

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122018\
 Data File : VX006700.D
 Acq On : 21 Dec 2018 02:54
 Operator : JC/MD
 Sample : J6514-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0497

Quant Time: Dec 21 05:02:06 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

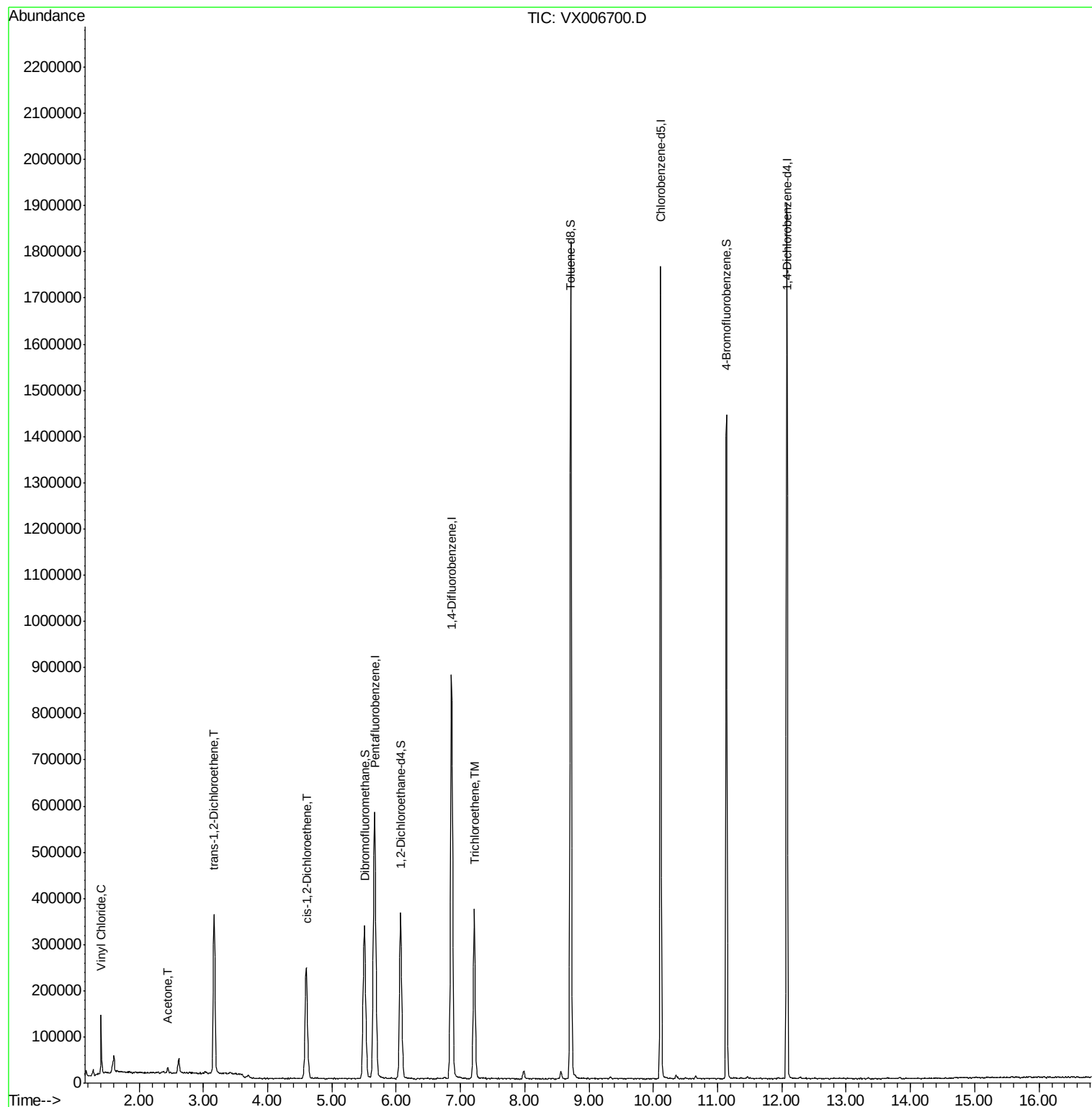
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	593450	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	934228	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	856100	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	397304	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	325271	50.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.72%	
35) Dibromofluoromethane	5.51	113	286513	48.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.00%	
50) Toluene-d8	8.71	98	1107823	49.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.48%	
62) 4-Bromofluorobenzene	11.13	95	389967	47.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.62%	
Target Compounds						
4) Vinyl Chloride	1.41	62	76705	12.557	ug/l	99
16) Acetone	2.45	43	12565	4.276	ug/l	91
21) trans-1,2-Dichloroethene	3.17	96	146334	24.908	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	165186	25.484	ug/l	92
44) Trichloroethene	7.21	130	145397	20.425	ug/l	97

