

Data Path : Z:\VOASRV\HPCHEM1\MSVOA T\DATA\VT112818\
 Data File : VT019115.D
 Acq On : 28 Nov 2018 20:19
 Operator : SY/MD
 Sample : MDL7
 Misc : 5.0mL/MSVOA T/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 MDL7

Quant Time: Nov 29 06:31:17 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	249602	50.00	ug/l	0.00
7) 1,4-Difluorobenzene	8.38	114	518379	50.00	ug/l	0.00
15) Chlorobenzene-d5	11.24	117	483207	50.00	ug/l	0.00
18) 1,4-Dichlorobenzene-d4	13.16	152	227231	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
6) 1,2-Dichloroethane-d4	7.82	65	324548	66.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	132.38%	
8) Dibromofluoromethane	7.37	113	182251	54.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.24%	
13) Toluene-d8	9.91	98	787935	53.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.86%	
14) 4-Bromofluorobenzene	12.23	95	287073	52.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.50%	

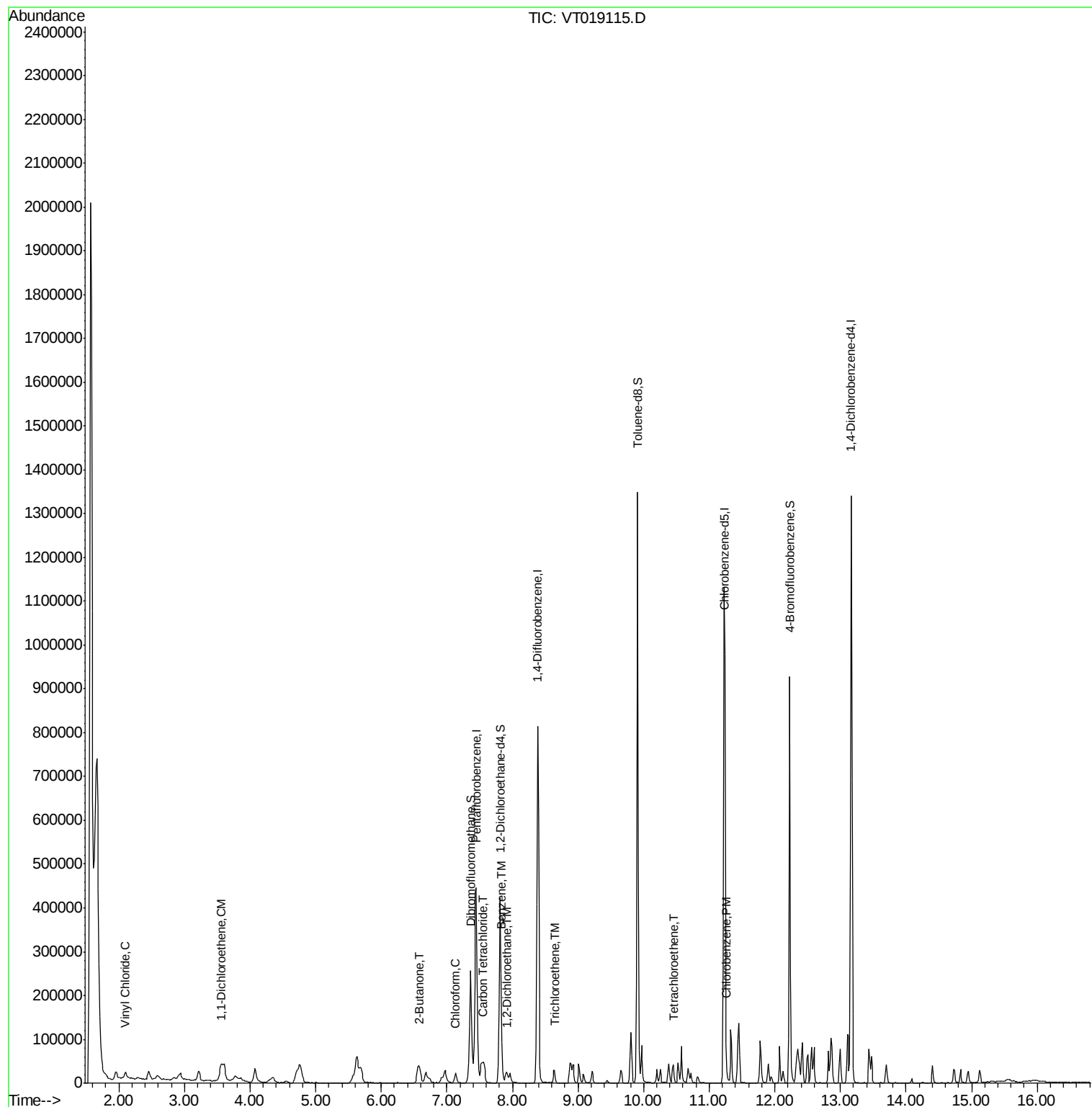
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Vinyl Chloride	2.10	62	26401	3.469	ug/l	96
3) 1,1-Dichloroethene	3.56	96	18887	3.608	ug/l	90
4) 2-Butanone	6.59	43	35037	14.951	ug/l	95
5) Chloroform	7.13	83	22479	3.279	ug/l	99
9) Carbon Tetrachloride	7.56	117	15715	2.827	ug/l	89
10) Benzene	7.83	78	48617	2.688	ug/l	99
11) 1,2-Dichloroethane	7.91	62	20623	3.123	ug/l	97
12) Trichloroethene	8.64	130	8083	2.284	ug/l	68
16) Tetrachloroethene	10.45	164	6827	2.536	ug/l	92
17) Chlorobenzene	11.26	112	27466	2.506	ug/l	92

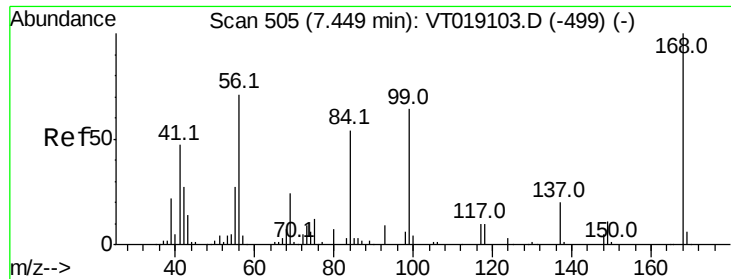
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA T\DATA\VT112818\
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Quant Time: Nov 29 06:31:17 2018
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: VT019115.D

Acq: 28 Nov 2018 20:19

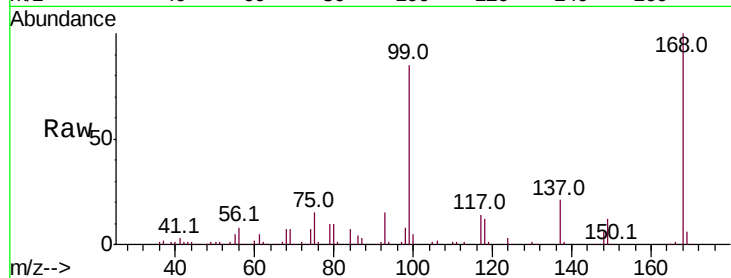
Instrument :
MSVOA_T
ClientSampleId :
MDL7

