

Data Path : Z:\VOASRV\HPCHEM1\MSVOA T\DATA\VT112818\
 Data File : VT019105.D
 Acq On : 28 Nov 2018 13:19
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA T/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 ICVVT112818

Quant Time: Nov 29 06:27:46 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

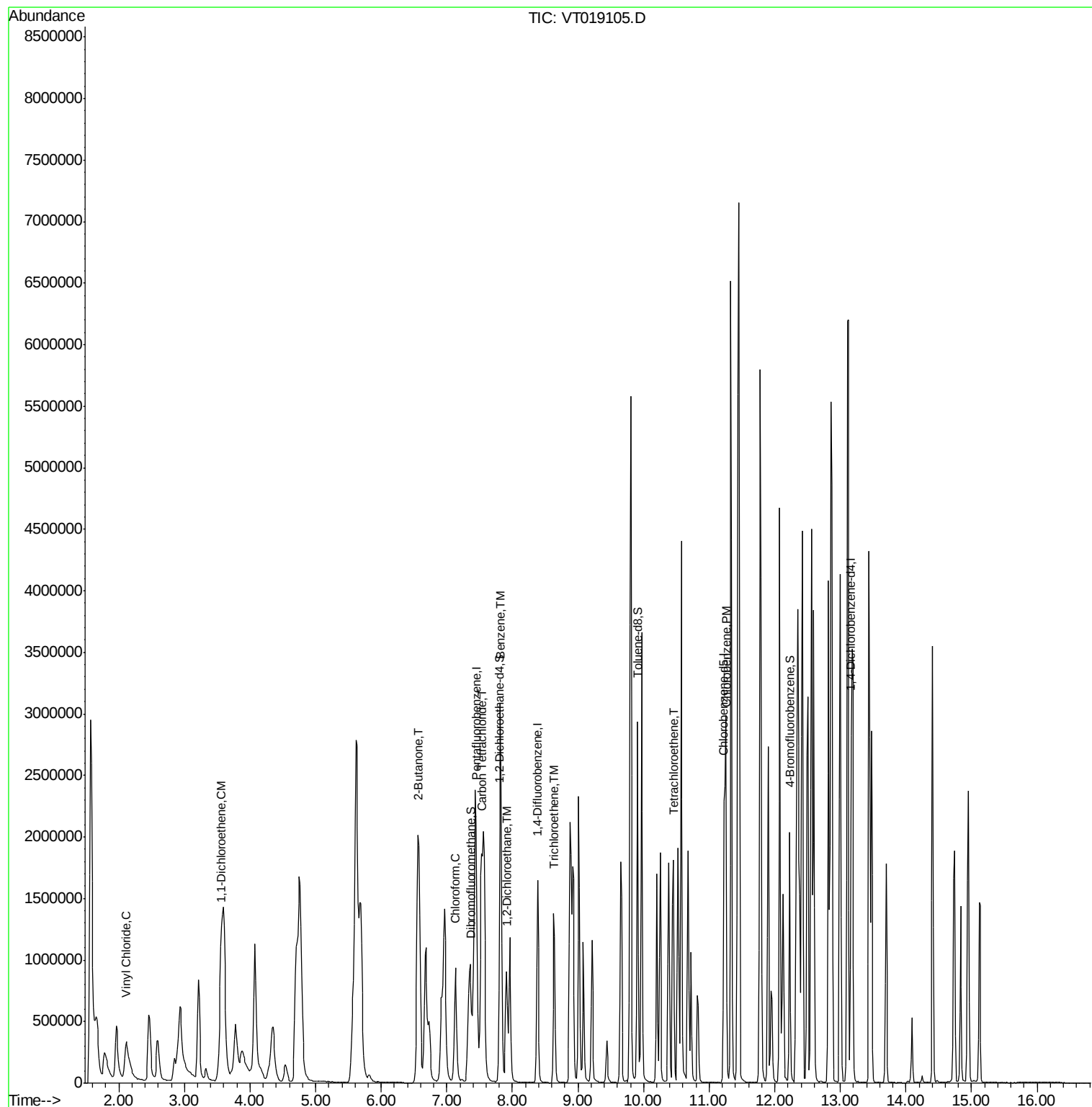
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.45	168	700042	50.00	ug/l	0.00
7) 1,4-Difluorobenzene	8.38	114	1164101	50.00	ug/l	0.00
15) Chlorobenzene-d5	11.22	117	1068615	50.00	ug/l	-0.01
18) 1,4-Dichlorobenzene-d4	13.16	152	540599	50.00	ug/l	0.00
System Monitoring Compounds						
6) 1,2-Dichloroethane-d4	7.80	65	665310	48.38	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	96.76%	
8) Dibromofluoromethane	7.37	113	441767	58.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.92%	
13) Toluene-d8	9.91	98	1819259	55.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.90%	
14) 4-Bromofluorobenzene	12.23	95	676076	54.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.60%	
Target Compounds						
					Qvalue	
2) Vinyl Chloride	2.11	62	954006	44.700	ug/l	99
3) 1,1-Dichloroethene	3.56	96	690263	47.017	ug/l	96
4) 2-Butanone	6.57	43	1711678	260.432	ug/l	99
5) Chloroform	7.13	83	938551	48.818	ug/l	99
9) Carbon Tetrachloride	7.54	117	702079	56.250	ug/l	98
10) Benzene	7.82	78	2320242	57.133	ug/l	100
11) 1,2-Dichloroethane	7.91	62	794246	53.555	ug/l	100
12) Trichloroethene	8.63	130	438738	55.202	ug/l	91
16) Tetrachloroethene	10.45	164	343064	57.621	ug/l	98
17) Chlorobenzene	11.26	112	1346066	55.535	ug/l	100

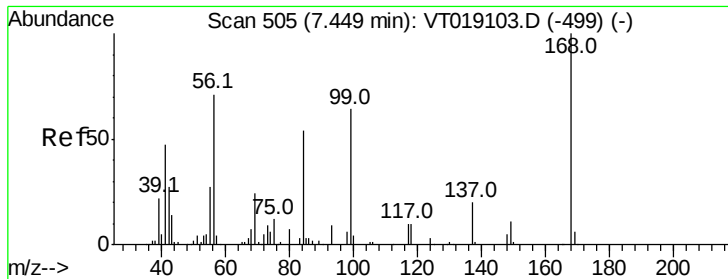
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VT019105.D

Acq: 28 Nov 2018 13:19

Instrument :

MSVOA_T

ClientSampleId :

