

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122018\
 Data File : VX006695.D
 Acq On : 21 Dec 2018 00:41
 Operator : JC/MD
 Sample : J6514-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0494

Quant Time: Dec 21 04:52:07 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

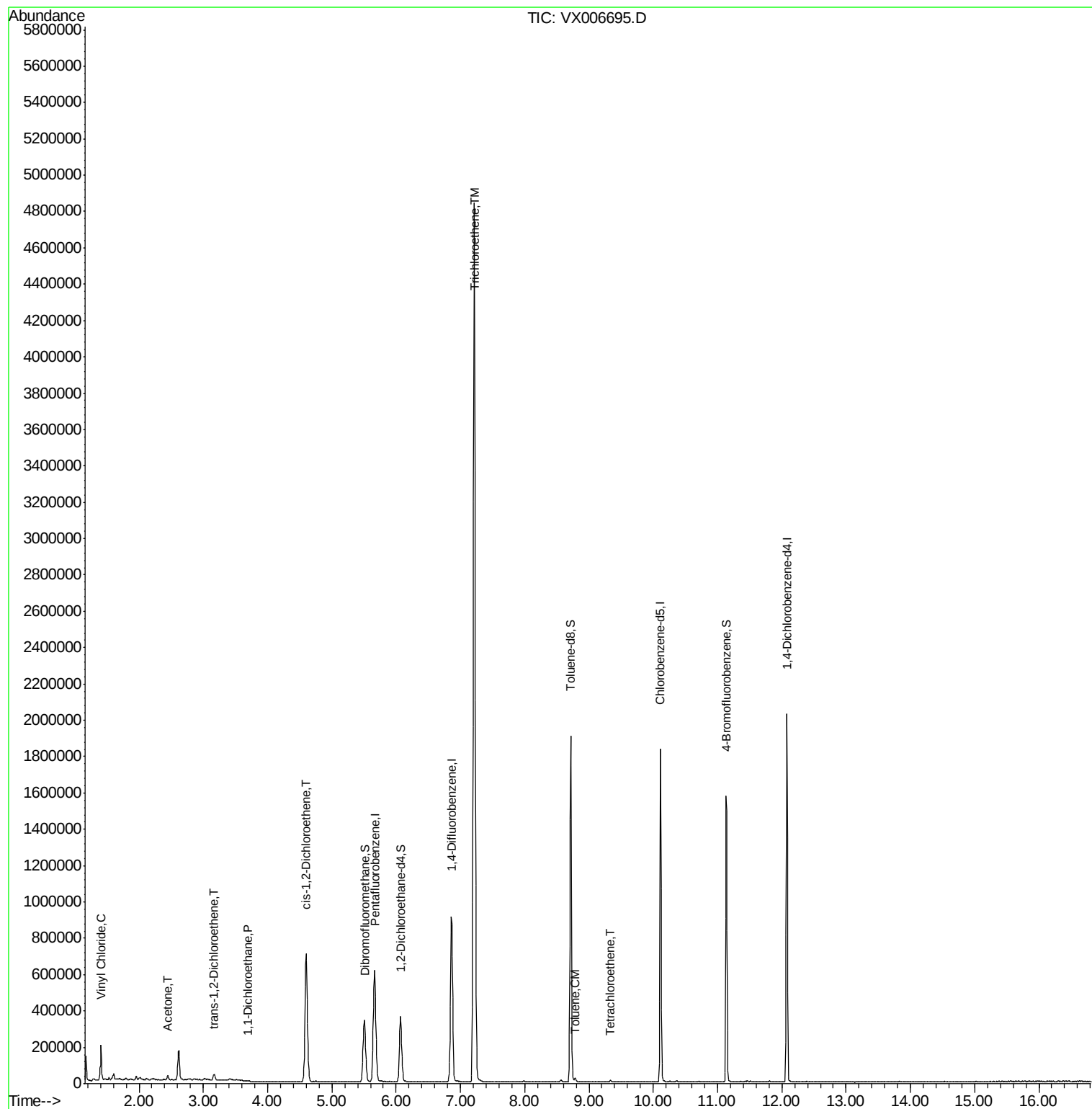
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	619770	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	981941	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	909773	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	425701	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	337055	50.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.92%	
35) Dibromofluoromethane	5.50	113	294988	47.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.02%	
50) Toluene-d8	8.71	98	1163944	49.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.44%	
62) 4-Bromofluorobenzene	11.13	95	419356	48.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.82%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.41	62	100638	15.775	ug/l	99
16) Acetone	2.45	43	24625	8.024	ug/l	100
21) trans-1,2-Dichloroethene	3.17	96	12715	2.072	ug/l	92
24) 1,1-Dichloroethane	3.70	63	4445	0.437	ug/l #	82
27) cis-1,2-Dichloroethene	4.60	96	469252	69.319	ug/l	93
44) Trichloroethene	7.21	130	1930873	258.062	ug/l	99
52) Toluene	8.78	92	5876	0.368	ug/l	86
64) Tetrachloroethene	9.34	164	1913	0.266	ug/l	94

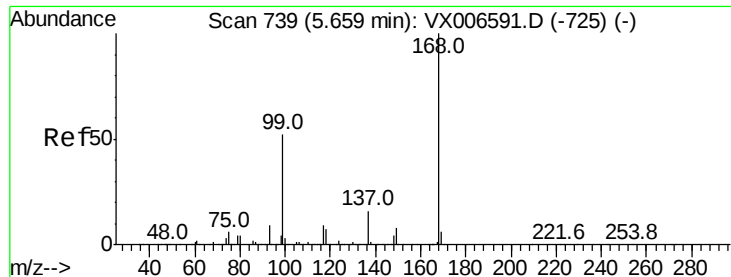
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX122018\
Data File : VX006695.D
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S49-0494

Quant Time: Dec 21 04:52:07 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
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: VX006695.D

Acq: 21 Dec 2018 00:41

Instrument :

MSVOA_X

ClientSampleId :

