

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122118\
 Data File : VX006726.D
 Acq On : 21 Dec 2018 16:23
 Operator : JC/MD
 Sample : J6514-04DL 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0499DL

Quant Time: Dec 22 04:42:14 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

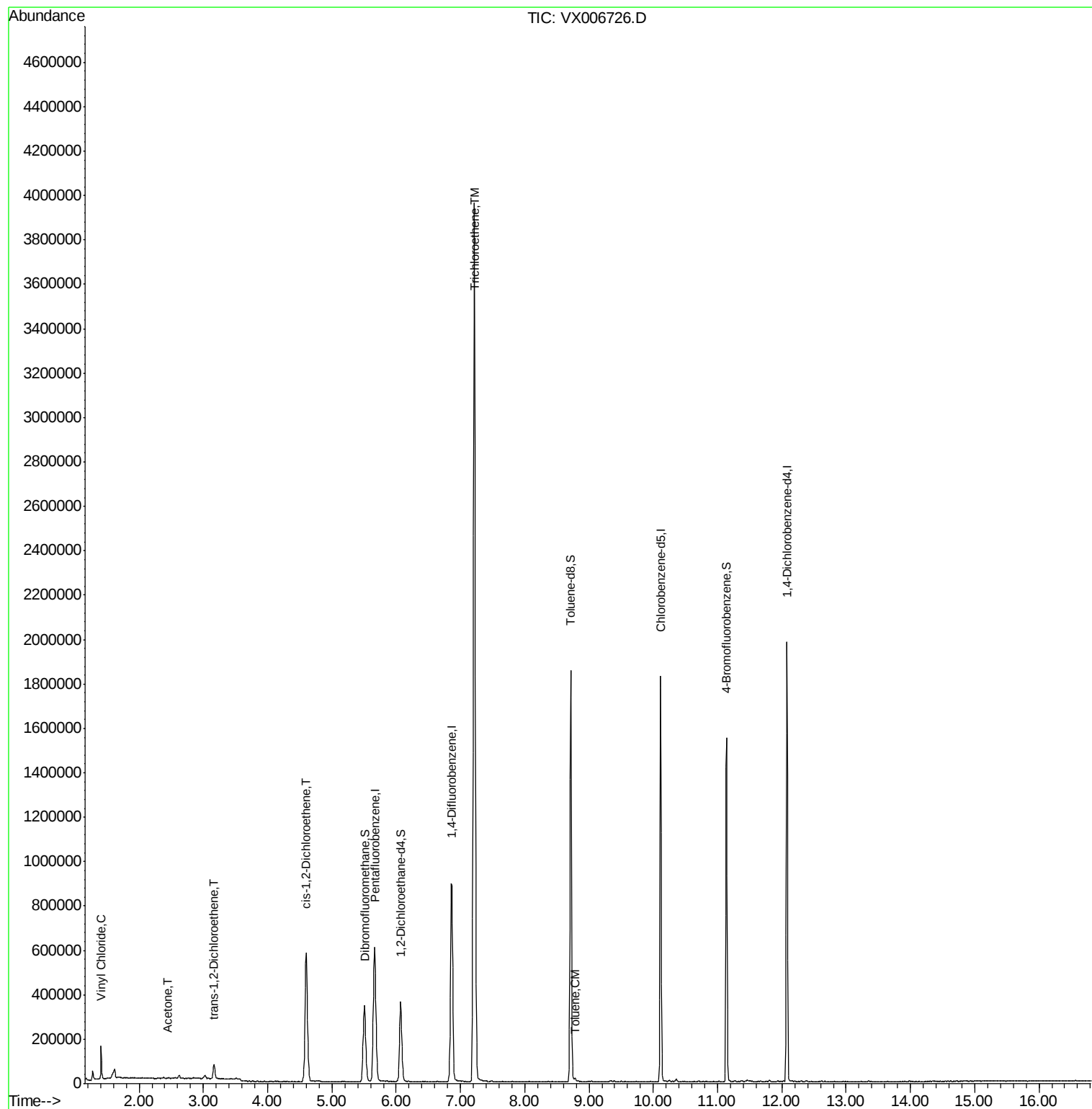
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	638577	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	983829	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	881667	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	408039	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	333944	48.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.04%	
35) Dibromofluoromethane	5.51	113	290773	46.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.48%	
50) Toluene-d8	8.71	98	1152471	49.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.26%	
62) 4-Bromofluorobenzene	11.14	95	403075	46.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.84%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.41	62	87181	13.263	ug/l	96
16) Acetone	2.45	43	3488	1.103	ug/l #	82
21) trans-1,2-Dichloroethene	3.17	96	26530	4.197	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	393628	56.436	ug/l	92
44) Trichloroethene	7.21	130	1579581	210.706	ug/l	99
52) Toluene	8.78	92	4341	0.271	ug/l	99

