

Data File : VT019104.D
Acq On : 28 Nov 2018 12:20
Operator : SY/MD
Sample : VSTDIC100
Misc : 5.0mL/MSVOA_T/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_T
ClientSampleId :
VSTDIC100

Quant Time: Nov 29 06:16:33 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	578969	50.00	ug/l	0.00
7) 1,4-Difluorobenzene	8.38	114	1022138	50.00	ug/l	0.00
15) Chlorobenzene-d5	11.24	117	1023740	50.00	ug/l	0.00
18) 1,4-Dichlorobenzene-d4	13.16	152	546278	50.00	ug/l	0.00

System Monitoring Compounds						
6) 1,2-Dichloroethane-d4	7.82	65	1083641	95.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	190.54%	
8) Dibromofluoromethane	7.37	113	692951	105.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	210.64%	
13) Toluene-d8	9.91	98	3107159	107.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	215.70%	
14) 4-Bromofluorobenzene	12.23	95	1214319	112.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	224.20%	

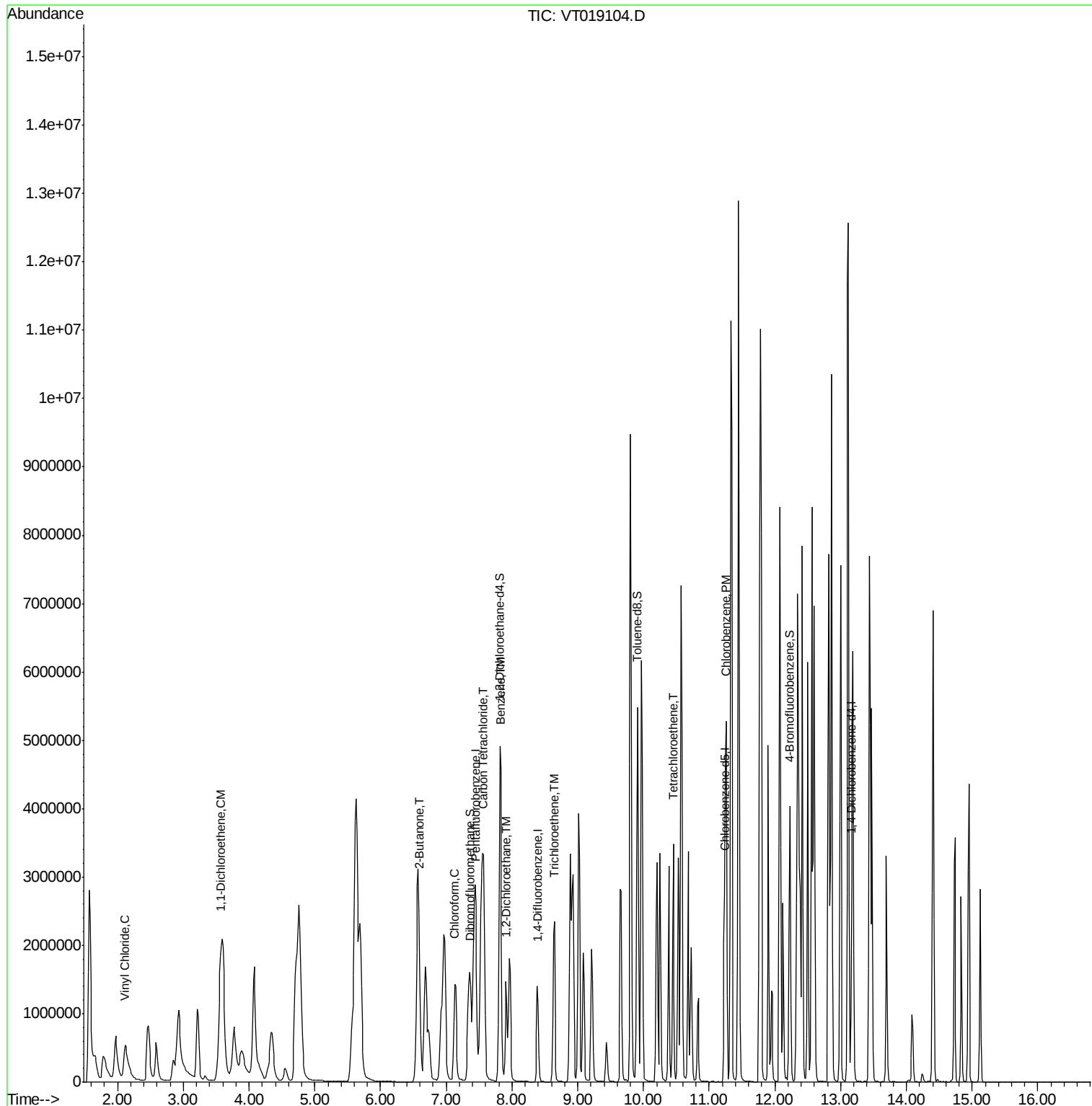
Target Compounds				Qvalue		
2) Vinyl Chloride	2.11	62	1555785	88.141	ug/l	98
3) 1,1-Dichloroethene	3.57	96	1070353	88.144	ug/l	93
4) 2-Butanone	6.59	43	2616161	481.288	ug/l	97
5) Chloroform	7.13	83	1457391	91.656	ug/l	100
9) Carbon Tetrachloride	7.56	117	1173053	107.037	ug/l	98
10) Benzene	7.83	78	3721345	104.360	ug/l	98
11) 1,2-Dichloroethane	7.91	62	1285147	98.691	ug/l	100
12) Trichloroethene	8.64	130	741293	106.223	ug/l	100
16) Tetrachloroethene	10.45	164	618930	108.512	ug/l	99
17) Chlorobenzene	11.26	112	2391980	103.012	ug/l	98

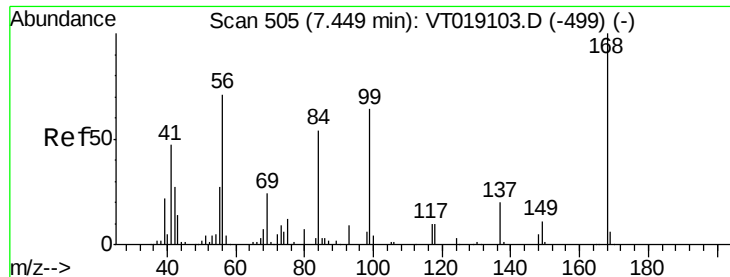
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_T
ClientSampleId :
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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: VT019104.D

Acq: 28 Nov 2018 12:20

Instrument :

MSVOA_T

ClientSampleId :

