

Data Path : Z:\VOASRV\HPCHEM1\MSVOA T\DATA\VT112818\
 Data File : VT019109.D
 Acq On : 28 Nov 2018 17:21
 Operator : SY/MD
 Sample : MDL1
 Misc : 5.0mL/MSVOA T/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 MDL1

Quant Time: Nov 29 06:30:15 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

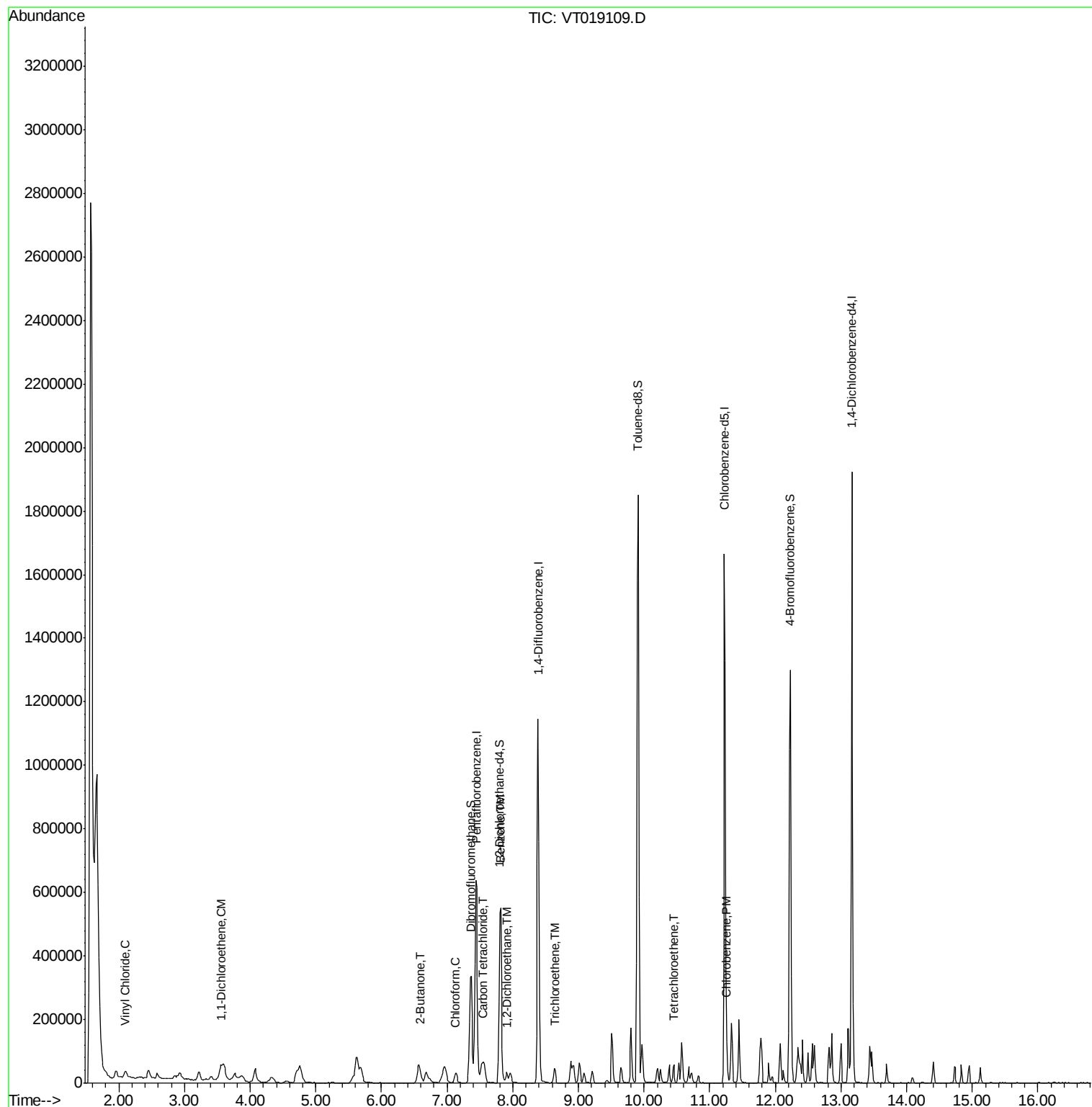
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.45	168	389277	50.00	ug/l	0.00
7) 1,4-Difluorobenzene	8.38	114	783227	50.00	ug/l	0.00
15) Chlorobenzene-d5	11.22	117	740537	50.00	ug/l	-0.01
18) 1,4-Dichlorobenzene-d4	13.16	152	369137	50.00	ug/l	0.00
System Monitoring Compounds						
6) 1,2-Dichloroethane-d4	7.80	65	427053	55.84	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	111.68%	
8) Dibromofluoromethane	7.37	113	251957	49.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.96%	
13) Toluene-d8	9.91	98	1147949	52.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.00%	
14) 4-Bromofluorobenzene	12.23	95	423224	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	
Target Compounds						
					Qvalue	
2) Vinyl Chloride	2.10	62	37220	3.136	ug/l	96
3) 1,1-Dichloroethene	3.56	96	28332	3.470	ug/l	92
4) 2-Butanone	6.59	43	50705	13.874	ug/l	92
5) Chloroform	7.13	83	31662	2.962	ug/l	96
9) Carbon Tetrachloride	7.54	117	20002	2.382	ug/l	97
10) Benzene	7.82	78	69727	2.552	ug/l	98
11) 1,2-Dichloroethane	7.91	62	26438	2.650	ug/l	98
12) Trichloroethene	8.64	130	12683	2.372	ug/l	97
16) Tetrachloroethene	10.45	164	9729	2.358	ug/l	86
17) Chlorobenzene	11.26	112	41895	2.494	ug/l	97

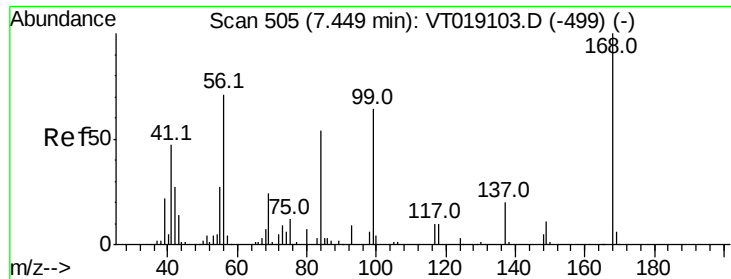
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VT019109.D

Acq: 28 Nov 2018 17:21

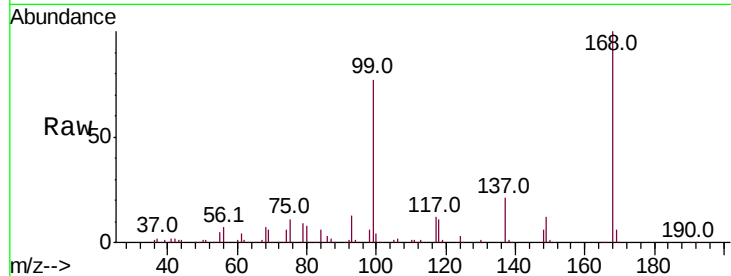
Instrument :
MSVOA_T
ClientSampleId :
MDL1

