

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122018\
 Data File : VX006668.D
 Acq On : 20 Dec 2018 11:47
 Operator : JC/MD
 Sample : J6474-01DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0492DL

Quant Time: Dec 21 03:57:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

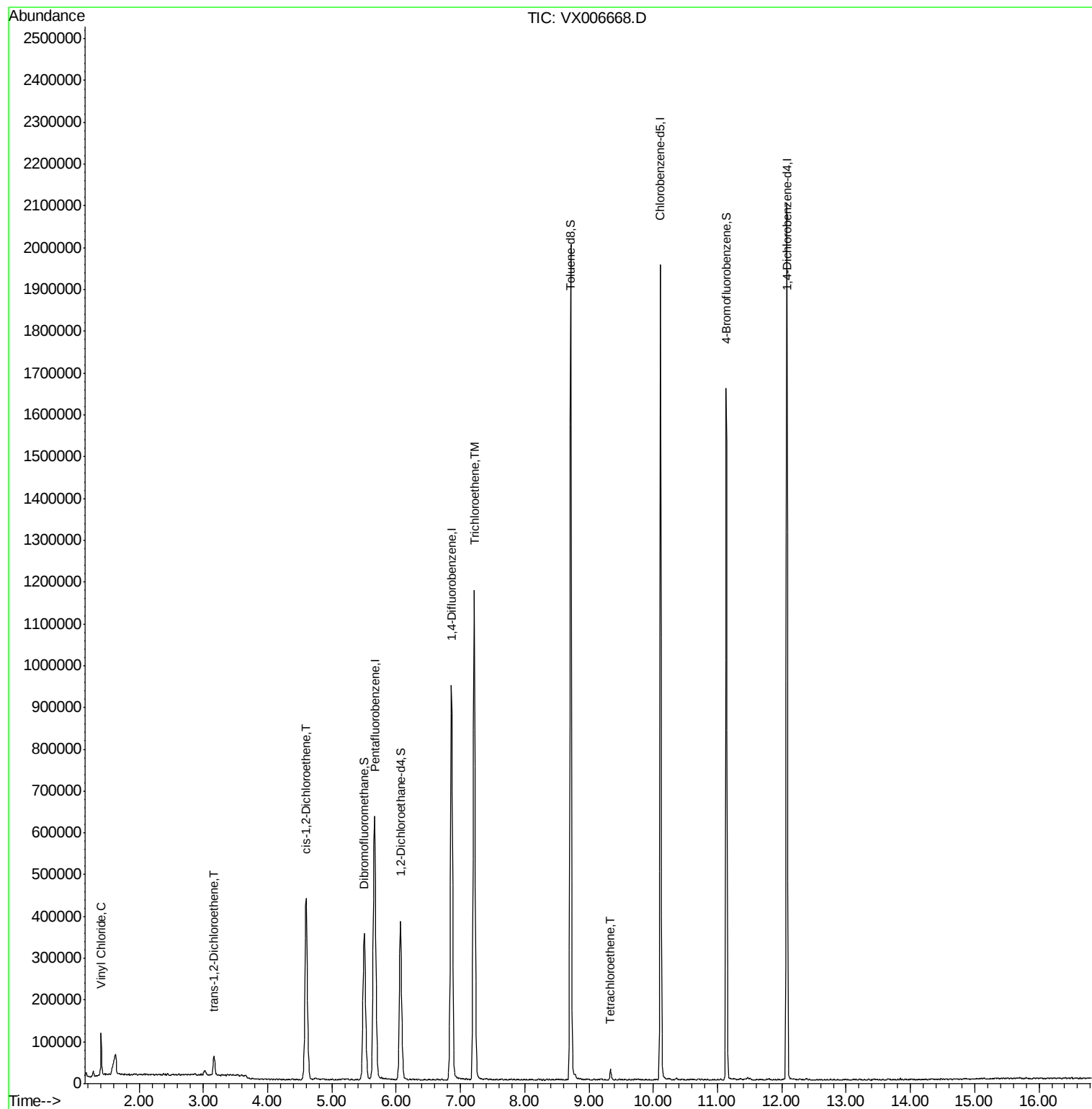
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	651827	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1025913	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	946978	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	460839	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	353301	50.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.58%	
35) Dibromofluoromethane	5.50	113	306744	47.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.56%	
50) Toluene-d8	8.71	98	1216860	49.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.50%	
62) 4-Bromofluorobenzene	11.13	95	438622	48.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.94%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.41	62	61121	9.109	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	19940	3.090	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	296909	41.703	ug/l	91
44) Trichloroethene	7.21	130	475280	60.799	ug/l	95
64) Tetrachloroethene	9.33	164	5314	0.709	ug/l #	85