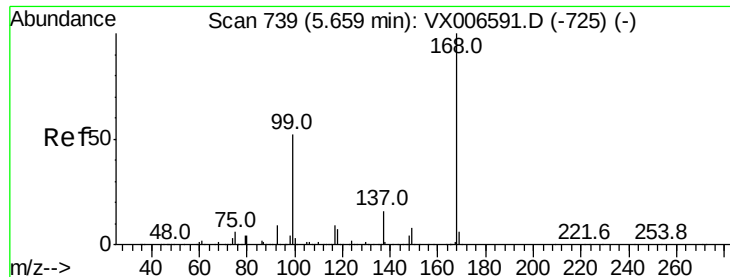
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.66 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006700.D

Acq: 21 Dec 2018 02:54

Instrument :

MSVOA_X

ClientSampleId :

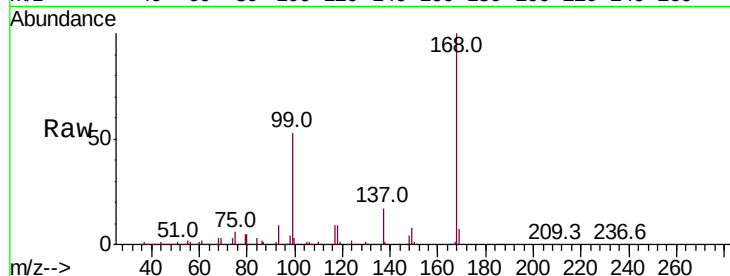
S49-0497

Tot Ion:168 Resp: 593450

Ion Ratio Lower Upper

168 100

99 53.1 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

200000

150000

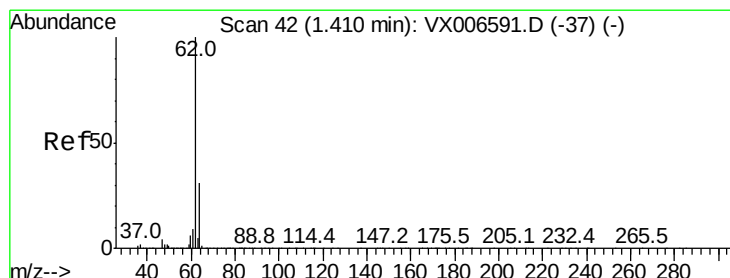
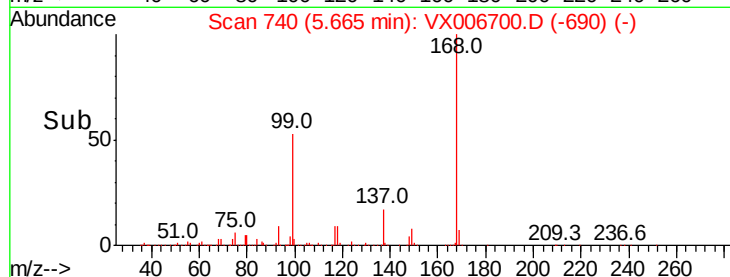
100000

50000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#4

Vinyl Chloride

Concen: 12.557 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006700.D

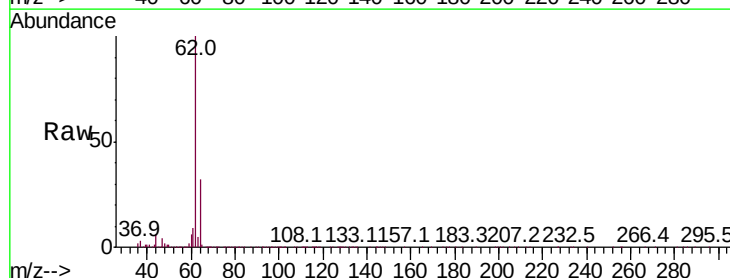
Acq: 21 Dec 2018 02:54

Tgt Ion: 62 Resp: 76705

Ion Ratio Lower Upper

62 100

64 30.9 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

80000

60000

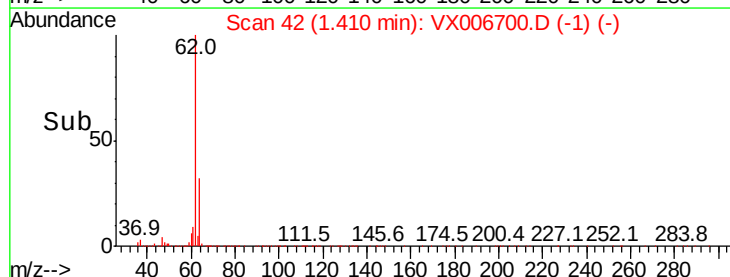
40000

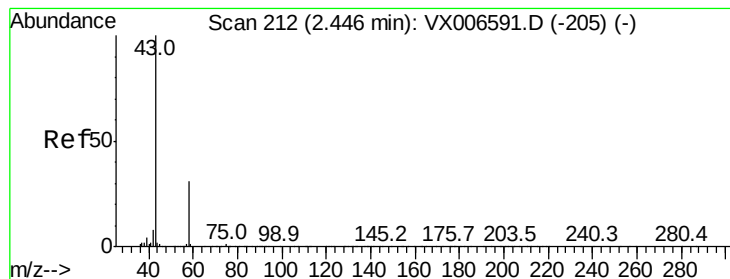
20000

0

Time-->

1.35 1.40 1.45 1.50





#16

Acetone

Concen: 4.276 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006700.D

Acq: 21 Dec 2018 02:54

Instrument :

