

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010319\
 Data File : VX006896.D
 Acq On : 03 Jan 2019 15:52
 Operator : JC/MD
 Sample : K1032-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0646

Quant Time: Jan 04 01:13:18 2019
 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

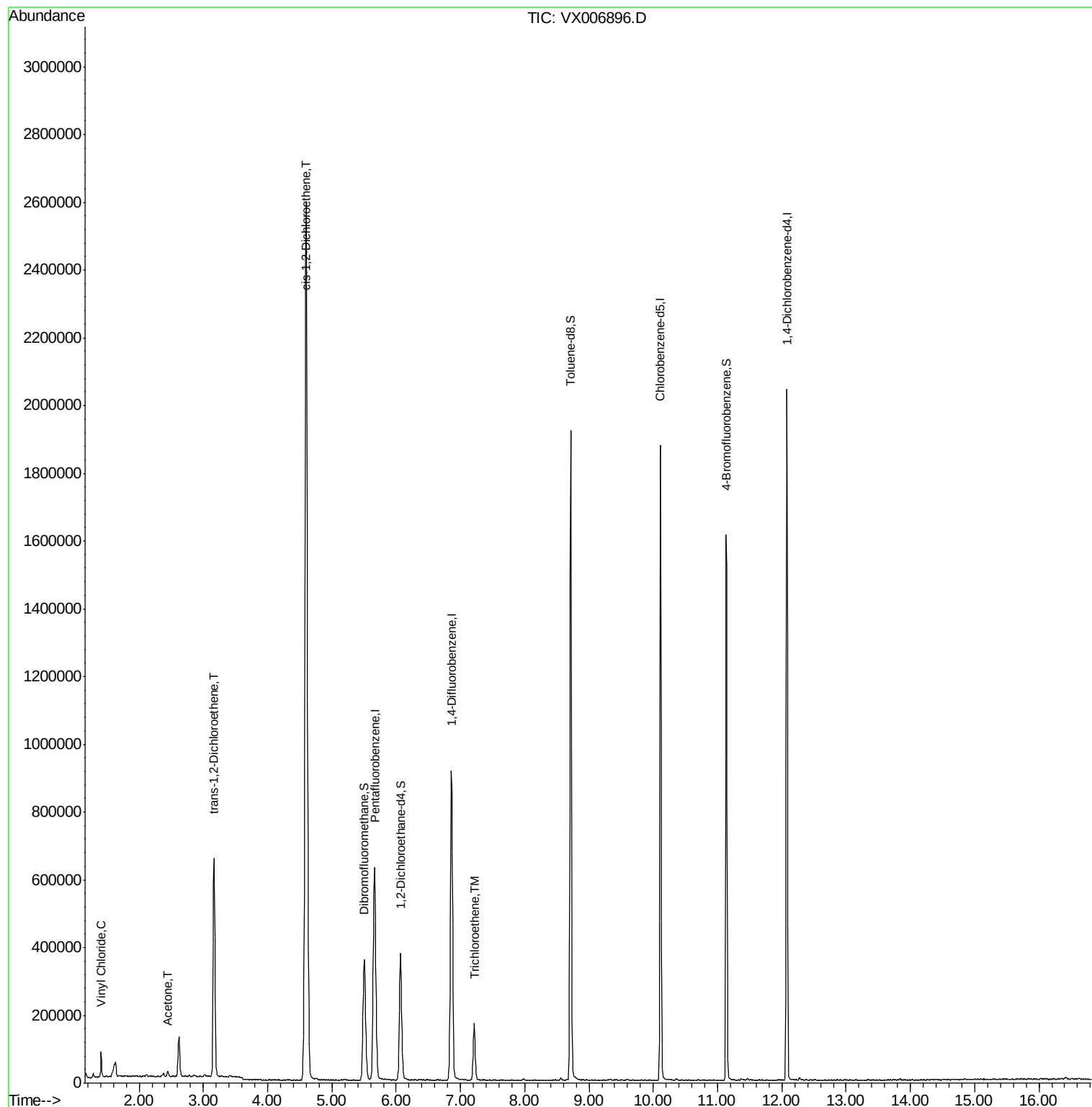
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	658620	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	996657	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	914784	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	440212	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	344476	48.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.06%	
35) Dibromofluoromethane	5.50	113	301542	47.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.68%	
50) Toluene-d8	8.71	98	1171133	49.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.58%	
62) 4-Bromofluorobenzene	11.13	95	416256	47.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.66%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.41	62	45891	6.769	ug/l	96
16) Acetone	2.45	43	18928	5.804	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	272395	41.778	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	1742121	242.172	ug/l	92
44) Trichloroethene	7.21	130	66693	8.782	ug/l	99