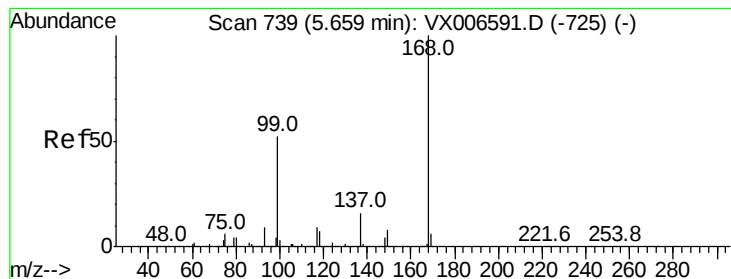
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX006668.D

Acq: 20 Dec 2018 11:47

Instrument :

MSVOA_X

ClientSampled :

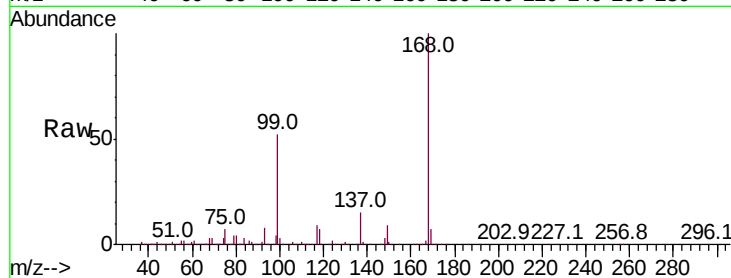
S49-0492DL

Tot Ion:168 Resp: 651827

Ion Ratio Lower Upper

168 100

99 52.3 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

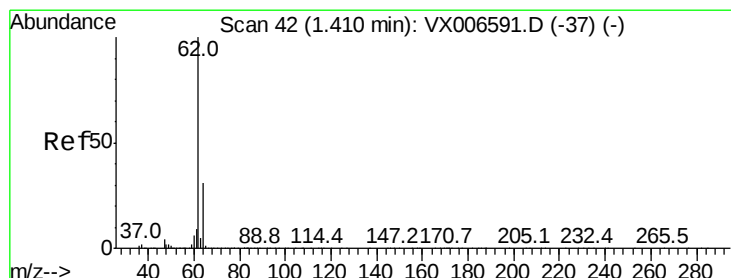
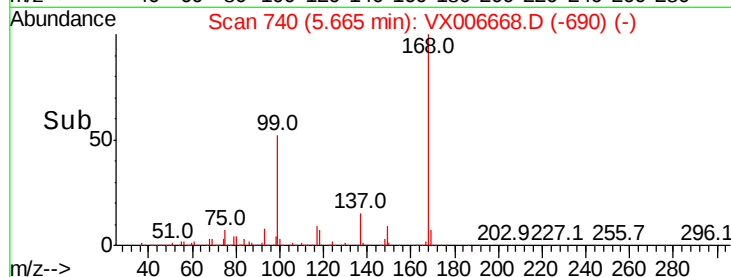
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 9.109 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006668.D

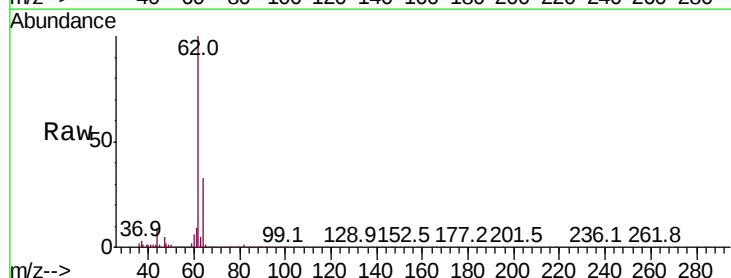
Acq: 20 Dec 2018 11:47

Tgt Ion: 62 Resp: 61121

Ion Ratio Lower Upper

62 100

64 32.9 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

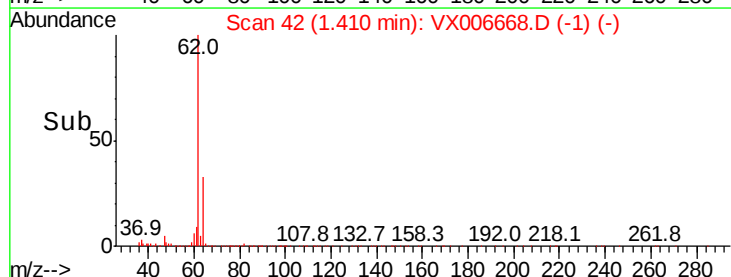
60000

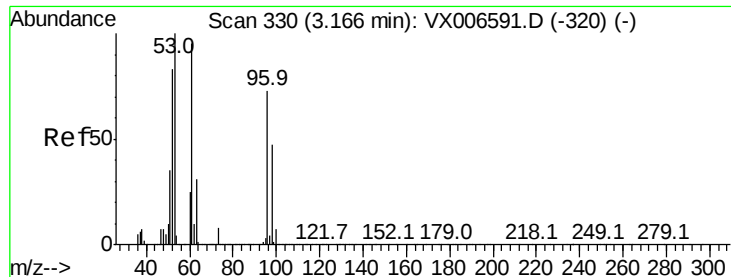
40000

20000

0

Time--> 1.35 1.40 1.45





#21

trans-1,2-Dichloroethene

Concen: 3.090 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006668.D

Acq: 20 Dec 2018 11:47

Instrument :

