

Data File : VT019101.D
Acq On : 28 Nov 2018 10:50
Operator : SY/MD
Sample : VSTDIC010
Misc : 5.0mL/MSVOA_T/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_T
ClientSampleId :
VSTDIC010

Quant Time: Nov 29 06:16:01 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	463941	50.00	ug/l	0.00
7) 1,4-Difluorobenzene	8.38	114	916661	50.00	ug/l	0.00
15) Chlorobenzene-d5	11.24	117	870460	50.00	ug/l	0.00
18) 1,4-Dichlorobenzene-d4	13.16	152	446008	50.00	ug/l	0.00

System Monitoring Compounds

6) 1,2-Dichloroethane-d4	7.82	65	99979	10.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	21.94%	
8) Dibromofluoromethane	7.37	113	61592	10.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.88%	
13) Toluene-d8	9.91	98	265726	10.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.58%	
14) 4-Bromofluorobenzene	12.23	95	95740	9.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.72%	

Target Compounds

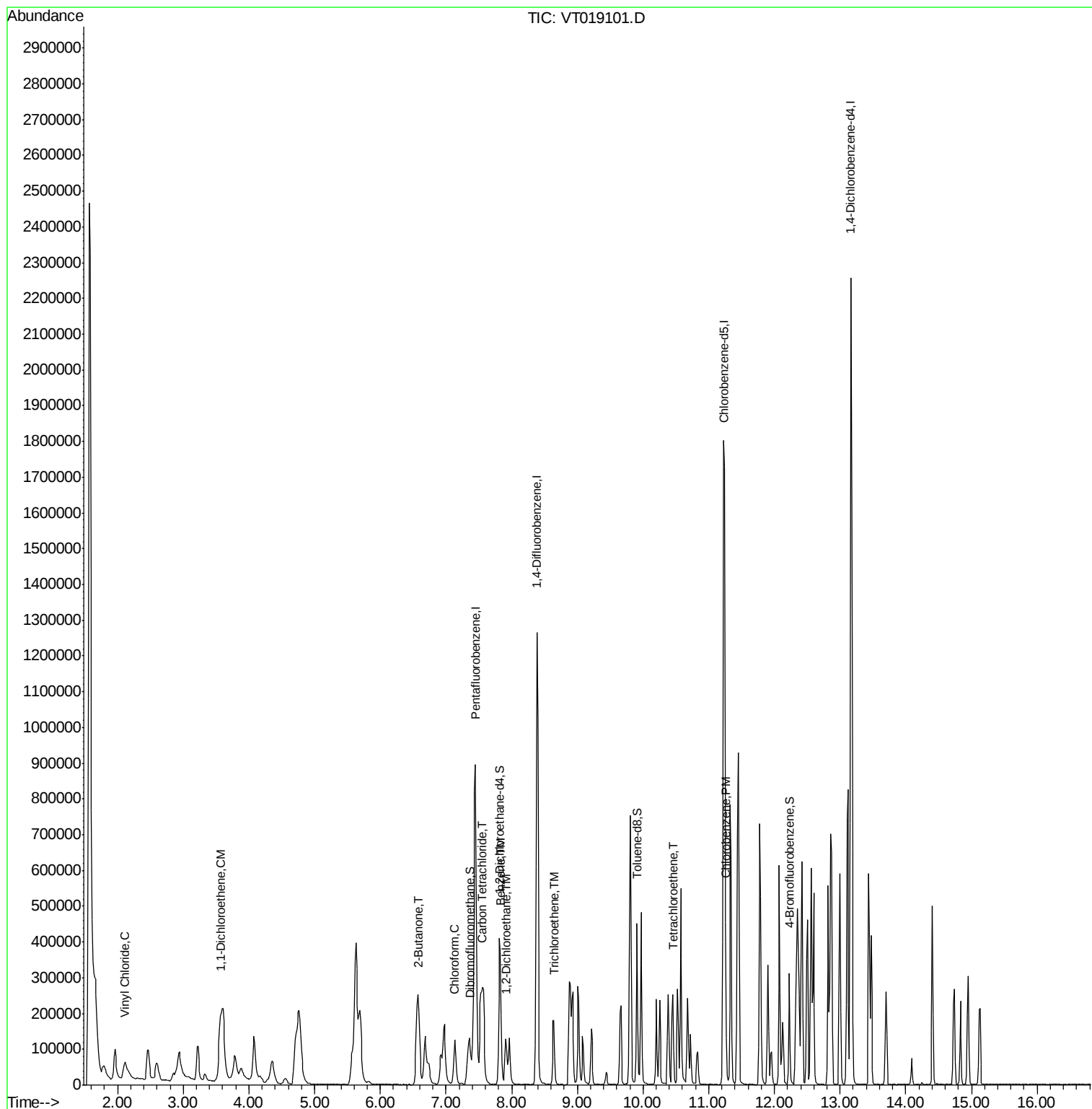
						Qvalue
2) Vinyl Chloride	2.11	62	148489	10.498	ug/l	97
3) 1,1-Dichloroethene	3.57	96	106701	10.965	ug/l	96
4) 2-Butanone	6.59	43	204976	47.058	ug/l	100
5) Chloroform	7.13	83	127239	9.986	ug/l	100
9) Carbon Tetrachloride	7.56	117	89625	9.119	ug/l	97
10) Benzene	7.83	78	297784	9.312	ug/l	100
11) 1,2-Dichloroethane	7.91	62	111868	9.579	ug/l	98
12) Trichloroethene	8.64	130	57100	9.124	ug/l	96
16) Tetrachloroethene	10.45	164	44603	9.197	ug/l	99
17) Chlorobenzene	11.26	112	187984	9.521	ug/l	96

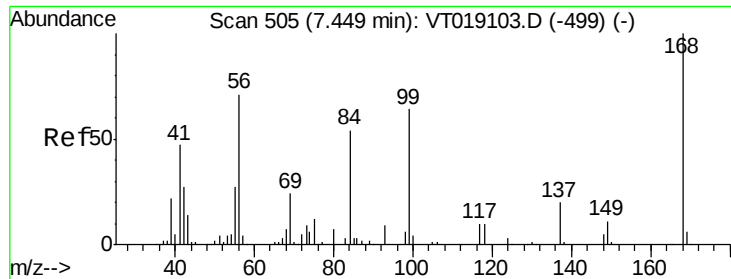
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.45 min Scan# 505

Delta R.T. 0.00 min

Lab File: VT019101.D

Acq: 28 Nov 2018 10:50

Instrument :

MSVOA_T

ClientSampleId :