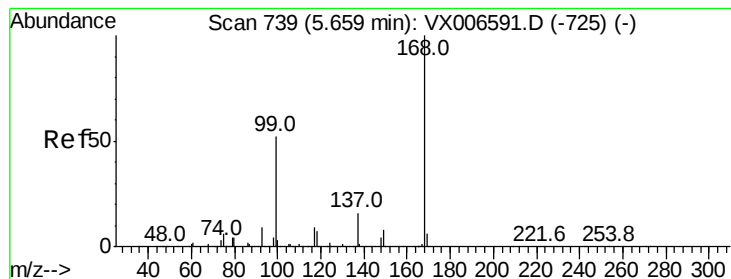
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX006726.D

Acq: 21 Dec 2018 16:23

Instrument :

MSVOA_X

ClientSampleId :

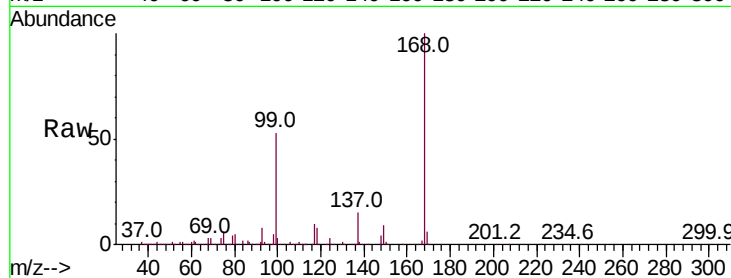
S49-0499DL

Tot Ion:168 Resp: 638577

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

5.67

250000

200000

150000

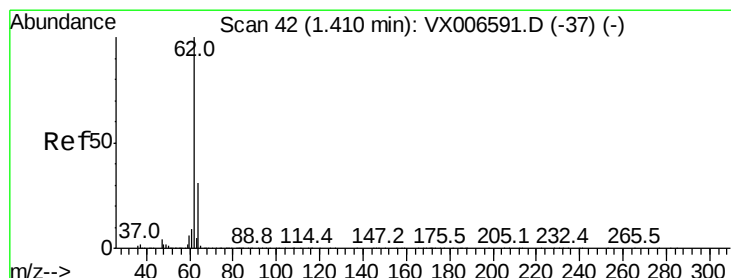
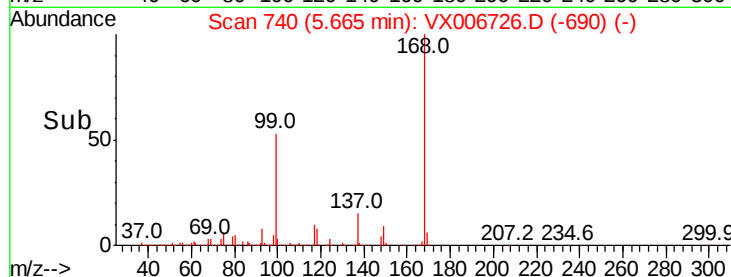
100000

50000

0

5.50 5.60 5.70 5.80 5.90

Time-->



#4

Vinyl Chloride

Concen: 13.263 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006726.D

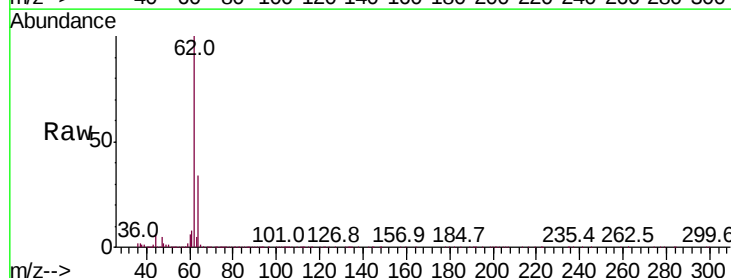
Acq: 21 Dec 2018 16:23

Tgt Ion: 62 Resp: 87181

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

1.41

100000

80000

60000

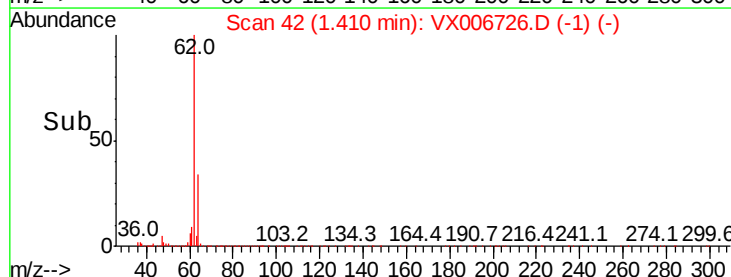
40000

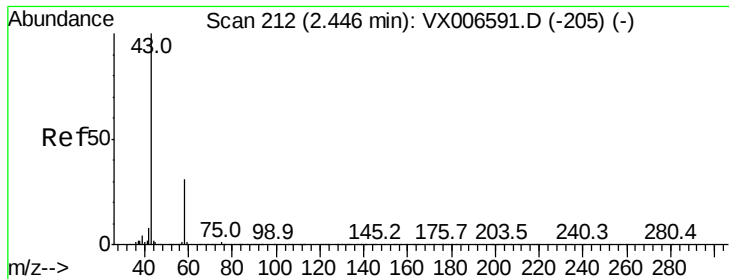
20000

0

1.35 1.40 1.45 1.50

Time-->





#16

Acetone

Concen: 1.103 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006726.D

Acq: 21 Dec 2018 16:23

Instrument :