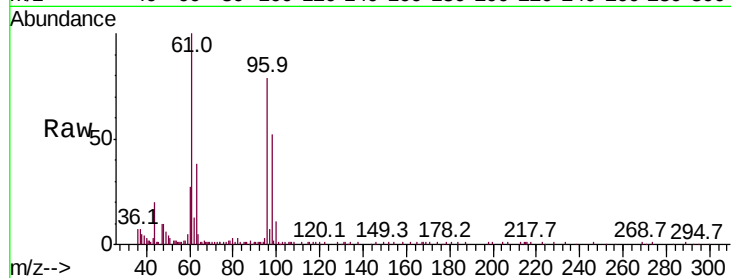
MSVOA_X

ClientSampleId :

S49-0492DL

Tot Ion: 96 Resp: 19940

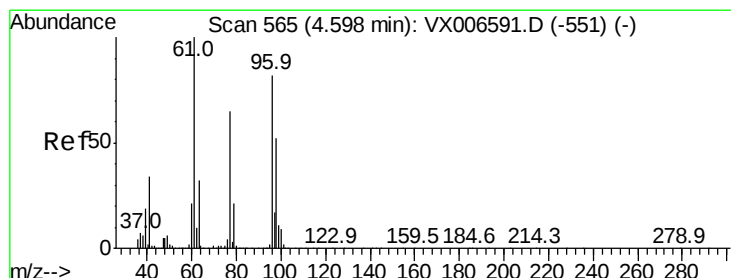
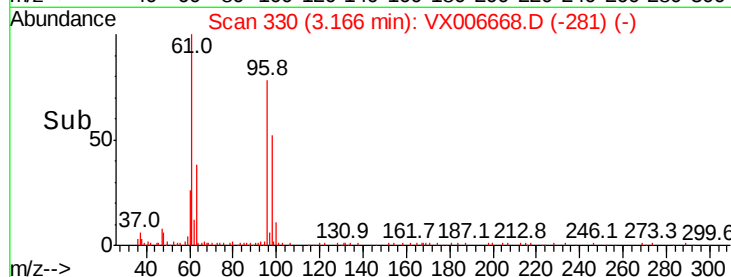
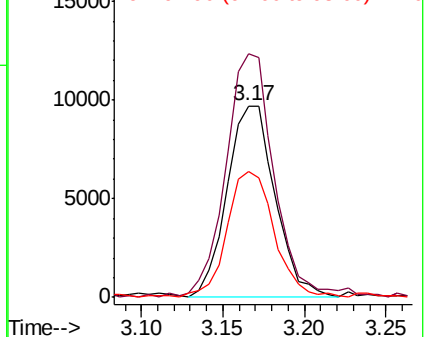
Ion	Ratio	Lower	Upper
96	100		
61	125.0	103.7	155.5
98	64.9	51.0	76.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 41.703 ug/l

RT: 4.60 min Scan# 565

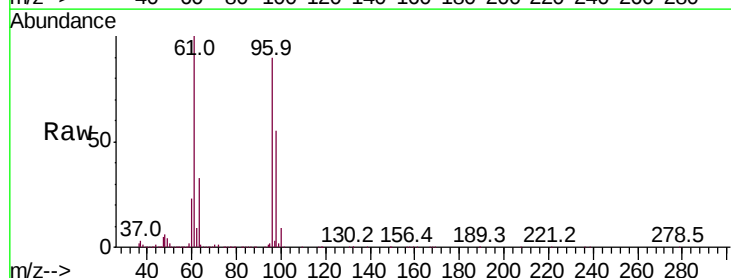
Delta R.T. -0.00 min

Lab File: VX006668.D

Acq: 20 Dec 2018 11:47

Tgt Ion: 96 Resp: 296909

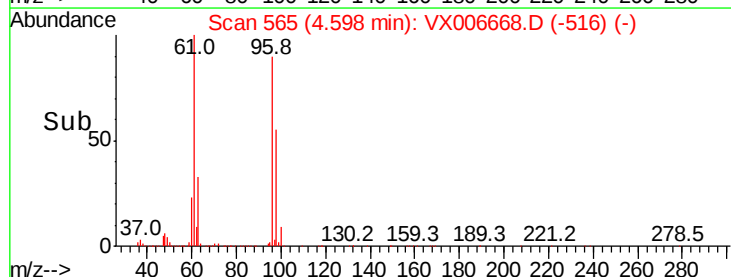
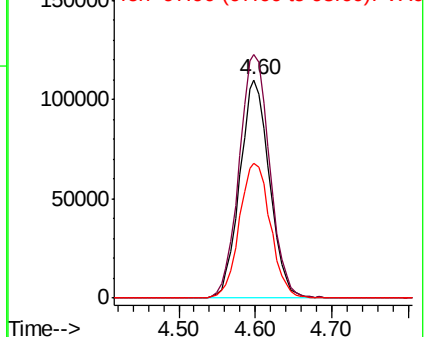
Ion	Ratio	Lower	Upper
96	100		
61	114.7	0.0	258.6
98	64.4	0.0	132.0

