

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073019\
 Data File : VX011201.D
 Acq On : 30 Jul 2019 17:40
 Operator : JC/SP
 Sample : K4026-02DL 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0685DL

Quant Time: Jul 31 08:57:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

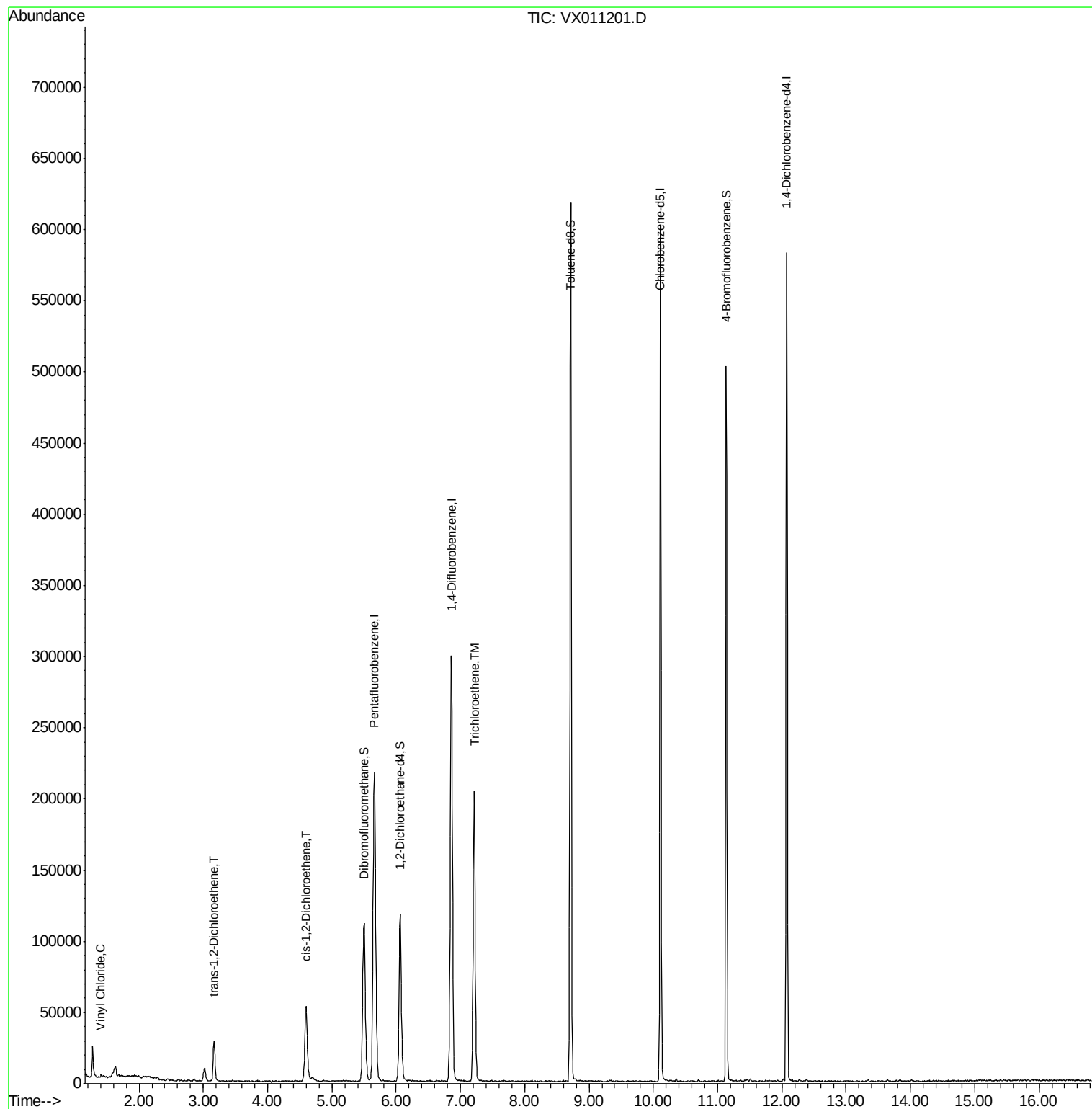
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	222115	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	316578	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	277783	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	126391	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	107396	45.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.90%	
35) Dibromofluoromethane	5.50	113	93443	46.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.00%	
50) Toluene-d8	8.71	98	363874	48.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.56%	
62) 4-Bromofluorobenzene	11.13	95	118739	42.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.72%	
Target Compounds						
4) Vinyl Chloride	1.40	62	1106	0.531	ug/l #	86
21) trans-1,2-Dichloroethene	3.17	96	12018	5.725	ug/l	90
27) cis-1,2-Dichloroethene	4.60	96	36657	15.088	ug/l	88
44) Trichloroethene	7.21	130	79838	33.861	ug/l	92