MSVOA_X

ClientSampleId :

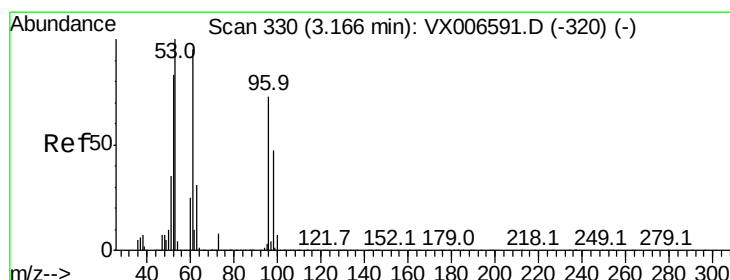
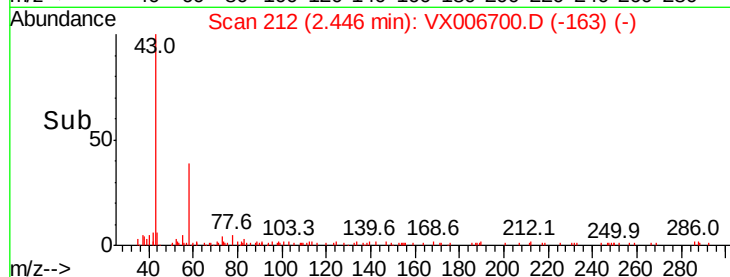
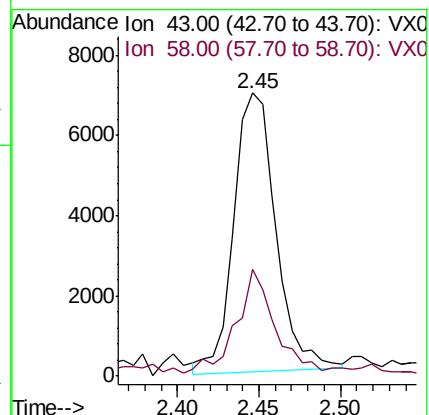
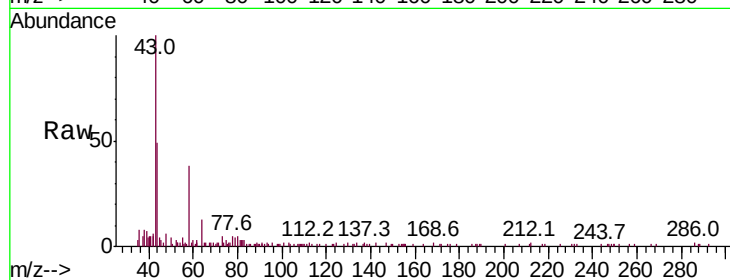
S49-0497

Tot Ion: 43 Resp: 12565

Ion Ratio Lower Upper

43 100

58 36.3 25.0 37.6



#21

trans-1,2-Dichloroethene

Concen: 24.908 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006700.D

Acq: 21 Dec 2018 02:54

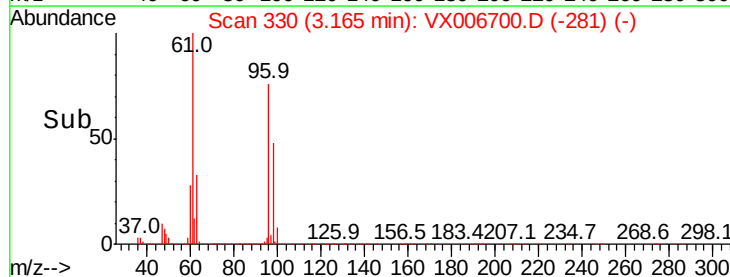
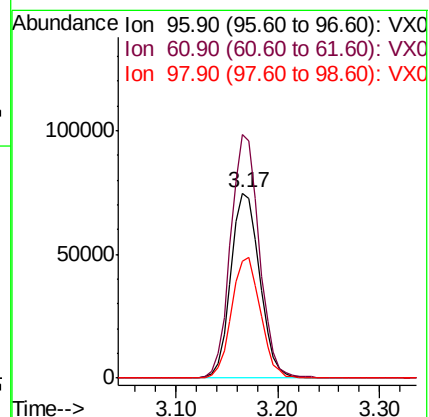
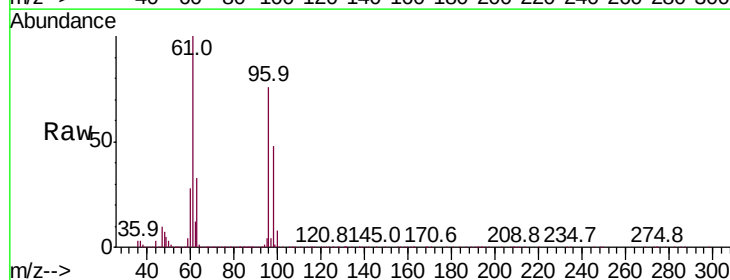
Tgt Ion: 96 Resp: 146334

