

Data Path : Z:\VOASRV\HPCHEM1\MSVOA T\DATA\VT112818\
 Data File : VT019111.D
 Acq On : 28 Nov 2018 18:21
 Operator : SY/MD
 Sample : MDL3
 Misc : 5.0mL/MSVOA T/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 MDL3

Quant Time: Nov 29 06:30:37 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

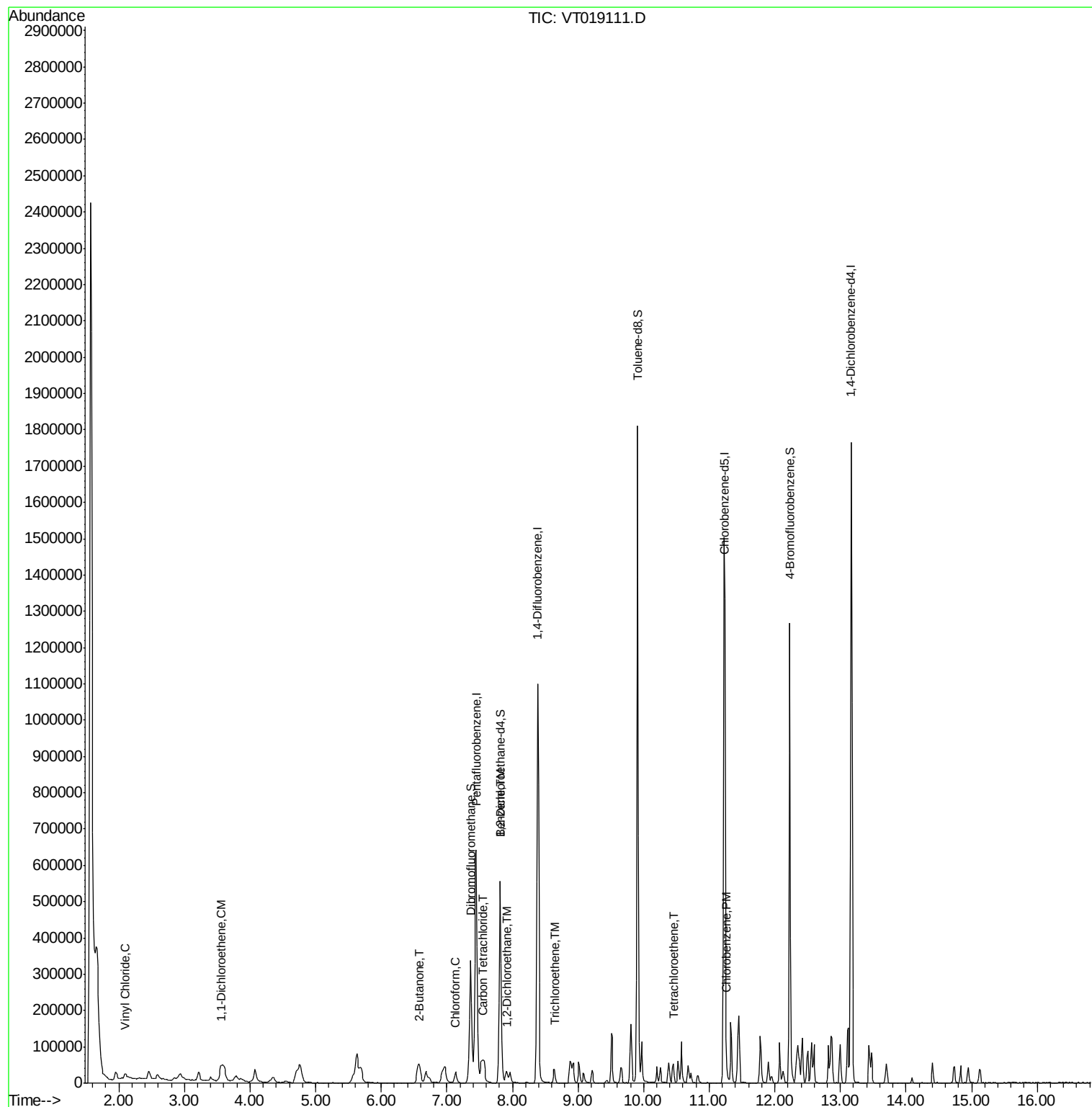
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.45	168	409557	50.00	ug/l	0.00
7) 1,4-Difluorobenzene	8.38	114	757574	50.00	ug/l	0.00
15) Chlorobenzene-d5	11.24	117	712772	50.00	ug/l	0.00
18) 1,4-Dichlorobenzene-d4	13.16	152	352844	50.00	ug/l	0.00
System Monitoring Compounds						
6) 1,2-Dichloroethane-d4	7.82	65	432802	53.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.58%	
8) Dibromofluoromethane	7.37	113	247254	50.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.42%	
13) Toluene-d8	9.91	98	1090598	51.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.16%	
14) 4-Bromofluorobenzene	12.23	95	402052	50.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.16%	
Target Compounds						
					Qvalue	
2) Vinyl Chloride	2.10	62	30534	2.445	ug/l	97
3) 1,1-Dichloroethene	3.56	96	21068	2.453	ug/l	98
4) 2-Butanone	6.59	43	47325	12.308	ug/l	97
5) Chloroform	7.13	83	29603	2.632	ug/l	99
9) Carbon Tetrachloride	7.54	117	22086	2.719	ug/l	88
10) Benzene	7.82	78	65256	2.469	ug/l	96
11) 1,2-Dichloroethane	7.91	62	27075	2.805	ug/l	100
12) Trichloroethene	8.64	130	12569	2.430	ug/l	75
16) Tetrachloroethene	10.45	164	10240	2.579	ug/l	98
17) Chlorobenzene	11.26	112	38456	2.379	ug/l	100

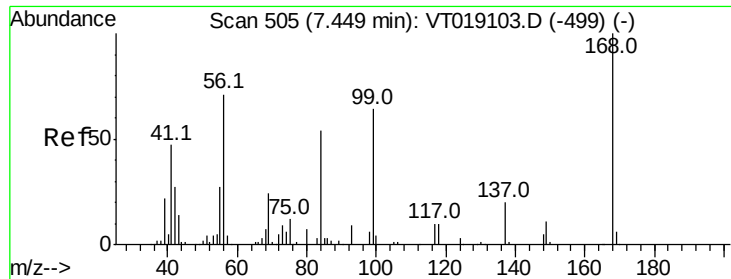
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VT019111.D

Acq: 28 Nov 2018 18:21

Instrument :

MSVOA_T

ClientSampleId :

