

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122018\
 Data File : VX006696.D
 Acq On : 21 Dec 2018 01:07
 Operator : JC/MD
 Sample : J6514-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0495

Quant Time: Dec 21 04:54:15 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

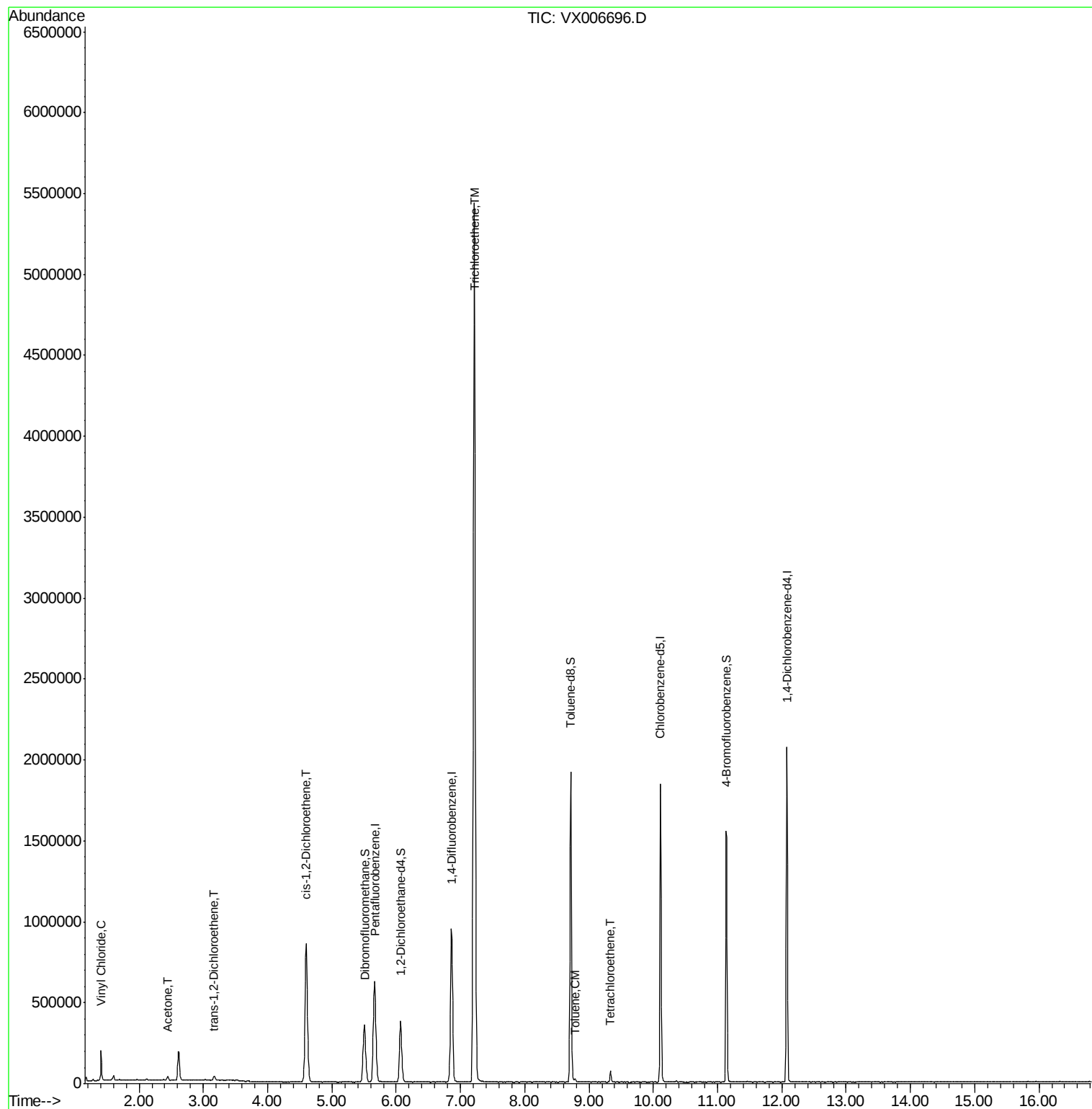
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	637944	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1016039	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	925047	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	436722	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	348896	50.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.48%	
35) Dibromofluoromethane	5.50	113	304044	47.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.64%	
50) Toluene-d8	8.71	98	1204023	49.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.40%	
62) 4-Bromofluorobenzene	11.13	95	420224	47.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.74%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.41	62	110939	16.894	ug/l	99
16) Acetone	2.45	43	22255	7.045	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	11072	1.753	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	579840	83.216	ug/l	91
44) Trichloroethene	7.21	130	2129216	275.020	ug/l	99
52) Toluene	8.79	92	6449	0.390	ug/l	91
64) Tetrachloroethene	9.34	164	13373	1.826	ug/l #	90

