

Data Path : Z:\VOASRV\HPCHEM1\MSVOA T\DATA\VT112818\
 Data File : VT019108.D
 Acq On : 28 Nov 2018 16:16
 Operator : SY/MD
 Sample : VT1128WBSD01
 Misc : 5.0mL/MSVOA T/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VT1128WBSD01

Quant Time: Nov 29 06:30:04 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

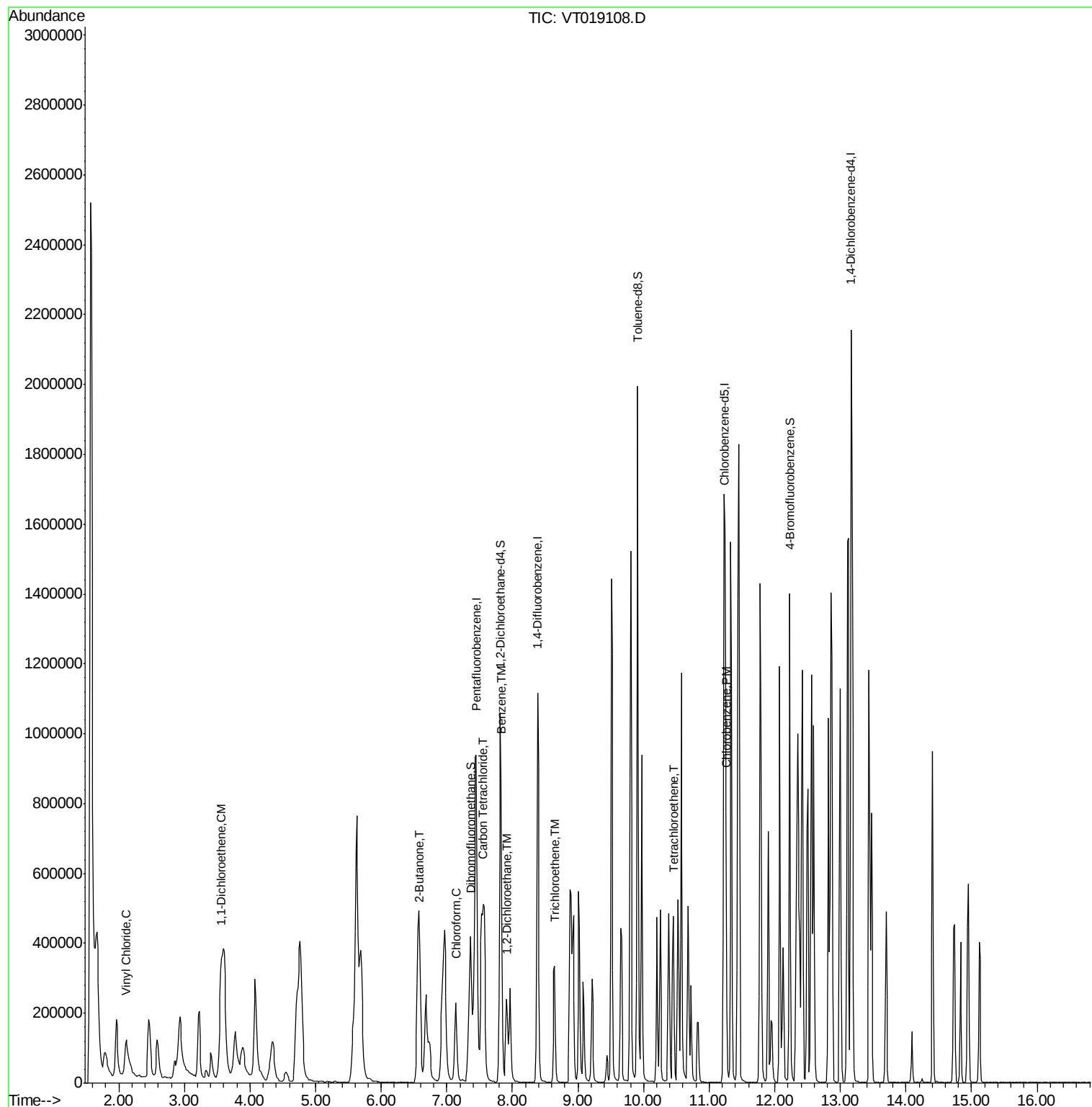
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.45	168	406786	50.00	ug/l	0.00
7) 1,4-Difluorobenzene	8.38	114	788884	50.00	ug/l	0.00
15) Chlorobenzene-d5	11.24	117	781570	50.00	ug/l	0.00
18) 1,4-Dichlorobenzene-d4	13.16	152	401216	50.00	ug/l	0.00
System Monitoring Compounds						
6) 1,2-Dichloroethane-d4	7.82	65	415686	52.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.04%	
8) Dibromofluoromethane	7.37	113	251446	49.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.04%	
13) Toluene-d8	9.91	98	1171369	52.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.36%	
14) 4-Bromofluorobenzene	12.23	95	447836	53.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.14%	
Target Compounds						
					Qvalue	
2) Vinyl Chloride	2.11	62	292247	23.565	ug/l	99
3) 1,1-Dichloroethene	3.56	96	192274	22.538	ug/l	95
4) 2-Butanone	6.59	43	404767	105.983	ug/l	96
5) Chloroform	7.14	83	231897	20.757	ug/l	99
9) Carbon Tetrachloride	7.56	117	164901	19.496	ug/l	97
10) Benzene	7.83	78	561961	20.419	ug/l	98
11) 1,2-Dichloroethane	7.91	62	213172	21.211	ug/l	98
12) Trichloroethene	8.64	130	103048	19.132	ug/l	98
16) Tetrachloroethene	10.45	164	84130	19.320	ug/l	97
17) Chlorobenzene	11.26	112	344466	19.431	ug/l	100

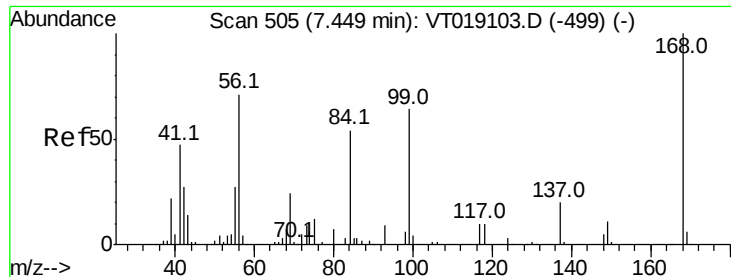
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA T\DATA\VT112818\
Data File : VT019108.D
Acq On : 28 Nov 2018 16:16
Operator : SY/MD
Sample : VT1128WBSD01
Misc : 5.0mL/MSVOA T/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_T
ClientSampleId :
VT1128WBSD01

Quant Time: Nov 29 06:30:04 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_T\METHODS\82T112818TCLP.M
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: VT019108.D

Acq: 28 Nov 2018 16:16

Instrument :

MSVOA_T

ClientSampleId :