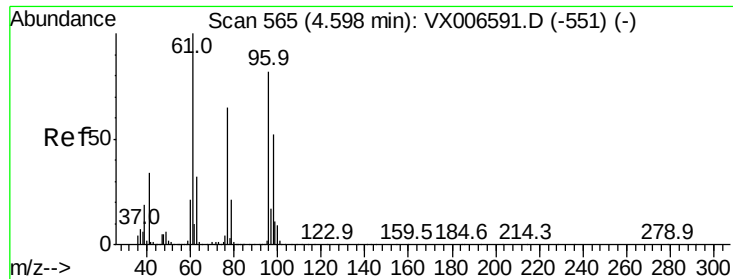
Ion Ratio Lower Upper

96 100

61 131.8 103.7 155.5

98 63.4 51.0 76.6



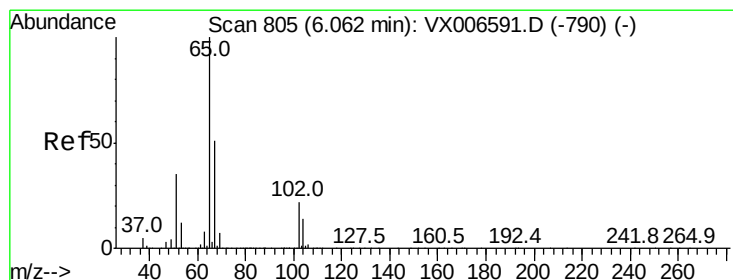
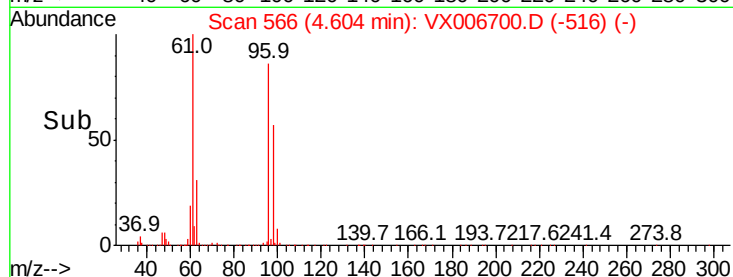
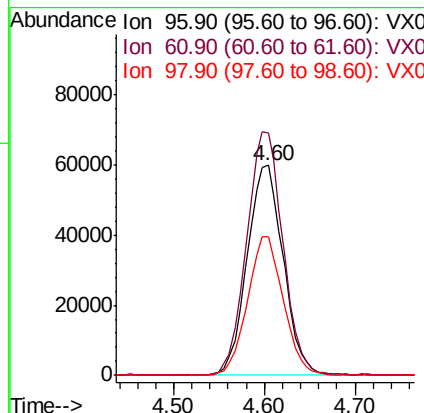
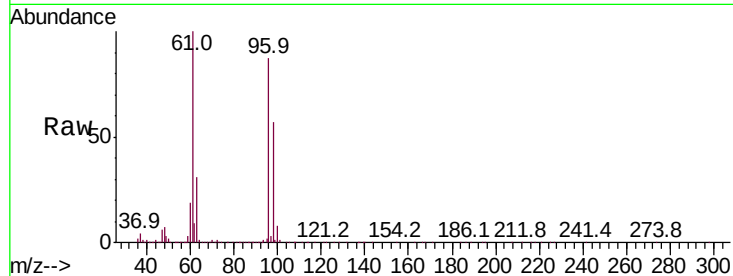


#27

cis-1,2-Dichloroethene
Concen: 25.484 ug/l
RT: 4.60 min Scan# 566
Delta R.T. 0.01 min
Lab File: VX006700.D
Acq: 21 Dec 2018 02:54