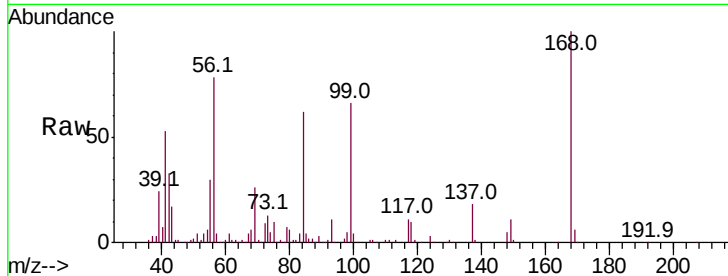
ICVVT112818

Tot Ion:168 Resp: 700042

Ion Ratio Lower Upper

168 100

99 66.0 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

300000

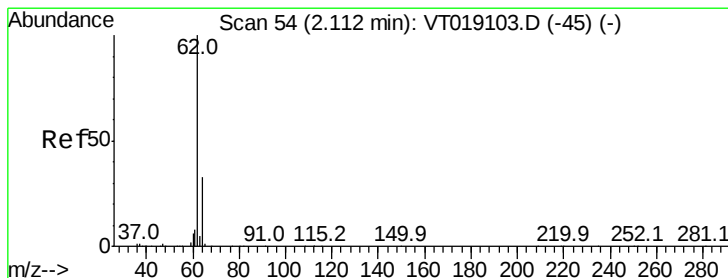
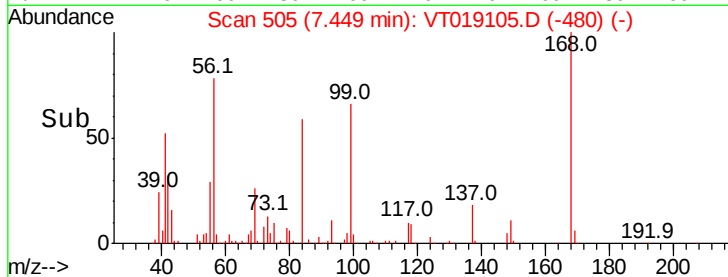
200000

100000

0

7.40 7.60 7.80

Time-->



#2

Vinyl Chloride

Concen: 44.700 ug/l

RT: 2.11 min Scan# 54

Delta R.T. 0.00 min

Lab File: VT019105.D

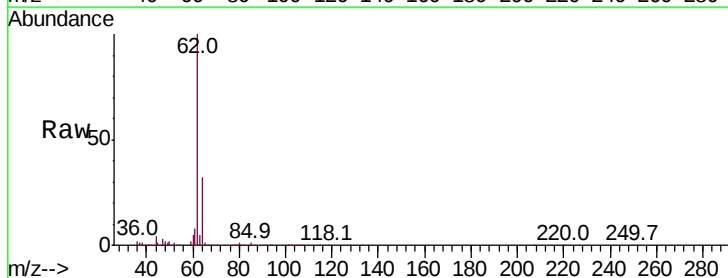
Acq: 28 Nov 2018 13:19

Tgt Ion: 62 Resp: 954006

Ion Ratio Lower Upper

62 100

64 32.0 26.1 39.1



Abundance Ion 61.90 (61.60 to 62.60): VT0

Ion 63.90 (63.60 to 64.60): VT0

2.11

200000

150000

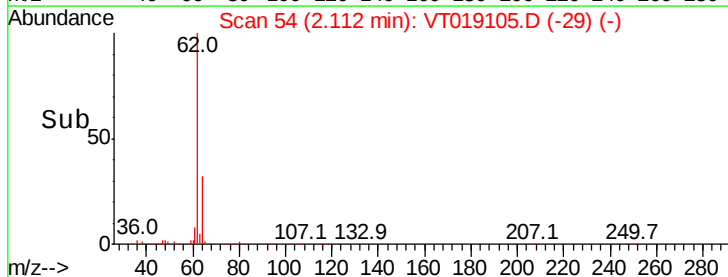
100000

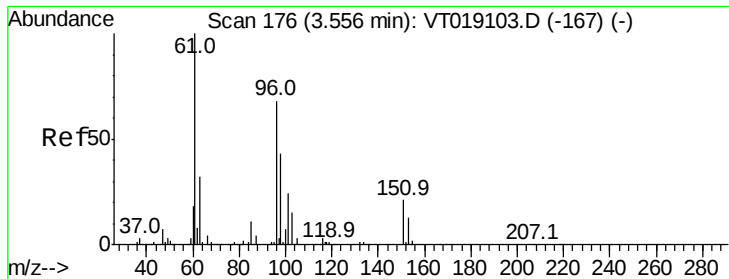
50000

0

2.00 2.20 2.40

Time-->





#3

1,1-Dichloroethene

Concen: 47.017 ug/l

RT: 3.56 min Scan# 176

Delta R.T. 0.00 min

Lab File: VT019105.D

Acq: 28 Nov 2018 13:19

Instrument :

MSVOA_T

ClientSampleId :

ICVVT112818

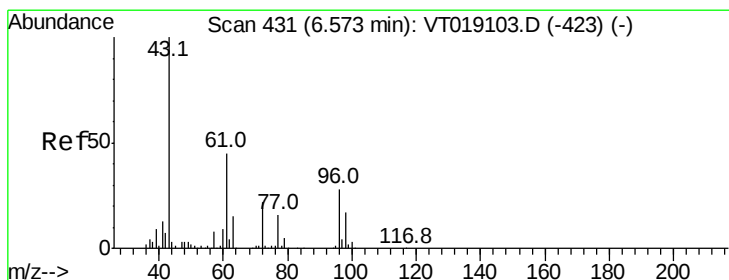
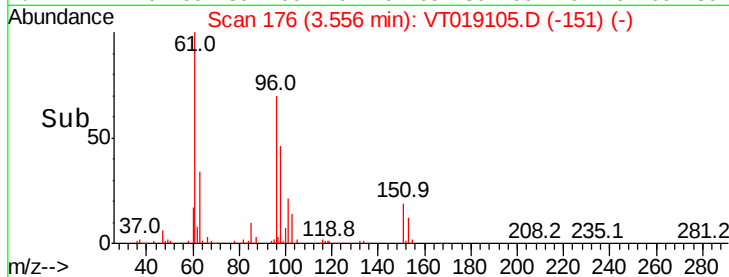
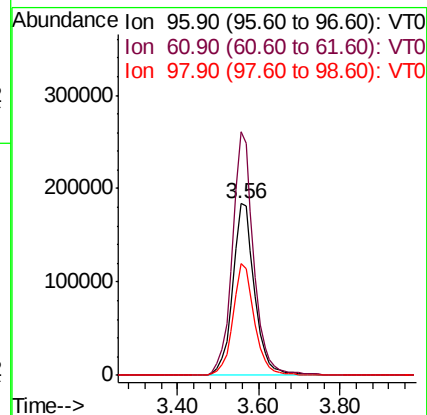
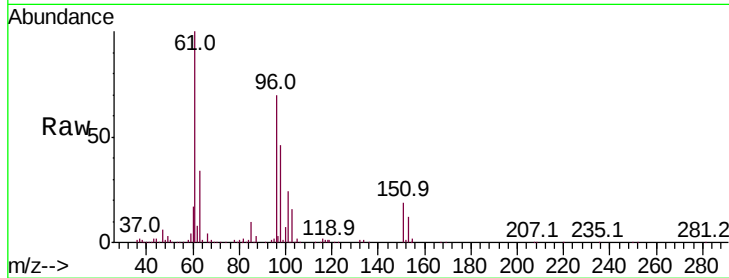
Tot Ion: 96 Resp: 690263

