

Data File : VT019113.D
Acq On : 28 Nov 2018 19:20
Operator : SY/MD
Sample : MDL5
Misc : 5.0mL/MSVOA_T/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_T
ClientSampleId :
MDL5

Quant Time: Nov 29 06:33:36 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	265254	50.00	ug/l	0.00
7) 1,4-Difluorobenzene	8.38	114	551516	50.00	ug/l	0.00
15) Chlorobenzene-d5	11.24	117	513942	50.00	ug/l	0.00
18) 1,4-Dichlorobenzene-d4	13.16	152	242001	50.00	ug/l	0.00

System Monitoring Compounds

6) 1,2-Dichloroethane-d4	7.82	65	336084	64.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	129.00%	
8) Dibromofluoromethane	7.37	113	184047	51.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.68%	
13) Toluene-d8	9.91	98	835513	53.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.50%	
14) 4-Bromofluorobenzene	12.23	95	299543	51.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.50%	

Target Compounds

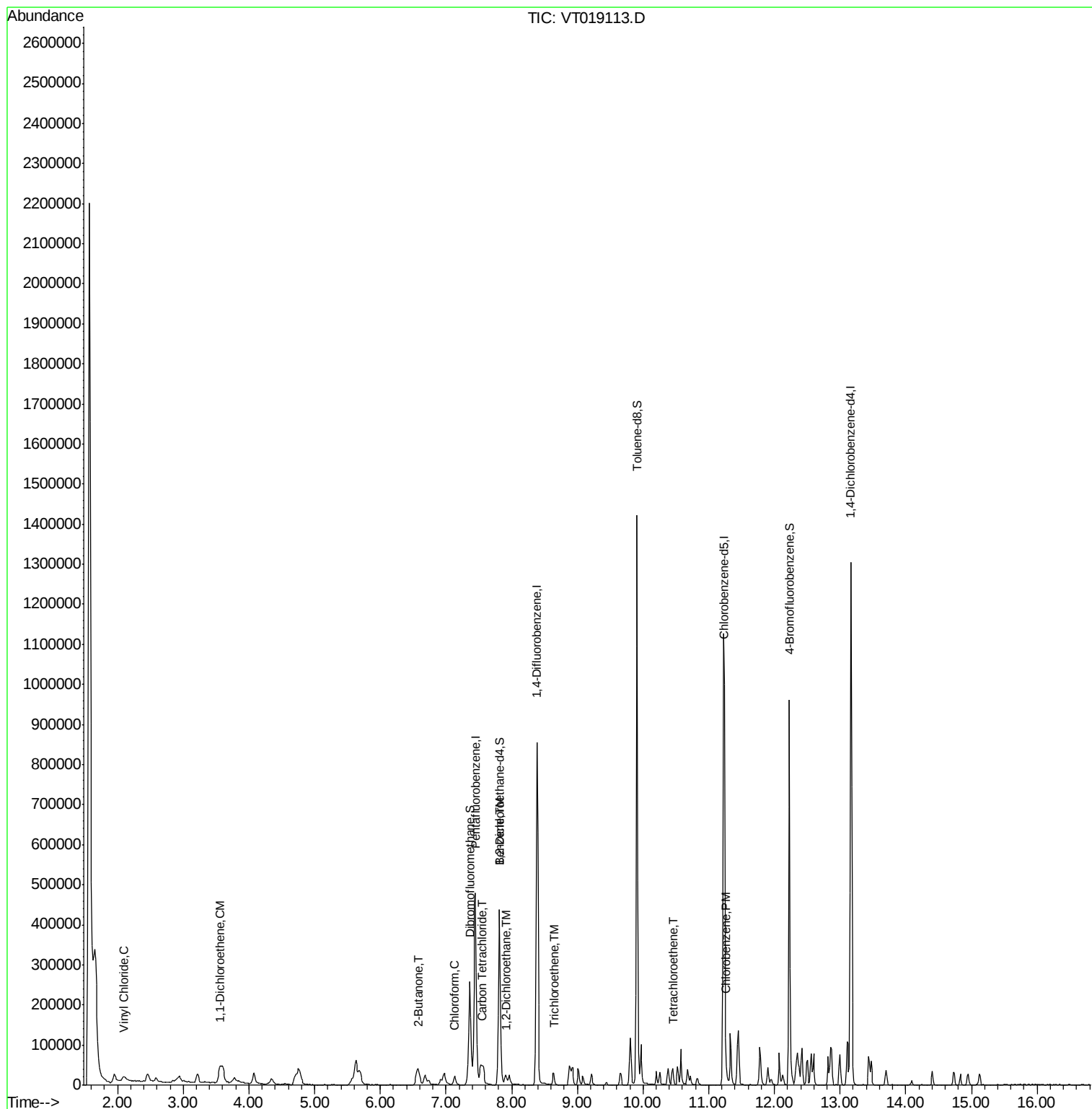
						Qvalue
2) Vinyl Chloride	2.10	62	26625	3.292	ug/l	96
3) 1,1-Dichloroethene	3.56	96	20655	3.713	ug/l	84
4) 2-Butanone	6.59	43	35145	14.112	ug/l	93
5) Chloroform	7.13	83	22057	3.028	ug/l	94
9) Carbon Tetrachloride	7.54	117	15841	2.679	ug/l	99
10) Benzene	7.82	78	52296	2.718	ug/l	97
11) 1,2-Dichloroethane	7.91	62	21933	3.122	ug/l	94
12) Trichloroethene	8.64	130	8061	2.141	ug/l	82
16) Tetrachloroethene	10.45	164	7026	2.454	ug/l	86
17) Chlorobenzene	11.26	112	27901	2.393	ug/l	98

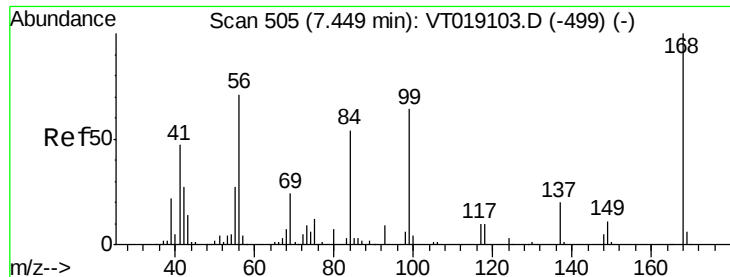
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VT019113.D

Acq: 28 Nov 2018 19:20

Instrument :

MSVOA_T

ClientSampleId :