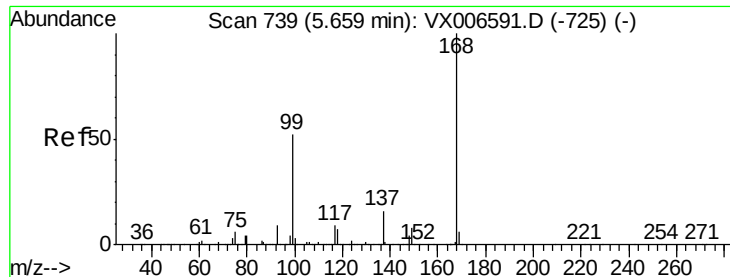
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
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: VX006896.D

Acq: 03 Jan 2019 15:52

Instrument :

MSVOA_X

ClientSampleId :

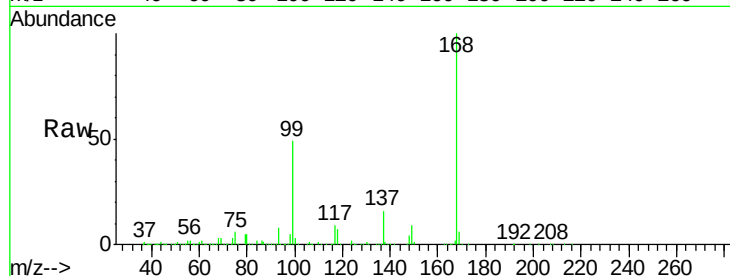
S32-0646

Tot Ion:168 Resp: 658620

Ion Ratio Lower Upper

168 100

99 49.4 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

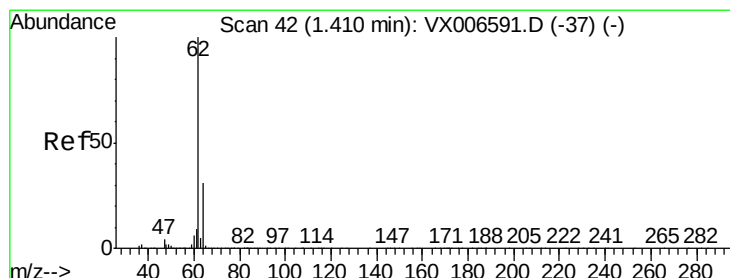
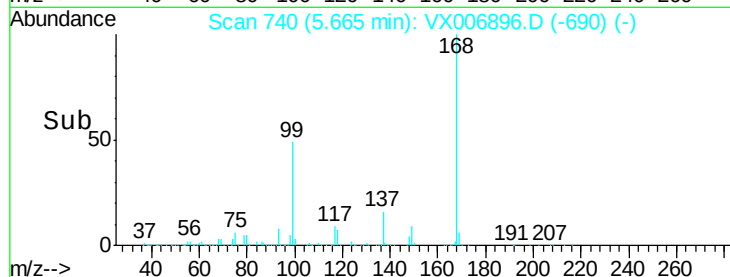
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 6.769 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006896.D

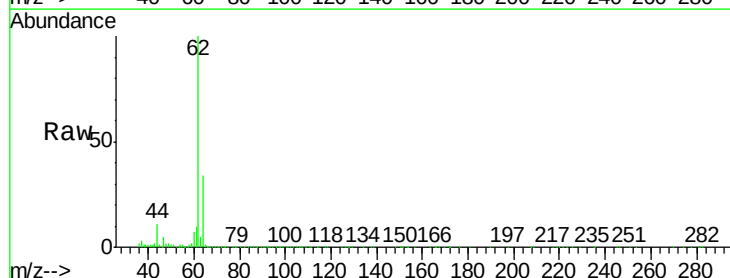
Acq: 03 Jan 2019 15:52

Tgt Ion: 62 Resp: 45891

Ion Ratio Lower Upper

62 100

64 33.4 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

50000

40000

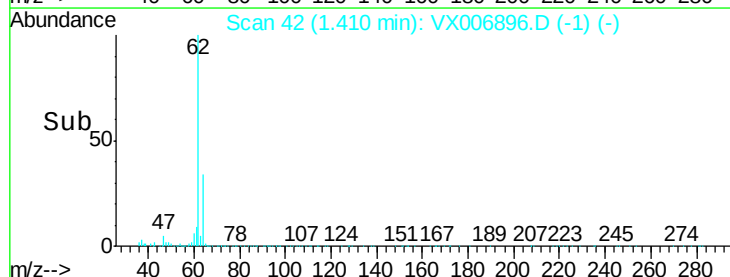
30000

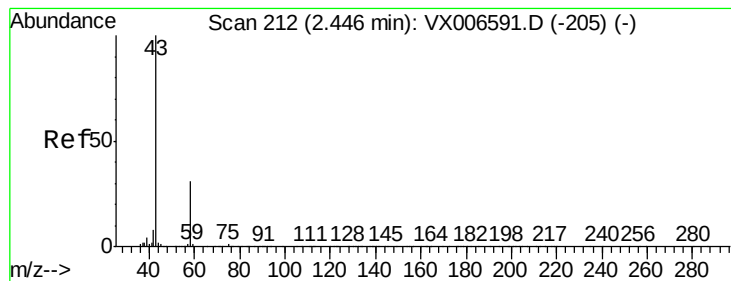
20000

10000

0

Time--> 1.35 1.40 1.45





#16

Acetone

Concen: 5.804 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006896.D

Acq: 03 Jan 2019 15:52

Instrument :