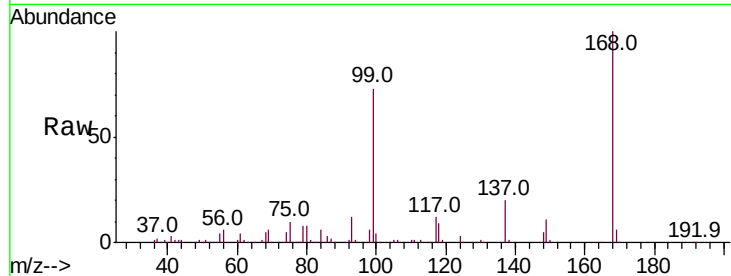
MDL3

Tot Ion:168 Resp: 409557

Ion Ratio Lower Upper

168 100

99 73.3 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

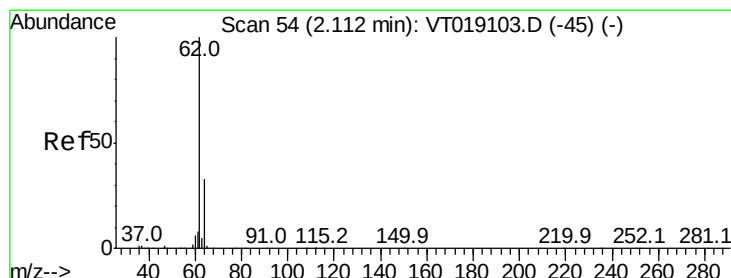
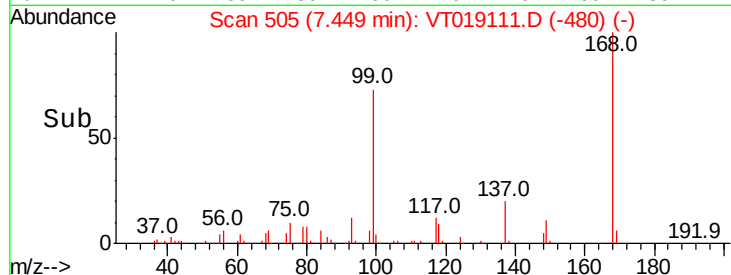
150000

100000

50000

0

Time-->



#2

Vinyl Chloride

Concen: 2.445 ug/l

RT: 2.10 min Scan# 53

Delta R.T. -0.01 min

Lab File: VT019111.D

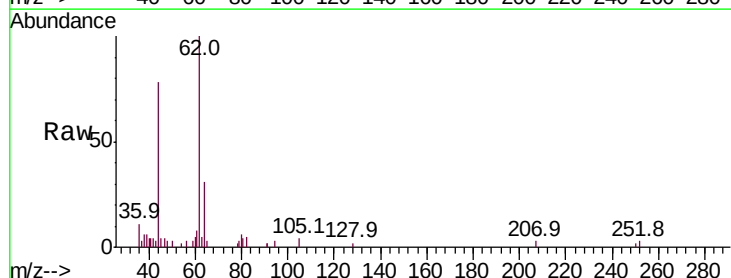
Acq: 28 Nov 2018 18:21

Tgt Ion: 62 Resp: 30534

Ion Ratio Lower Upper

62 100

64 31.1 26.1 39.1



Abundance Ion 61.90 (61.60 to 62.60): VT0

Ion 63.90 (63.60 to 64.60): VT0

2.10

8000

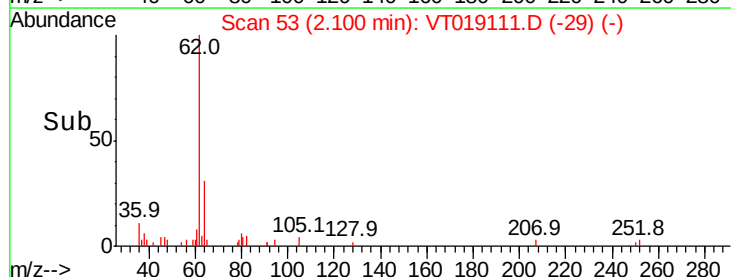
6000

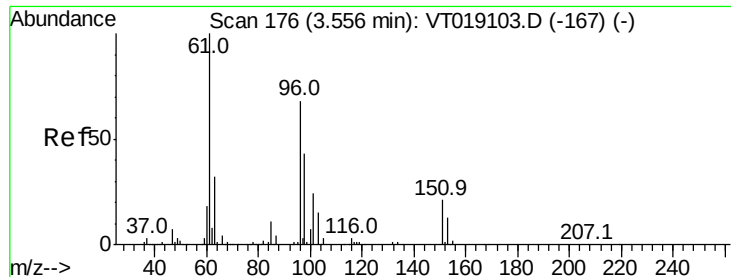
4000

2000

0

Time-->





#3

1,1-Dichloroethene

Concen: 2.453 ug/l

RT: 3.56 min Scan# 176

Delta R.T. 0.00 min

Lab File: VT019111.D

Acq: 28 Nov 2018 18:21

Instrument :

MSVOA_T

ClientSampled :

MDL3

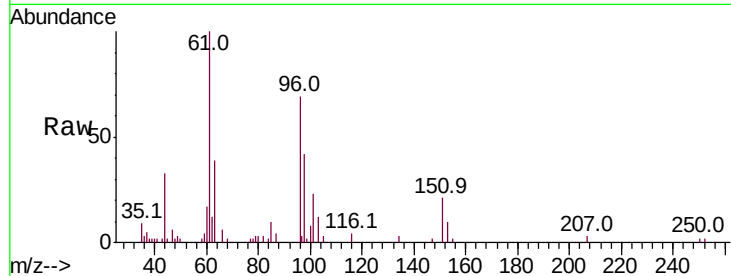
Tot Ion: 96 Resp: 21068

Ion Ratio Lower Upper

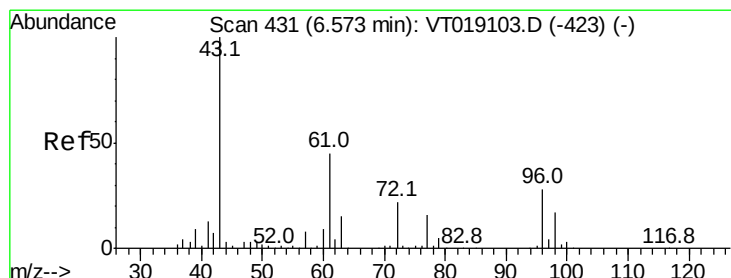
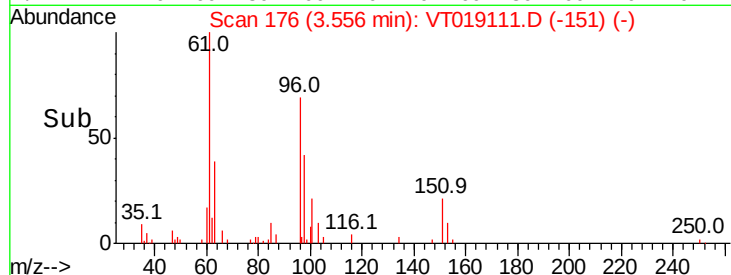
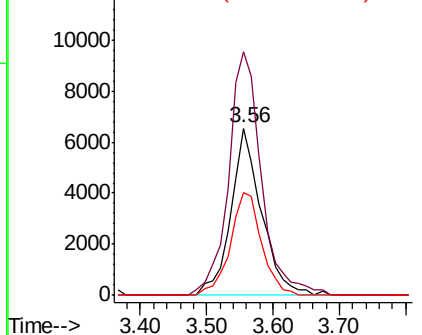
96 100

