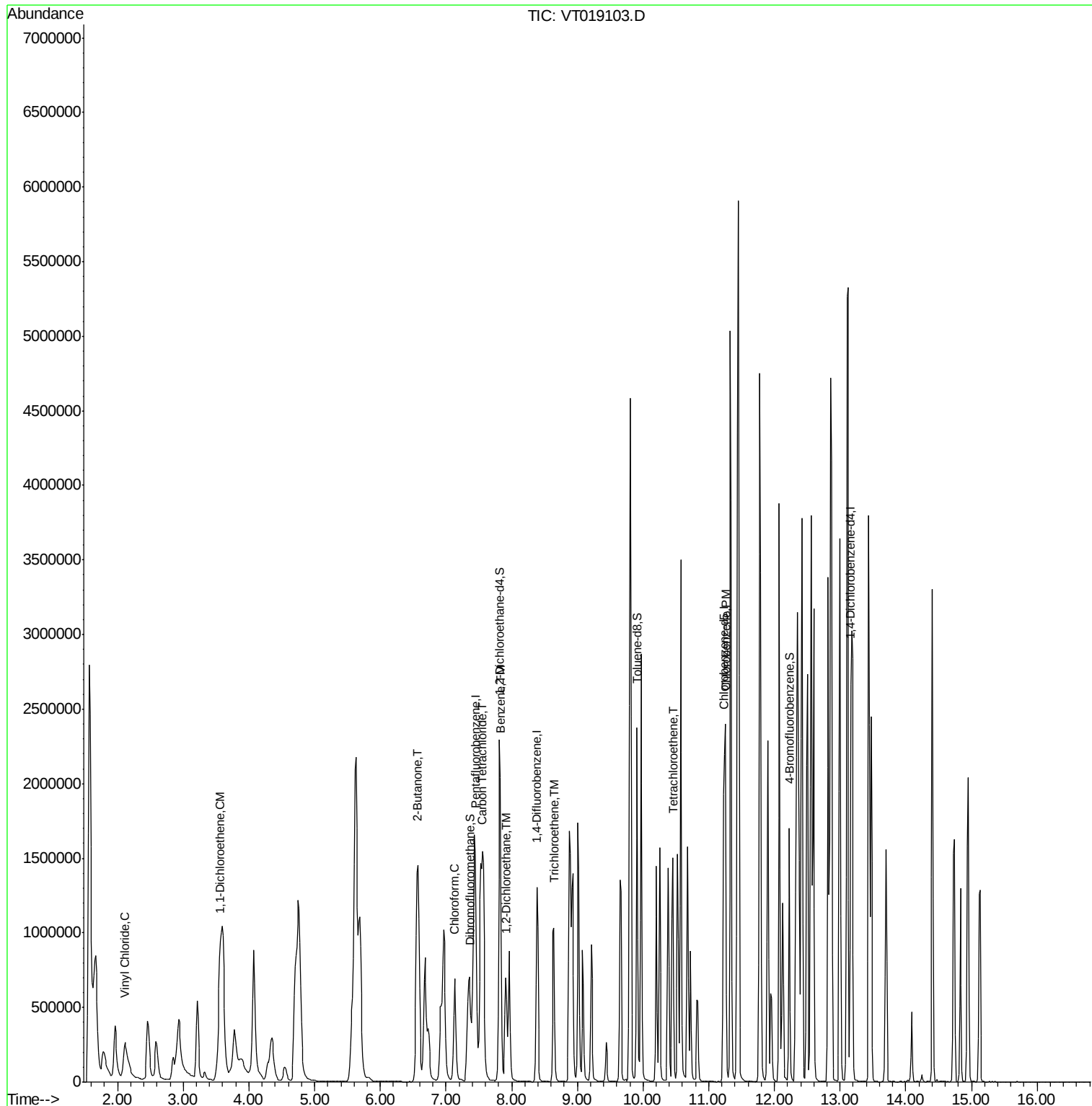
						Qvalue
2) Vinyl Chloride	2.11	62	767128	50.130	ug/l	100
3) 1,1-Dichloroethene	3.56	96	511544	48.590	ug/l	100
4) 2-Butanone	6.57	43	1247026	264.616	ug/l	100
5) Chloroform	7.13	83	684785	49.675	ug/l	100
9) Carbon Tetrachloride	7.54	117	526279	52.106	ug/l	100
10) Benzene	7.83	78	1701923	51.788	ug/l	100
11) 1,2-Dichloroethane	7.91	62	611213	50.930	ug/l	100
12) Trichloroethene	8.64	130	332561	51.708	ug/l	100
16) Tetrachloroethene	10.45	164	266109	51.164	ug/l	100
17) Chlorobenzene	11.26	112	1073372	50.693	ug/l	100

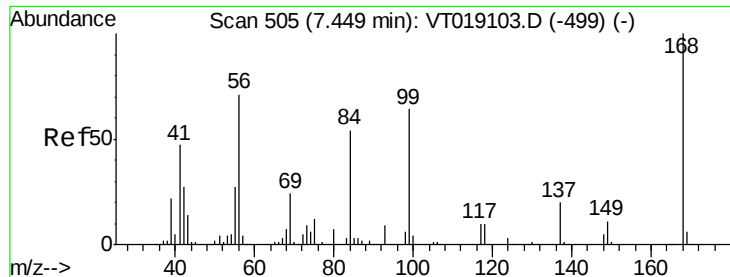
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VT019103.D
Acq On : 28 Nov 2018 11:50
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_T/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050

Quant Time: Nov 29 06:16:22 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_T\METHODS\82T112818TCLP.M
Quant Title : SW846 8260
QLast Update : Thu Nov 29 06:13:05 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.45 min Scan# 505

Delta R.T. 0.00 min

Lab File: VT019103.D

Acq: 28 Nov 2018 11:50

Instrument :

MSVOA_T

ClientSampleId :