Ion Ratio Lower Upper

96 100

61 142.1 117.8 176.8

98 65.6 51.0 76.6



#4

2-Butanone

Concen: 260.432 ug/l

RT: 6.57 min Scan# 431

Delta R.T. 0.00 min

Lab File: VT019105.D

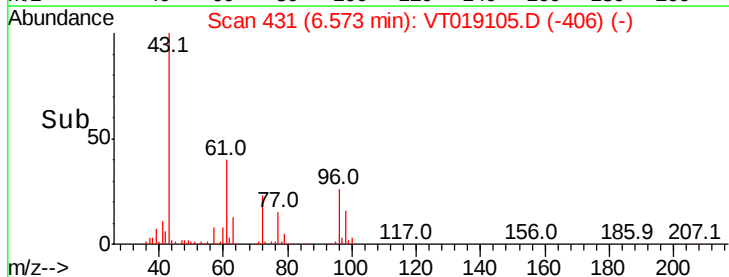
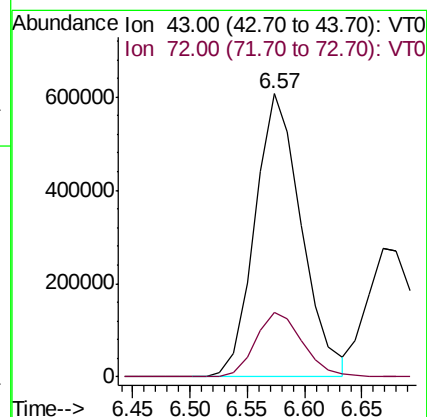
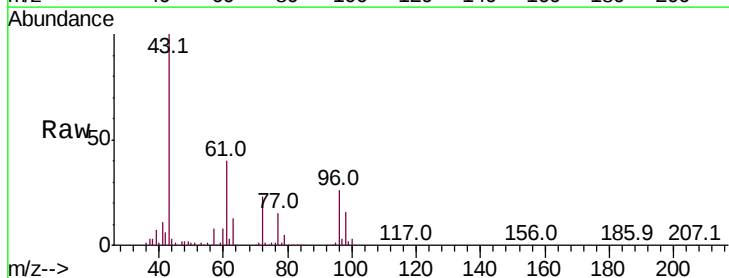
Acq: 28 Nov 2018 13:19

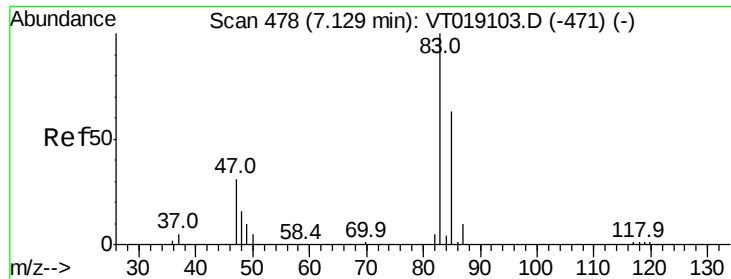
Tgt Ion: 43 Resp: 1711678

Ion Ratio Lower Upper

43 100

72 22.8 17.8 26.6





#5

Chloroform

Concen: 48.818 ug/l

RT: 7.13 min Scan# 478

Delta R.T. 0.00 min

Lab File: VT019105.D

Acq: 28 Nov 2018 13:19

Instrument :

MSVOA_T

ClientSampleId :

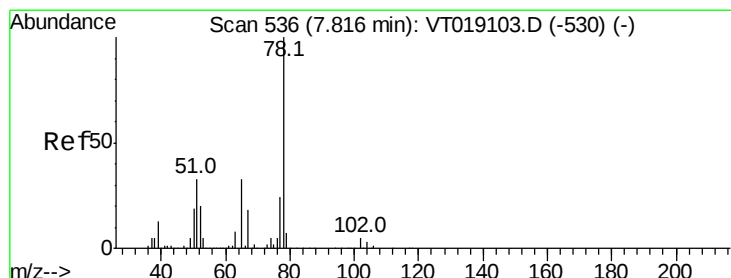
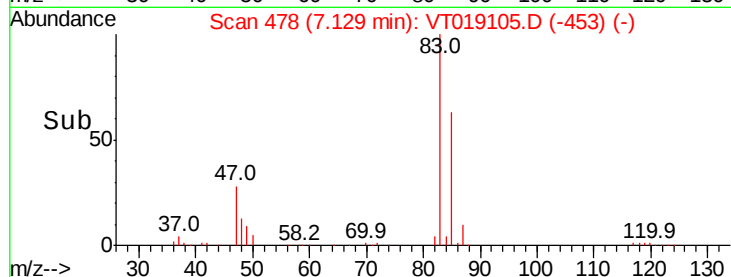
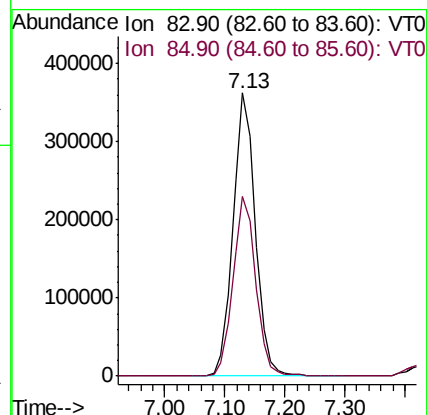
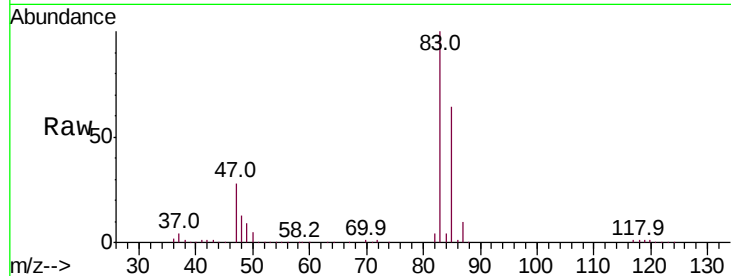
ICVVT112818