Instrument :
MSVOA_X
ClientSampleId :
S49-0497

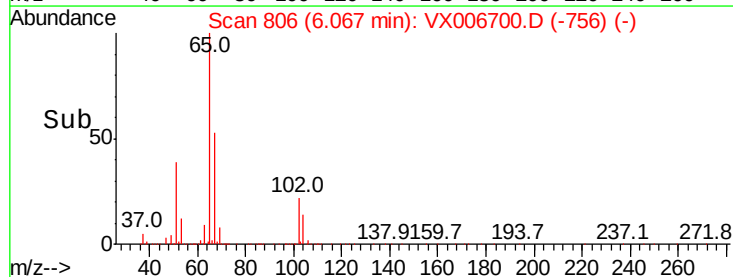
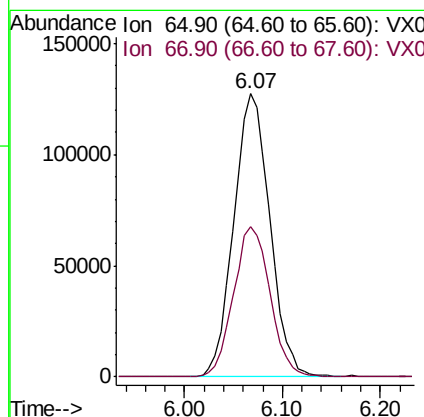
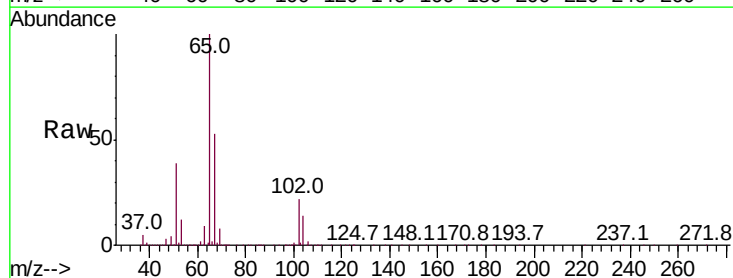
Tot Ion	Ratio	Lower	Upper
96	100		
61	116.1	0.0	258.6
98	65.7	0.0	132.0

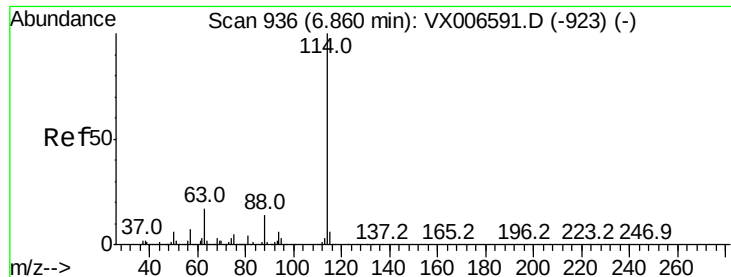


#33

1,2-Dichloroethane-d4
Concen: 50.856 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX006700.D
Acq: 21 Dec 2018 02:54

Tgt Ion	Ratio	Lower	Upper
65	100		
67	54.0	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: VX006700.D

Acq: 21 Dec 2018 02:54

Instrument :

MSVOA_X

ClientSampled :

S49-0497

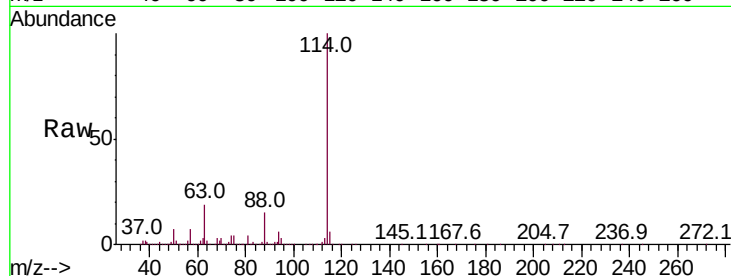
Tot Ion:114 Resp: 934228

Ion Ratio Lower Upper

114 100

63 18.6 0.0 34.8

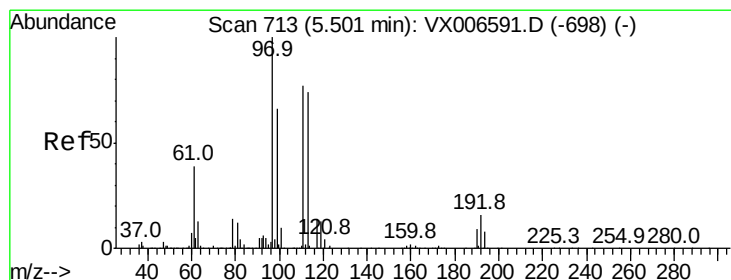
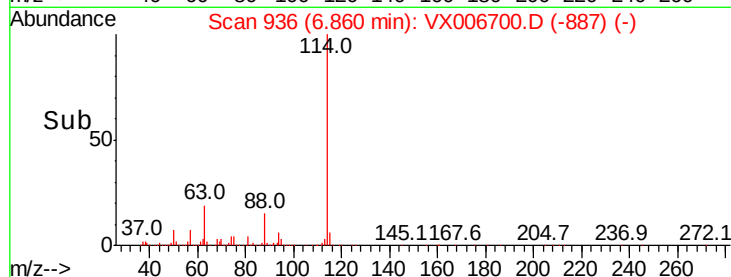
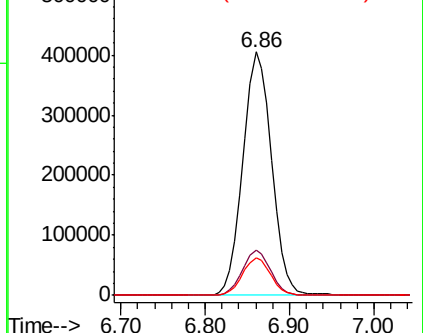
88 15.3 0.0 28.8