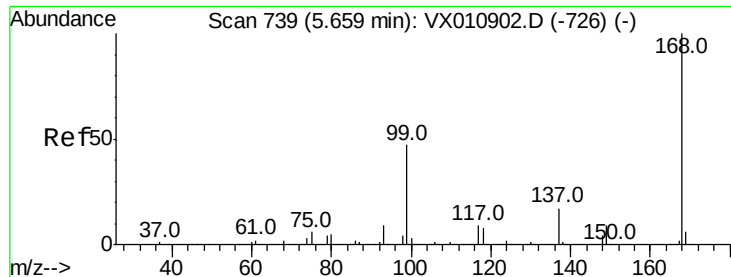
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX011201.D

Acq: 30 Jul 2019 17:40

Instrument :

MSVOA_X

ClientSampled :

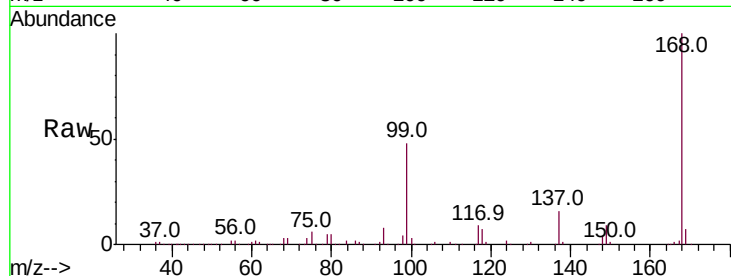
Z3-0685DL

Tot Ion:168 Resp: 222115

Ion Ratio Lower Upper

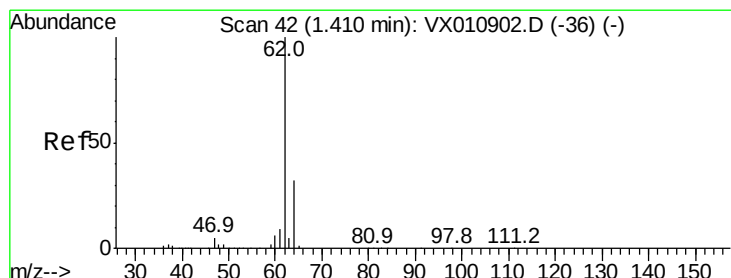
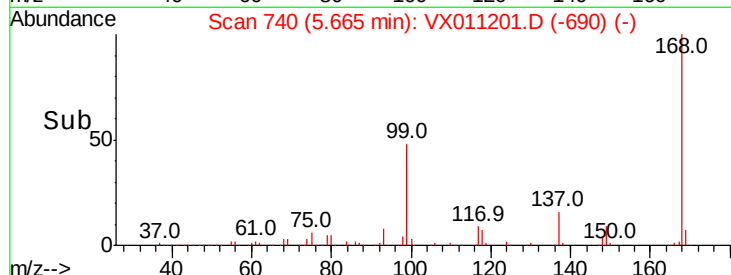
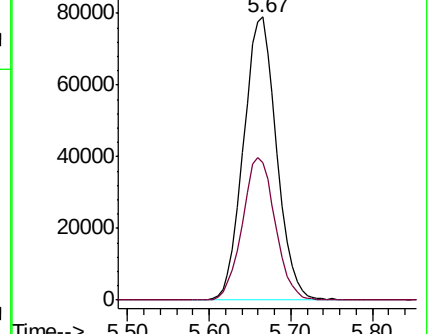
168 100

99 48.3 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 0.531 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX011201.D