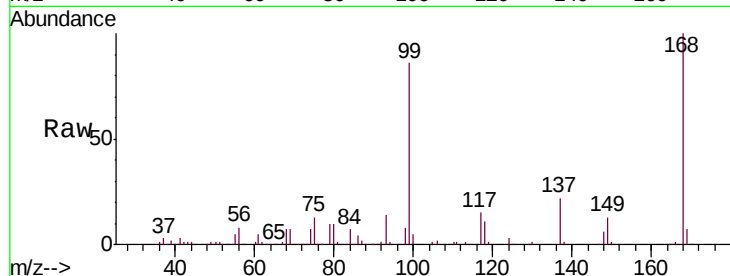
MDL5

Tgt Ion: 168 Resp: 265254

Ion Ratio Lower Upper

168 100

99 85.9 59.5 89.3



Abundance Ion 167.90 (167.60 to 168.60): VT0

Ion 98.90 (98.60 to 99.60): VT0

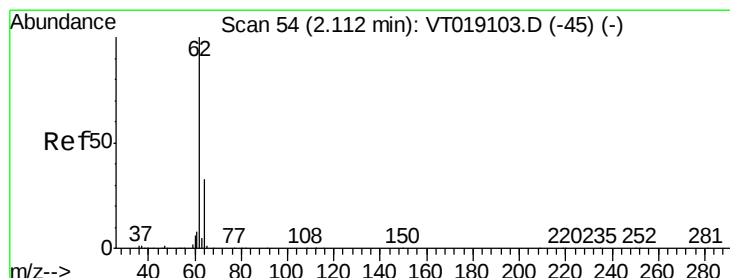
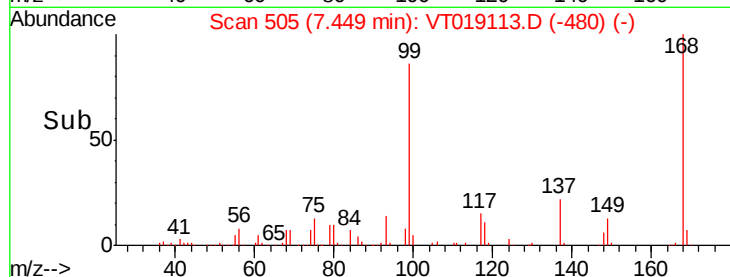
7.45

100000

50000

0

Time-->



#2

Vinyl Chloride

Concen: 3.292 ug/l

RT: 2.10 min Scan# 53

Delta R.T. -0.01 min

Lab File: VT019113.D

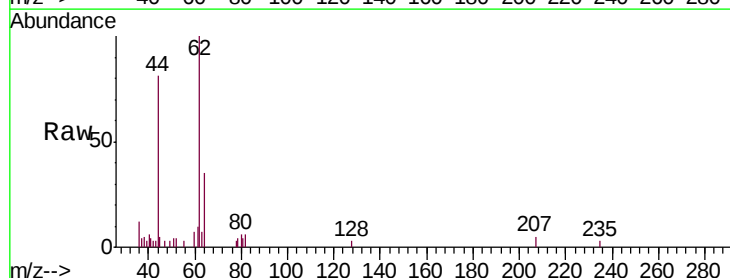
Acq: 28 Nov 2018 19:20

Tgt Ion: 62 Resp: 26625

Ion Ratio Lower Upper

62 100

64 35.0 26.1 39.1



Abundance Ion 61.90 (61.60 to 62.60): VT0

Ion 63.90 (63.60 to 64.60): VT0

2.10

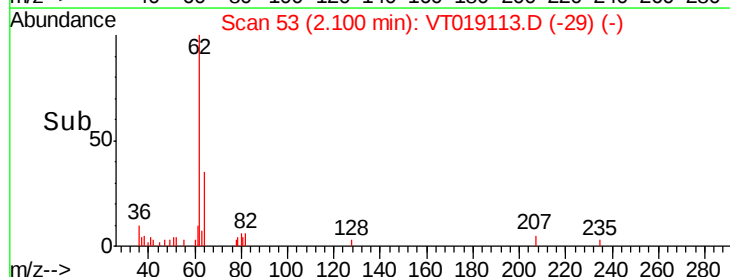
6000

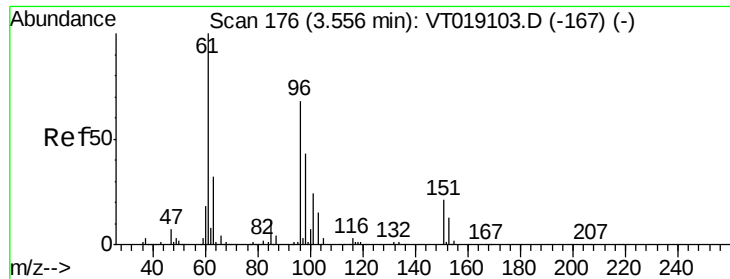
4000

2000

0

Time-->

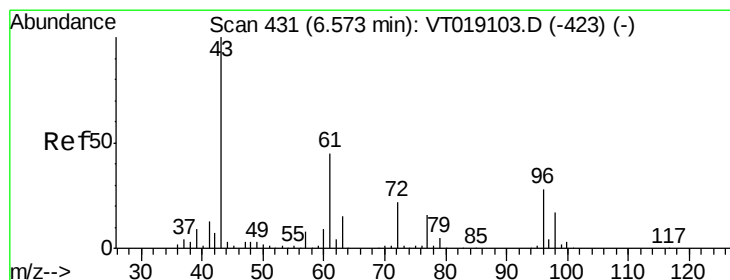
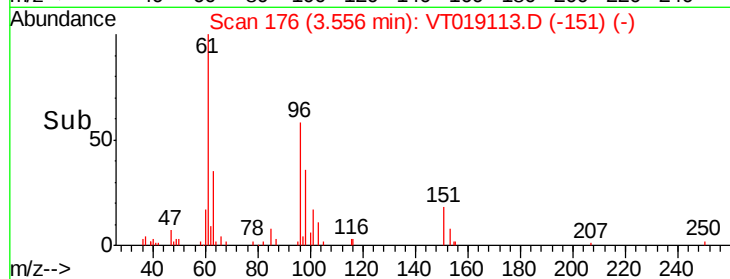
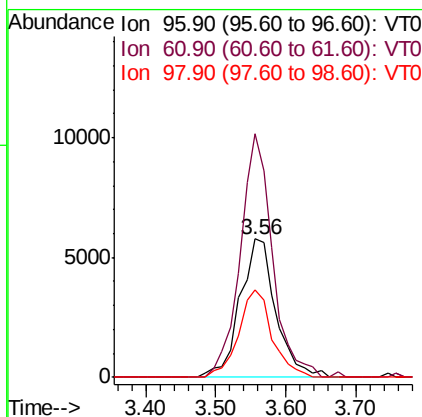
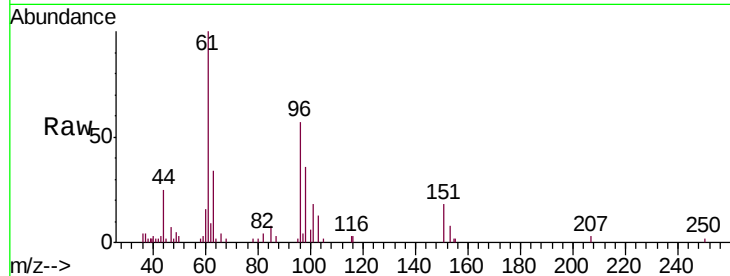




#3
 1,1-Dichloroethene
 Concen: 3.713 ug/l
 RT: 3.56 min Scan# 176
 Delta R.T. 0.00 min
 Lab File: VT019113.D
 Acq: 28 Nov 2018 19:20