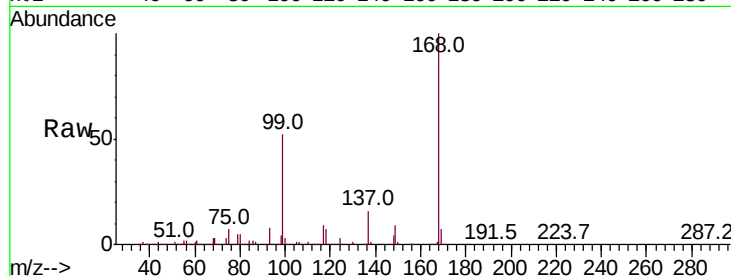
S49-0494

Tot Ion:168 Resp: 619770

Ion Ratio Lower Upper

168 100

99 51.8 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

200000

150000

100000

50000

0

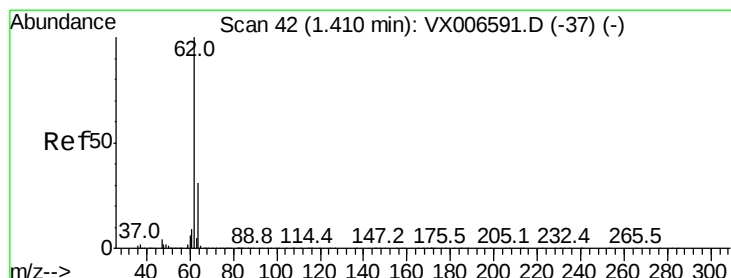
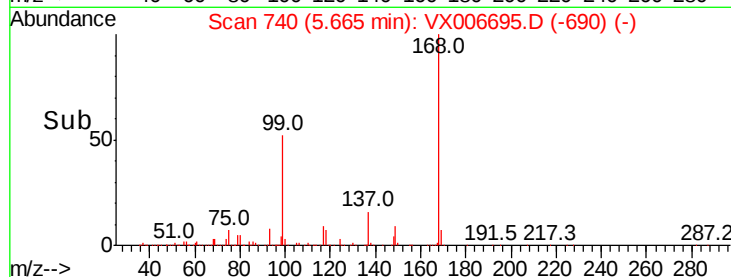
Time-->

5.50

5.60

5.70

5.80



#4

Vinyl Chloride

Concen: 15.775 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006695.D

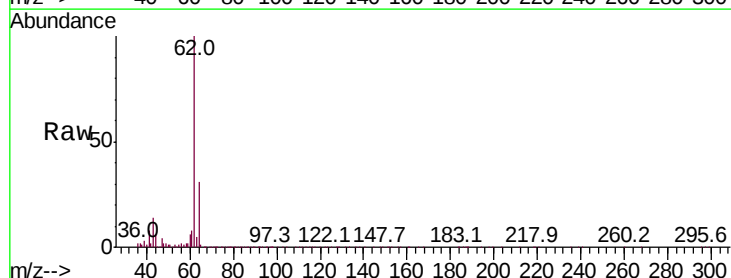
Acq: 21 Dec 2018 00:41

Tgt Ion: 62 Resp: 100638

Ion Ratio Lower Upper

62 100

64 30.8 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

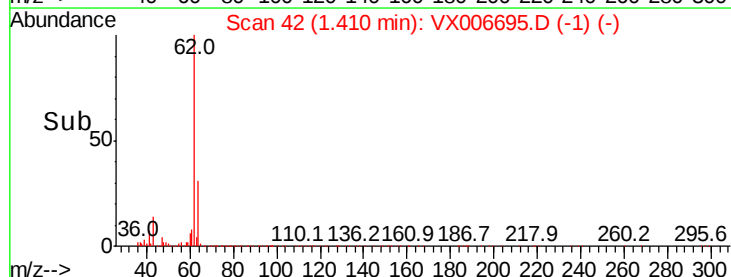
Time-->

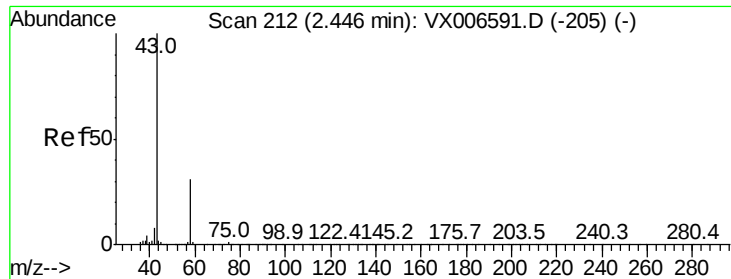
1.35

1.40

1.45

1.50

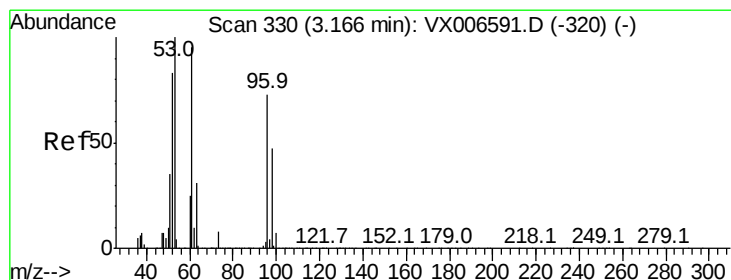
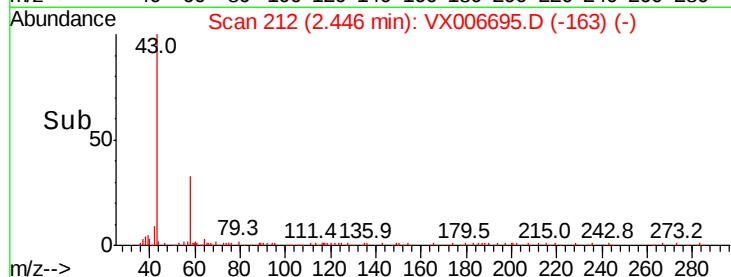
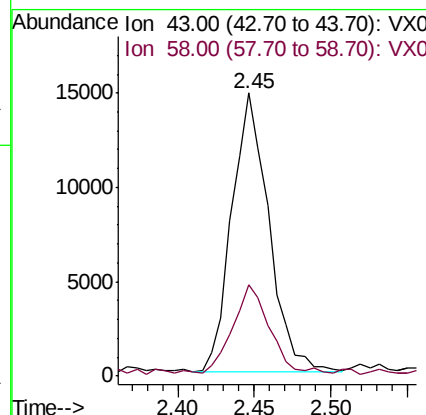
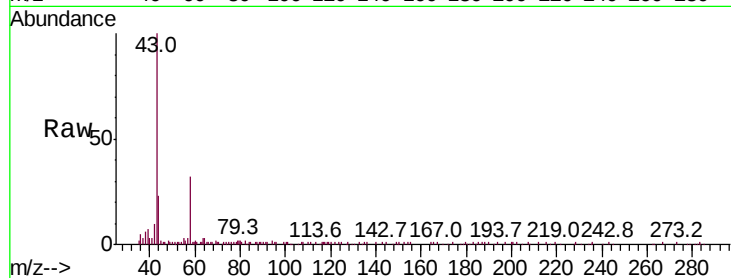