61 145.6 117.8 176.8

98 61.4 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: 12.308 ug/l

RT: 6.59 min Scan# 432

Delta R.T. 0.01 min

Lab File: VT019111.D

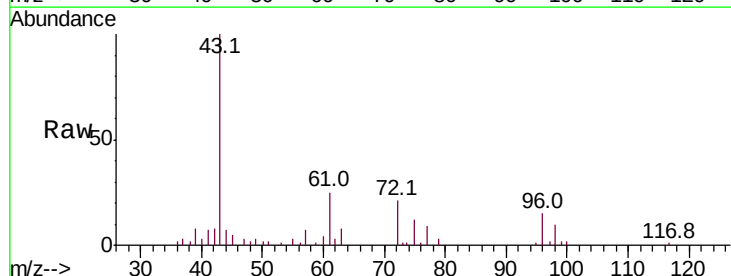
Acq: 28 Nov 2018 18:21

Tgt Ion: 43 Resp: 47325

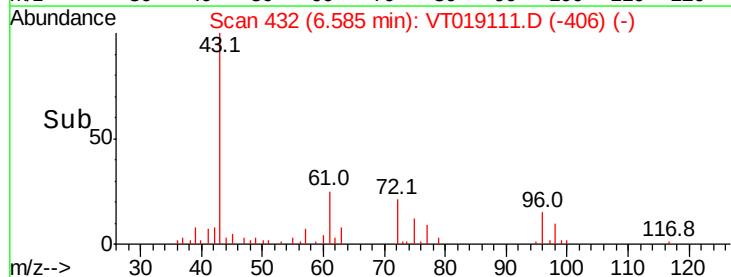
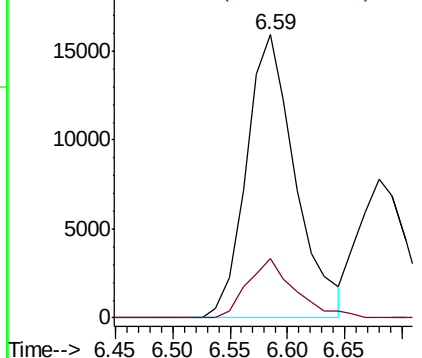
Ion Ratio Lower Upper

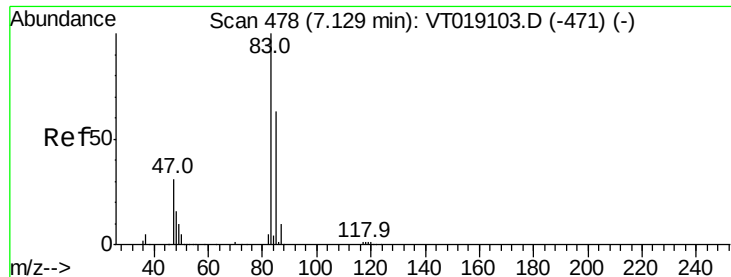
43 100

72 21.0 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: 2.632 ug/l

RT: 7.13 min Scan# 478

Delta R.T. 0.00 min

Lab File: VT019111.D

Acq: 28 Nov 2018 18:21

Instrument :

MSVOA_T

ClientSampled :

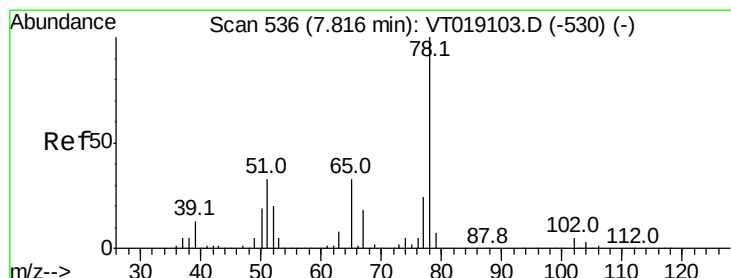
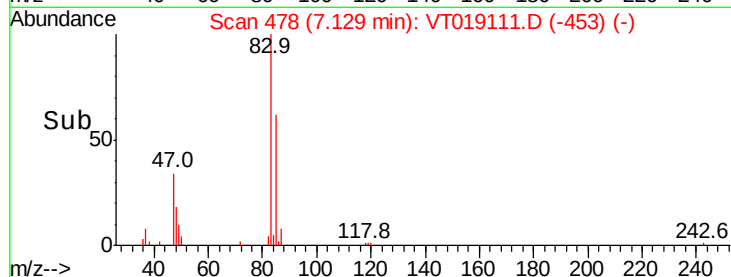
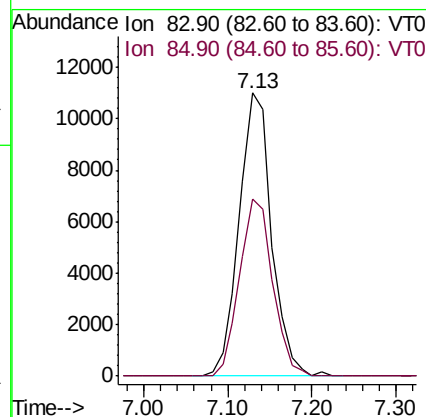
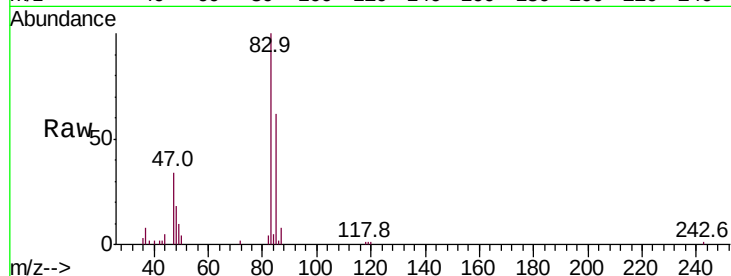
MDL3