Tot Ion:168 Resp: 249602

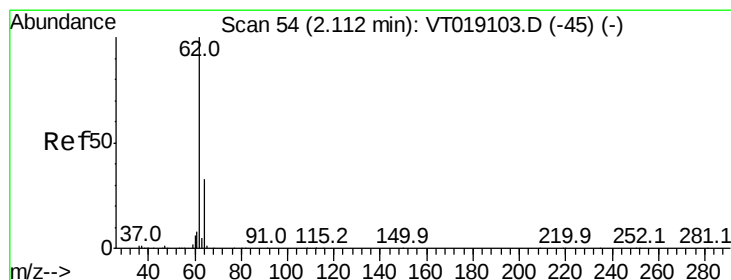
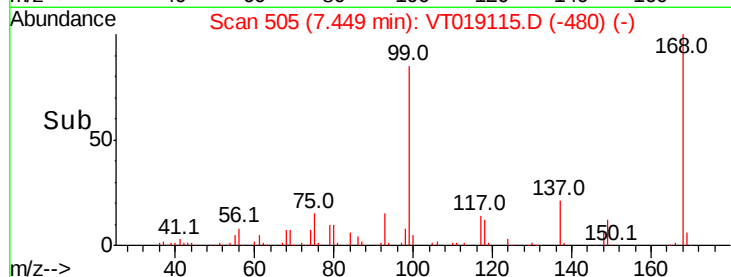
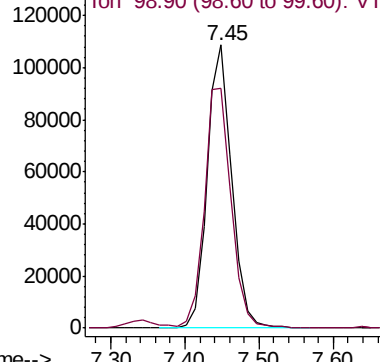
Ion Ratio Lower Upper

168 100

99 84.3 59.5 89.3



Abundance Ion 167.90 (167.60 to 168.60): VT0



#2

Vinyl Chloride

Concen: 3.469 ug/l

RT: 2.10 min Scan# 53

Delta R.T. -0.01 min

Lab File: VT019115.D

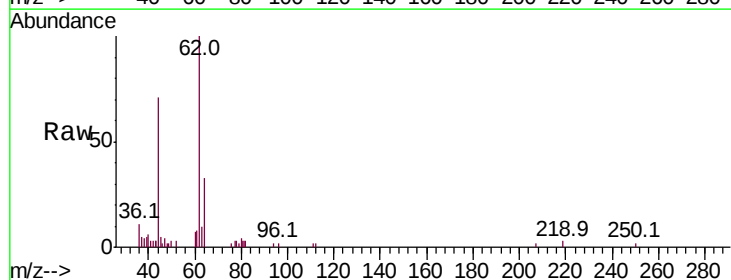
Acq: 28 Nov 2018 20:19

Tgt Ion: 62 Resp: 26401

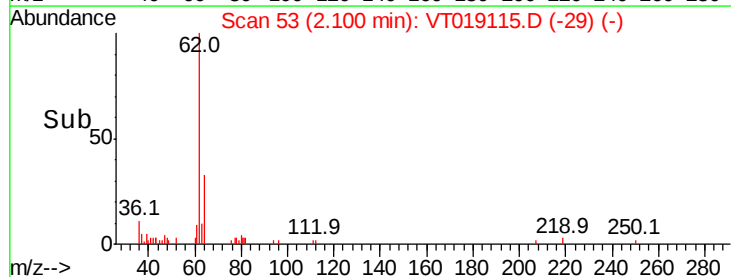
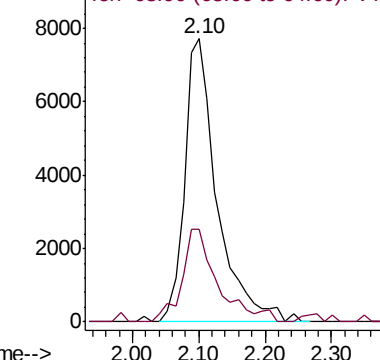
Ion Ratio Lower Upper

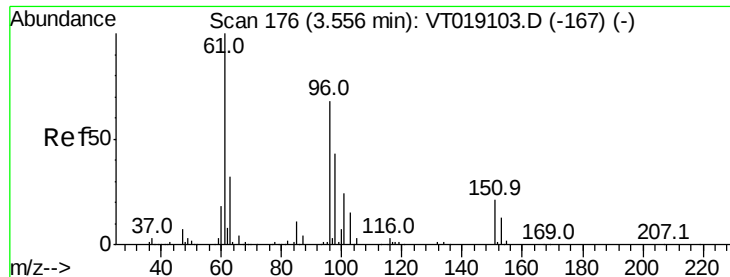
62 100

64 30.4 26.1 39.1



Abundance Ion 61.90 (61.60 to 62.60): VT0





#3

1,1-Dichloroethene

Concen: 3.608 ug/l

RT: 3.56 min Scan# 176

Delta R.T. 0.00 min

Lab File: VT019115.D

Acq: 28 Nov 2018 20:19

Instrument :

MSVOA_T

ClientSampleId :

MDL7

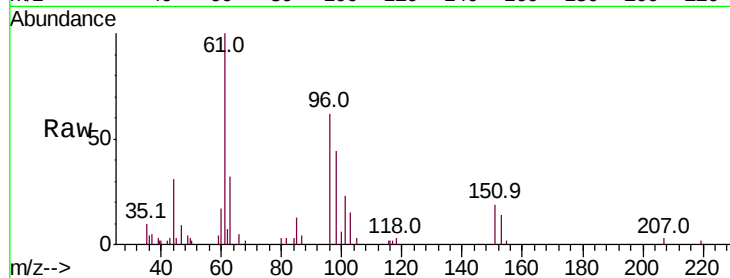
Tot Ion: 96 Resp: 18887

Ion Ratio Lower Upper

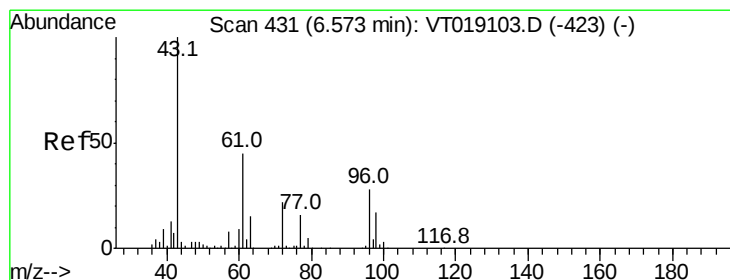
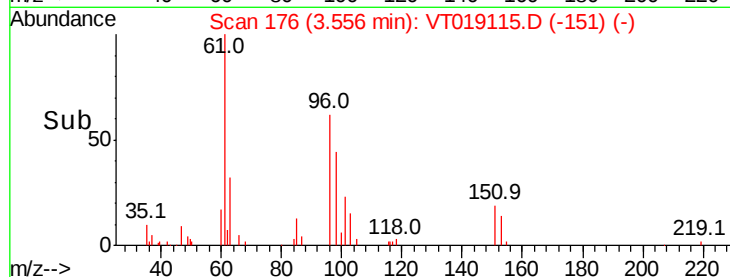
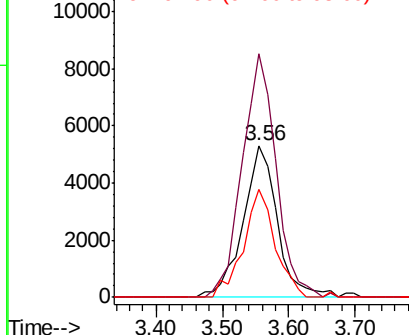
96 100