Tot Ion: 83 Resp: 938551

Ion Ratio Lower Upper

83 100

85 63.5 50.4 75.6



#6

1,2-Dichloroethane-d4

Concen: 48.378 ug/l

RT: 7.80 min Scan# 535

Delta R.T. -0.01 min

Lab File: VT019105.D

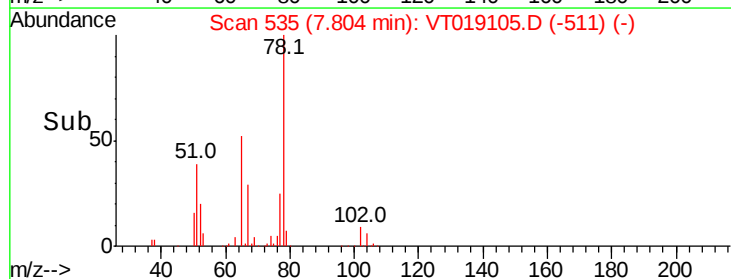
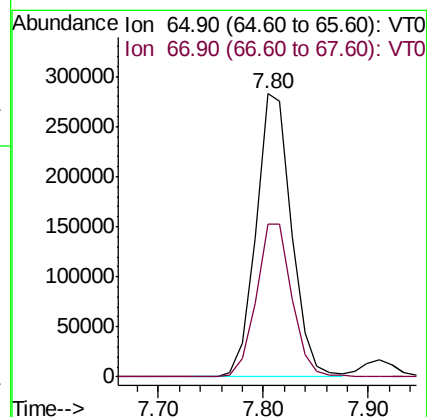
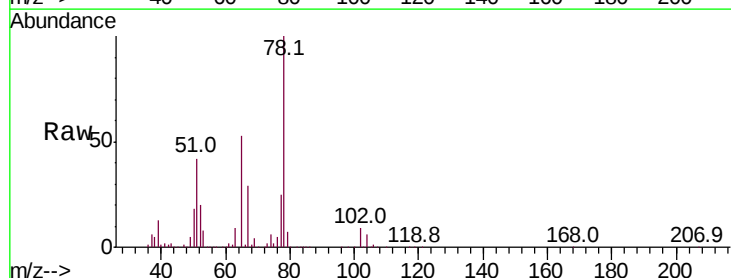
Acq: 28 Nov 2018 13:19

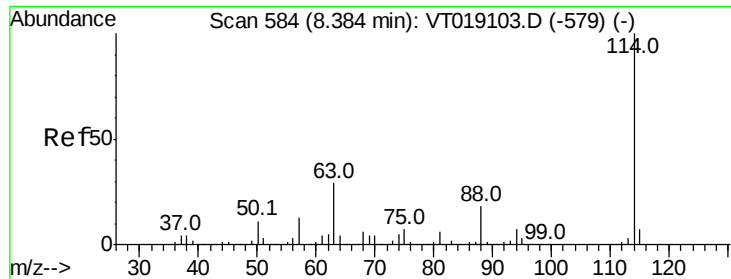
Tgt Ion: 65 Resp: 665310

Ion Ratio Lower Upper

65 100

67 54.5 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: VT019105.D

Acq: 28 Nov 2018 13:19

Instrument :

MSVOA_T

ClientSampleId :

ICVVT112818

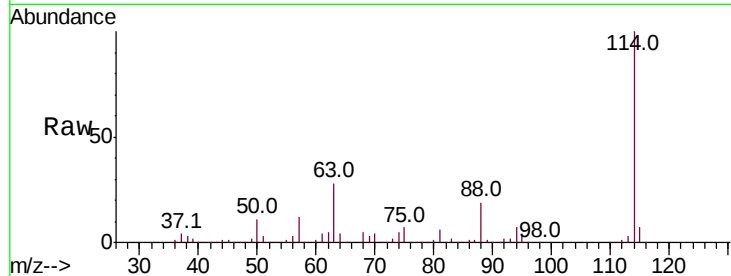
Tot Ion:114 Resp: 1164101

Ion Ratio Lower Upper

114 100

63 27.6 0.0 57.4

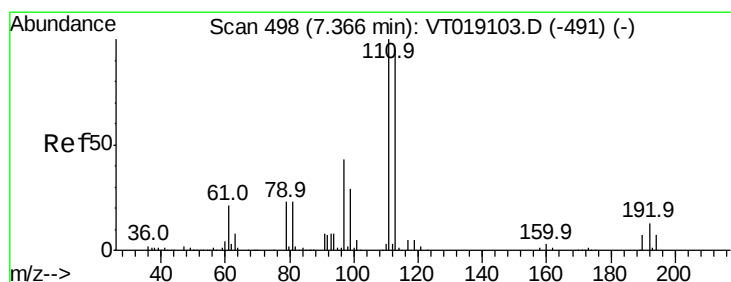
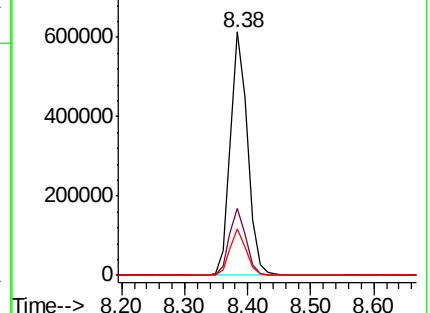
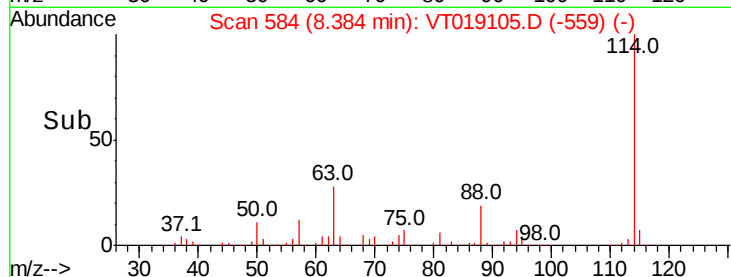
88 18.8 0.0 37.0



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: 58.957 ug/l

RT: 7.37 min Scan# 498

Delta R.T. 0.00 min

Lab File: VT019105.D

Acq: 28 Nov 2018 13:19

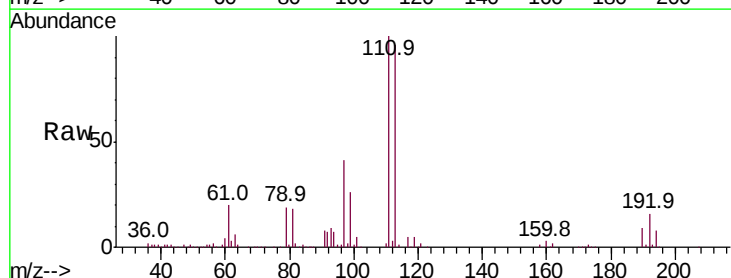
Tgt Ion:113 Resp: 441767

Ion Ratio Lower Upper

113 100

111 103.8 83.9 125.9

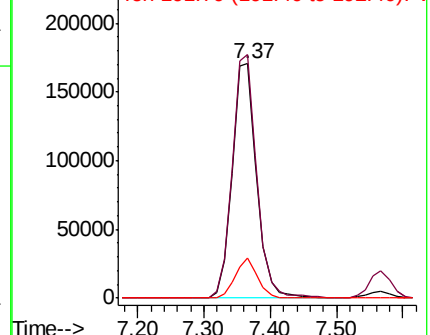
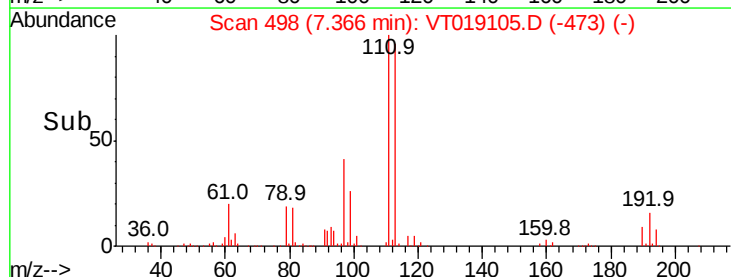
192 15.6 11.5 17.3

