

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010419\
 Data File : VX006915.D
 Acq On : 04 Jan 2019 16:05
 Operator : JC/MD
 Sample : K1032-05DL 4X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0647DL

Quant Time: Jan 04 22:47:47 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

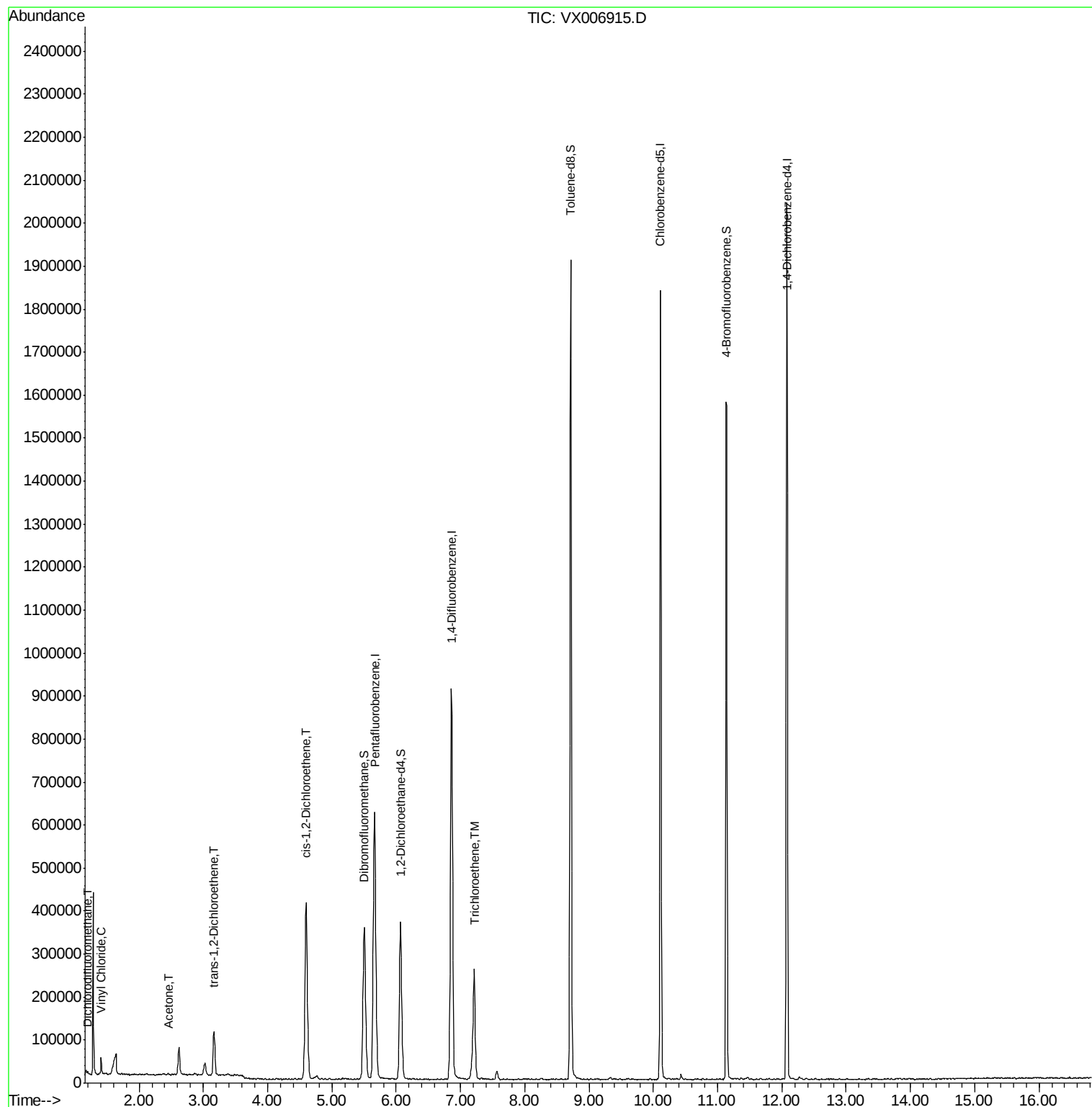
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	646819	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	982011	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	897520	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	442489	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	336873	48.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.64%	
35) Dibromofluoromethane	5.50	113	303120	48.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.62%	
50) Toluene-d8	8.71	98	1168091	49.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.78%	
62) 4-Bromofluorobenzene	11.13	95	417545	48.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.40%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.20	85	5093	0.861	ug/l	93
4) Vinyl Chloride	1.41	62	23572	3.540	ug/l	94
16) Acetone	2.45	43	4469	1.395	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	43953	6.864	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	276660	39.160	ug/l	92
44) Trichloroethene	7.21	130	98694	13.190	ug/l	98

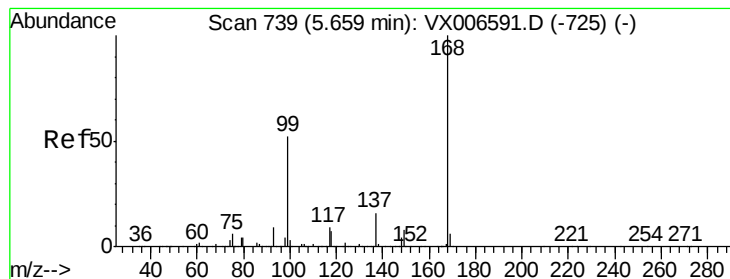
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX006915.D