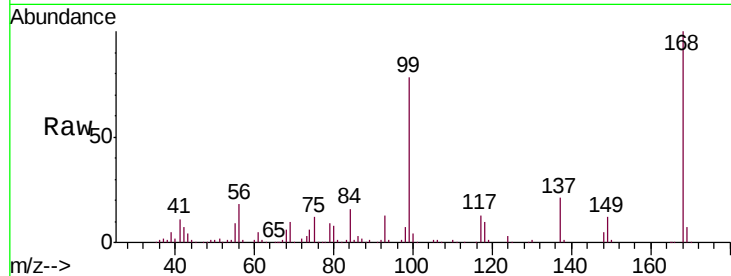
VSTDIC010

Tgt Ion: 168 Resp: 463941

Ion Ratio Lower Upper

168 100

99 77.4 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

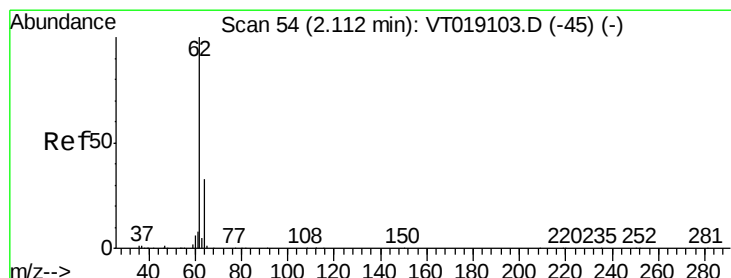
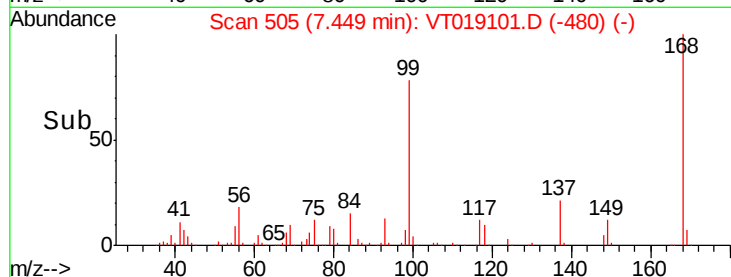
100000

50000

0

7.30 7.40 7.50 7.60

Time-->



#2

Vinyl Chloride

Concen: 10.498 ug/l

RT: 2.11 min Scan# 54

Delta R.T. 0.00 min

Lab File: VT019101.D

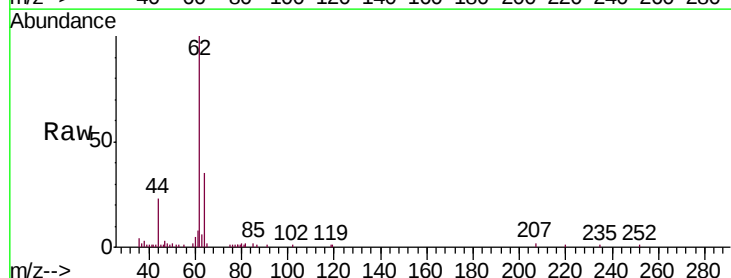
Acq: 28 Nov 2018 10:50

Tgt Ion: 62 Resp: 148489

Ion Ratio Lower Upper

62 100

64 34.1 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

30000

25000

20000

15000

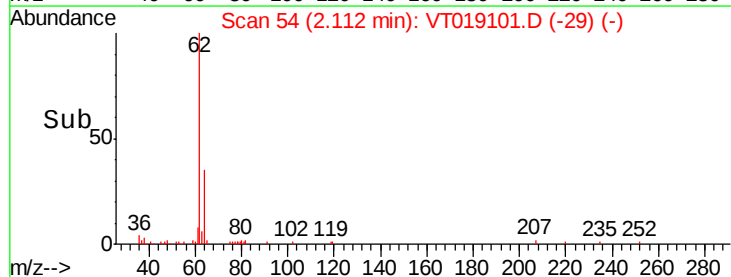
10000

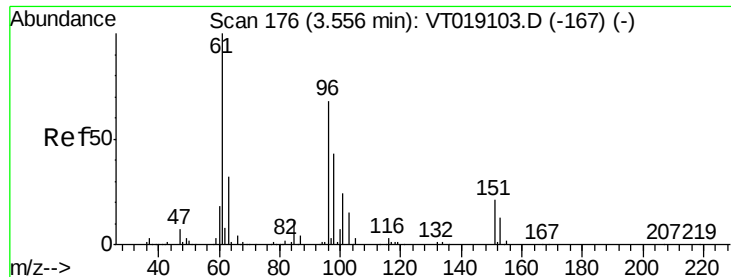
5000

0

2.00 2.20 2.40

Time-->





#3

1,1-Dichloroethene

Concen: 10.965 ug/l

RT: 3.57 min Scan# 177

Delta R.T. 0.01 min

Lab File: VT019101.D

Acq: 28 Nov 2018 10:50

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC010

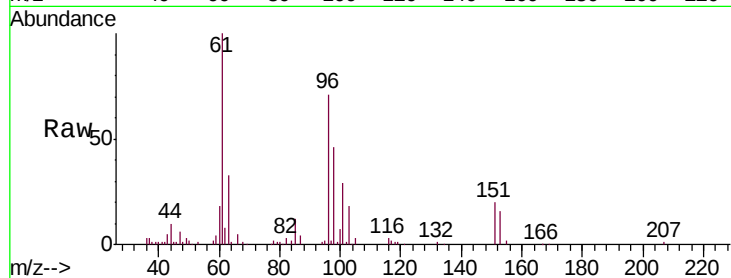
Tgt Ion: 96 Resp: 106701

Ion Ratio Lower Upper

96 100

61 140.8 117.8 176.8

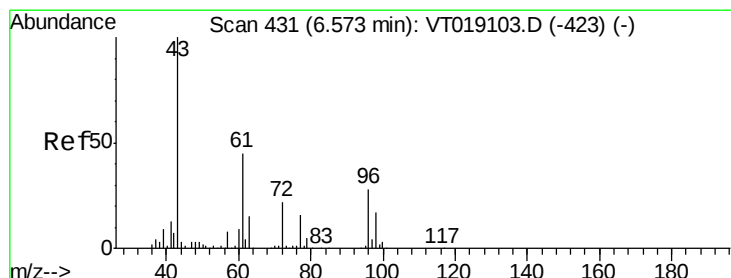
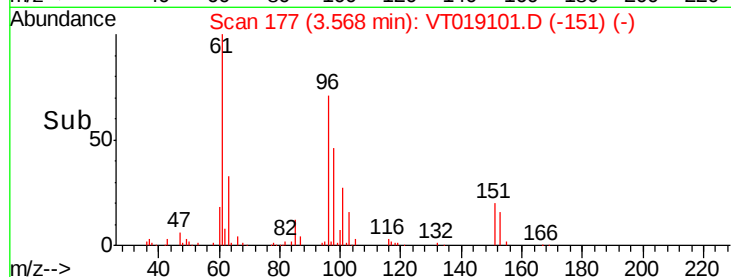
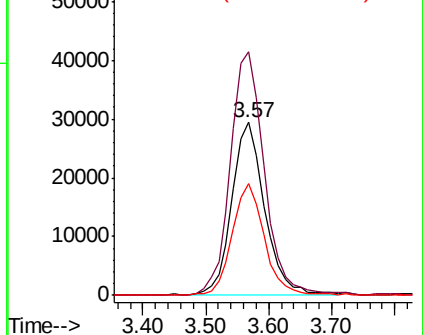
98 64.8 51.0 76.6



