

Data Path : Z:\VOASRV\HPCHEM1\MSVOA T\DATA\VT112818\
 Data File : VT019114.D
 Acq On : 28 Nov 2018 19:50
 Operator : SY/MD
 Sample : MDL6
 Misc : 5.0mL/MSVOA T/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 MDL6

Quant Time: Nov 29 06:31:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_T\METHODS\82T112818TCLP.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 29 06:21:27 2018
 Response via : Initial Calibration

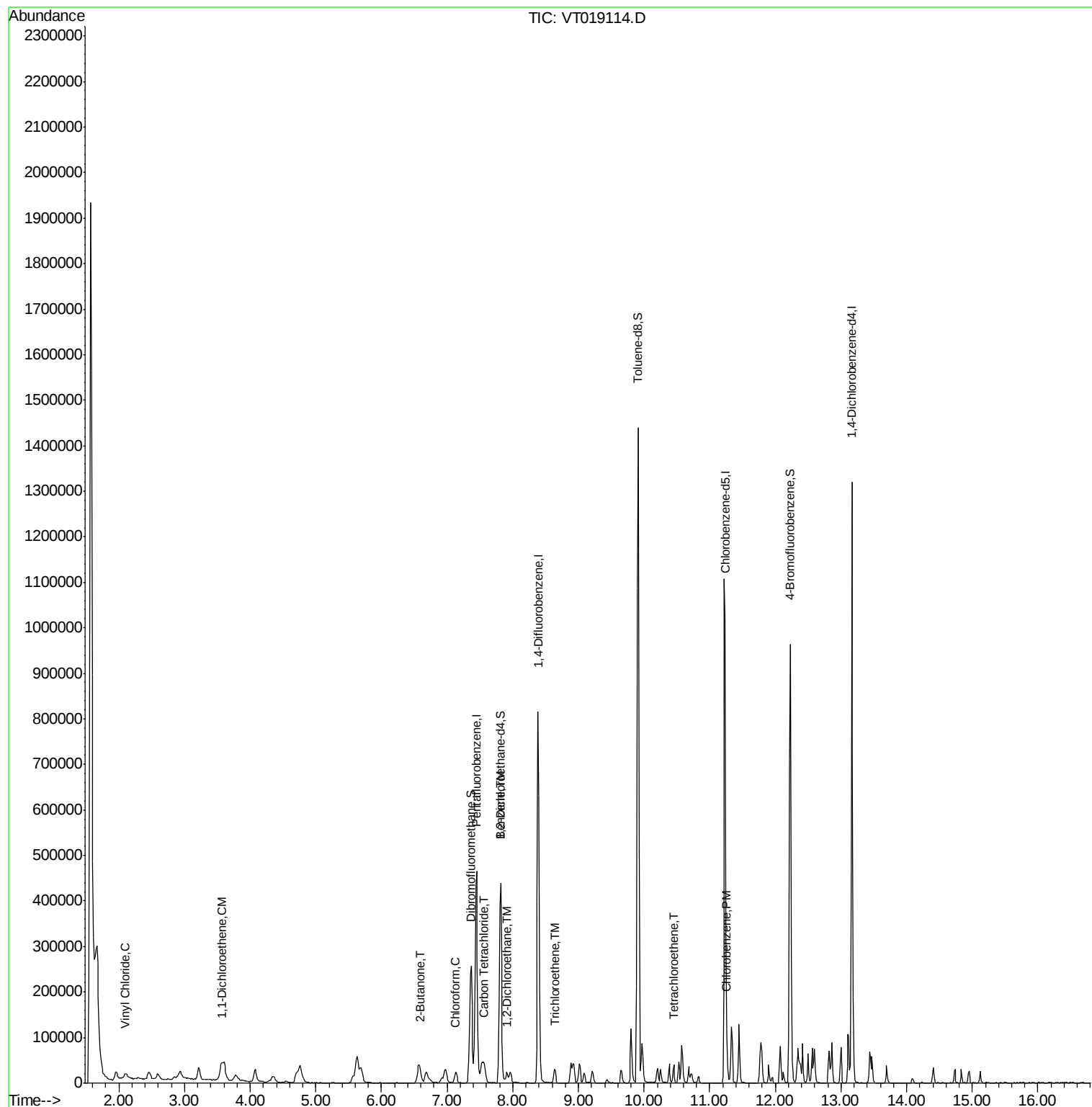
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.45	168	257041	50.00	ug/l	0.00
7) 1,4-Difluorobenzene	8.38	114	540326	50.00	ug/l	0.00
15) Chlorobenzene-d5	11.24	117	501100	50.00	ug/l	0.00
18) 1,4-Dichlorobenzene-d4	13.16	152	237031	50.00	ug/l	0.00
System Monitoring Compounds						
6) 1,2-Dichloroethane-d4	7.82	65	337572	66.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	133.70%	
8) Dibromofluoromethane	7.37	113	184244	52.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.96%	
13) Toluene-d8	9.91	98	831911	54.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.26%	
14) 4-Bromofluorobenzene	12.23	95	298283	52.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.18%	
Target Compounds						
					Qvalue	
2) Vinyl Chloride	2.10	62	25843	3.298	ug/l	97
3) 1,1-Dichloroethene	3.57	96	20993	3.894	ug/l	100
4) 2-Butanone	6.59	43	37488	15.534	ug/l	95
5) Chloroform	7.13	83	21657	3.068	ug/l	91
9) Carbon Tetrachloride	7.56	117	15098	2.606	ug/l	91
10) Benzene	7.82	78	47124	2.500	ug/l	99
11) 1,2-Dichloroethane	7.91	62	20519	2.981	ug/l	97
12) Trichloroethene	8.64	130	8472	2.297	ug/l	91
16) Tetrachloroethene	10.45	164	5713	2.046	ug/l #	88
17) Chlorobenzene	11.26	112	27089	2.383	ug/l	95

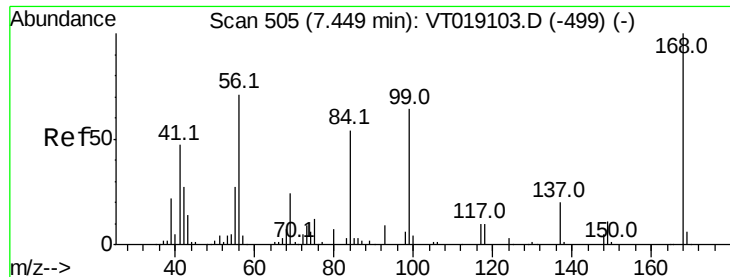
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Nov 29 06:21:27 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: VT019114.D

Acq: 28 Nov 2018 19:50

Instrument :

MSVOA_T

ClientSampleId :