#16
Acetone
Concen: 8.024 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX006695.D
Acq: 21 Dec 2018 00:41

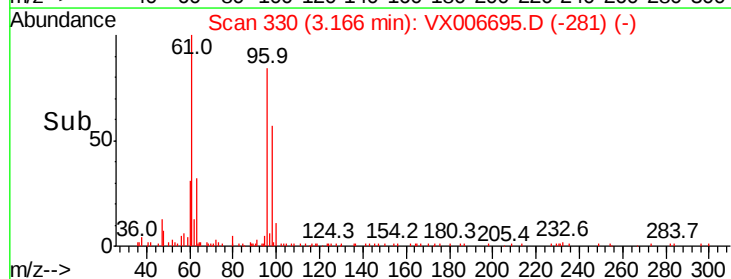
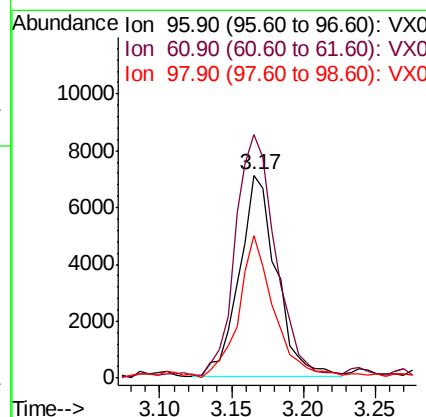
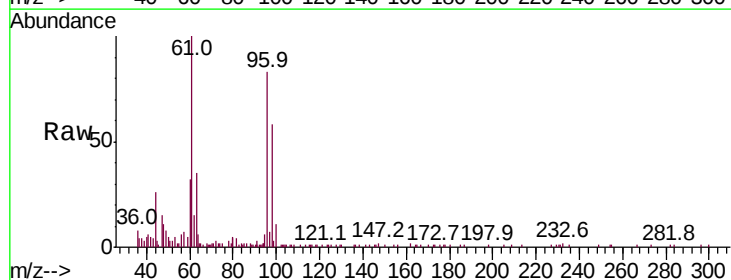
Instrument :
MSVOA_X
ClientSampleId :
S49-0494

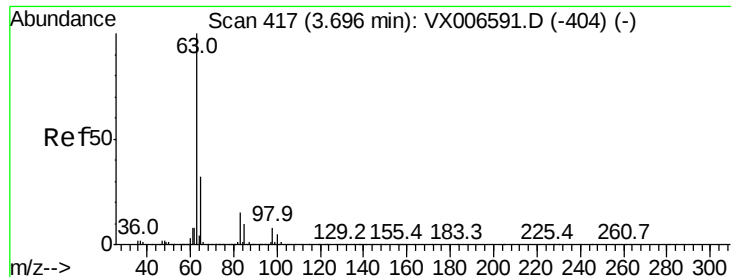
Tot Ion: 43 Resp: 24625
Ion Ratio Lower Upper
43 100
58 31.5 25.0 37.6



#21
trans-1,2-Dichloroethene
Concen: 2.072 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.00 min
Lab File: VX006695.D
Acq: 21 Dec 2018 00:41

Tgt Ion: 96 Resp: 12715
Ion Ratio Lower Upper
96 100
61 118.7 103.7 155.5
98 68.9 51.0 76.6





#24

1,1-Dichloroethane

Concen: 0.437 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006695.D

Acq: 21 Dec 2018 00:41

Instrument :

MSVOA_X

ClientSampleId :