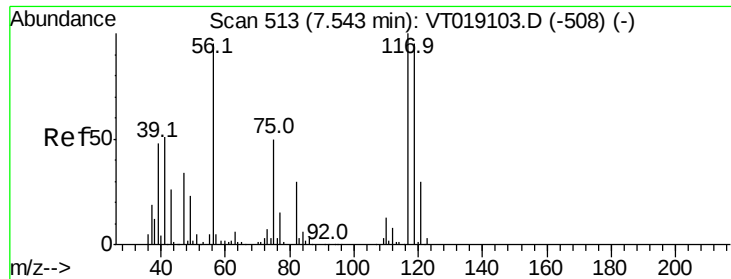


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#9

Carbon Tetrachloride

Concen: 56.250 ug/l

RT: 7.54 min Scan# 513

Delta R.T. 0.00 min

Lab File: VT019105.D

Acq: 28 Nov 2018 13:19

Instrument :

MSVOA_T

ClientSampleId :

ICVVT112818

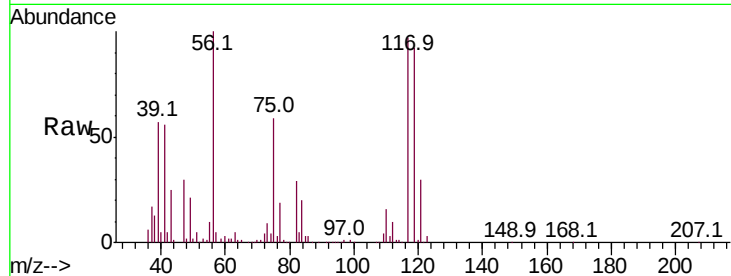
Tot Ion:117 Resp: 702079

Ion Ratio Lower Upper

117 100

119 95.1 75.0 112.6

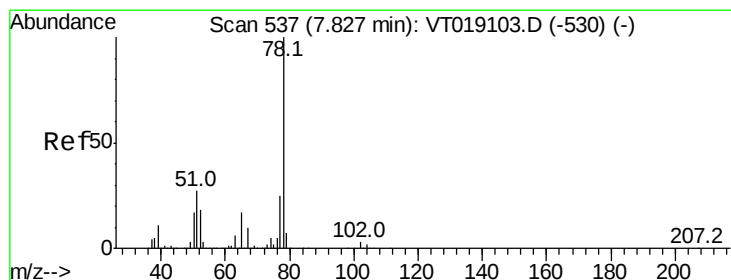
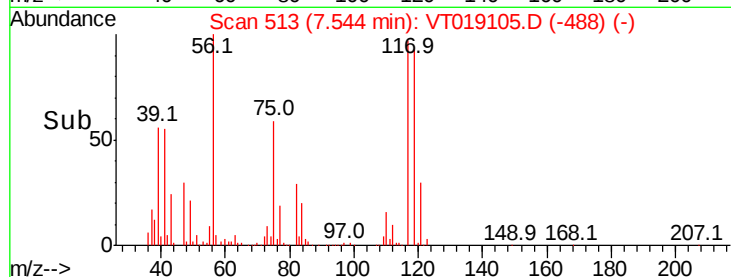
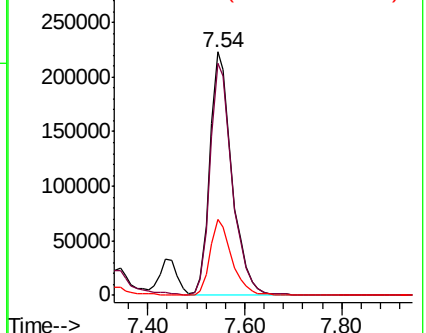
121 31.0 23.5 35.3



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: 57.133 ug/l

RT: 7.82 min Scan# 536

Delta R.T. -0.01 min

Lab File: VT019105.D

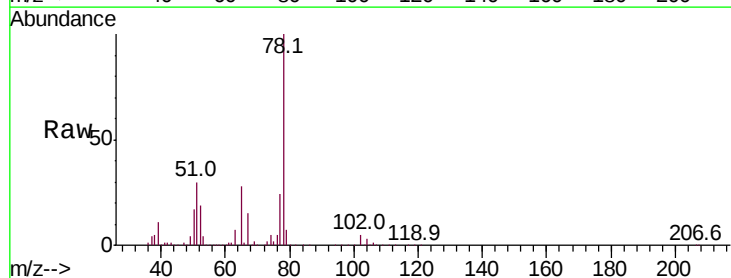
Acq: 28 Nov 2018 13:19

Tgt Ion: 78 Resp: 2320242

Ion Ratio Lower Upper

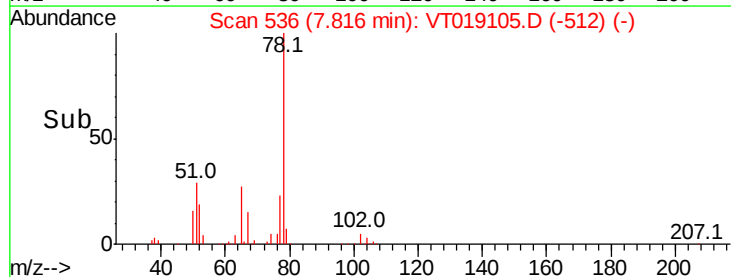
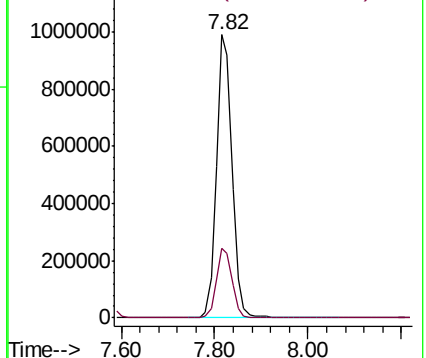
78 100

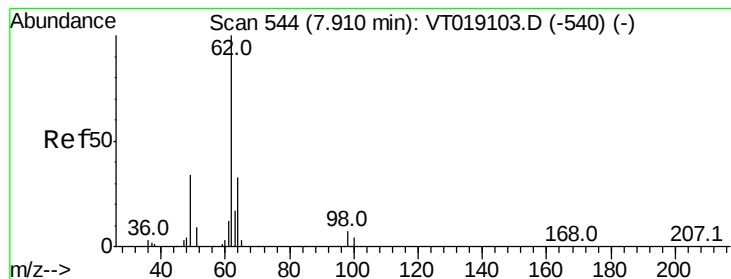
77 24.4 19.7 29.5



Abundance Ion 78.00 (77.70 to 78.70): VT0

Ion 77.00 (76.70 to 77.70): VT0





#11

1,2-Dichloroethane

Concen: 53.555 ug/l

RT: 7.91 min Scan# 544

Delta R.T. 0.00 min

Lab File: VT019105.D

Acq: 28 Nov 2018 13:19

Instrument :