MSVOA_X

ClientSampleID :

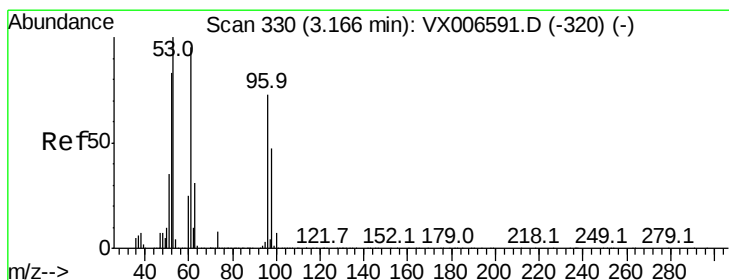
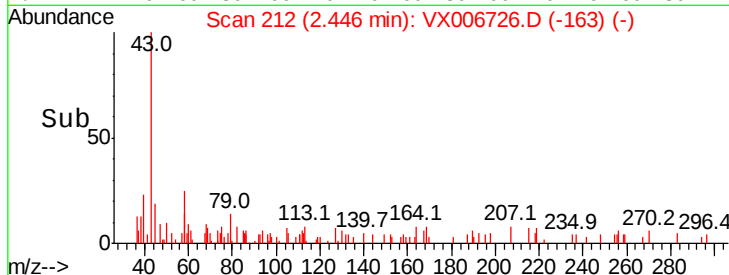
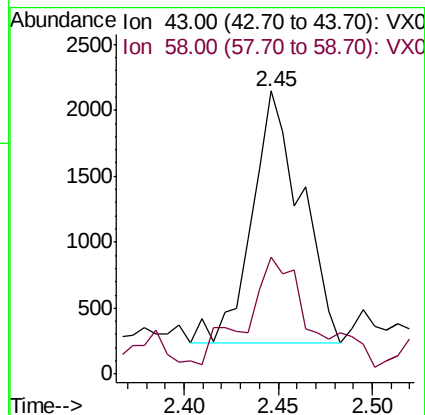
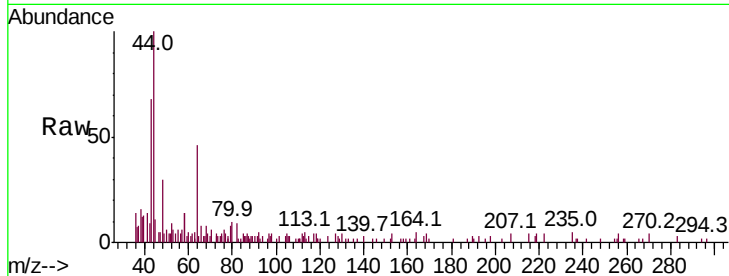
S49-0499DL

Tot Ion: 43 Resp: 3488

Ion Ratio Lower Upper

43 100

58 41.3 25.0 37.6#



#21

trans-1,2-Dichloroethene

Concen: 4.197 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006726.D

Acq: 21 Dec 2018 16:23

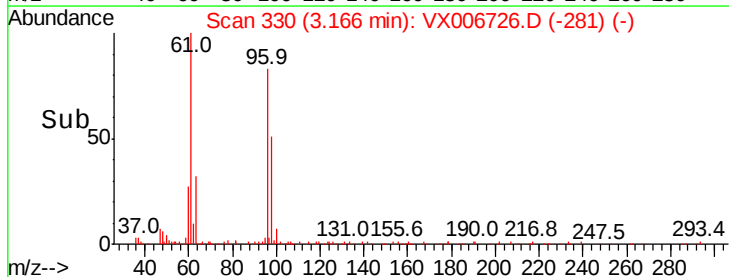
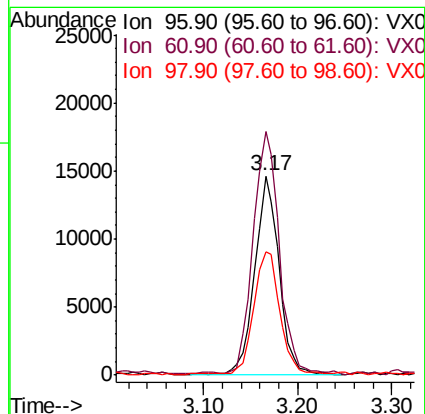
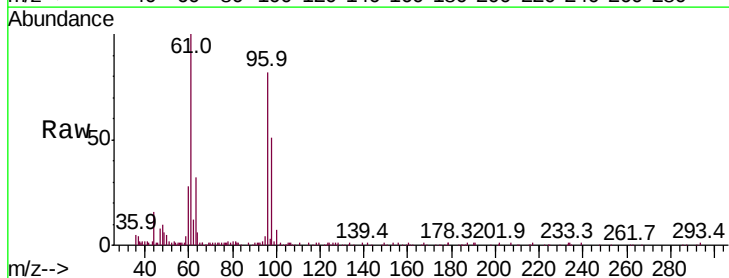
Tgt Ion: 96 Resp: 26530