Tot Ion:168 Resp: 389277

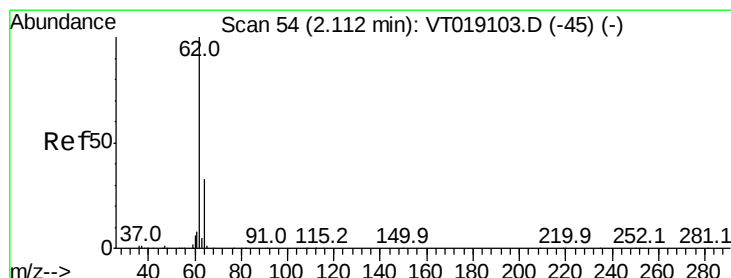
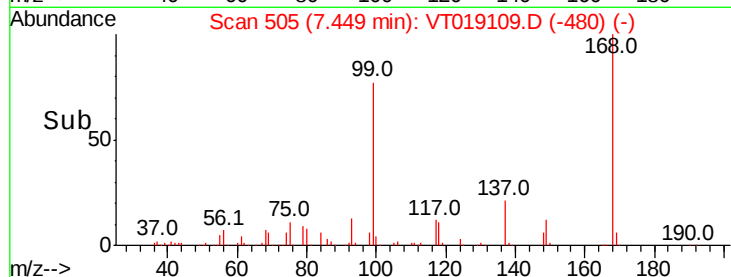
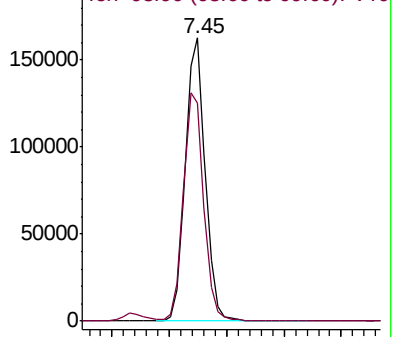
Ion Ratio Lower Upper

168 100

99 76.8 59.5 89.3



Abundance Ion 167.90 (167.60 to 168.60): VT0



#2

Vinyl Chloride

Concen: 3.136 ug/l

RT: 2.10 min Scan# 53

Delta R.T. -0.01 min

Lab File: VT019109.D

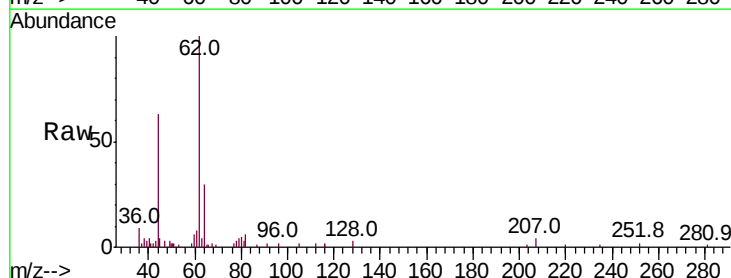
Acq: 28 Nov 2018 17:21

Tgt Ion: 62 Resp: 37220

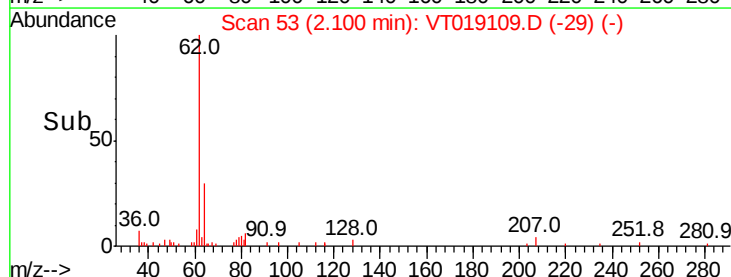
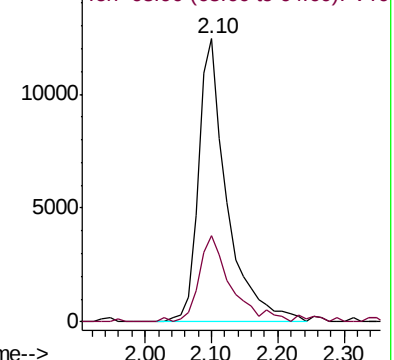
Ion Ratio Lower Upper

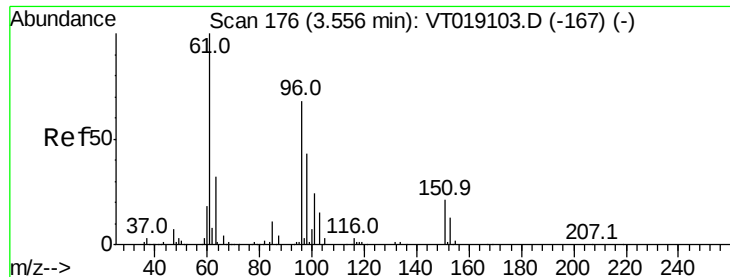
62 100

64 30.5 26.1 39.1



Abundance Ion 61.90 (61.60 to 62.60): VT0





#3

1,1-Dichloroethene

Concen: 3.470 ug/l

RT: 3.56 min Scan# 176

Delta R.T. 0.00 min

Lab File: VT019109.D

Acq: 28 Nov 2018 17:21

Instrument :

MSVOA_T

ClientSampleId :

MDL1

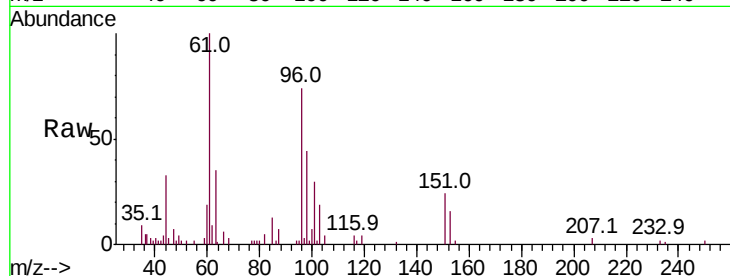
Tot Ion: 96 Resp: 28332

Ion Ratio Lower Upper

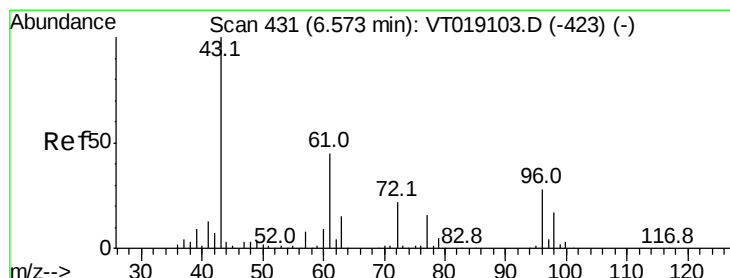
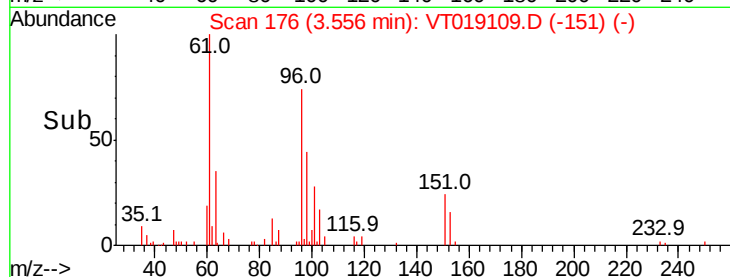
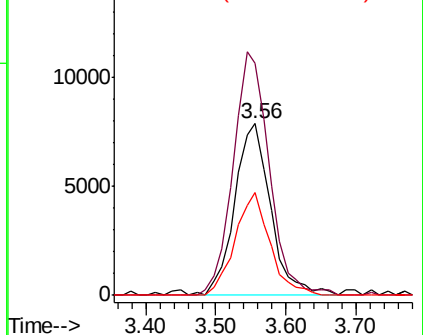
96 100