61 160.6 117.8 176.8

98 71.1 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: 14.951 ug/l

RT: 6.59 min Scan# 432

Delta R.T. 0.01 min

Lab File: VT019115.D

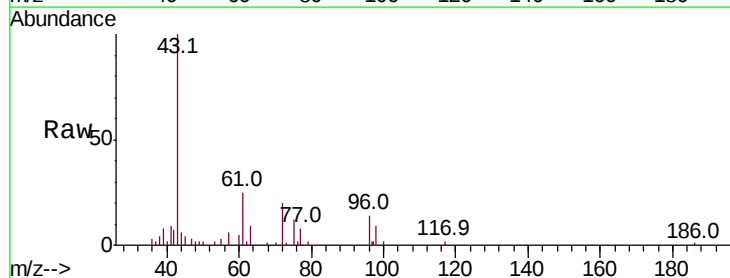
Acq: 28 Nov 2018 20:19

Tgt Ion: 43 Resp: 35037

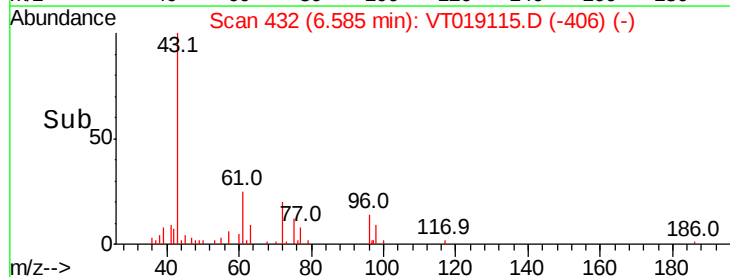
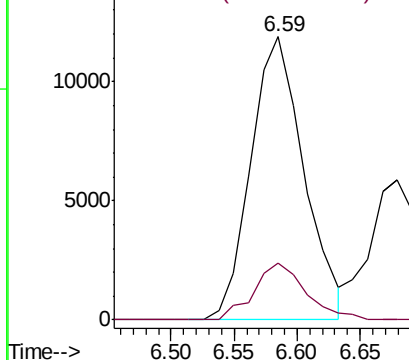
Ion Ratio Lower Upper

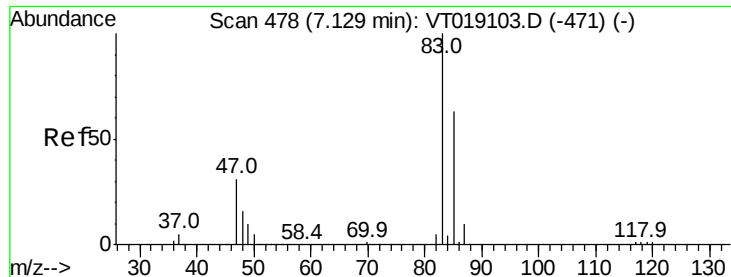
43 100

72 20.0 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: 3.279 ug/l

RT: 7.13 min Scan# 478

Delta R.T. 0.00 min

Lab File: VT019115.D

Acq: 28 Nov 2018 20:19

Instrument :

MSVOA_T

ClientSampled :

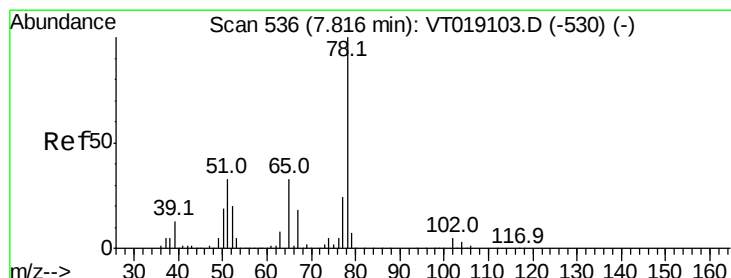
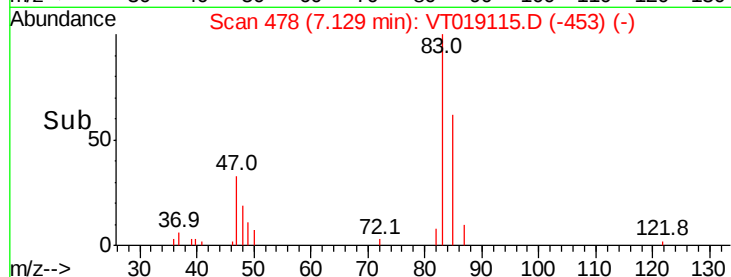
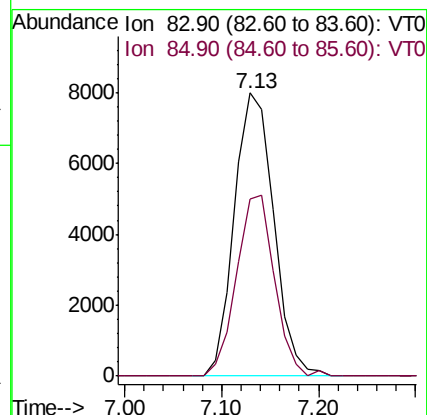
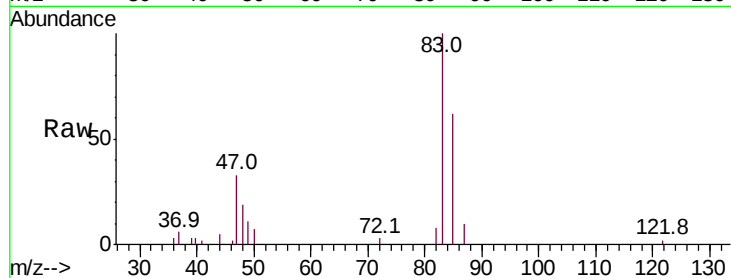
MDL7