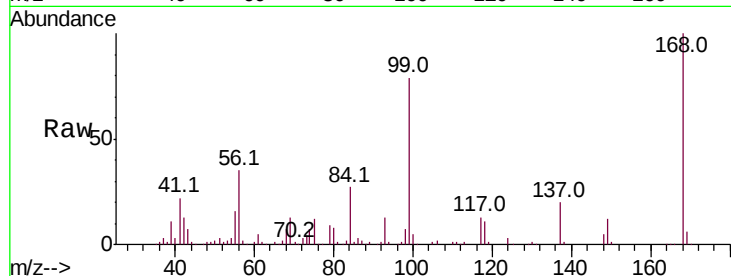
VT1128WBSD01

Tot Ion:168 Resp: 406786

Ion Ratio Lower Upper

168 100

99 78.5 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

200000

150000

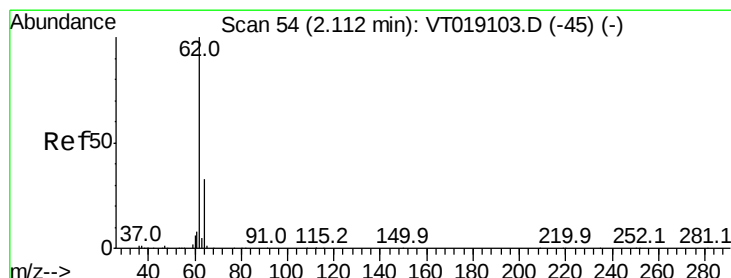
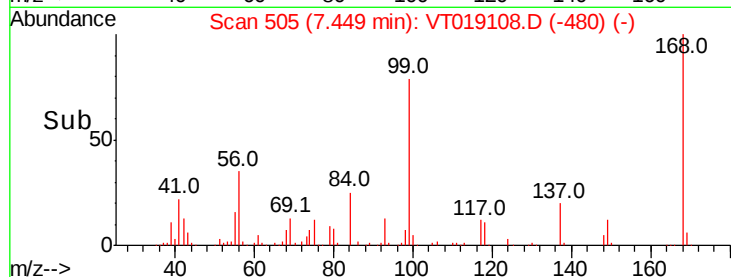
100000

50000

0

7.30 7.40 7.50 7.60

Time-->



#2

Vinyl Chloride

Concen: 23.565 ug/l

RT: 2.11 min Scan# 54

Delta R.T. 0.00 min

Lab File: VT019108.D

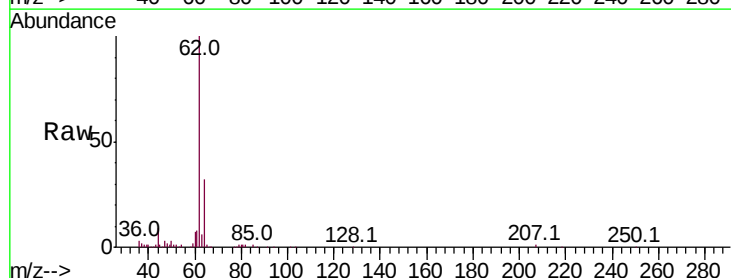
Acq: 28 Nov 2018 16:16

Tgt Ion: 62 Resp: 292247

Ion Ratio Lower Upper

62 100

64 31.8 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

60000

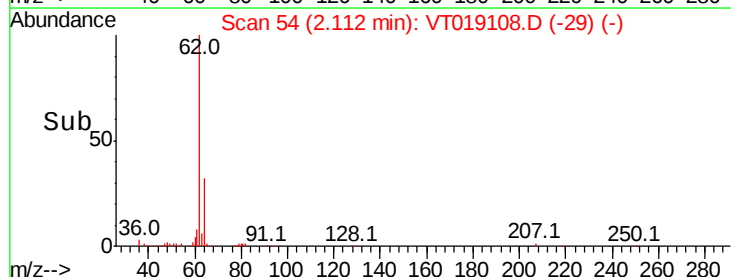
40000

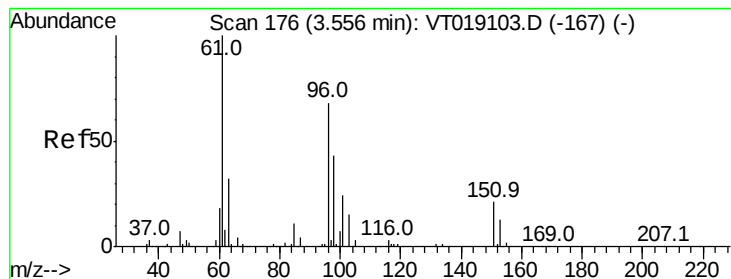
20000

0

2.00 2.20 2.40

Time-->





#3

1,1-Dichloroethene

Concen: 22.538 ug/l

RT: 3.56 min Scan# 176

Delta R.T. 0.00 min

Lab File: VT019108.D

Acq: 28 Nov 2018 16:16

Instrument :

MSVOA_T

ClientSampleId :

VT1128WBSD01

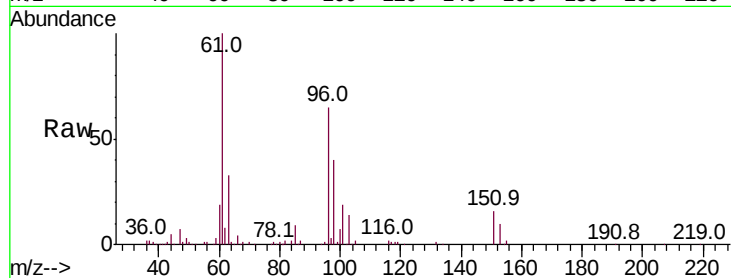
Tot Ion: 96 Resp: 192274

Ion Ratio Lower Upper

96 100

61 154.7 117.8 176.8

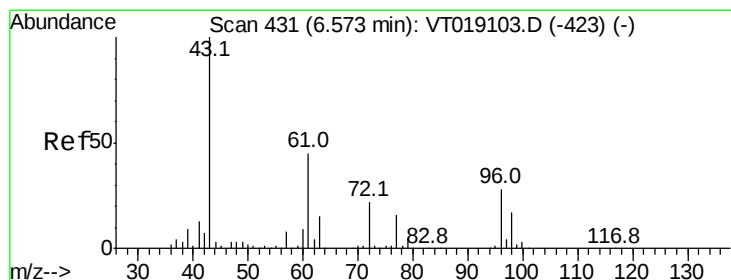
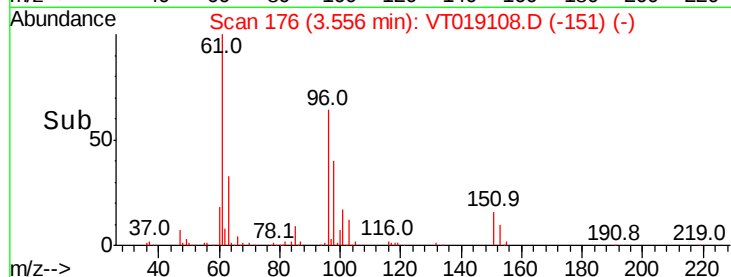
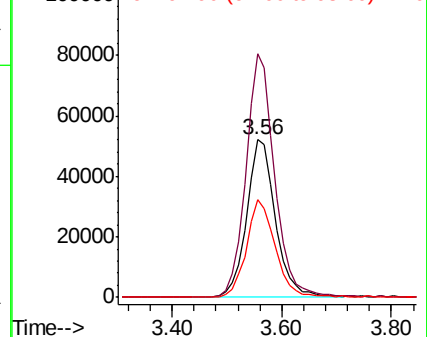
98 62.1 51.0 76.6