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: 47.058 ug/l

RT: 6.59 min Scan# 432

Delta R.T. 0.01 min

Lab File: VT019101.D

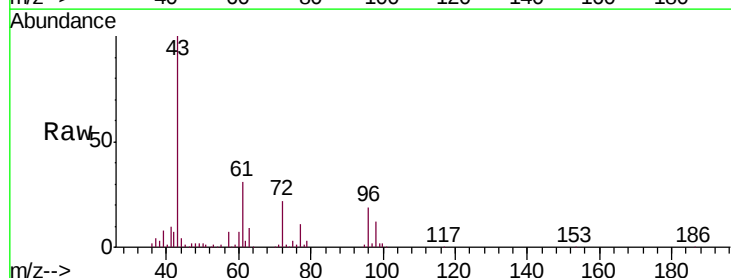
Acq: 28 Nov 2018 10:50

Tgt Ion: 43 Resp: 204976

Ion Ratio Lower Upper

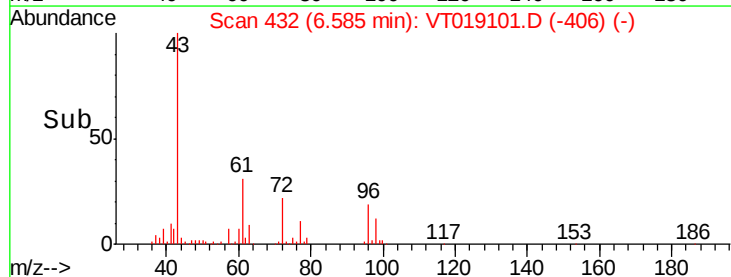
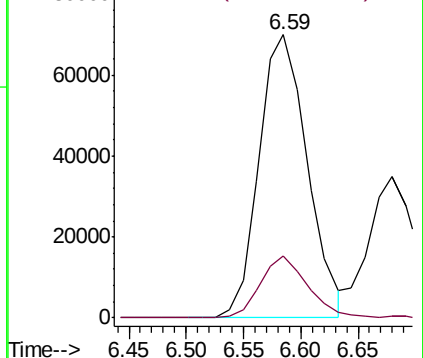
43 100

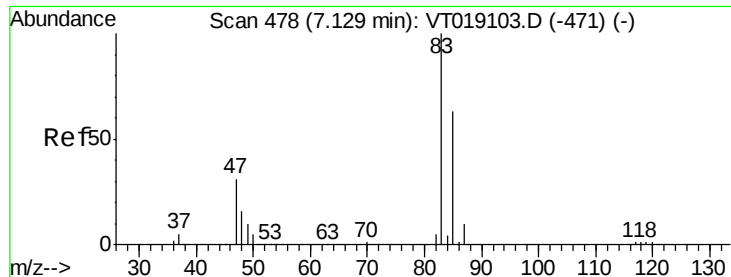
72 22.0 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VT0

Ion 72.00 (71.70 to 72.70): VT0





#5

Chloroform

Concen: 9.986 ug/l

RT: 7.13 min Scan# 478

Delta R.T. 0.00 min

Lab File: VT019101.D

Acq: 28 Nov 2018 10:50

Instrument :

MSVOA_T

ClientSampleId :

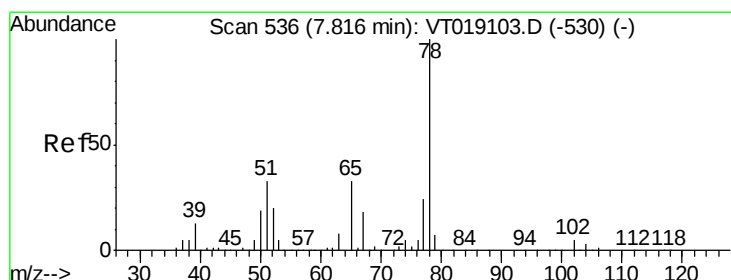
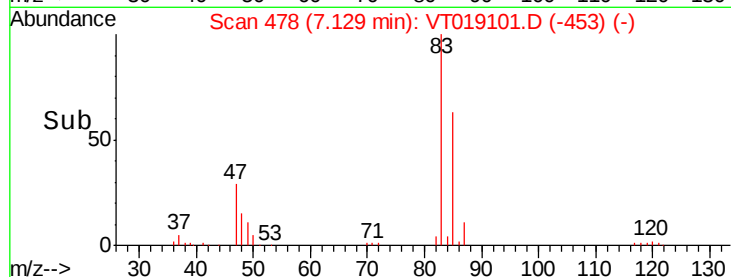
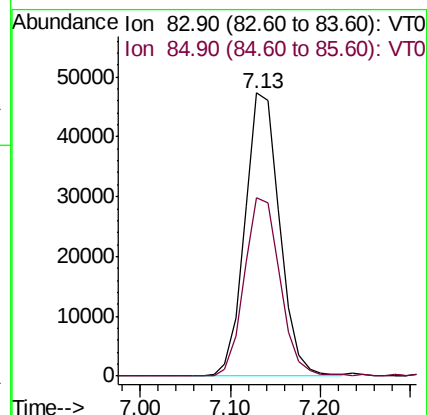
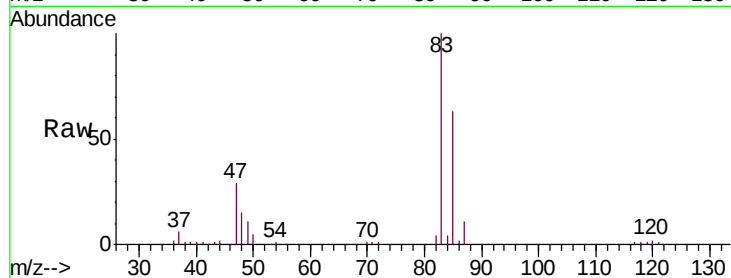
VSTDIC010