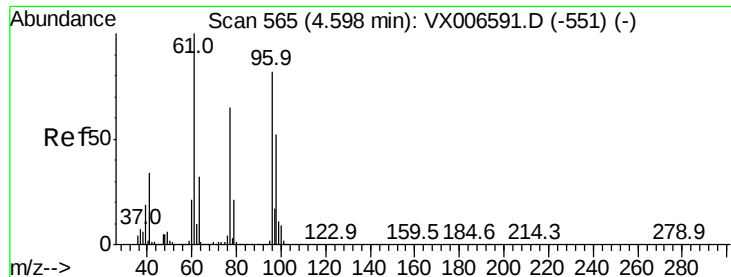
Ion Ratio Lower Upper

96 100

61 121.4 103.7 155.5

98 61.0 51.0 76.6



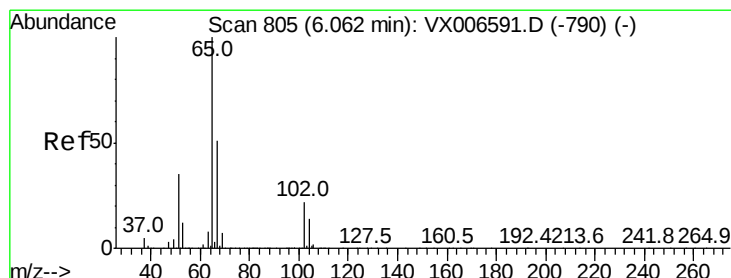
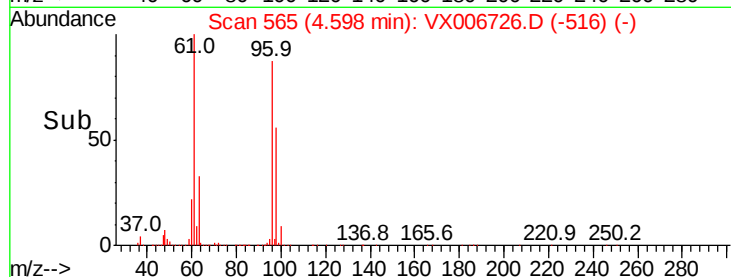
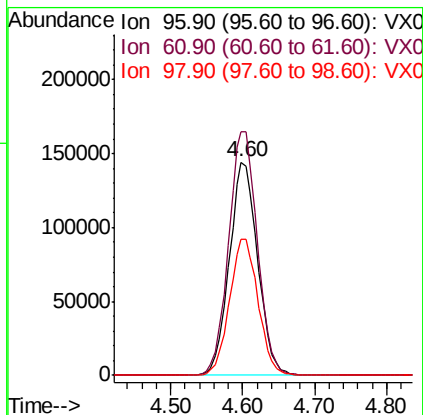
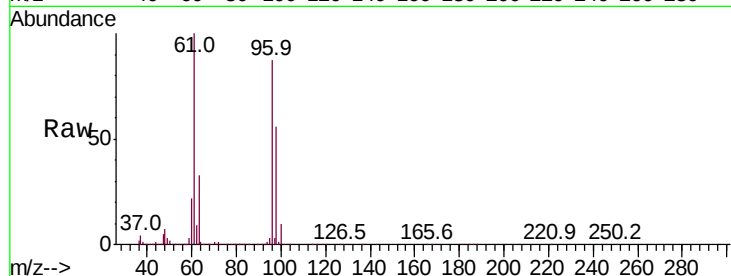


#27

cis-1,2-Dichloroethene
Concen: 56.436 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX006726.D
Acq: 21 Dec 2018 16:23

Instrument :
MSVOA_X
ClientSampled :
S49-0499DL

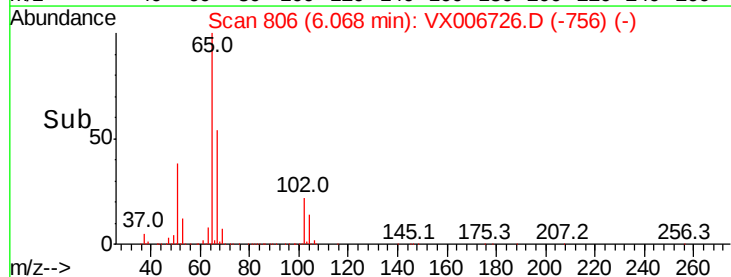
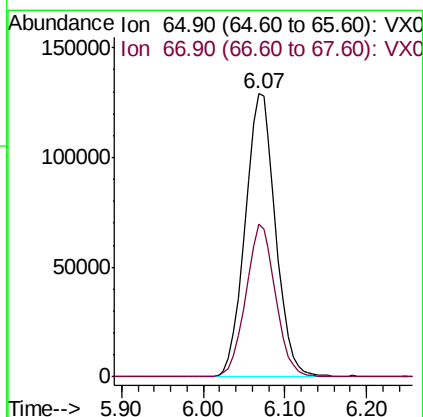
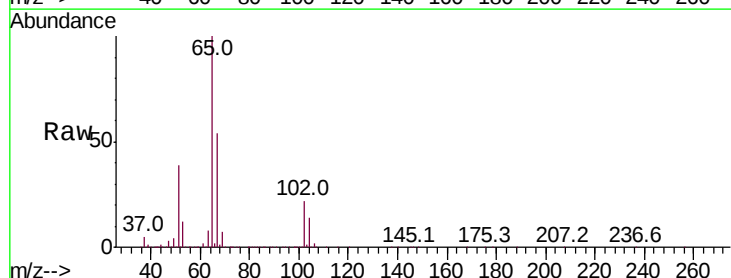
Tot Ion	Ratio	Lower	Upper
96	100		
61	116.2	0.0	258.6
98	64.8	0.0	132.0