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: 48.497 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006700.D

Acq: 21 Dec 2018 02:54

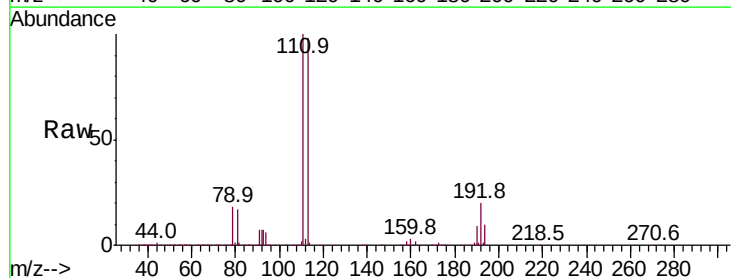
Tgt Ion:113 Resp: 286513

Ion Ratio Lower Upper

113 100

111 100.8 81.6 122.4

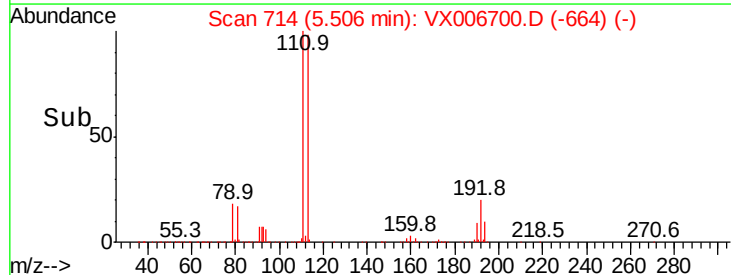
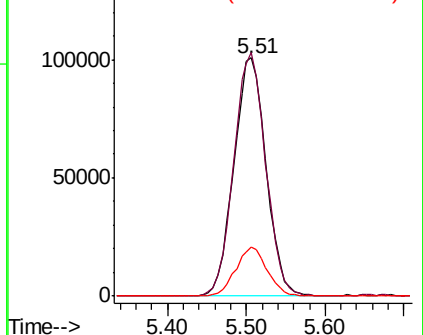
192 20.0 16.7 25.1

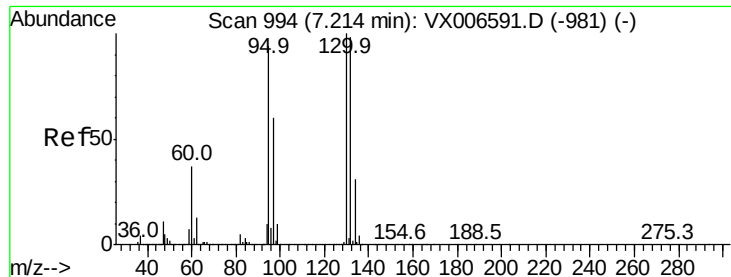


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 20.425 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX006700.D

Acq: 21 Dec 2018 02:54

Instrument :

MSVOA_X

ClientSampleId :

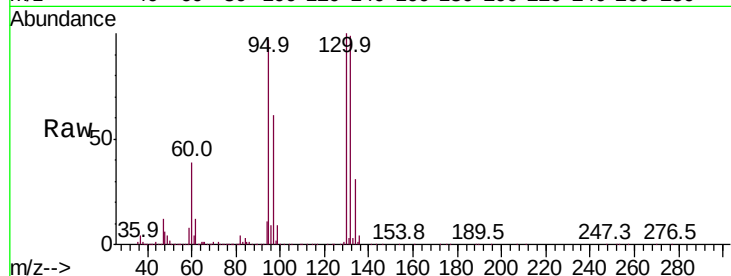
S49-0497

Tot Ion:130 Resp: 145397

Ion Ratio Lower Upper

130 100

95 96.8 0.0 187.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

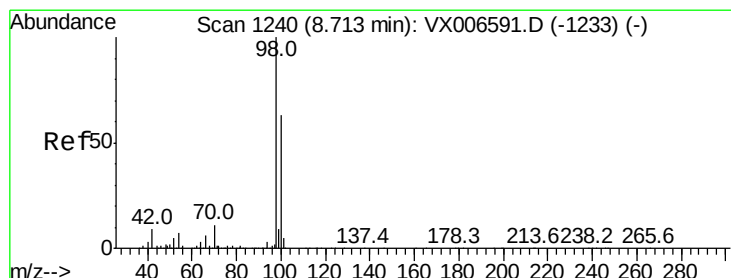
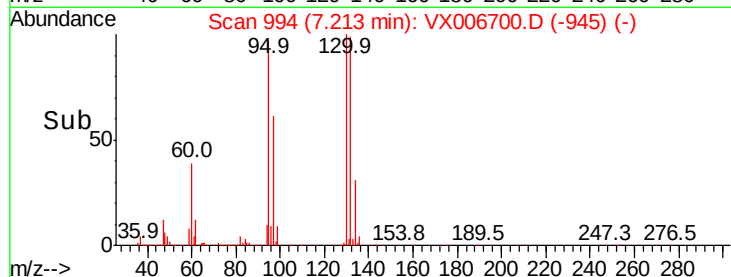
60000