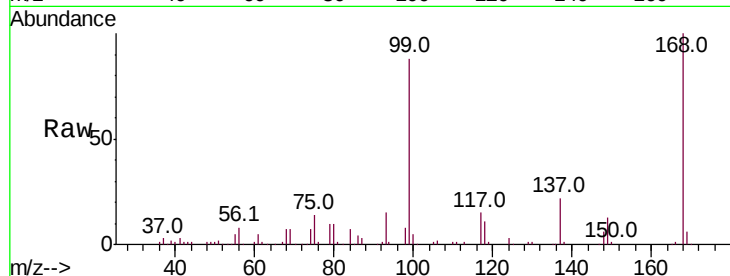
MDL6

Tot Ion:168 Resp: 257041

Ion Ratio Lower Upper

168 100

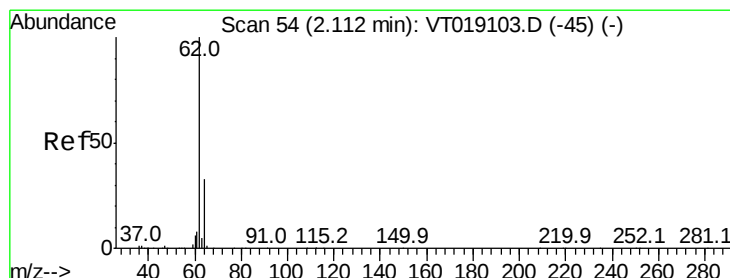
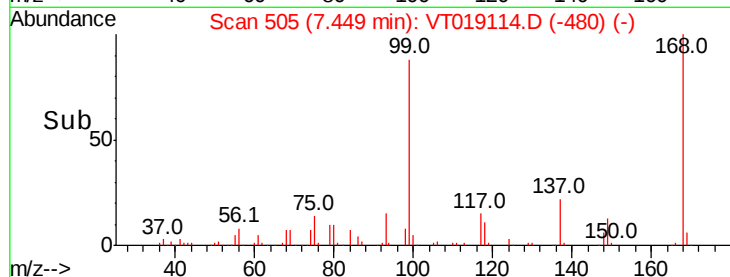
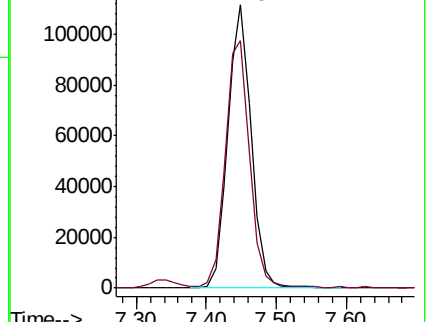
99 87.0 59.5 89.3



Abundance Ion 167.90 (167.60 to 168.60): VT0

Ion 98.90 (98.60 to 99.60): VT0

7.45



#2

Vinyl Chloride

Concen: 3.298 ug/l

RT: 2.10 min Scan# 53

Delta R.T. -0.01 min

Lab File: VT019114.D

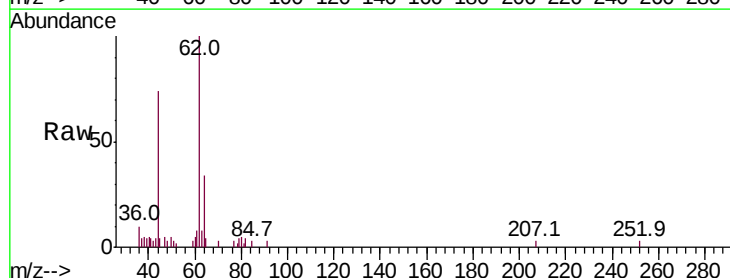
Acq: 28 Nov 2018 19:50

Tgt Ion: 62 Resp: 25843

Ion Ratio Lower Upper

62 100

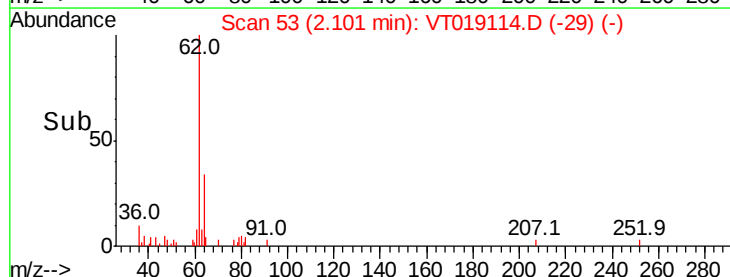
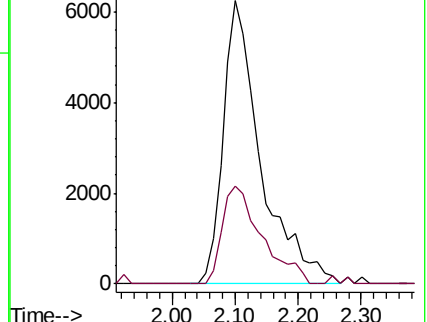
64 34.5 26.1 39.1

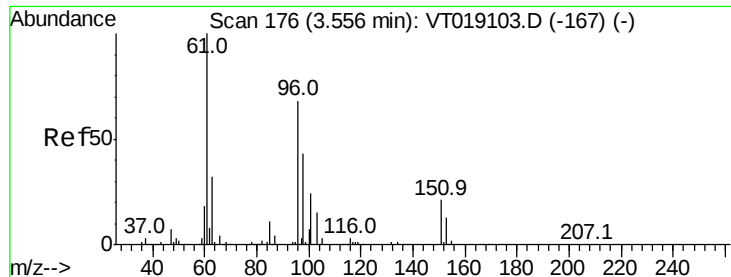


Abundance Ion 61.90 (61.60 to 62.60): VT0

Ion 63.90 (63.60 to 64.60): VT0

2.10





#3

1,1-Dichloroethene

Concen: 3.894 ug/l

RT: 3.57 min Scan# 177

Delta R.T. 0.01 min

Lab File: VT019114.D

Acq: 28 Nov 2018 19:50

Instrument :

MSVOA_T

ClientSampleId :