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: 105.983 ug/l

RT: 6.59 min Scan# 432

Delta R.T. 0.01 min

Lab File: VT019108.D

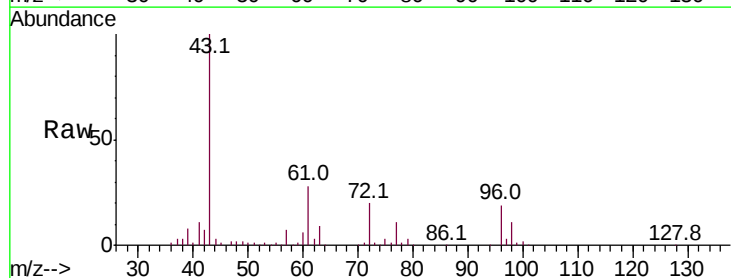
Acq: 28 Nov 2018 16:16

Tgt Ion: 43 Resp: 404767

Ion Ratio Lower Upper

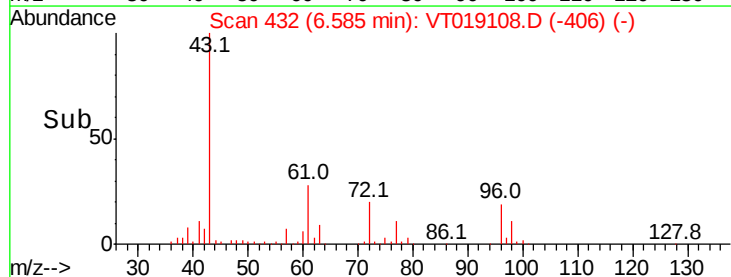
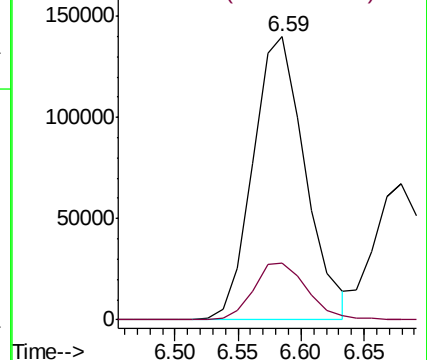
43 100

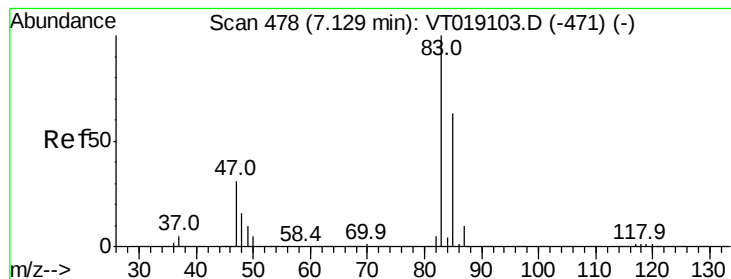
72 20.1 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VT0

Ion 72.00 (71.70 to 72.70): VT0





#5

Chloroform

Concen: 20.757 ug/l

RT: 7.14 min Scan# 479

Delta R.T. 0.01 min

Lab File: VT019108.D

Acq: 28 Nov 2018 16:16

Instrument :

MSVOA_T

ClientSampleId :

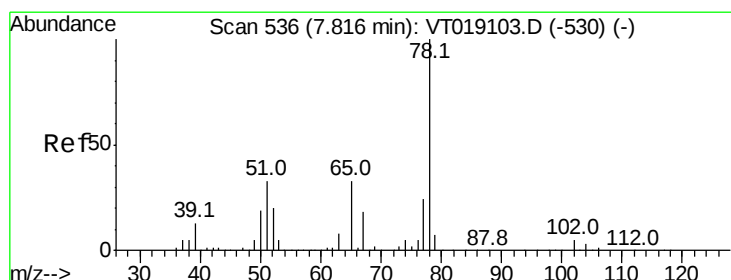
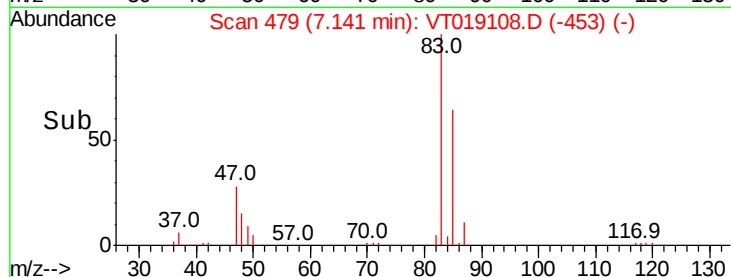
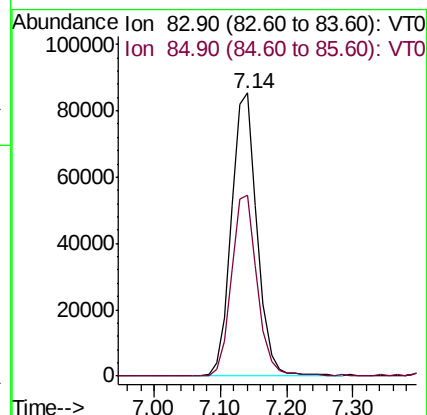
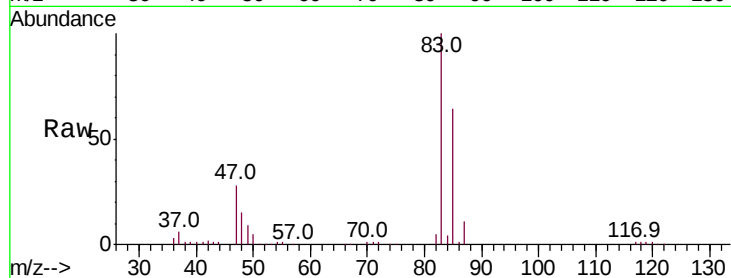
VT1128WBSD01