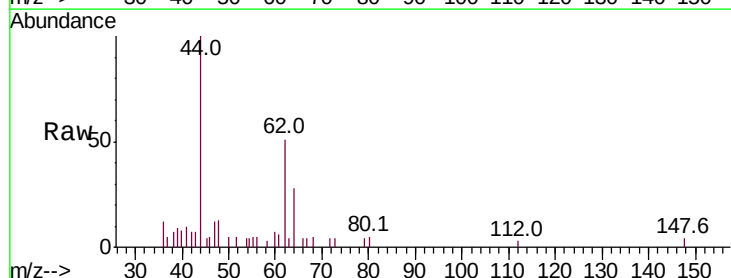
Acq: 30 Jul 2019 17:40

Tgt Ion: 62 Resp: 1106

Ion Ratio Lower Upper

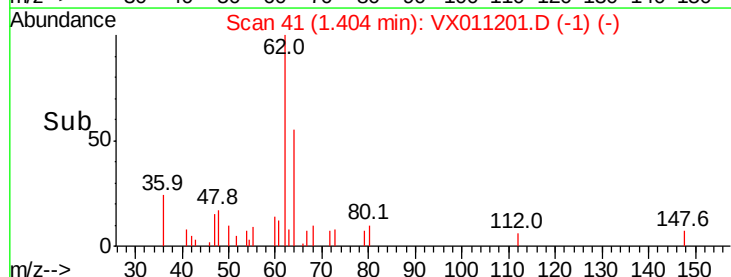
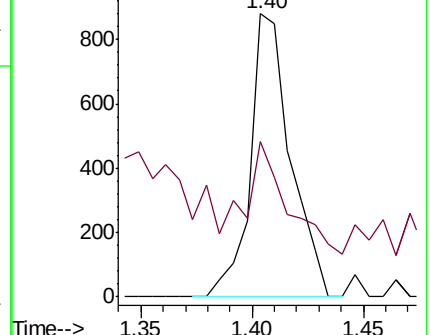
62 100

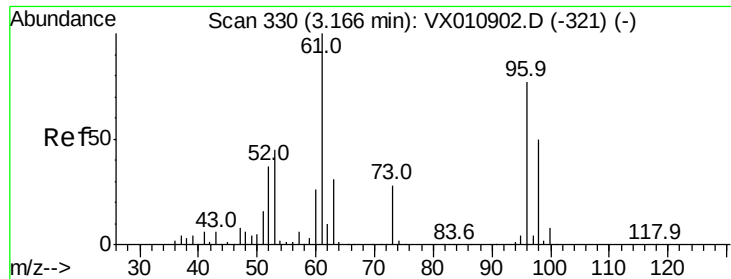
64 39.7 25.7 38.5#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 5.725 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX011201.D

Acq: 30 Jul 2019 17:40

Instrument :

MSVOA_X

ClientSampleId :

Z3-0685DL

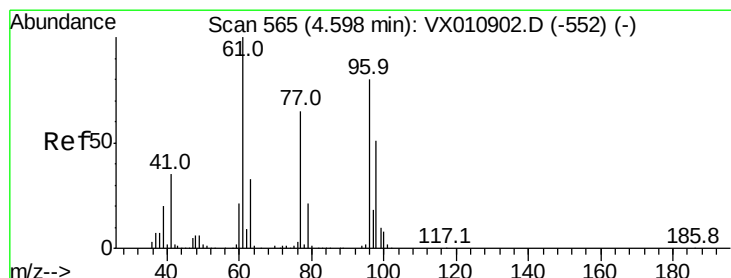
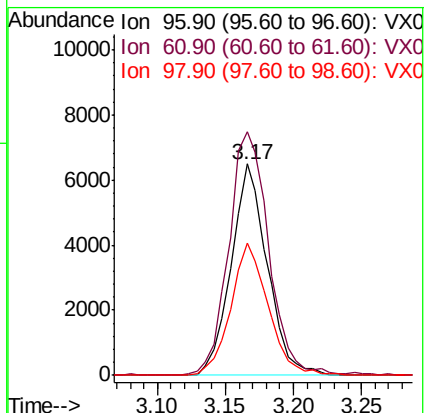
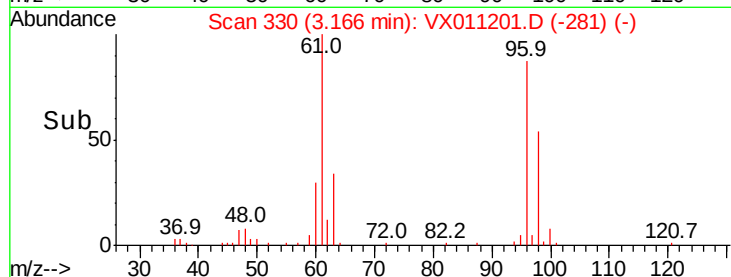
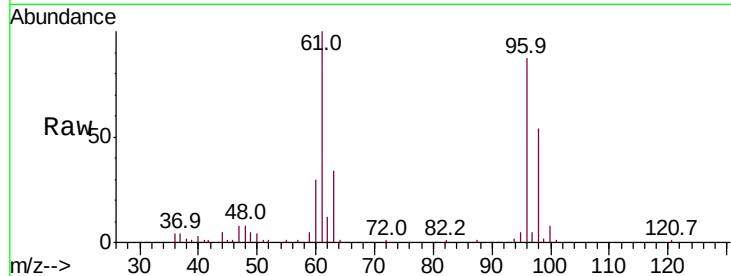
Tot Ion: 96 Resp: 12018