Tgt Ion: 83 Resp: 127239

Ion Ratio Lower Upper

83 100

85 62.9 50.4 75.6



#6

1,2-Dichloroethane-d4

Concen: 10.970 ug/l

RT: 7.82 min Scan# 536

Delta R.T. 0.00 min

Lab File: VT019101.D

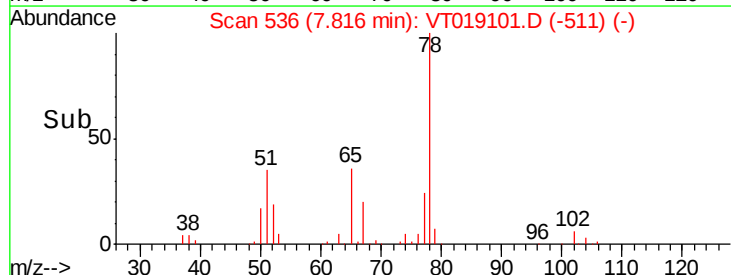
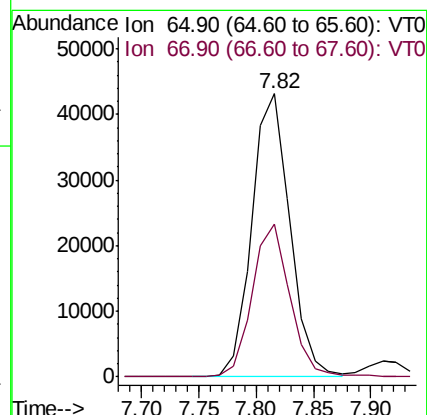
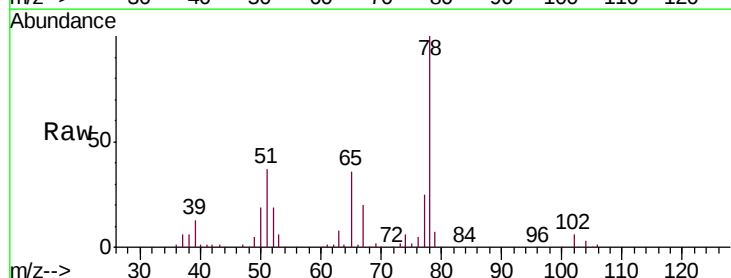
Acq: 28 Nov 2018 10:50

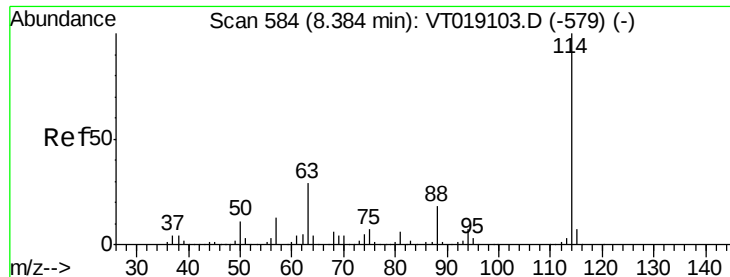
Tgt Ion: 65 Resp: 99979

Ion Ratio Lower Upper

65 100

67 53.6 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: VT019101.D

Acq: 28 Nov 2018 10:50

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC010

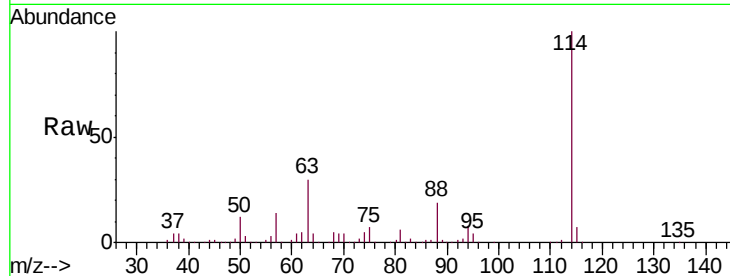
Tgt Ion:114 Resp: 916661

Ion Ratio Lower Upper

114 100

63 29.6 0.0 57.4

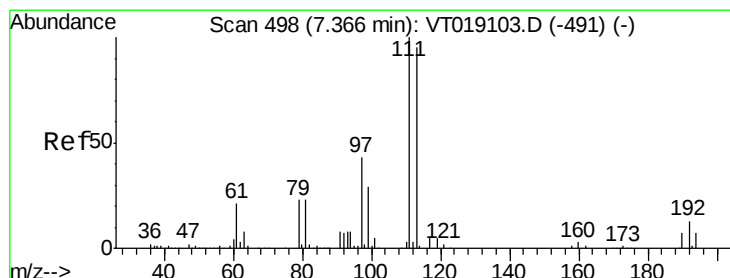
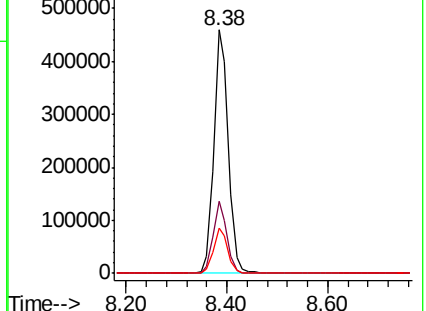
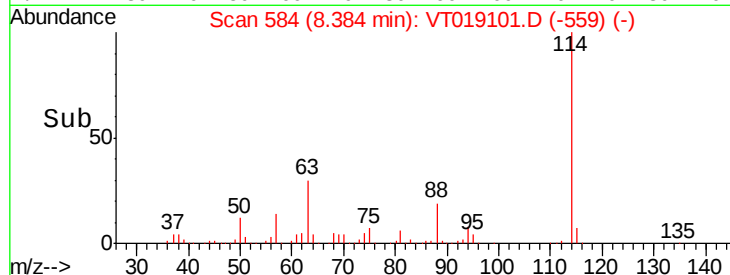
88 18.6 0.0 37.0



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: 10.439 ug/l

RT: 7.37 min Scan# 498

Delta R.T. 0.00 min

Lab File: VT019101.D

Acq: 28 Nov 2018 10:50

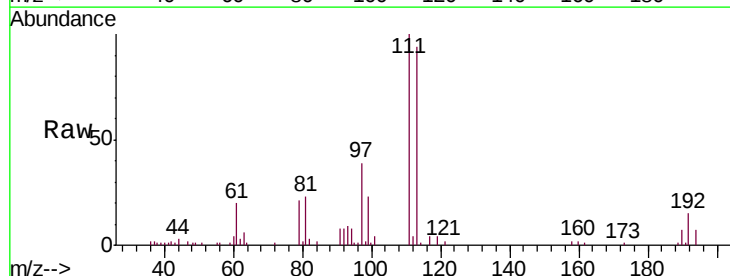
Tgt Ion:113 Resp: 61592

Ion Ratio Lower Upper

113 100

111 104.5 83.9 125.9

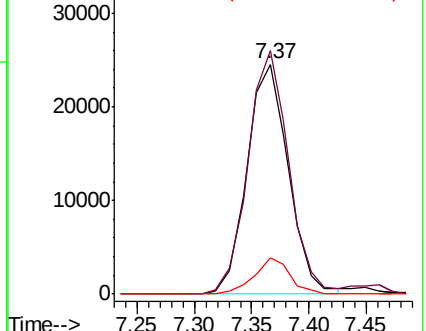
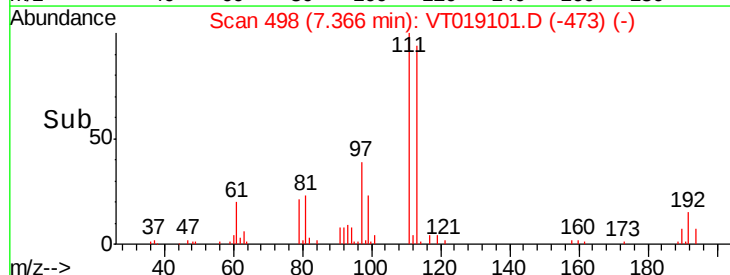
192 13.5 11.5 17.3