Acq: 04 Jan 2019 16:05

Instrument :

MSVOA_X

ClientSampleId :

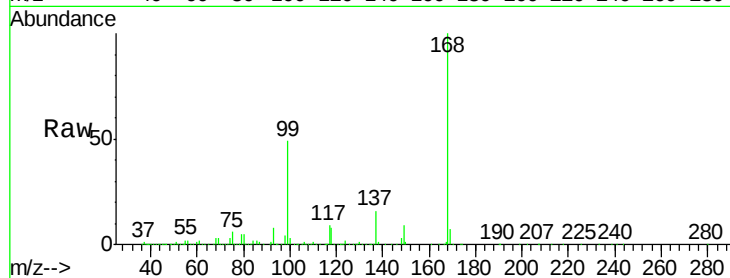
S32-0647DL

Tot Ion:168 Resp: 646819

Ion Ratio Lower Upper

168 100

99 49.1 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

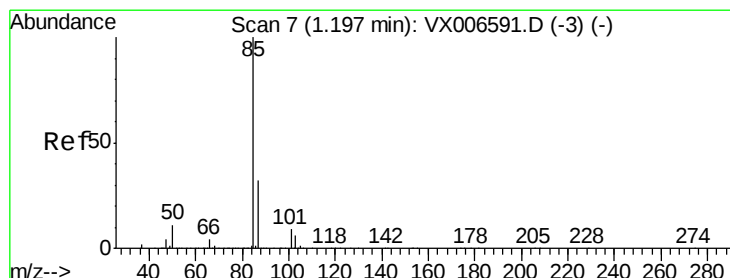
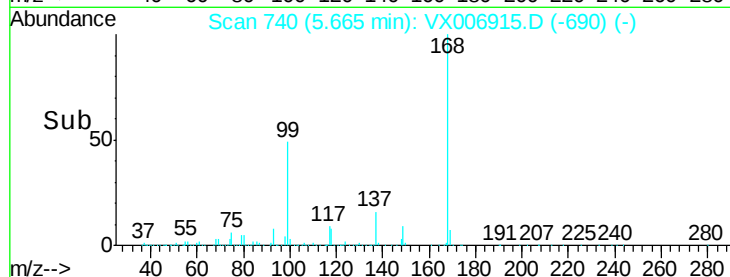
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.861 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006915.D

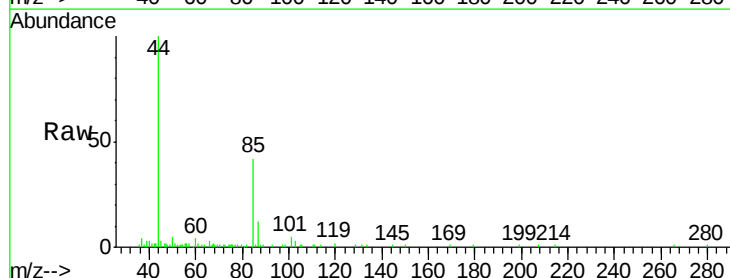
Acq: 04 Jan 2019 16:05

Tgt Ion: 85 Resp: 5093

Ion Ratio Lower Upper

85 100

87 27.8 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

5000

4000

3000

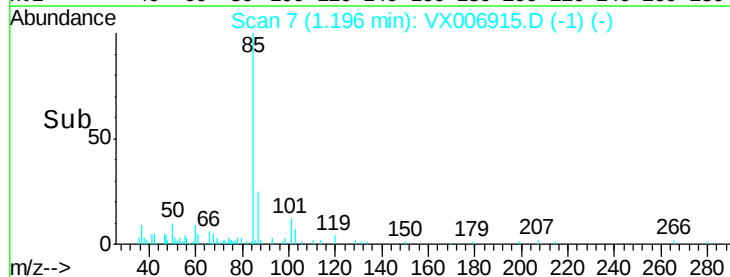
2000

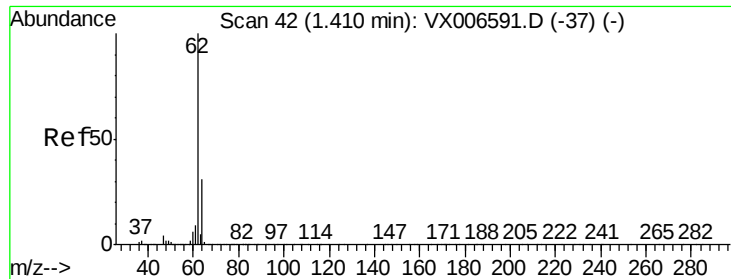
1000

0

Time-->

1.15 1.20 1.25





#4

Vinyl Chloride

Concen: 3.540 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006915.D

Acq: 04 Jan 2019 16:05

Instrument :

MSVOA_X

ClientSampled :