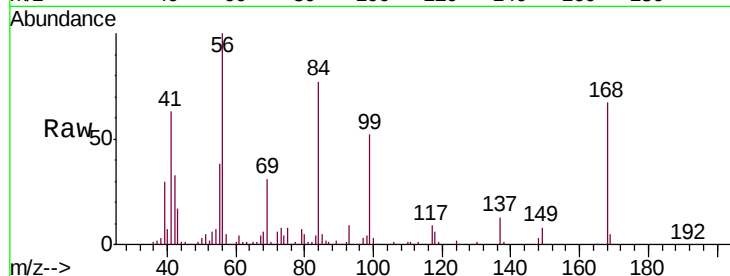
VSTDIC100

Tgt Ion:168 Resp: 578969

Ion Ratio Lower Upper

168 100

99 77.1 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

250000

200000

150000

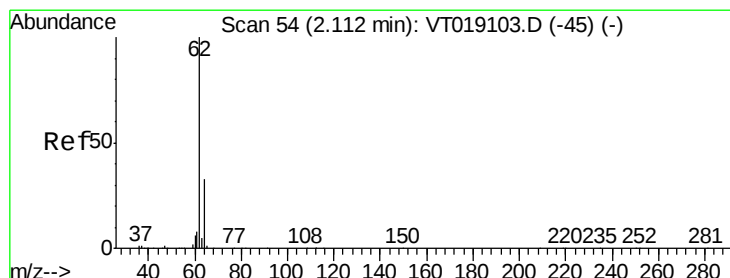
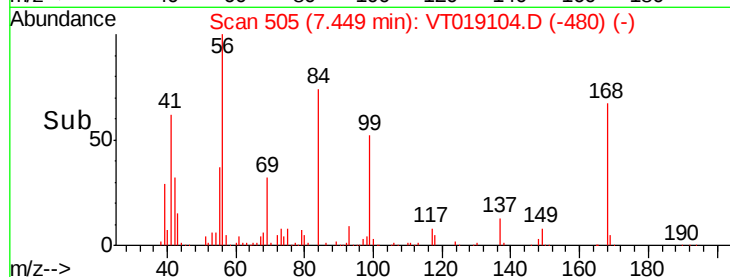
100000

50000

0

7.40 7.60 7.80

Time-->



#2

Vinyl Chloride

Concen: 88.141 ug/l

RT: 2.11 min Scan# 54

Delta R.T. 0.00 min

Lab File: VT019104.D

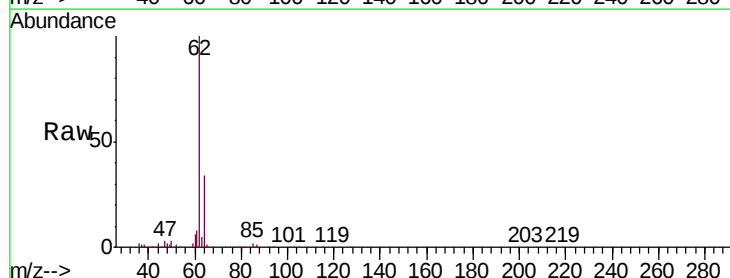
Acq: 28 Nov 2018 12:20

Tgt Ion: 62 Resp: 1555785

Ion Ratio Lower Upper

62 100

64 33.8 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

300000

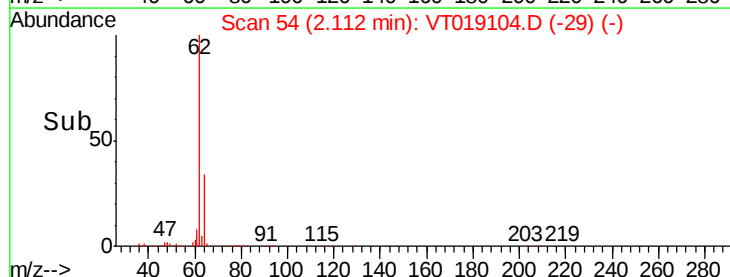
200000

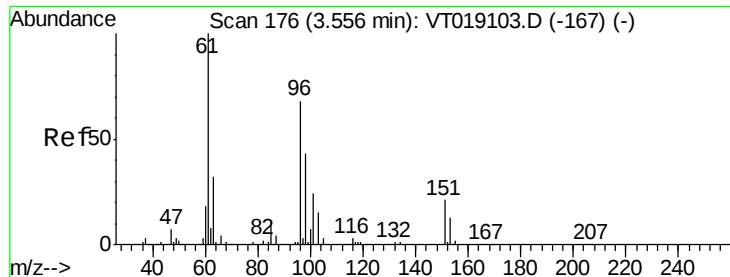
100000

0

2.00 2.20 2.40

Time-->





#3

1,1-Dichloroethene

Concen: 88.144 ug/l

RT: 3.57 min Scan# 177

Delta R.T. 0.01 min

Lab File: VT019104.D

Acq: 28 Nov 2018 12:20

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC100

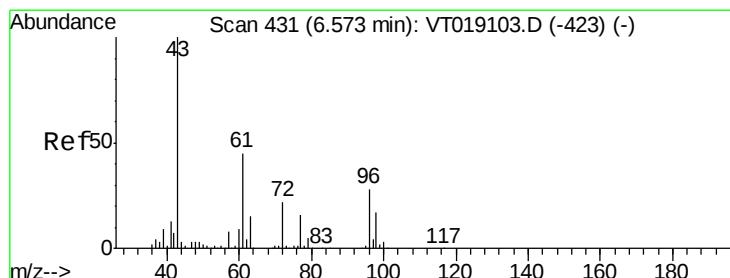
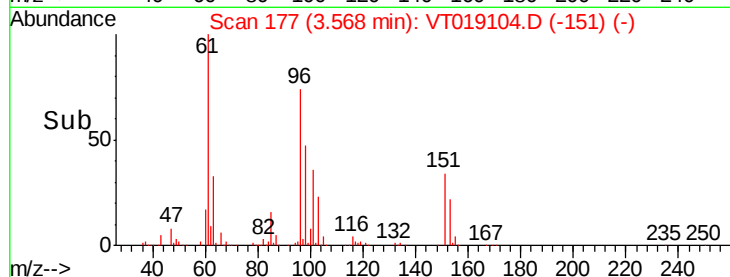
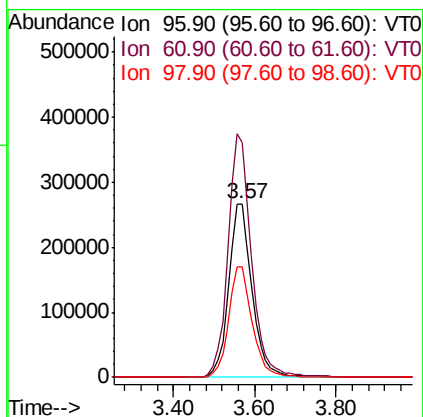
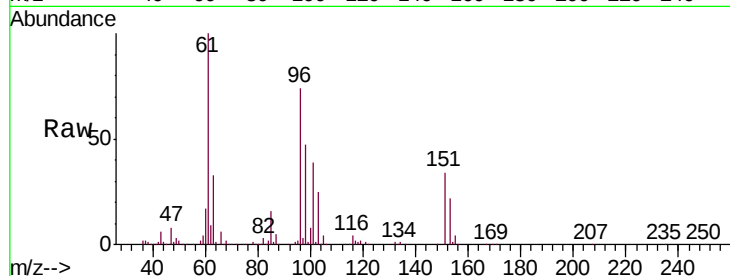
Tgt Ion: 96 Resp: 1070353