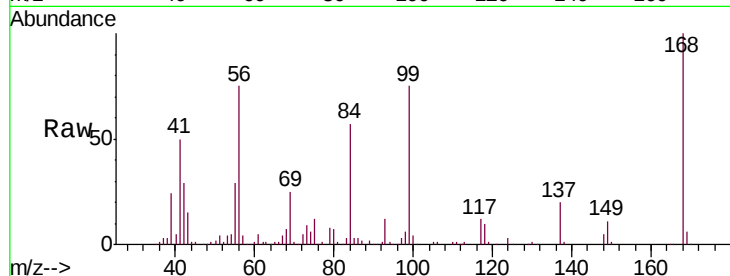
VSTDICCC050

Tgt Ion:168 Resp: 501944

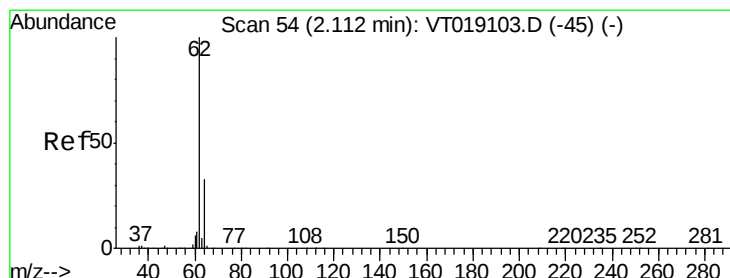
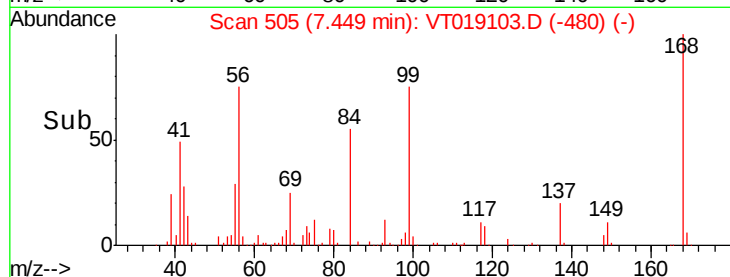
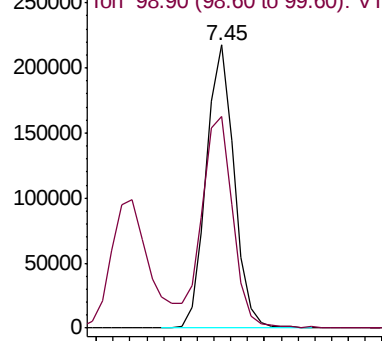
Ion Ratio Lower Upper

168 100

99 74.4 59.5 89.3



Abundance Ion 167.90 (167.60 to 168.60): VT0



#2

Vinyl Chloride

Concen: 50.130 ug/l

RT: 2.11 min Scan# 54

Delta R.T. 0.00 min

Lab File: VT019103.D

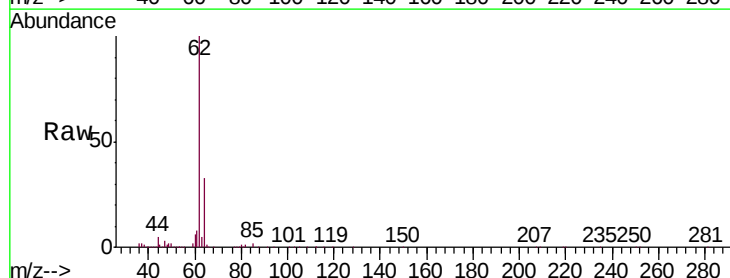
Acq: 28 Nov 2018 11:50

Tgt Ion: 62 Resp: 767128

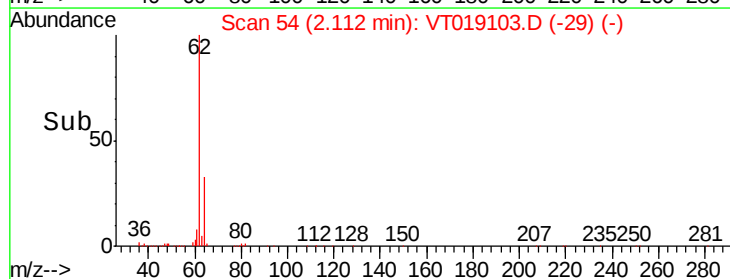
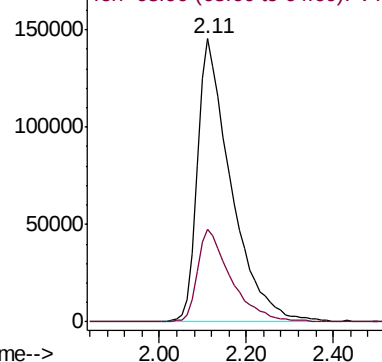
Ion Ratio Lower Upper

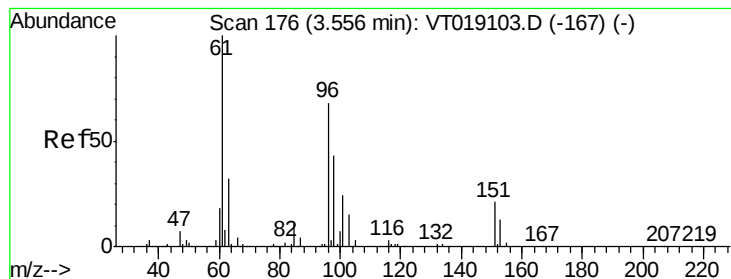
62 100

64 32.6 26.1 39.1



Abundance Ion 61.90 (61.60 to 62.60): VT0





#3

1,1-Dichloroethene

Concen: 48.590 ug/l

RT: 3.56 min Scan# 176

Delta R.T. 0.00 min

Lab File: VT019103.D

Acq: 28 Nov 2018 11:50

Instrument :

MSVOA_T

ClientSampleId :

VSTDICCC050

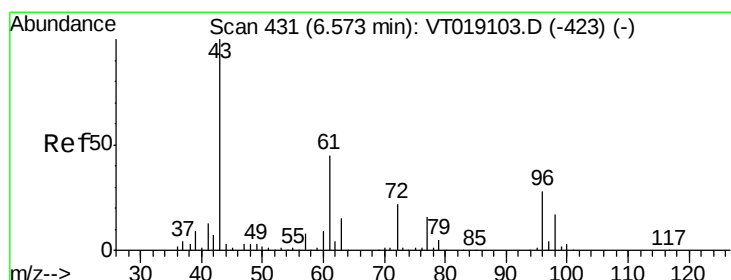
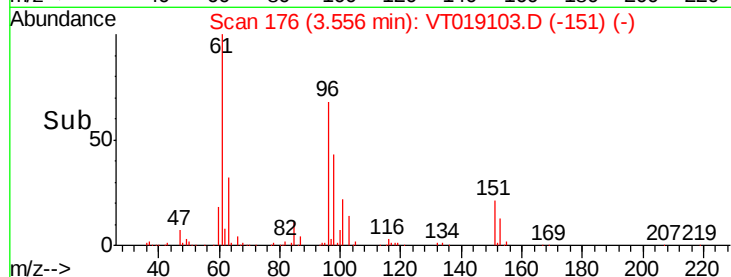
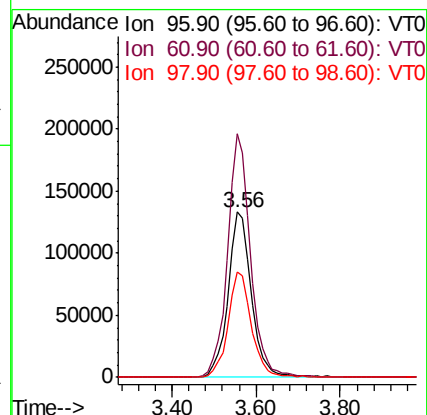
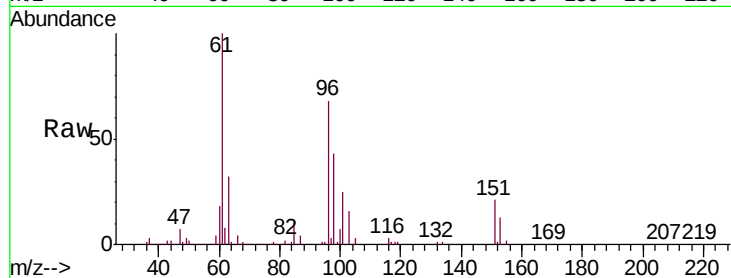
Tgt Ion: 96 Resp: 511544