40000

20000

0

Time--> 7.10 7.20 7.30



#50

Toluene-d8

Concen: 49.739 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006700.D

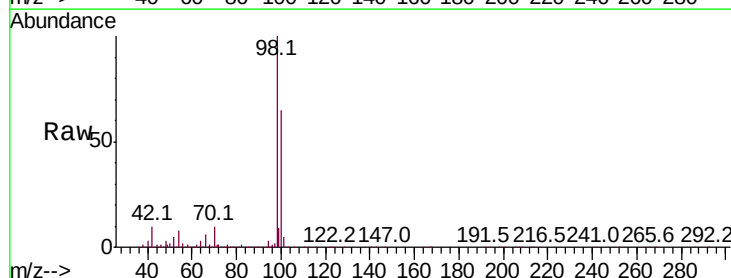
Acq: 21 Dec 2018 02:54

Tgt Ion: 98 Resp: 1107823

Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

800000

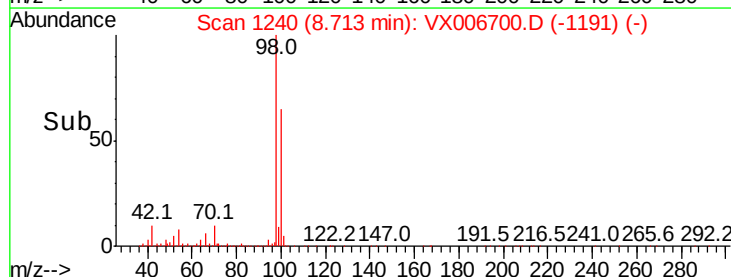
600000

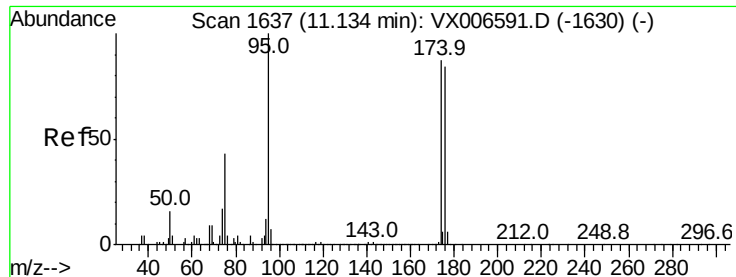
400000

200000

0

Time--> 8.60 8.70 8.80 8.90





#62

4-Bromofluorobenzene

Concen: 47.806 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006700.D

Acq: 21 Dec 2018 02:54

Instrument :

MSVOA_X

ClientSampleId :