Tot Ion: 83 Resp: 29603

Ion Ratio Lower Upper

83 100

85 62.4 50.4 75.6



#6

1,2-Dichloroethane-d4

Concen: 53.792 ug/l

RT: 7.82 min Scan# 536

Delta R.T. 0.00 min

Lab File: VT019111.D

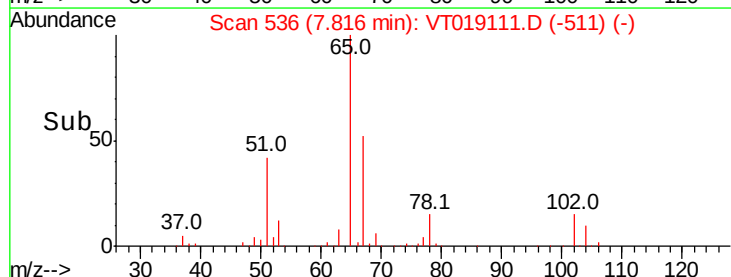
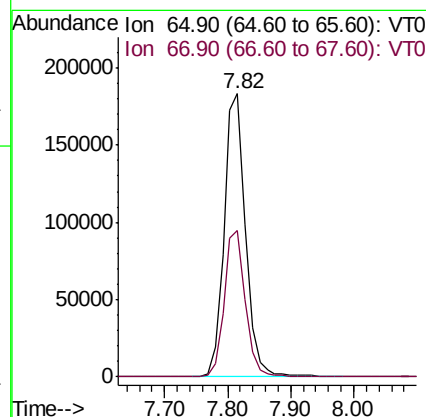
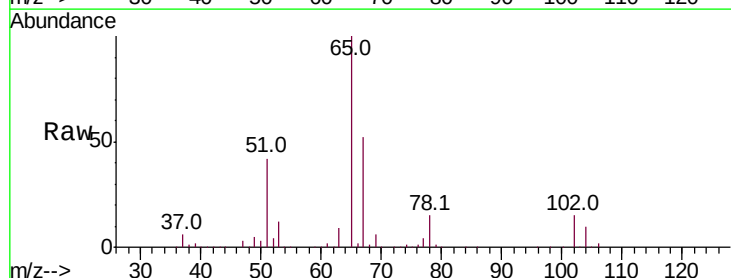
Acq: 28 Nov 2018 18:21

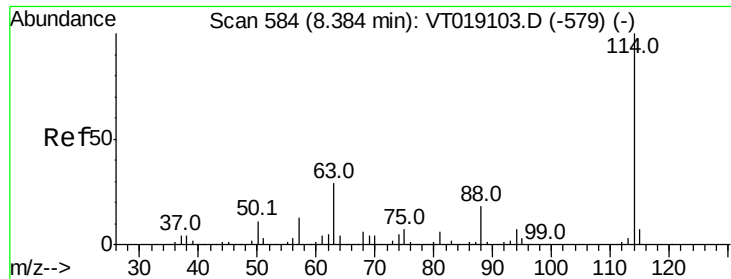
Tgt Ion: 65 Resp: 432802

Ion Ratio Lower Upper

65 100

67 51.5 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: VT019111.D

Acq: 28 Nov 2018 18:21

Instrument :

MSVOA_T

ClientSampled :

MDL3

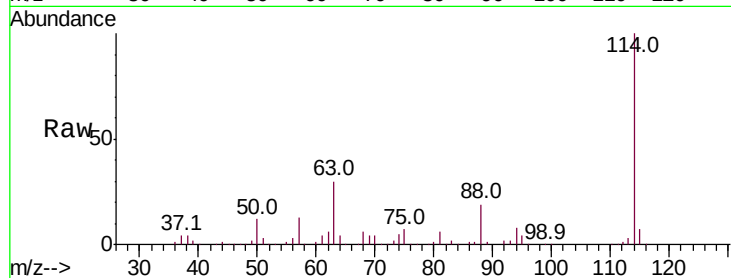
Tot Ion:114 Resp: 757574

Ion Ratio Lower Upper

114 100

63 29.9 0.0 57.4

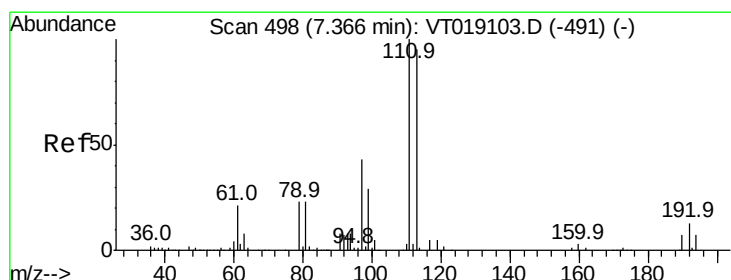
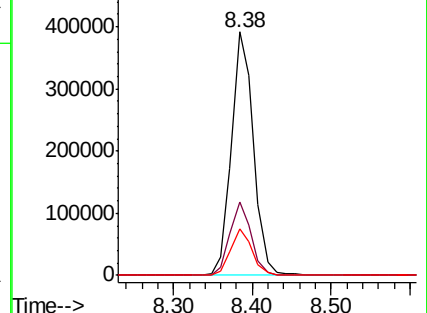
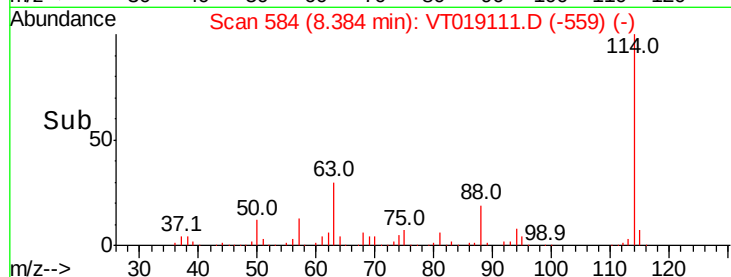
88 18.9 0.0 37.0



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: 50.705 ug/l

RT: 7.37 min Scan# 498

Delta R.T. 0.00 min

Lab File: VT019111.D

Acq: 28 Nov 2018 18:21

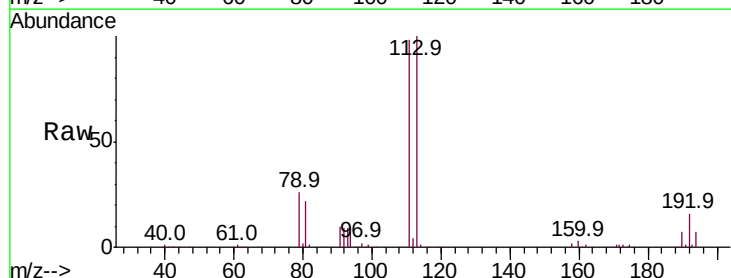
Tgt Ion:113 Resp: 247254

Ion Ratio Lower Upper

113 100

111 103.8 83.9 125.9

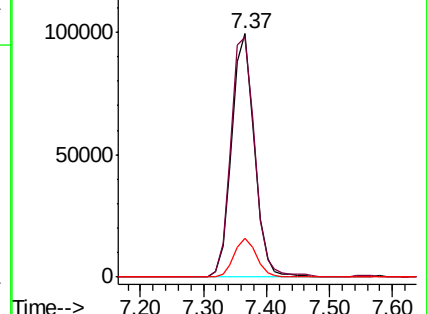
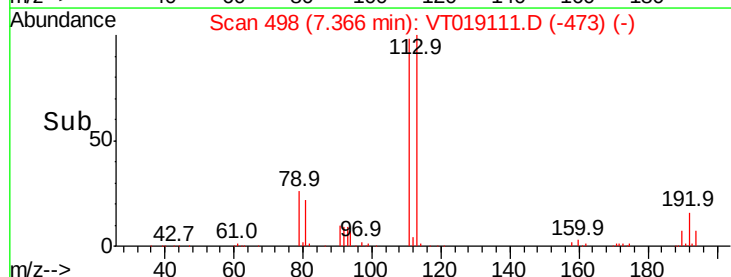
192 15.7 11.5 17.3