S49-0494

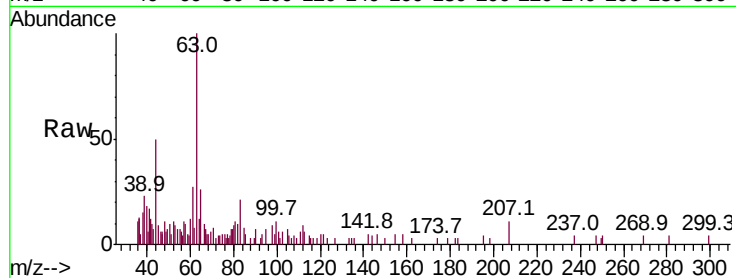
Tot Ion: 63 Resp: 4445

Ion Ratio Lower Upper

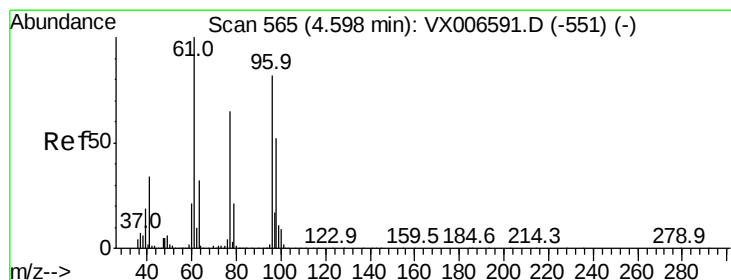
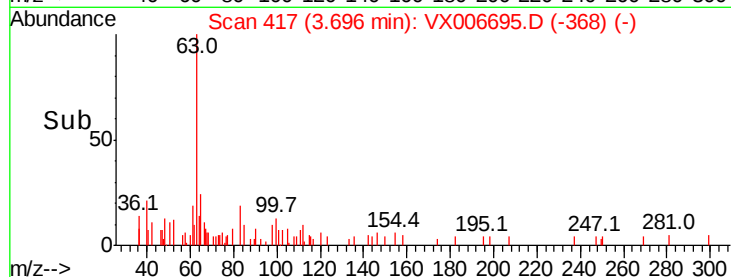
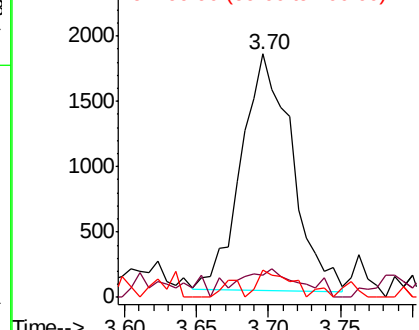
63 100

98 9.3 3.9 11.5

100 18.3 2.4 7.2#



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 69.319 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.00 min

Lab File: VX006695.D

Acq: 21 Dec 2018 00:41

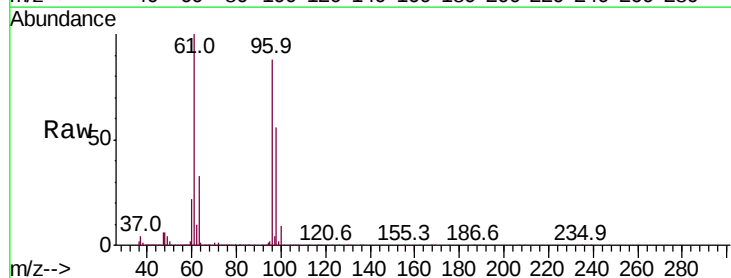
Tgt Ion: 96 Resp: 469252

Ion Ratio Lower Upper

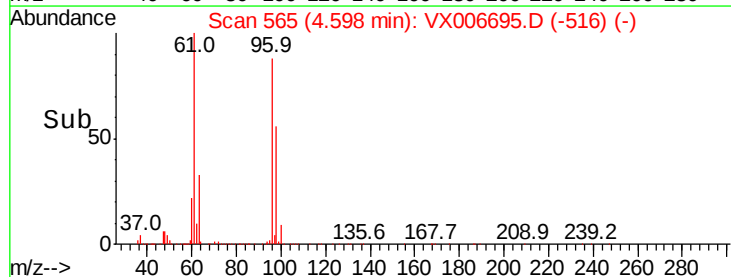
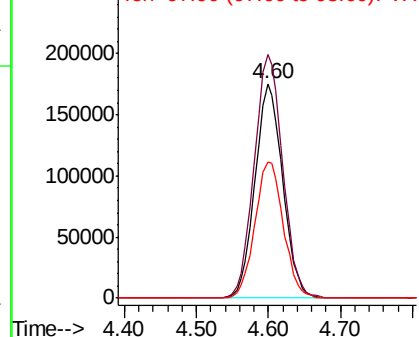
96 100

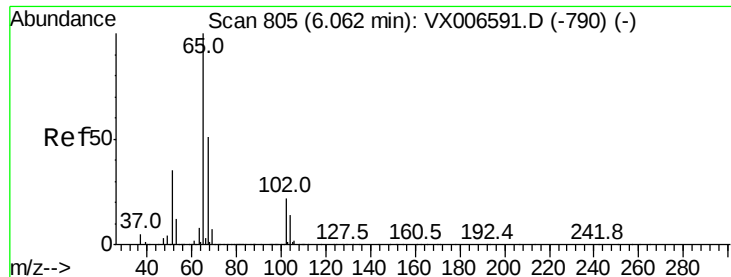
61 116.8 0.0 258.6

98 65.3 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: 50.460 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006695.D

Acq: 21 Dec 2018 00:41

Instrument :

MSVOA_X

ClientSampleId :

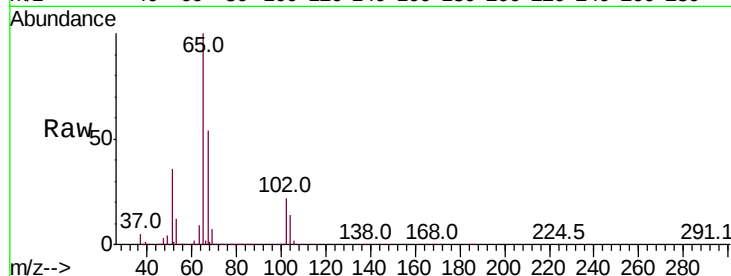
S49-0494

Tot Ion: 65 Resp: 337055

Ion Ratio Lower Upper

65 100

67 53.3 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

150000

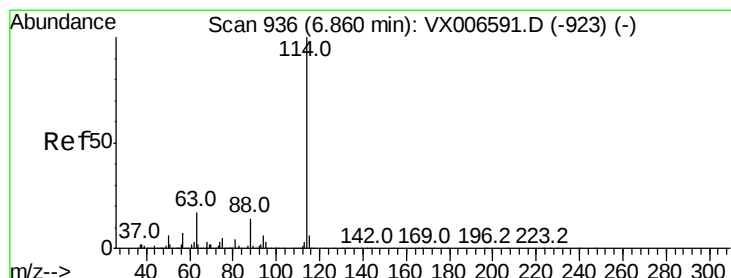
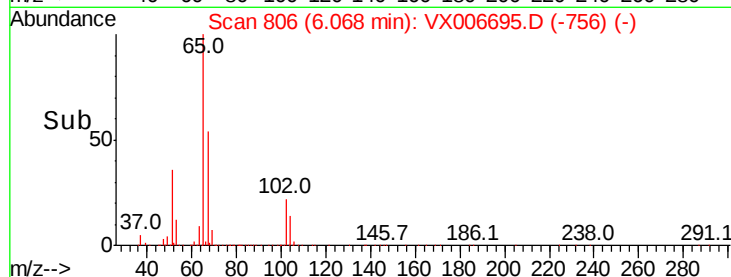
100000