S49-0497

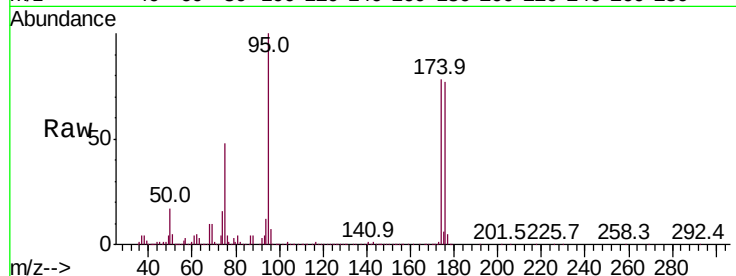
Tot Ion: 95 Resp: 389967

Ion Ratio Lower Upper

95 100

174 86.3 0.0 182.2

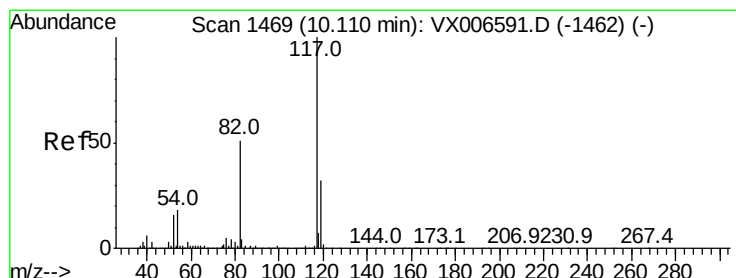
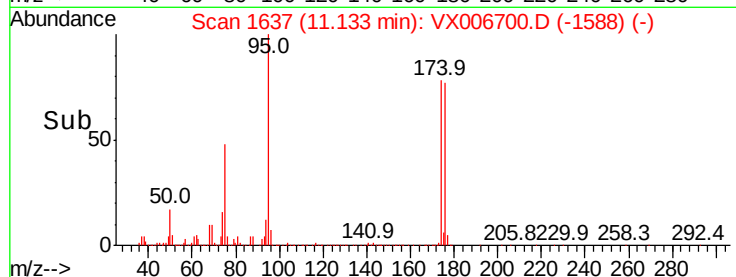
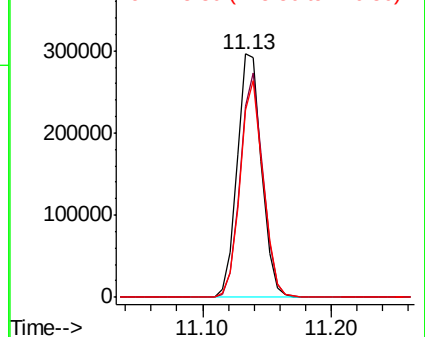
176 84.1 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VX006591.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX006591.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX006591.D (-1630) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX006700.D

Acq: 21 Dec 2018 02:54

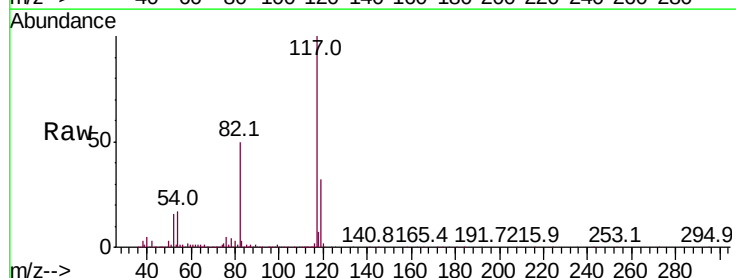
Tgt Ion: 117 Resp: 856100

Ion Ratio Lower Upper

117 100

82 50.4 41.0 61.6

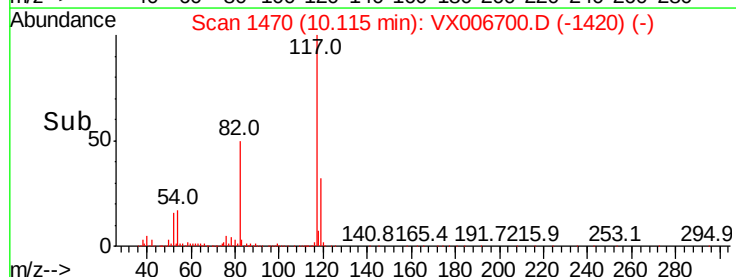
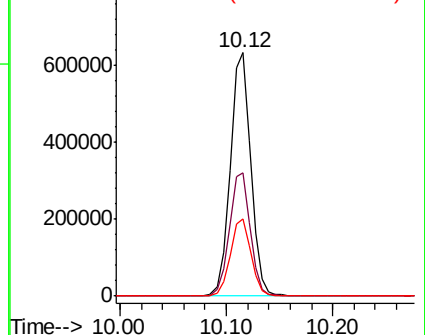
119 31.9 25.4 38.0

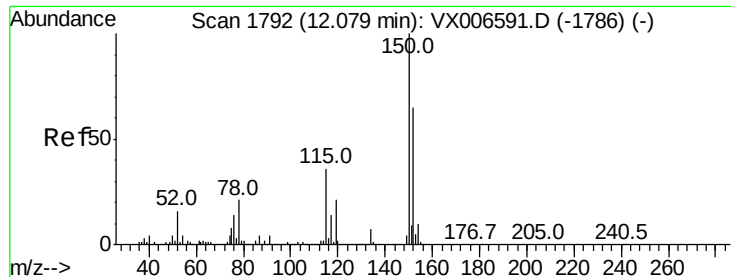


Abundance Ion 116.90 (116.60 to 117.60): VX006591.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX006591.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX006591.D (-1462) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006700.D

Acq: 21 Dec 2018 02:54

Instrument :

MSVOA_X

ClientSampleId :

S49-0497

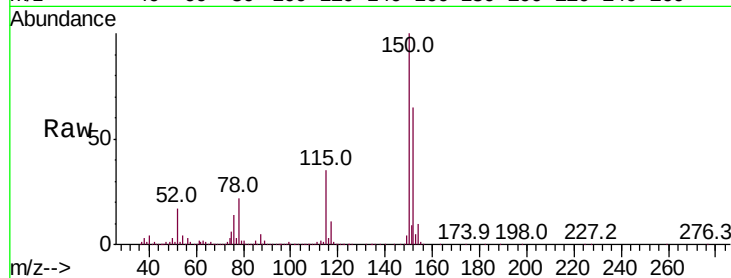
Tot Ion:152 Resp: 397304

Ion Ratio Lower Upper

152 100

115 56.1 39.1 117.2

150 157.6 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