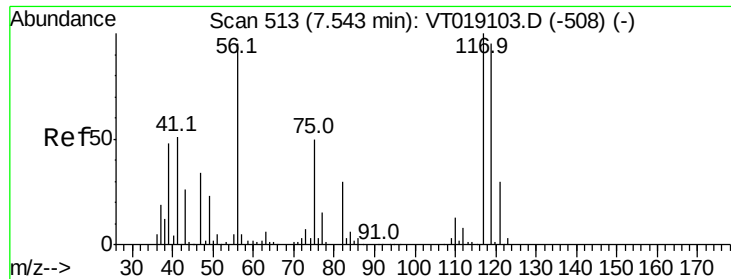


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

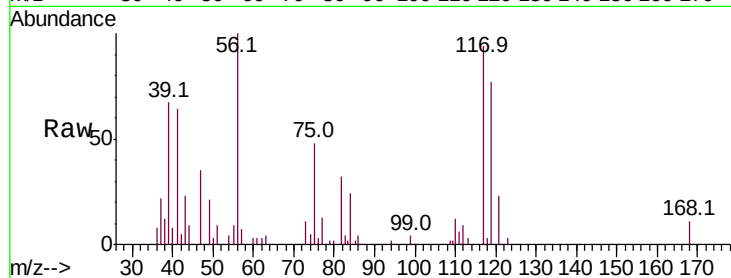




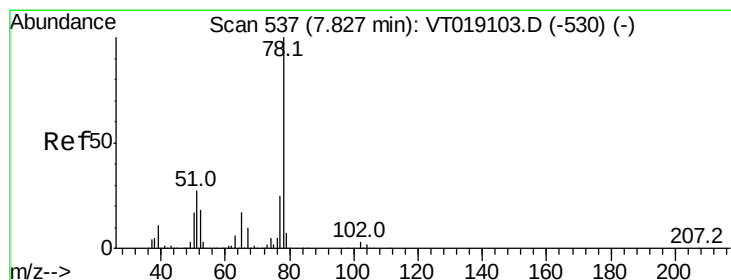
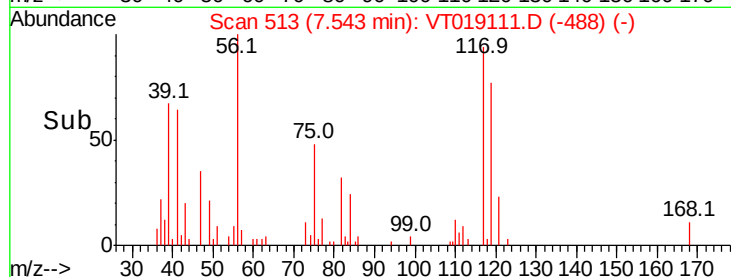
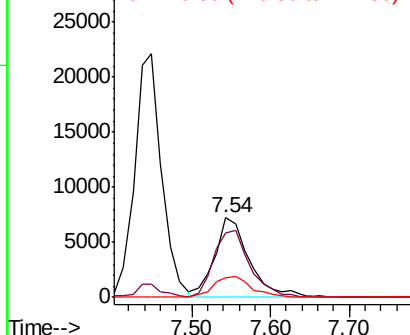
#9
Carbon Tetrachloride
Concen: 2.719 ug/l
RT: 7.54 min Scan# 513
Delta R.T. 0.00 min
Lab File: VT019111.D
Acq: 28 Nov 2018 18:21

Instrument :
MSVOA_T
ClientSampled :
MDL3

Tot Ion:117 Resp: 22086
Ion Ratio Lower Upper
117 100
119 82.1 75.0 112.6
121 24.0 23.5 35.3

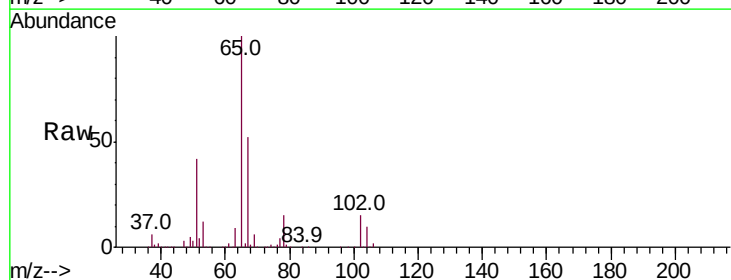


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

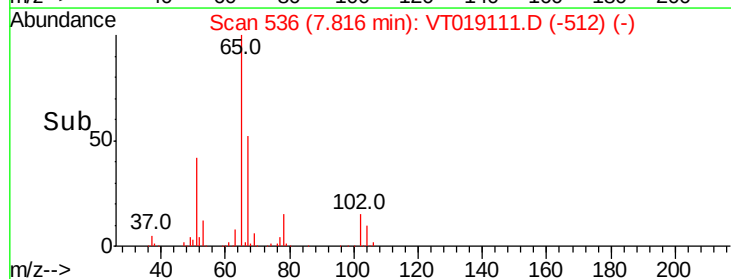
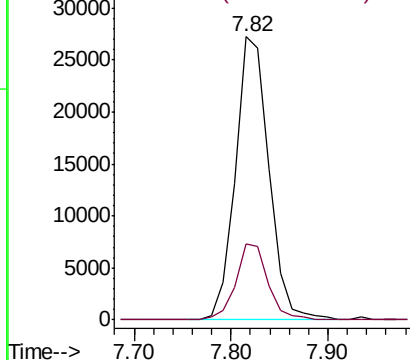


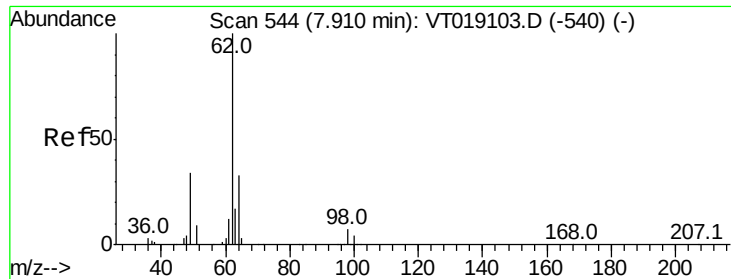
#10
Benzene
Concen: 2.469 ug/l
RT: 7.82 min Scan# 536
Delta R.T. -0.01 min
Lab File: VT019111.D
Acq: 28 Nov 2018 18:21