61 135.4 117.8 176.8

98 60.1 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: 13.874 ug/l

RT: 6.59 min Scan# 432

Delta R.T. 0.01 min

Lab File: VT019109.D

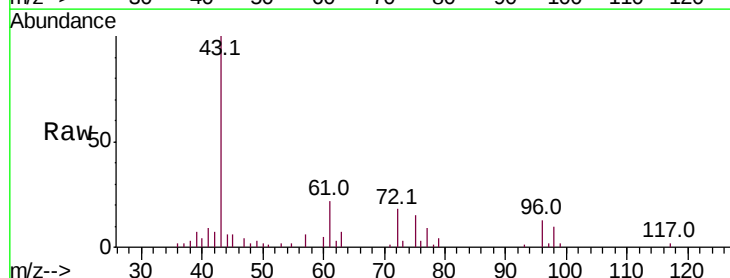
Acq: 28 Nov 2018 17:21

Tgt Ion: 43 Resp: 50705

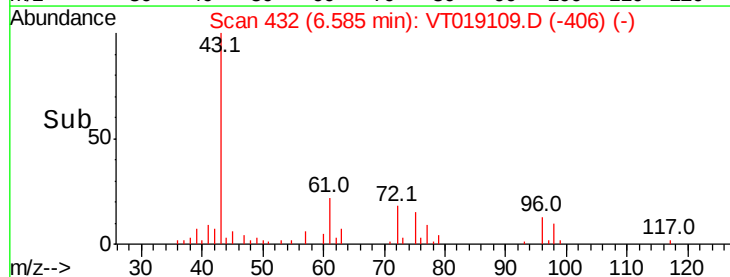
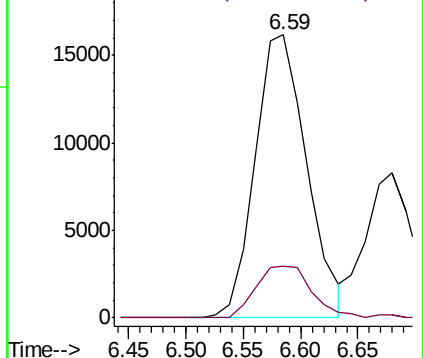
Ion Ratio Lower Upper

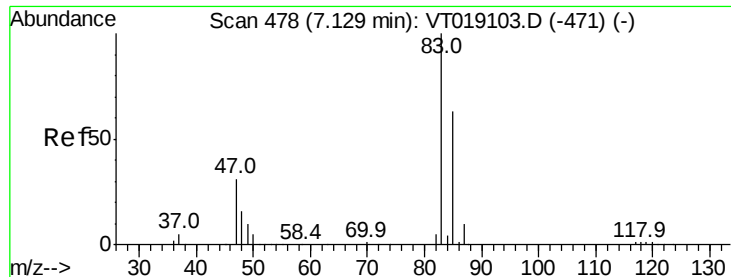
43 100

72 18.2 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: 2.962 ug/l

RT: 7.13 min Scan# 478

Delta R.T. 0.00 min

Lab File: VT019109.D

Acq: 28 Nov 2018 17:21

Instrument :

MSVOA_T

ClientSampled :

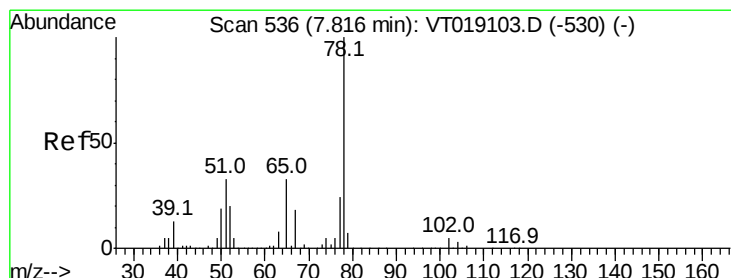
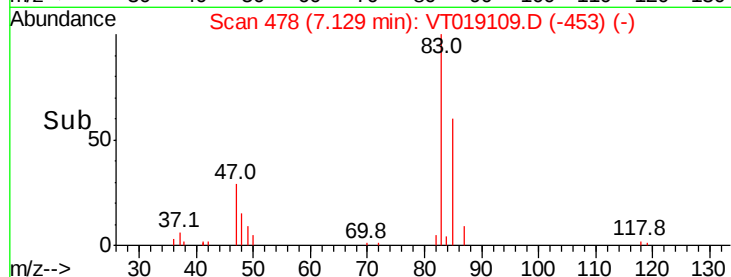
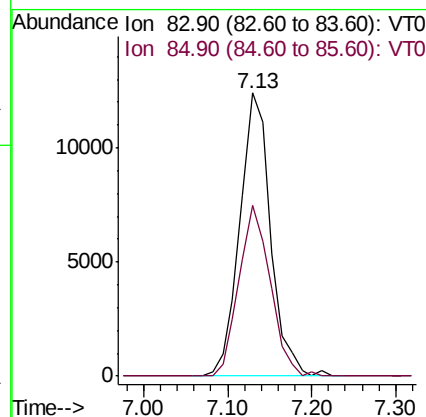
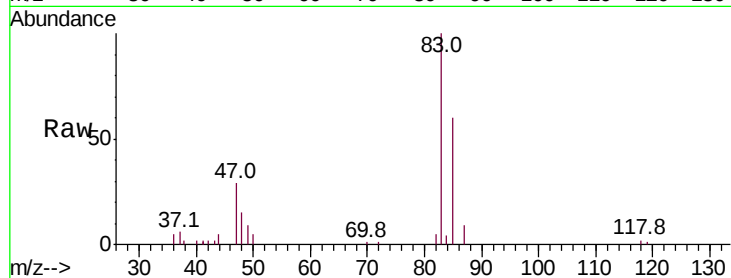
MDL1