MDL6

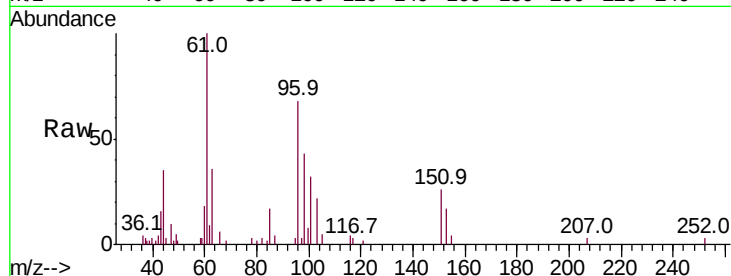
Tot Ion: 96 Resp: 20993

Ion Ratio Lower Upper

96 100

61 147.3 117.8 176.8

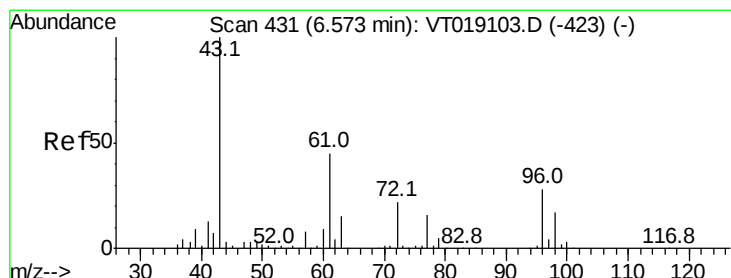
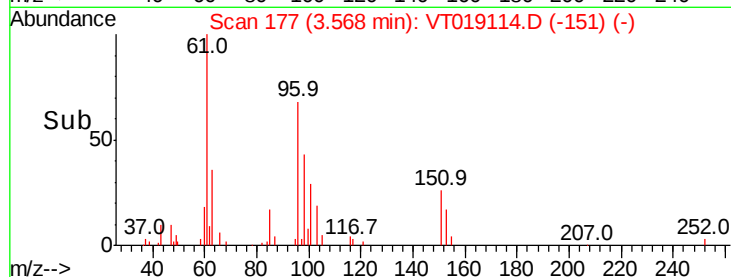
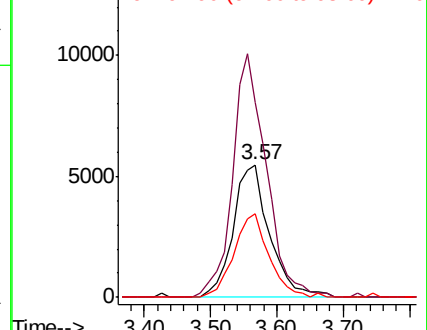
98 63.6 51.0 76.6



Abundance Ion 95.90 (95.60 to 96.60): VT0

Ion 60.90 (60.60 to 61.60): VT0

Ion 97.90 (97.60 to 98.60): VT0



#4

2-Butanone

Concen: 15.534 ug/l

RT: 6.59 min Scan# 432

Delta R.T. 0.01 min

Lab File: VT019114.D

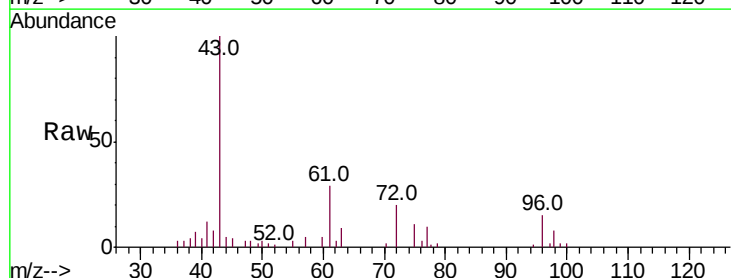
Acq: 28 Nov 2018 19:50

Tgt Ion: 43 Resp: 37488

Ion Ratio Lower Upper

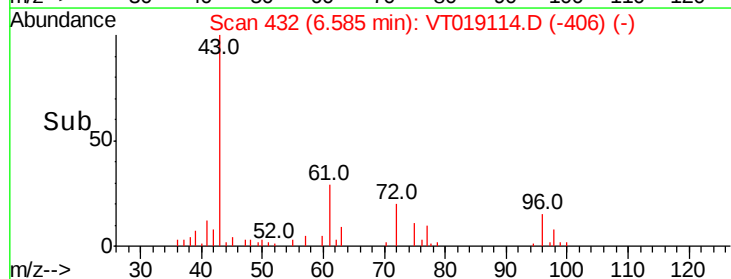
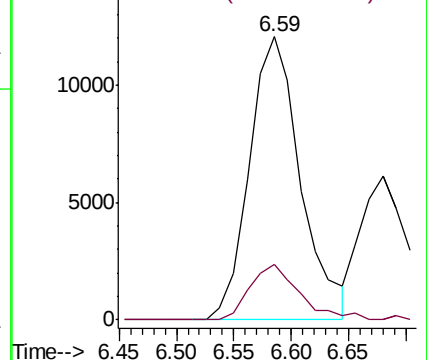
43 100

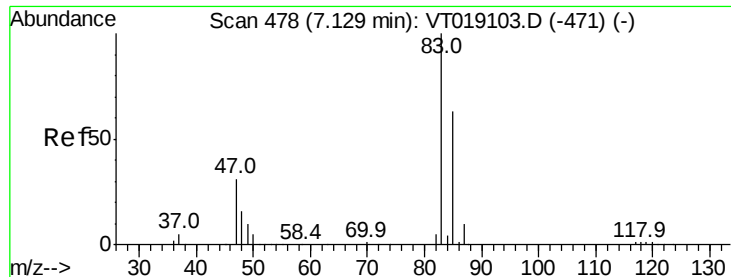
72 19.8 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VT0

Ion 72.00 (71.70 to 72.70): VT0





#5

Chloroform

Concen: 3.068 ug/l

RT: 7.13 min Scan# 478

Delta R.T. 0.00 min

Lab File: VT019114.D

Acq: 28 Nov 2018 19:50

Instrument :

MSVOA_T

ClientSampled :

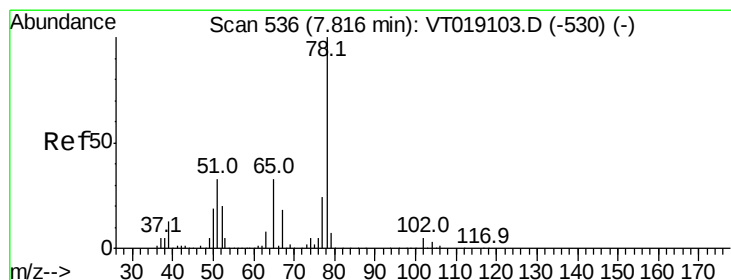
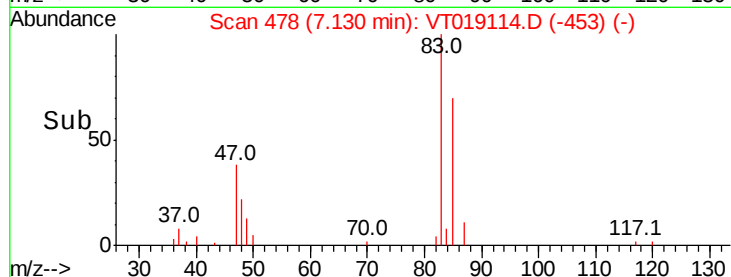
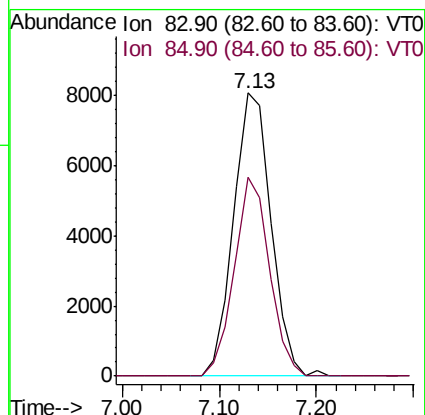
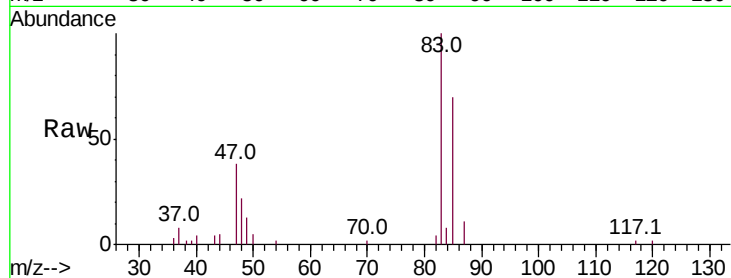
MDL6