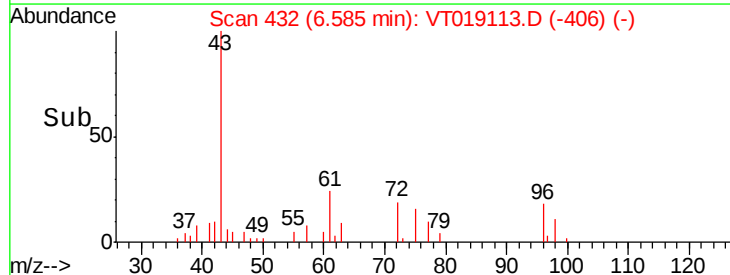
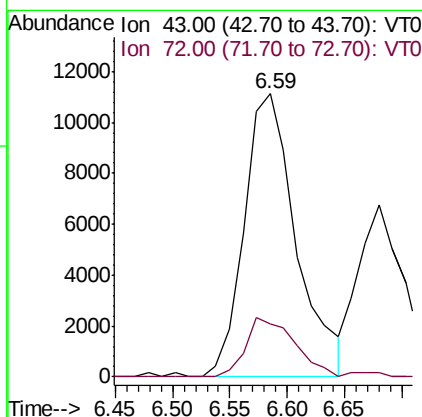
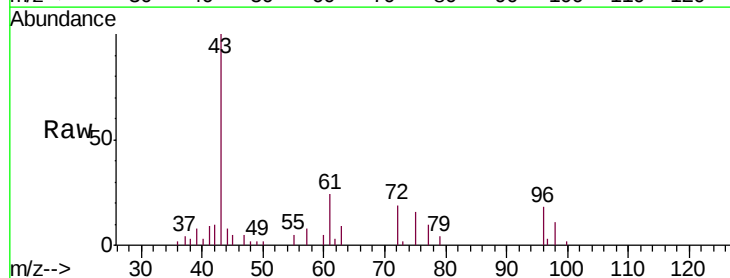
Instrument :
 MSVOA_T
 ClientSampled :
 MDL5

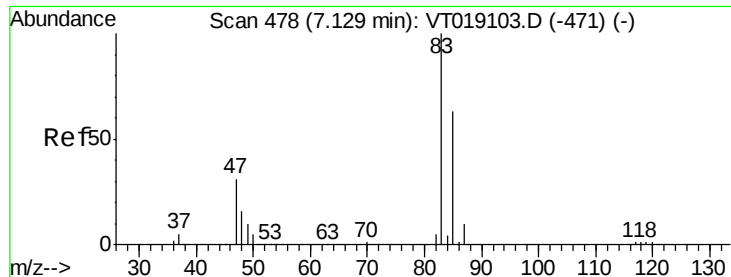
Tgt Ion: 96 Resp: 20655
 Ion Ratio Lower Upper
 96 100
 61 175.9 117.8 176.8
 98 62.8 51.0 76.6



#4
 2-Butanone
 Concen: 14.112 ug/l
 RT: 6.59 min Scan# 432
 Delta R.T. 0.01 min
 Lab File: VT019113.D
 Acq: 28 Nov 2018 19:20

Tgt Ion: 43 Resp: 35145
 Ion Ratio Lower Upper
 43 100
 72 18.8 17.8 26.6





#5

Chloroform

Concen: 3.028 ug/l

RT: 7.13 min Scan# 478

Delta R.T. 0.00 min

Lab File: VT019113.D

Acq: 28 Nov 2018 19:20

Instrument :

MSVOA_T

ClientSampled :

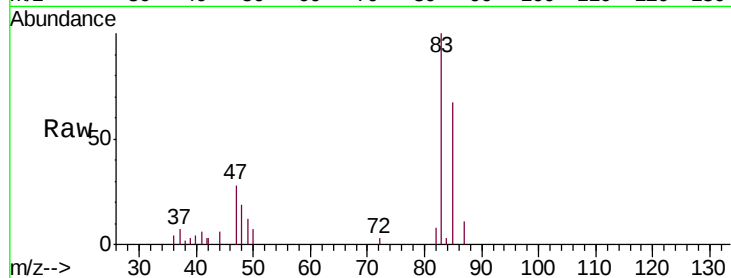
MDL5

Tgt Ion: 83 Resp: 22057

Ion Ratio Lower Upper

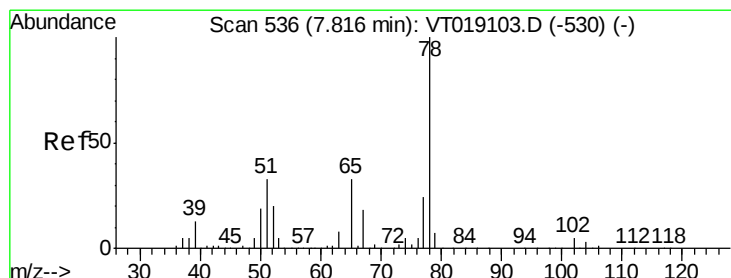
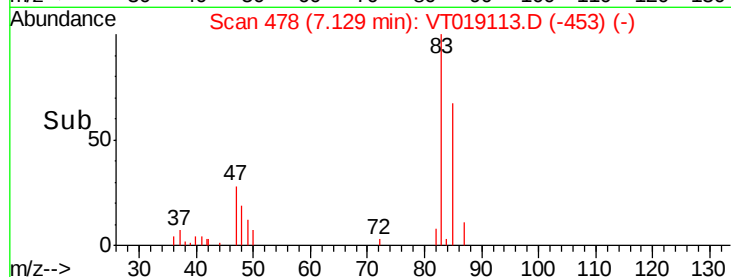
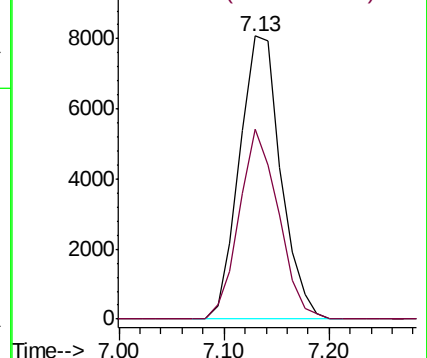
83 100