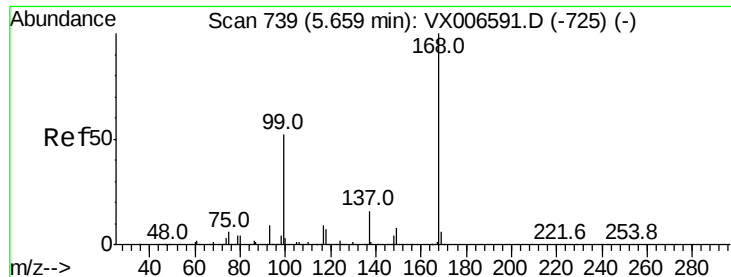
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX122018\
Data File : VX006696.D
Acq On : 21 Dec 2018 01:07
Operator : JC/MD
Sample : J6514-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
S49-0495

Quant Time: Dec 21 04:54:15 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: VX006696.D

Acq: 21 Dec 2018 01:07

Instrument :

MSVOA_X

ClientSampleId :

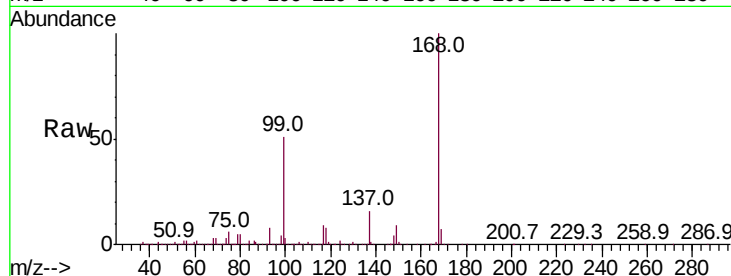
S49-0495

Tot Ion:168 Resp: 637944

Ion Ratio Lower Upper

168 100

99 51.0 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

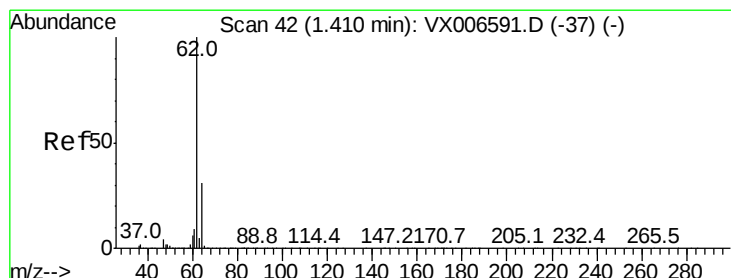
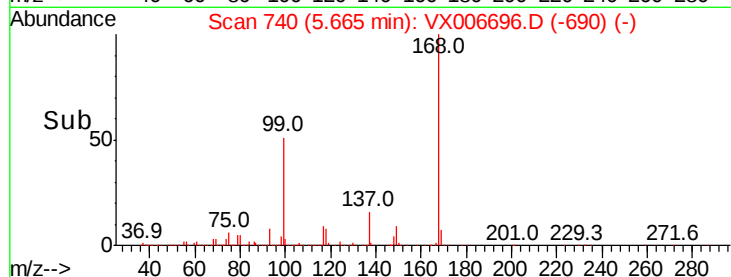
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 16.894 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006696.D