Tot Ion: 83 Resp: 31662

Ion Ratio Lower Upper

83 100

85 60.1 50.4 75.6



#6

1,2-Dichloroethane-d4

Concen: 55.843 ug/l

RT: 7.80 min Scan# 535

Delta R.T. -0.01 min

Lab File: VT019109.D

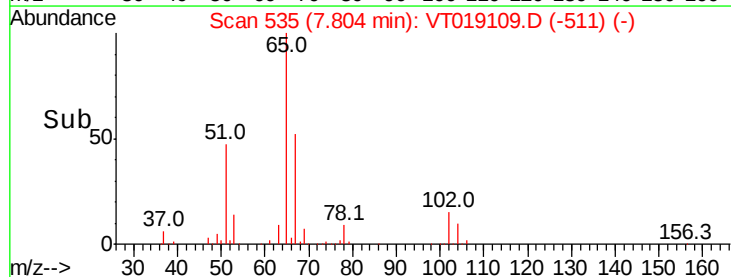
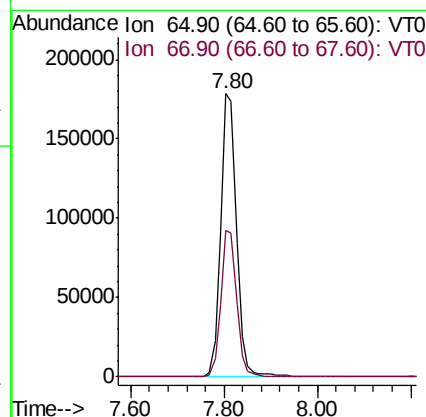
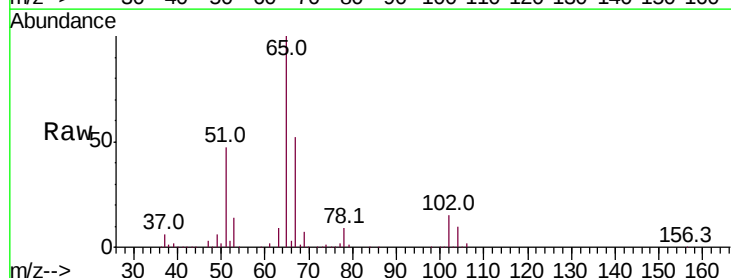
Acq: 28 Nov 2018 17:21

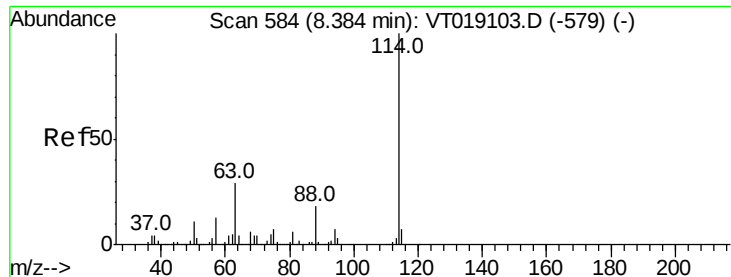
Tgt Ion: 65 Resp: 427053

Ion Ratio Lower Upper

65 100

67 51.6 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: VT019109.D

Acq: 28 Nov 2018 17:21

Instrument :

MSVOA_T

ClientSampleId :

MDL1

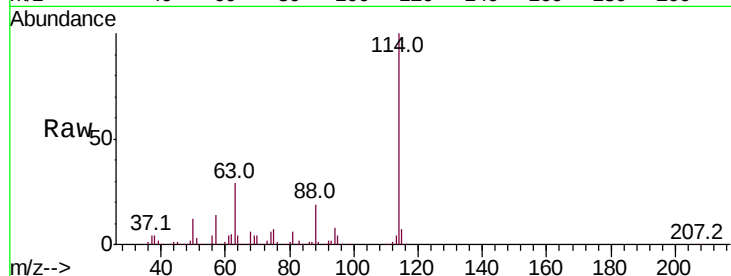
Tot Ion:114 Resp: 783227

Ion Ratio Lower Upper

114 100

63 29.1 0.0 57.4

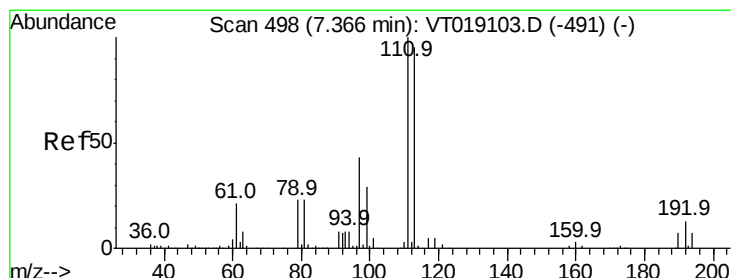
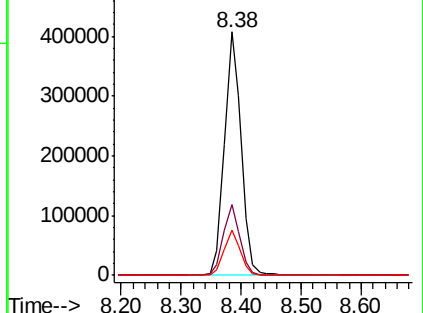
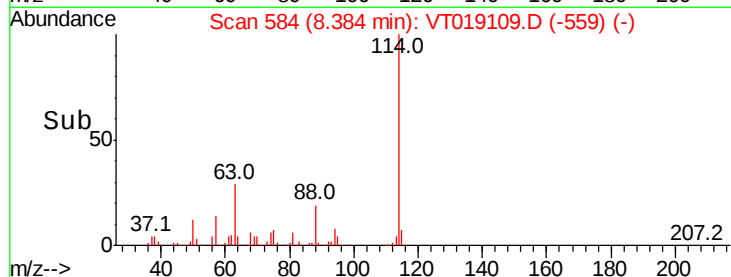
88 18.7 0.0 37.0



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: 49.977 ug/l

RT: 7.37 min Scan# 498

Delta R.T. 0.00 min

Lab File: VT019109.D

Acq: 28 Nov 2018 17:21

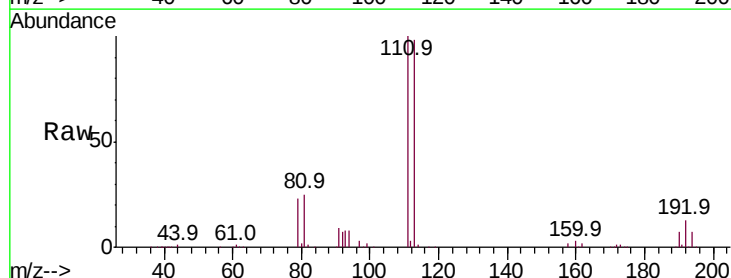
Tgt Ion:113 Resp: 251957

Ion Ratio Lower Upper

113 100

111 103.1 83.9 125.9

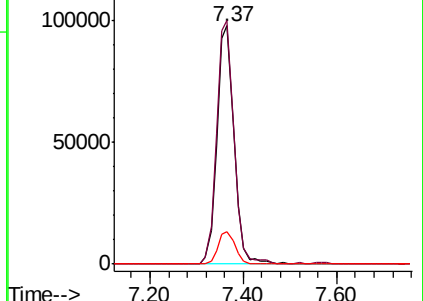
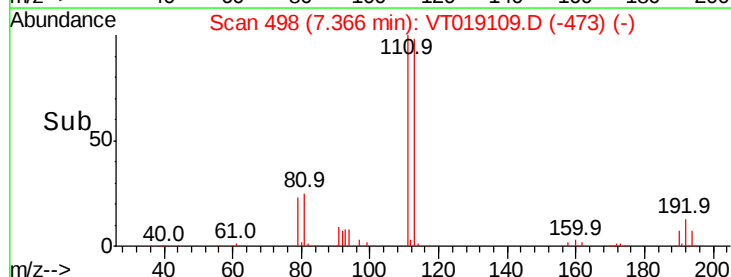
192 13.7 11.5 17.3