MSVOA_X

ClientSampleId :

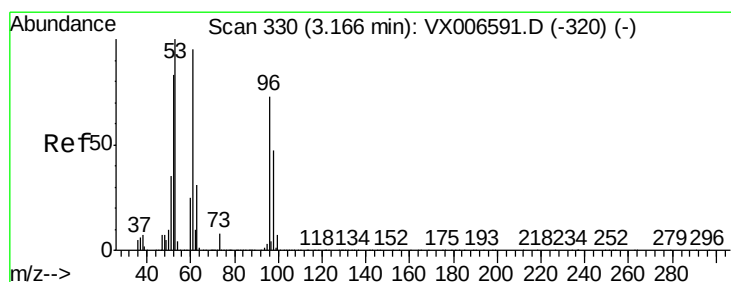
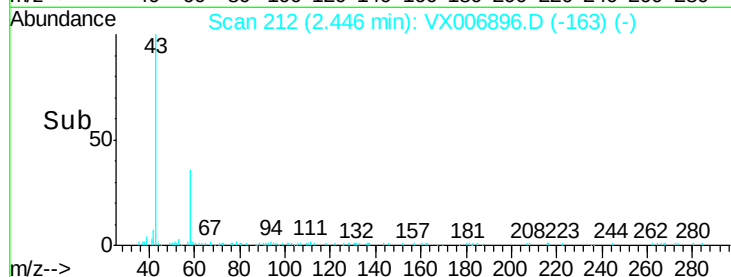
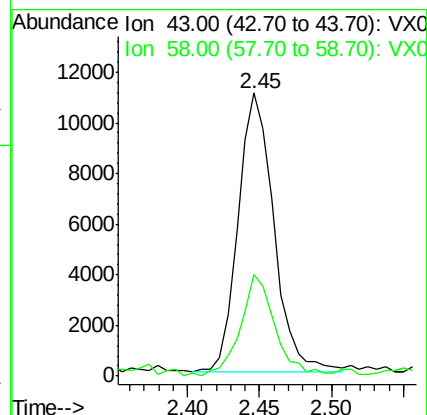
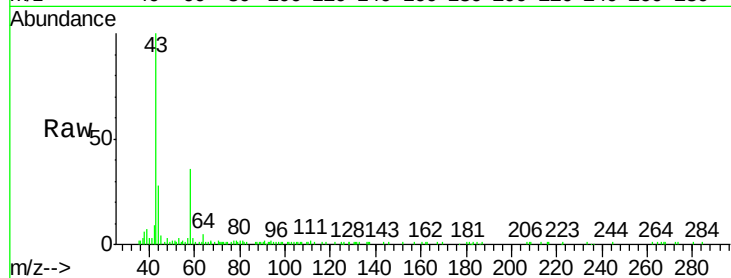
S32-0646

Tot Ion: 43 Resp: 18928

Ion Ratio Lower Upper

43 100

58 35.7 25.0 37.6



#21

trans-1,2-Dichloroethene

Concen: 41.778 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006896.D

Acq: 03 Jan 2019 15:52

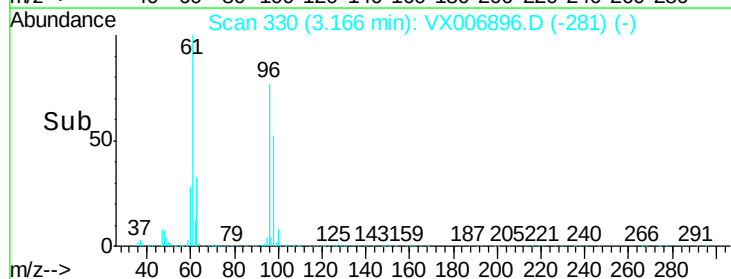
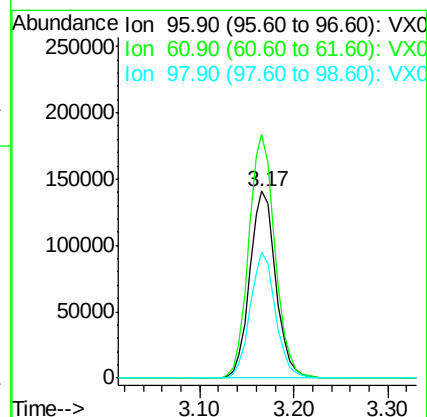
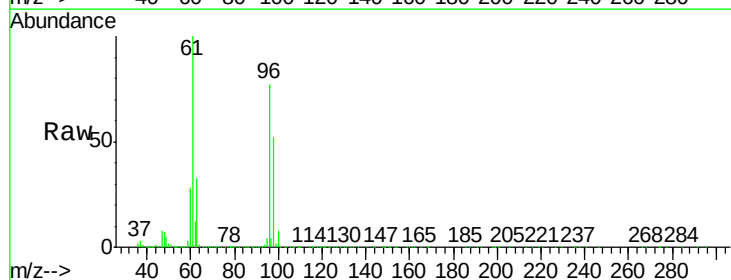
Tgt Ion: 96 Resp: 272395