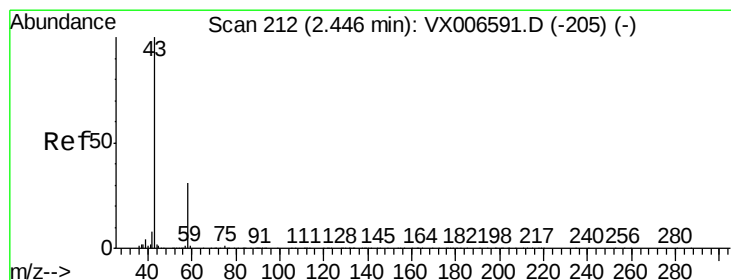
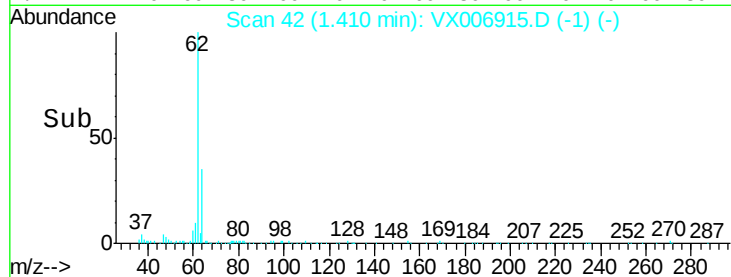
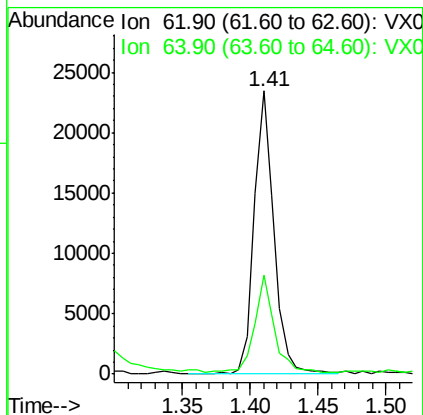
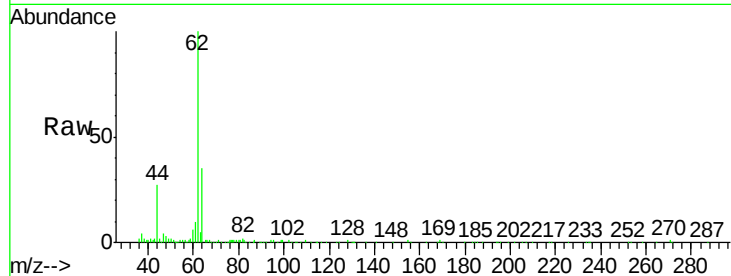
S32-0647DL

Tot Ion: 62 Resp: 23572

Ion Ratio Lower Upper

62 100

64 34.6 25.1 37.7



#16

Acetone

Concen: 1.395 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006915.D

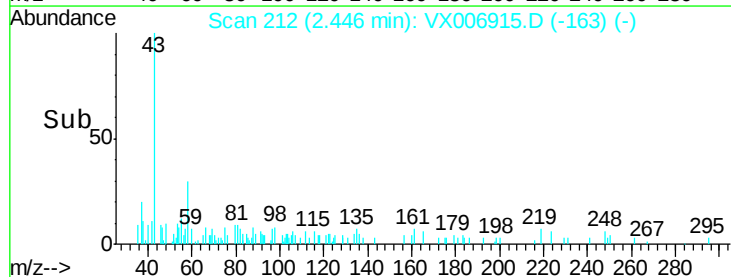
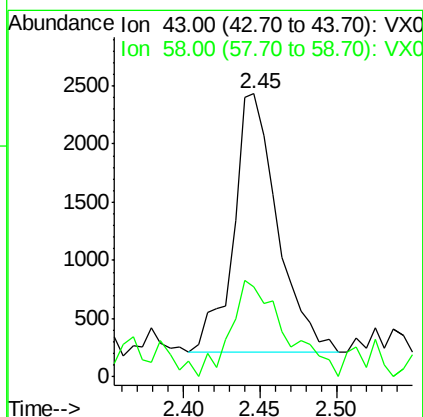
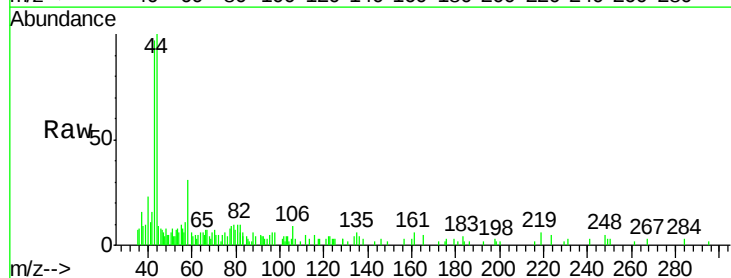
Acq: 04 Jan 2019 16:05