MSVOA_T

ClientSampleId :

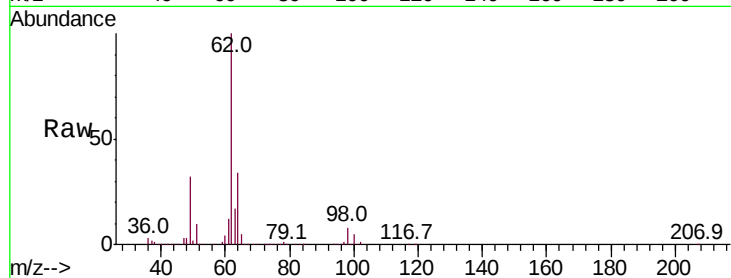
ICVVT112818

Tot Ion: 62 Resp: 794246

Ion Ratio Lower Upper

62 100

98 7.4 0.0 14.6



Abundance Ion 61.90 (61.60 to 62.60): VT0

Ion 97.90 (97.60 to 98.60): VT0

7.91

400000

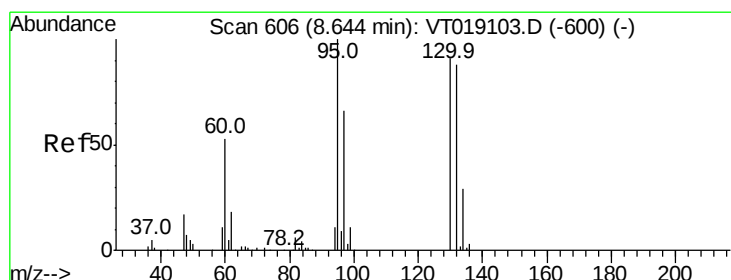
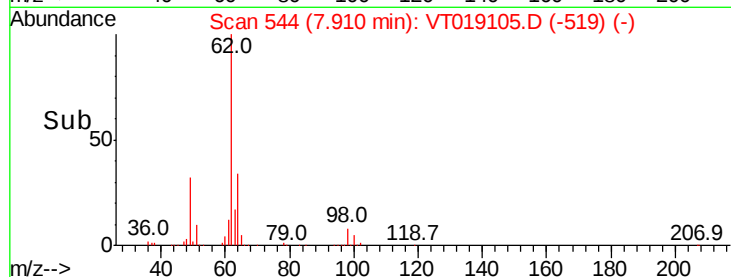
300000

200000

100000

0

Time-->



#12

Trichloroethene

Concen: 55.202 ug/l

RT: 8.63 min Scan# 605

Delta R.T. -0.01 min

Lab File: VT019105.D

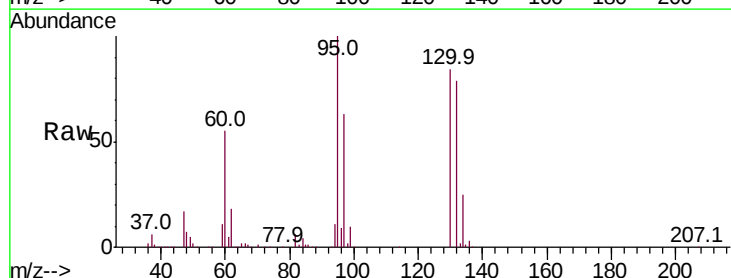
Acq: 28 Nov 2018 13:19

Tgt Ion:130 Resp: 438738

Ion Ratio Lower Upper

130 100

95 119.3 0.0 218.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VT0

300000

250000

200000

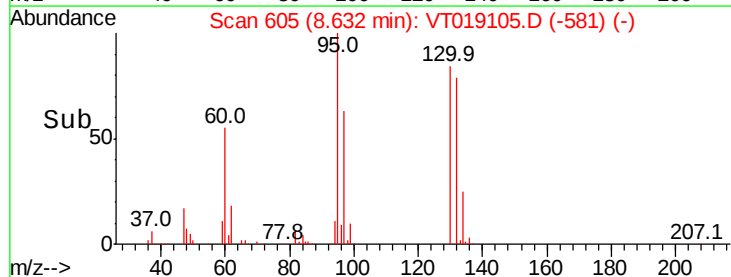
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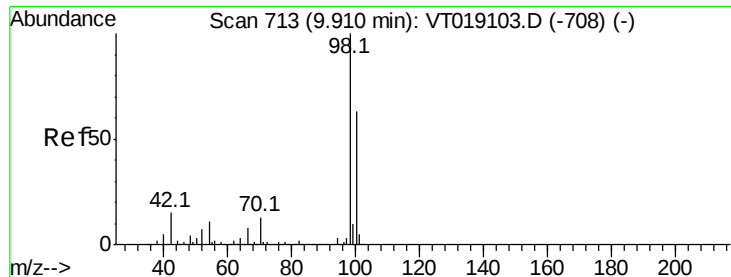
100000

50000

0

Time-->





#13

Toluene-d8

Concen: 55.448 ug/l

RT: 9.91 min Scan# 713

Delta R.T. 0.00 min

Lab File: VT019105.D

Acq: 28 Nov 2018 13:19

Instrument :

MSVOA_T

ClientSampleId :

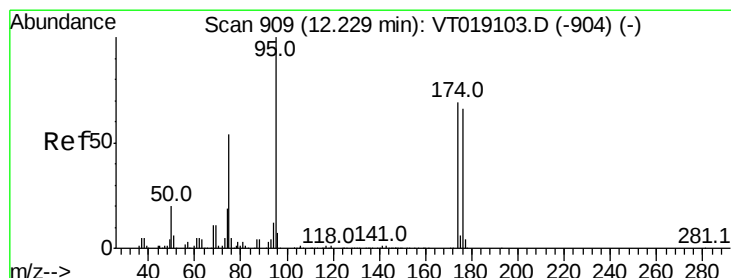
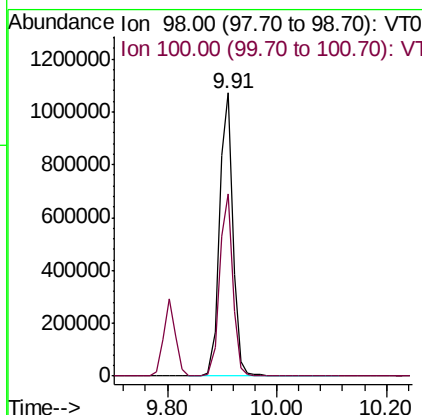
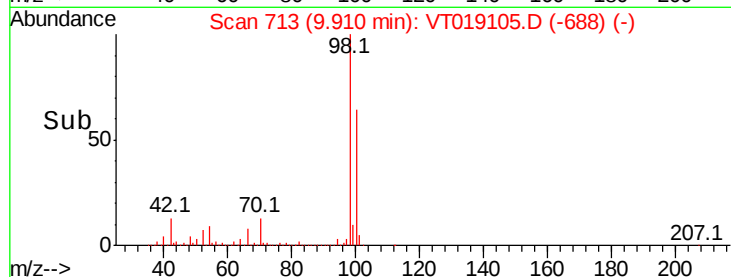
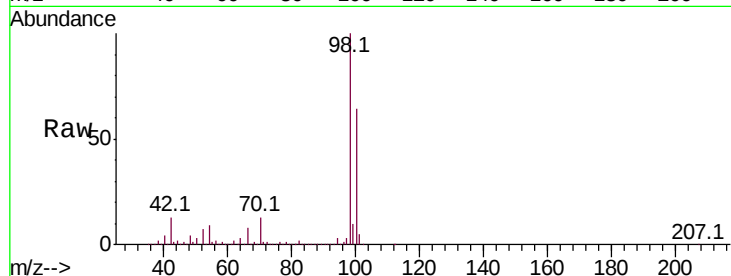
ICVVT112818