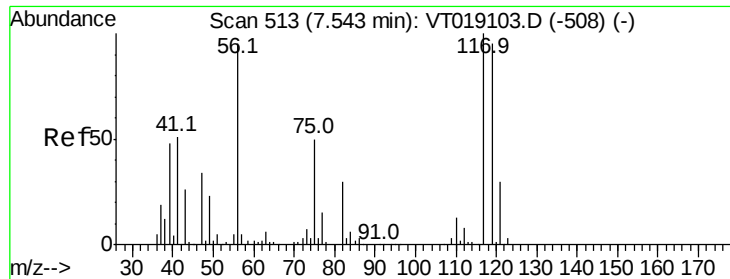


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#9

Carbon Tetrachloride

Concen: 2.382 ug/l

RT: 7.54 min Scan# 513

Delta R.T. 0.00 min

Lab File: VT019109.D

Acq: 28 Nov 2018 17:21

Instrument :

MSVOA_T

ClientSampled :

MDL1

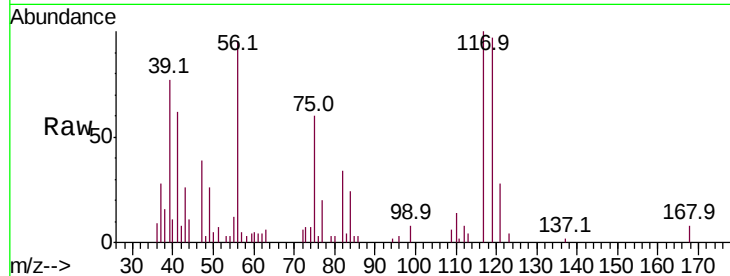
Tot Ion:117 Resp: 20002

Ion Ratio Lower Upper

117 100

119 96.6 75.0 112.6

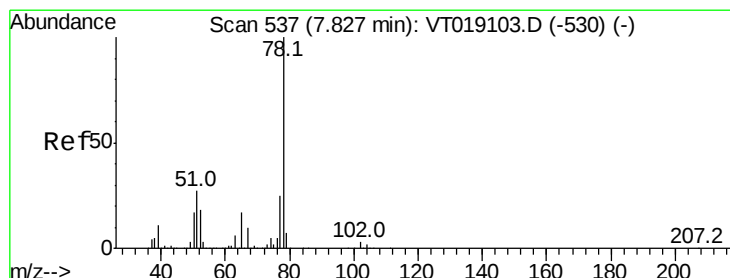
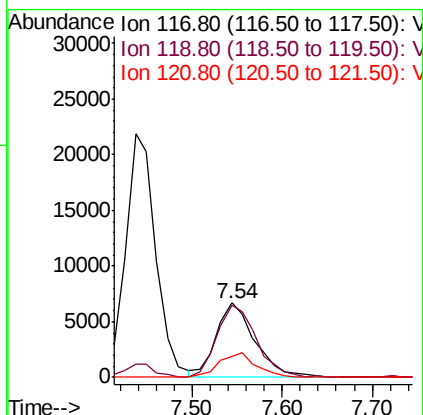
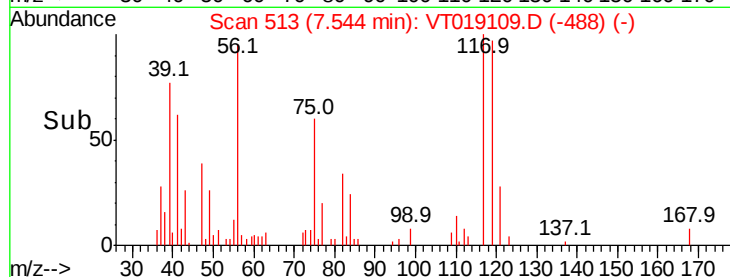
121 28.1 23.5 35.3



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: 2.552 ug/l

RT: 7.82 min Scan# 536

Delta R.T. -0.01 min

Lab File: VT019109.D

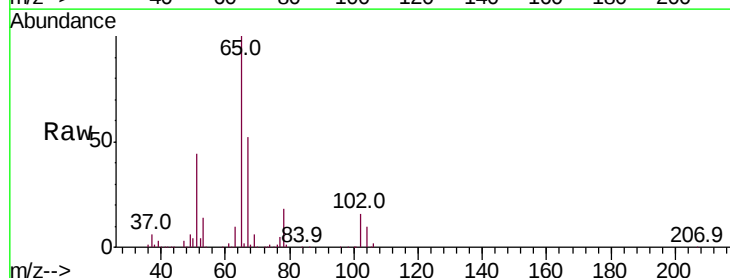
Acq: 28 Nov 2018 17:21

Tgt Ion: 78 Resp: 69727

Ion Ratio Lower Upper

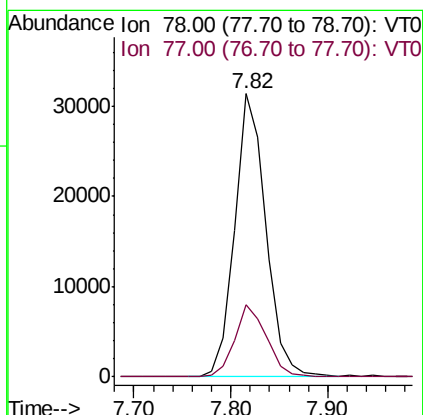
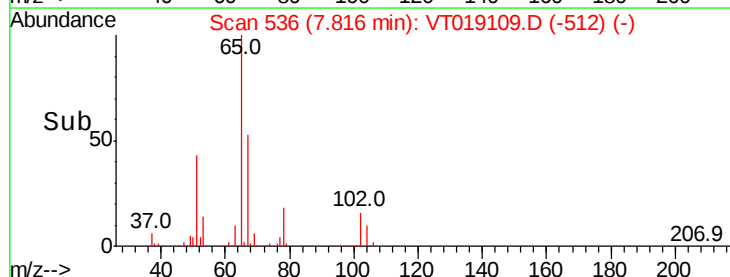
78 100

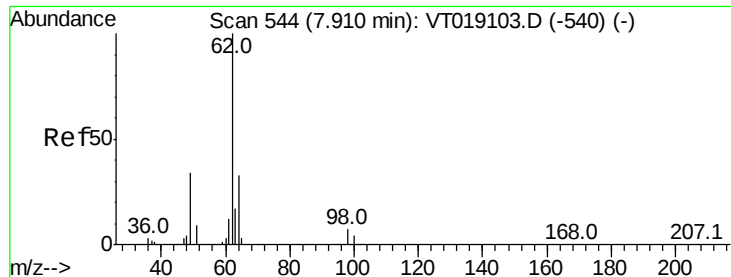
77 25.6 19.7 29.5



Abundance Ion 78.00 (77.70 to 78.70): VT0

Ion 77.00 (76.70 to 77.70): VT0





#11

1,2-Dichloroethane

Concen: 2.650 ug/l

RT: 7.91 min Scan# 544

Delta R.T. 0.00 min

Lab File: VT019109.D

Acq: 28 Nov 2018 17:21

Instrument :