Tot Ion: 83 Resp: 22479

Ion Ratio Lower Upper

83 100

85 62.4 50.4 75.6



#6

1,2-Dichloroethane-d4

Concen: 66.188 ug/l

RT: 7.82 min Scan# 536

Delta R.T. 0.00 min

Lab File: VT019115.D

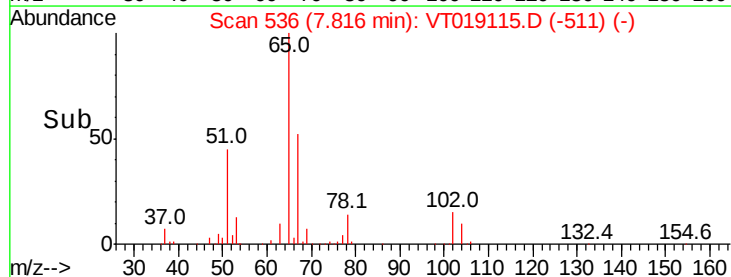
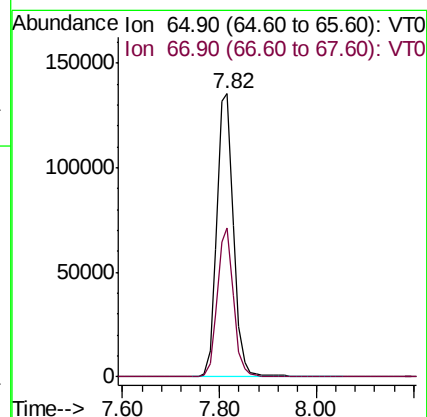
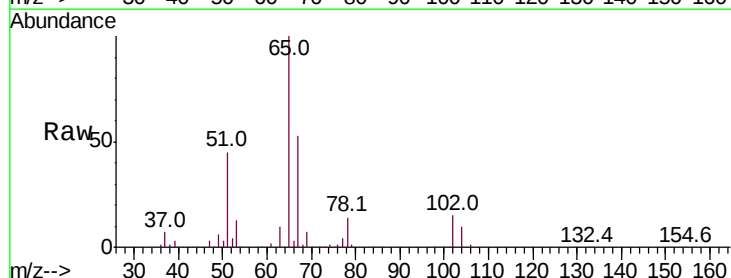
Acq: 28 Nov 2018 20:19

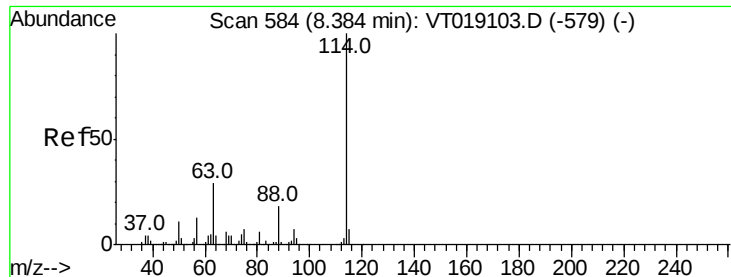
Tgt Ion: 65 Resp: 324548

Ion Ratio Lower Upper

65 100

67 50.4 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: VT019115.D

Acq: 28 Nov 2018 20:19

Instrument :

MSVOA_T

ClientSampleId :

MDL7

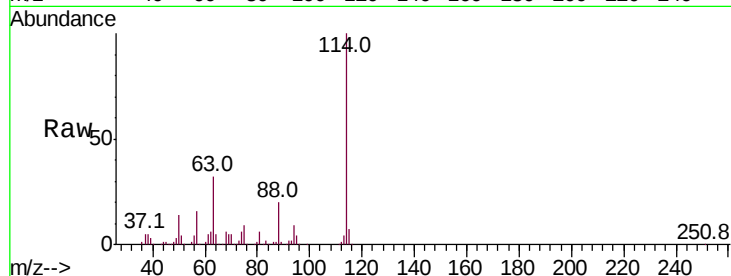
Tot Ion:114 Resp: 518379

Ion Ratio Lower Upper

114 100

63 32.0 0.0 57.4

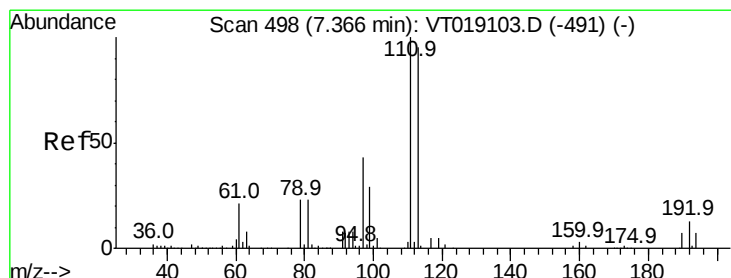
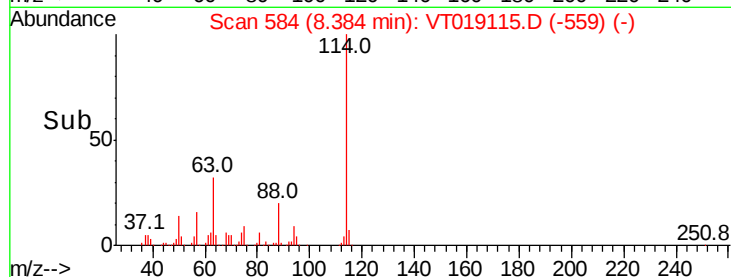
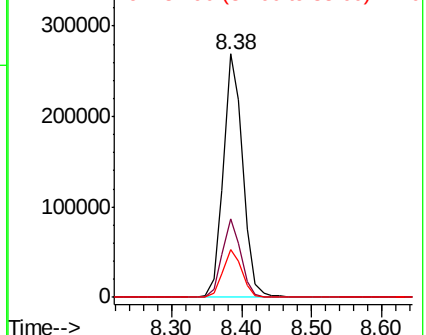
88 19.6 0.0 37.0



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: 54.621 ug/l

RT: 7.37 min Scan# 498

Delta R.T. 0.00 min

Lab File: VT019115.D

Acq: 28 Nov 2018 20:19

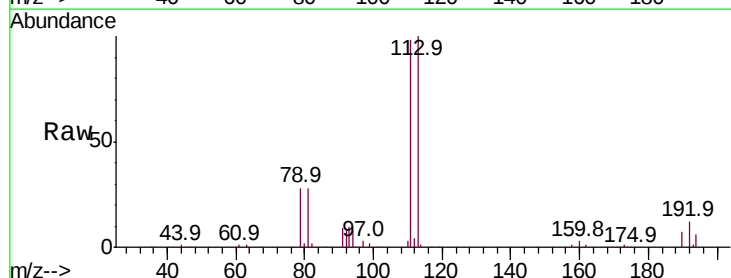
Tgt Ion:113 Resp: 182251

Ion Ratio Lower Upper

113 100

111 101.6 83.9 125.9

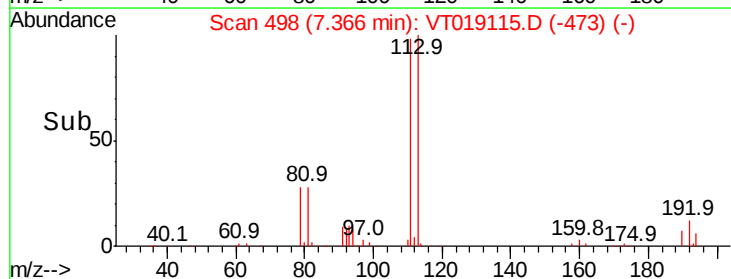
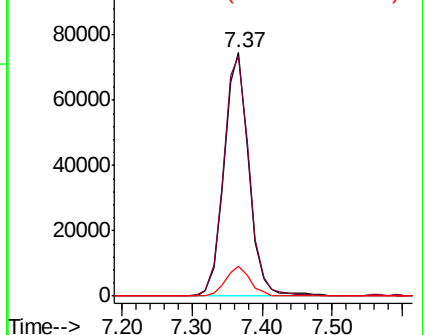
192 12.1 11.5 17.3