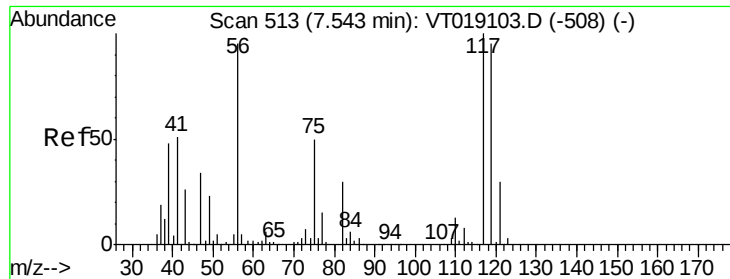


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#9

Carbon Tetrachloride

Concen: 9.119 ug/l

RT: 7.56 min Scan# 514

Delta R.T. 0.01 min

Lab File: VT019101.D

Acq: 28 Nov 2018 10:50

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC010

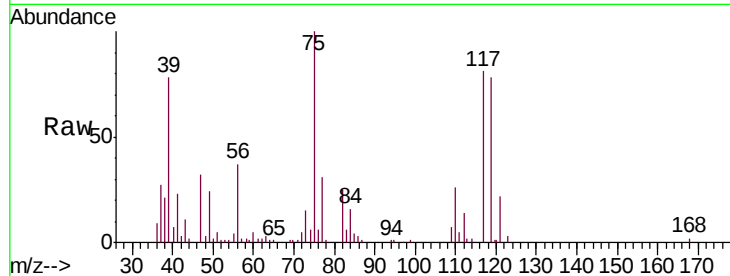
Tgt Ion:117 Resp: 89625

Ion Ratio Lower Upper

117 100

119 96.2 75.0 112.6

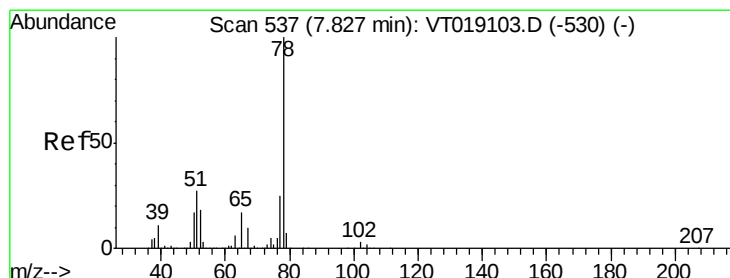
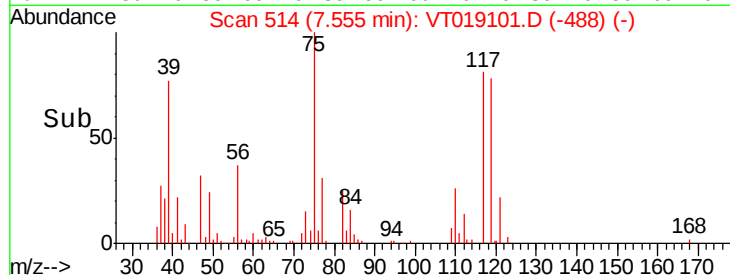
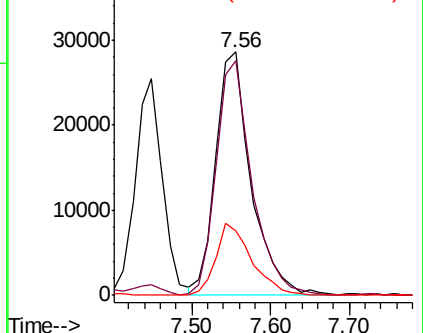
121 26.6 23.5 35.3



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: 9.312 ug/l

RT: 7.83 min Scan# 537

Delta R.T. 0.00 min

Lab File: VT019101.D

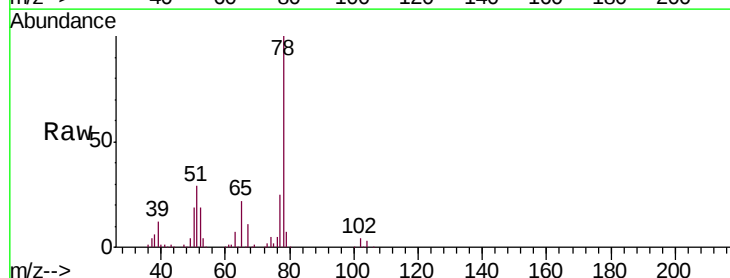
Acq: 28 Nov 2018 10:50

Tgt Ion: 78 Resp: 297784

Ion Ratio Lower Upper

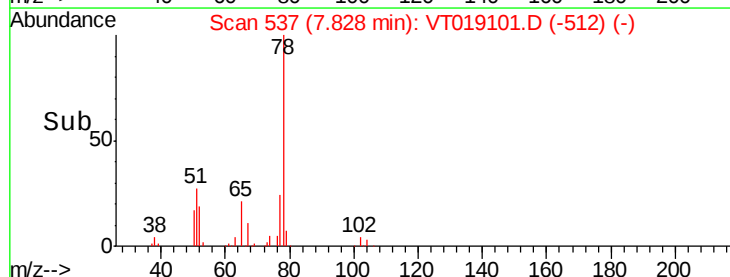
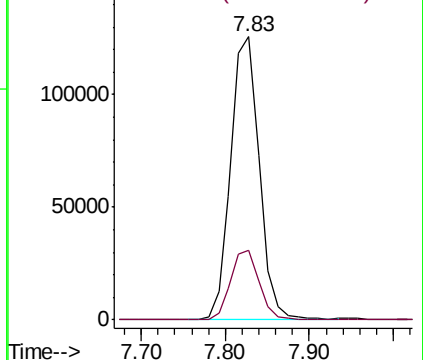
78 100