Ion Ratio Lower Upper

96 100

61 135.4 117.8 176.8

98 63.8 51.0 76.6



#4

2-Butanone

Concen: 481.288 ug/l

RT: 6.59 min Scan# 432

Delta R.T. 0.01 min

Lab File: VT019104.D

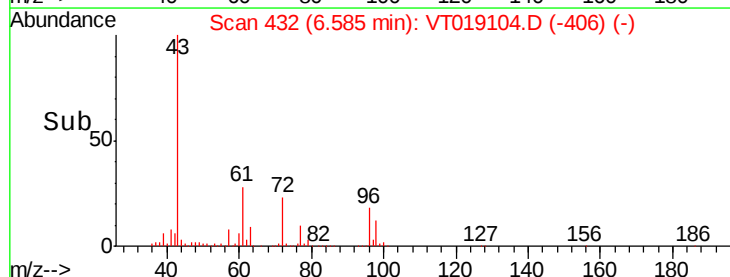
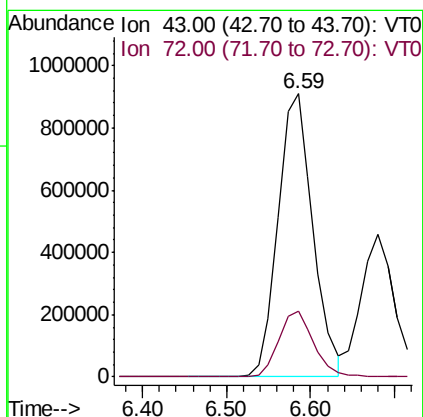
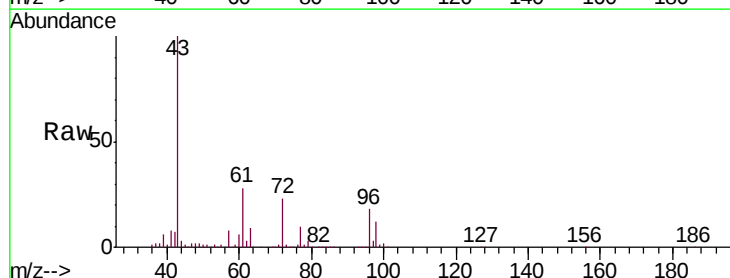
Acq: 28 Nov 2018 12:20

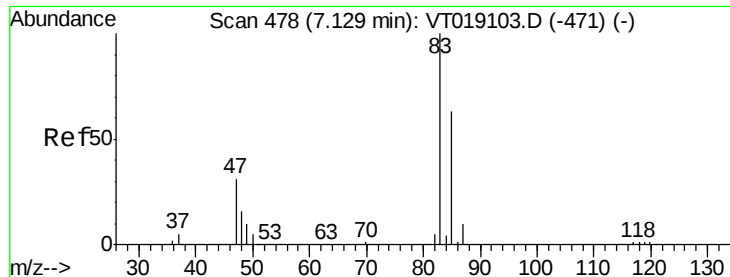
Tgt Ion: 43 Resp: 2616161

Ion Ratio Lower Upper

43 100

72 23.5 17.8 26.6





#5

Chloroform

Concen: 91.656 ug/l

RT: 7.13 min Scan# 478

Delta R.T. 0.00 min

Lab File: VT019104.D

Acq: 28 Nov 2018 12:20

Instrument :

MSVOA_T

ClientSampleId :

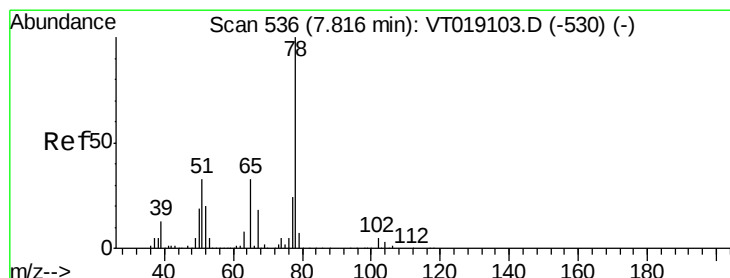
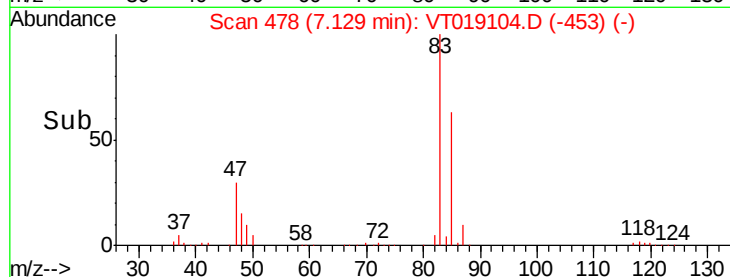
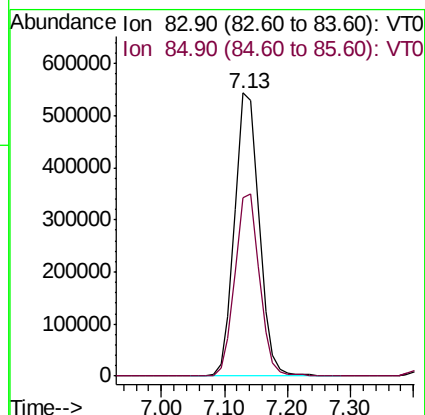
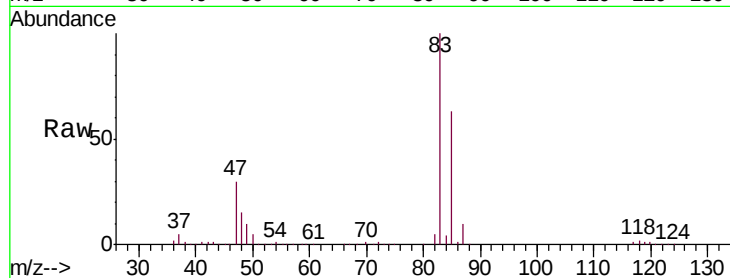
VSTDIC100