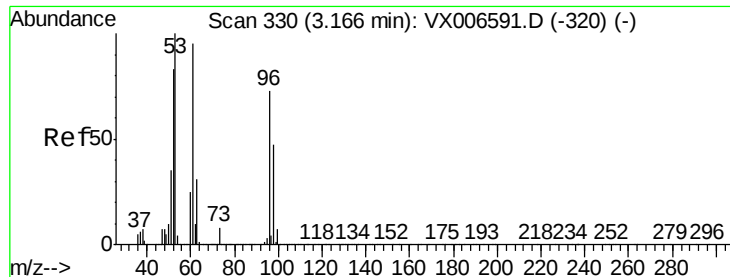
Tgt Ion: 43 Resp: 4469

Ion Ratio Lower Upper

43 100

58 30.5 25.0 37.6





#21

trans-1,2-Dichloroethene

Concen: 6.864 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006915.D

Acq: 04 Jan 2019 16:05

Instrument :

MSVOA_X

ClientSampleId :

S32-0647DL

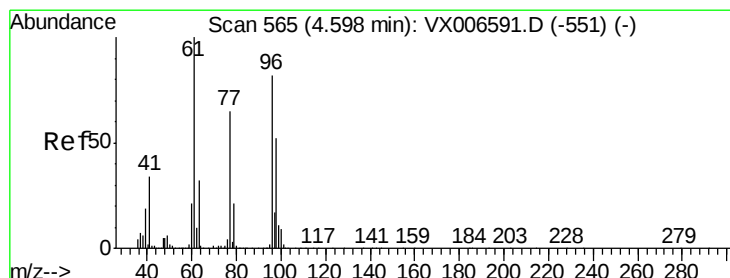
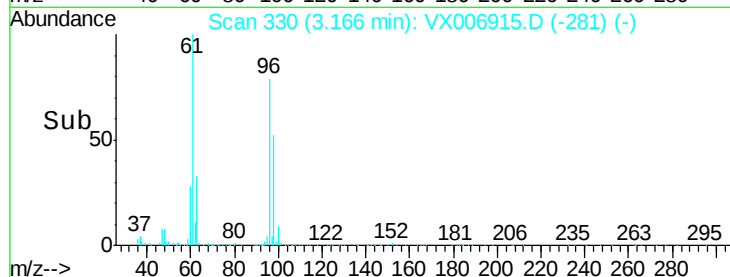
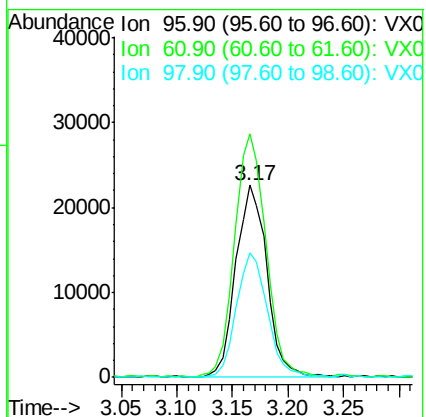
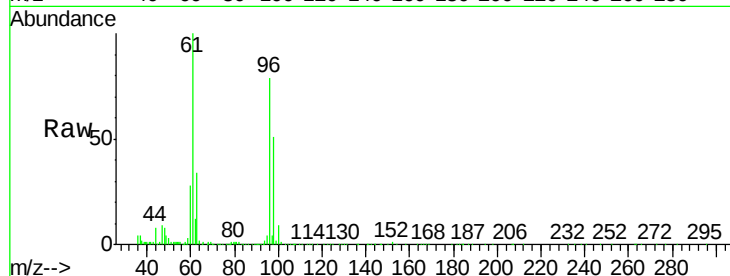
Tot Ion: 96 Resp: 43953

Ion Ratio Lower Upper

96 100

61 126.2 103.7 155.5

98 64.7 51.0 76.6



#27

cis-1,2-Dichloroethene

Concen: 39.160 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX006915.D

Acq: 04 Jan 2019 16:05

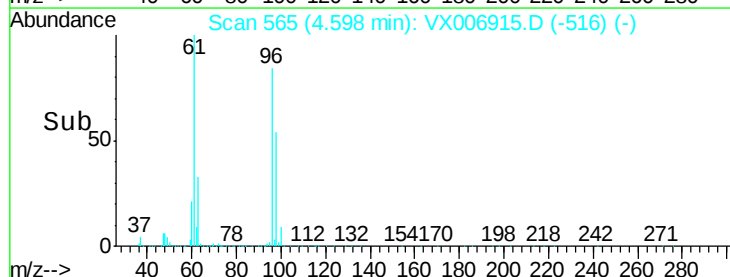
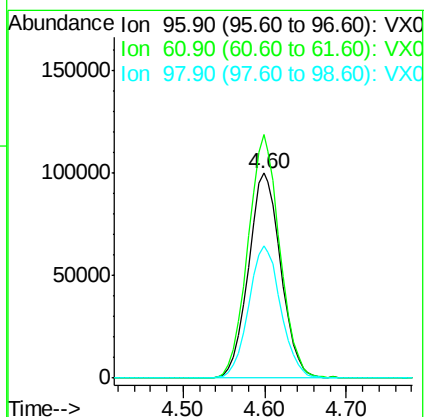
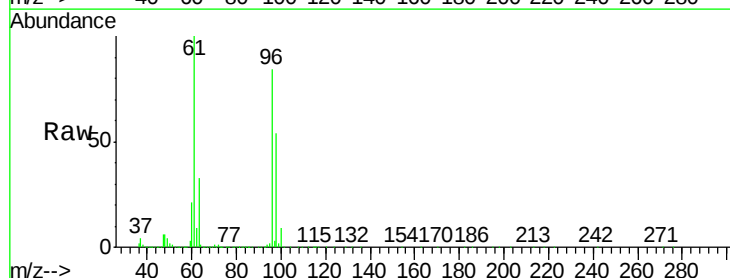
Tgt Ion: 96 Resp: 276660