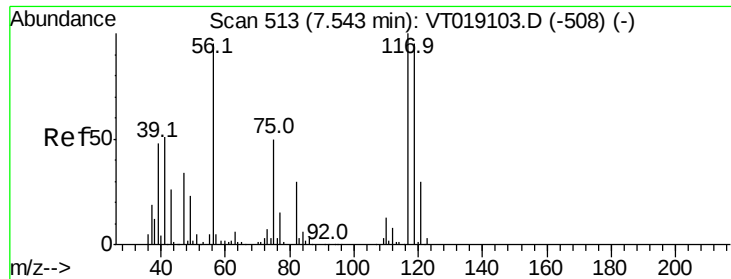


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#9

Carbon Tetrachloride

Concen: 2.827 ug/l

RT: 7.56 min Scan# 514

Delta R.T. 0.01 min

Lab File: VT019115.D

Acq: 28 Nov 2018 20:19

Instrument :

MSVOA_T

ClientSampleId :

MDL7

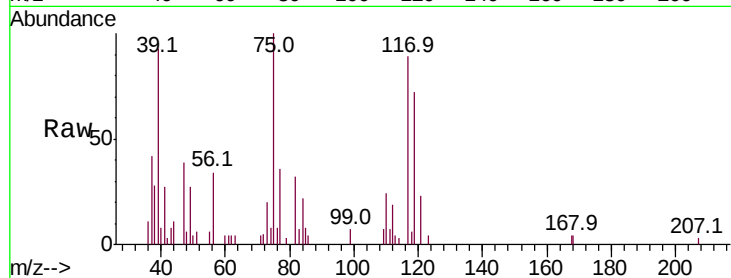
Tot Ion:117 Resp: 15715

Ion Ratio Lower Upper

117 100

119 81.4 75.0 112.6

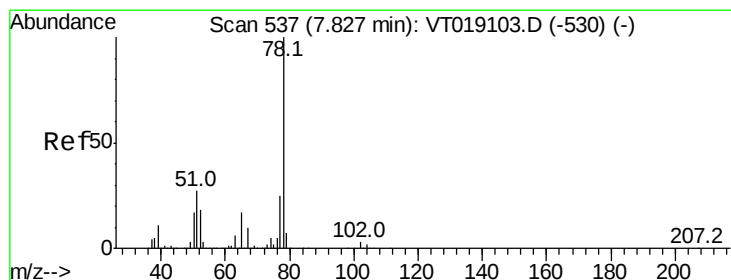
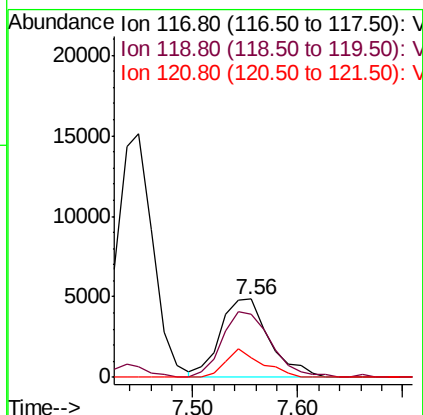
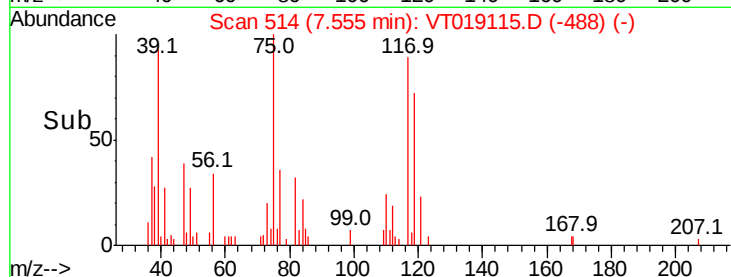
121 25.7 23.5 35.3



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: 2.688 ug/l

RT: 7.83 min Scan# 537

Delta R.T. 0.00 min

Lab File: VT019115.D

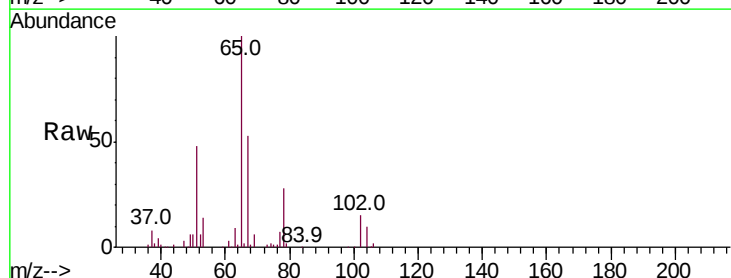
Acq: 28 Nov 2018 20:19

Tgt Ion: 78 Resp: 48617

Ion Ratio Lower Upper

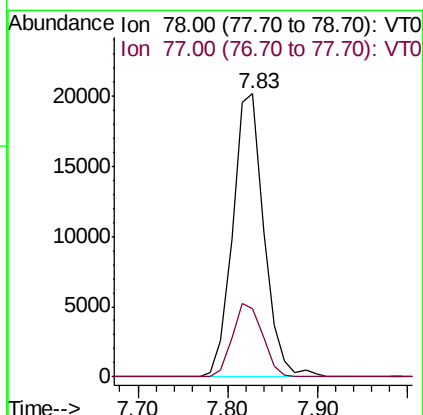
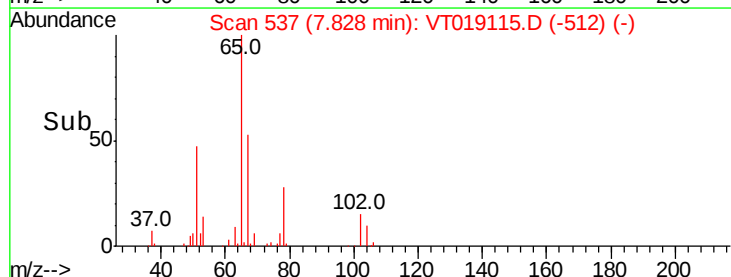
78 100