50000

0

Time-->

5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006695.D

Acq: 21 Dec 2018 00:41

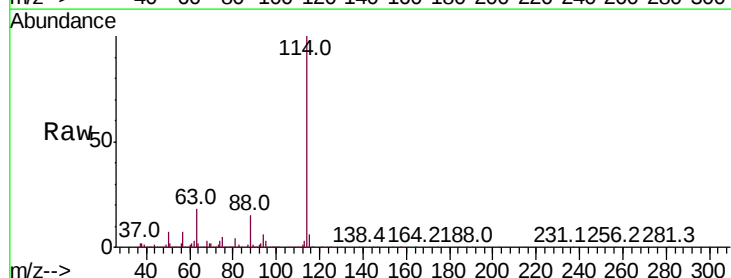
Tgt Ion:114 Resp: 981941

Ion Ratio Lower Upper

114 100

63 17.5 0.0 34.8

88 14.6 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

6.86

500000

400000

300000

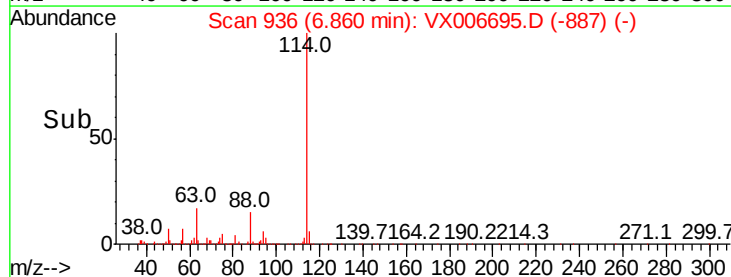
200000

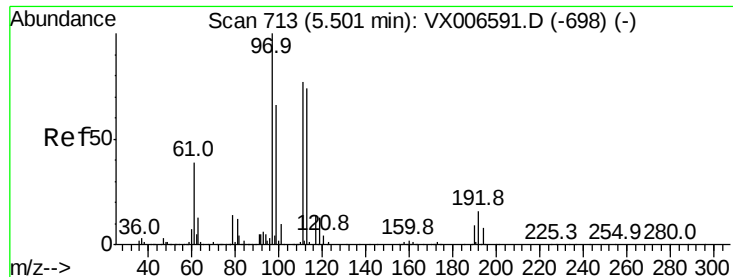
100000

0

Time-->

6.70 6.80 6.90 7.00

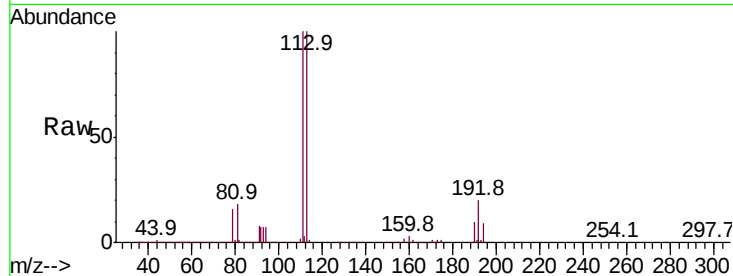




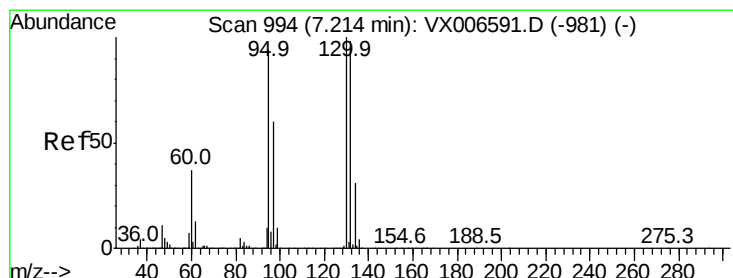
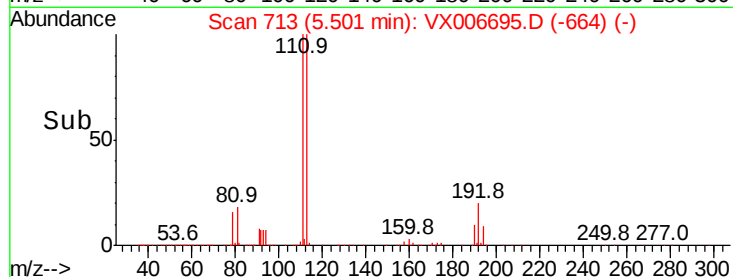
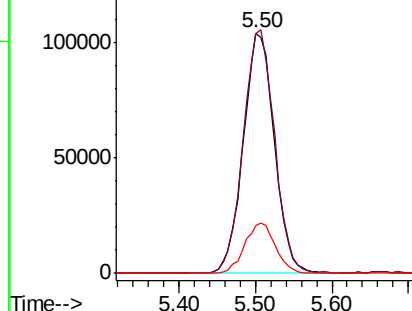
#35
 Dibromofluoromethane
 Concen: 47.505 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX006695.D
 Acq: 21 Dec 2018 00:41

Instrument :
 MSVOA_X
 ClientSampled :
 S49-0494

Tot Ion:113 Resp: 294988
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.6 122.4
 192 20.7 16.7 25.1