Tot Ion: 83 Resp: 231897

Ion Ratio Lower Upper

83 100

85 63.9 50.4 75.6



#6

1,2-Dichloroethane-d4

Concen: 52.017 ug/l

RT: 7.82 min Scan# 536

Delta R.T. 0.00 min

Lab File: VT019108.D

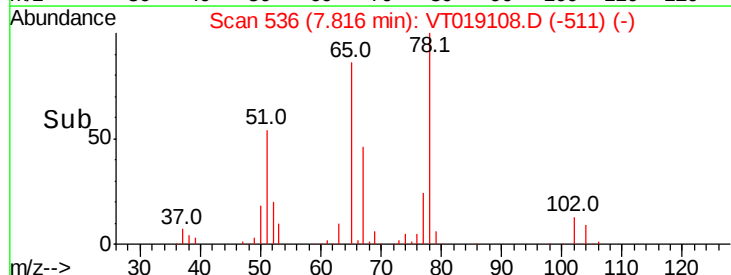
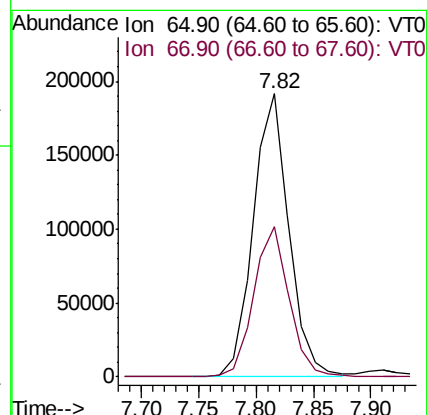
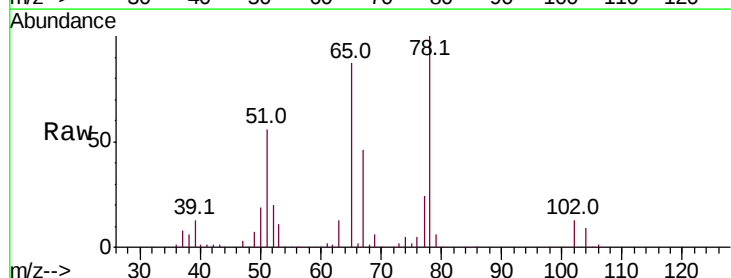
Acq: 28 Nov 2018 16:16

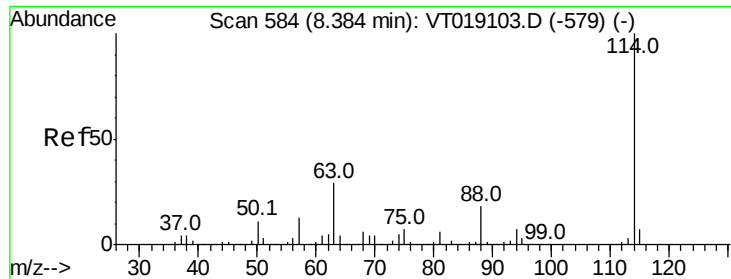
Tgt Ion: 65 Resp: 415686

Ion Ratio Lower Upper

65 100

67 52.9 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: VT019108.D

Acq: 28 Nov 2018 16:16

Instrument :

MSVOA_T

ClientSampleId :

VT1128WBSD01

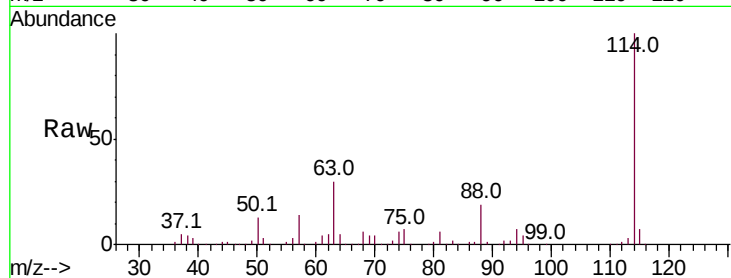
Tot Ion:114 Resp: 788884

Ion Ratio Lower Upper

114 100

63 30.3 0.0 57.4

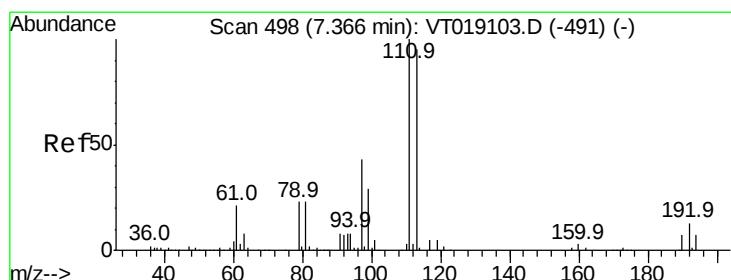
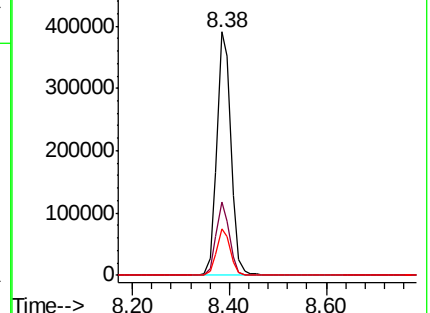
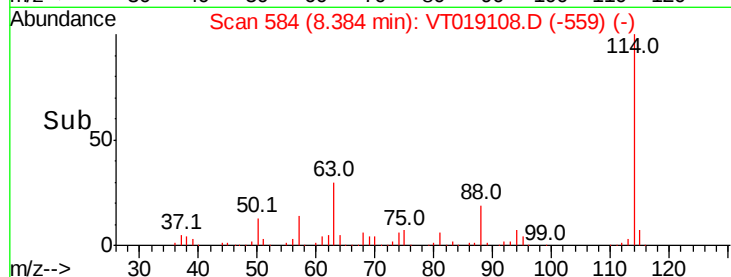
88 19.0 0.0 37.0



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: 49.518 ug/l

RT: 7.37 min Scan# 498

Delta R.T. 0.00 min

Lab File: VT019108.D

Acq: 28 Nov 2018 16:16

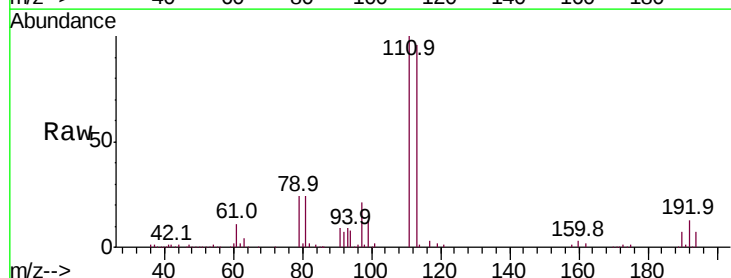
Tgt Ion:113 Resp: 251446

Ion Ratio Lower Upper

113 100

111 104.1 83.9 125.9

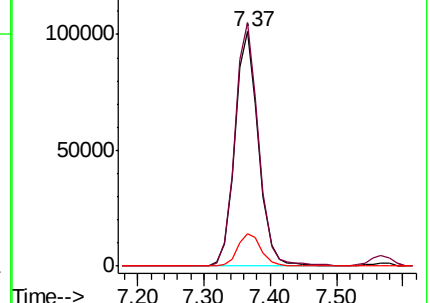
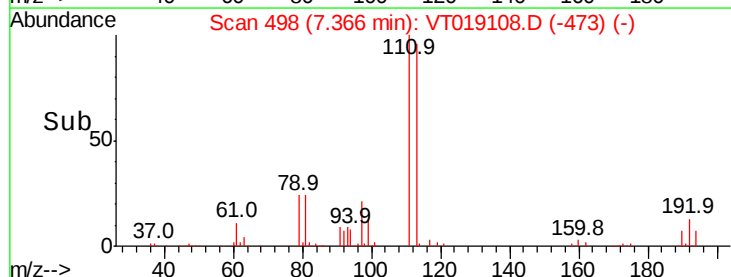
192 14.0 11.5 17.3