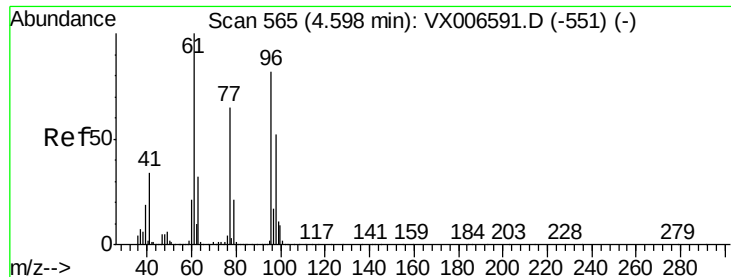
Ion Ratio Lower Upper

96 100

61 130.2 103.7 155.5

98 67.2 51.0 76.6



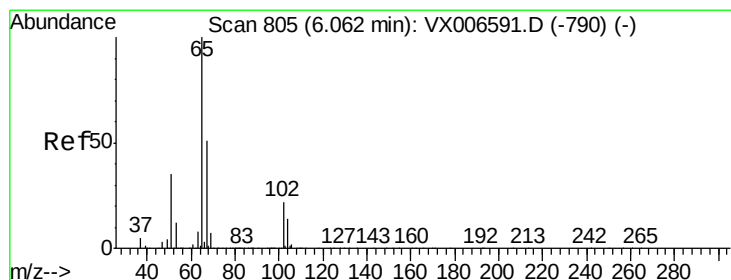
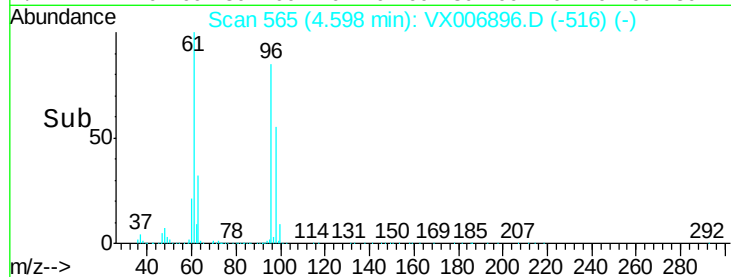
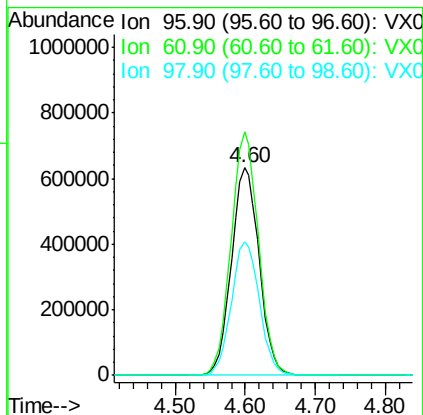
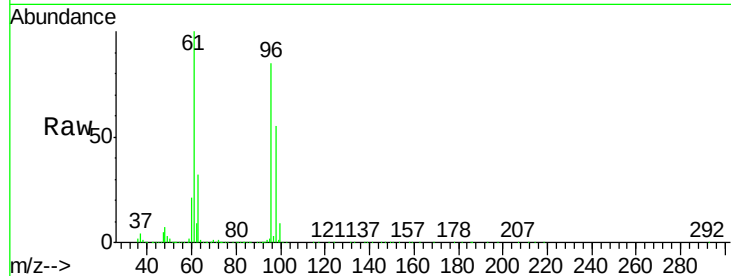


#27

cis-1,2-Dichloroethene
 Concen: 242.172 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX006896.D
 Acq: 03 Jan 2019 15:52

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0646

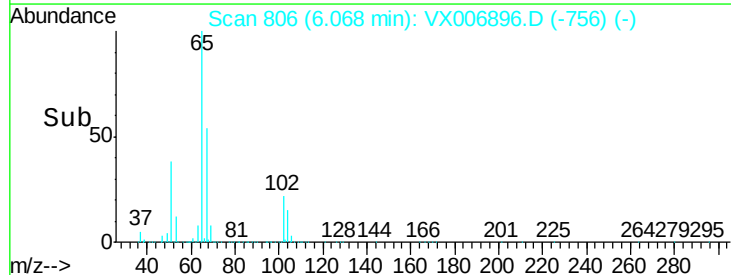
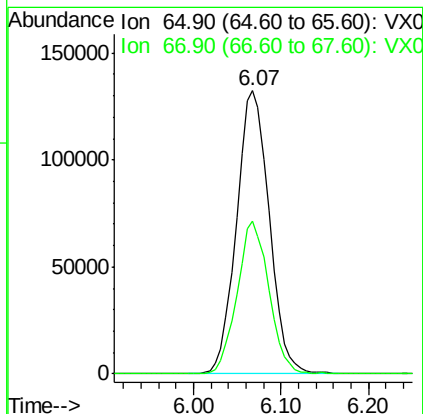
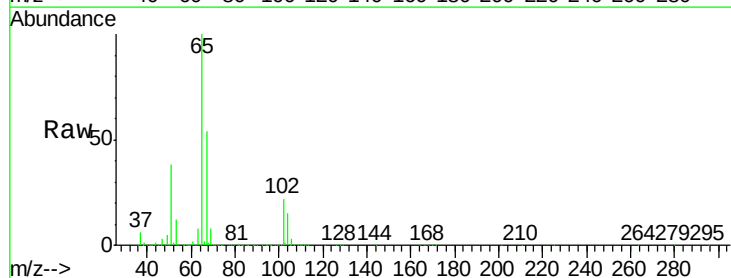
Tot Ion: 96 Resp: 1742121
 Ion Ratio Lower Upper
 96 100
 61 116.2 0.0 258.6
 98 65.0 0.0 132.0