Ion Ratio Lower Upper

96 100

61 147.3 117.8 176.8

98 63.8 51.0 76.6



#4

2-Butanone

Concen: 264.616 ug/l

RT: 6.57 min Scan# 431

Delta R.T. 0.00 min

Lab File: VT019103.D

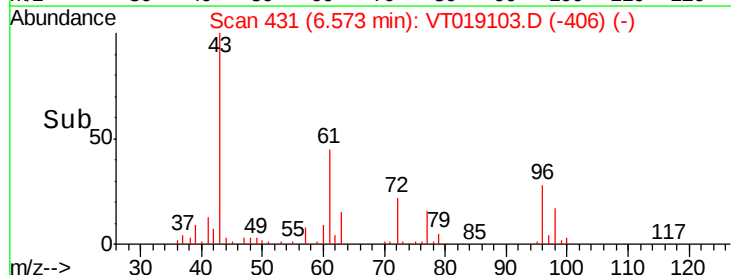
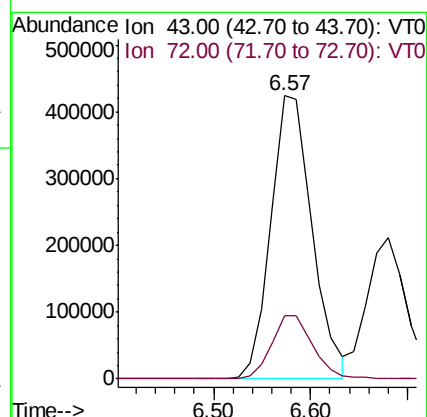
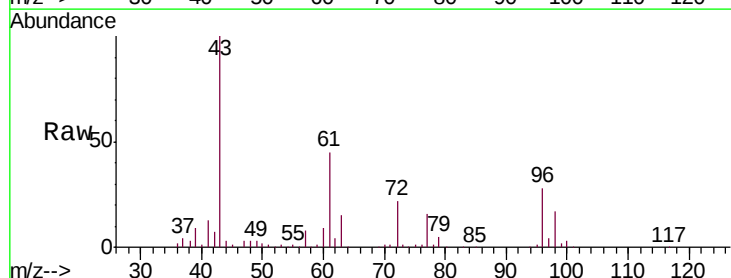
Acq: 28 Nov 2018 11:50

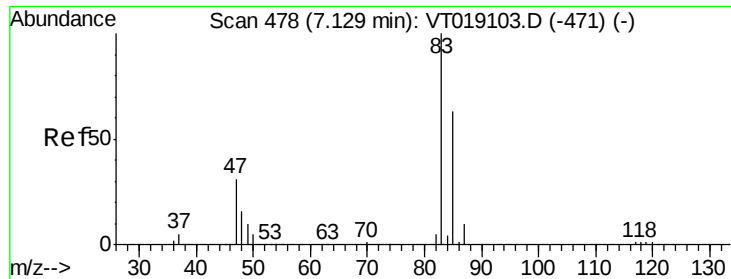
Tgt Ion: 43 Resp: 1247026

Ion Ratio Lower Upper

43 100

72 22.2 17.8 26.6





#5

Chloroform

Concen: 49.675 ug/l

RT: 7.13 min Scan# 478

Delta R.T. 0.00 min

Lab File: VT019103.D

Acq: 28 Nov 2018 11:50

Instrument :

MSVOA_T

ClientSampleId :

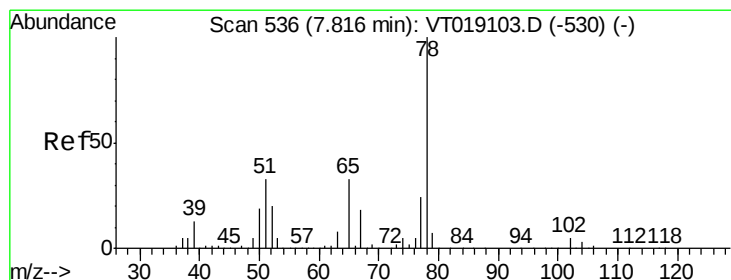
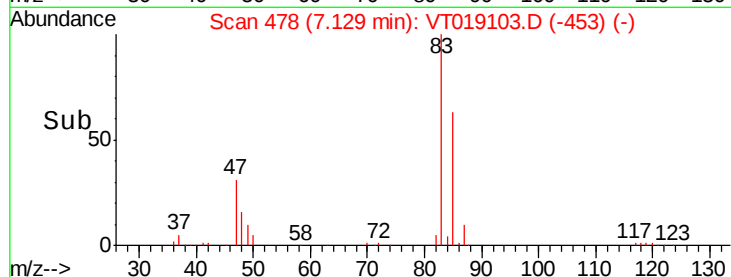
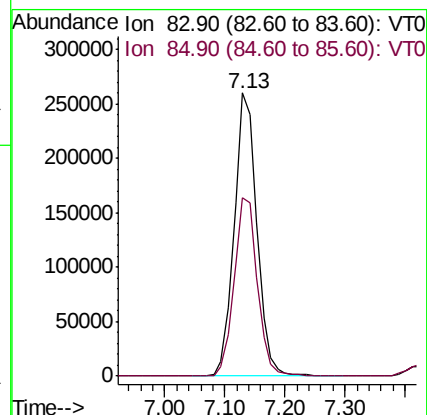
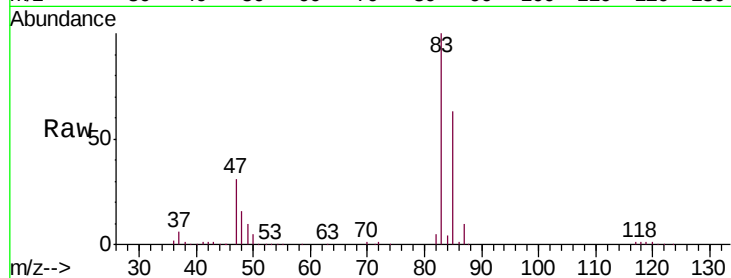
VSTDICCC050