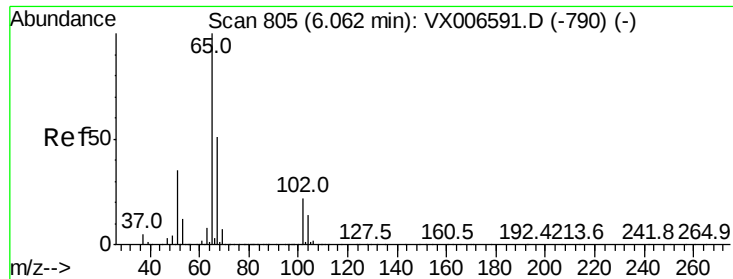


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 50.291 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006668.D

Acq: 20 Dec 2018 11:47

Instrument :

MSVOA_X

ClientSampleId :

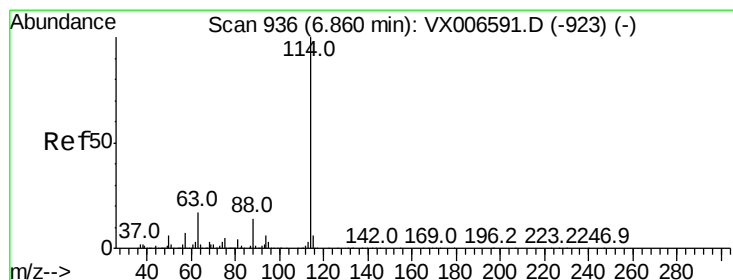
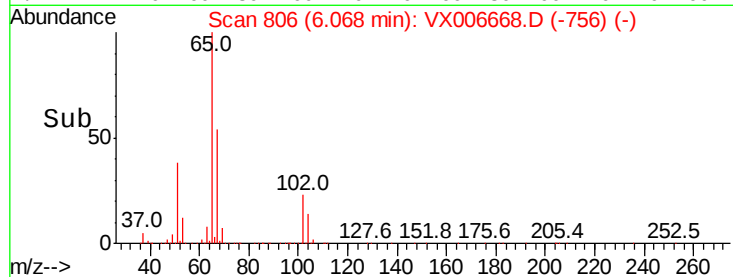
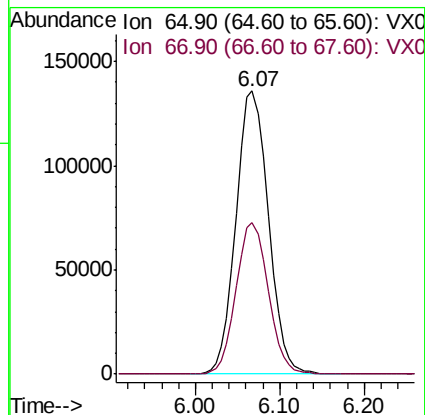
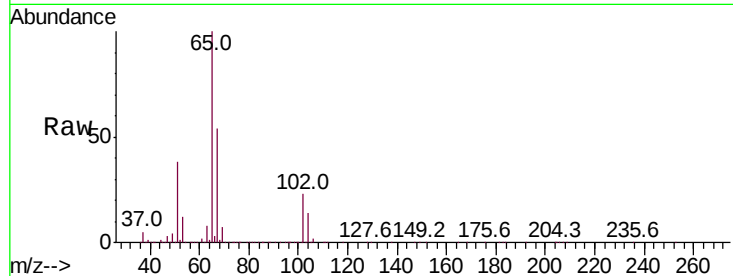
S49-0492DL

Tot Ion: 65 Resp: 353301

Ion Ratio Lower Upper

65 100

67 53.4 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006668.D

Acq: 20 Dec 2018 11:47

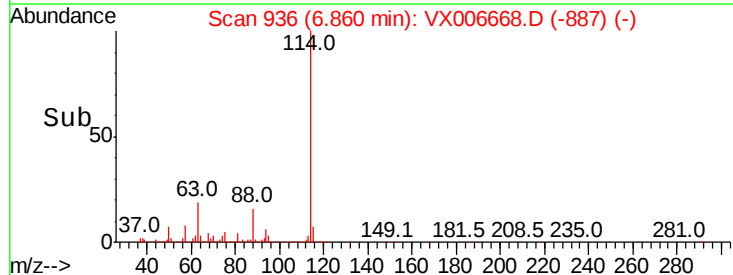
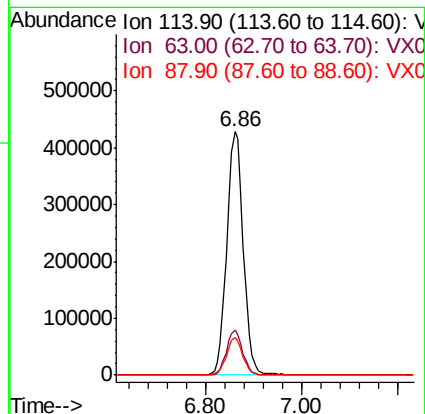
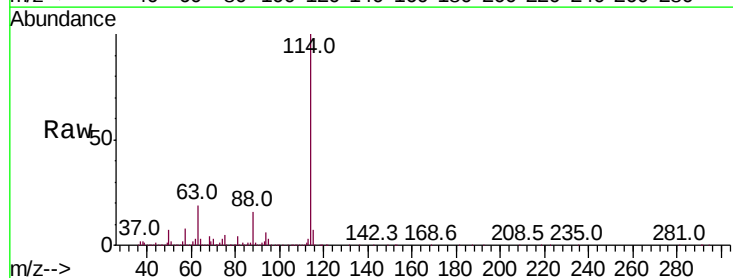
Tgt Ion: 114 Resp: 1025913