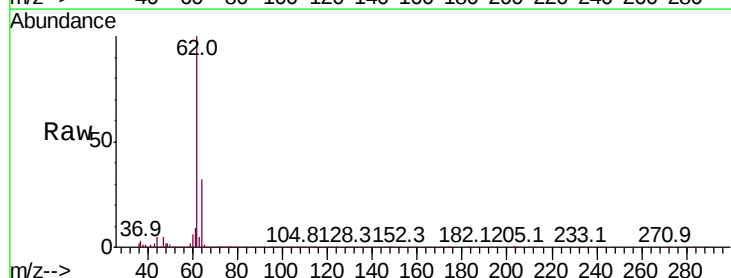
Acq: 21 Dec 2018 01:07

Tgt Ion: 62 Resp: 110939

Ion Ratio Lower Upper

62 100

64 31.8 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

120000

100000

80000

60000

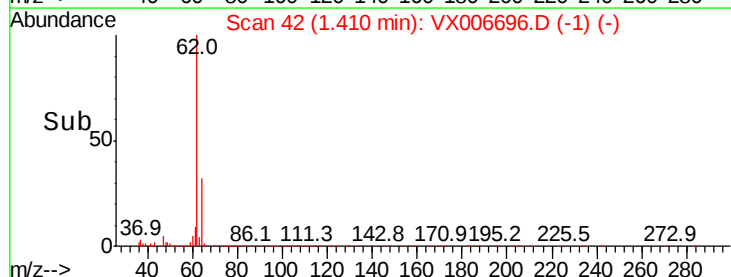
40000

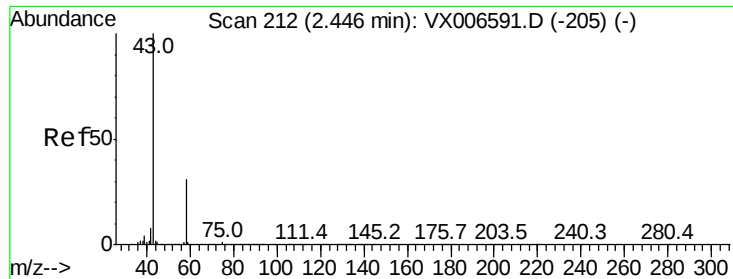
20000

0

Time-->

1.30 1.35 1.40 1.45 1.50

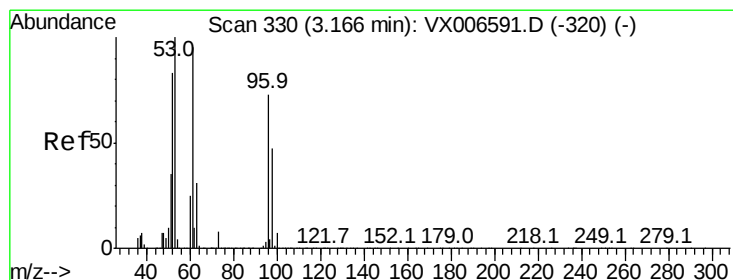
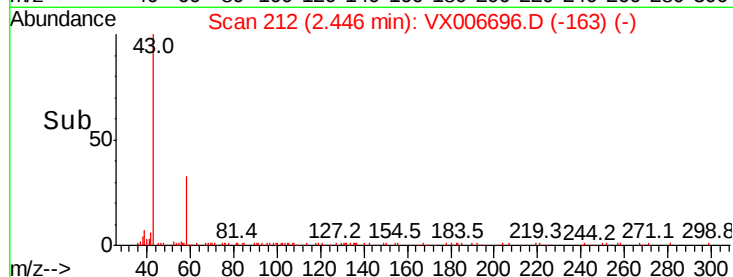
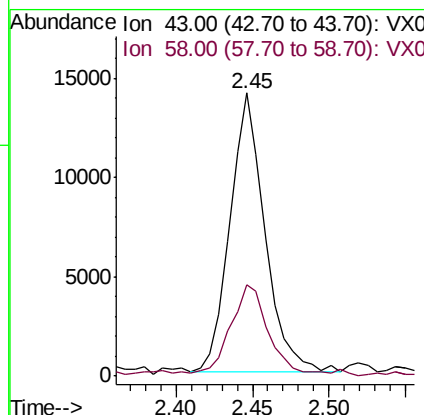
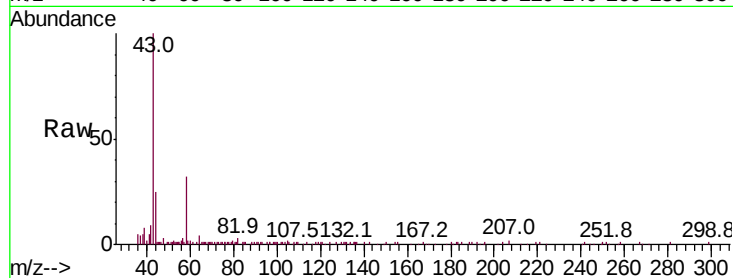




#16
Acetone
Concen: 7.045 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX006696.D
Acq: 21 Dec 2018 01:07

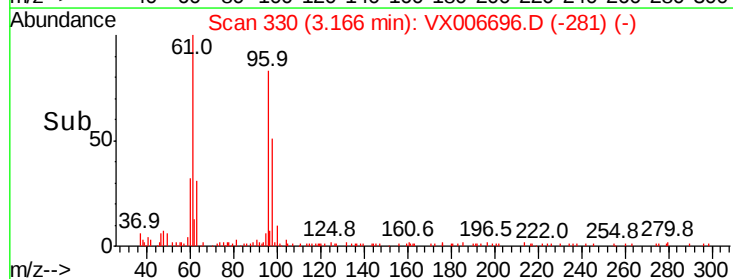
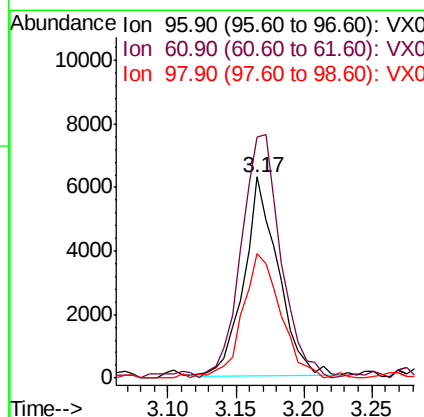
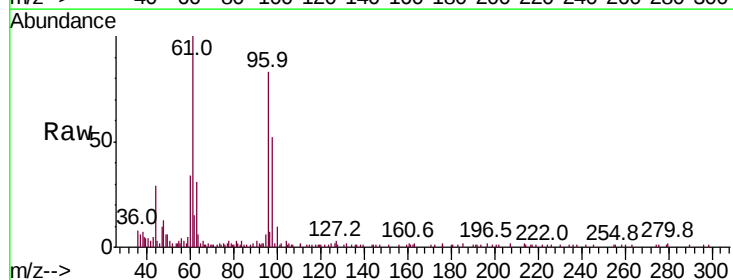
Instrument :
MSVOA_X
ClientSampleId :
S49-0495