Tot Ion: 98 Resp: 1819259

Ion Ratio Lower Upper

98 100

100 63.7 50.2 75.2



#14

4-Bromofluorobenzene

Concen: 54.801 ug/l

RT: 12.23 min Scan# 909

Delta R.T. 0.00 min

Lab File: VT019105.D

Acq: 28 Nov 2018 13:19

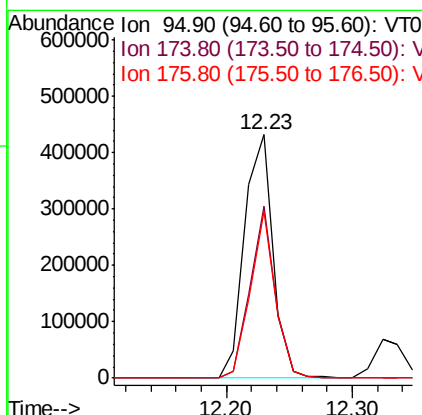
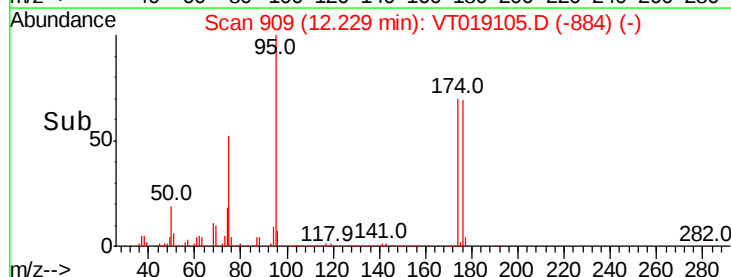
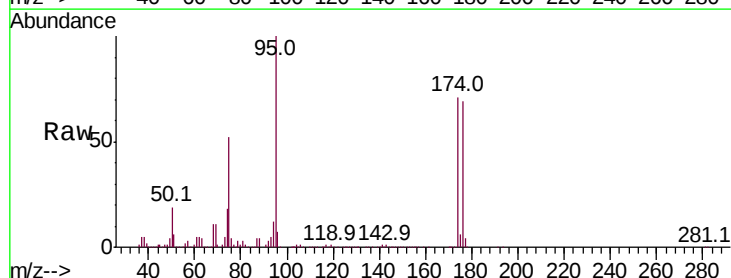
Tgt Ion: 95 Resp: 676076

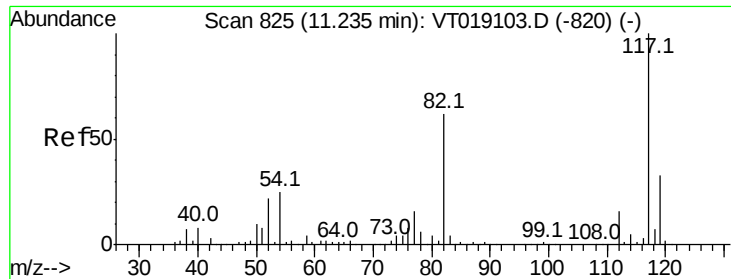
Ion Ratio Lower Upper

95 100

174 62.5 0.0 123.2

176 60.5 0.0 118.8

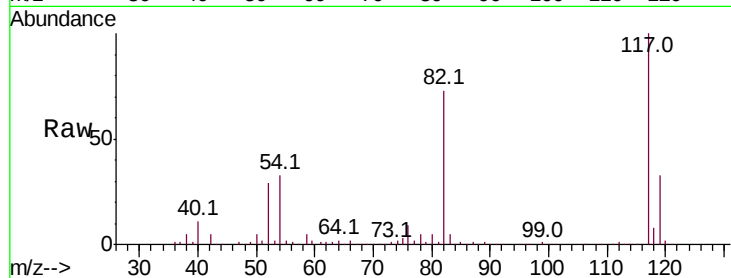




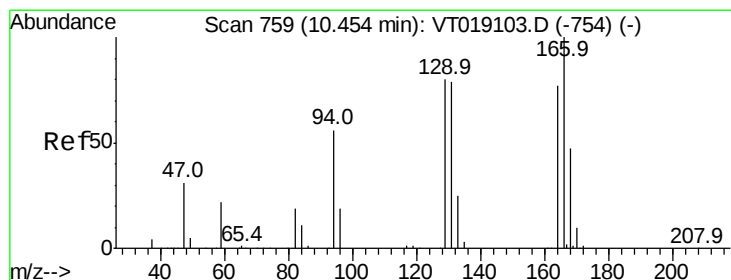
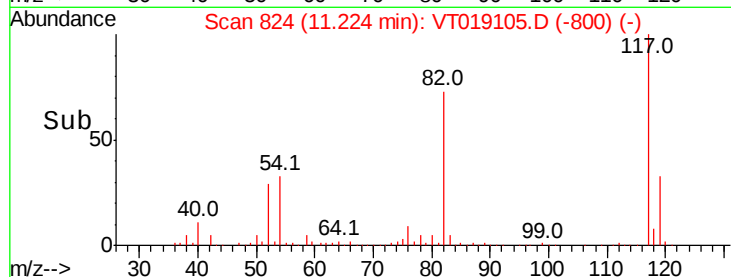
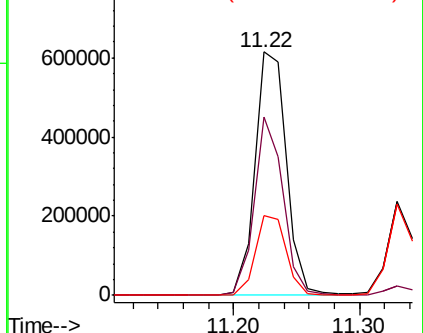
#15
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.22 min Scan# 824
Delta R.T. -0.01 min
Lab File: VT019105.D
Acq: 28 Nov 2018 13:19

Instrument :
MSVOA_T
ClientSampleId :
ICVVT112818

Tot Ion:117 Resp: 1068615
Ion Ratio Lower Upper
117 100
82 73.2 49.7 74.5
119 32.7 26.3 39.5