Tgt Ion: 83 Resp: 684785

Ion Ratio Lower Upper

83 100

85 63.0 50.4 75.6



#6

1,2-Dichloroethane-d4

Concen: 50.667 ug/l

RT: 7.82 min Scan# 536

Delta R.T. 0.00 min

Lab File: VT019103.D

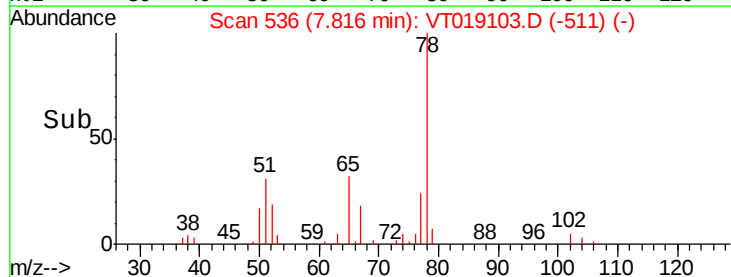
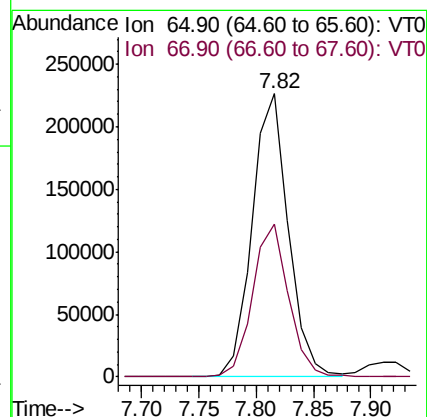
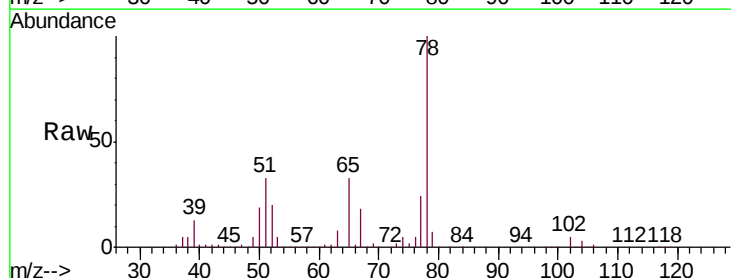
Acq: 28 Nov 2018 11:50

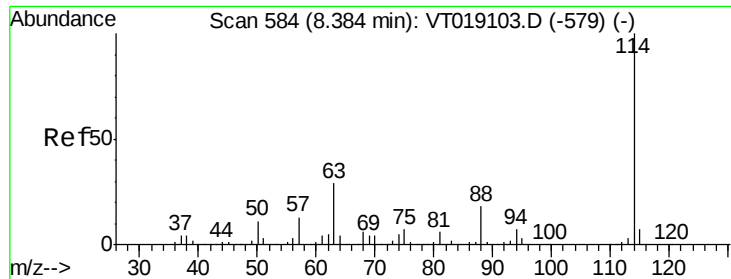
Tgt Ion: 65 Resp: 499613

Ion Ratio Lower Upper

65 100

67 54.0 0.0 108.0





#7

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.38 min Scan# 584

Delta R.T. 0.00 min

Lab File: VT019103.D

Acq: 28 Nov 2018 11:50

Instrument :

MSVOA_T

ClientSampleId :

VSTDICCC050

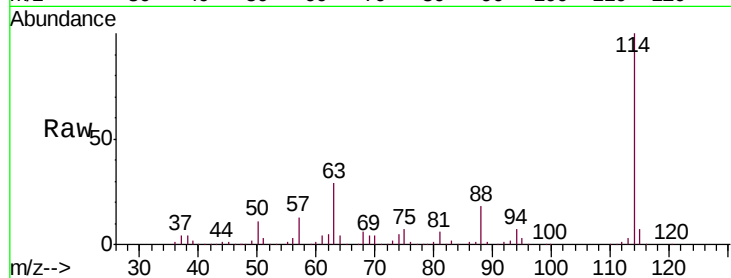
Tgt Ion:114 Resp: 942001

Ion Ratio Lower Upper

114 100

63 28.7 0.0 57.4

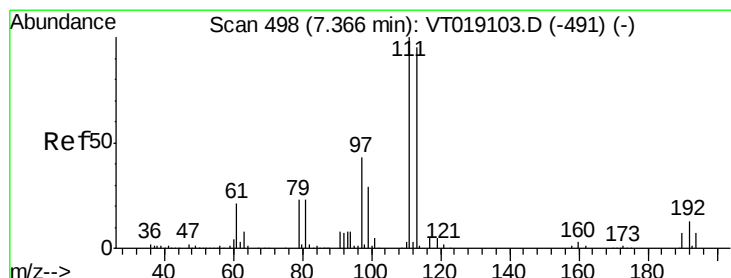
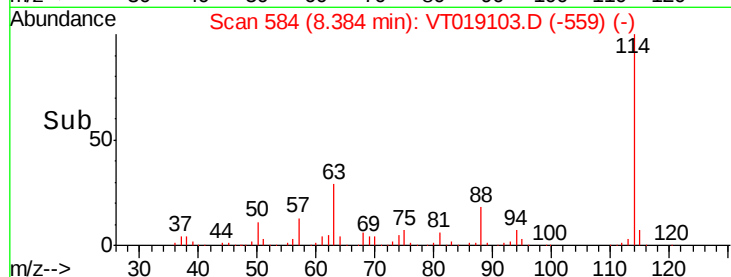
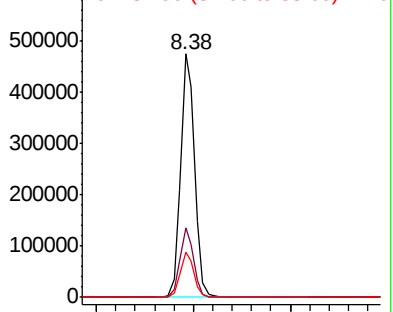
88 18.5 0.0 37.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VT0

Ion 87.90 (87.60 to 88.60): VT0



#8

Dibromofluoromethane

Concen: 50.689 ug/l

RT: 7.37 min Scan# 498

Delta R.T. 0.00 min

Lab File: VT019103.D

Acq: 28 Nov 2018 11:50

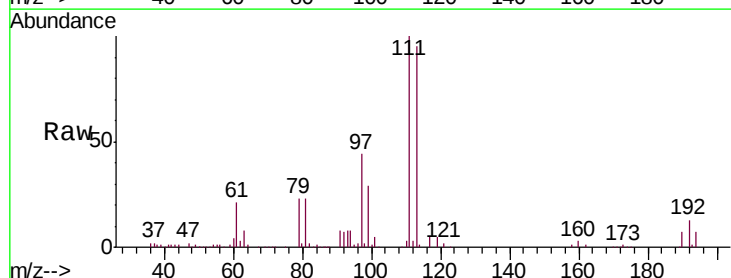
Tgt Ion:113 Resp: 307350

Ion Ratio Lower Upper

113 100

111 104.9 83.9 125.9

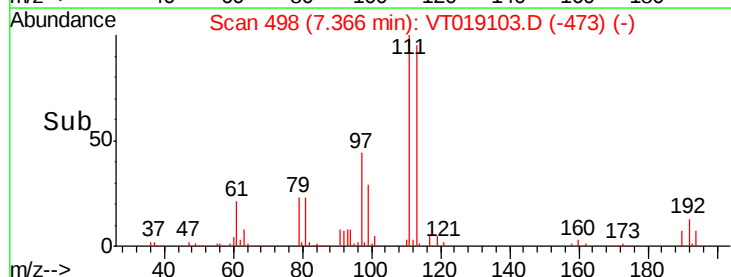
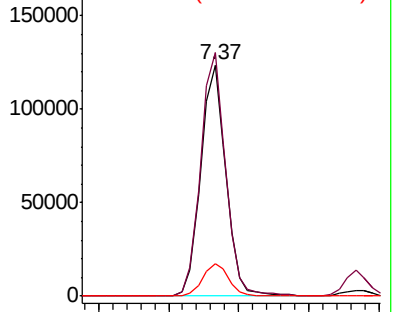
192 14.4 11.5 17.3