Tot Ion: 83 Resp: 21657

Ion Ratio Lower Upper

83 100

85 70.1 50.4 75.6



#6

1,2-Dichloroethane-d4

Concen: 66.851 ug/l

RT: 7.82 min Scan# 536

Delta R.T. 0.00 min

Lab File: VT019114.D

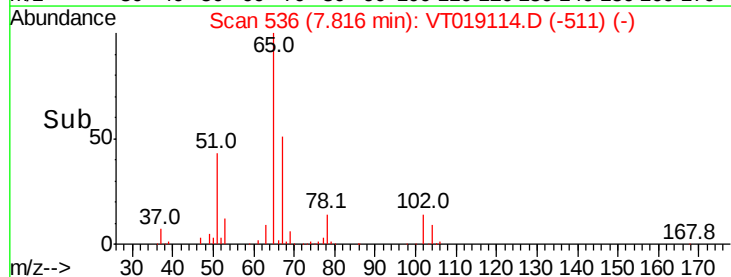
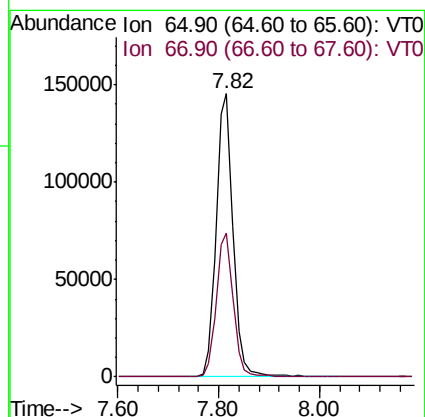
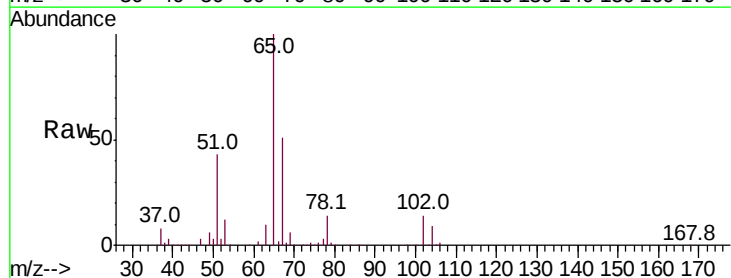
Acq: 28 Nov 2018 19:50

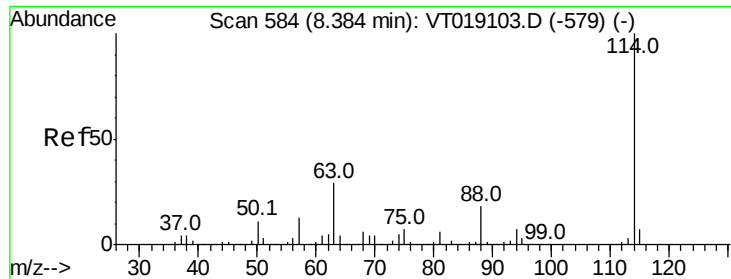
Tgt Ion: 65 Resp: 337572

Ion Ratio Lower Upper

65 100

67 50.6 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: VT019114.D

Acq: 28 Nov 2018 19:50

Instrument :

MSVOA_T

ClientSampleId :

MDL6

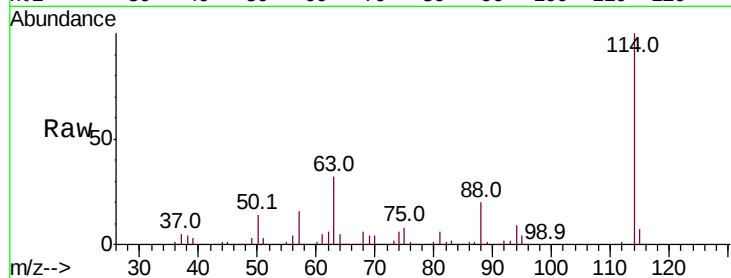
Tot Ion:114 Resp: 540326

Ion Ratio Lower Upper

114 100

63 31.8 0.0 57.4

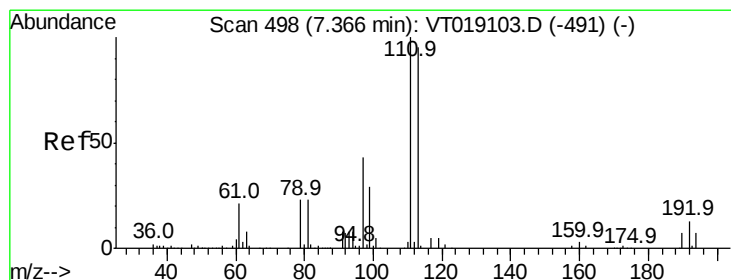
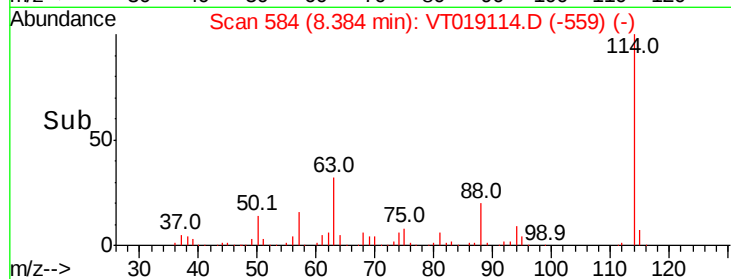
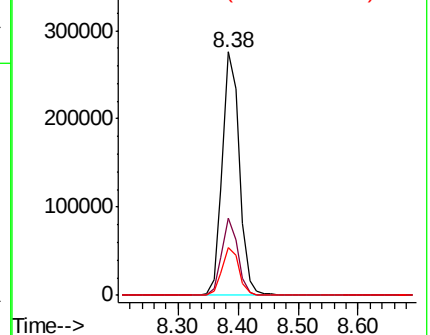
88 19.7 0.0 37.0