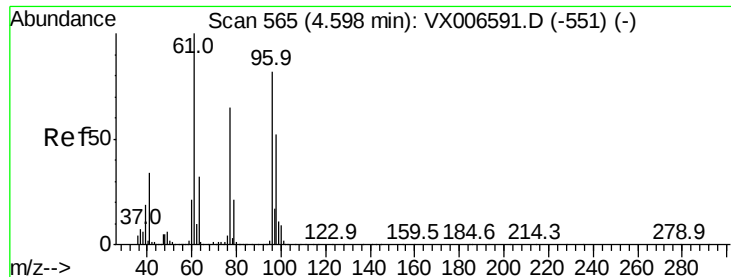
Tot Ion: 43 Resp: 22255
Ion Ratio Lower Upper
43 100
58 30.8 25.0 37.6



#21
trans-1,2-Dichloroethene
Concen: 1.753 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX006696.D
Acq: 21 Dec 2018 01:07

Tgt Ion: 96 Resp: 11072
Ion Ratio Lower Upper
96 100
61 120.9 103.7 155.5
98 63.1 51.0 76.6



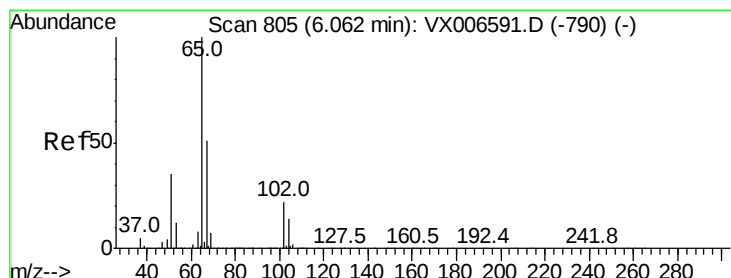
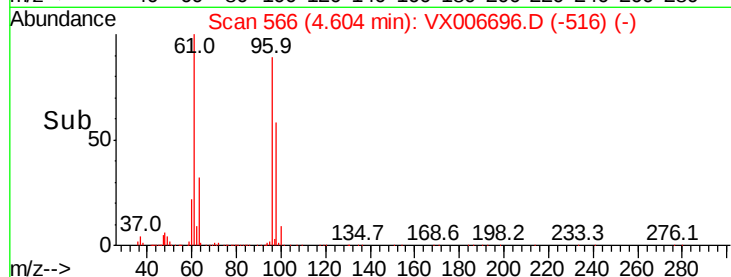
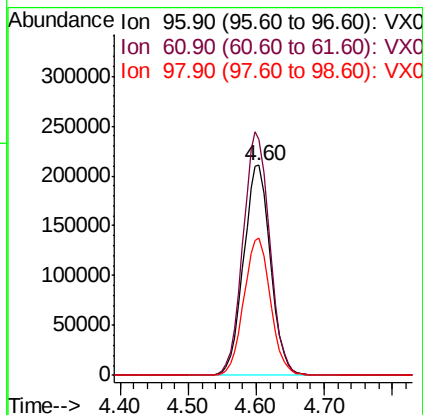
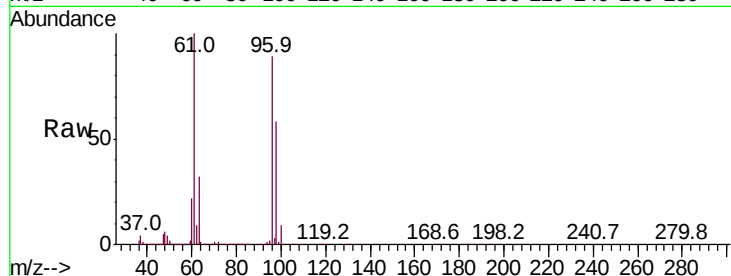


#27

cis-1,2-Dichloroethene
 Concen: 83.216 ug/l
 RT: 4.60 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: VX006696.D
 Acq: 21 Dec 2018 01:07

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0495

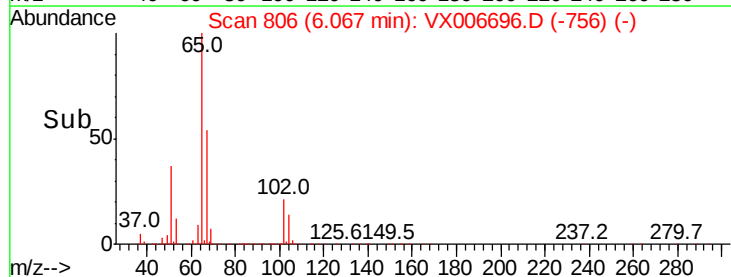
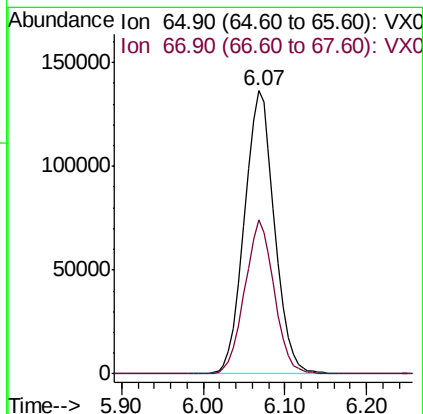
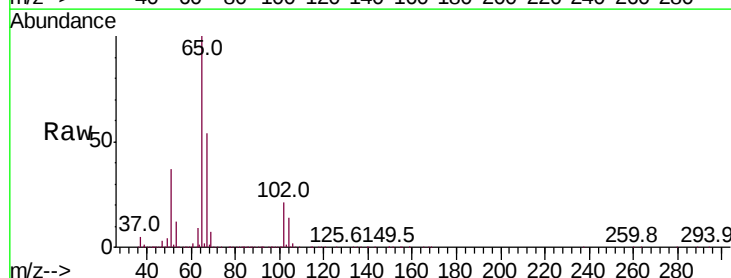
Tot Ion	Ratio	Lower	Upper
96	100		
61	114.9	0.0	258.6
98	64.7	0.0	132.0