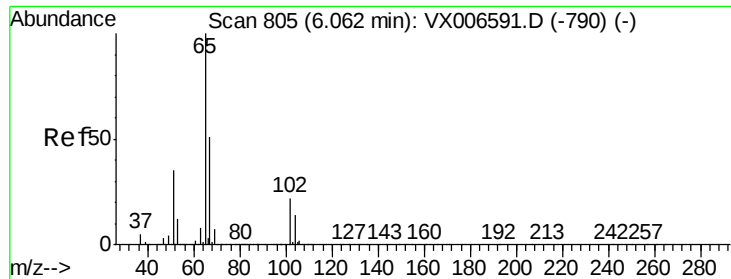
Ion Ratio Lower Upper

96 100

61 116.2 0.0 258.6

98 64.2 0.0 132.0





#33

1,2-Dichloroethane-d4

Concen: 48.324 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006915.D

Acq: 04 Jan 2019 16:05

Instrument :

MSVOA_X

ClientSampled :

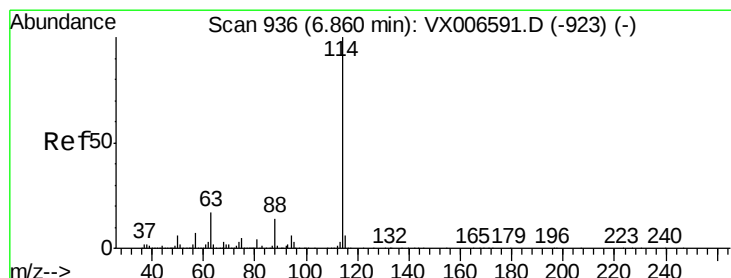
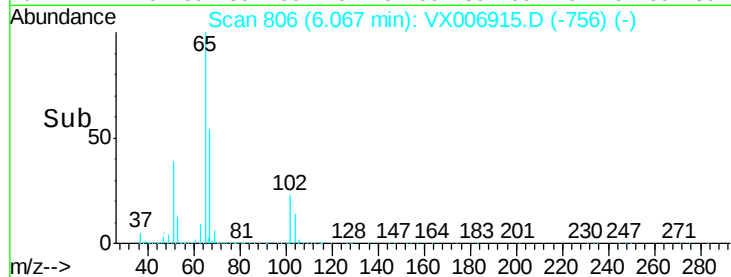
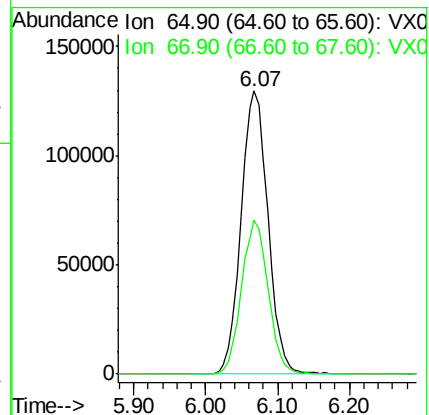
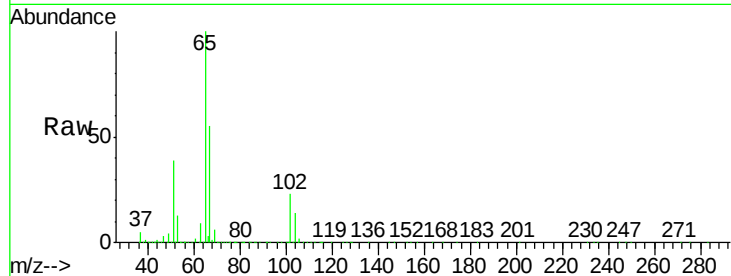
S32-0647DL