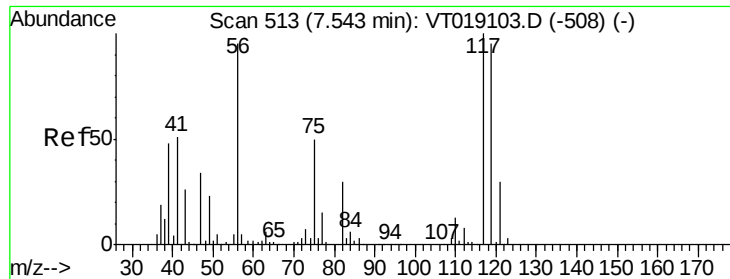


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#9

Carbon Tetrachloride

Concen: 52.106 ug/l

RT: 7.54 min Scan# 513

Delta R.T. 0.00 min

Lab File: VT019103.D

Acq: 28 Nov 2018 11:50

Instrument :

MSVOA_T

ClientSampleId :

VSTDICCC050

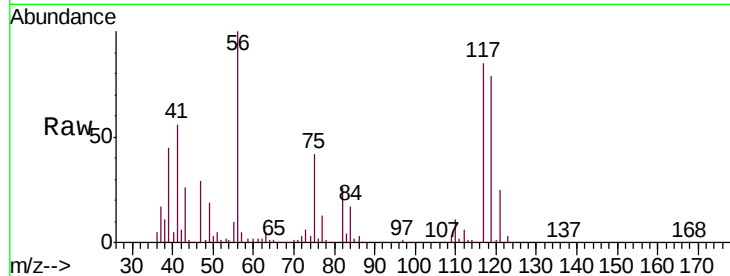
Tgt Ion:117 Resp: 526279

Ion Ratio Lower Upper

117 100

119 93.8 75.0 112.6

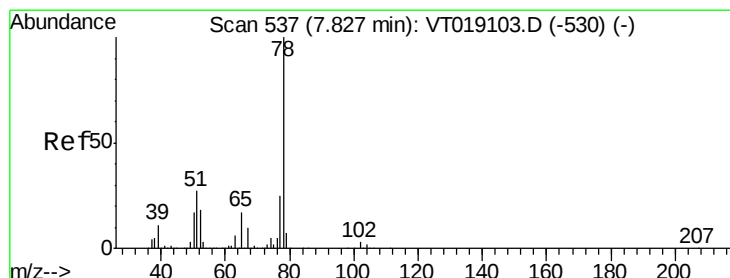
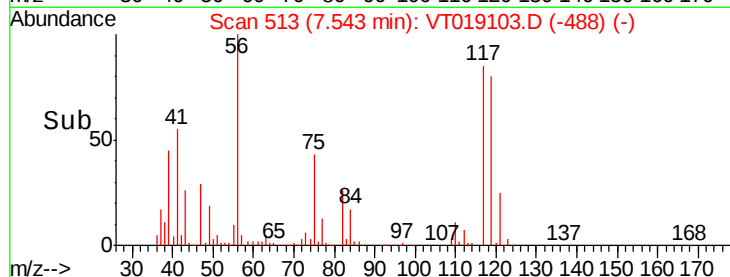
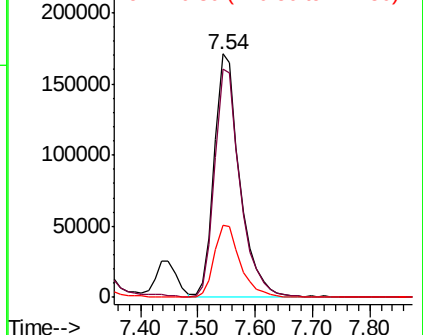
121 29.4 23.5 35.3



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#10

Benzene

Concen: 51.788 ug/l

RT: 7.83 min Scan# 537

Delta R.T. 0.00 min

Lab File: VT019103.D

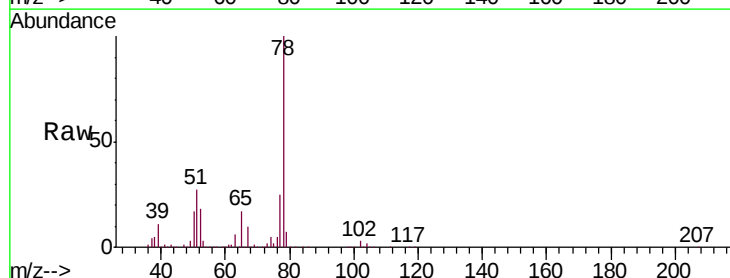
Acq: 28 Nov 2018 11:50

Tgt Ion: 78 Resp: 1701923

Ion Ratio Lower Upper

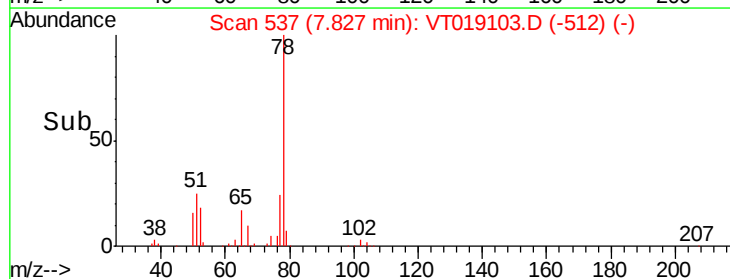
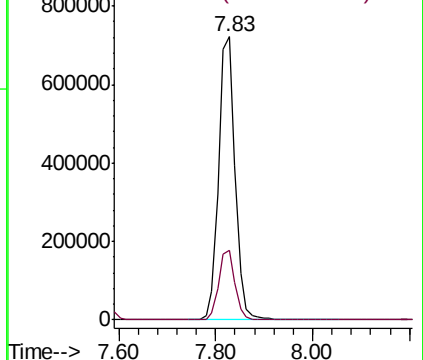
78 100