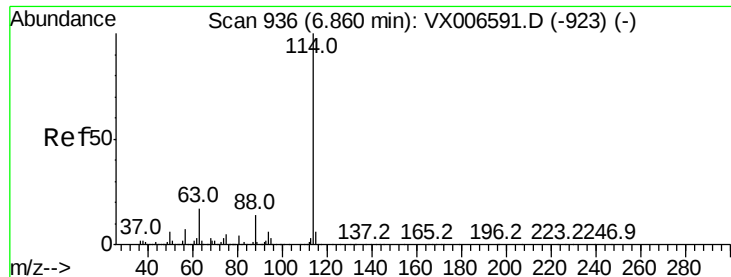


#33

1,2-Dichloroethane-d4
 Concen: 50.745 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: VX006696.D
 Acq: 21 Dec 2018 01:07

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.4	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: VX006696.D

Acq: 21 Dec 2018 01:07

Instrument :

MSVOA_X

ClientSampleId :

S49-0495

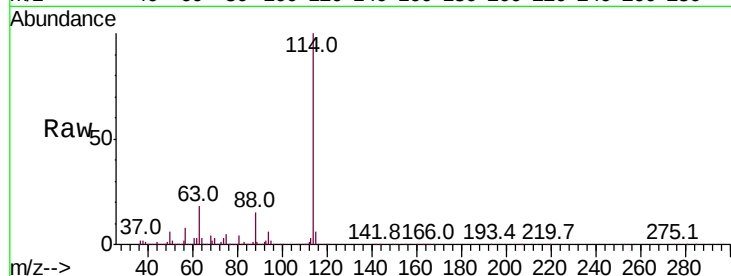
Tot Ion:114 Resp: 1016039

Ion Ratio Lower Upper

114 100

63 18.4 0.0 34.8

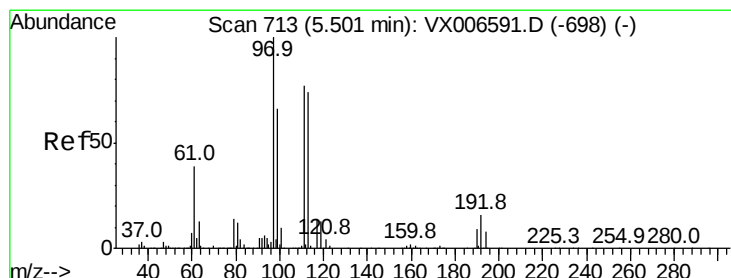
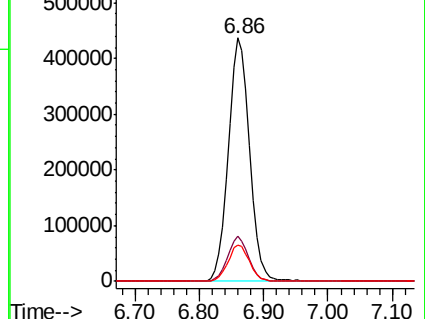
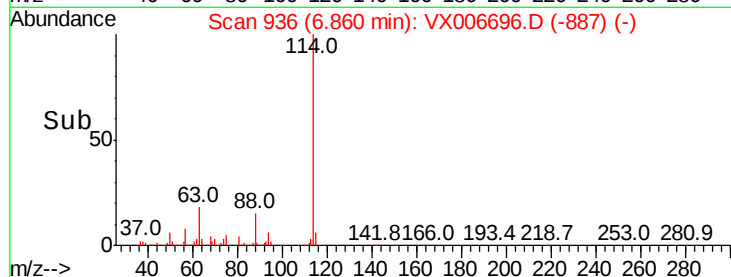
88 14.8 0.0 28.8



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: 47.320 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006696.D