MSVOA_T

ClientSampled :

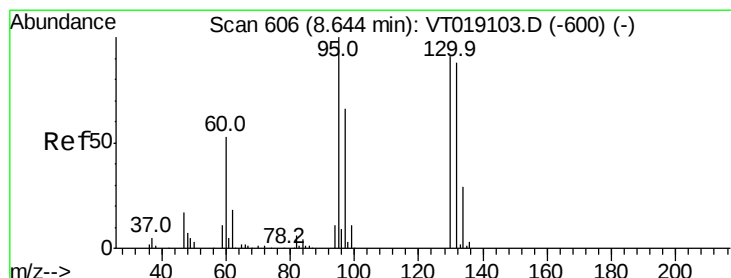
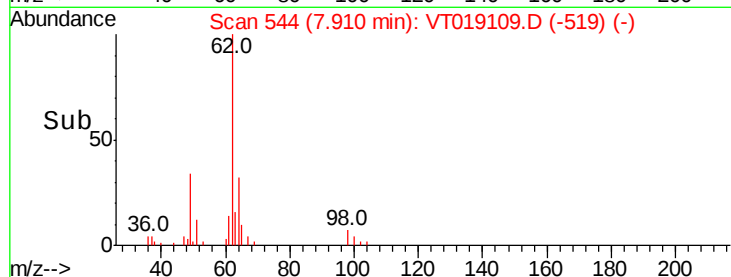
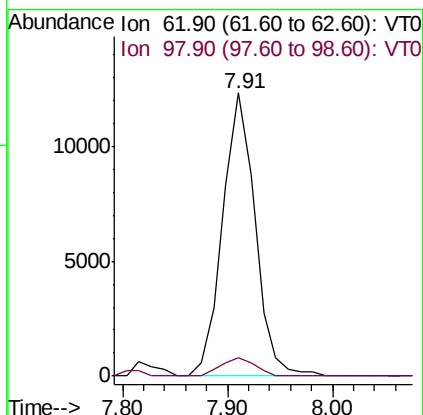
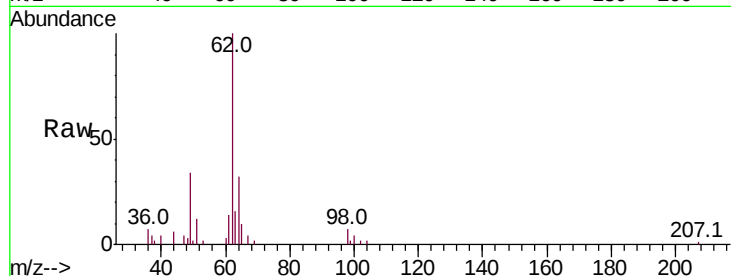
MDL1

Tot Ion: 62 Resp: 26438

Ion Ratio Lower Upper

62 100

98 6.7 0.0 14.6



#12

Trichloroethene

Concen: 2.372 ug/l

RT: 8.64 min Scan# 606

Delta R.T. 0.00 min

Lab File: VT019109.D

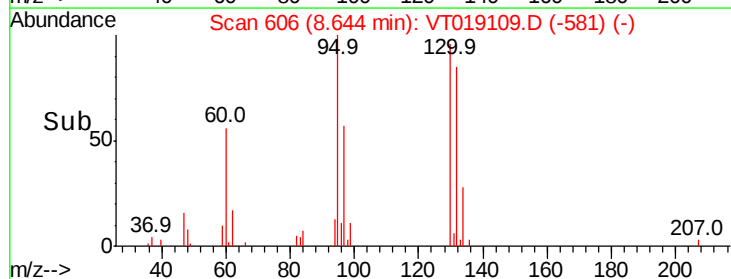
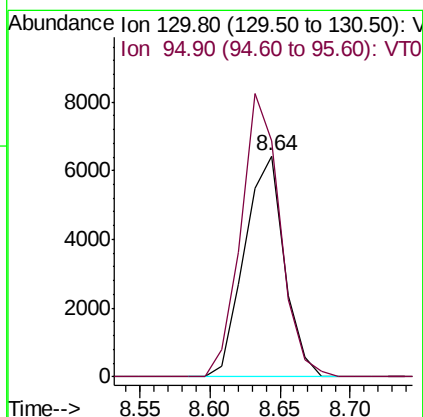
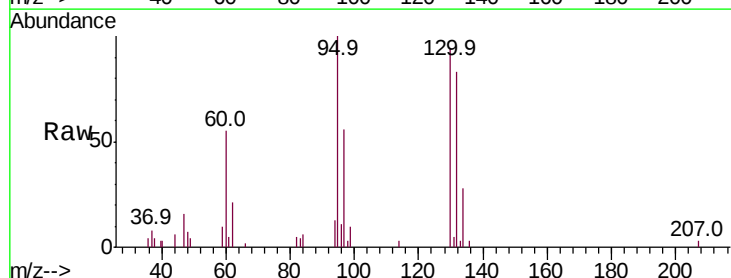
Acq: 28 Nov 2018 17:21