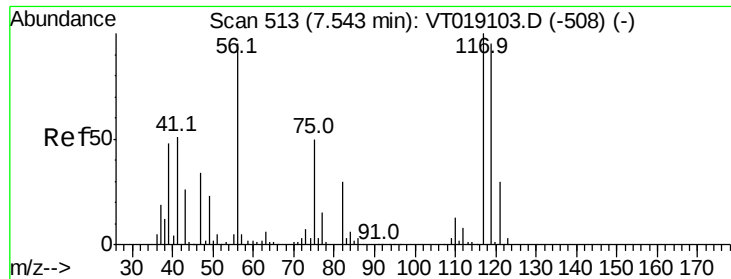


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#9

Carbon Tetrachloride

Concen: 19.496 ug/l

RT: 7.56 min Scan# 514

Delta R.T. 0.01 min

Lab File: VT019108.D

Acq: 28 Nov 2018 16:16

Instrument :

MSVOA_T

ClientSampleId :

VT1128WBSD01

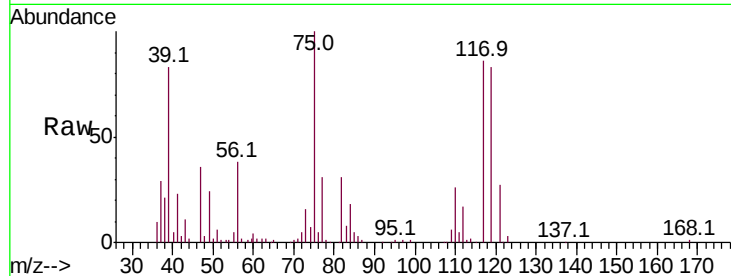
Tot Ion:117 Resp: 164901

Ion Ratio Lower Upper

117 100

119 96.7 75.0 112.6

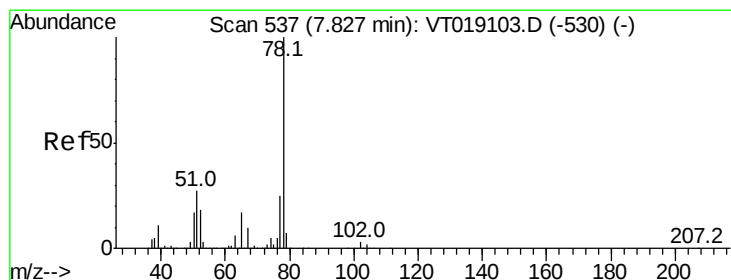
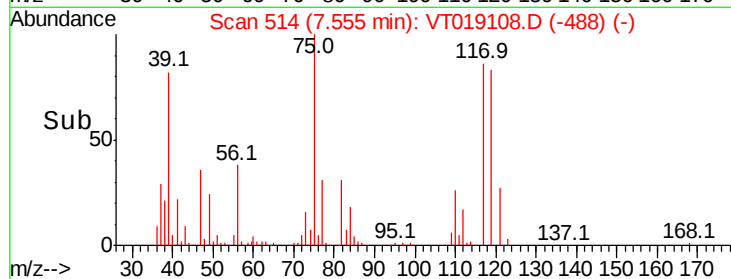
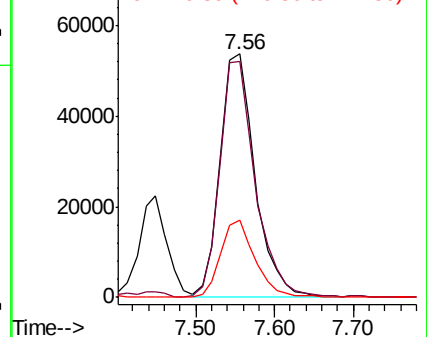
121 31.7 23.5 35.3



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: 20.419 ug/l

RT: 7.83 min Scan# 537

Delta R.T. 0.00 min

Lab File: VT019108.D

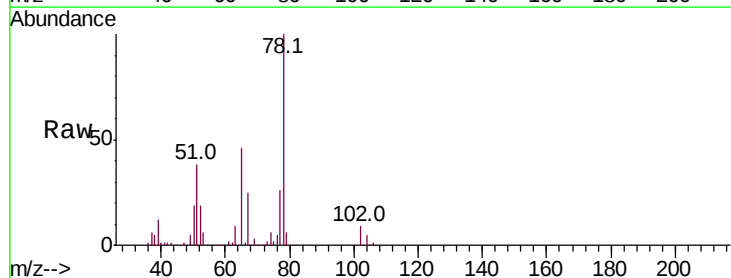
Acq: 28 Nov 2018 16:16

Tgt Ion: 78 Resp: 561961

Ion Ratio Lower Upper

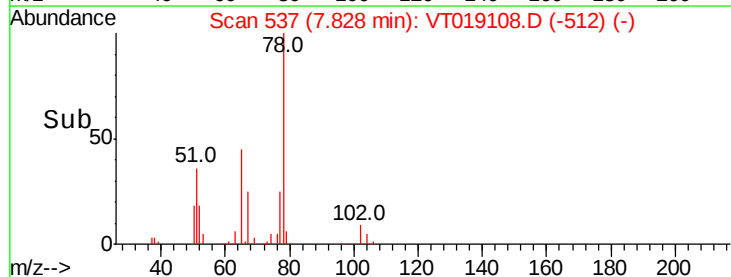
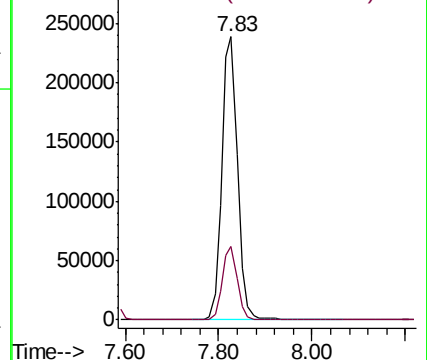
78 100

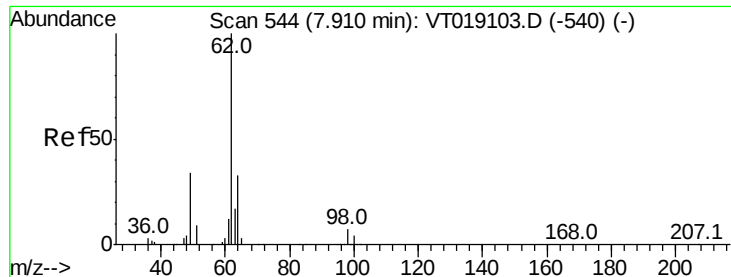
77 25.7 19.7 29.5



Abundance Ion 78.00 (77.70 to 78.70): VT0

Ion 77.00 (76.70 to 77.70): VT0





#11

1,2-Dichloroethane

Concen: 21.211 ug/l

RT: 7.91 min Scan# 544

Delta R.T. 0.00 min

Lab File: VT019108.D

Acq: 28 Nov 2018 16:16

Instrument :