Acq: 21 Dec 2018 01:07

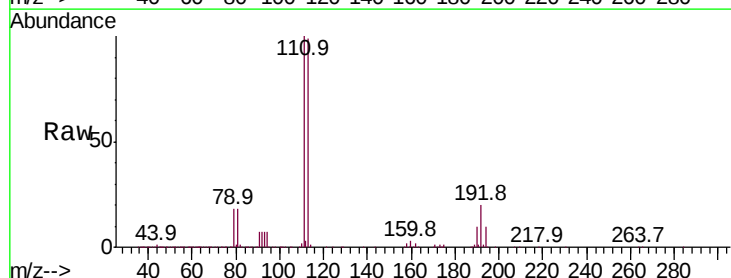
Tgt Ion:113 Resp: 304044

Ion Ratio Lower Upper

113 100

111 102.3 81.6 122.4

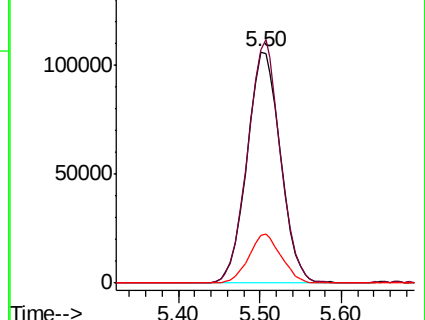
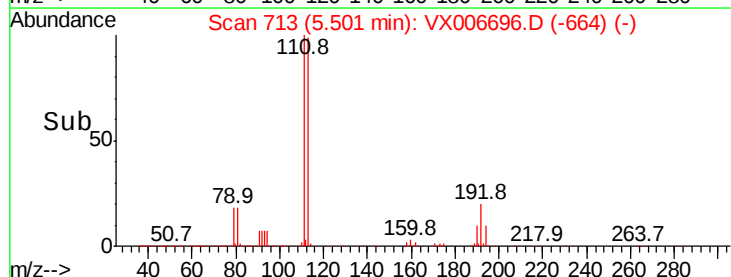
192 20.6 16.7 25.1

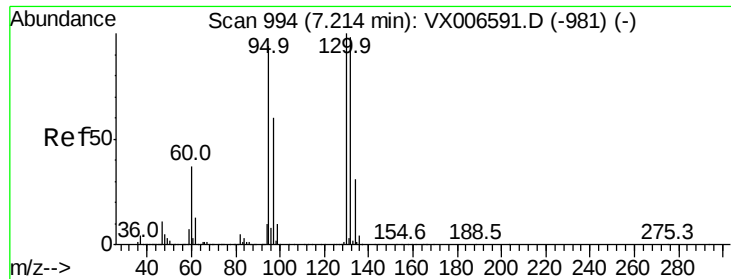


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 275.020 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX006696.D

Acq: 21 Dec 2018 01:07

Instrument :

MSVOA_X

ClientSampleId :

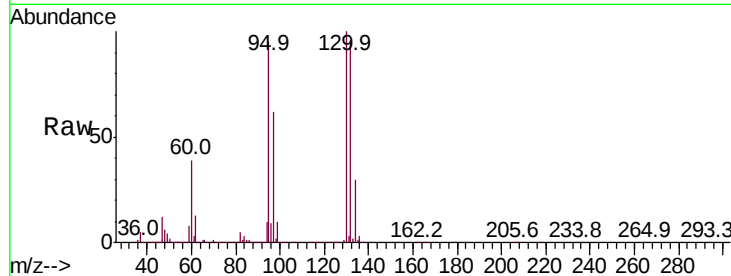
S49-0495

Tot Ion:130 Resp: 2129216

Ion Ratio Lower Upper

130 100

95 94.7 0.0 187.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

1200000

1000000

800000

600000

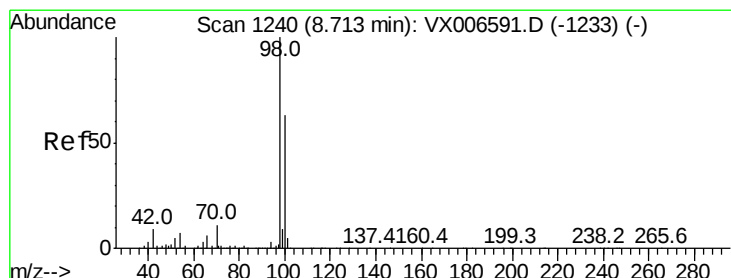
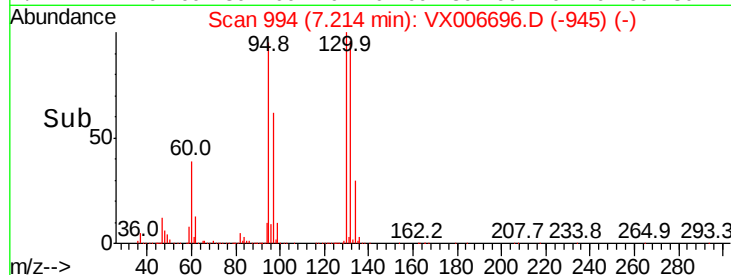
400000