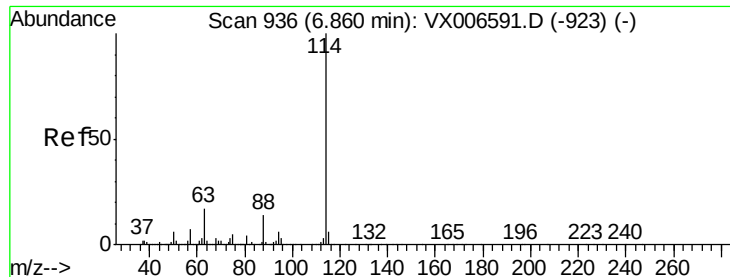


#33

1,2-Dichloroethane-d4
 Concen: 48.529 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: VX006896.D
 Acq: 03 Jan 2019 15:52

Tgt Ion: 65 Resp: 344476
 Ion Ratio Lower Upper
 65 100
 67 52.5 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: VX006896.D

Acq: 03 Jan 2019 15:52

Instrument :

MSVOA_X

ClientSampleId :

S32-0646

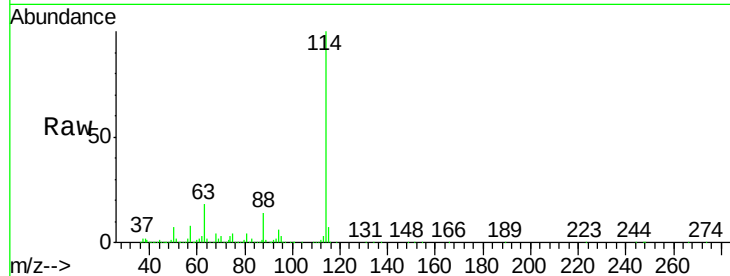
Tot Ion:114 Resp: 996657

Ion Ratio Lower Upper

114 100

63 18.1 0.0 34.8

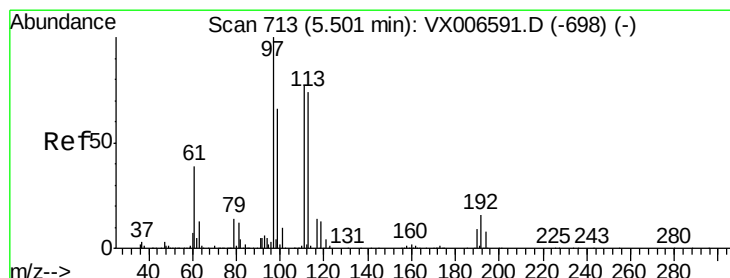
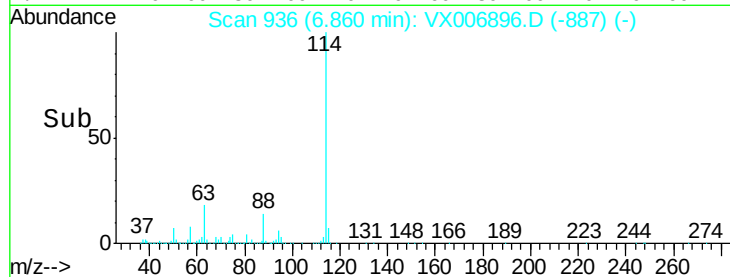
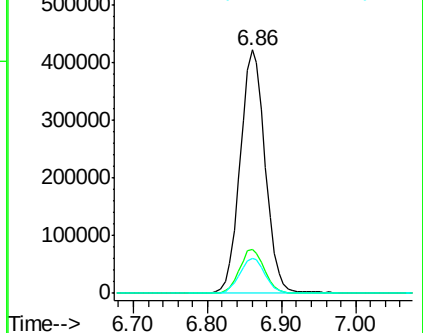
88 14.3 0.0 28.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 47.844 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006896.D