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: 52.975 ug/l

RT: 7.37 min Scan# 498

Delta R.T. 0.00 min

Lab File: VT019114.D

Acq: 28 Nov 2018 19:50

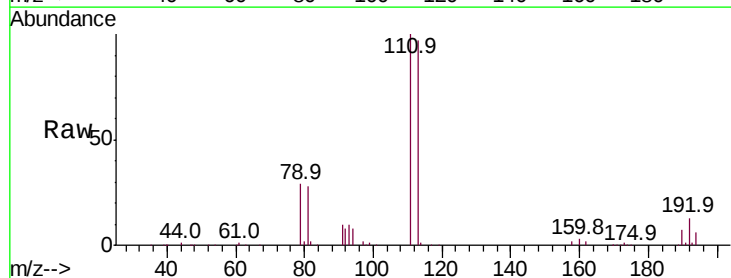
Tgt Ion:113 Resp: 184244

Ion Ratio Lower Upper

113 100

111 104.2 83.9 125.9

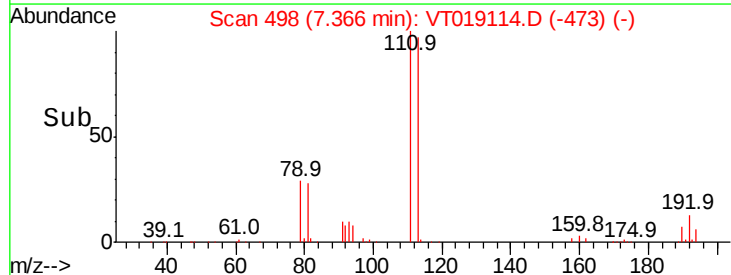
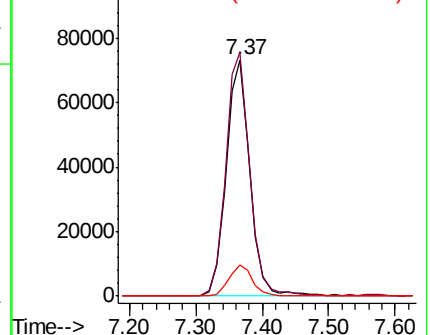
192 13.0 11.5 17.3

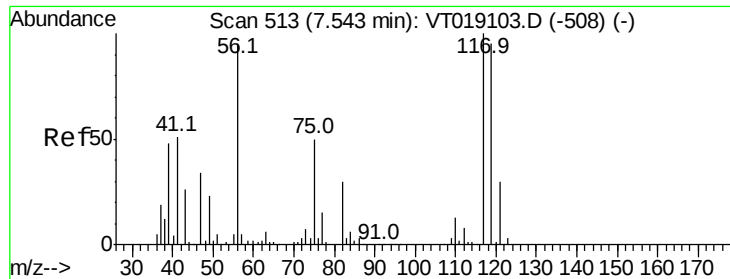


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#9

Carbon Tetrachloride

Concen: 2.606 ug/l

RT: 7.56 min Scan# 514

Delta R.T. 0.01 min

Lab File: VT019114.D

Acq: 28 Nov 2018 19:50

Instrument :

MSVOA_T

ClientSampleId :

MDL6

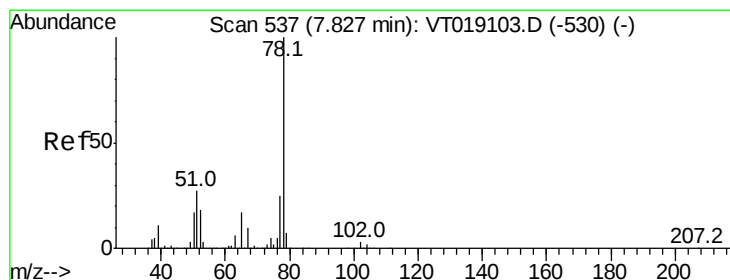
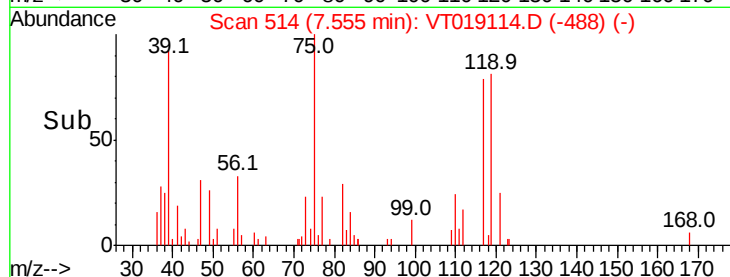
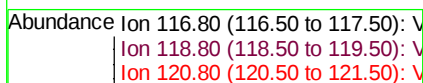
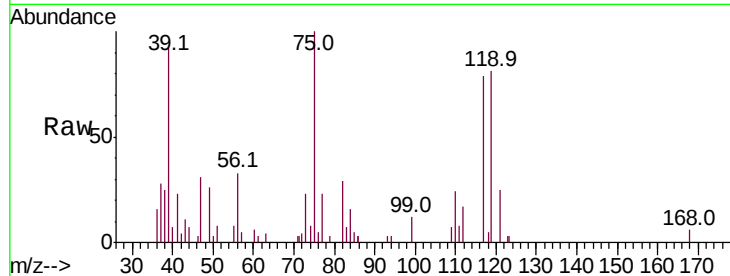
Tot Ion:117 Resp: 15098

Ion Ratio Lower Upper

117 100

119 103.7 75.0 112.6

121 32.2 23.5 35.3



#10

Benzene

Concen: 2.500 ug/l

RT: 7.82 min Scan# 536

Delta R.T. -0.01 min

Lab File: VT019114.D

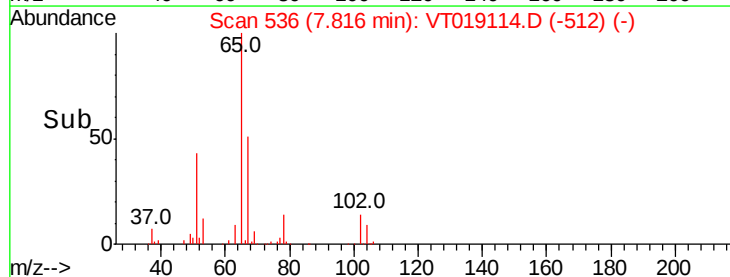
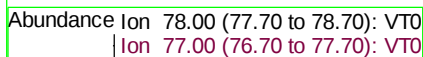
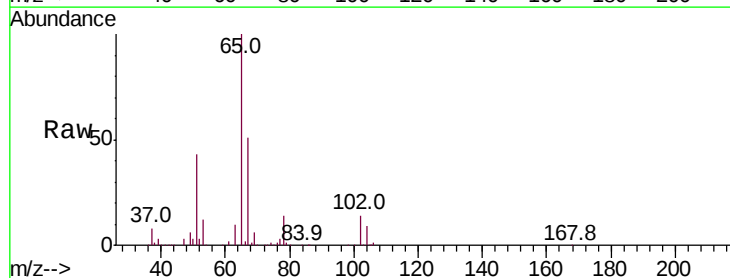
Acq: 28 Nov 2018 19:50

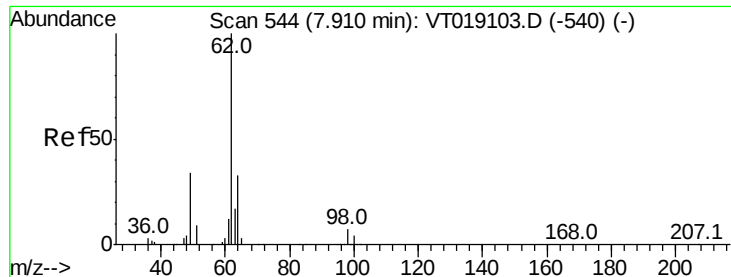
Tgt Ion: 78 Resp: 47124

Ion Ratio Lower Upper

78 100

77 24.0 19.7 29.5





#11

1,2-Dichloroethane

Concen: 2.981 ug/l

RT: 7.91 min Scan# 544

Delta R.T. 0.00 min

Lab File: VT019114.D

Acq: 28 Nov 2018 19:50

Instrument :