Ion Ratio Lower Upper

96 100

61 114.6 104.2 156.2

98 62.5 52.2 78.4



#27

cis-1,2-Dichloroethene

Concen: 15.088 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX011201.D

Acq: 30 Jul 2019 17:40

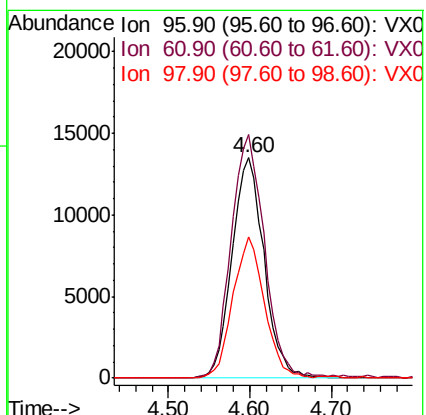
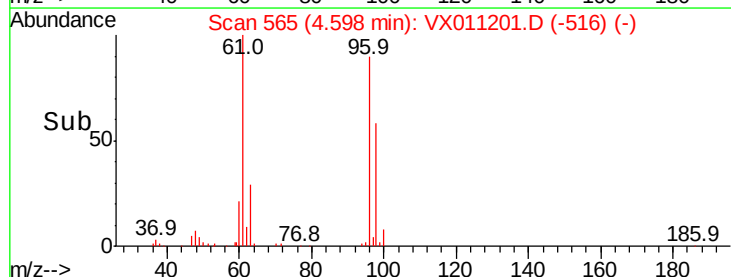
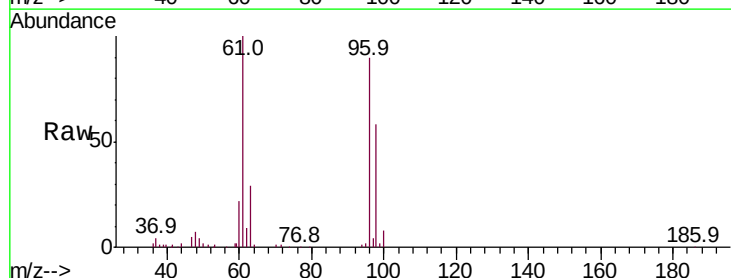
Tgt Ion: 96 Resp: 36657

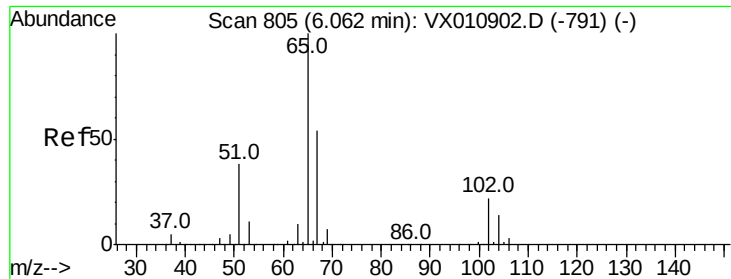
Ion Ratio Lower Upper

96 100

61 114.9 0.0 269.0

98 62.9 0.0 131.4

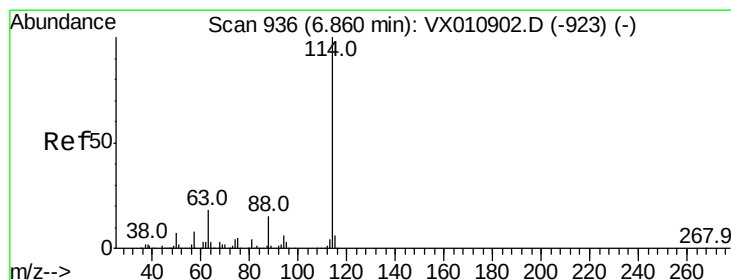
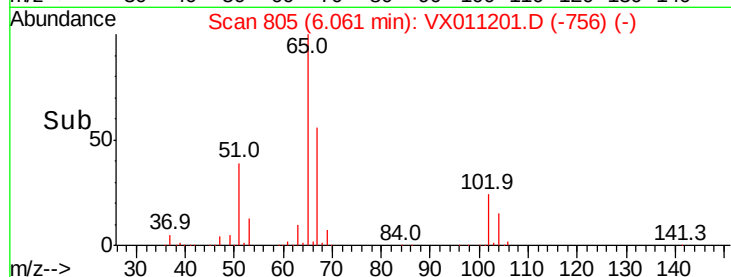
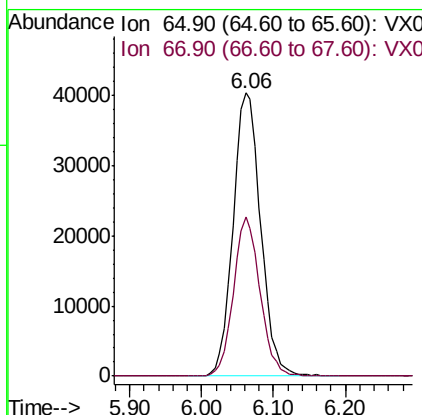
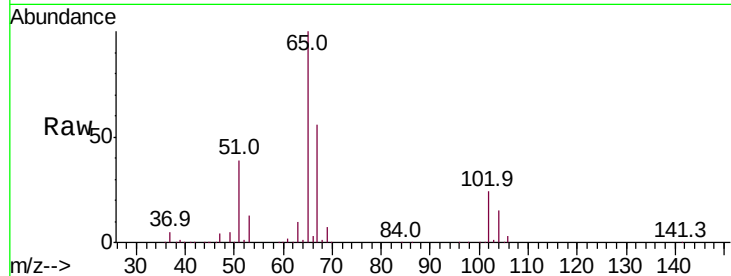