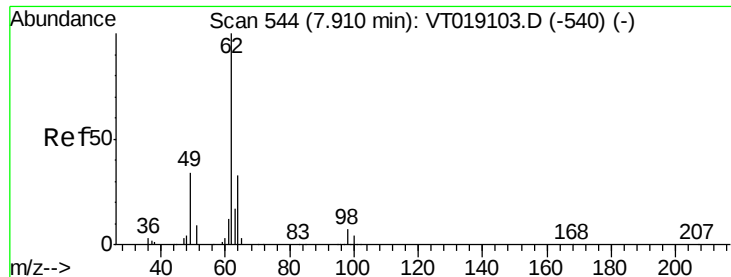
77 24.6 19.7 29.5



Abundance Ion 78.00 (77.70 to 78.70): VT0

Ion 77.00 (76.70 to 77.70): VT0

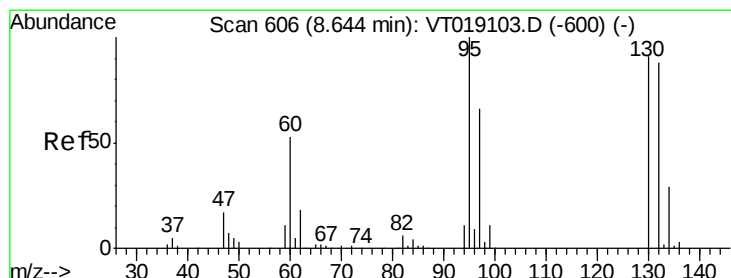
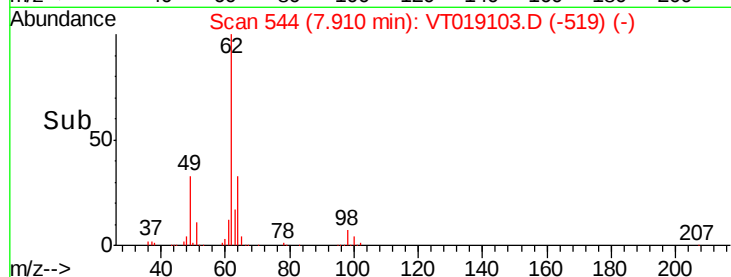
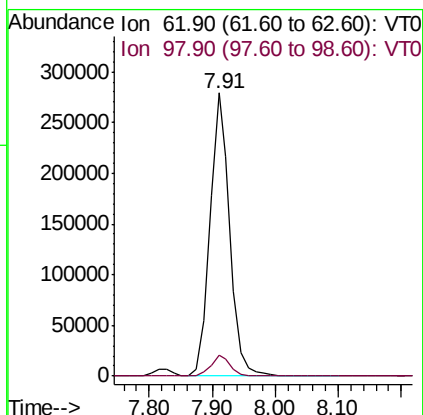
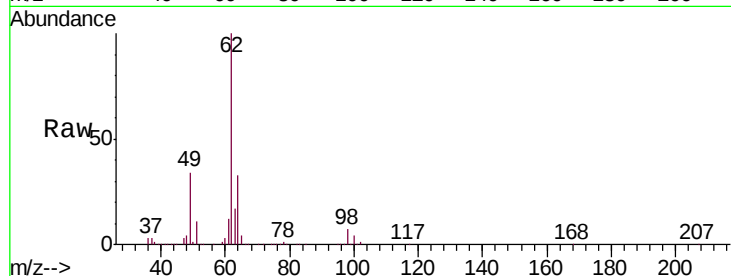




#11
1,2-Dichloroethane
Concen: 50.930 ug/l
RT: 7.91 min Scan# 544
Delta R.T. 0.00 min
Lab File: VT019103.D
Acq: 28 Nov 2018 11:50

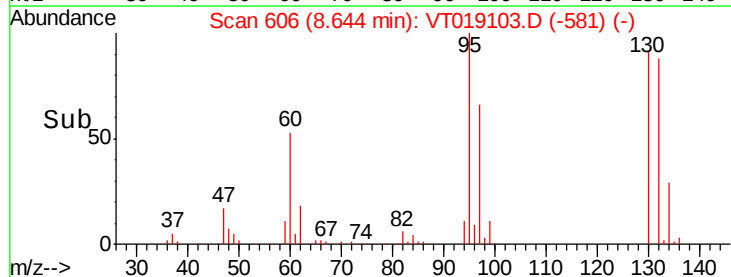
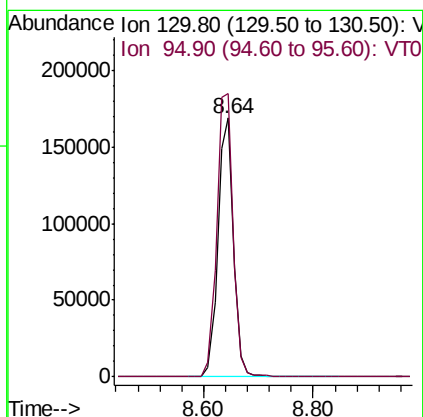
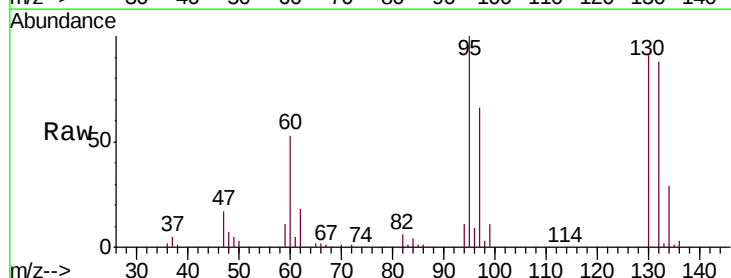
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050

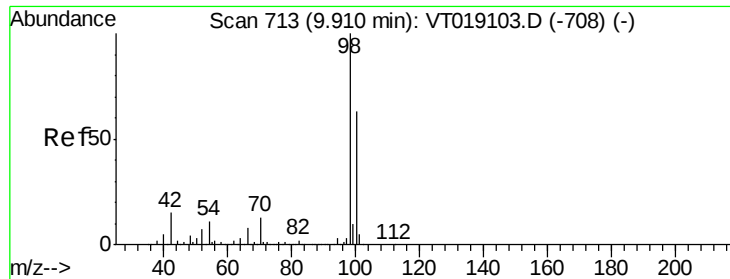
Tgt Ion: 62 Resp: 611213
Ion Ratio Lower Upper
62 100
98 7.3 0.0 14.6



#12
Trichloroethene
Concen: 51.708 ug/l
RT: 8.64 min Scan# 606
Delta R.T. 0.00 min
Lab File: VT019103.D
Acq: 28 Nov 2018 11:50

Tgt Ion: 130 Resp: 332561
Ion Ratio Lower Upper
130 100
95 109.4 0.0 218.8





#13

Toluene-d8

Concen: 51.705 ug/l

RT: 9.91 min Scan# 713

Delta R.T. 0.00 min

Lab File: VT019103.D

Acq: 28 Nov 2018 11:50

Instrument :

MSVOA_T

ClientSampleId :