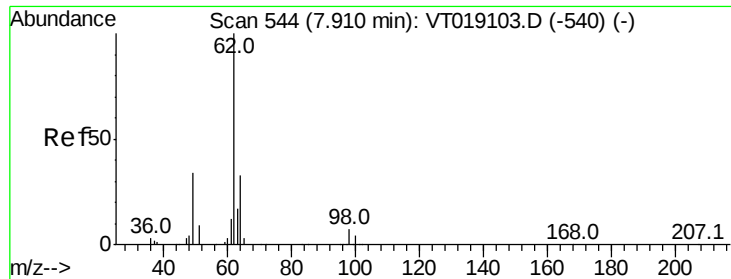
77 24.0 19.7 29.5



Abundance Ion 78.00 (77.70 to 78.70): VT0

Ion 77.00 (76.70 to 77.70): VT0

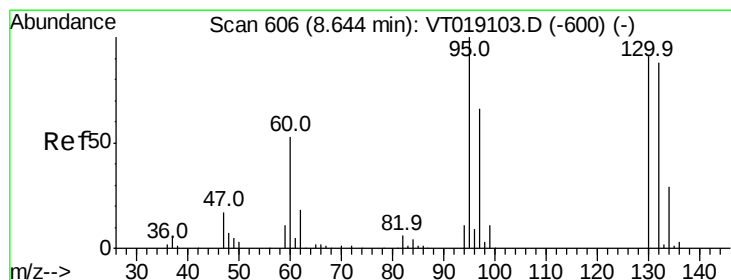
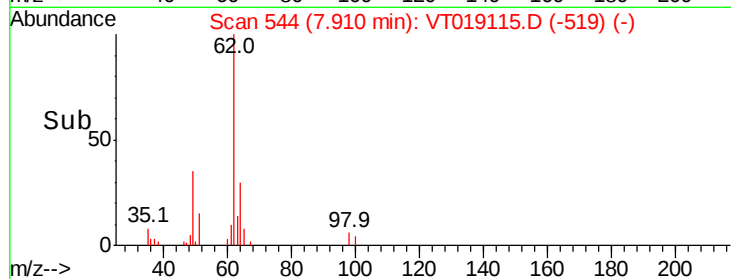
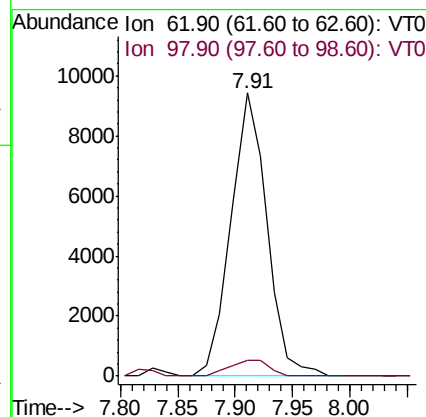
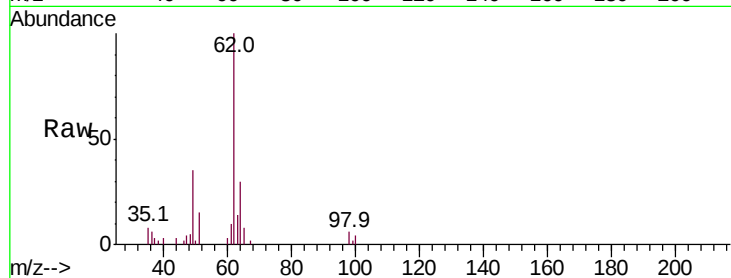




#11
 1,2-Dichloroethane
 Concen: 3.123 ug/l
 RT: 7.91 min Scan# 544
 Delta R.T. 0.00 min
 Lab File: VT019115.D
 Acq: 28 Nov 2018 20:19

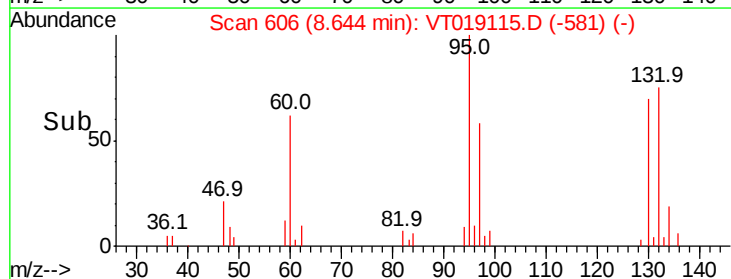
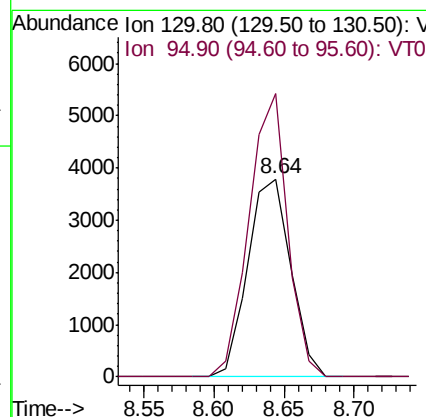
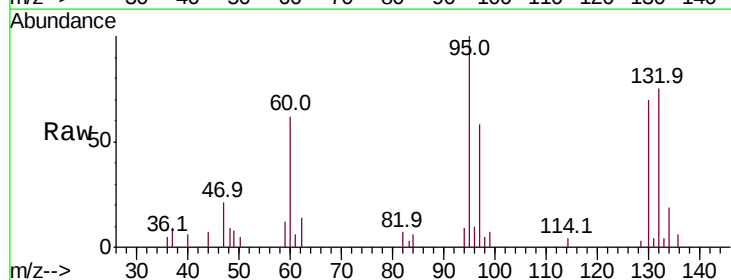
Instrument :
 MSVOA_T
 ClientSampled :
 MDL7

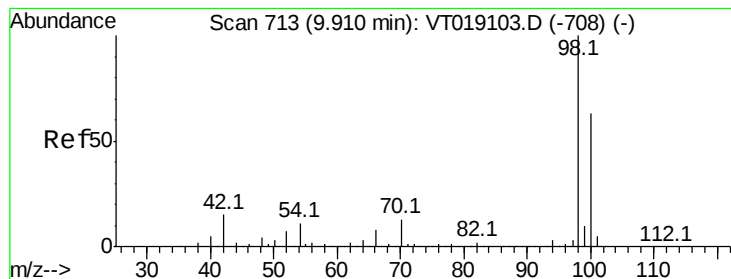
Tot Ion: 62 Resp: 20623
 Ion Ratio Lower Upper
 62 100
 98 6.1 0.0 14.6



#12
 Trichloroethene
 Concen: 2.284 ug/l
 RT: 8.64 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: VT019115.D
 Acq: 28 Nov 2018 20:19