Tgt Ion: 83 Resp: 1457391

Ion Ratio Lower Upper

83 100

85 62.9 50.4 75.6



#6

1,2-Dichloroethane-d4

Concen: 95.274 ug/l

RT: 7.82 min Scan# 536

Delta R.T. 0.00 min

Lab File: VT019104.D

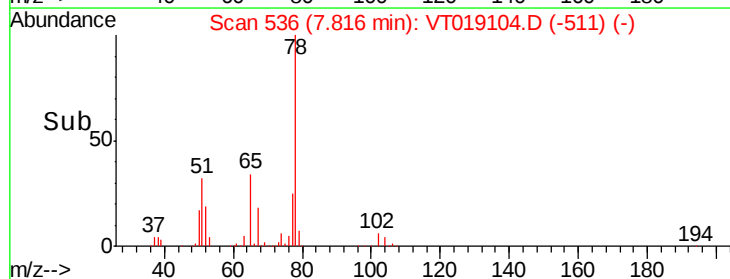
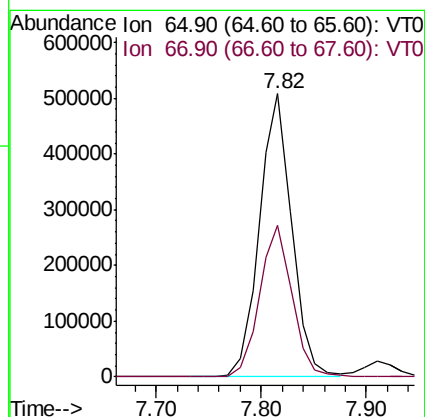
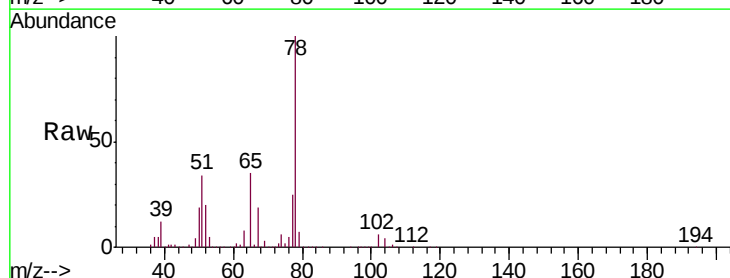
Acq: 28 Nov 2018 12:20

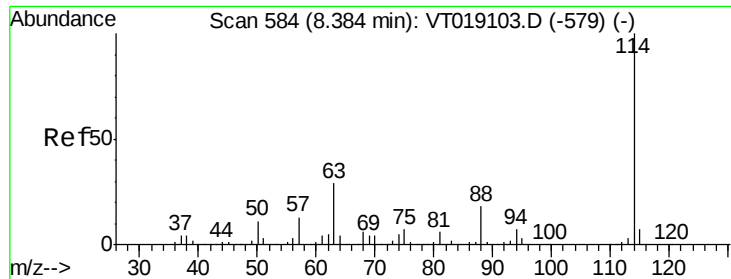
Tgt Ion: 65 Resp: 1083641

Ion Ratio Lower Upper

65 100

67 54.3 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: VT019104.D

Acq: 28 Nov 2018 12:20

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC100

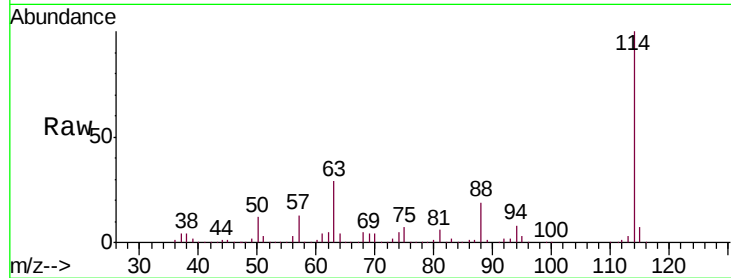
Tgt Ion:114 Resp: 1022138

Ion Ratio Lower Upper

114 100

63 29.0 0.0 57.4

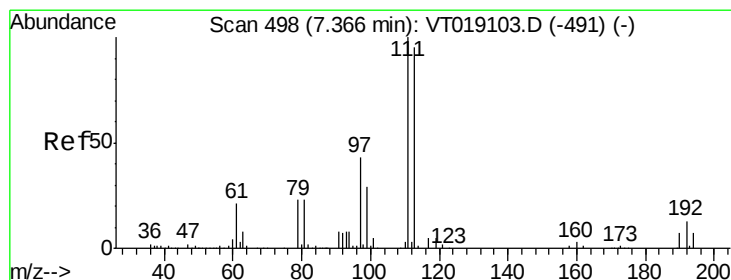
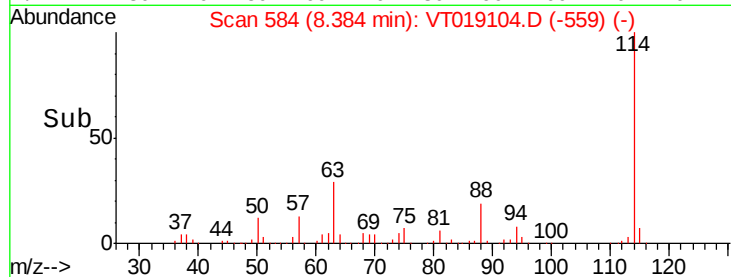
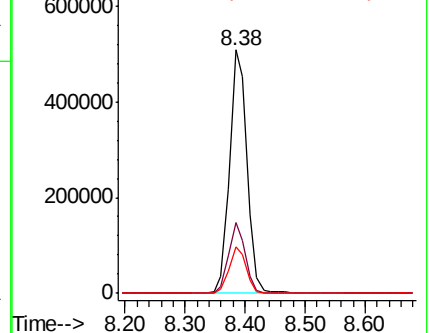
88 18.9 0.0 37.0



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: 105.324 ug/l

RT: 7.37 min Scan# 498

Delta R.T. 0.00 min

Lab File: VT019104.D

Acq: 28 Nov 2018 12:20

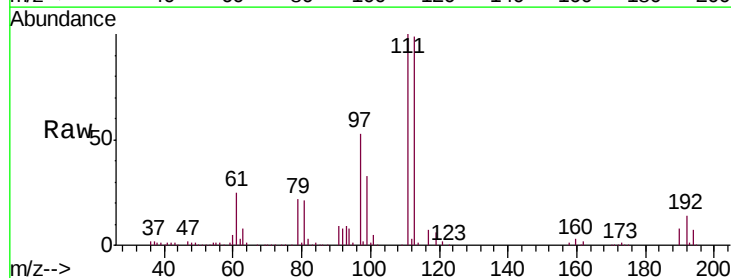
Tgt Ion:113 Resp: 692951

Ion Ratio Lower Upper

113 100

111 102.8 83.9 125.9

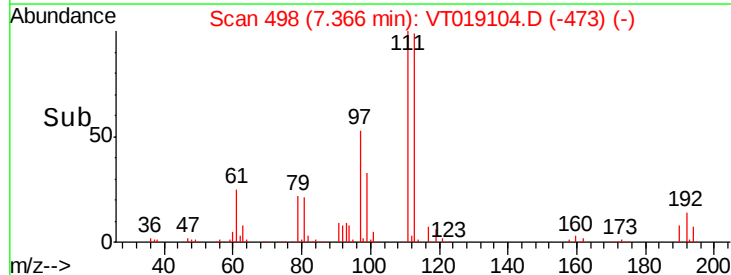
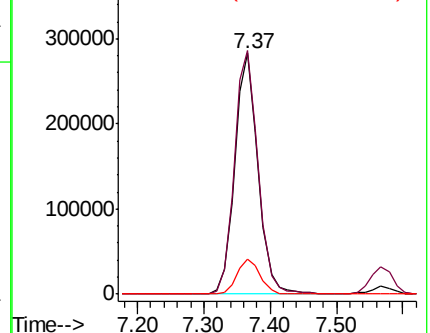
192 14.4 11.5 17.3