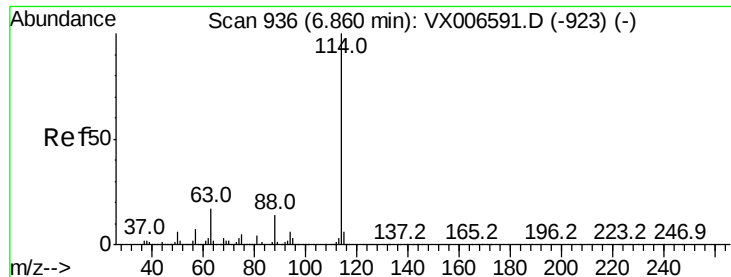


#33

1,2-Dichloroethane-d4
Concen: 48.522 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX006726.D
Acq: 21 Dec 2018 16:23

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 937

Delta R.T. 0.01 min

Lab File: VX006726.D

Acq: 21 Dec 2018 16:23

Instrument :

MSVOA_X

ClientSampled :

S49-0499DL

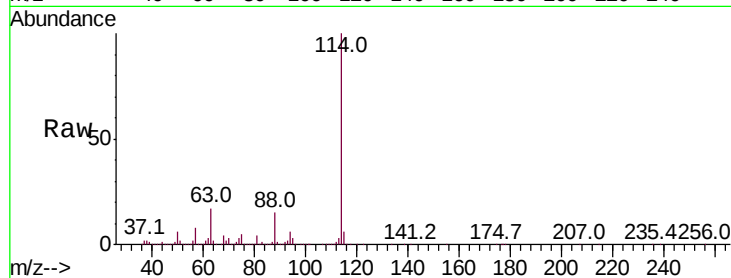
Tot Ion:114 Resp: 983829

Ion Ratio Lower Upper

114 100

63 16.9 0.0 34.8

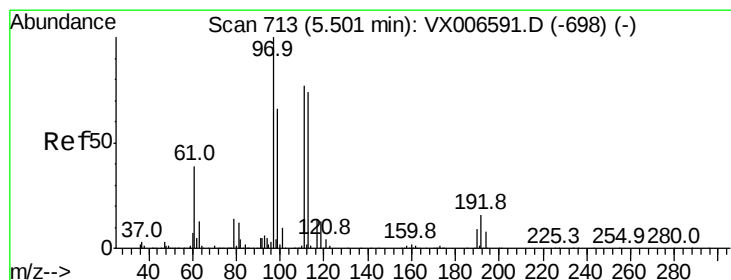
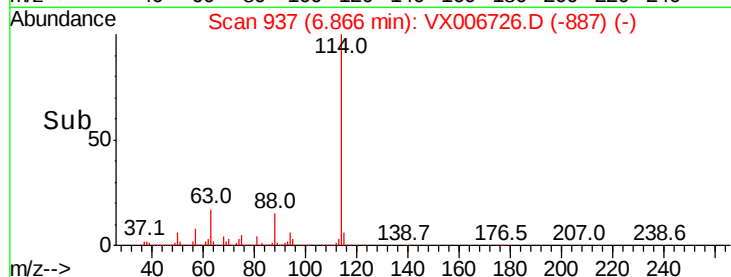
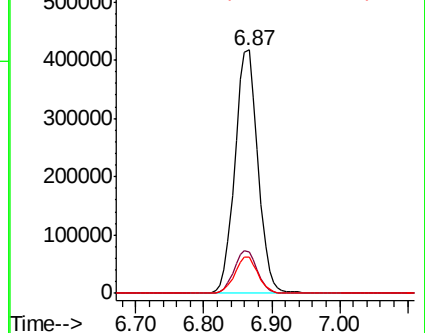
88 14.7 0.0 28.8



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: 46.736 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006726.D