Tot Ion: 65 Resp: 336873

Ion Ratio Lower Upper

65 100

67 53.9 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: VX006915.D

Acq: 04 Jan 2019 16:05

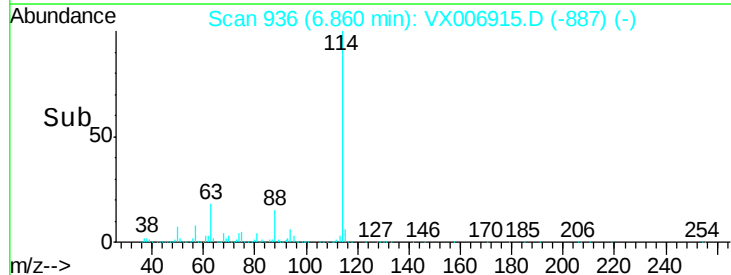
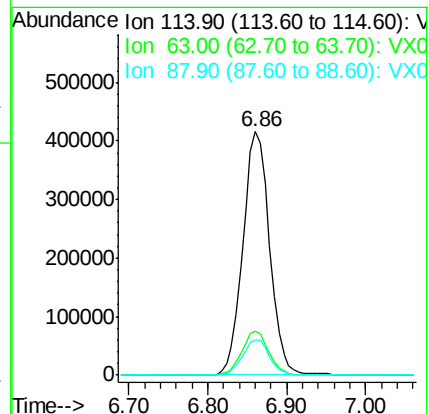
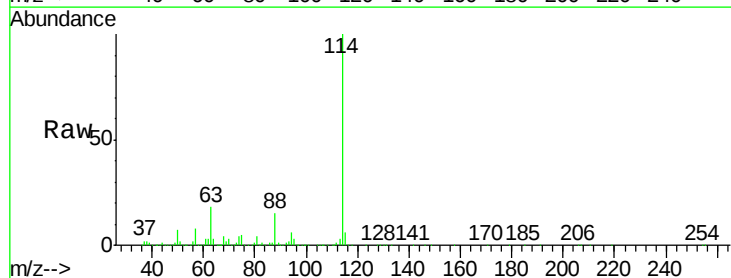
Tgt Ion: 114 Resp: 982011

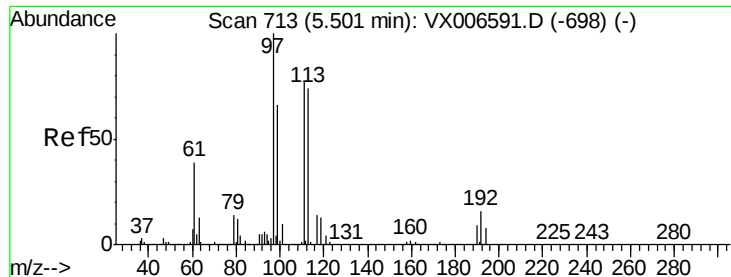
Ion Ratio Lower Upper

114 100

63 18.2 0.0 34.8

88 14.6 0.0 28.8

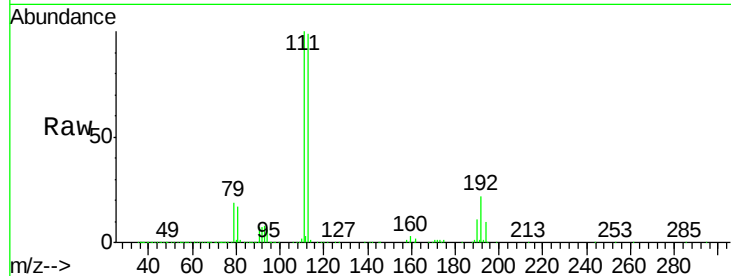




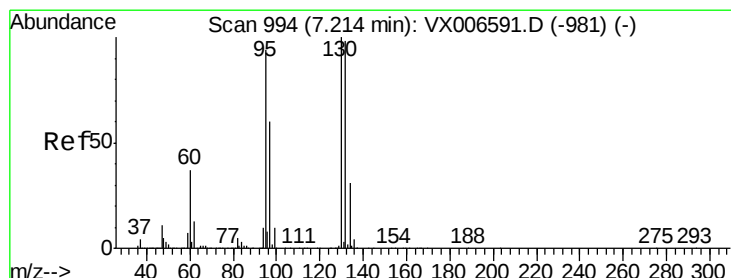
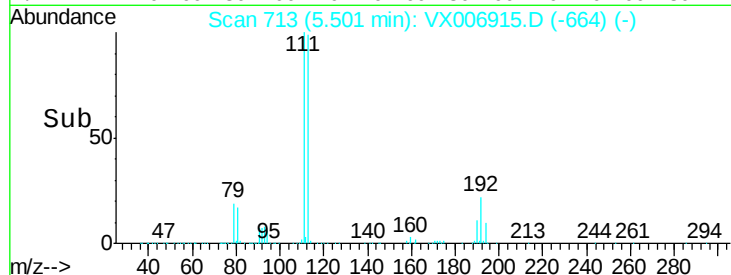
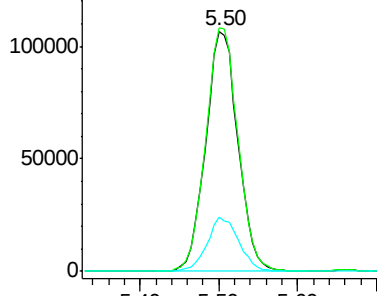
#35
 Dibromofluoromethane
 Concen: 48.811 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX006915.D
 Acq: 04 Jan 2019 16:05