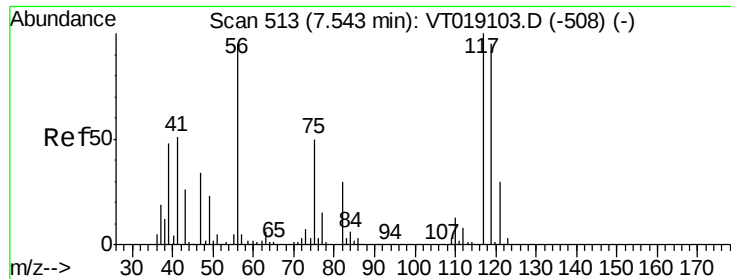


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#9

Carbon Tetrachloride

Concen: 107.037 ug/l

RT: 7.56 min Scan# 514

Delta R.T. 0.01 min

Lab File: VT019104.D

Acq: 28 Nov 2018 12:20

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC100

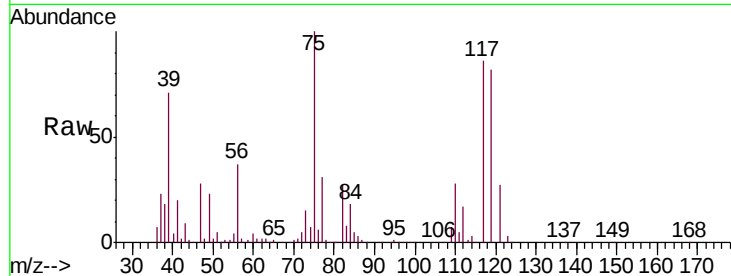
Tgt Ion:117 Resp: 1173053

Ion Ratio Lower Upper

117 100

119 95.4 75.0 112.6

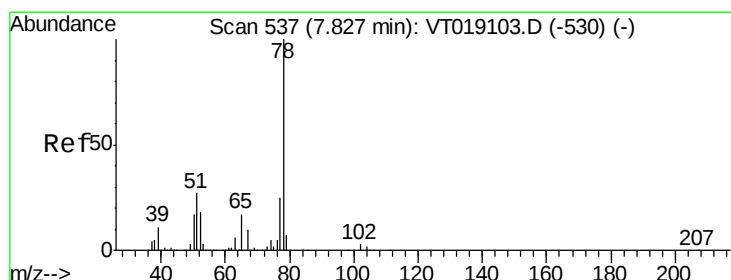
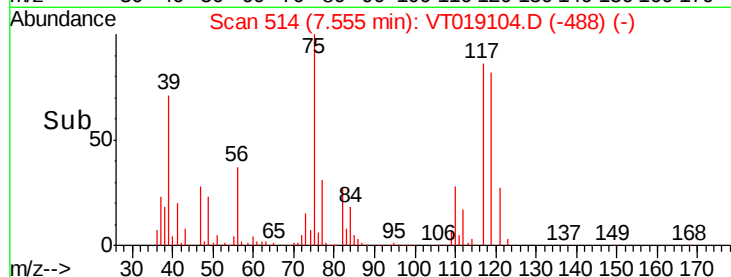
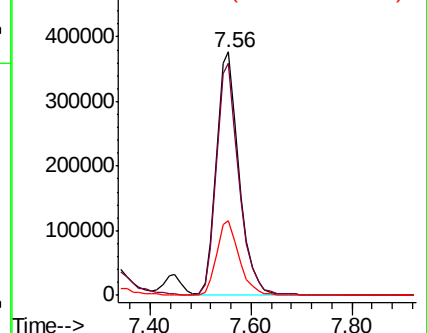
121 30.9 23.5 35.3



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: 104.360 ug/l

RT: 7.83 min Scan# 537

Delta R.T. 0.00 min

Lab File: VT019104.D

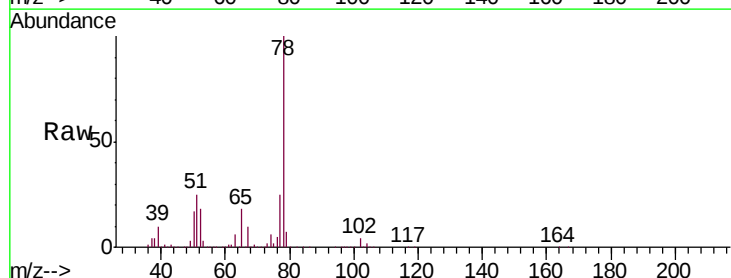
Acq: 28 Nov 2018 12:20

Tgt Ion: 78 Resp: 3721345

Ion Ratio Lower Upper

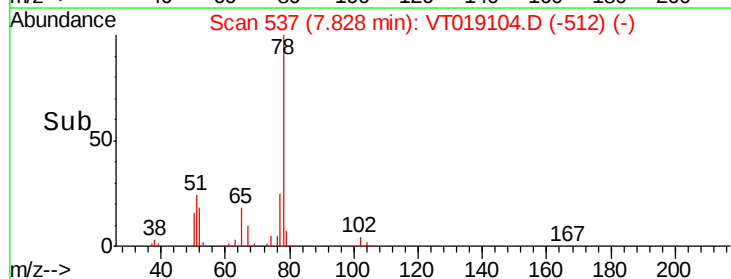
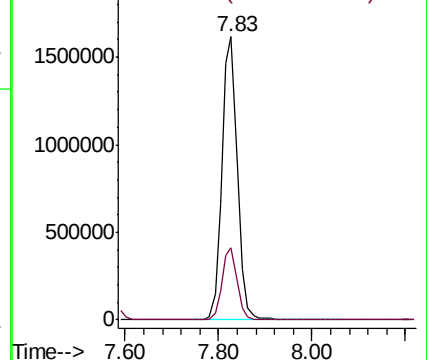
78 100