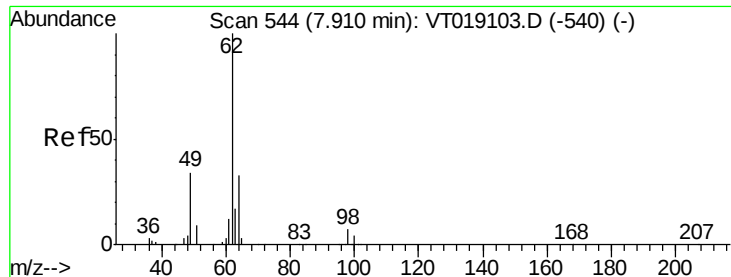
77 24.6 19.7 29.5



Abundance Ion 78.00 (77.70 to 78.70): VT0

Ion 77.00 (76.70 to 77.70): VT0

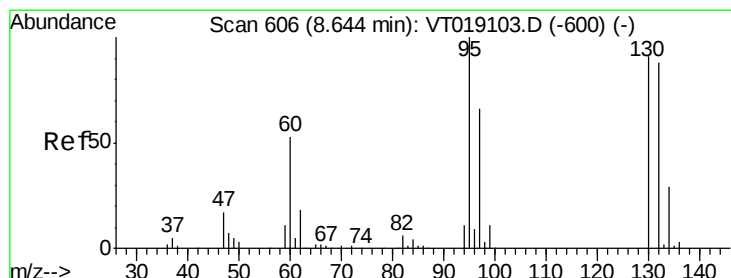
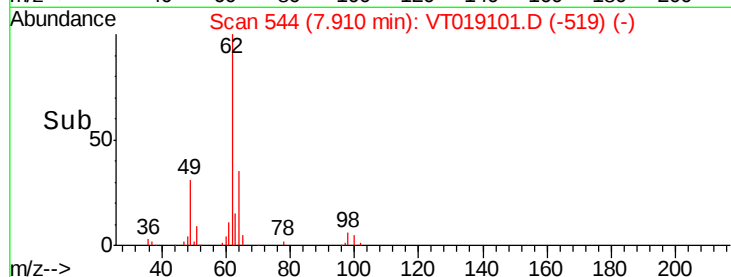
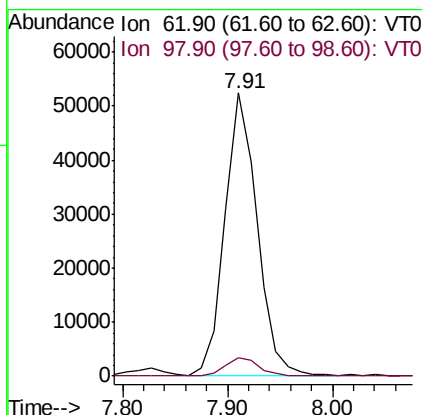
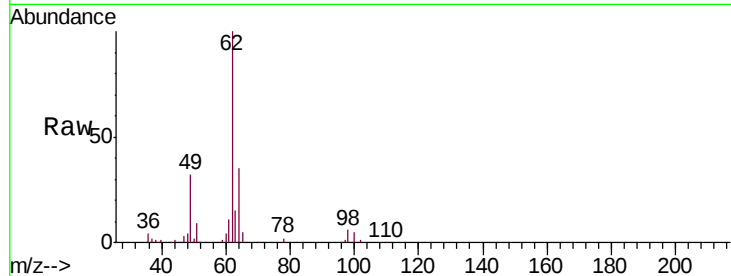




#11
 1,2-Dichloroethane
 Concen: 9.579 ug/l
 RT: 7.91 min Scan# 544
 Delta R.T. 0.00 min
 Lab File: VT019101.D
 Acq: 28 Nov 2018 10:50

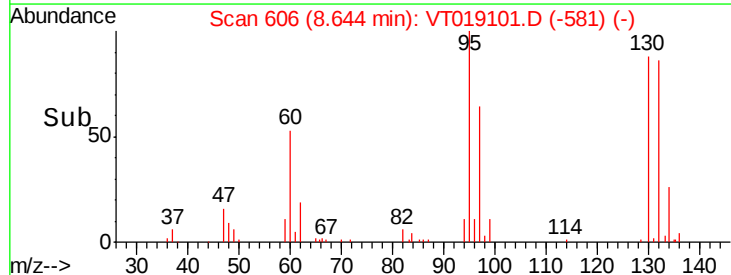
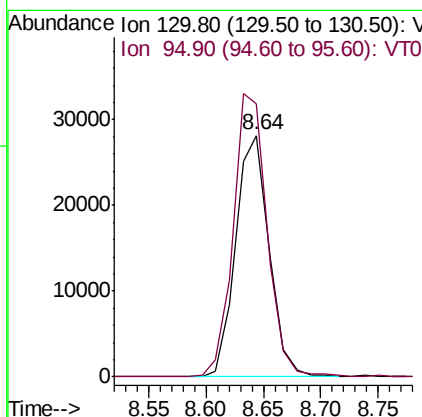
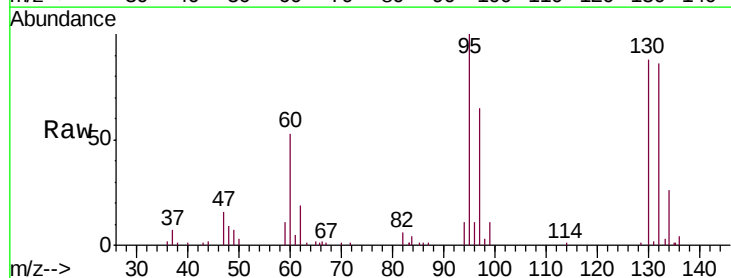
Instrument :
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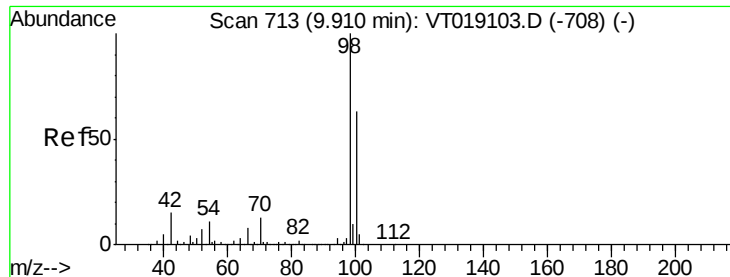
Tgt Ion: 62 Resp: 111868
 Ion Ratio Lower Upper
 62 100
 98 6.7 0.0 14.6



#12
 Trichloroethene
 Concen: 9.124 ug/l
 RT: 8.64 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: VT019101.D
 Acq: 28 Nov 2018 10:50

Tgt Ion: 130 Resp: 57100
 Ion Ratio Lower Upper
 130 100
 95 113.2 0.0 218.8





#13

Toluene-d8

Concen: 10.285 ug/l

RT: 9.91 min Scan# 713

Delta R.T. 0.00 min

Lab File: VT019101.D

Acq: 28 Nov 2018 10:50

Instrument :

MSVOA_T

ClientSampleId :