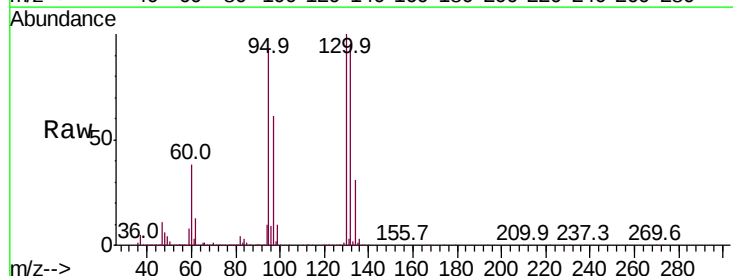


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

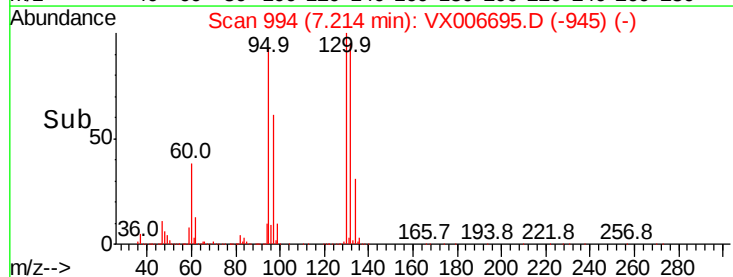
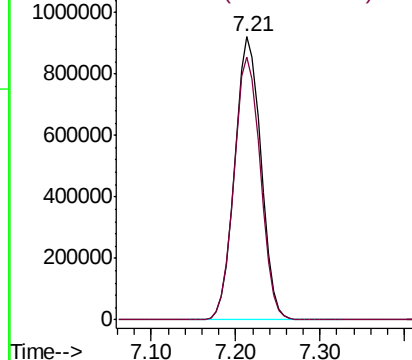


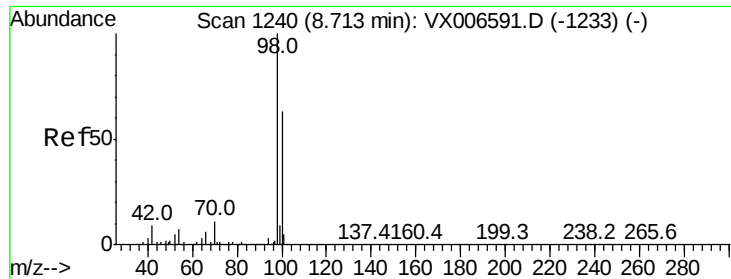
#44
 Trichloroethene
 Concen: 258.062 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX006695.D
 Acq: 21 Dec 2018 00:41

Tgt Ion:130 Resp: 1930873
 Ion Ratio Lower Upper
 130 100
 95 92.9 0.0 187.0



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): V

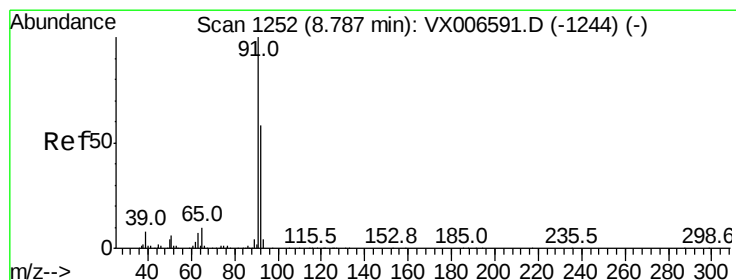
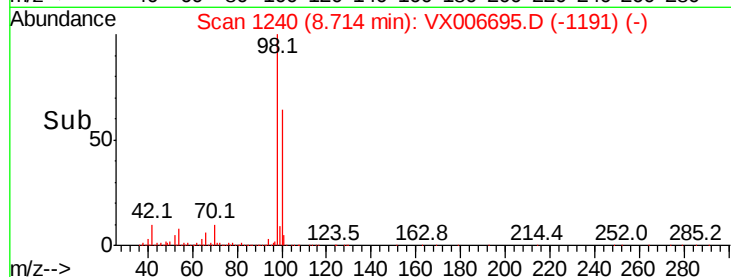
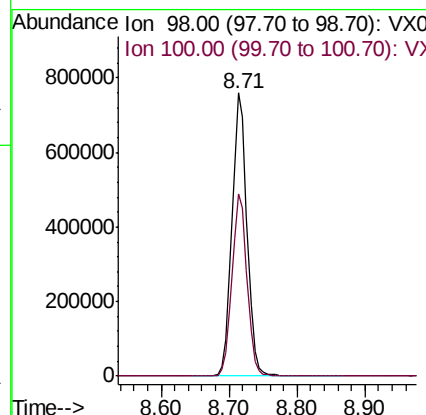
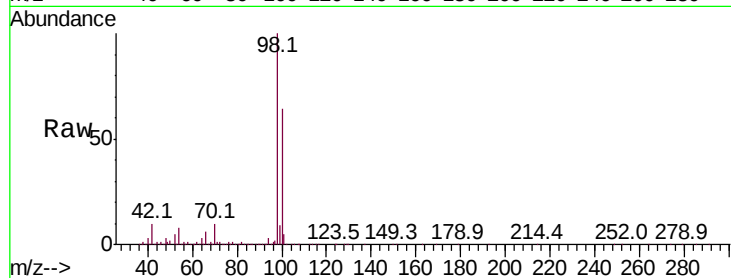




#50
Toluene-d8
Concen: 49.719 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006695.D
Acq: 21 Dec 2018 00:41