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0647DL

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.6	122.4
192	22.3	16.7	25.1

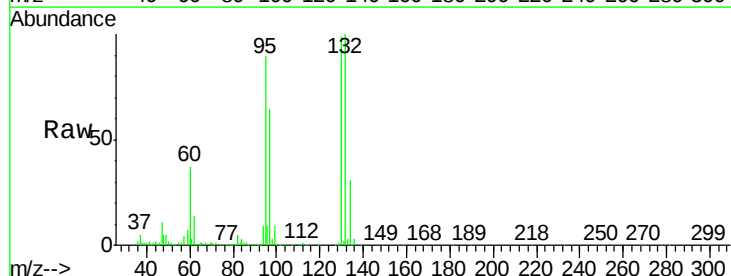


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

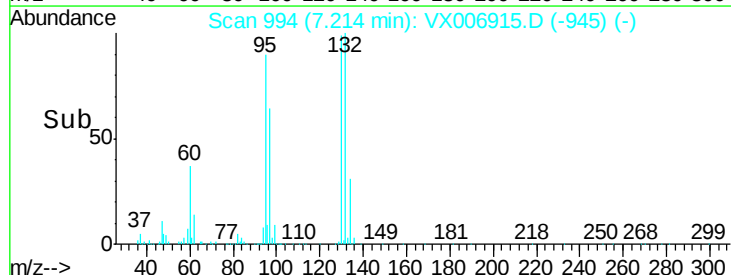
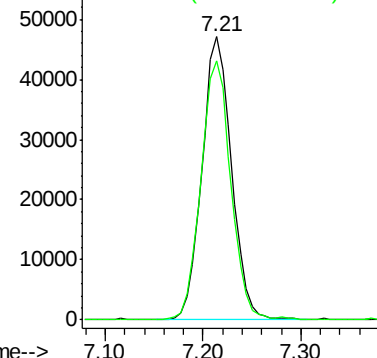


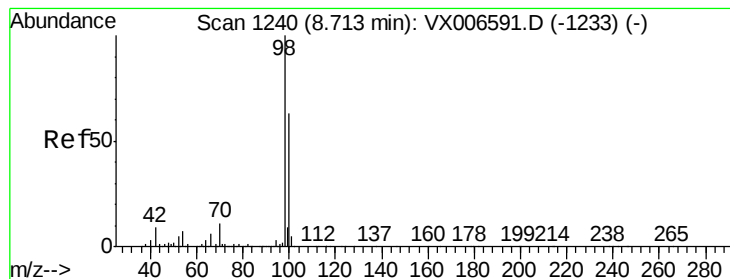
#44
 Trichloroethene
 Concen: 13.190 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX006915.D
 Acq: 04 Jan 2019 16:05

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.2	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: 49.893 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006915.D

Acq: 04 Jan 2019 16:05

Instrument :

MSVOA_X

ClientSampleId :

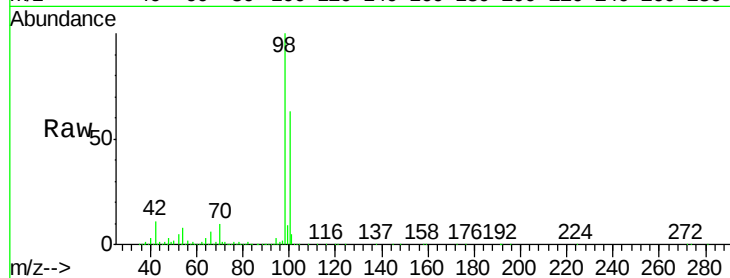
S32-0647DL

Tot Ion: 98 Resp: 1168091

Ion Ratio Lower Upper

98 100

100 63.5 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.71

800000

600000

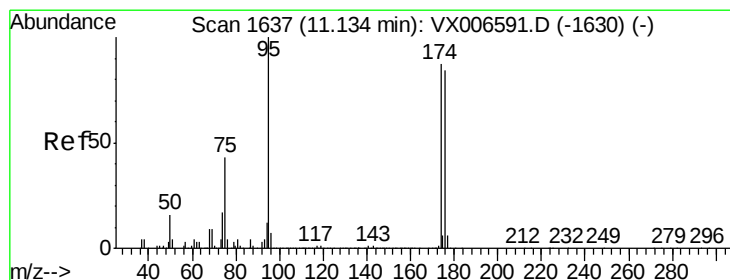
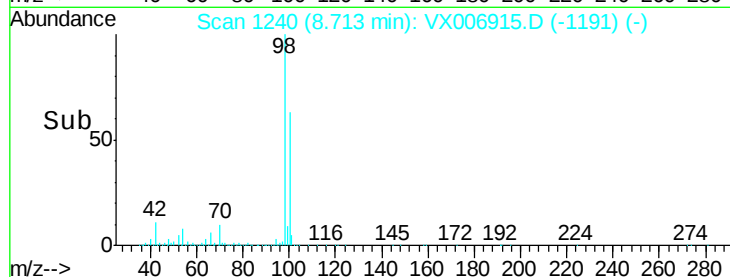
400000