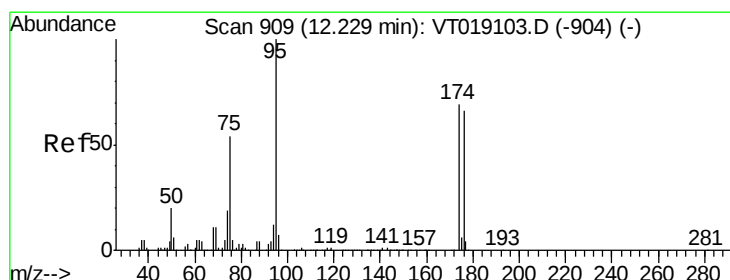
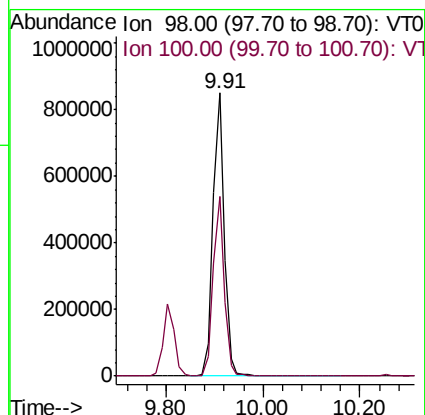
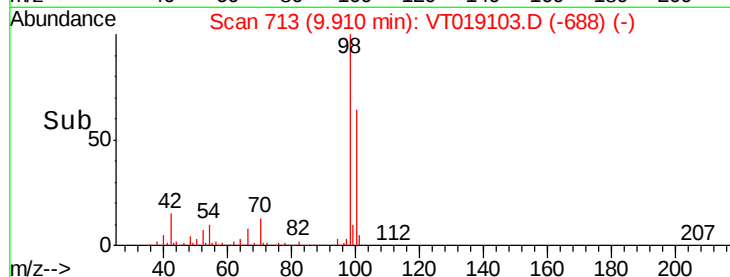
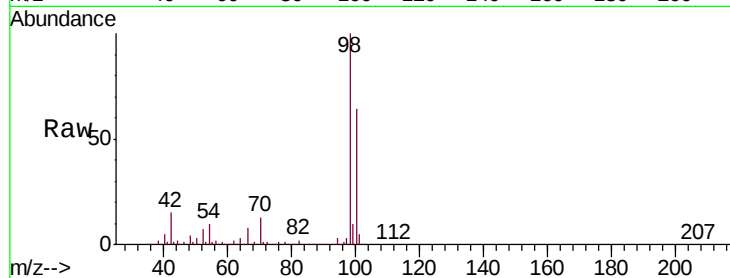
VSTDICCC050

Tgt Ion: 98 Resp: 1372772

Ion Ratio Lower Upper

98 100

100 62.7 50.2 75.2



#14

4-Bromofluorobenzene

Concen: 53.556 ug/l

RT: 12.23 min Scan# 909

Delta R.T. 0.00 min

Lab File: VT019103.D

Acq: 28 Nov 2018 11:50

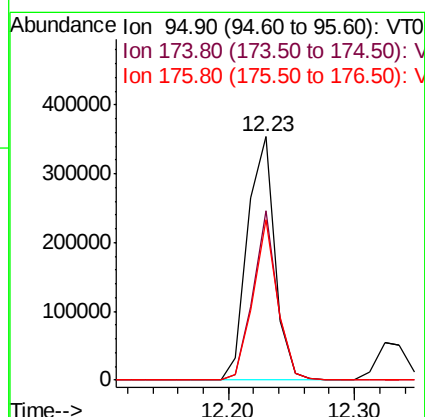
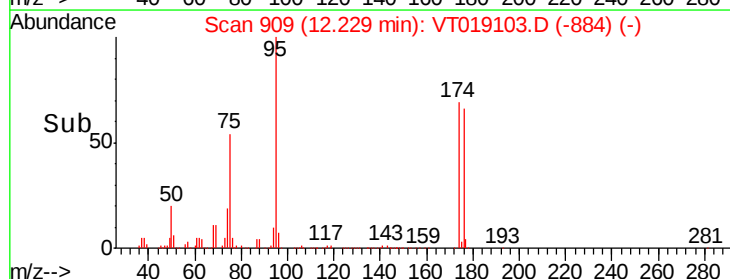
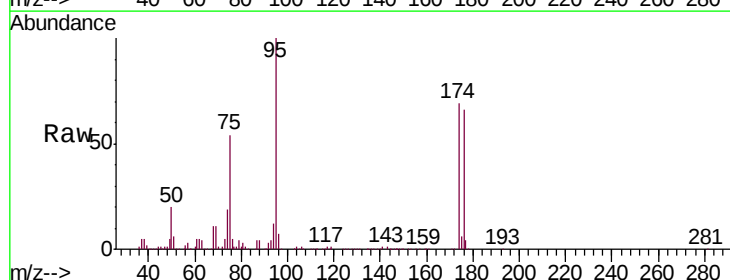
Tgt Ion: 95 Resp: 534664

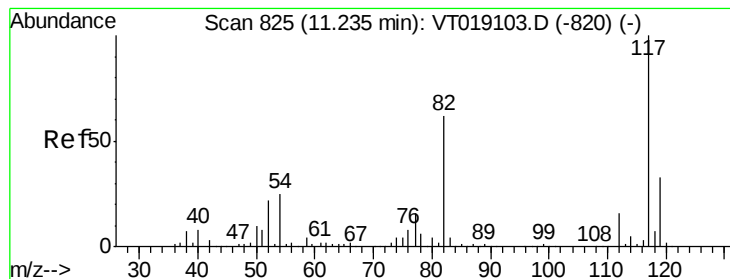
Ion Ratio Lower Upper

95 100

174 61.6 0.0 123.2

176 59.4 0.0 118.8





#15

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.24 min Scan# 825

Delta R.T. 0.00 min

Lab File: VT019103.D

Acq: 28 Nov 2018 11:50

Instrument :

MSVOA_T

ClientSampleId :

VSTDICCC050

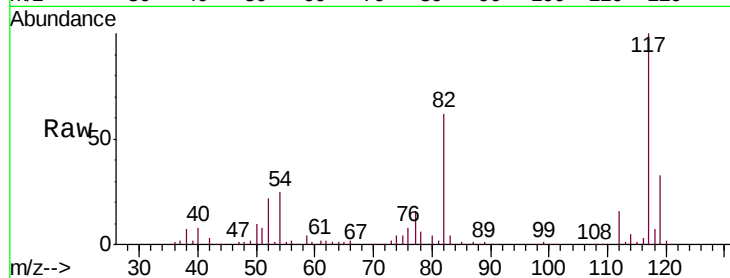
Tgt Ion:117 Resp: 933513

Ion Ratio Lower Upper

117 100

82 62.1 49.7 74.5

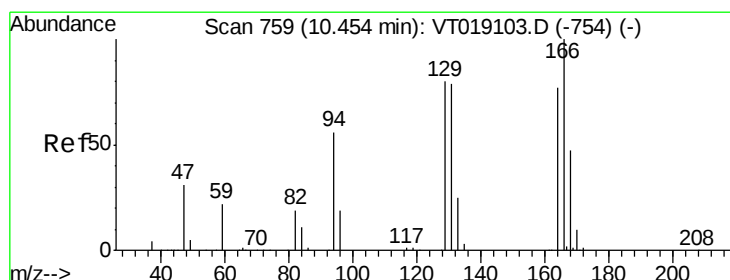
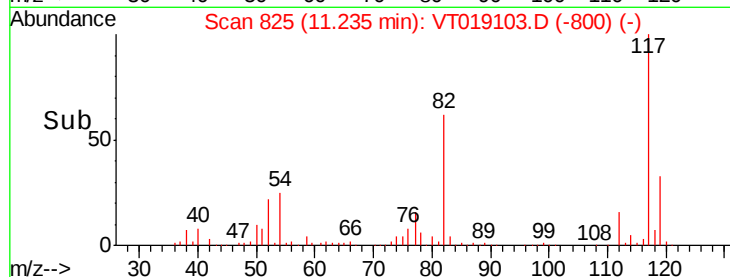
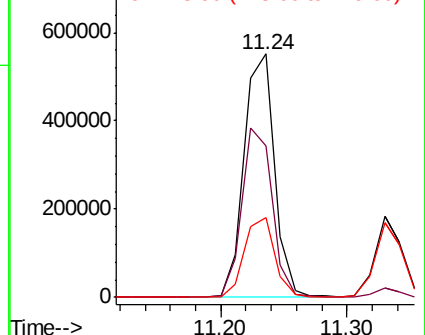
119 32.9 26.3 39.5