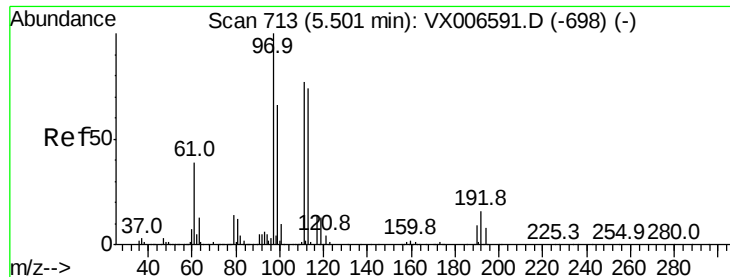
Ion Ratio Lower Upper

114 100

63 18.7 0.0 34.8

88 15.6 0.0 28.8





#35

Dibromofluoromethane

Concen: 47.281 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006668.D

Acq: 20 Dec 2018 11:47

Instrument :

MSVOA_X

ClientSampled :

S49-0492DL

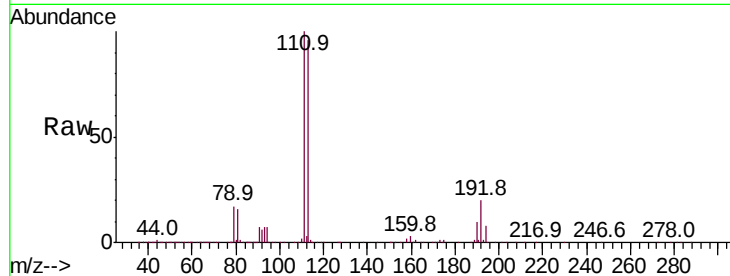
Tot Ion:113 Resp: 306744

Ion Ratio Lower Upper

113 100

111 101.7 81.6 122.4

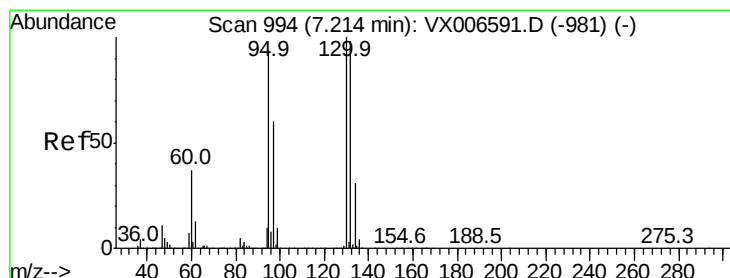
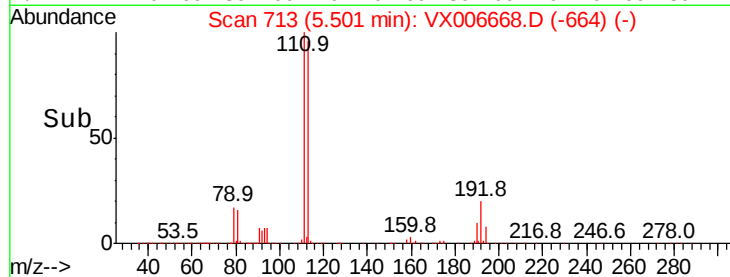
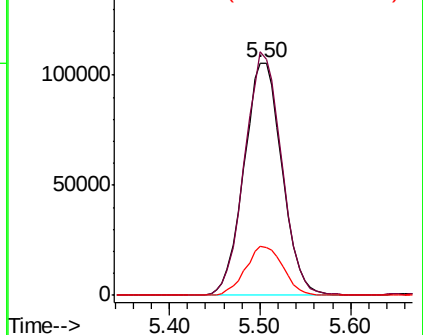
192 21.0 16.7 25.1