MSVOA_T

ClientSampleId :

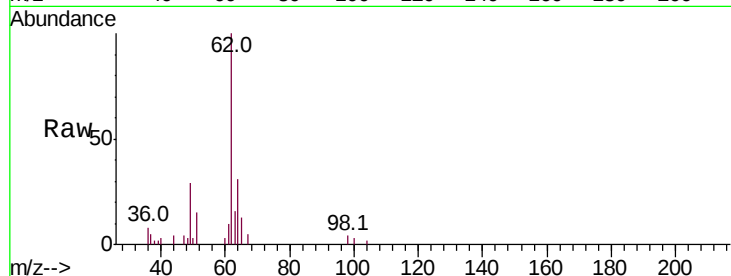
MDL6

Tot Ion: 62 Resp: 20519

Ion Ratio Lower Upper

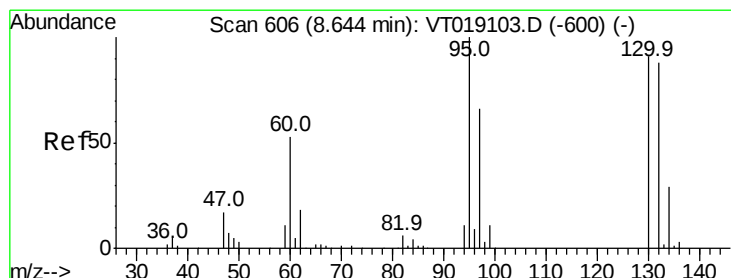
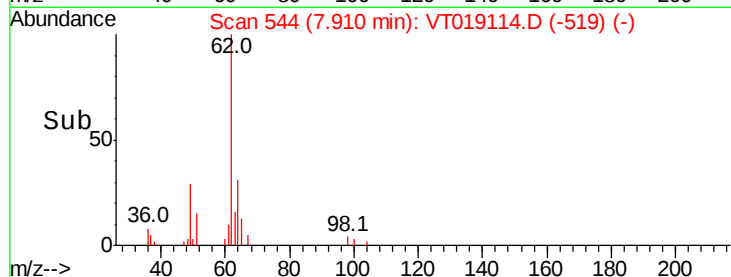
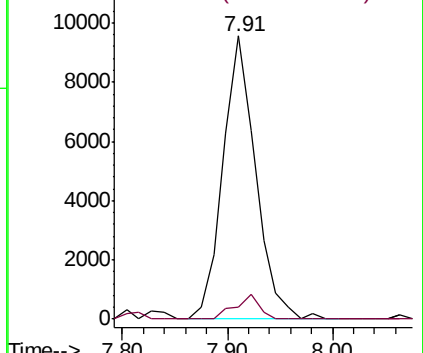
62 100

98 6.4 0.0 14.6



Abundance Ion 61.90 (61.60 to 62.60): VT0

Ion 97.90 (97.60 to 98.60): VT0



#12

Trichloroethene

Concen: 2.297 ug/l

RT: 8.64 min Scan# 606

Delta R.T. 0.00 min

Lab File: VT019114.D

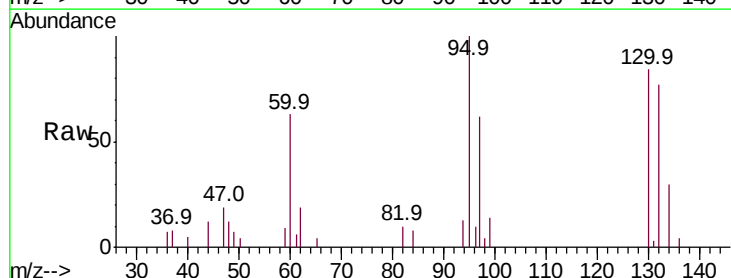
Acq: 28 Nov 2018 19:50

Tgt Ion:130 Resp: 8472

Ion Ratio Lower Upper

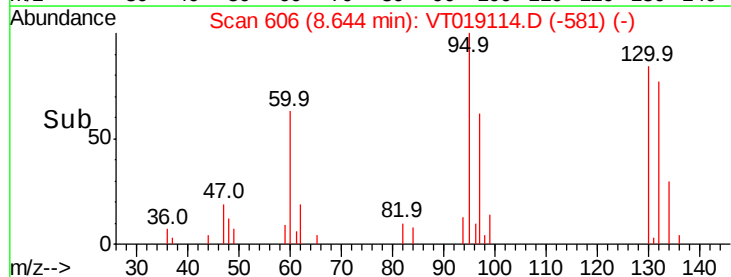
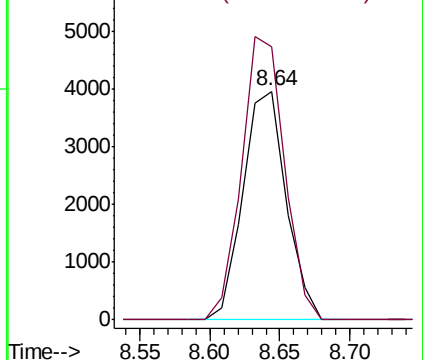
130 100

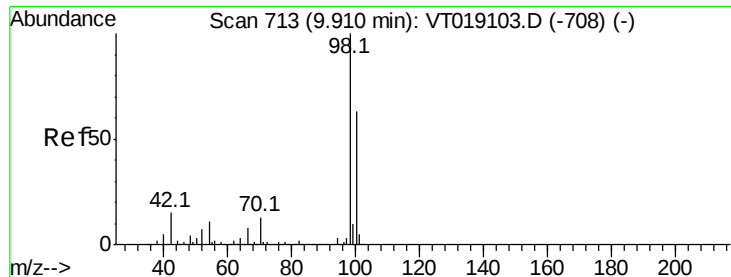
95 119.2 0.0 218.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VT0





#13

Toluene-d8

Concen: 54.627 ug/l

RT: 9.91 min Scan# 713

Delta R.T. 0.00 min

Lab File: VT019114.D

Acq: 28 Nov 2018 19:50

Instrument :

MSVOA_T

ClientSampleId :