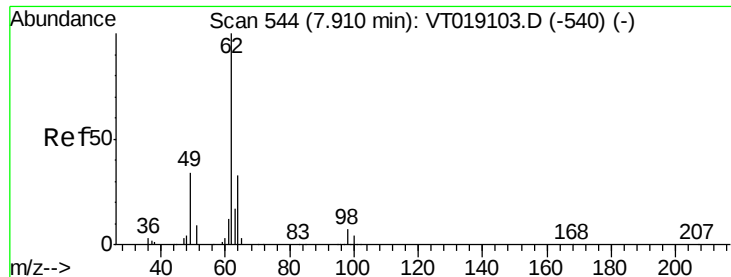
77 25.4 19.7 29.5



Abundance Ion 78.00 (77.70 to 78.70): VT0

Ion 77.00 (76.70 to 77.70): VT0

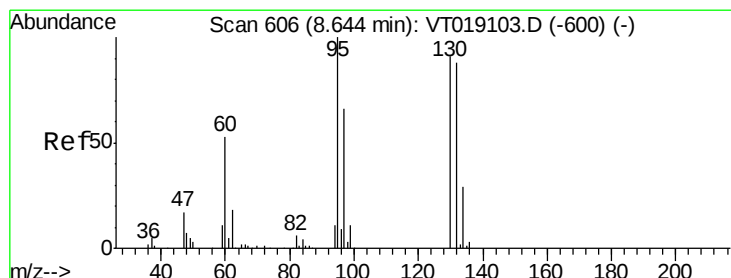
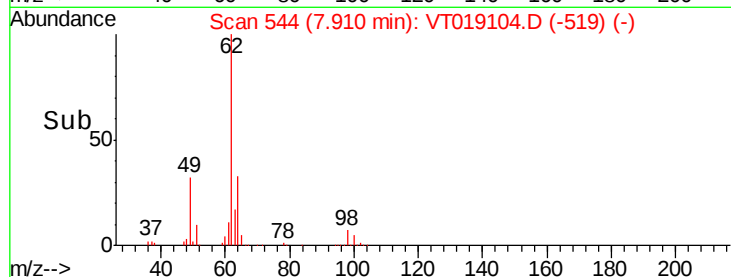
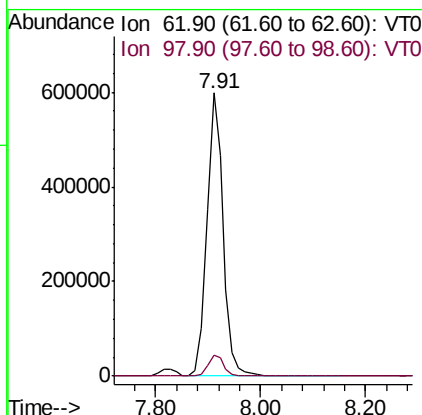
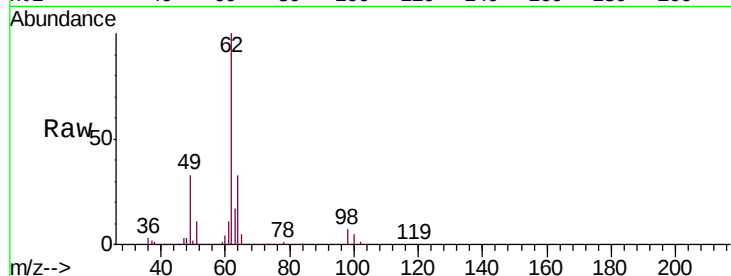




#11
 1,2-Dichloroethane
 Concen: 98.691 ug/l
 RT: 7.91 min Scan# 544
 Delta R.T. 0.00 min
 Lab File: VT019104.D
 Acq: 28 Nov 2018 12:20

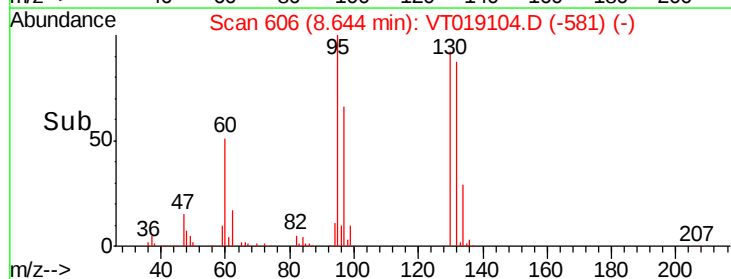
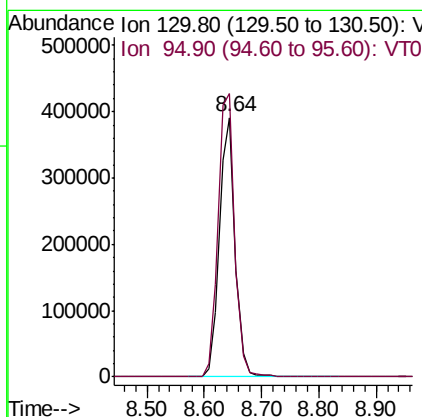
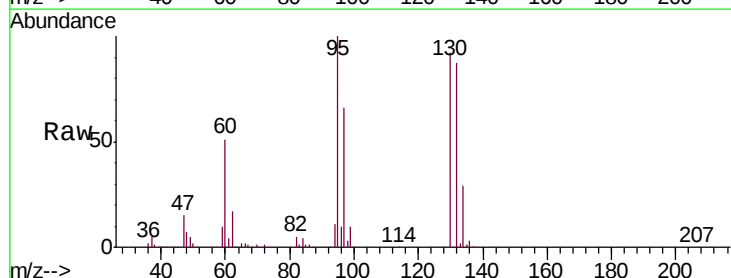
Instrument :
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 VSTDIC100

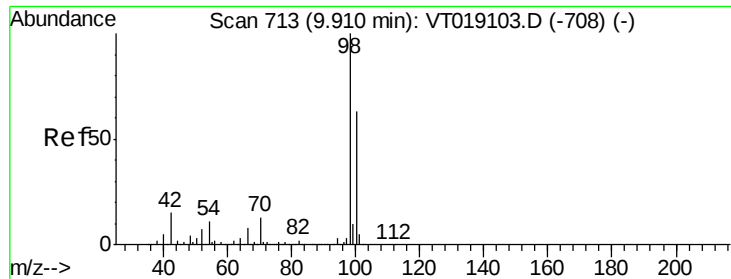
Tgt Ion: 62 Resp: 1285147
 Ion Ratio Lower Upper
 62 100
 98 7.3 0.0 14.6



#12
 Trichloroethene
 Concen: 106.223 ug/l
 RT: 8.64 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: VT019104.D
 Acq: 28 Nov 2018 12:20