85 67.3 50.4 75.6



Abundance Ion 82.90 (82.60 to 83.60): VT0

Ion 84.90 (84.60 to 85.60): VT0



#6

1,2-Dichloroethane-d4

Concen: 64.496 ug/l

RT: 7.82 min Scan# 536

Delta R.T. 0.00 min

Lab File: VT019113.D

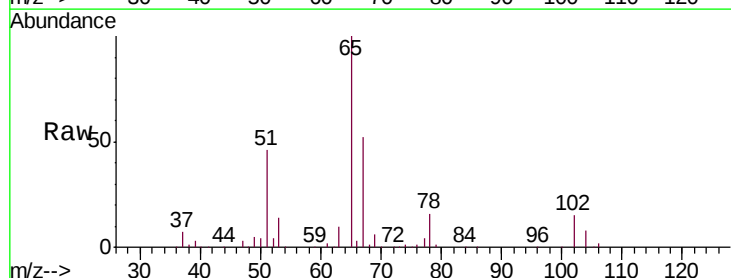
Acq: 28 Nov 2018 19:20

Tgt Ion: 65 Resp: 336084

Ion Ratio Lower Upper

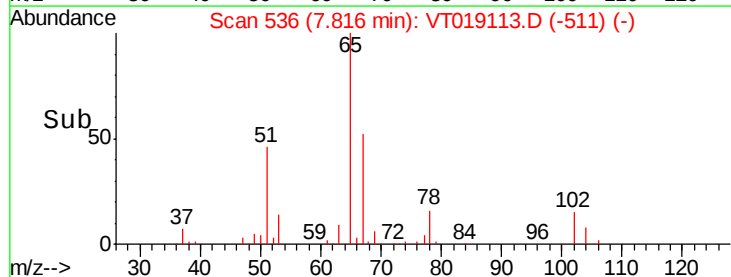
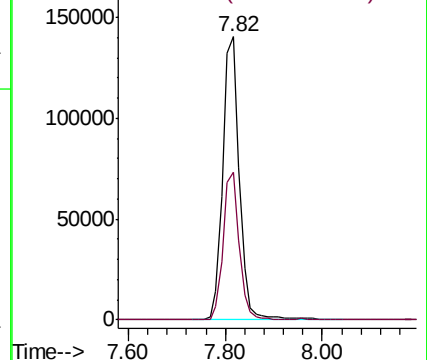
65 100

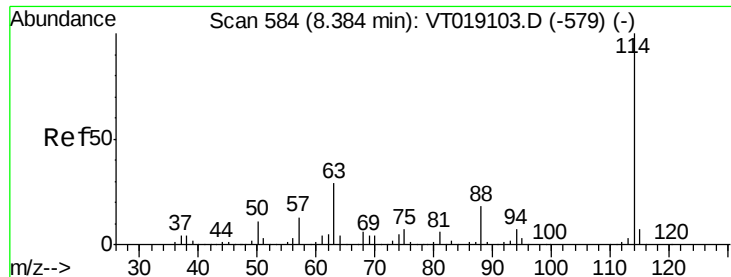
67 50.3 0.0 108.0



Abundance Ion 64.90 (64.60 to 65.60): VT0

Ion 66.90 (66.60 to 67.60): VT0





#7

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.38 min Scan# 584

Delta R.T. 0.00 min

Lab File: VT019113.D

Acq: 28 Nov 2018 19:20

Instrument :

MSVOA_T

ClientSampleId :

MDL5

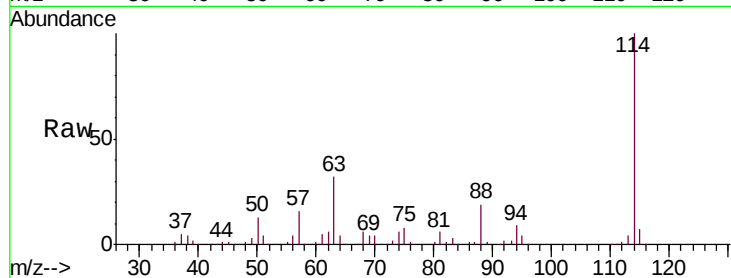
Tgt Ion:114 Resp: 551516

Ion Ratio Lower Upper

114 100

63 31.9 0.0 57.4

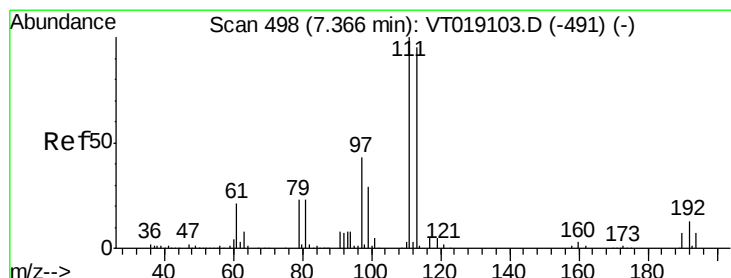
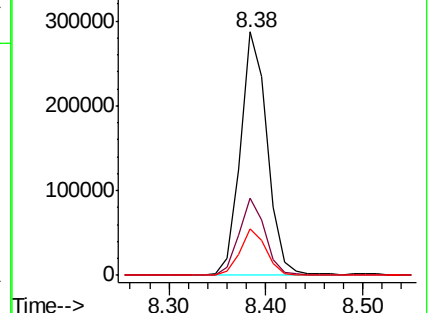
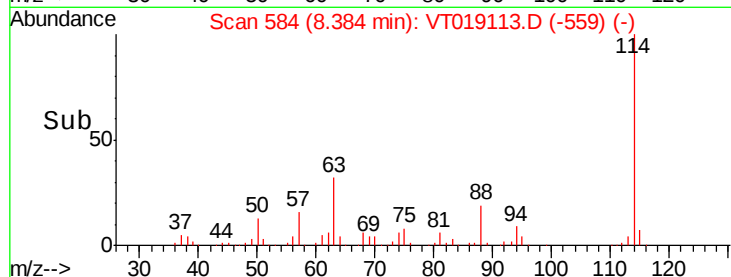
88 19.3 0.0 37.0



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: 51.845 ug/l

RT: 7.37 min Scan# 498

Delta R.T. 0.00 min

Lab File: VT019113.D

Acq: 28 Nov 2018 19:20

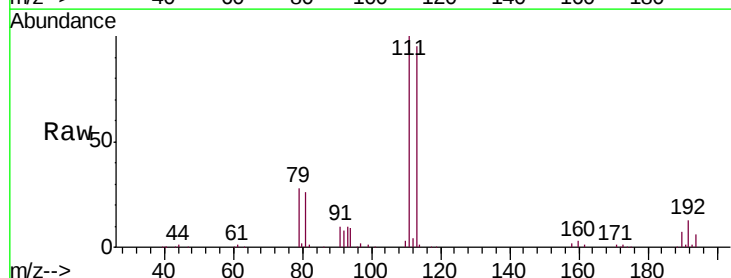
Tgt Ion:113 Resp: 184047

Ion Ratio Lower Upper

113 100

111 104.0 83.9 125.9

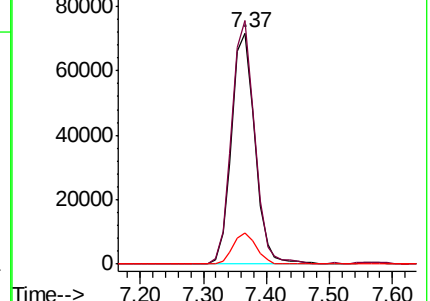
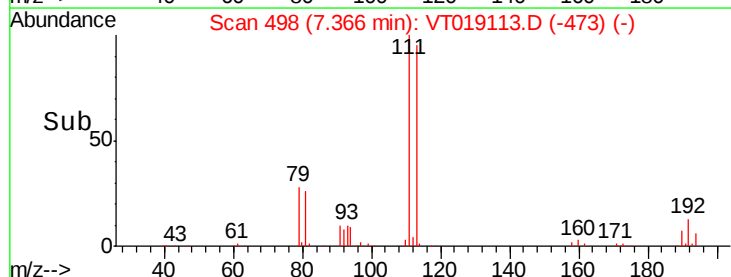
192 13.3 11.5 17.3