MSVOA_T

ClientSampleId :

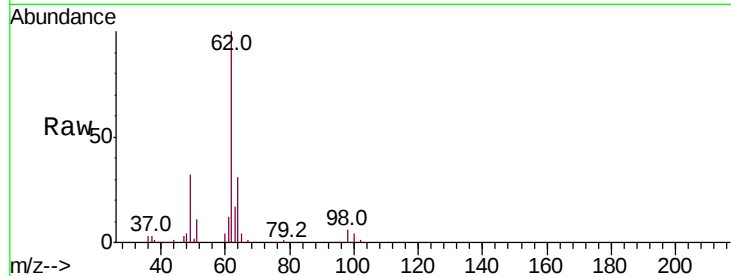
VT1128WBSD01

Tot Ion: 62 Resp: 213172

Ion Ratio Lower Upper

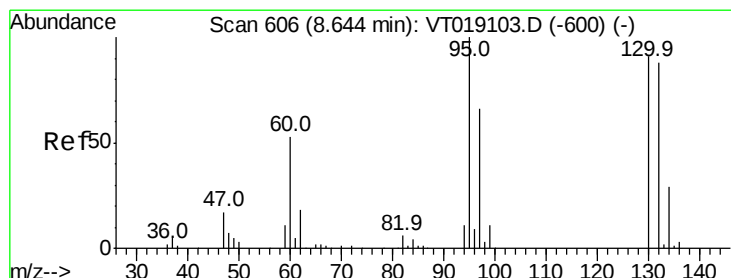
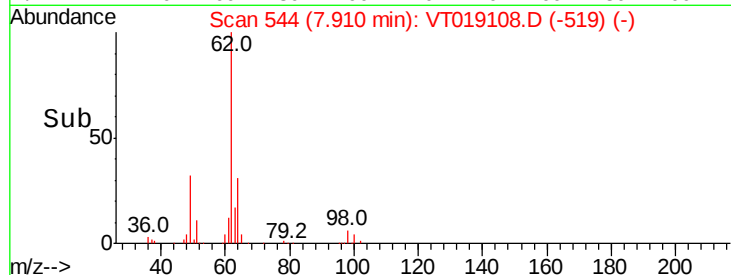
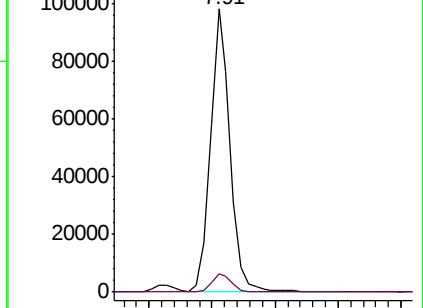
62 100

98 6.7 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: 19.132 ug/l

RT: 8.64 min Scan# 606

Delta R.T. 0.00 min

Lab File: VT019108.D

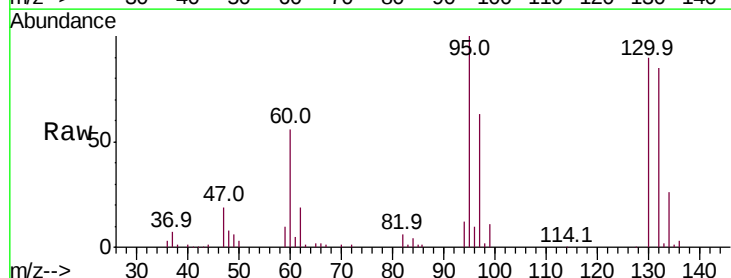
Acq: 28 Nov 2018 16:16

Tgt Ion:130 Resp: 103048

Ion Ratio Lower Upper

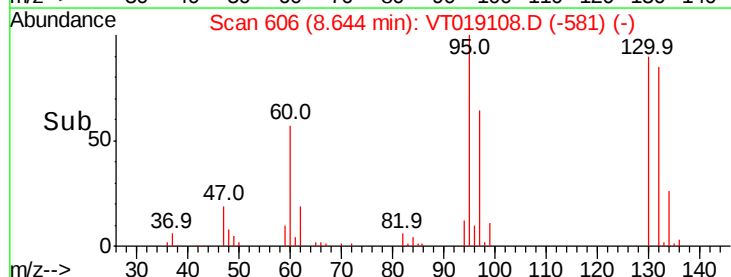
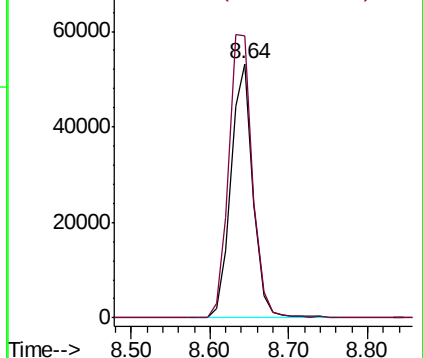
130 100

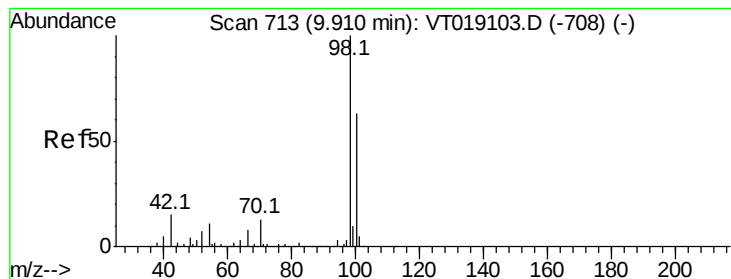
95 111.3 0.0 218.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VT0





#13

Toluene-d8

Concen: 52.682 ug/l

RT: 9.91 min Scan# 713

Delta R.T. 0.00 min

Lab File: VT019108.D

Acq: 28 Nov 2018 16:16

Instrument :

MSVOA_T

ClientSampleId :