200000

0

7.10 7.20 7.30 7.40

Time-->



#50

Toluene-d8

Concen: 49.705 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006696.D

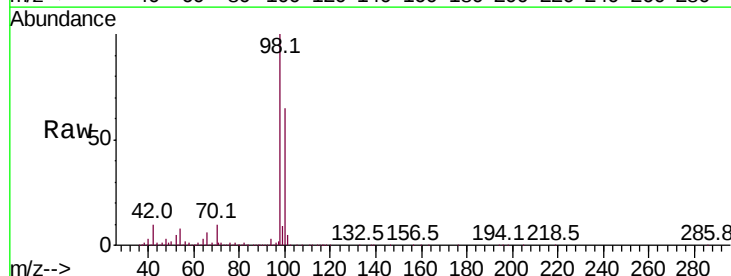
Acq: 21 Dec 2018 01:07

Tgt Ion: 98 Resp: 1204023

Ion Ratio Lower Upper

98 100

100 64.1 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

800000

600000

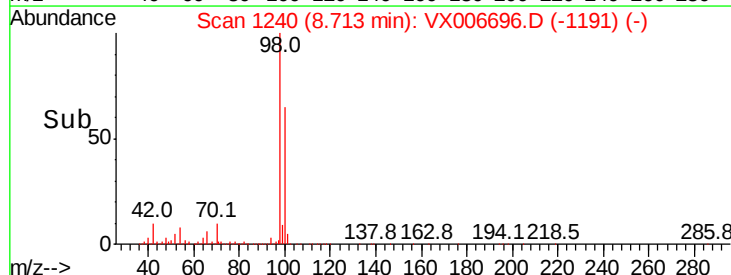
400000

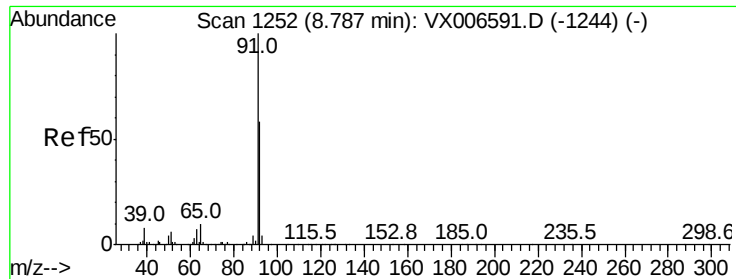
200000

0

8.60 8.70 8.80 8.90

Time-->





#52

Toluene

Concen: 0.390 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX006696.D

Acq: 21 Dec 2018 01:07

Instrument :

MSVOA_X

ClientSampleId :

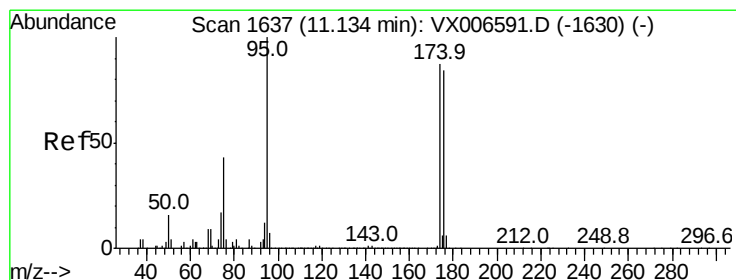
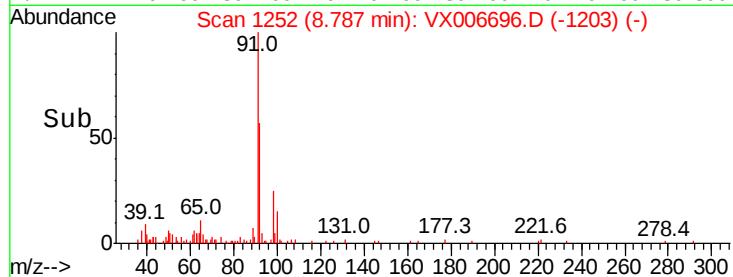
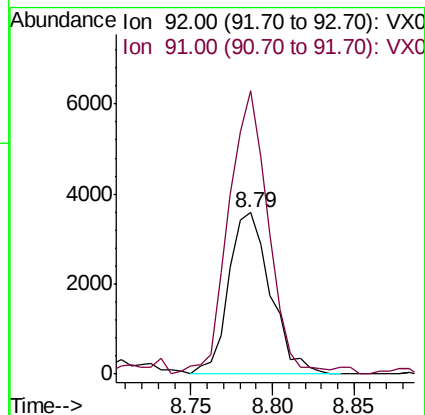
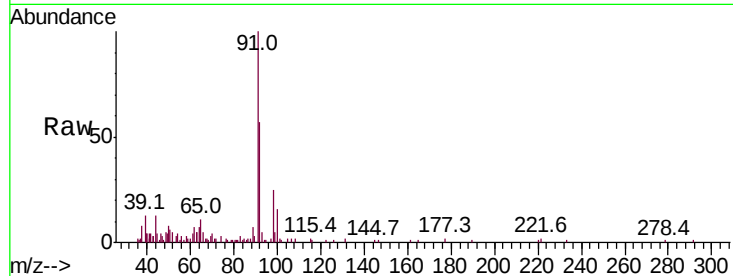
S49-0495