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



#44

Trichloroethene

Concen: 60.799 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX006668.D

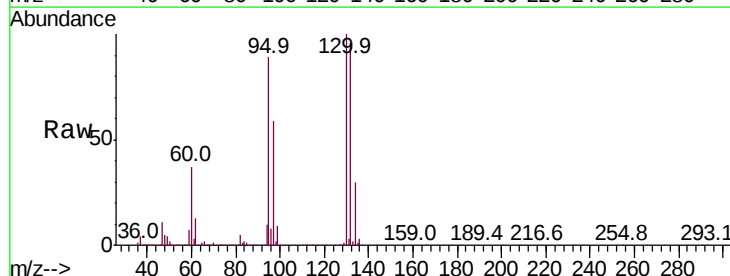
Acq: 20 Dec 2018 11:47

Tgt Ion:130 Resp: 475280

Ion Ratio Lower Upper

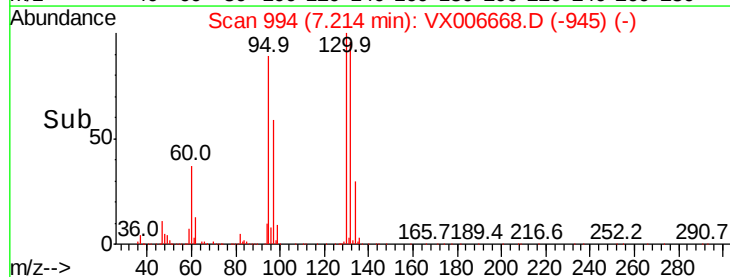
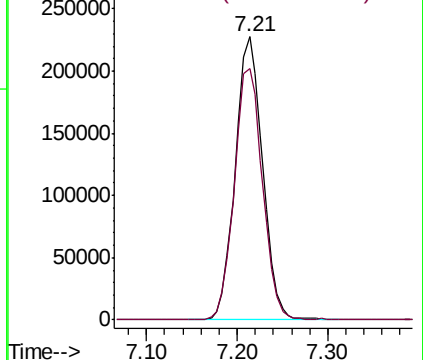
130 100

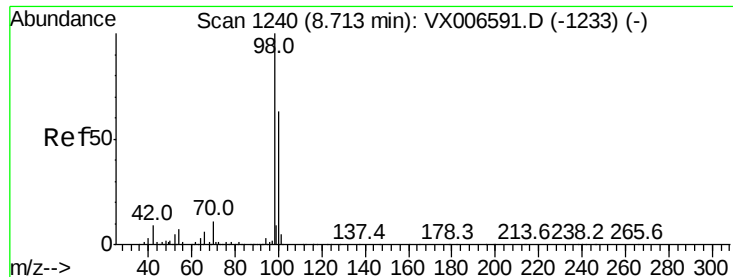
95 88.8 0.0 187.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 49.751 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006668.D

Acq: 20 Dec 2018 11:47

Instrument :

MSVOA_X

ClientSampleId :

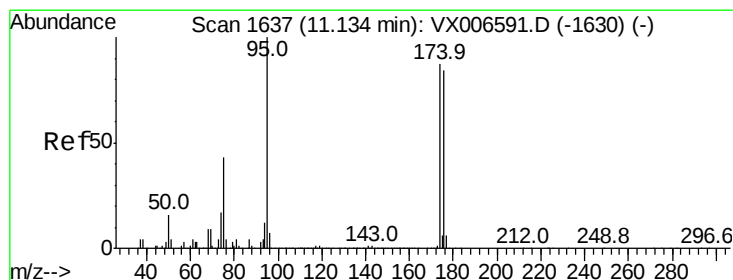
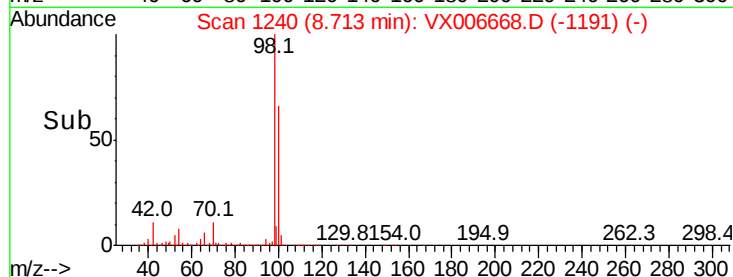
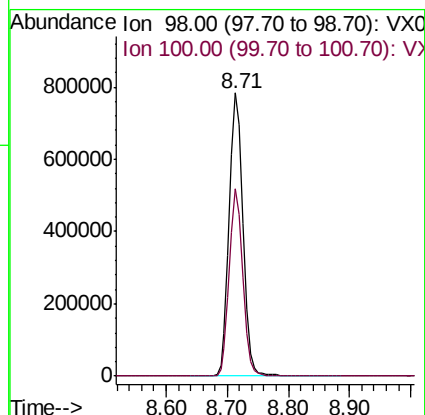
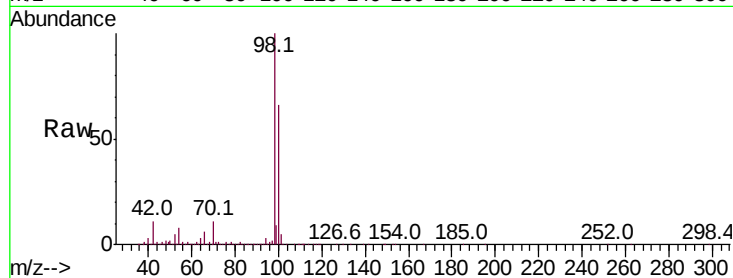
S49-0492DL