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VT0

Ion 118.90 (118.60 to 119.60): V



#16

Tetrachloroethene

Concen: 51.164 ug/l

RT: 10.45 min Scan# 759

Delta R.T. 0.00 min

Lab File: VT019103.D

Acq: 28 Nov 2018 11:50

Tgt Ion:164 Resp: 266109

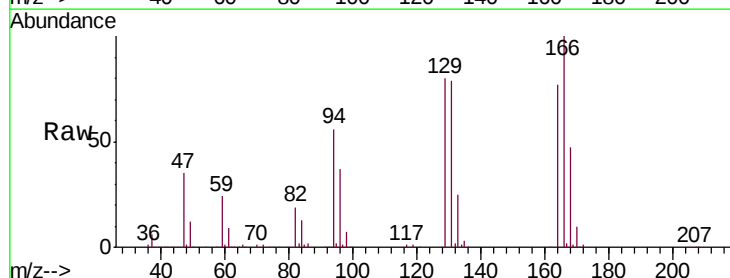
Ion Ratio Lower Upper

164 100

166 129.5 103.6 155.4

129 103.6 82.9 124.3

131 102.1 81.7 122.5

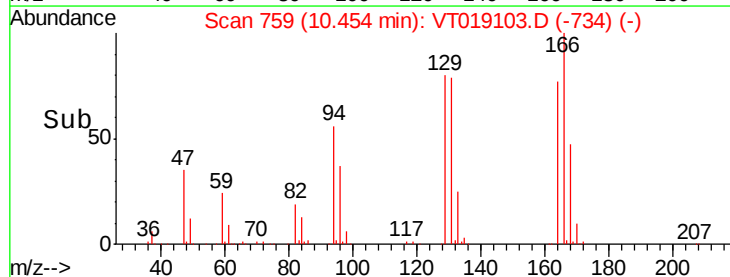
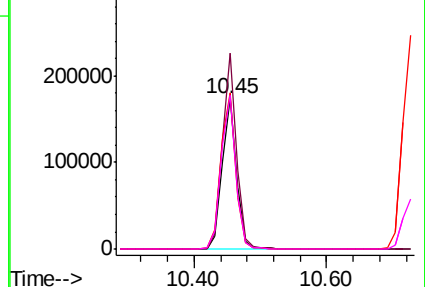


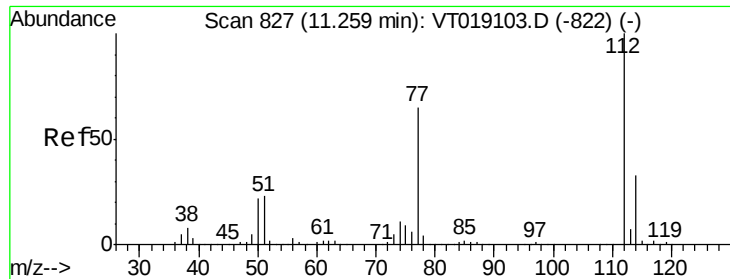
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

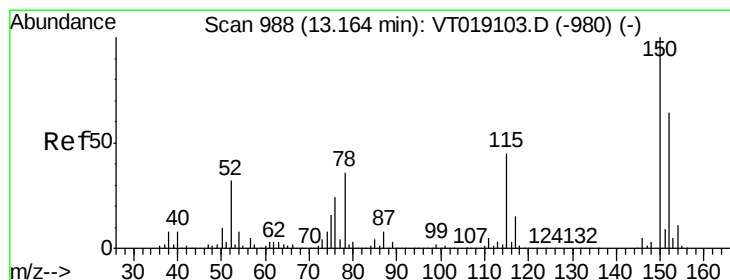
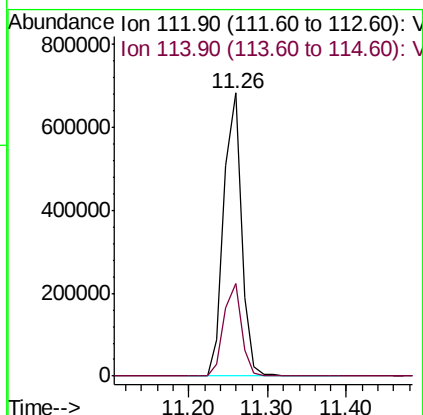
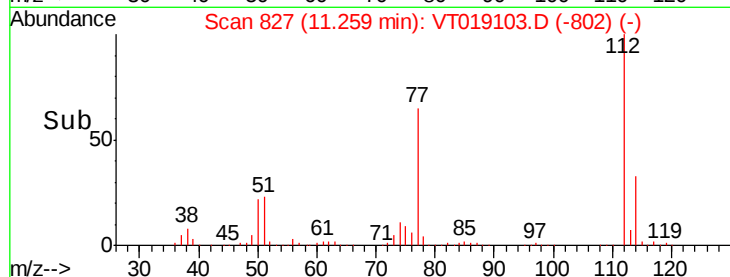
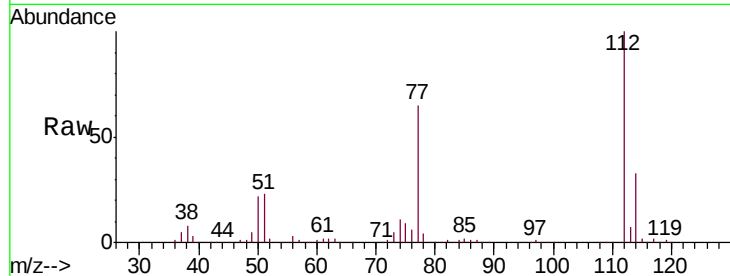




#17
Chlorobenzene
Concen: 50.693 ug/l
RT: 11.26 min Scan# 827
Delta R.T. 0.00 min
Lab File: VT019103.D
Acq: 28 Nov 2018 11:50

Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050

Tgt Ion:112 Resp: 1073372
Ion Ratio Lower Upper
112 100
114 32.9 26.3 39.5



#18
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.16 min Scan# 988
Delta R.T. 0.00 min
Lab File: VT019103.D
Acq: 28 Nov 2018 11:50

Tgt Ion:152 Resp: 496085
Ion Ratio Lower Upper
152 100
115 66.0 33.0 99.0
150 171.8 0.0 343.6