Tgt Ion: 78 Resp: 65256
Ion Ratio Lower Upper
78 100
77 26.7 19.7 29.5



Abundance Ion 78.00 (77.70 to 78.70): VT0
Ion 77.00 (76.70 to 77.70): VT0

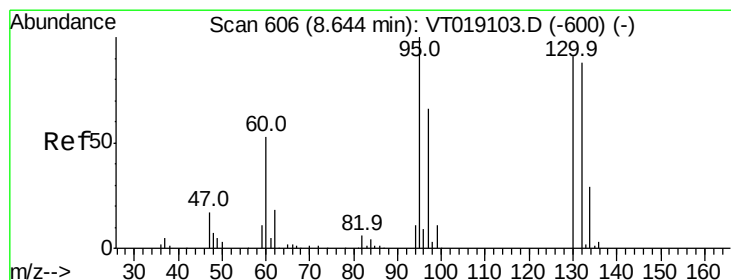
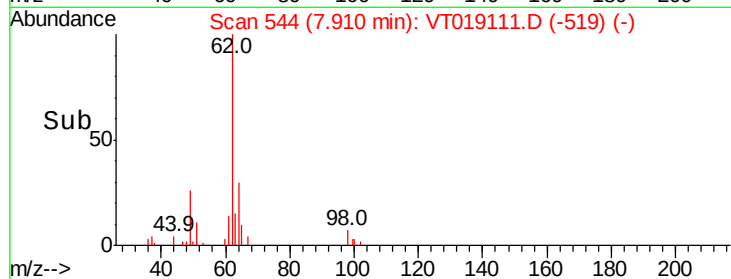
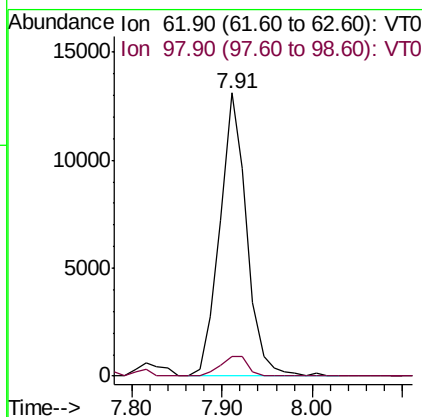
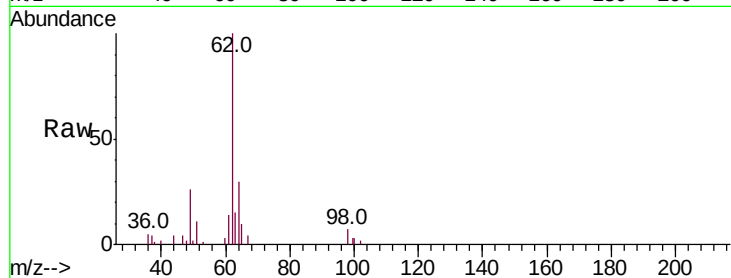




#11
 1,2-Dichloroethane
 Concen: 2.805 ug/l
 RT: 7.91 min Scan# 544
 Delta R.T. 0.00 min
 Lab File: VT019111.D
 Acq: 28 Nov 2018 18:21

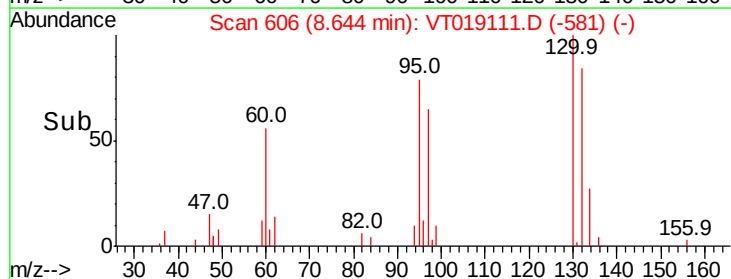
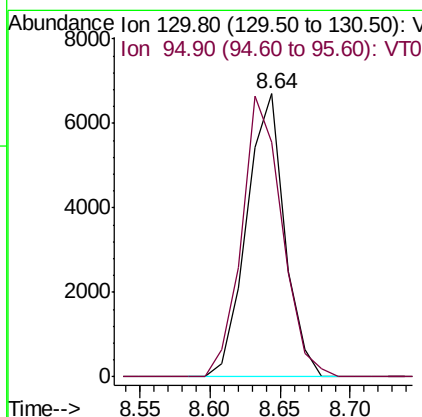
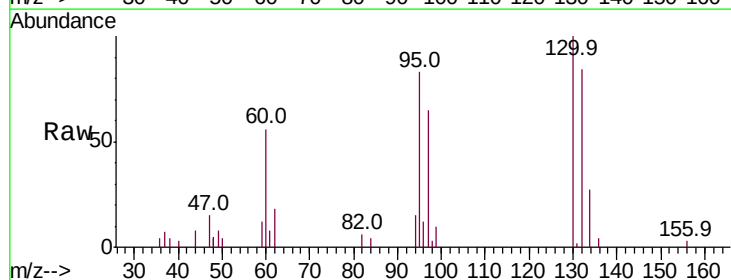
Instrument :
 MSVOA_T
 ClientSampled :
 MDL3

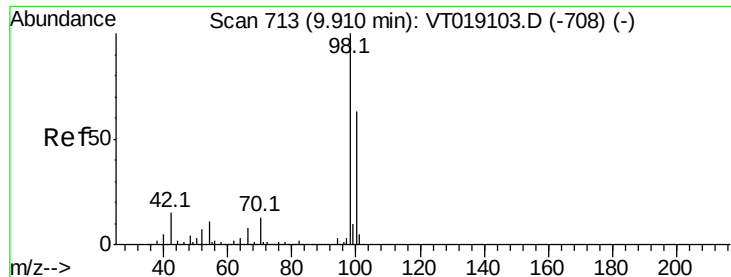
Tot Ion: 62 Resp: 27075
 Ion Ratio Lower Upper
 62 100
 98 7.2 0.0 14.6



#12
 Trichloroethene
 Concen: 2.430 ug/l
 RT: 8.64 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: VT019111.D
 Acq: 28 Nov 2018 18:21