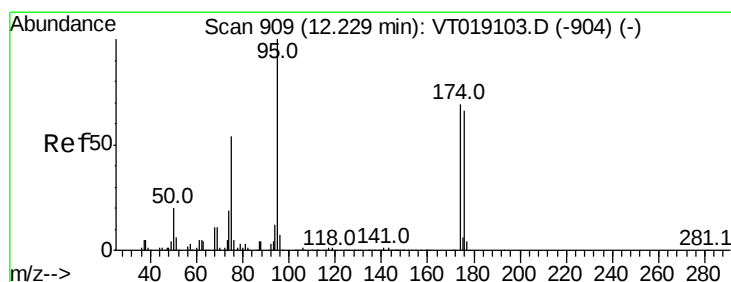
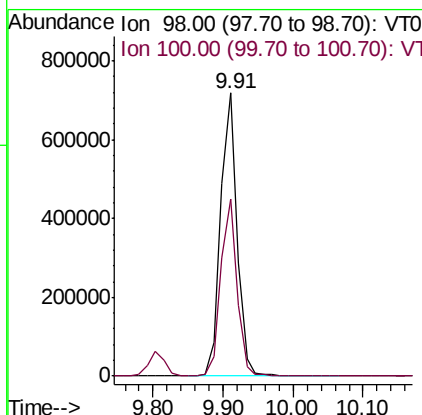
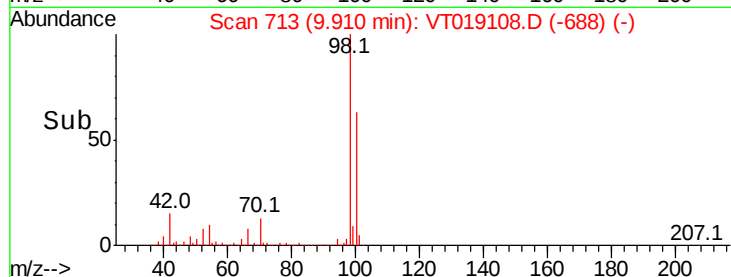
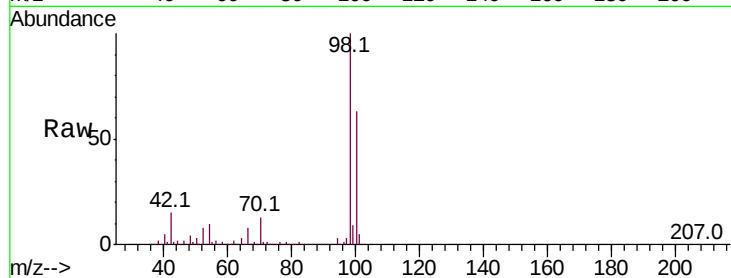
VT1128WBSD01

Tot Ion: 98 Resp: 1171369

Ion Ratio Lower Upper

98 100

100 62.1 50.2 75.2



#14

4-Bromofluorobenzene

Concen: 53.566 ug/l

RT: 12.23 min Scan# 909

Delta R.T. 0.00 min

Lab File: VT019108.D

Acq: 28 Nov 2018 16:16

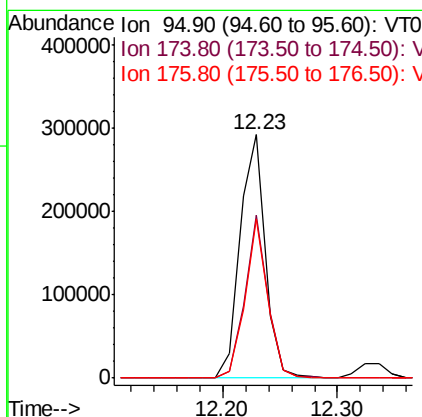
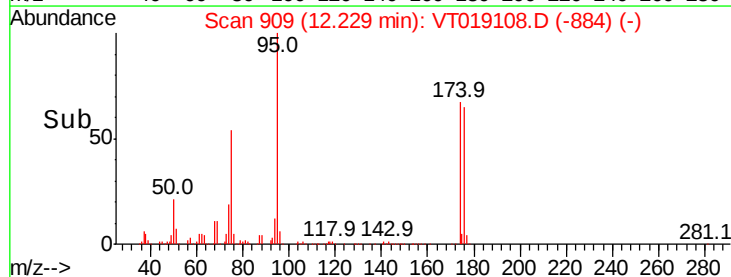
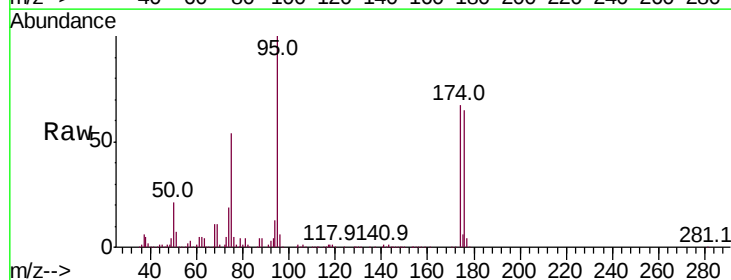
Tgt Ion: 95 Resp: 447836

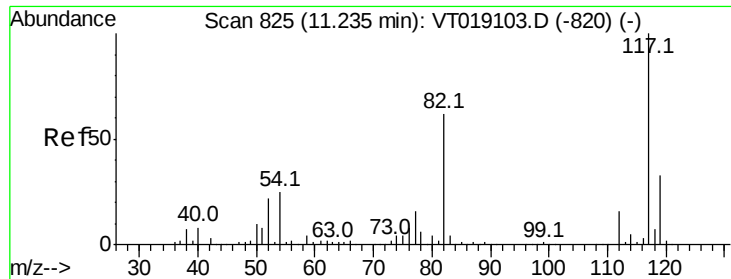
Ion Ratio Lower Upper

95 100

174 60.4 0.0 123.2

176 58.7 0.0 118.8

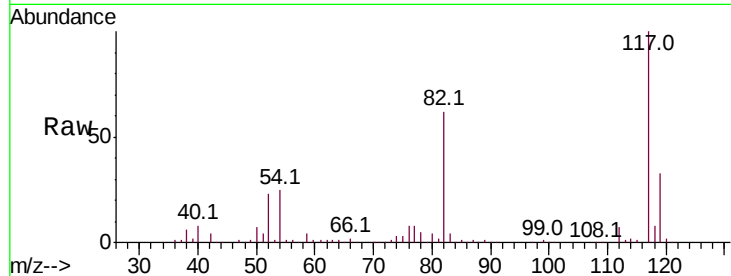




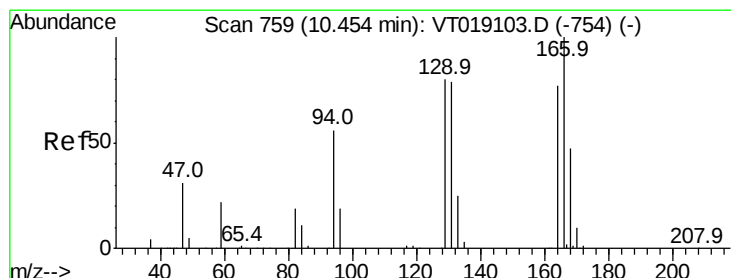
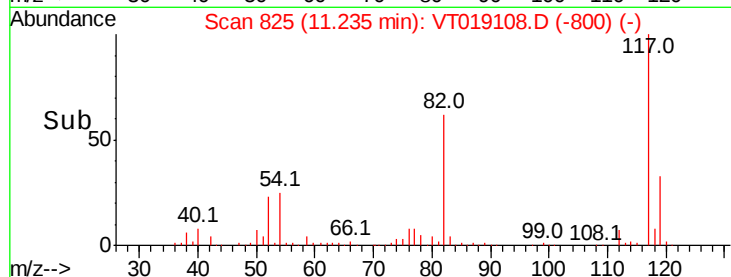
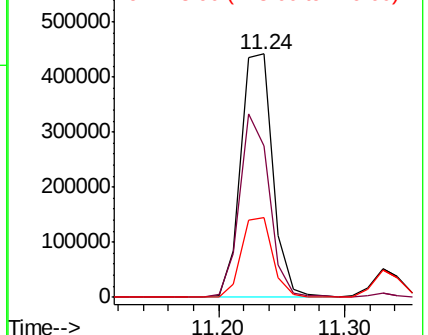
#15
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.24 min Scan# 825
Delta R.T. 0.00 min
Lab File: VT019108.D
Acq: 28 Nov 2018 16:16