Acq: 21 Dec 2018 16:23

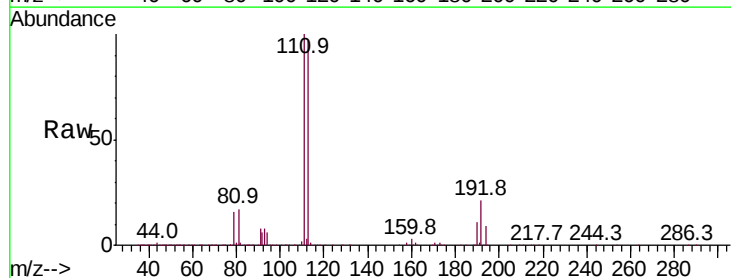
Tgt Ion:113 Resp: 290773

Ion Ratio Lower Upper

113 100

111 103.2 81.6 122.4

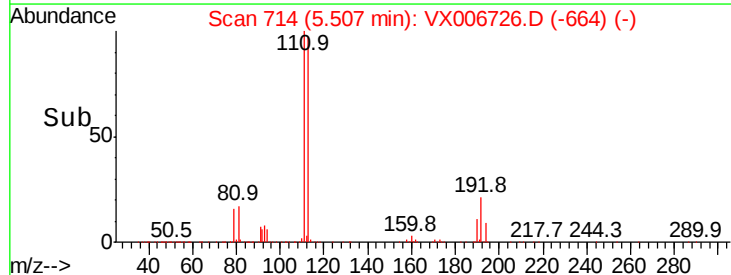
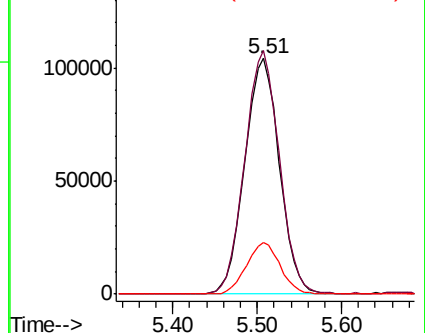
192 21.3 16.7 25.1

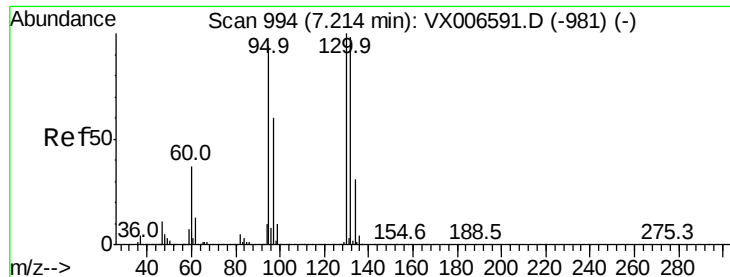


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 210.706 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX006726.D

Acq: 21 Dec 2018 16:23

Instrument :

MSVOA_X

ClientSampled :

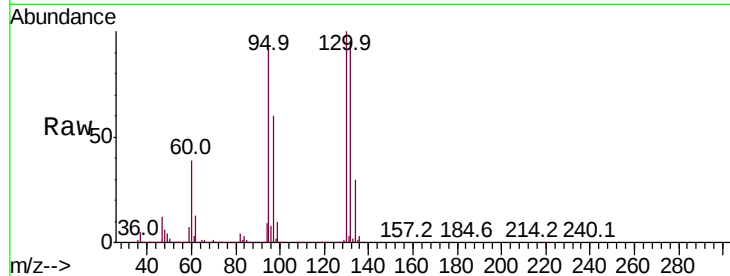
S49-0499DL

Tot Ion:130 Resp: 1579581

Ion Ratio Lower Upper

130 100

95 92.1 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

800000

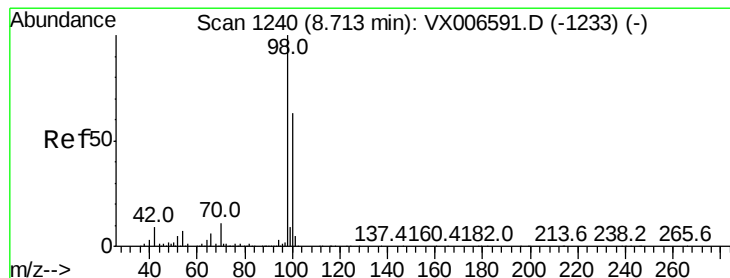
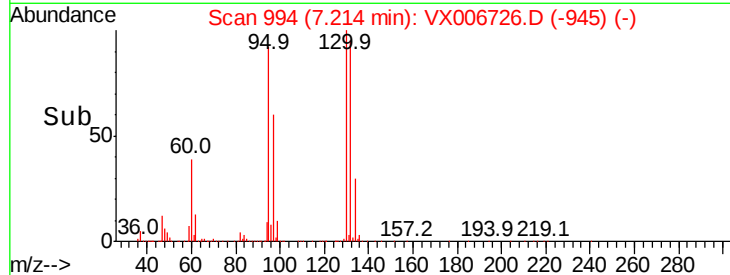
600000