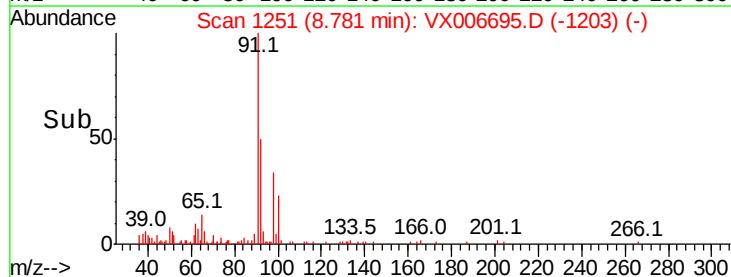
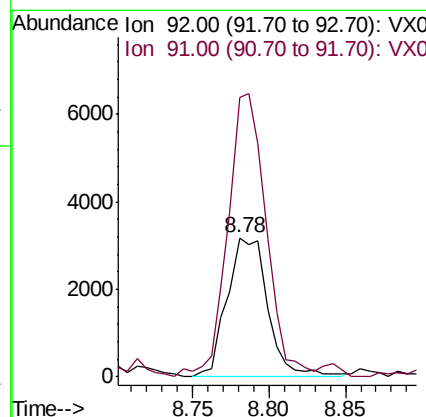
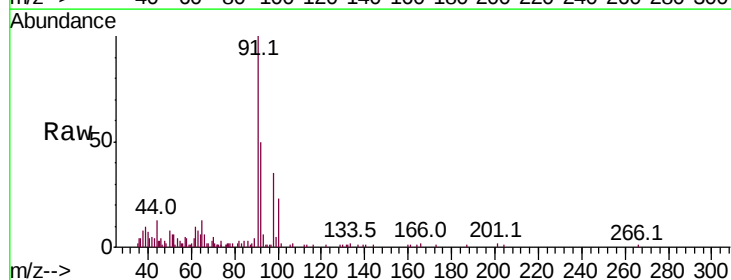
Instrument :
MSVOA_X
ClientSampleId :
S49-0494

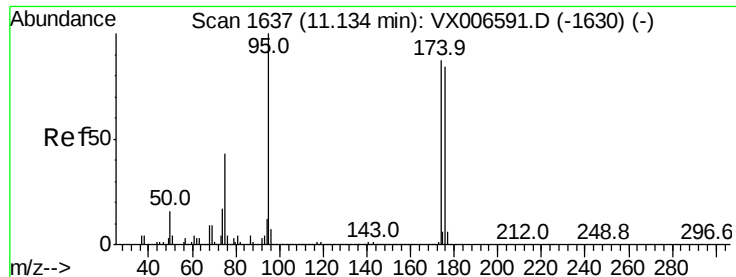
Tot Ion: 98 Resp: 1163944
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0



#52
Toluene
Concen: 0.368 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX006695.D
Acq: 21 Dec 2018 00:41

Tgt Ion: 92 Resp: 5876
Ion Ratio Lower Upper
92 100
91 191.1 137.6 206.4





#62

4-Bromofluorobenzene

Concen: 48.911 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX006695.D

Acq: 21 Dec 2018 00:41

Instrument :

MSVOA_X

ClientSampleId :

S49-0494

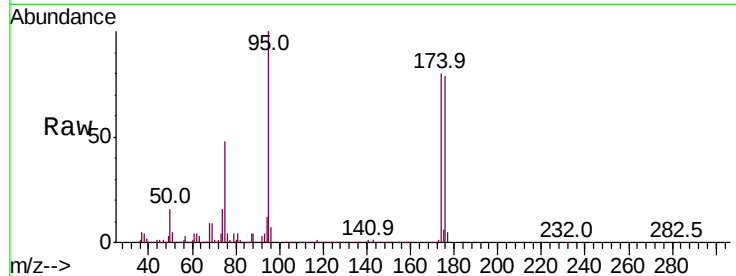
Tot Ion: 95 Resp: 419356

Ion Ratio Lower Upper

95 100

174 86.8 0.0 182.2

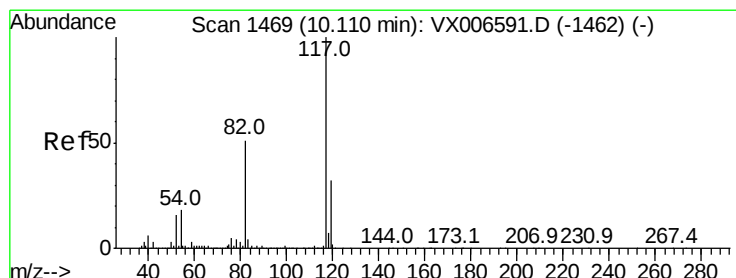
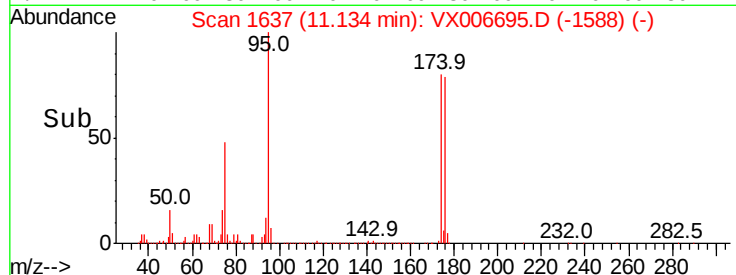
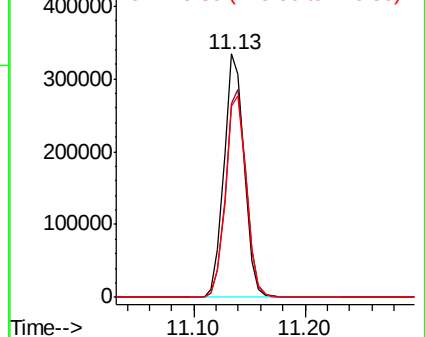
176 85.0 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VX006695.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX006695.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX006695.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX006695.D