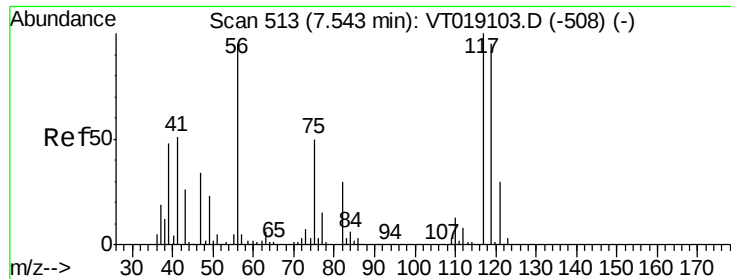


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

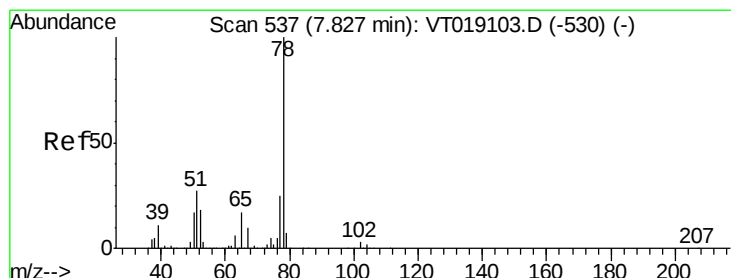
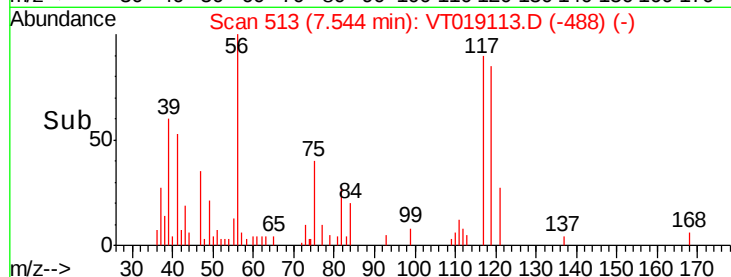
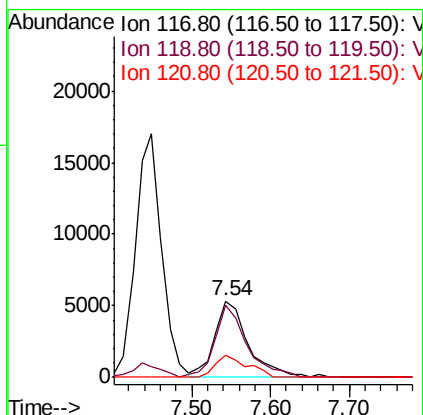
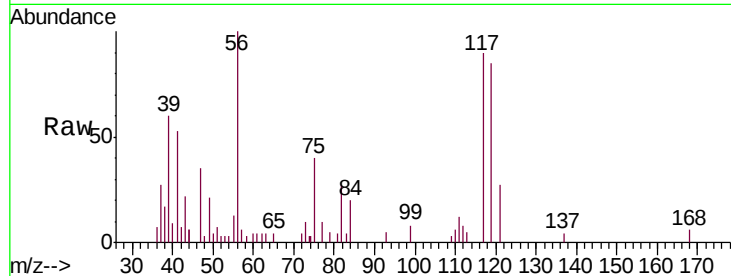




#9
Carbon Tetrachloride
Concen: 2.679 ug/l
RT: 7.54 min Scan# 513
Delta R.T. 0.00 min
Lab File: VT019113.D
Acq: 28 Nov 2018 19:20

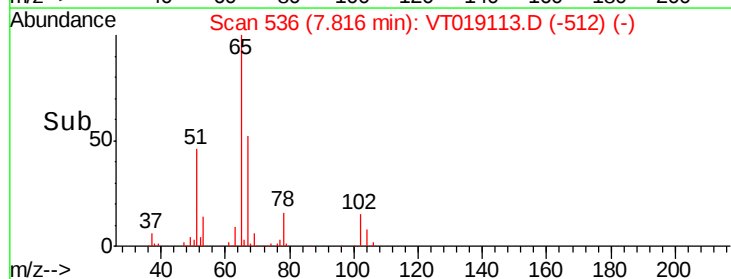
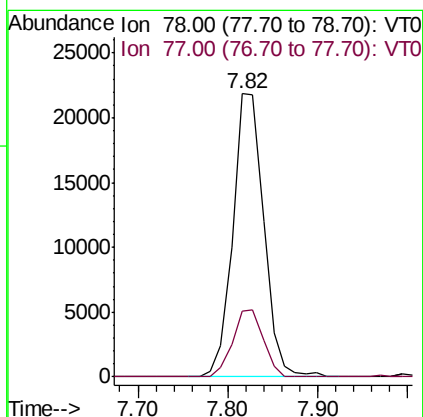
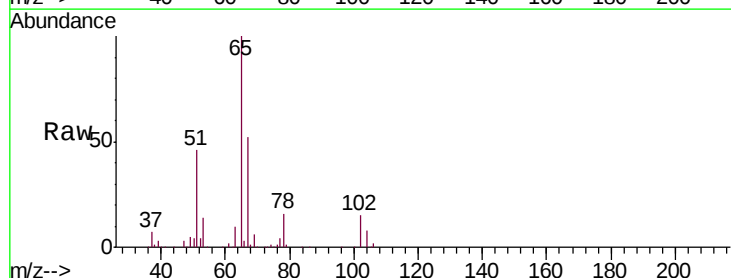
Instrument :
MSVOA_T
ClientSampleId :
MDL5

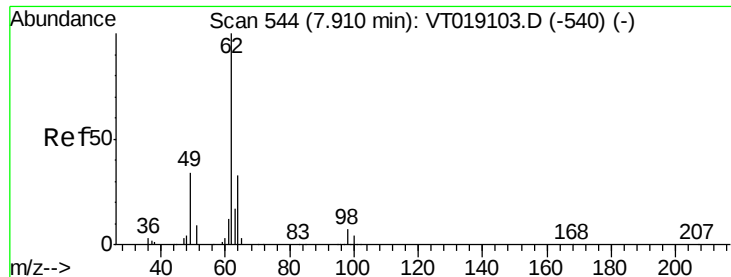
Tgt Ion:117 Resp: 15841
Ion Ratio Lower Upper
117 100
119 94.5 75.0 112.6
121 29.5 23.5 35.3



#10
Benzene
Concen: 2.718 ug/l
RT: 7.82 min Scan# 536
Delta R.T. -0.01 min
Lab File: VT019113.D
Acq: 28 Nov 2018 19:20