Acq: 03 Jan 2019 15:52

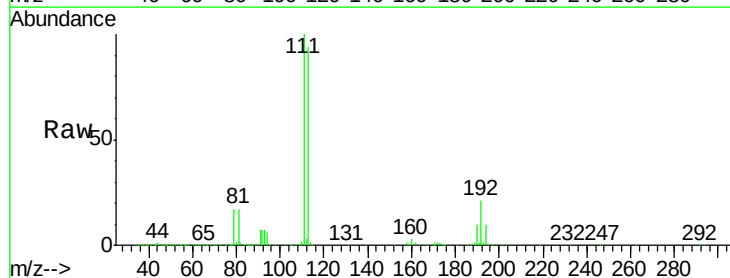
Tgt Ion:113 Resp: 301542

Ion Ratio Lower Upper

113 100

111 102.9 81.6 122.4

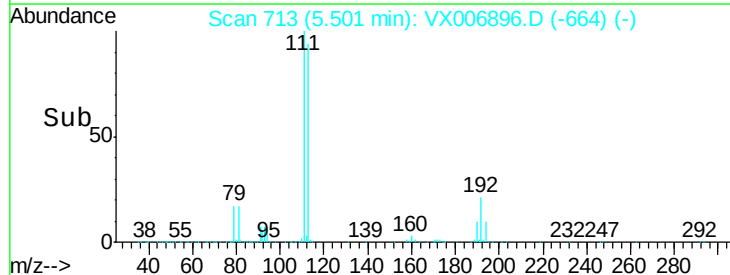
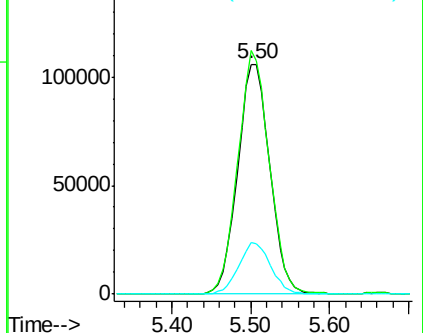
192 22.3 16.7 25.1

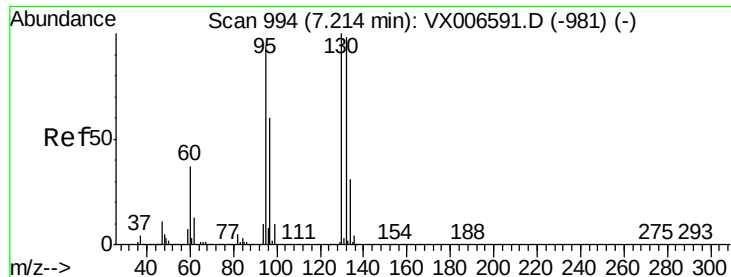


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 8.782 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX006896.D

Acq: 03 Jan 2019 15:52

Instrument :

MSVOA_X

ClientSampleId :

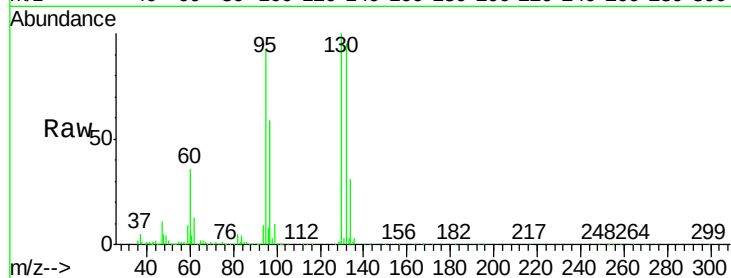
S32-0646

Tot Ion:130 Resp: 66693

Ion Ratio Lower Upper

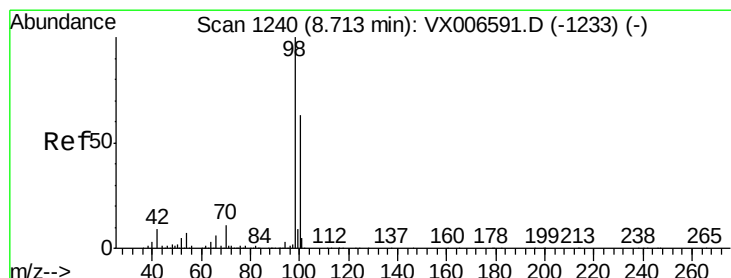
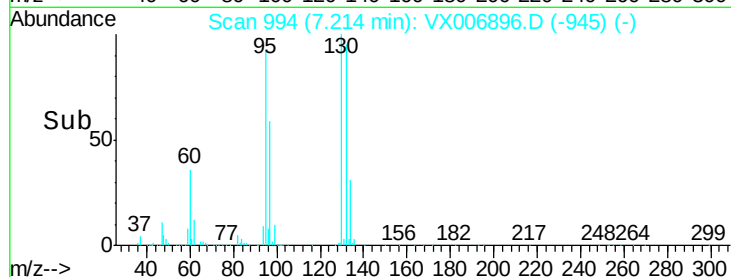
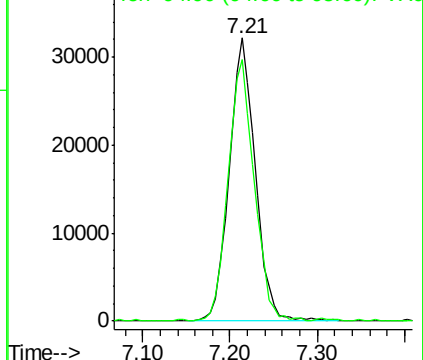
130 100