Tgt Ion: 130 Resp: 741293
 Ion Ratio Lower Upper
 130 100
 95 109.2 0.0 218.8

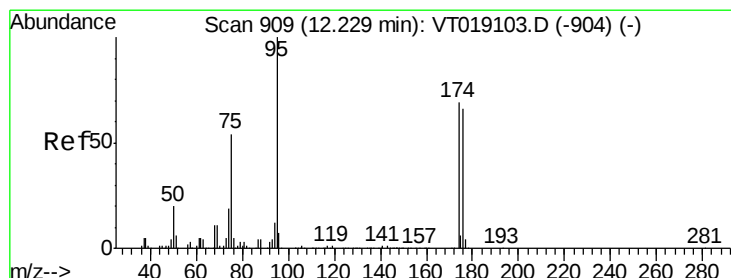
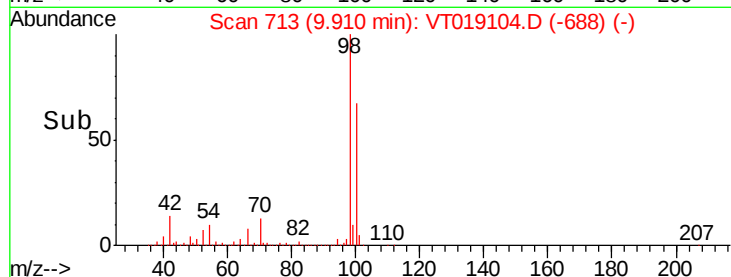
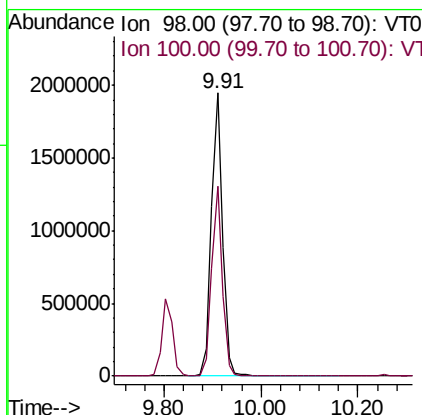
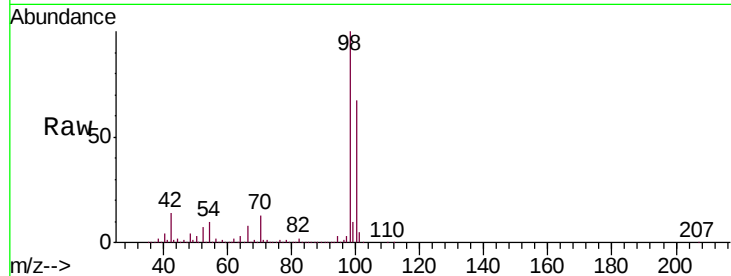




#13
Toluene-d8
Concen: 107.855 ug/l
RT: 9.91 min Scan# 713
Delta R.T. 0.00 min
Lab File: VT019104.D
Acq: 28 Nov 2018 12:20

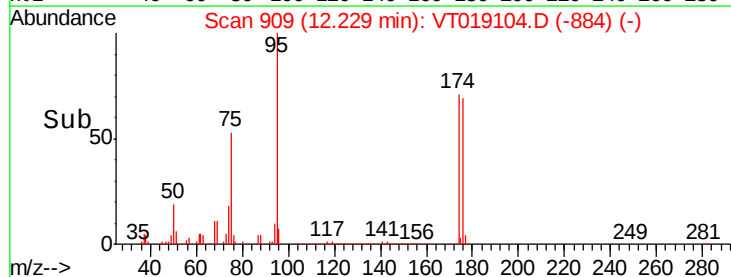
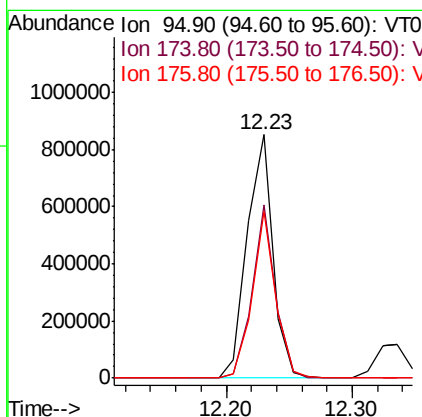
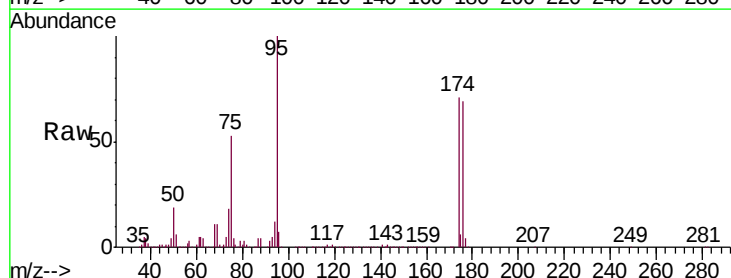
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC100

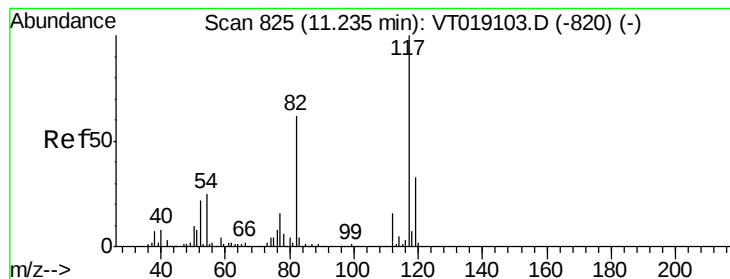
Tgt Ion: 98 Resp: 3107159
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2



#14
4-Bromofluorobenzene
Concen: 112.100 ug/l
RT: 12.23 min Scan# 909
Delta R.T. 0.00 min
Lab File: VT019104.D
Acq: 28 Nov 2018 12:20

Tgt Ion: 95 Resp: 1214319
Ion Ratio Lower Upper
95 100
174 64.3 0.0 123.2
176 62.1 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: VT019104.D

Acq: 28 Nov 2018 12:20

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC100

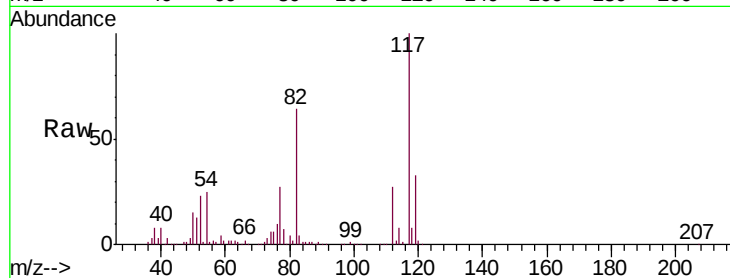
Tgt Ion:117 Resp: 1023740

Ion Ratio Lower Upper

117 100

82 63.6 49.7 74.5

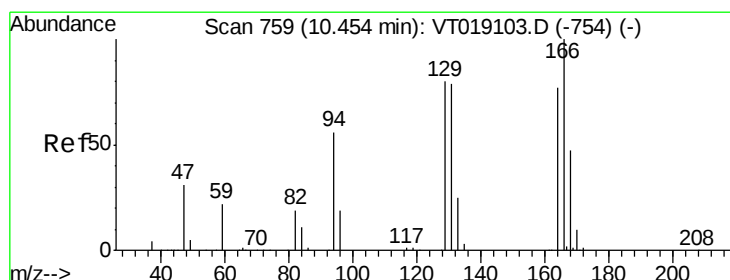
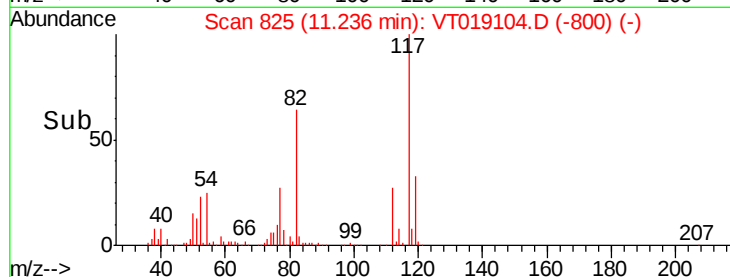
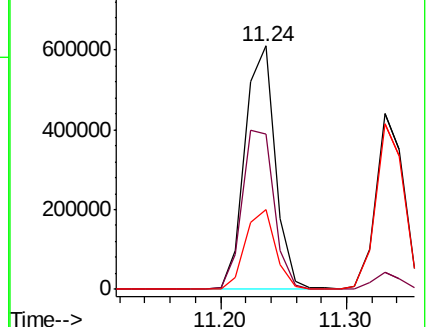
119 32.6 26.3 39.5