Tgt Ion: 78 Resp: 52296
Ion Ratio Lower Upper
78 100
77 23.3 19.7 29.5

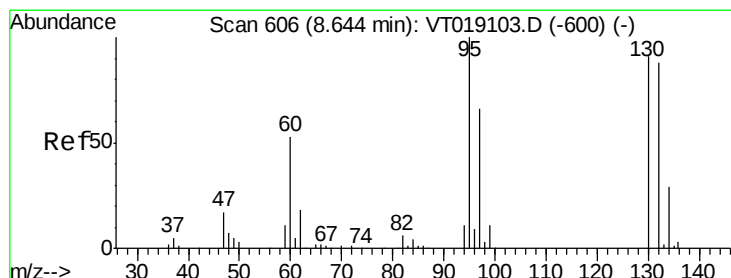
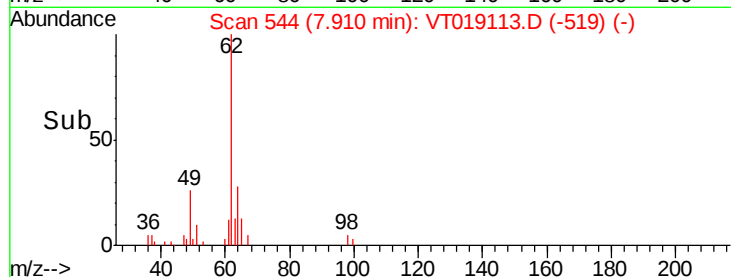
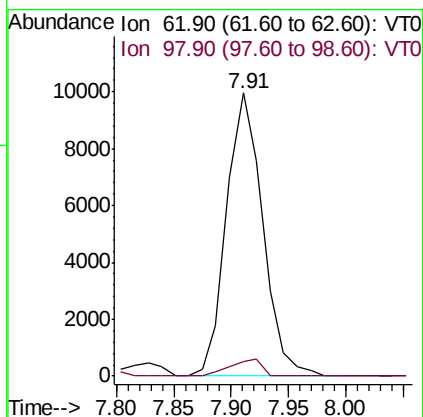
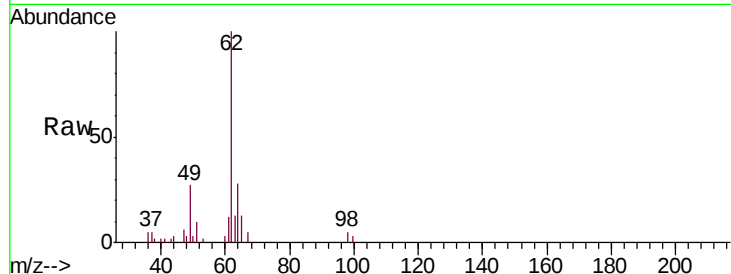




#11
 1,2-Dichloroethane
 Concen: 3.122 ug/l
 RT: 7.91 min Scan# 544
 Delta R.T. 0.00 min
 Lab File: VT019113.D
 Acq: 28 Nov 2018 19:20

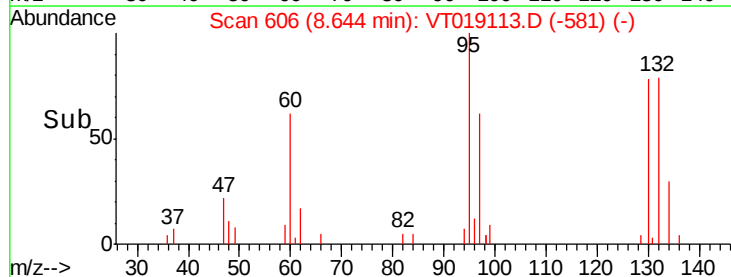
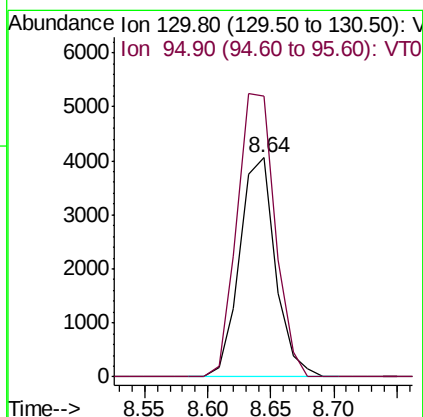
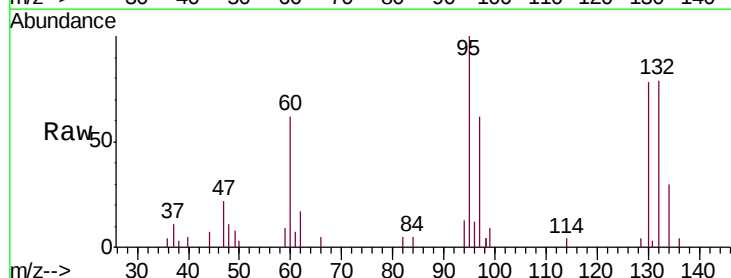
Instrument :
 MSVOA_T
 ClientSampled :
 MDL5

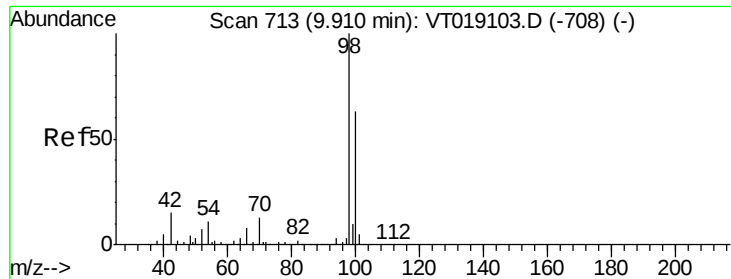
Tgt Ion: 62 Resp: 21933
 Ion Ratio Lower Upper
 62 100
 98 5.2 0.0 14.6



#12
 Trichloroethene
 Concen: 2.141 ug/l
 RT: 8.64 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: VT019113.D
 Acq: 28 Nov 2018 19:20