#33
 1,2-Dichloroethane-d4
 Concen: 45.450 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX011201.D
 Acq: 30 Jul 2019 17:40

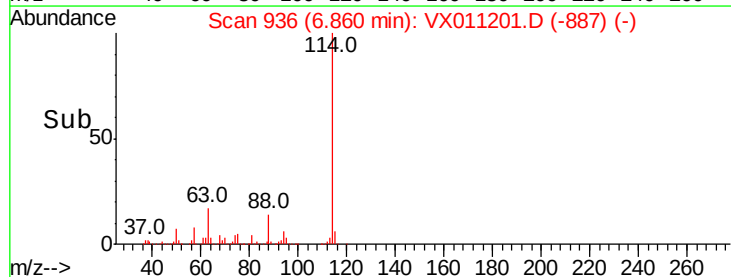
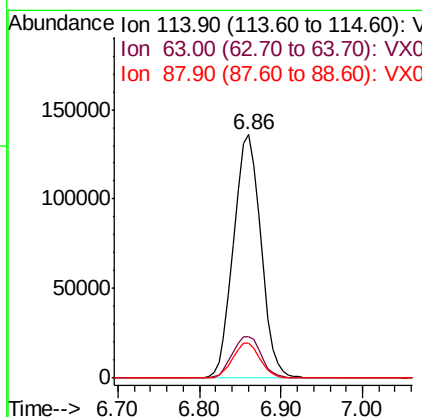
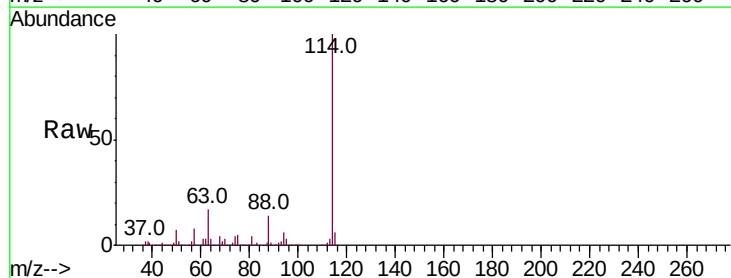
Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0685DL

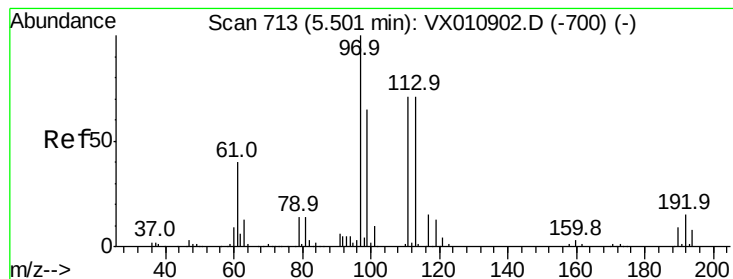
Tot Ion: 65 Resp: 107396
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX011201.D
 Acq: 30 Jul 2019 17:40

Tgt Ion: 114 Resp: 316578
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 35.6
 88 14.4 0.0 29.8





#35

Dibromofluoromethane

Concen: 46.503 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX011201.D

Acq: 30 Jul 2019 17:40

Instrument :

MSVOA_X

ClientSampleId :