Instrument :
MSVOA_T
ClientSampleId :
VT1128WBSD01

Tot Ion:117 Resp: 781570
Ion Ratio Lower Upper
117 100
82 62.3 49.7 74.5
119 32.6 26.3 39.5

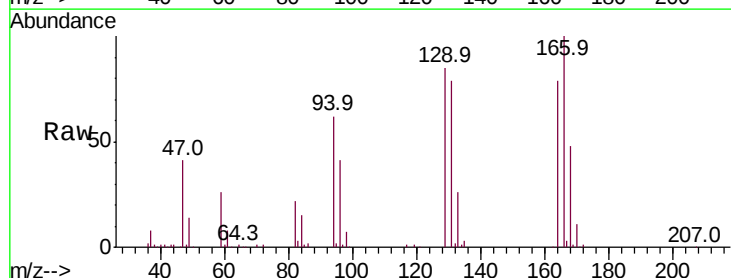


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VT0
Ion 118.90 (118.60 to 119.60): V

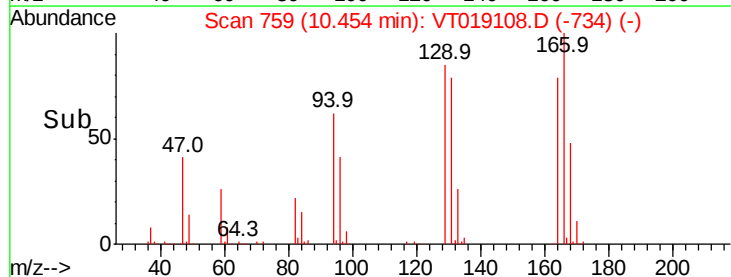
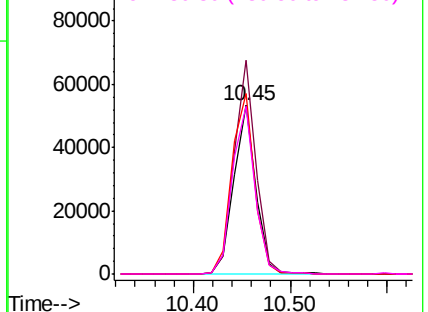


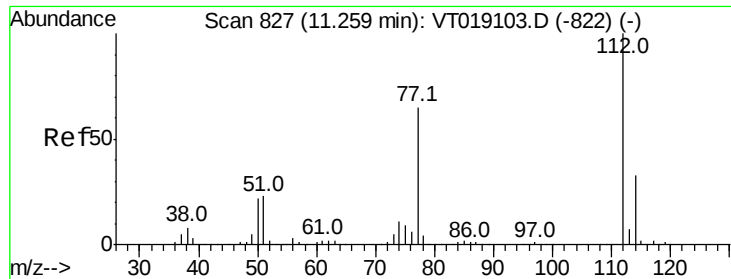
#16
Tetrachloroethene
Concen: 19.320 ug/l
RT: 10.45 min Scan# 759
Delta R.T. 0.00 min
Lab File: VT019108.D
Acq: 28 Nov 2018 16:16

Tgt Ion:164 Resp: 84130
Ion Ratio Lower Upper
164 100
166 126.7 103.6 155.4
129 107.3 82.9 124.3
131 99.8 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

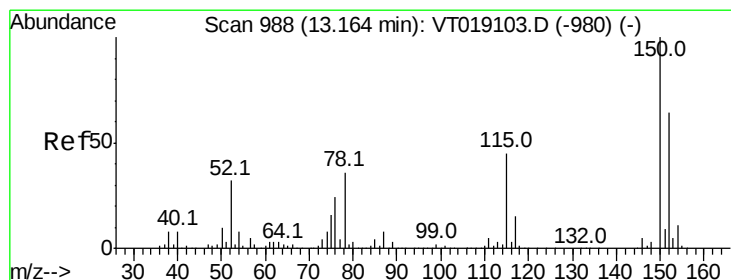
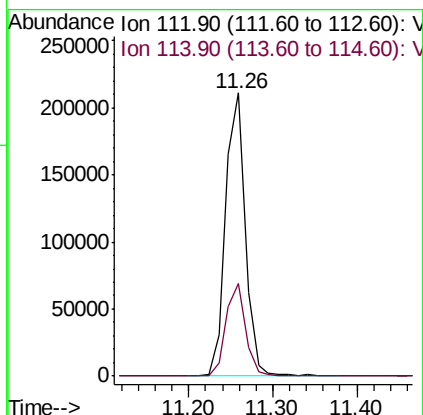
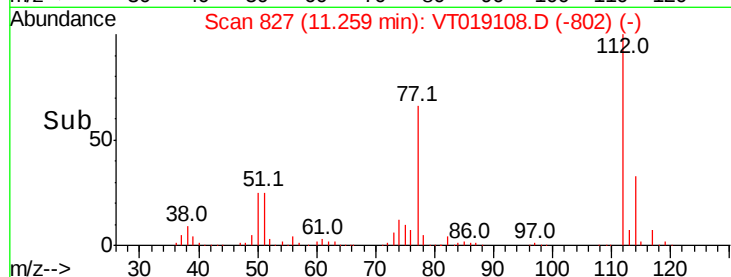
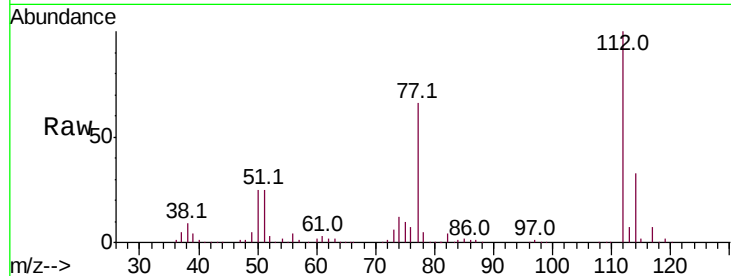




#17
Chlorobenzene
Concen: 19.431 ug/l
RT: 11.26 min Scan# 827
Delta R.T. 0.00 min
Lab File: VT019108.D
Acq: 28 Nov 2018 16:16

Instrument :
MSVOA_T
ClientSampleId :
VT1128WBSD01

Tot Ion:112 Resp: 344466
Ion Ratio Lower Upper
112 100
114 32.8 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: VT019108.D
Acq: 28 Nov 2018 16:16

Tgt Ion:152 Resp: 401216
Ion Ratio Lower Upper
152 100
115 68.6 33.0 99.0
150 166.1 0.0 343.6