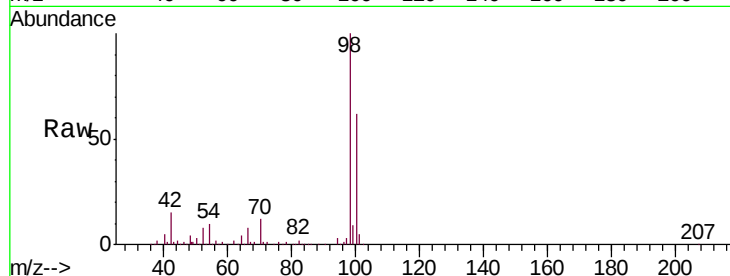
VSTDIC010

Tgt Ion: 98 Resp: 265726

Ion Ratio Lower Upper

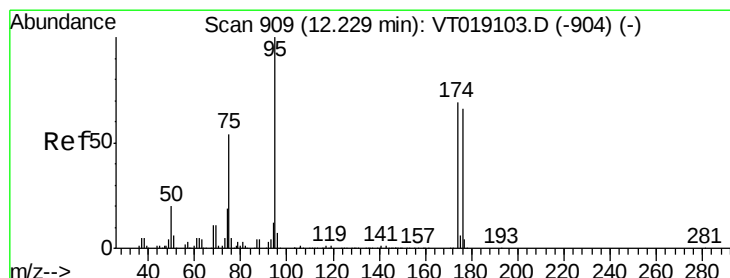
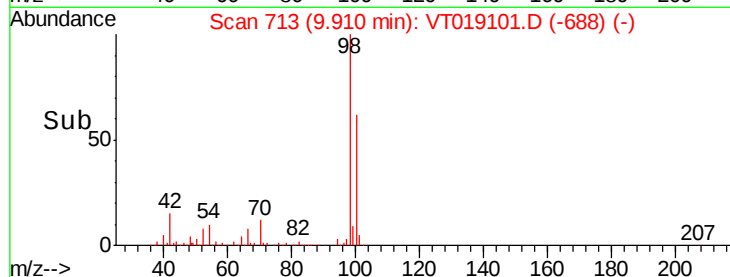
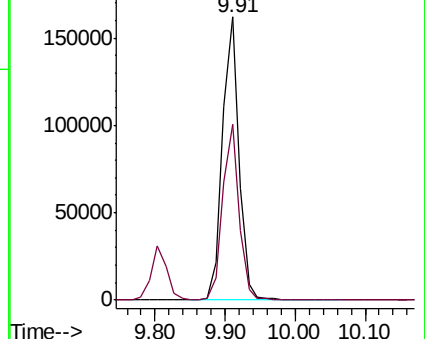
98 100

100 61.7 50.2 75.2



Abundance Ion 98.00 (97.70 to 98.70): VT0

Ion 100.00 (99.70 to 100.70): VT0



#14

4-Bromofluorobenzene

Concen: 9.855 ug/l

RT: 12.23 min Scan# 909

Delta R.T. 0.00 min

Lab File: VT019101.D

Acq: 28 Nov 2018 10:50

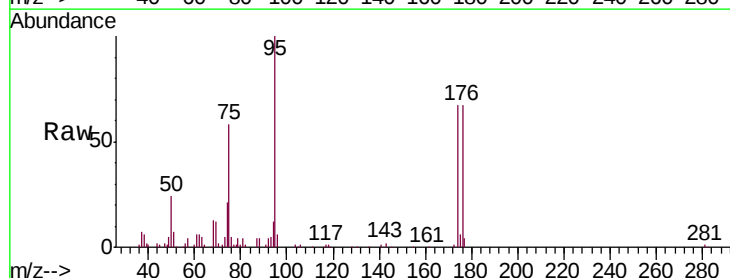
Tgt Ion: 95 Resp: 95740

Ion Ratio Lower Upper

95 100

174 63.7 0.0 123.2

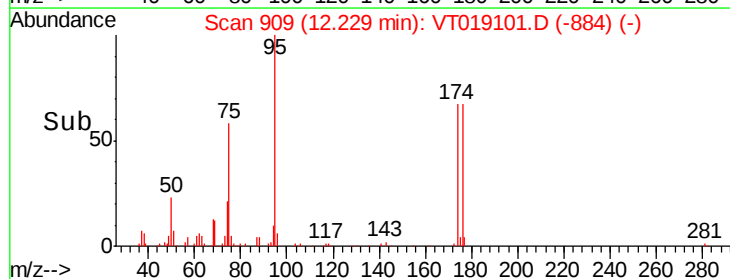
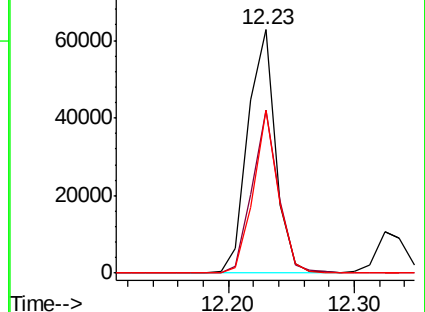
176 60.6 0.0 118.8

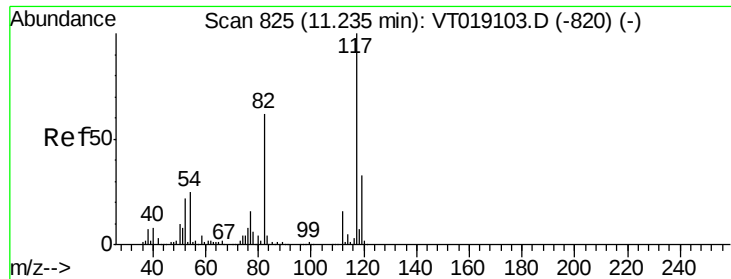


Abundance Ion 94.90 (94.60 to 95.60): VT0

Ion 173.80 (173.50 to 174.50): VT0

Ion 175.80 (175.50 to 176.50): VT0

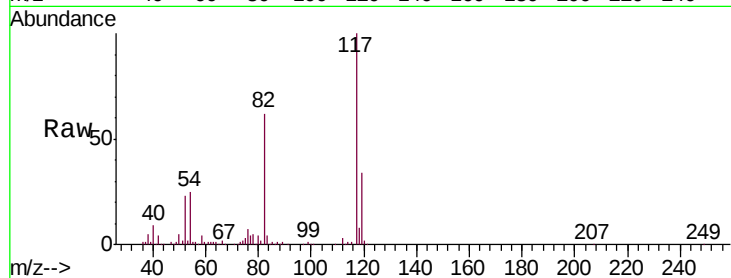




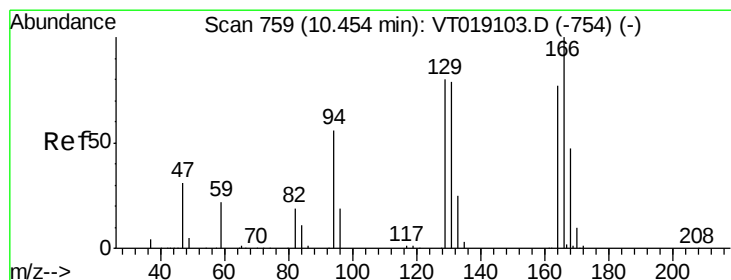
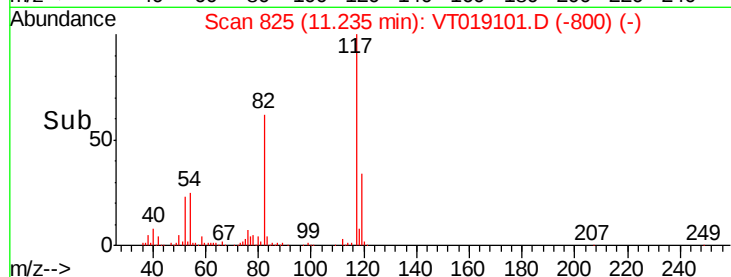
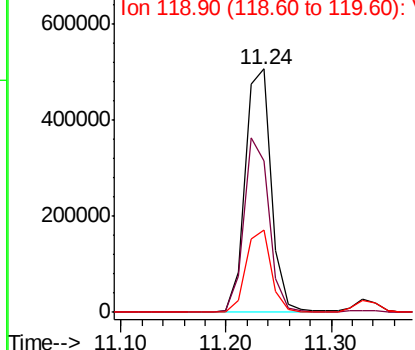
#15
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.24 min Scan# 825
Delta R.T. 0.00 min
Lab File: VT019101.D
Acq: 28 Nov 2018 10:50