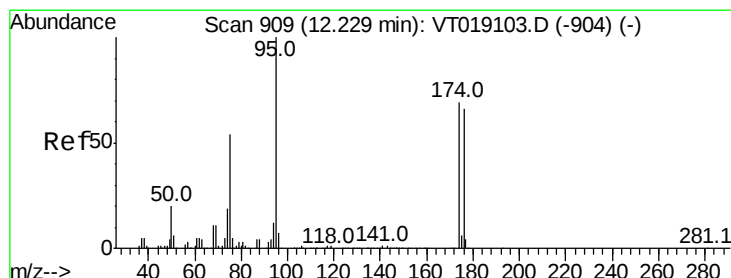
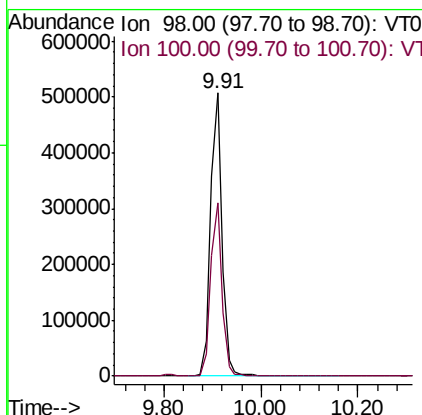
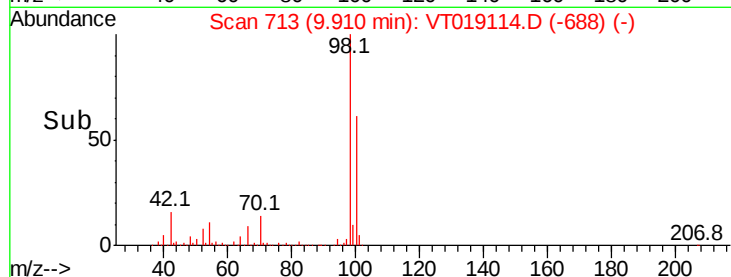
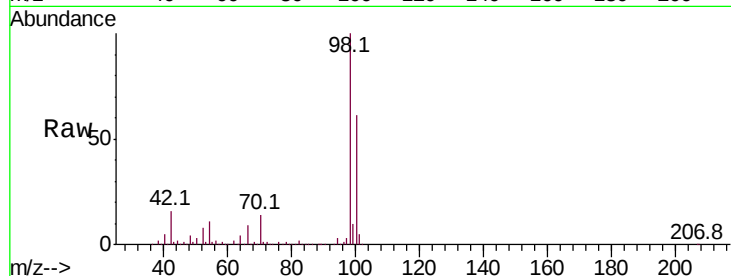
MDL6

Tot Ion: 98 Resp: 831911

Ion Ratio Lower Upper

98 100

100 60.9 50.2 75.2



#14

4-Bromofluorobenzene

Concen: 52.090 ug/l

RT: 12.23 min Scan# 909

Delta R.T. 0.00 min

Lab File: VT019114.D

Acq: 28 Nov 2018 19:50

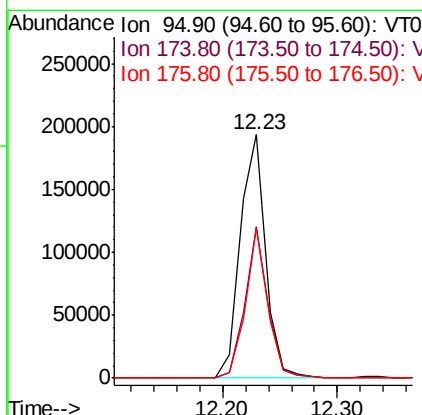
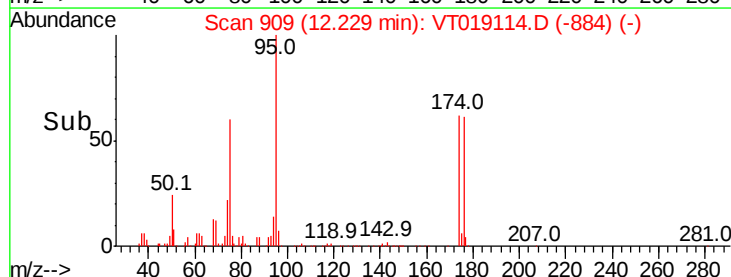
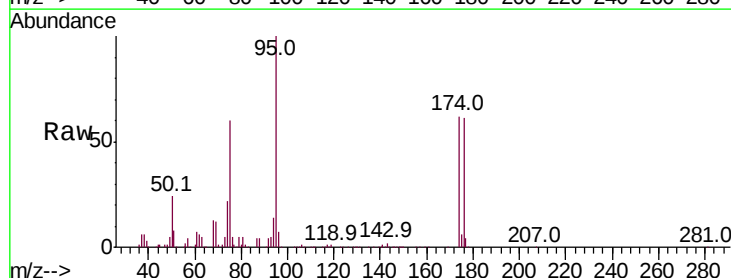
Tgt Ion: 95 Resp: 298283

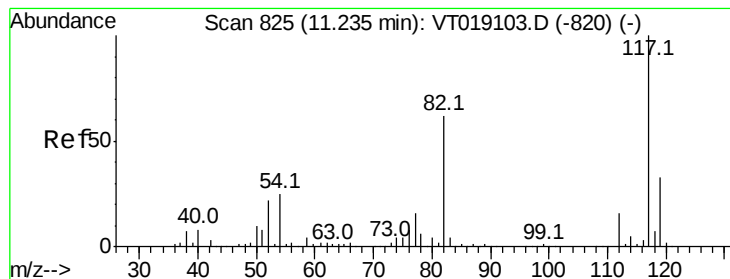
Ion Ratio Lower Upper

95 100

174 55.8 0.0 123.2

176 53.7 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: VT019114.D

Acq: 28 Nov 2018 19:50

Instrument :

MSVOA_T

ClientSampleId :

MDL6

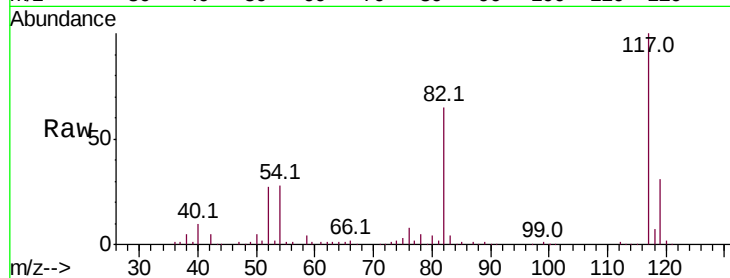
Tot Ion:117 Resp: 501100

Ion Ratio Lower Upper

117 100

82 64.9 49.7 74.5

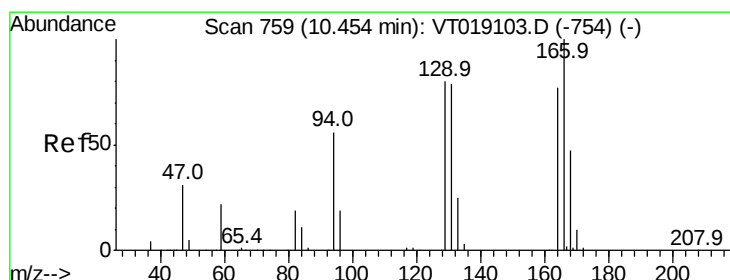
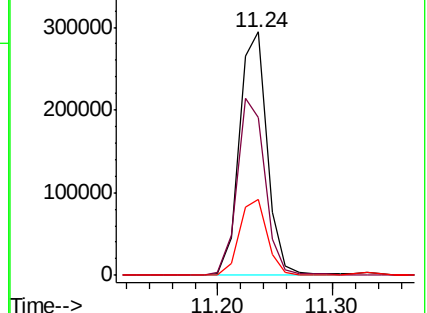
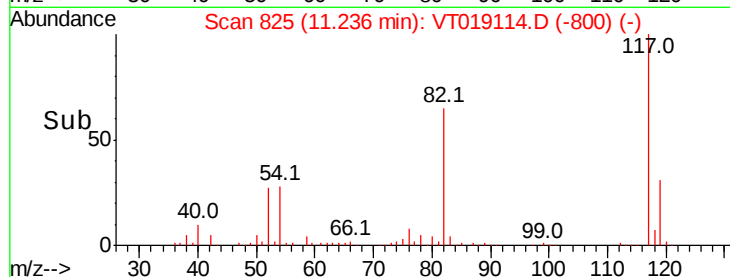
119 31.4 26.3 39.5