95 92.2 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: 49.287 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006896.D

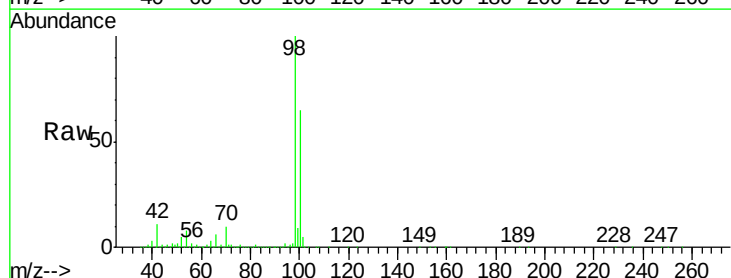
Acq: 03 Jan 2019 15:52

Tgt Ion: 98 Resp: 1171133

Ion Ratio Lower Upper

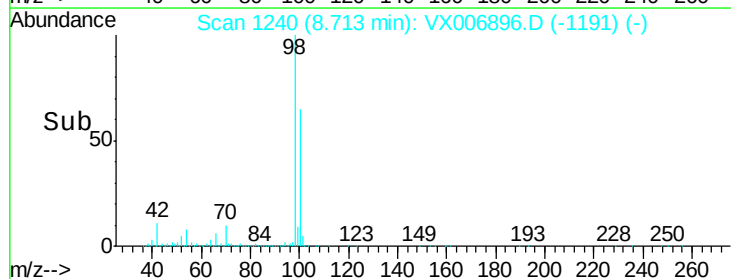
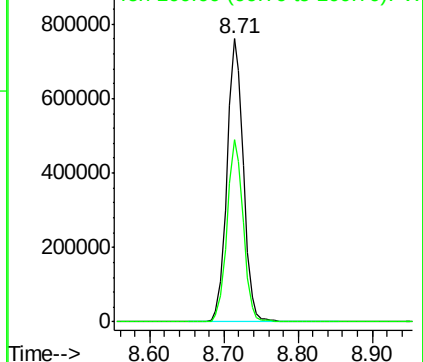
98 100

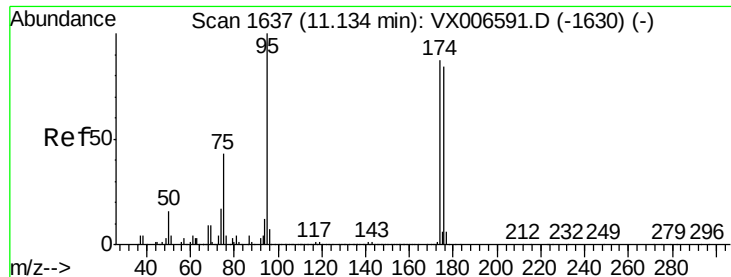
100 63.9 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 47.832 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX006896.D

Acq: 03 Jan 2019 15:52

Instrument :

MSVOA_X

ClientSampleId :