Acq: 21 Dec 2018 00:41

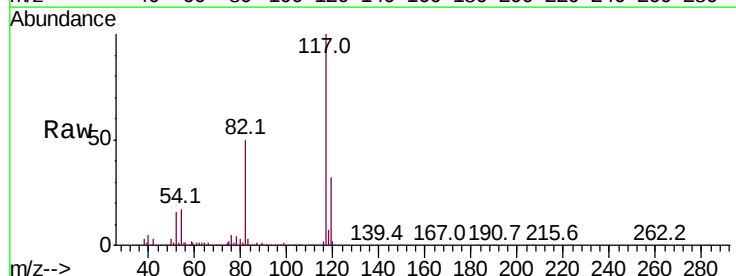
Tgt Ion: 117 Resp: 909773

Ion Ratio Lower Upper

117 100

82 50.0 41.0 61.6

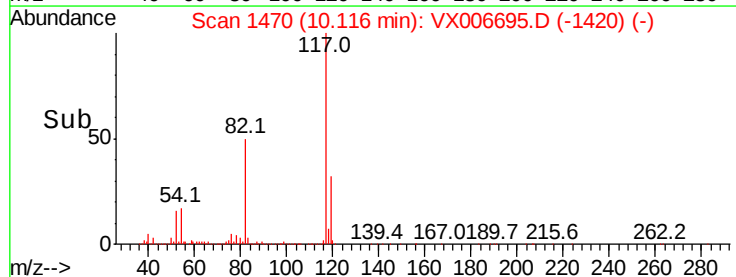
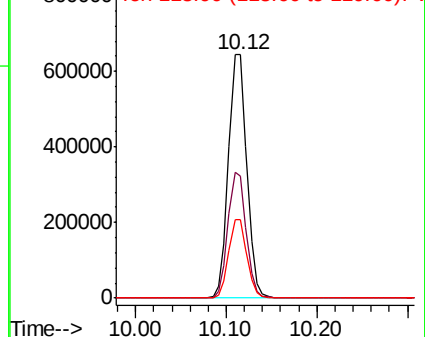
119 32.1 25.4 38.0

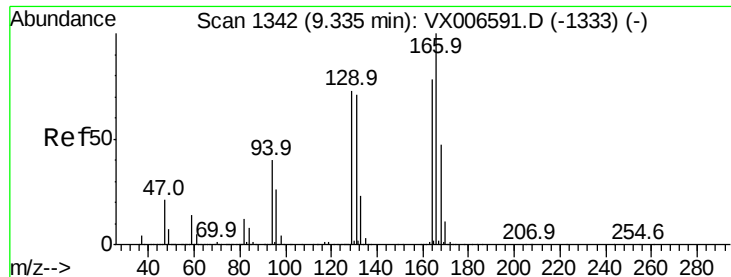


Abundance Ion 116.90 (116.60 to 117.60): VX006695.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX006695.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX006695.D (-1420) (-)

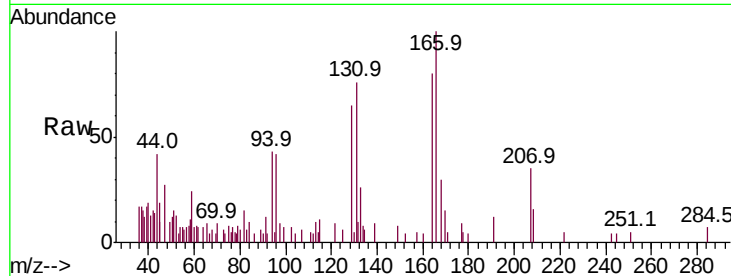




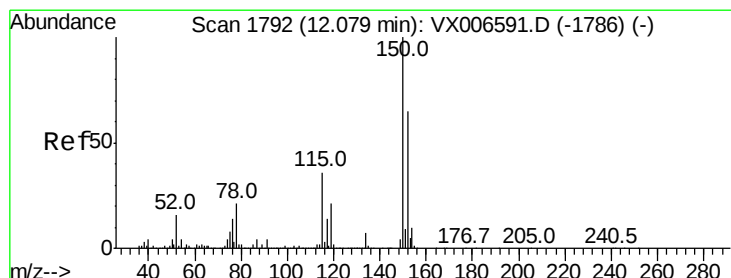
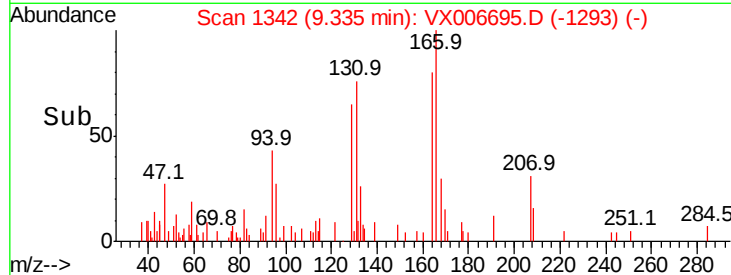
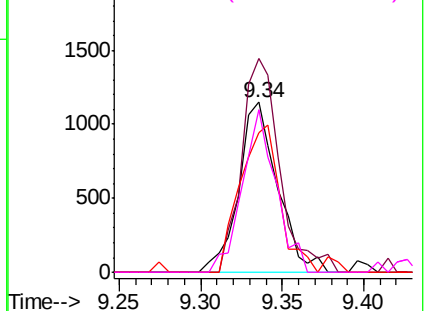
#64
Tetrachloroethene
Concen: 0.266 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006695.D
Acq: 21 Dec 2018 00:41

Instrument :
MSVOA_X
ClientSampleId :
S49-0494

Tot Ion:164 Resp: 1913
Ion Ratio Lower Upper
164 100
166 125.6 102.5 153.7
129 82.1 75.1 112.7
131 95.9 72.7 109.1

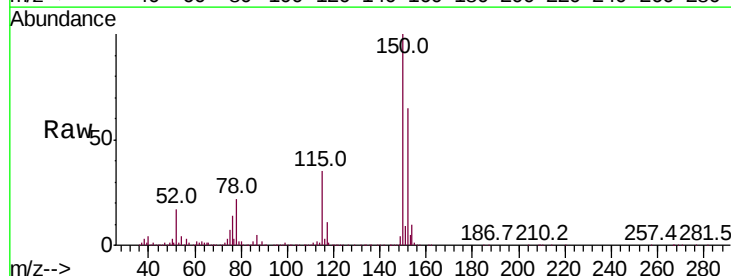


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006695.D
Acq: 21 Dec 2018 00:41

Tgt Ion:152 Resp: 425701
Ion Ratio Lower Upper
152 100
115 56.8 39.1 117.2
150 158.1 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