Instrument :
MSVOA_T
ClientSampleId :
VSTDIC010

Tgt Ion:117 Resp: 870460
Ion Ratio Lower Upper
117 100
82 62.3 49.7 74.5
119 33.8 26.3 39.5

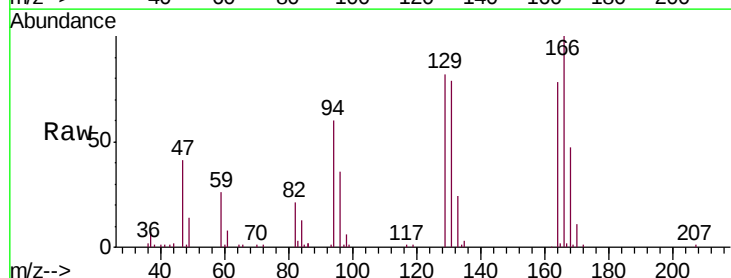


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VT0
Ion 118.90 (118.60 to 119.60): V

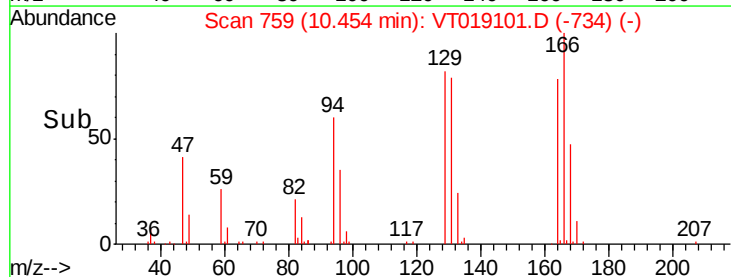
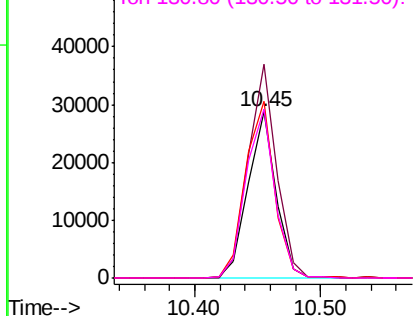


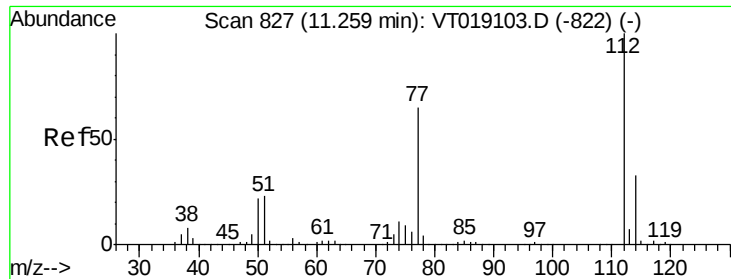
#16
Tetrachloroethene
Concen: 9.197 ug/l
RT: 10.45 min Scan# 759
Delta R.T. 0.00 min
Lab File: VT019101.D
Acq: 28 Nov 2018 10:50

Tgt Ion:164 Resp: 44603
Ion Ratio Lower Upper
164 100
166 128.5 103.6 155.4
129 105.9 82.9 124.3
131 101.6 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

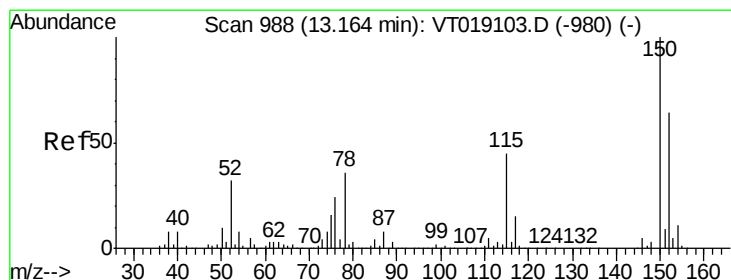
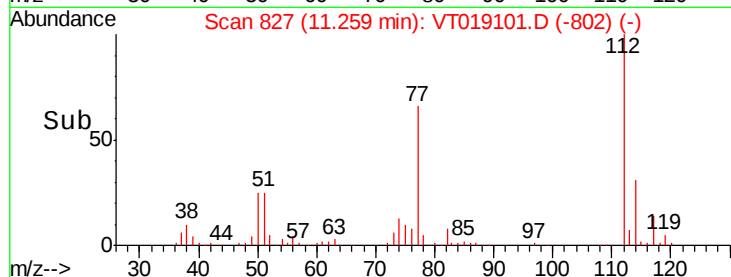
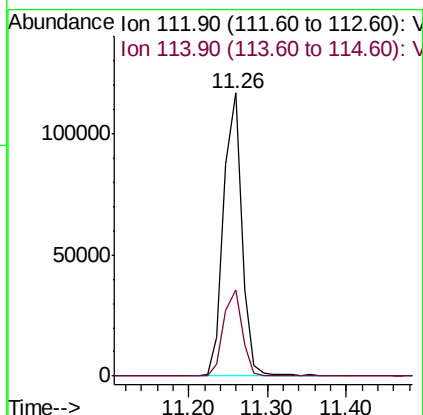
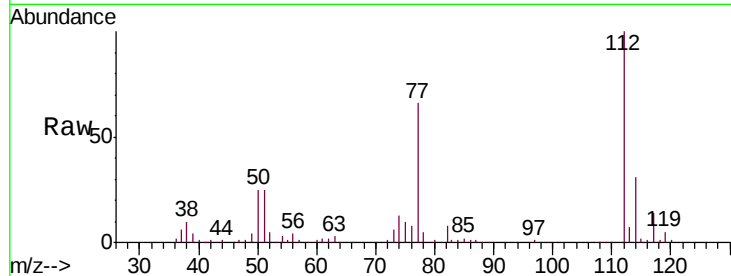




#17
Chlorobenzene
Concen: 9.521 ug/l
RT: 11.26 min Scan# 827
Delta R.T. 0.00 min
Lab File: VT019101.D
Acq: 28 Nov 2018 10:50

Instrument :
MSVOA_T
ClientSampleId :
VSTDIC010

Tgt Ion:112 Resp: 187984
Ion Ratio Lower Upper
112 100
114 30.6 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: VT019101.D
Acq: 28 Nov 2018 10:50

Tgt Ion:152 Resp: 446008
Ion Ratio Lower Upper
152 100
115 72.9 33.0 99.0
150 161.7 0.0 343.6