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: 108.512 ug/l

RT: 10.45 min Scan# 759

Delta R.T. 0.00 min

Lab File: VT019104.D

Acq: 28 Nov 2018 12:20

Tgt Ion:164 Resp: 618930

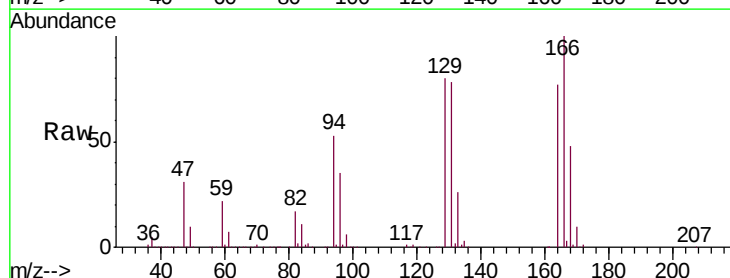
Ion Ratio Lower Upper

164 100

166 129.5 103.6 155.4

129 104.2 82.9 124.3

131 100.9 81.7 122.5

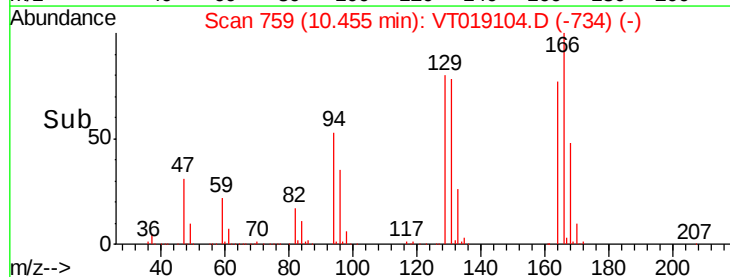
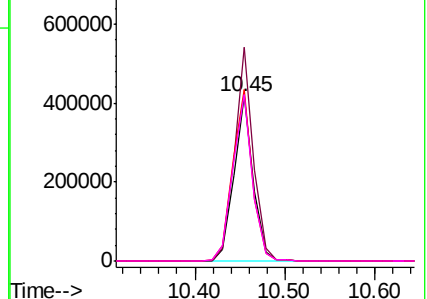


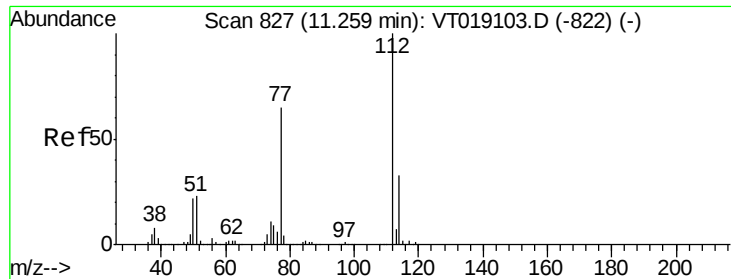
Abundance Ion 163.80 (163.50 to 164.50): V

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

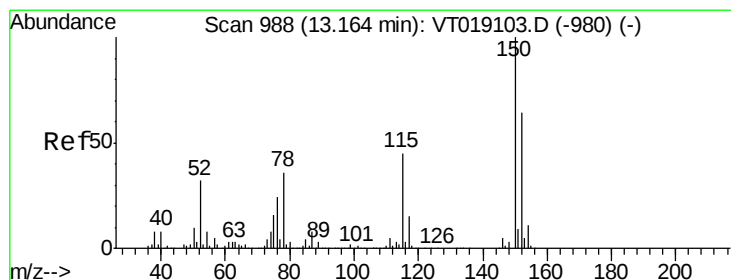
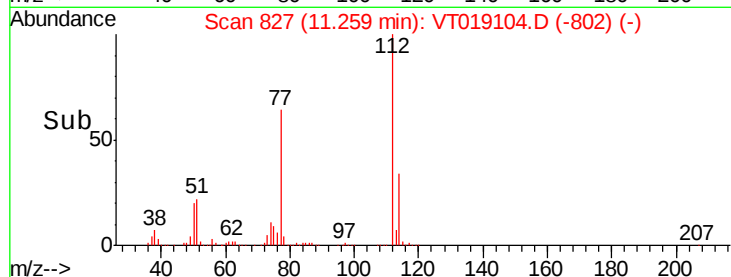
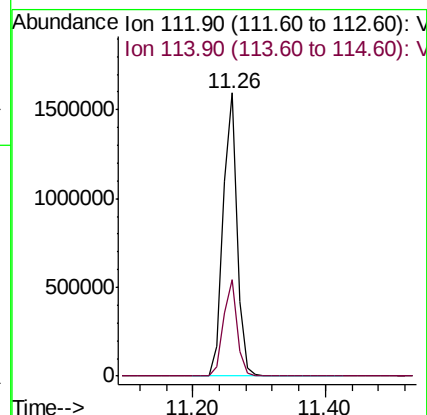
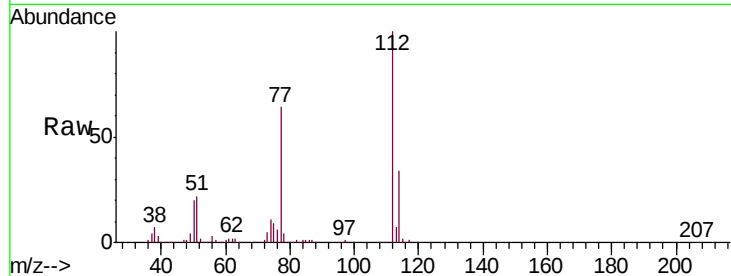




#17
Chlorobenzene
Concen: 103.012 ug/l
RT: 11.26 min Scan# 827
Delta R.T. 0.00 min
Lab File: VT019104.D
Acq: 28 Nov 2018 12:20

Instrument :
MSVOA_T
ClientSampleId :
VSTDIC100

Tgt Ion:112 Resp: 2391980
Ion Ratio Lower Upper
112 100
114 34.1 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: VT019104.D
Acq: 28 Nov 2018 12:20

Tgt Ion:152 Resp: 546278
Ion Ratio Lower Upper
152 100
115 66.1 33.0 99.0
150 193.0 0.0 343.6