Z3-0685DL

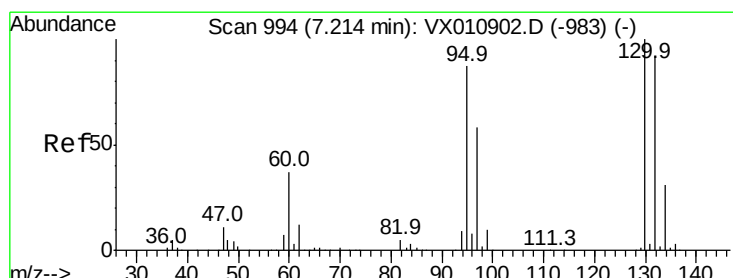
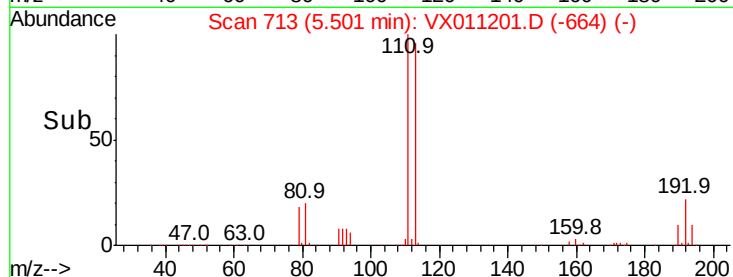
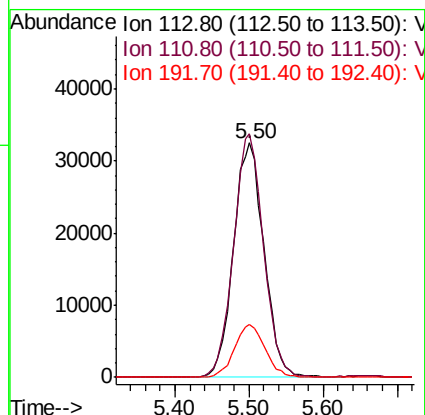
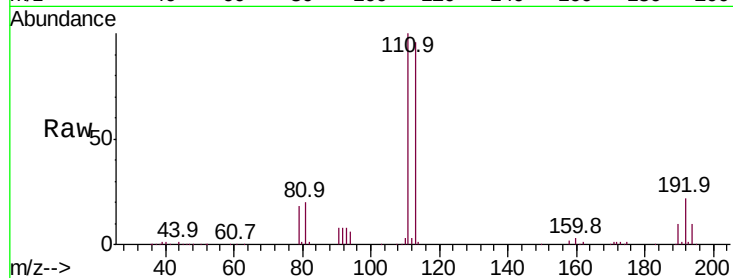
Tot Ion:113 Resp: 93443

Ion Ratio Lower Upper

113 100

111 101.8 82.3 123.5

192 22.7 17.4 26.2



#44

Trichloroethene

Concen: 33.861 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX011201.D

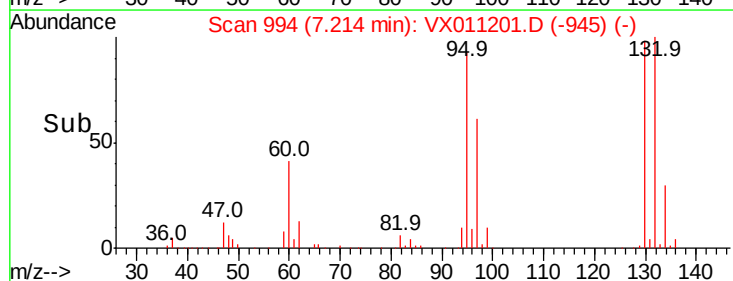
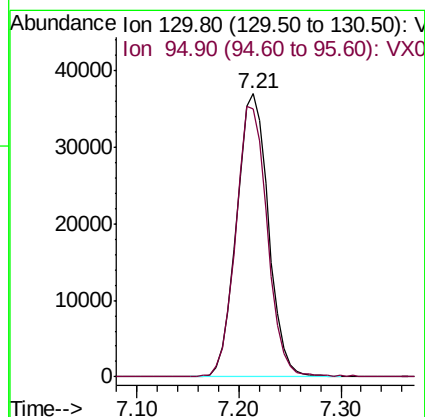
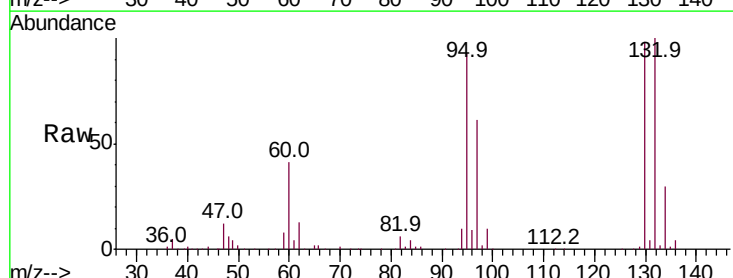
Acq: 30 Jul 2019 17:40