Tgt Ion: 130 Resp: 8061
 Ion Ratio Lower Upper
 130 100
 95 128.1 0.0 218.8

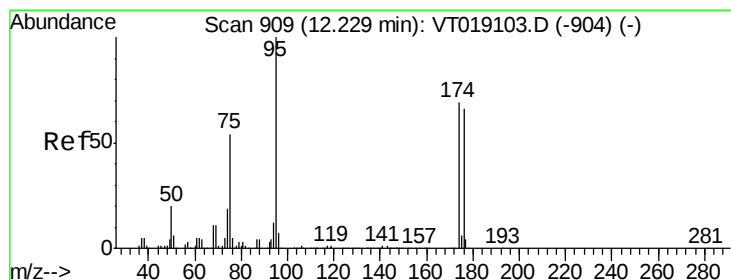
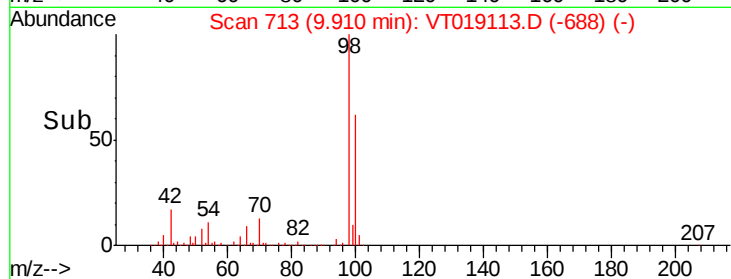
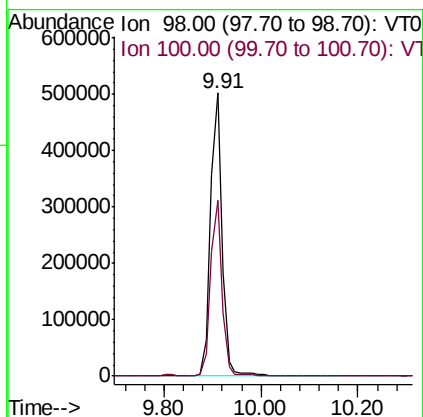
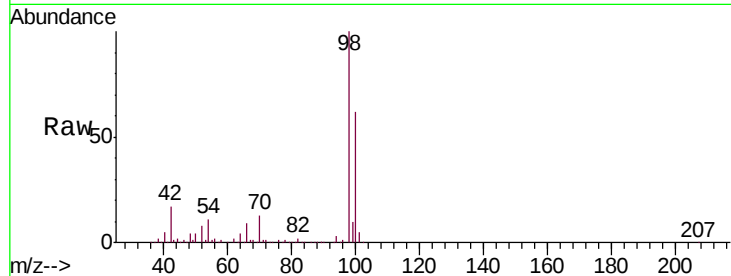




#13
Toluene-d8
Concen: 53.750 ug/l
RT: 9.91 min Scan# 713
Delta R.T. 0.00 min
Lab File: VT019113.D
Acq: 28 Nov 2018 19:20

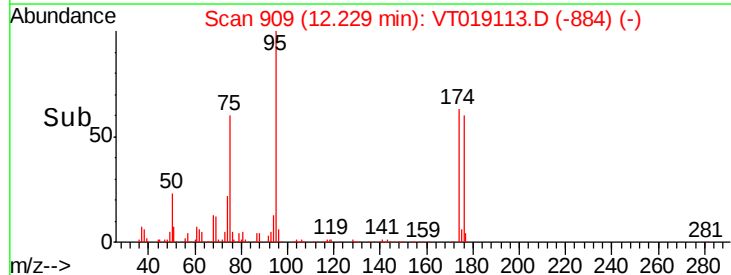
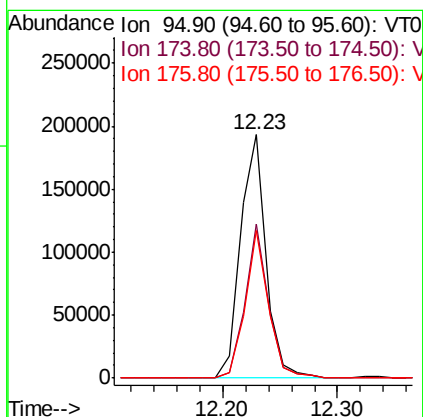
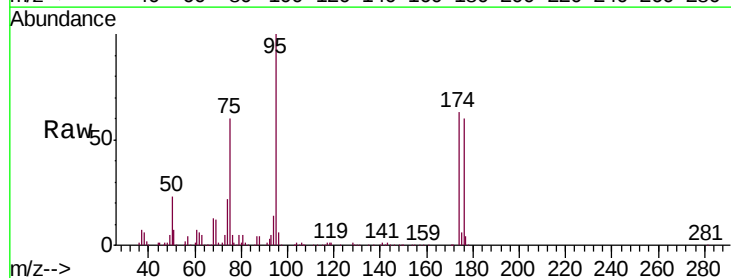
Instrument :
MSVOA_T
ClientSampleId :
MDL5

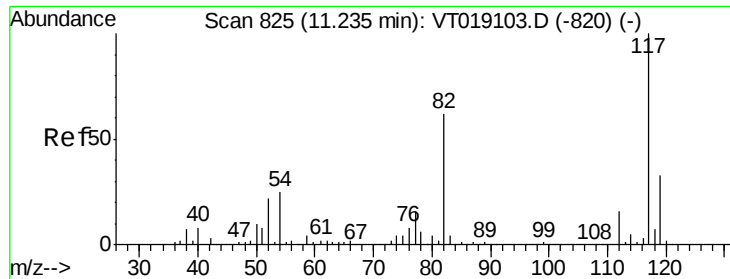
Tgt Ion: 98 Resp: 835513
Ion Ratio Lower Upper
98 100
100 61.6 50.2 75.2



#14
4-Bromofluorobenzene
Concen: 51.249 ug/l
RT: 12.23 min Scan# 909
Delta R.T. 0.00 min
Lab File: VT019113.D
Acq: 28 Nov 2018 19:20

Tgt Ion: 95 Resp: 299543
Ion Ratio Lower Upper
95 100
174 57.8 0.0 123.2
176 55.2 0.0 118.8

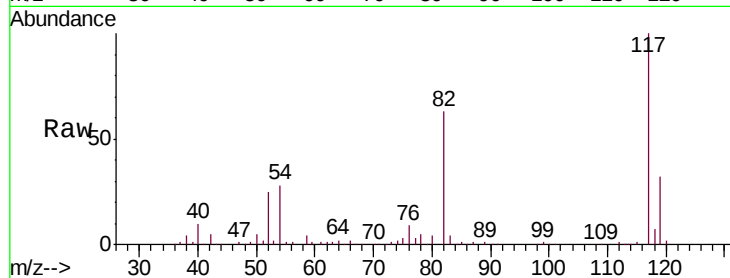




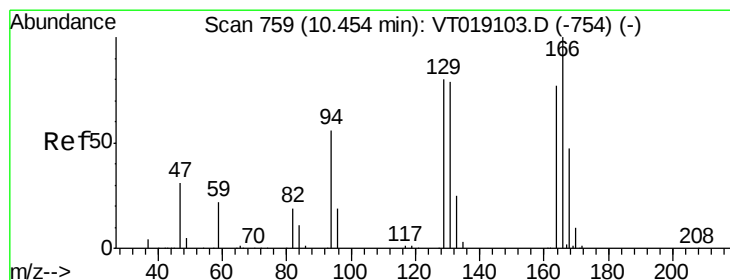
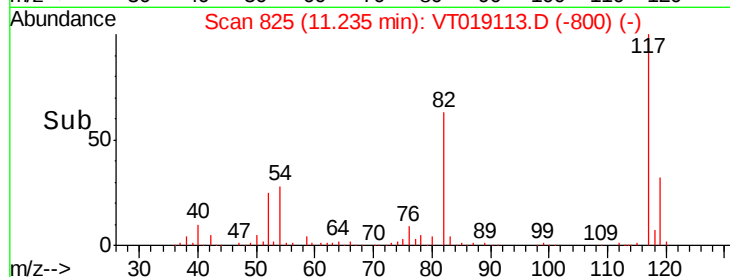
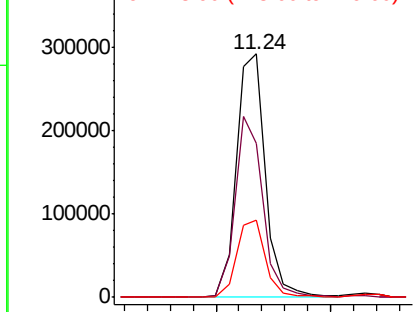
#15
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.24 min Scan# 825
Delta R.T. 0.00 min
Lab File: VT019113.D
Acq: 28 Nov 2018 19:20