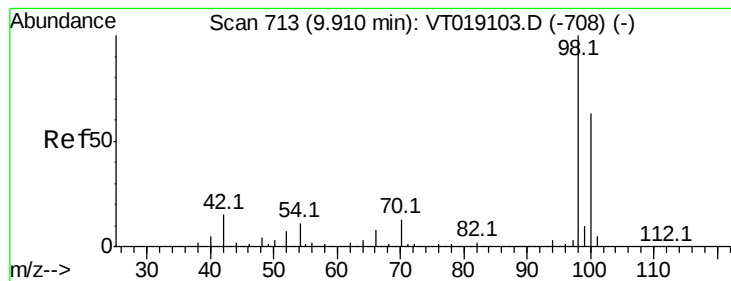
Tgt Ion:130 Resp: 12683

Ion Ratio Lower Upper

130 100

95 106.5 0.0 218.8





#13

Toluene-d8

Concen: 52.002 ug/l

RT: 9.91 min Scan# 713

Delta R.T. 0.00 min

Lab File: VT019109.D

Acq: 28 Nov 2018 17:21

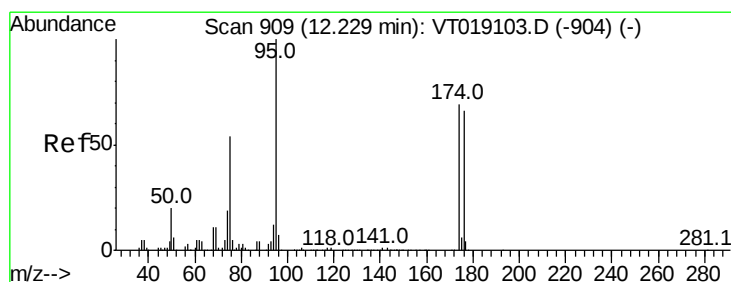
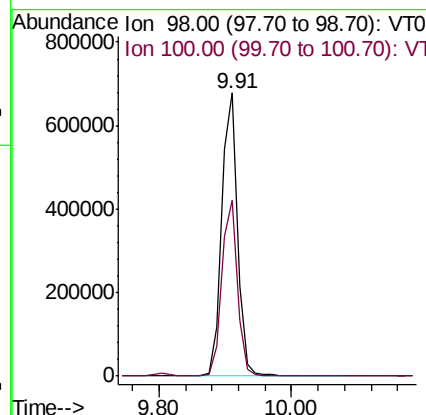
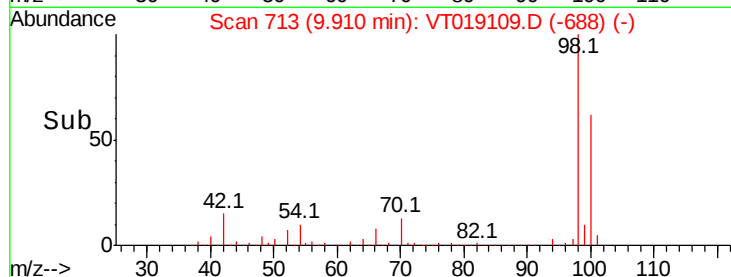
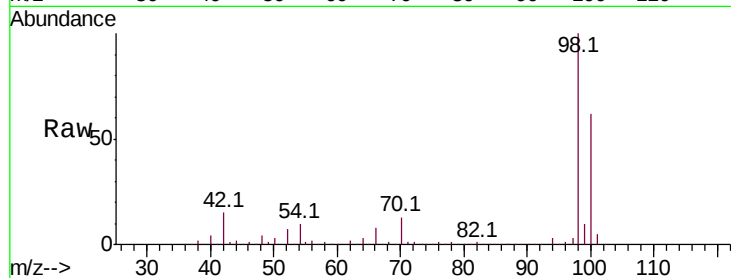
Instrument :
MSVOA_T
ClientSampleId :
MDL1

Tot Ion: 98 Resp: 1147949

Ion Ratio Lower Upper

98 100

100 61.6 50.2 75.2



#14

4-Bromofluorobenzene

Concen: 50.987 ug/l

RT: 12.23 min Scan# 909

Delta R.T. 0.00 min

Lab File: VT019109.D

Acq: 28 Nov 2018 17:21

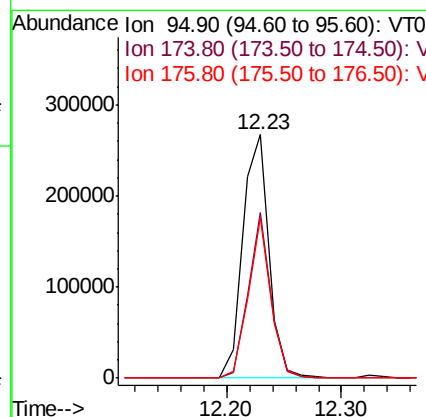
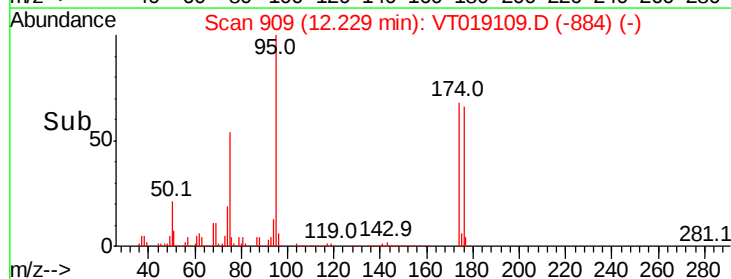
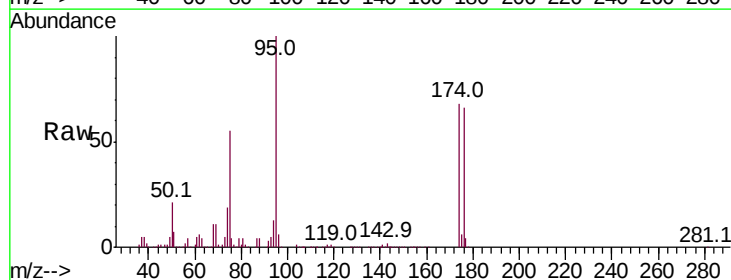
Tgt Ion: 95 Resp: 423224

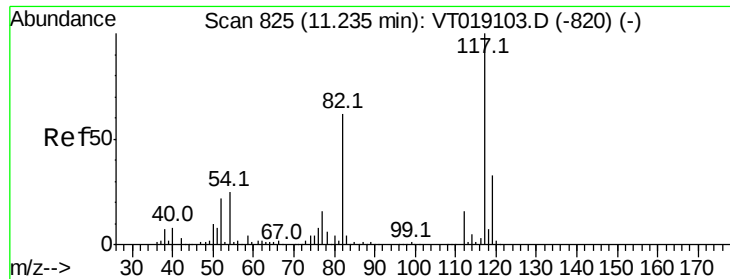
Ion Ratio Lower Upper

95 100

174 59.5 0.0 123.2

176 57.2 0.0 118.8

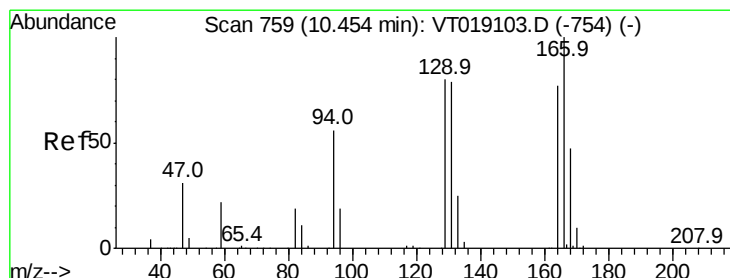
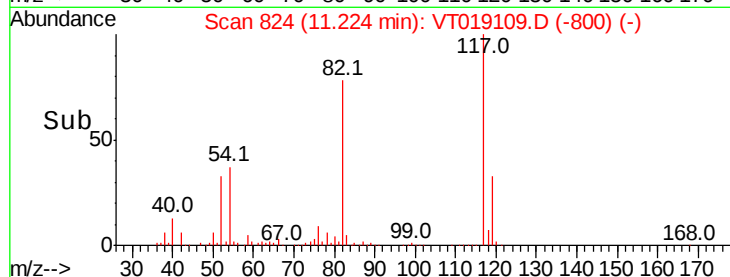
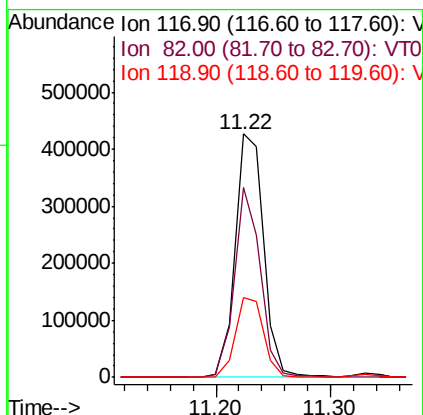
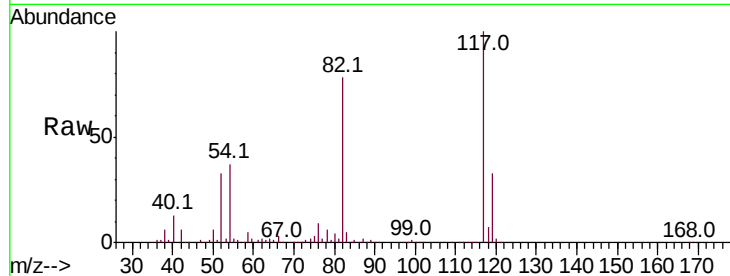