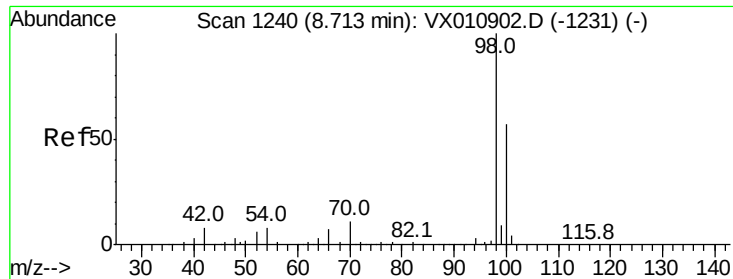
Tgt Ion:130 Resp: 79838

Ion Ratio Lower Upper

130 100

95 94.8 0.0 174.8

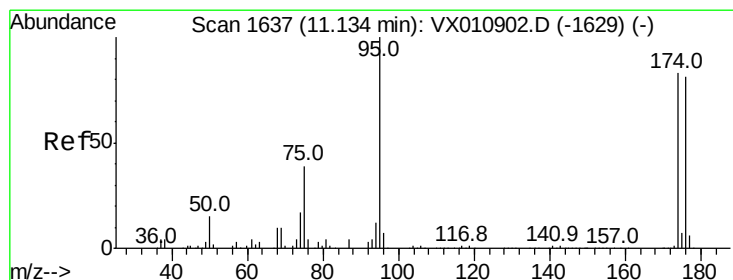
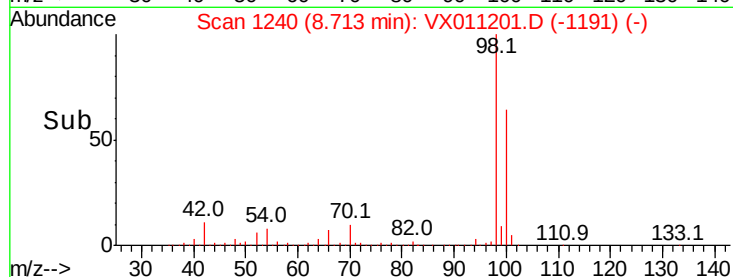
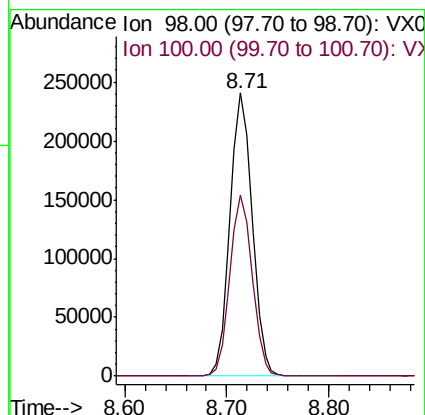
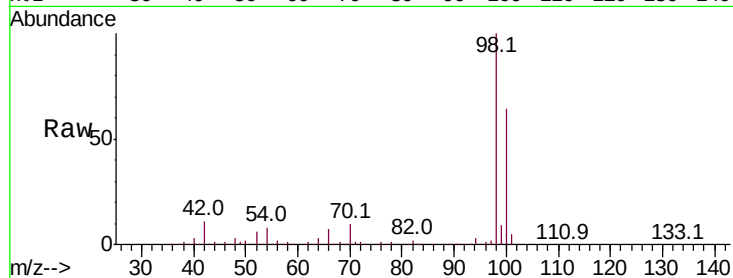




#50
Toluene-d8
Concen: 48.282 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011201.D
Acq: 30 Jul 2019 17:40

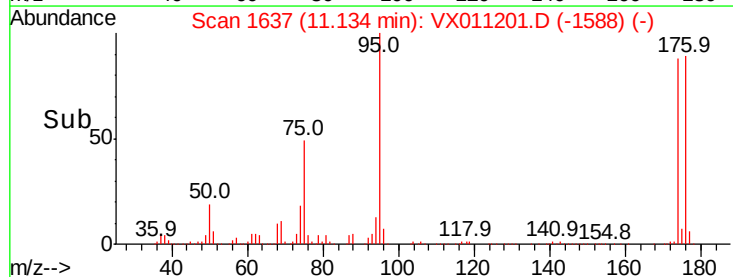
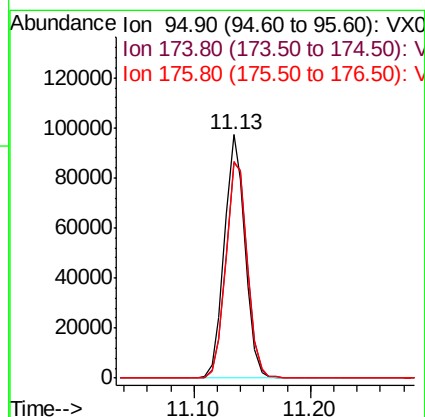
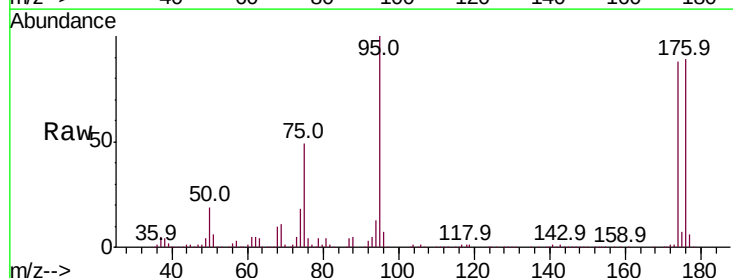
Instrument :
MSVOA_X
ClientSampleId :
Z3-0685DL