Tot Ion: 98 Resp: 1216860

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 48.965 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006668.D

Acq: 20 Dec 2018 11:47

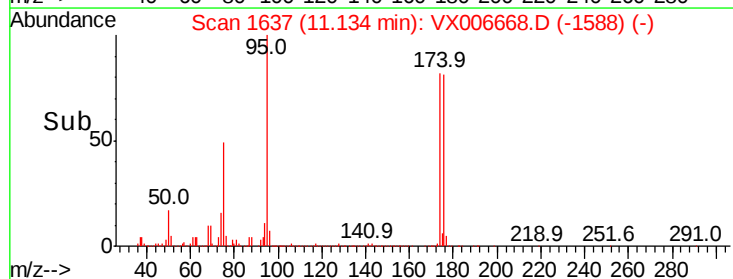
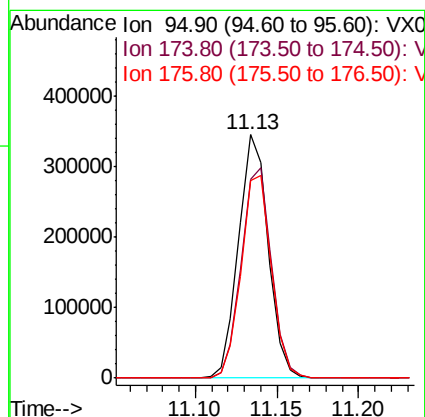
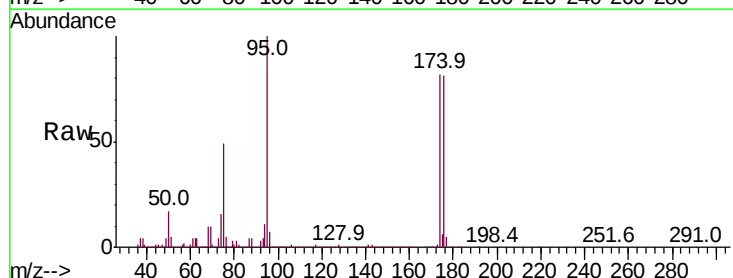
Tgt Ion: 95 Resp: 438622

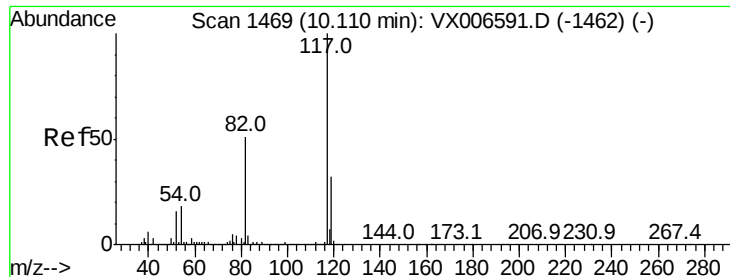
Ion Ratio Lower Upper

95 100

174 88.3 0.0 182.2

176 85.4 0.0 178.8

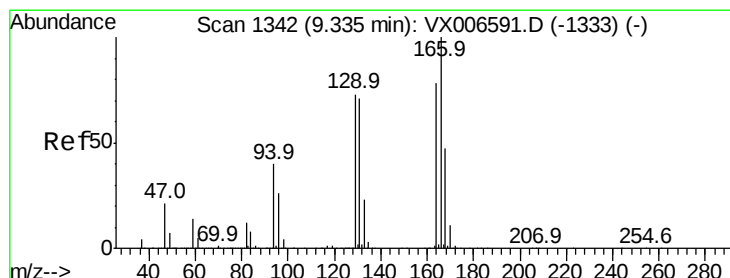
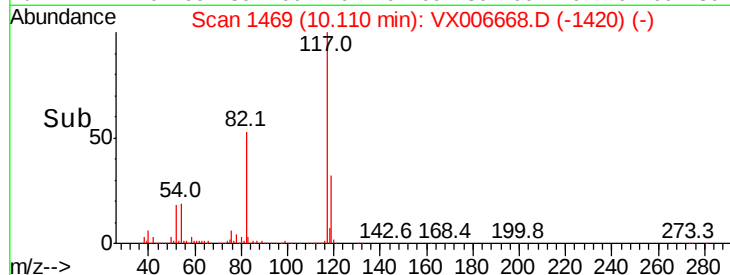
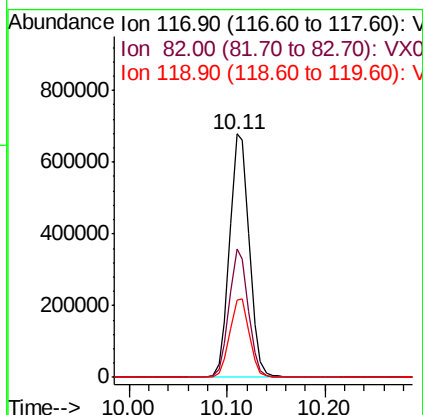
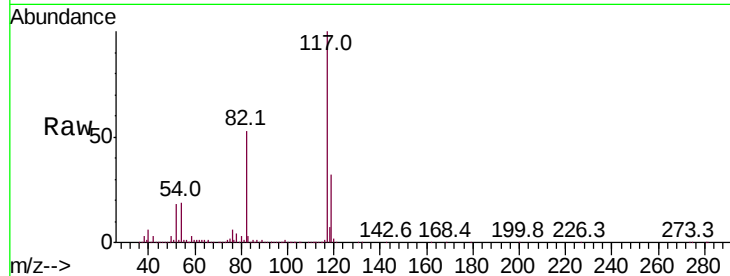