#15
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.22 min Scan# 824
Delta R.T. -0.01 min
Lab File: VT019109.D
Acq: 28 Nov 2018 17:21

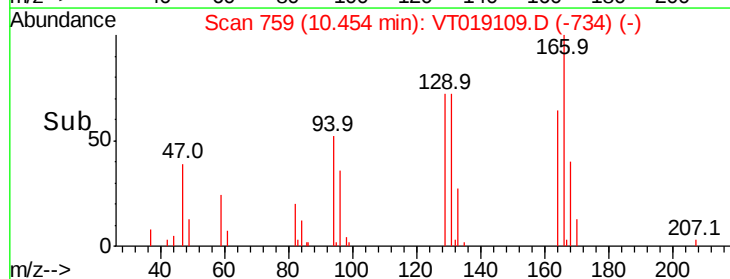
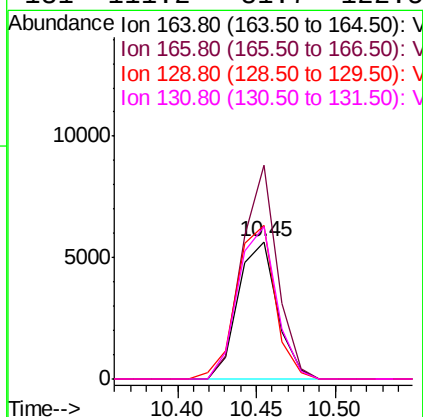
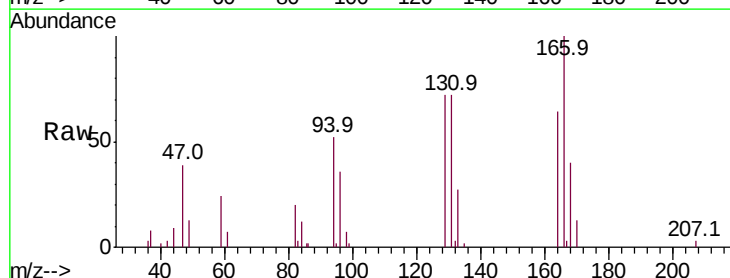
Instrument :
MSVOA_T
ClientSampled :
MDL1

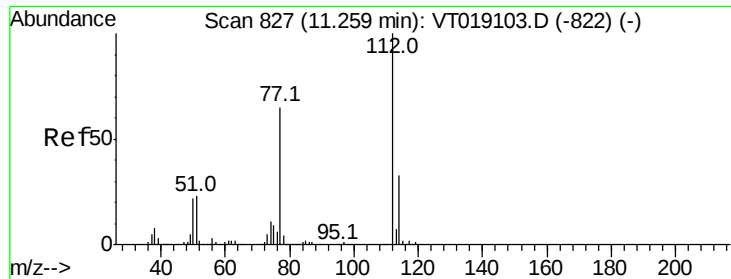
Tot Ion:117 Resp: 740537
Ion Ratio Lower Upper
117 100
82 77.9 49.7 74.5#
119 32.7 26.3 39.5



#16
Tetrachloroethene
Concen: 2.358 ug/l
RT: 10.45 min Scan# 759
Delta R.T. 0.00 min
Lab File: VT019109.D
Acq: 28 Nov 2018 17:21

Tgt Ion:164 Resp: 9729
Ion Ratio Lower Upper
164 100
166 155.4 103.6 155.4
129 111.6 82.9 124.3
131 111.2 81.7 122.5

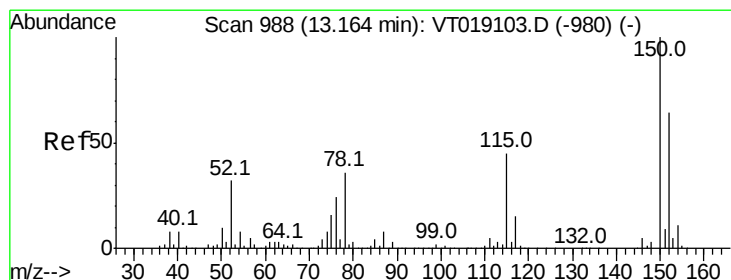
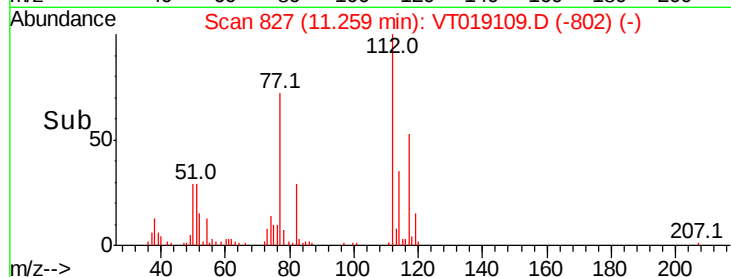
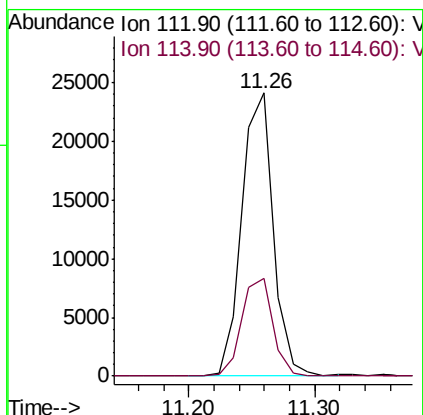
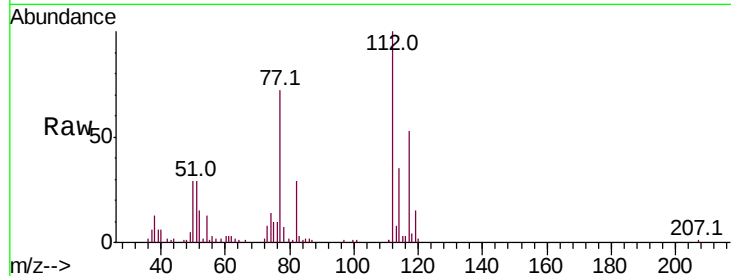




#17
Chlorobenzene
Concen: 2.494 ug/l
RT: 11.26 min Scan# 827
Delta R.T. 0.00 min
Lab File: VT019109.D
Acq: 28 Nov 2018 17:21

Instrument :
MSVOA_T
ClientSampled :
MDL1

Tot Ion:112 Resp: 41895
Ion Ratio Lower Upper
112 100
114 34.7 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: VT019109.D
Acq: 28 Nov 2018 17:21

Tgt Ion:152 Resp: 369137
Ion Ratio Lower Upper
152 100
115 69.5 33.0 99.0
150 158.3 0.0 343.6