200000

0

8.60 8.70 8.80 8.90

Time-->



#62

4-Bromofluorobenzene

Concen: 48.696 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006915.D

Acq: 04 Jan 2019 16:05

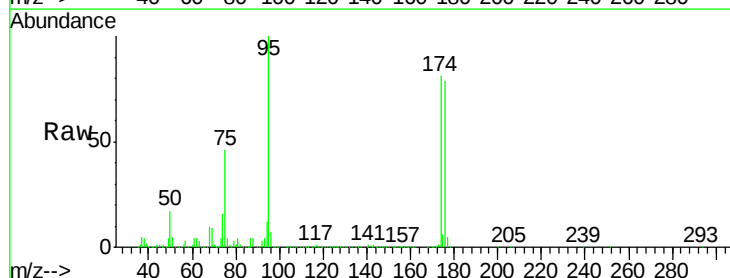
Tgt Ion: 95 Resp: 417545

Ion Ratio Lower Upper

95 100

174 90.5 0.0 182.2

176 87.4 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

400000

300000

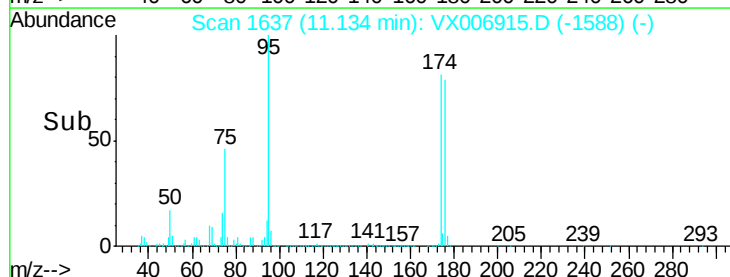
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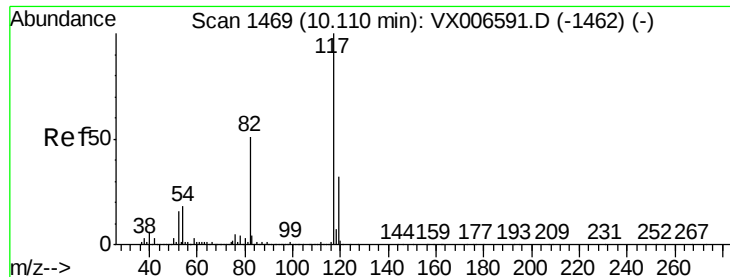
100000

0

11.10 11.20

Time-->

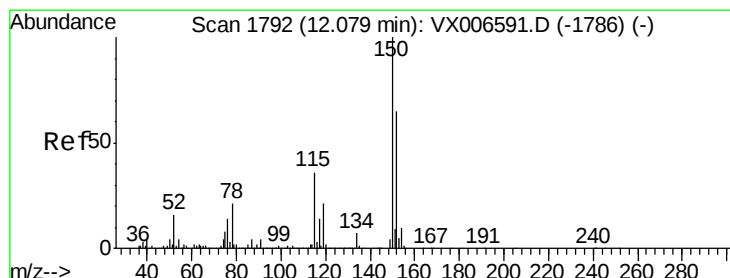
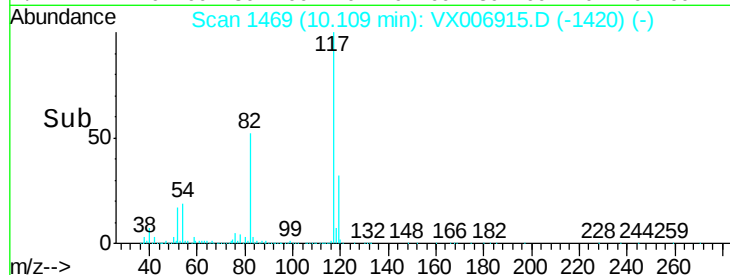
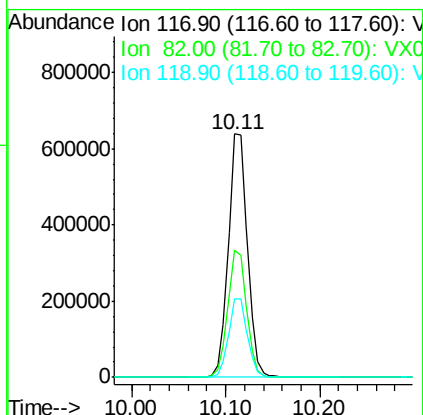
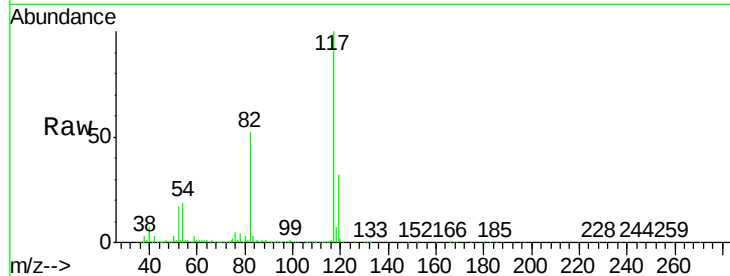




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX006915.D
Acq: 04 Jan 2019 16:05

Instrument :
MSVOA_X
ClientSampled :
S32-0647DL

Tot Ion:117 Resp: 897520
Ion Ratio Lower Upper
117 100
82 52.4 41.0 61.6
119 32.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006915.D
Acq: 04 Jan 2019 16:05

Tgt Ion:152 Resp: 442489
Ion Ratio Lower Upper
152 100
115 54.7 39.1 117.2
150 156.0 0.0 344.8