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX006668.D
Acq: 20 Dec 2018 11:47

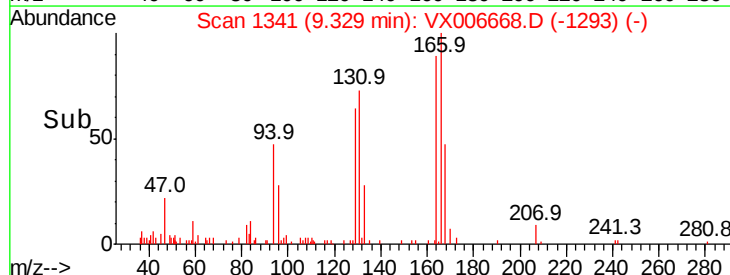
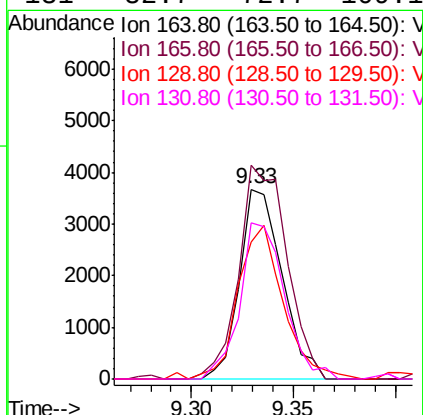
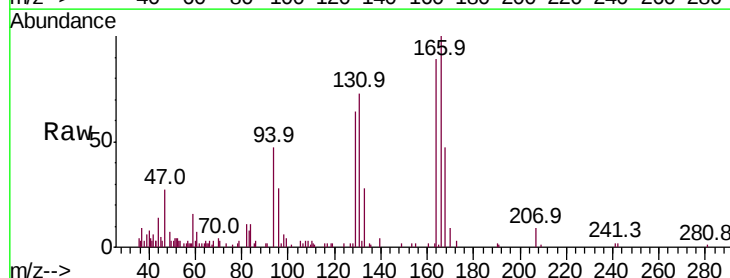
Instrument :
MSVOA_X
ClientSampleId :
S49-0492DL

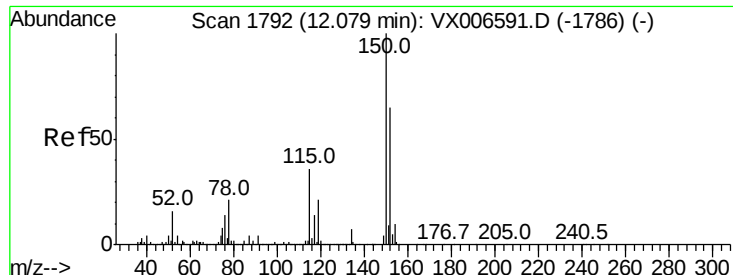
Tot Ion:117 Resp: 946978
Ion Ratio Lower Upper
117 100
82 52.9 41.0 61.6
119 31.9 25.4 38.0



#64
Tetrachloroethene
Concen: 0.709 ug/l
RT: 9.33 min Scan# 1341
Delta R.T. -0.01 min
Lab File: VX006668.D
Acq: 20 Dec 2018 11:47

Tgt Ion:164 Resp: 5314
Ion Ratio Lower Upper
164 100
166 112.7 102.5 153.7
129 72.2 75.1 112.7#
131 82.7 72.7 109.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006668.D

Acq: 20 Dec 2018 11:47

Instrument :

MSVOA_X

ClientSampleId :

S49-0492DL

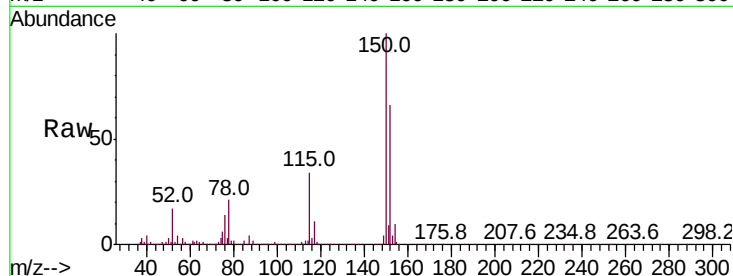
Tot Ion:152 Resp: 460839

Ion Ratio Lower Upper

152 100

115 55.5 39.1 117.2

150 155.7 0.0 344.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