Tgt Ion:130 Resp: 12569
 Ion Ratio Lower Upper
 130 100
 95 82.8 0.0 218.8

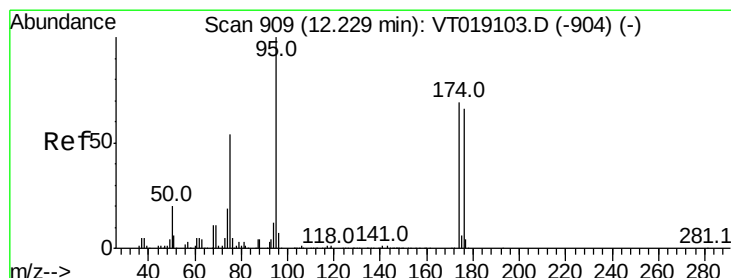
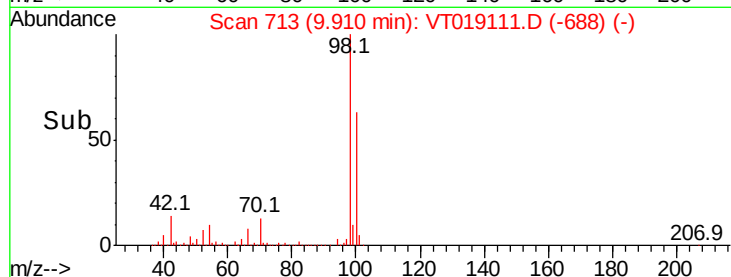
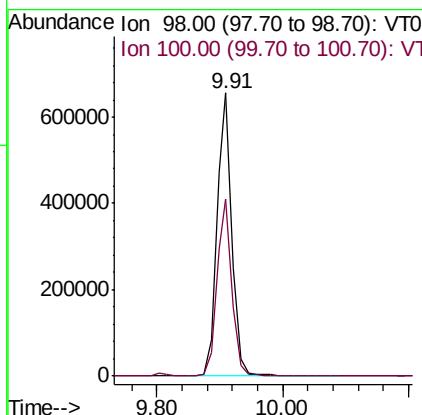
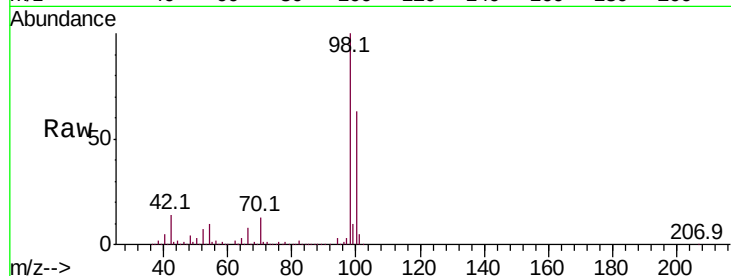




#13
Toluene-d8
Concen: 51.077 ug/l
RT: 9.91 min Scan# 713
Delta R.T. 0.00 min
Lab File: VT019111.D
Acq: 28 Nov 2018 18:21

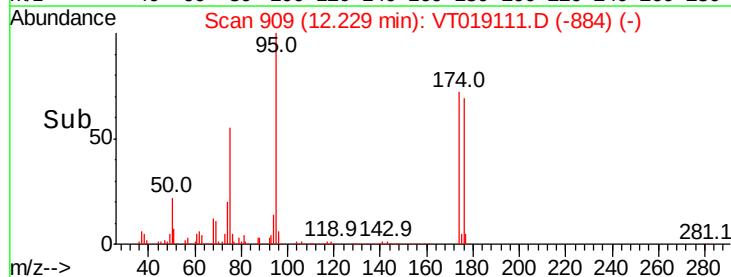
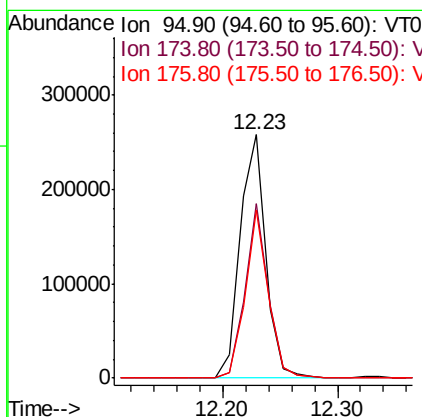
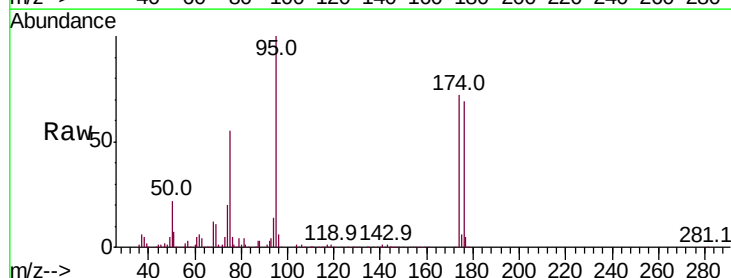
Instrument :
MSVOA_T
ClientSampleId :
MDL3

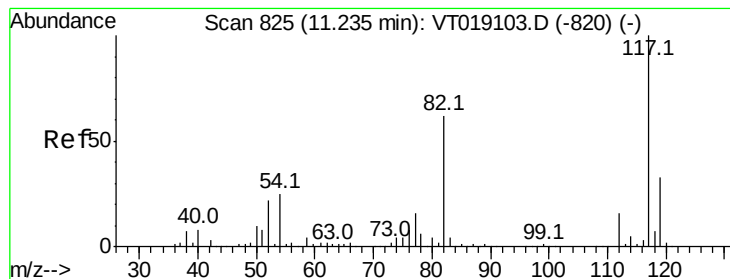
Tot Ion: 98 Resp: 1090598
Ion Ratio Lower Upper
98 100
100 62.5 50.2 75.2



#14
4-Bromofluorobenzene
Concen: 50.077 ug/l
RT: 12.23 min Scan# 909
Delta R.T. 0.00 min
Lab File: VT019111.D
Acq: 28 Nov 2018 18:21

Tgt Ion: 95 Resp: 402052
Ion Ratio Lower Upper
95 100
174 64.4 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: VT019111.D

Acq: 28 Nov 2018 18:21

Instrument :

MSVOA_T

ClientSampled :

MDL3

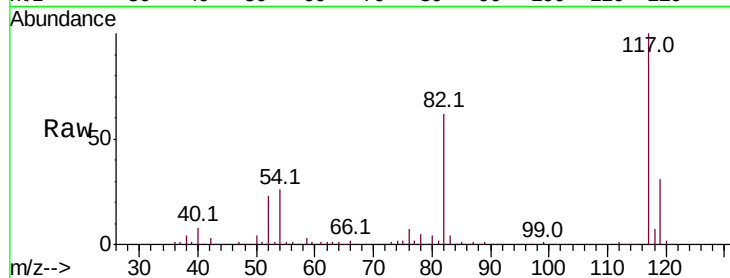
Tot Ion:117 Resp: 712772

Ion Ratio Lower Upper

117 100

82 61.7 49.7 74.5

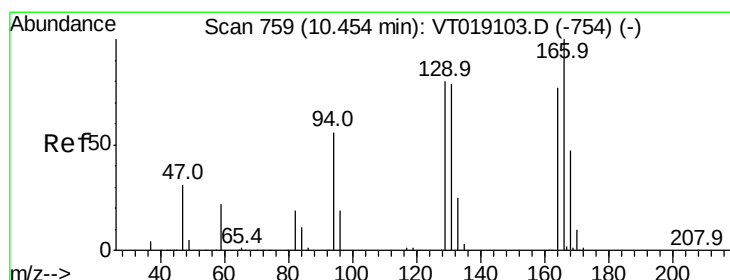
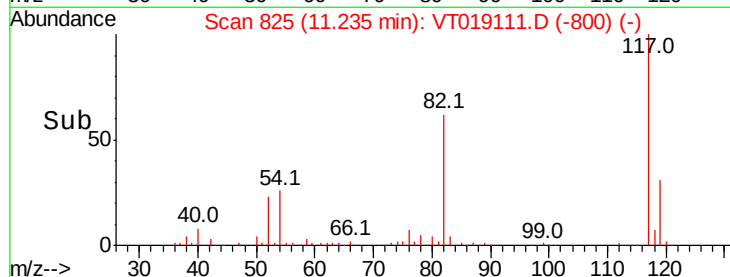
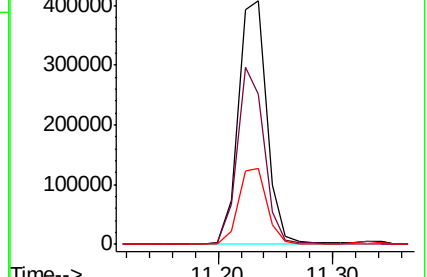
119 31.2 26.3 39.5