Tgt Ion:130 Resp: 8083
 Ion Ratio Lower Upper
 130 100
 95 143.0 0.0 218.8





#13

Toluene-d8

Concen: 53.930 ug/l

RT: 9.91 min Scan# 713

Delta R.T. 0.00 min

Lab File: VT019115.D

Acq: 28 Nov 2018 20:19

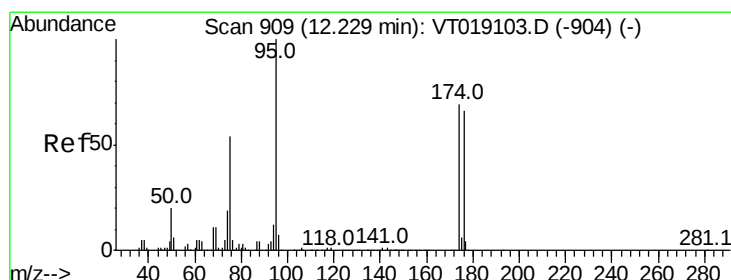
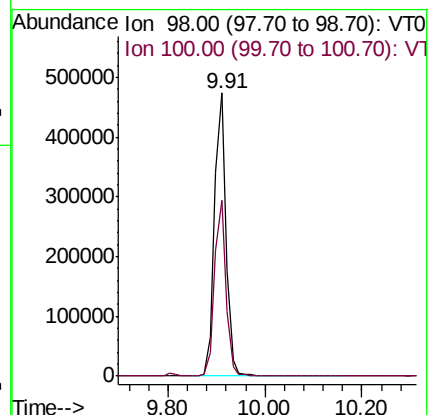
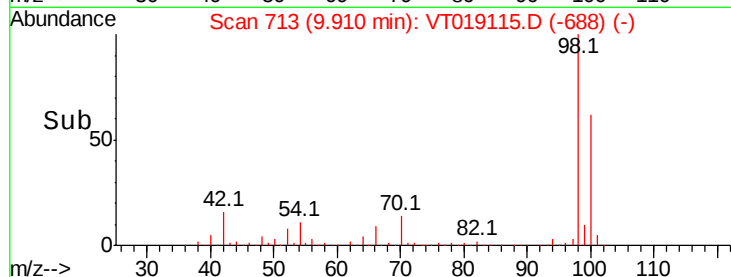
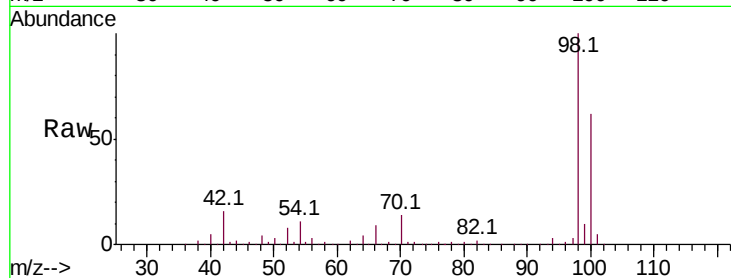
Instrument :
MSVOA_T
ClientSampleId :
MDL7

Tot Ion: 98 Resp: 787935

Ion Ratio Lower Upper

98 100

100 61.5 50.2 75.2



#14

4-Bromofluorobenzene

Concen: 52.255 ug/l

RT: 12.23 min Scan# 909

Delta R.T. 0.00 min

Lab File: VT019115.D

Acq: 28 Nov 2018 20:19

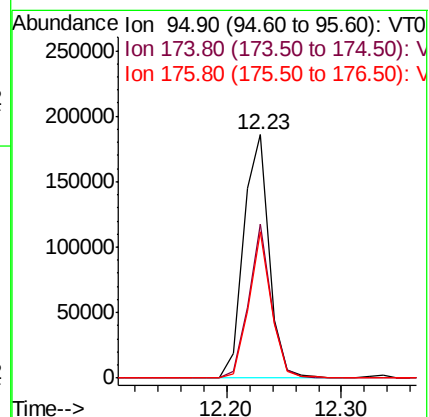
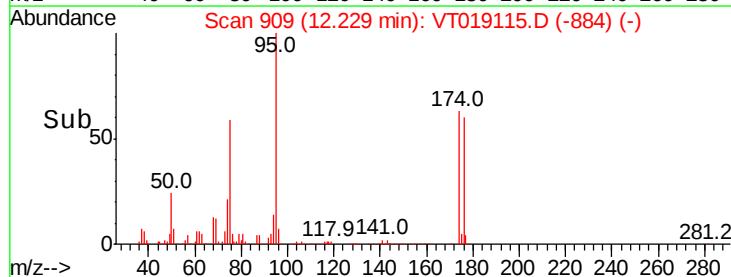
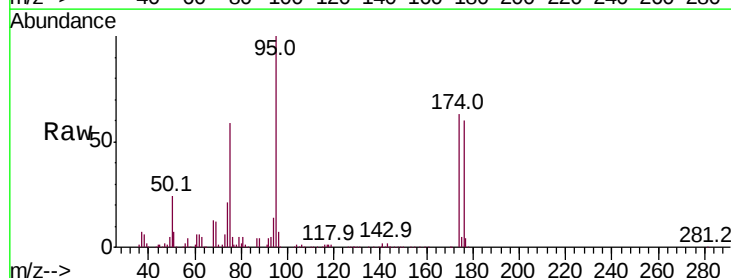
Tgt Ion: 95 Resp: 287073

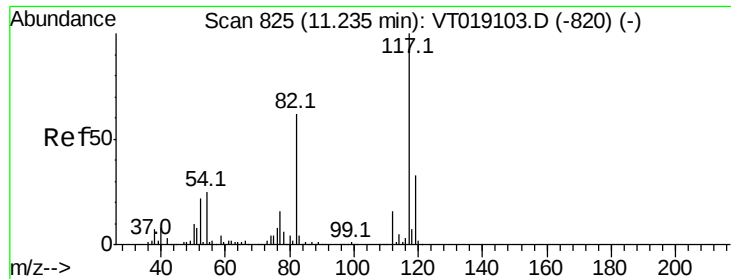
Ion Ratio Lower Upper

95 100

174 56.4 0.0 123.2

176 53.3 0.0 118.8

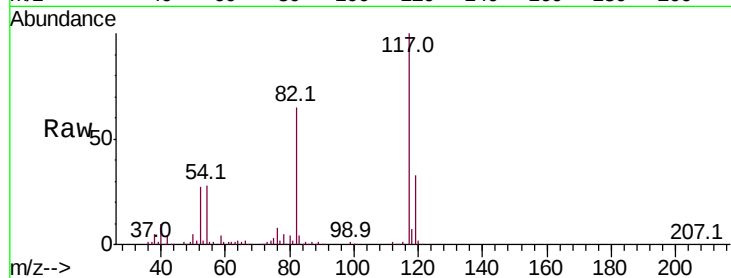




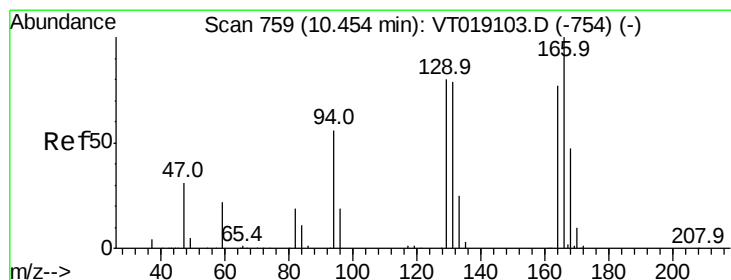
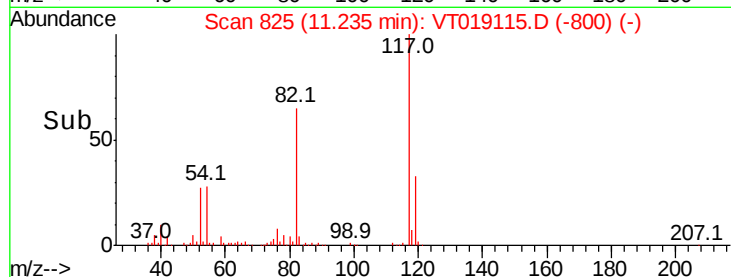
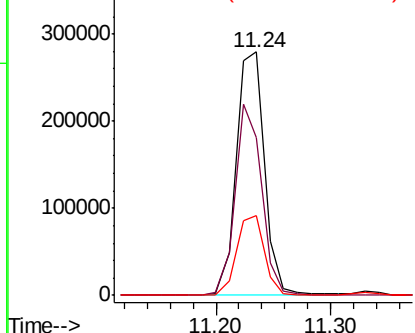
#15
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.24 min Scan# 825
Delta R.T. 0.00 min
Lab File: VT019115.D
Acq: 28 Nov 2018 20:19