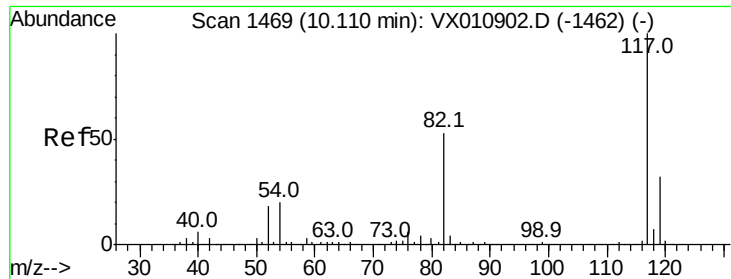
Tot Ion: 98 Resp: 363874
Ion Ratio Lower Upper
98 100
100 64.2 50.6 75.8



#62
4-Bromofluorobenzene
Concen: 42.863 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX011201.D
Acq: 30 Jul 2019 17:40

Tgt Ion: 95 Resp: 118739
Ion Ratio Lower Upper
95 100
174 92.8 0.0 180.6
176 91.8 0.0 173.8

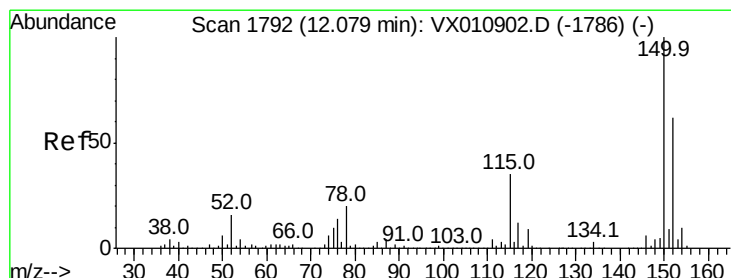
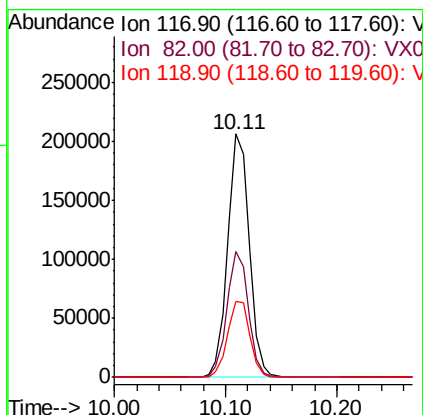
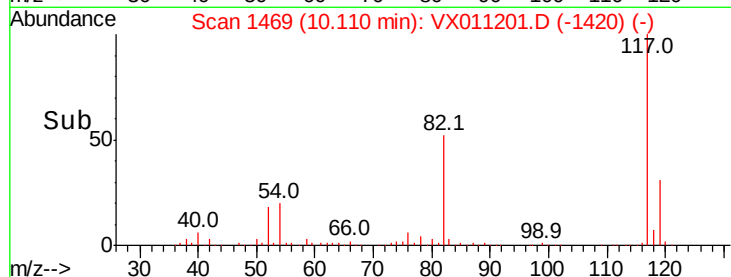
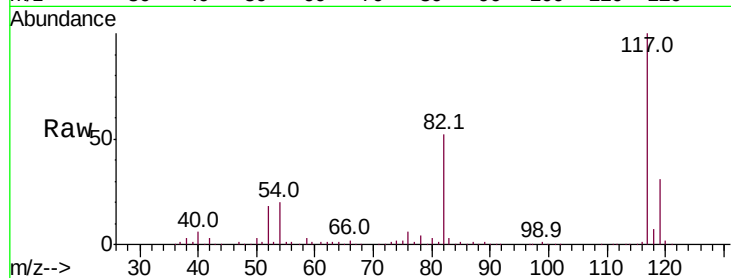




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011201.D
Acq: 30 Jul 2019 17:40

Instrument :
MSVOA_X
ClientSampled :
Z3-0685DL

Tot Ion:117 Resp: 277783
Ion Ratio Lower Upper
117 100
82 51.9 42.6 63.8
119 31.0 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX011201.D
Acq: 30 Jul 2019 17:40

Tgt Ion:152 Resp: 126391
Ion Ratio Lower Upper
152 100
115 55.2 39.7 119.1
150 157.5 0.0 345.6