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: 2.579 ug/l

RT: 10.45 min Scan# 759

Delta R.T. 0.00 min

Lab File: VT019111.D

Acq: 28 Nov 2018 18:21

Tgt Ion:164 Resp: 10240

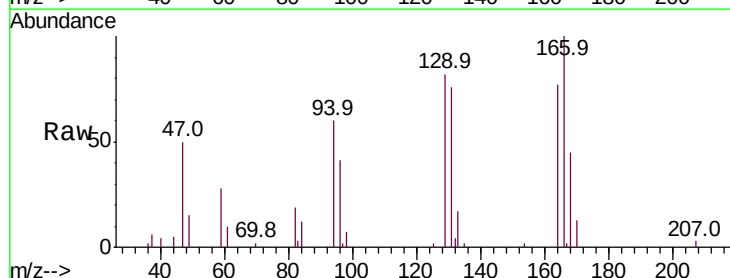
Ion Ratio Lower Upper

164 100

166 130.2 103.6 155.4

129 106.3 82.9 124.3

131 98.4 81.7 122.5

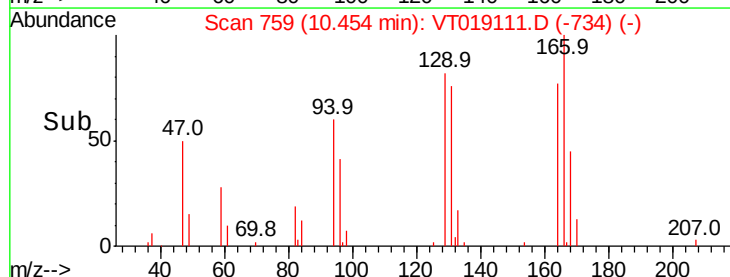
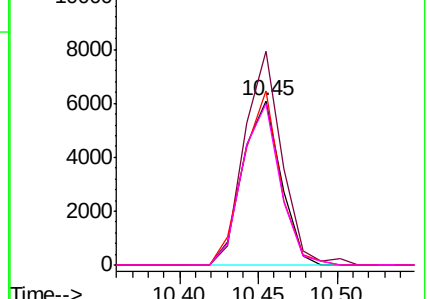


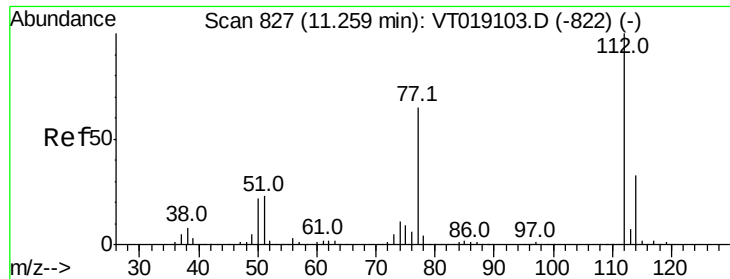
Abundance Ion 163.80 (163.50 to 164.50): V

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

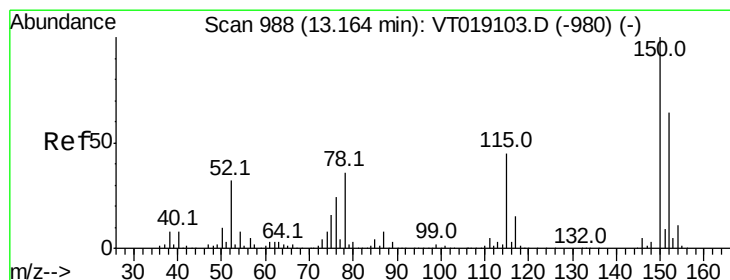
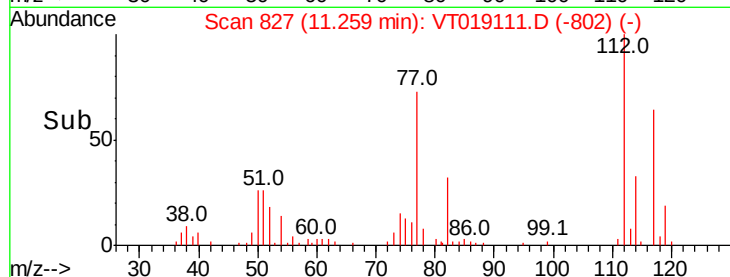
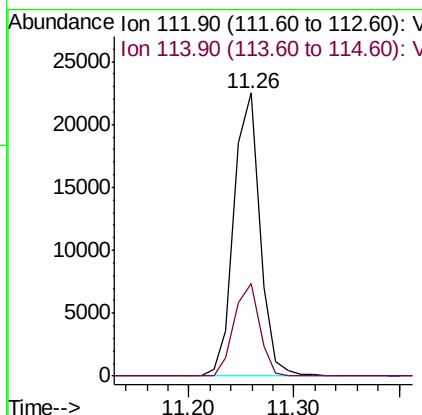
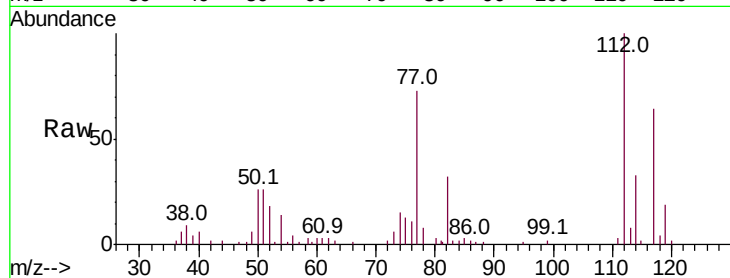




#17
Chlorobenzene
Concen: 2.379 ug/l
RT: 11.26 min Scan# 827
Delta R.T. 0.00 min
Lab File: VT019111.D
Acq: 28 Nov 2018 18:21

Instrument :
MSVOA_T
ClientSampled :
MDL3

Tot Ion:112 Resp: 38456
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: VT019111.D
Acq: 28 Nov 2018 18:21

Tgt Ion:152 Resp: 352844
Ion Ratio Lower Upper
152 100
115 68.0 33.0 99.0
150 155.0 0.0 343.6