Instrument :
MSVOA_T
ClientSampleId :
MDL7

Tot Ion:117 Resp: 483207
Ion Ratio Lower Upper
117 100
82 65.0 49.7 74.5
119 33.0 26.3 39.5

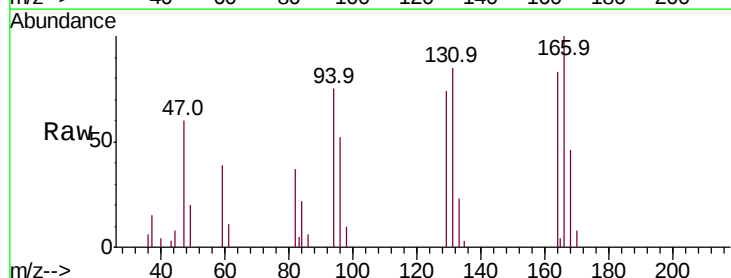


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VT0
Ion 118.90 (118.60 to 119.60): V

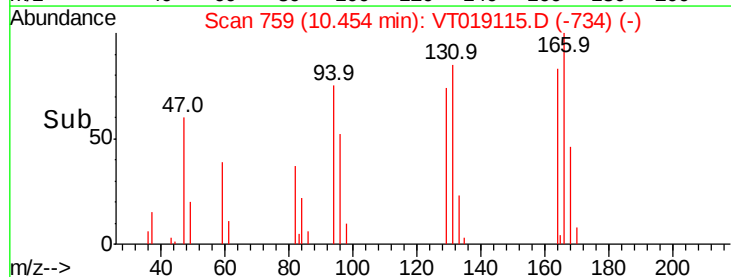
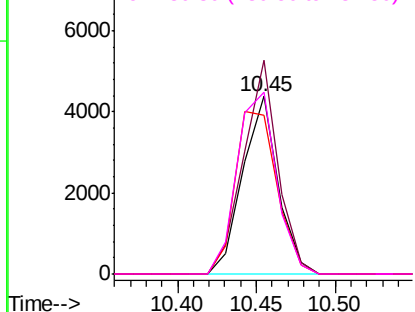


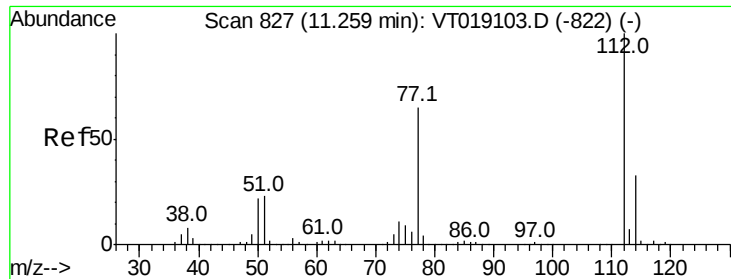
#16
Tetrachloroethene
Concen: 2.536 ug/l
RT: 10.45 min Scan# 759
Delta R.T. 0.00 min
Lab File: VT019115.D
Acq: 28 Nov 2018 20:19

Tgt Ion:164 Resp: 6827
Ion Ratio Lower Upper
164 100
166 120.1 103.6 155.4
129 89.1 82.9 124.3
131 102.4 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

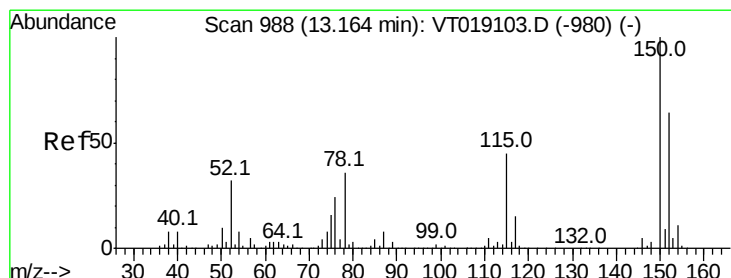
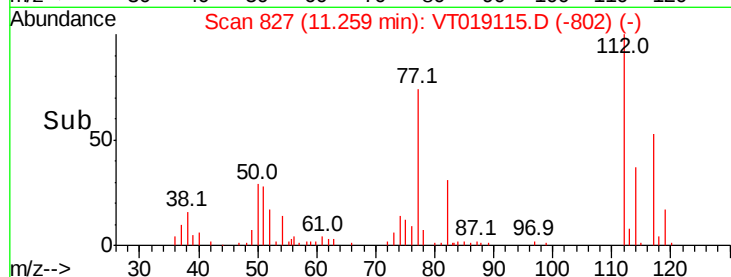
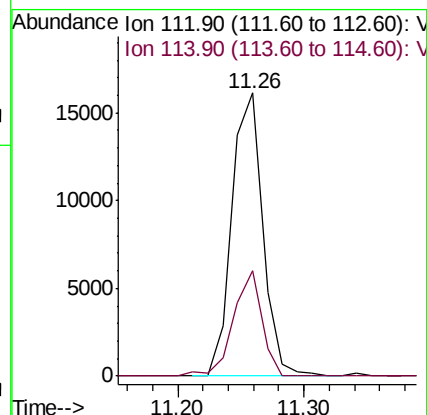
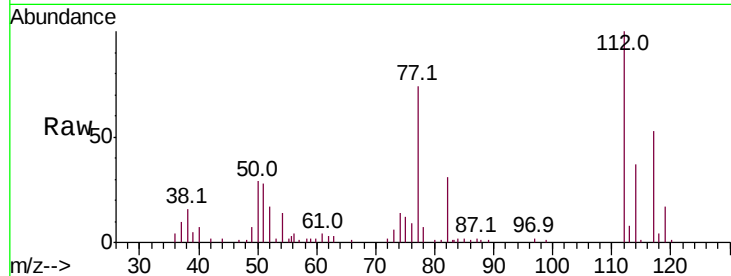




#17
Chlorobenzene
Concen: 2.506 ug/l
RT: 11.26 min Scan# 827
Delta R.T. 0.00 min
Lab File: VT019115.D
Acq: 28 Nov 2018 20:19

Instrument :
MSVOA_T
ClientSampleId :
MDL7

Tot Ion:112 Resp: 27466
Ion Ratio Lower Upper
112 100
114 37.3 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: VT019115.D
Acq: 28 Nov 2018 20:19

Tgt Ion:152 Resp: 227231
Ion Ratio Lower Upper
152 100
115 74.4 33.0 99.0
150 163.1 0.0 343.6