400000

200000

0

Time-->



#50

Toluene-d8

Concen: 49.134 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006726.D

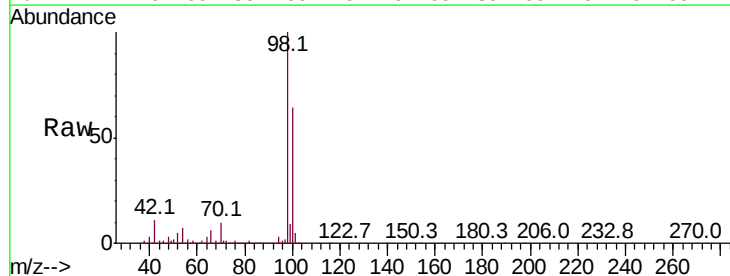
Acq: 21 Dec 2018 16:23

Tgt Ion: 98 Resp: 1152471

Ion Ratio Lower Upper

98 100

100 64.0 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

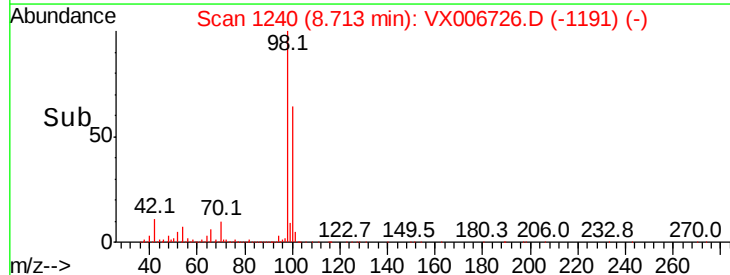
600000

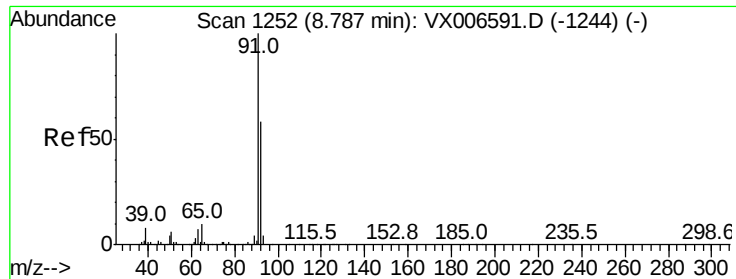
400000

200000

0

Time-->





#52

Toluene

Concen: 0.271 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX006726.D

Acq: 21 Dec 2018 16:23

Instrument :

MSVOA_X

ClientSampleID :

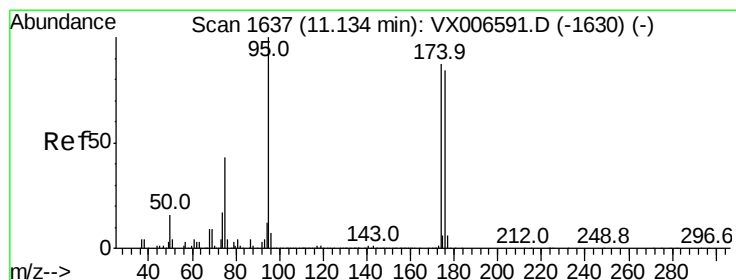
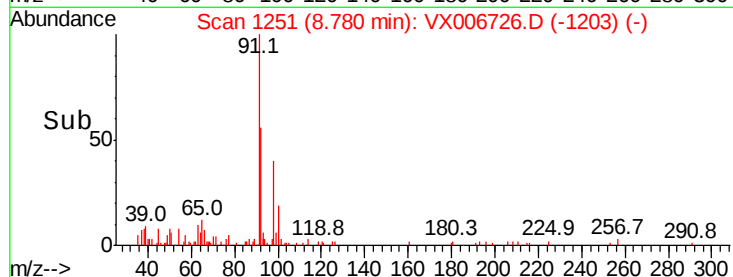
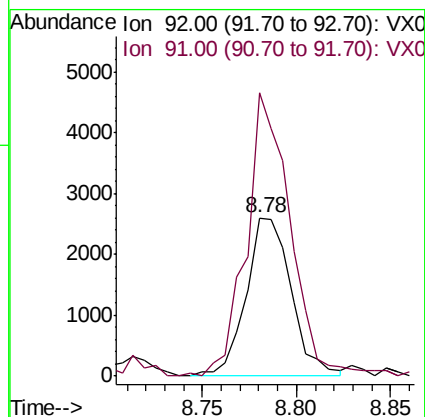
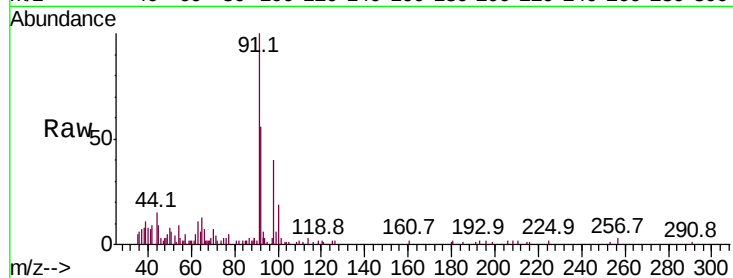
S49-0499DL