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: 2.046 ug/l

RT: 10.45 min Scan# 759

Delta R.T. 0.00 min

Lab File: VT019114.D

Acq: 28 Nov 2018 19:50

Tgt Ion:164 Resp: 5713

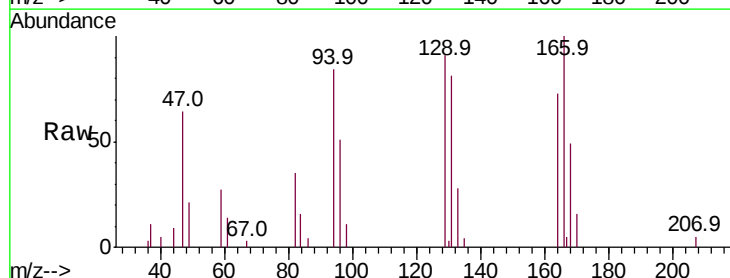
Ion Ratio Lower Upper

164 100

166 137.4 103.6 155.4

129 125.3 82.9 124.3#

131 111.9 81.7 122.5

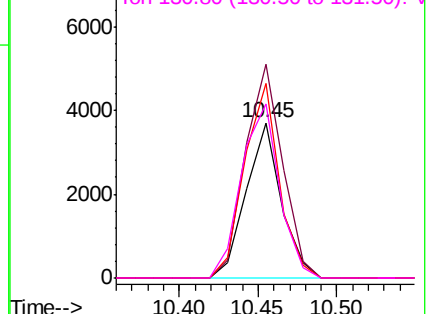
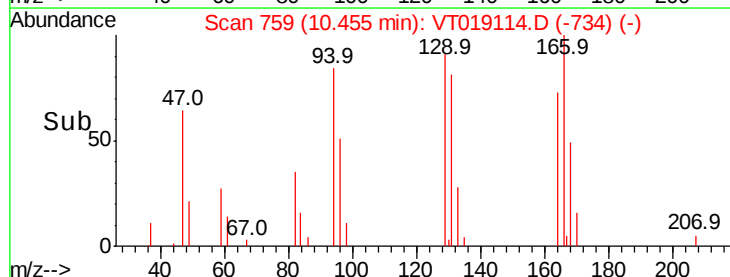


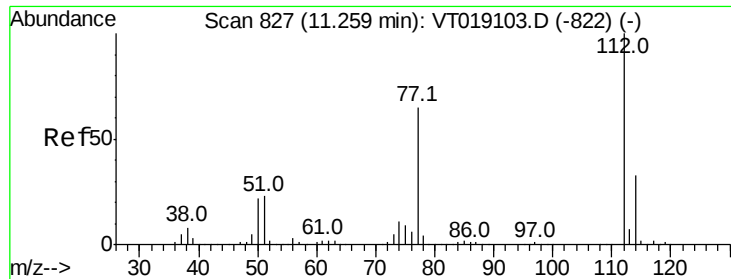
Abundance Ion 163.80 (163.50 to 164.50): V

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

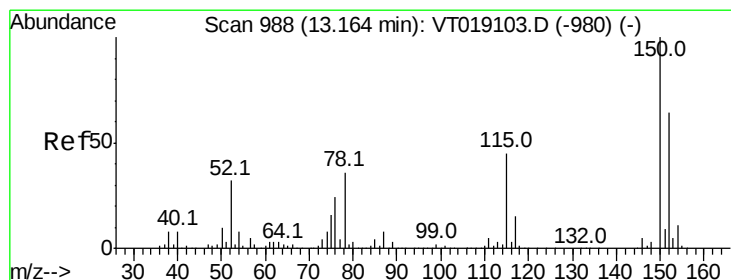
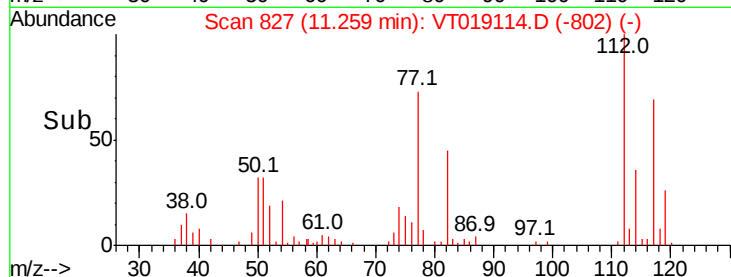
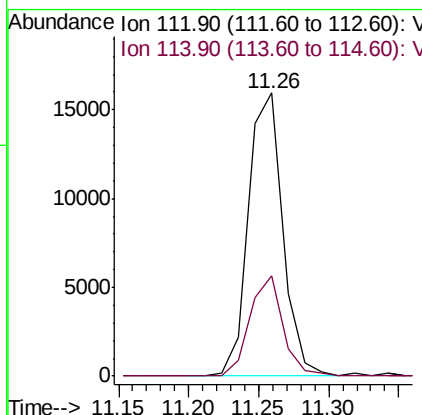
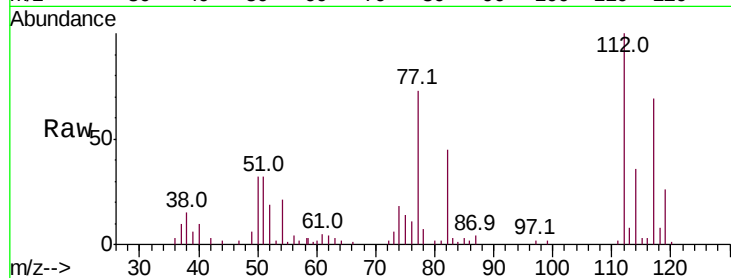




#17
Chlorobenzene
Concen: 2.383 ug/l
RT: 11.26 min Scan# 827
Delta R.T. 0.00 min
Lab File: VT019114.D
Acq: 28 Nov 2018 19:50

Instrument :
MSVOA_T
ClientSampleId :
MDL6

Tot Ion:112 Resp: 27089
Ion Ratio Lower Upper
112 100
114 35.5 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: VT019114.D
Acq: 28 Nov 2018 19:50

Tgt Ion:152 Resp: 237031
Ion Ratio Lower Upper
152 100
115 71.5 33.0 99.0
150 154.6 0.0 343.6