Instrument :
MSVOA_T
ClientSampleId :
MDL5

Tgt Ion:117 Resp: 513942
Ion Ratio Lower Upper
117 100
82 63.4 49.7 74.5
119 31.8 26.3 39.5

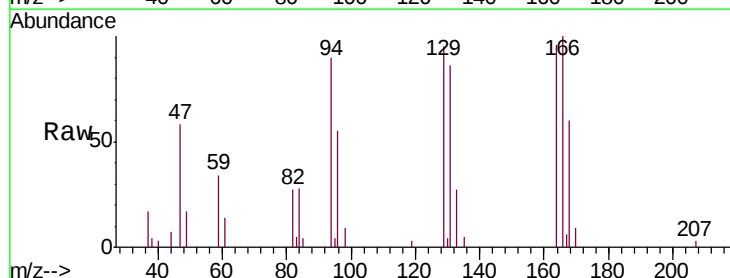


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VT0
Ion 118.90 (118.60 to 119.60): V

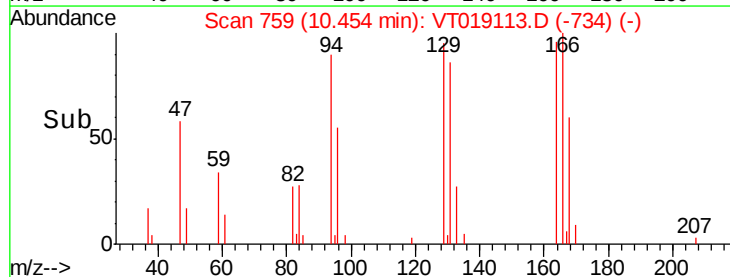
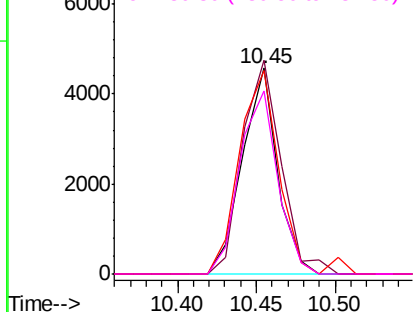


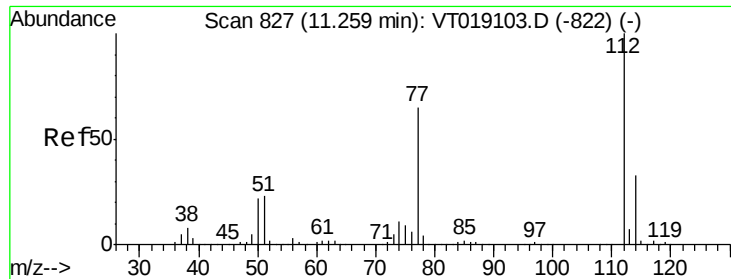
#16
Tetrachloroethene
Concen: 2.454 ug/l
RT: 10.45 min Scan# 759
Delta R.T. 0.00 min
Lab File: VT019113.D
Acq: 28 Nov 2018 19:20

Tgt Ion:164 Resp: 7026
Ion Ratio Lower Upper
164 100
166 103.9 103.6 155.4
129 99.2 82.9 124.3
131 89.1 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

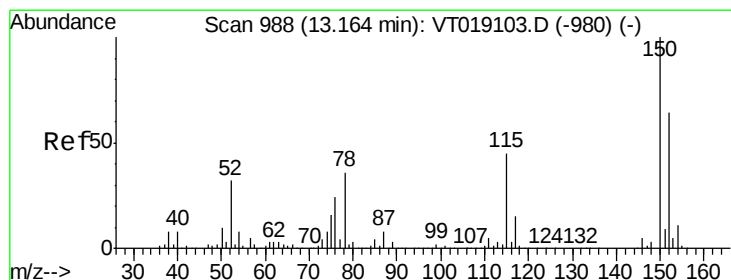
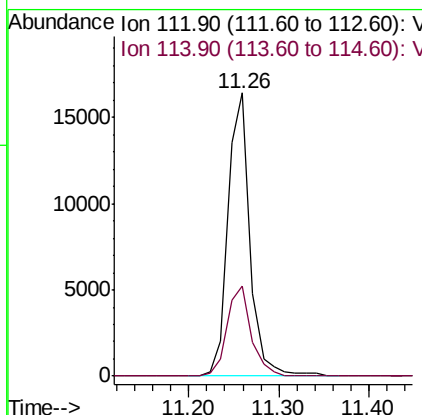
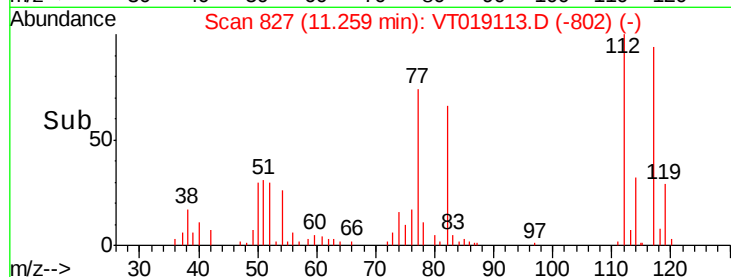
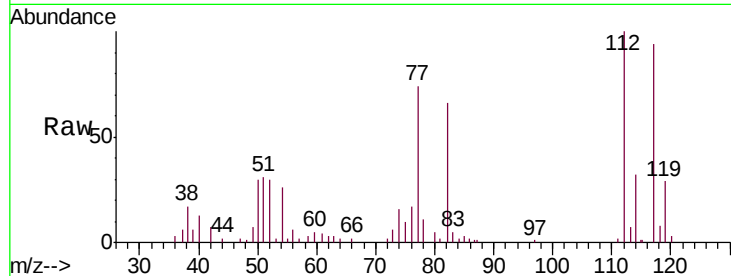




#17
Chlorobenzene
Concen: 2.393 ug/l
RT: 11.26 min Scan# 827
Delta R.T. 0.00 min
Lab File: VT019113.D
Acq: 28 Nov 2018 19:20

Instrument :
MSVOA_T
ClientSampled :
MDL5

Tgt Ion:112 Resp: 27901
Ion Ratio Lower Upper
112 100
114 32.0 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: VT019113.D
Acq: 28 Nov 2018 19:20

Tgt Ion:152 Resp: 242001
Ion Ratio Lower Upper
152 100
115 72.0 33.0 99.0
150 155.5 0.0 343.6