Tot Ion: 92 Resp: 4341

Ion Ratio Lower Upper

92 100

91 173.6 137.6 206.4



#62

4-Bromofluorobenzene

Concen: 46.922 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX006726.D

Acq: 21 Dec 2018 16:23

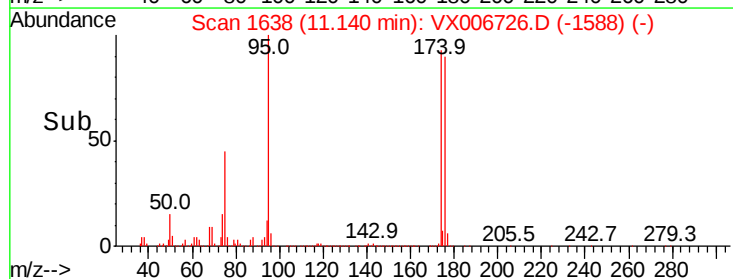
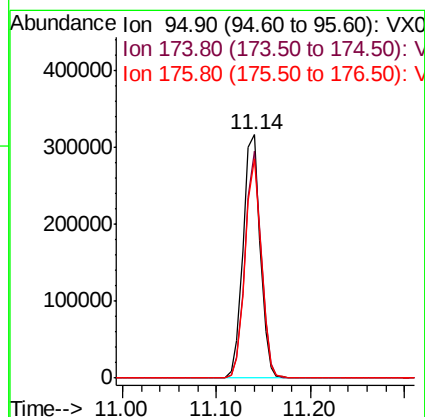
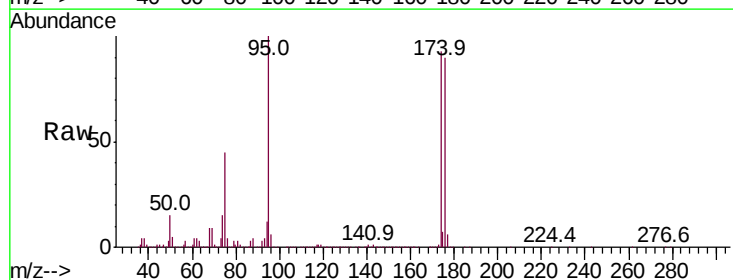
Tgt Ion: 95 Resp: 403075

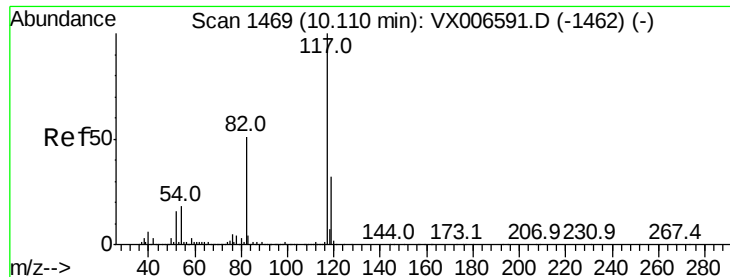
Ion Ratio Lower Upper

95 100

174 88.3 0.0 182.2

176 85.8 0.0 178.8

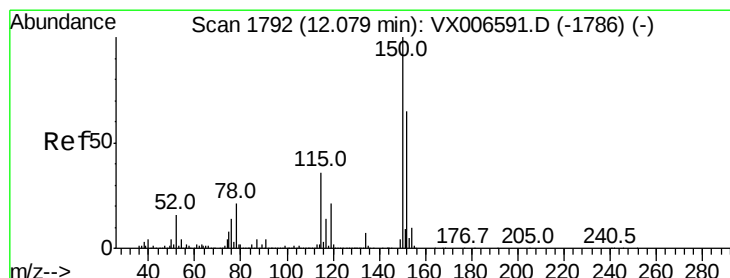
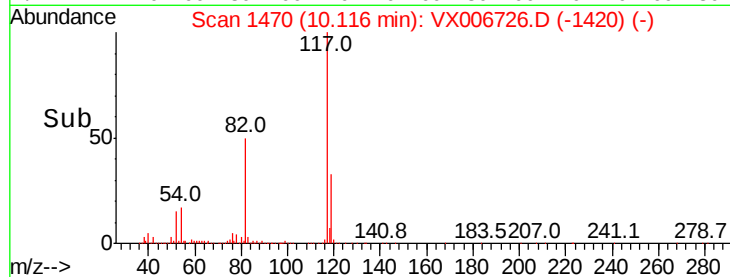
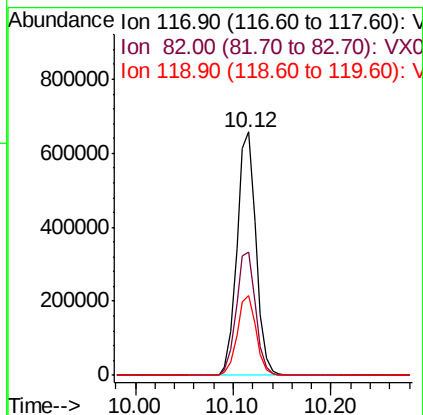
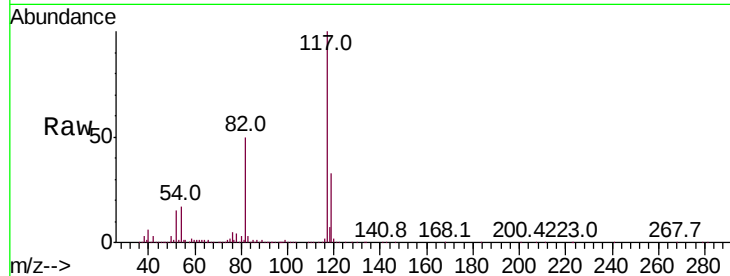




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006726.D
Acq: 21 Dec 2018 16:23

Instrument :
MSVOA_X
ClientSampled :
S49-0499DL

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.4	41.0	61.6
119	32.7	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: VX006726.D
Acq: 21 Dec 2018 16:23

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.4	39.1	117.2
150	158.5	0.0	344.8