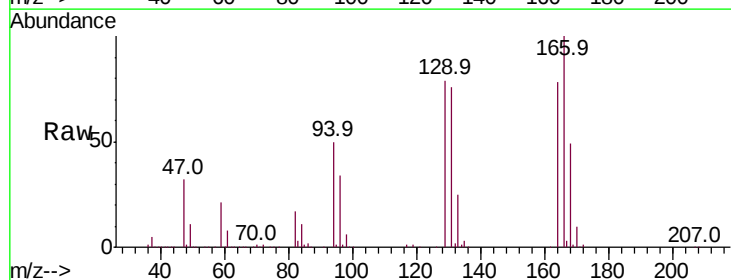


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VT0
Ion 118.90 (118.60 to 119.60): V

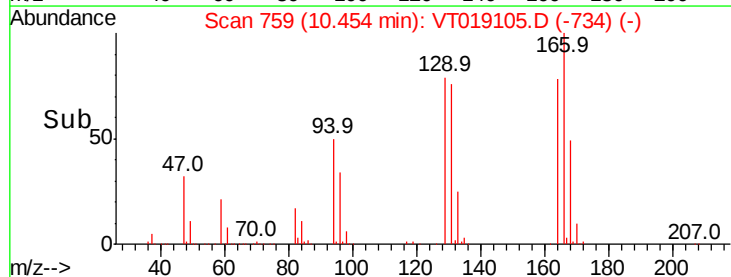
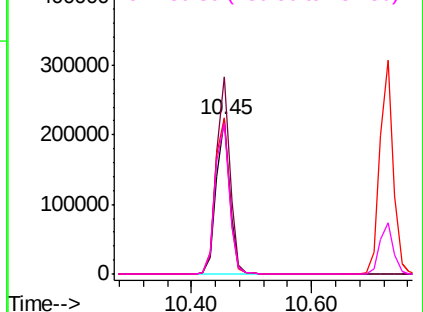


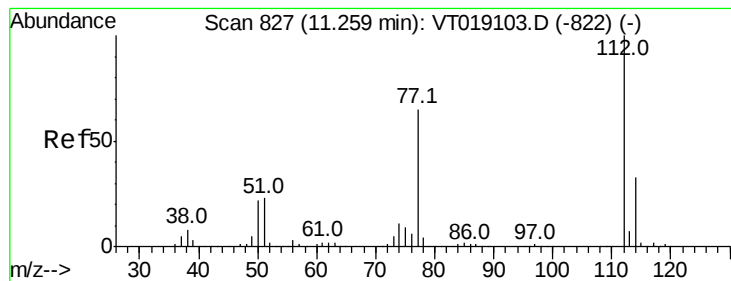
#16
Tetrachloroethene
Concen: 57.621 ug/l
RT: 10.45 min Scan# 759
Delta R.T. 0.00 min
Lab File: VT019105.D
Acq: 28 Nov 2018 13:19

Tgt Ion:164 Resp: 343064
Ion Ratio Lower Upper
164 100
166 127.9 103.6 155.4
129 101.5 82.9 124.3
131 97.7 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: 55.535 ug/l

RT: 11.26 min Scan# 827

Delta R.T. 0.00 min

Lab File: VT019105.D

Acq: 28 Nov 2018 13:19

Instrument :

MSVOA_T

ClientSampleId :

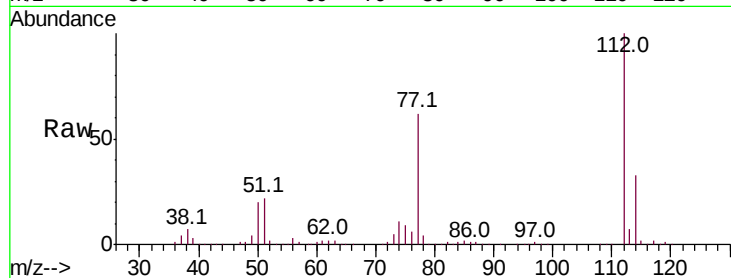
ICVVT112818

Tot Ion:112 Resp: 1346066

Ion Ratio Lower Upper

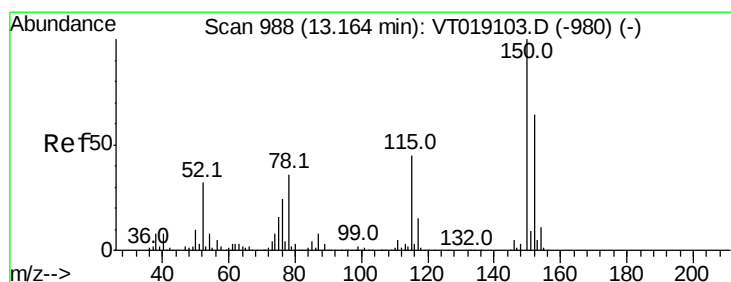
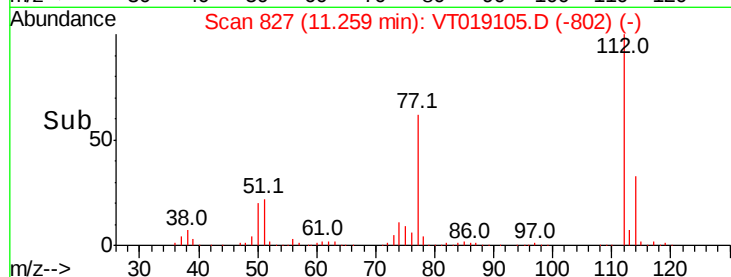
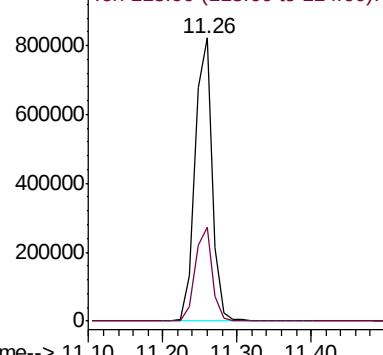
112 100

114 33.1 26.3 39.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#18

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.16 min Scan# 988

Delta R.T. 0.00 min

Lab File: VT019105.D

Acq: 28 Nov 2018 13:19

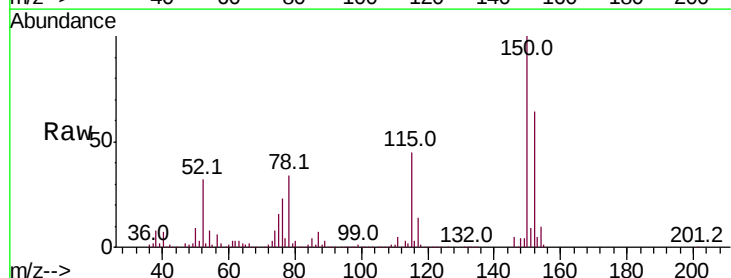
Tgt Ion:152 Resp: 540599

Ion Ratio Lower Upper

152 100

115 66.3 33.0 99.0

150 174.9 0.0 343.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