S32-0646

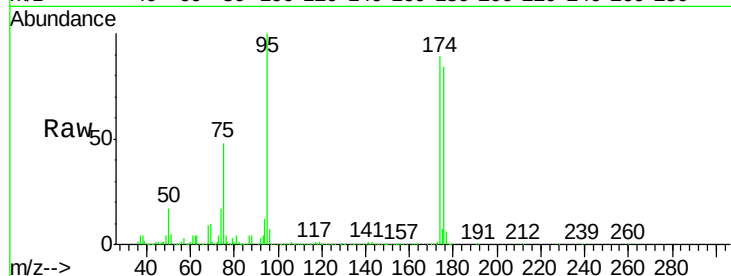
Tot Ion: 95 Resp: 416256

Ion Ratio Lower Upper

95 100

174 93.4 0.0 182.2

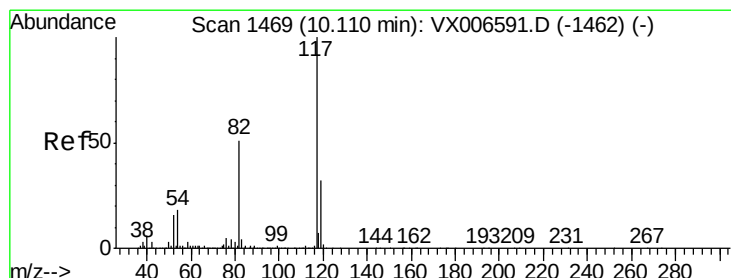
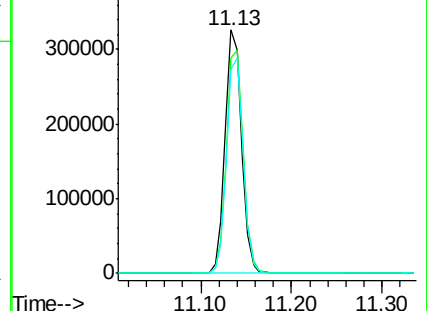
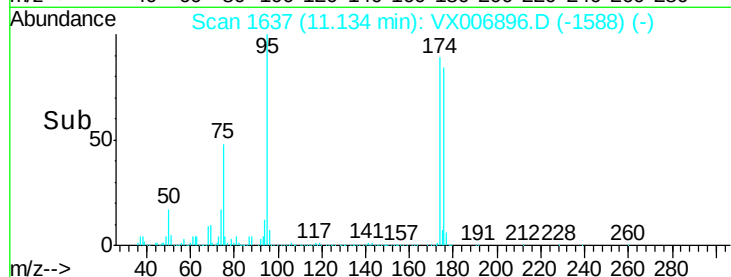
176 88.9 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VX006896.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX006896.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX006896.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX006896.D

Acq: 03 Jan 2019 15:52

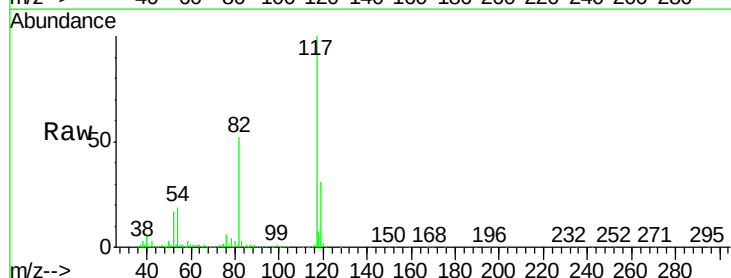
Tgt Ion: 117 Resp: 914784

Ion Ratio Lower Upper

117 100

82 51.9 41.0 61.6

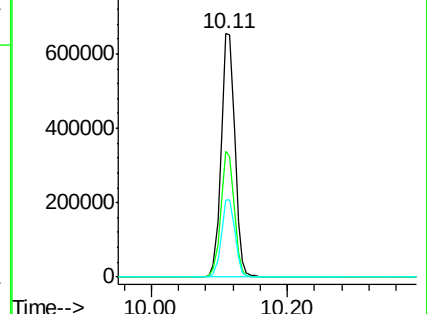
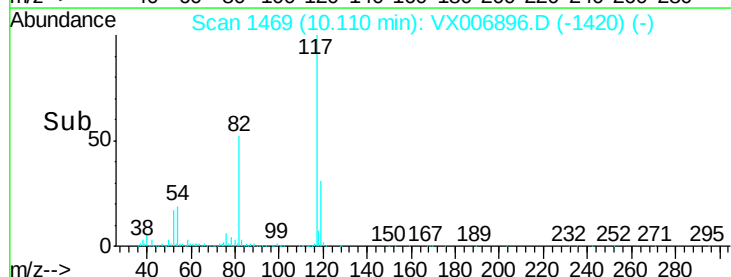
119 31.5 25.4 38.0

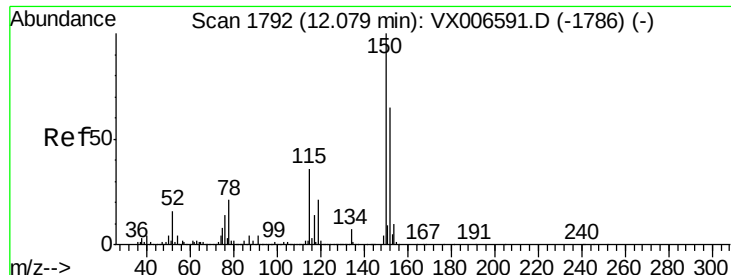


Abundance Ion 116.90 (116.60 to 117.60): VX006896.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX006896.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX006896.D (-1420) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006896.D

Acq: 03 Jan 2019 15:52

Instrument :

MSVOA_X

ClientSampleId :

S32-0646

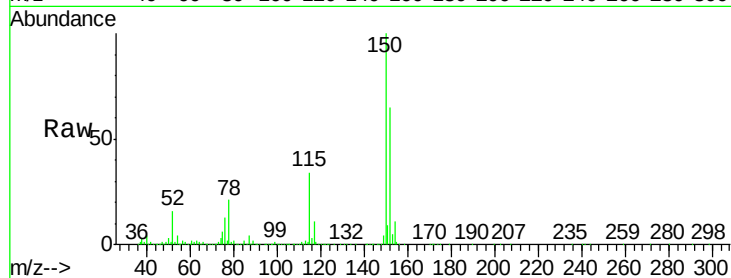
Tot Ion:152 Resp: 440212

Ion Ratio Lower Upper

152 100

115 55.1 39.1 117.2

150 156.3 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