Tot Ion: 92 Resp: 6449

Ion Ratio Lower Upper

92 100

91 159.7 137.6 206.4



#62

4-Bromofluorobenzene

Concen: 47.367 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006696.D

Acq: 21 Dec 2018 01:07

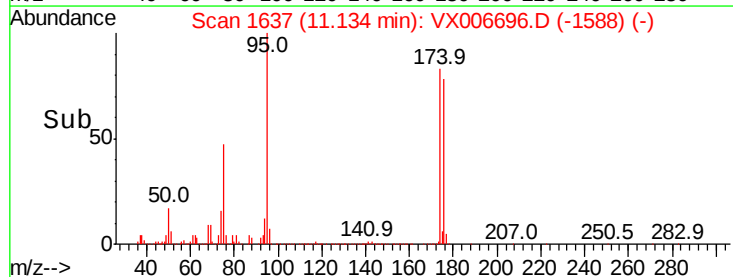
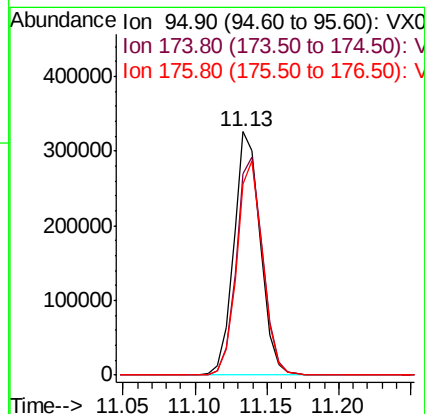
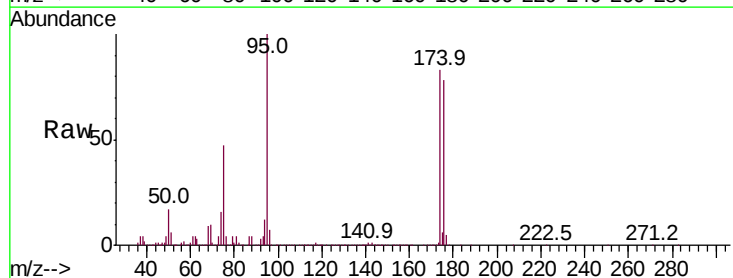
Tgt Ion: 95 Resp: 420224

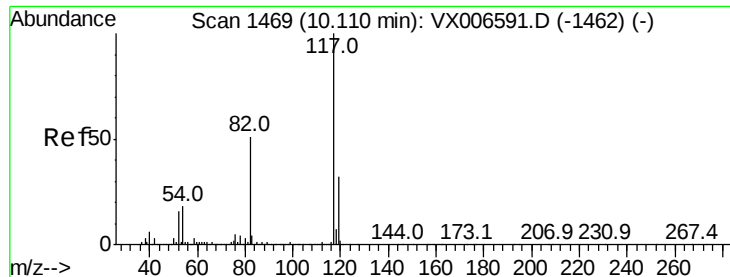
Ion Ratio Lower Upper

95 100

174 89.2 0.0 182.2

176 85.8 0.0 178.8

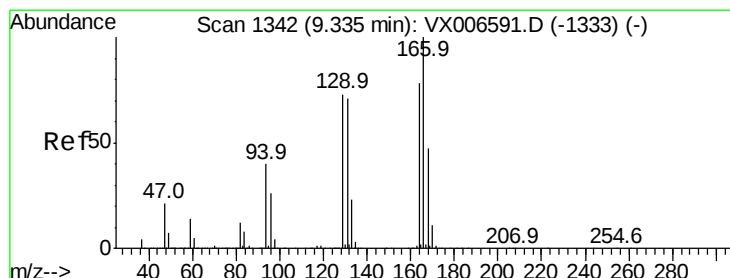
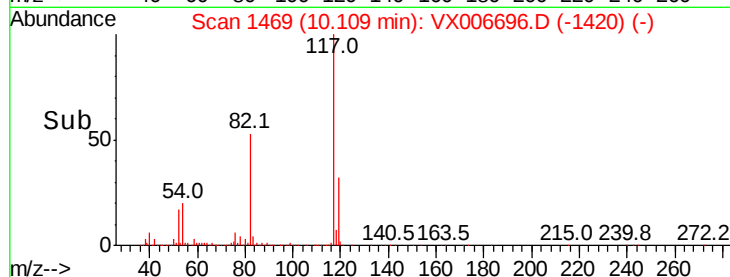
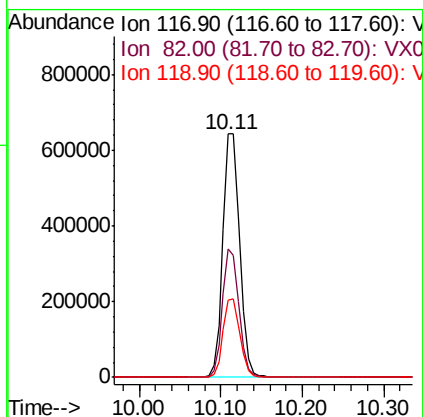
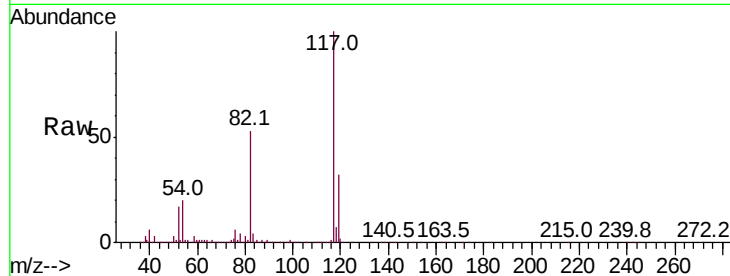




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX006696.D
Acq: 21 Dec 2018 01:07

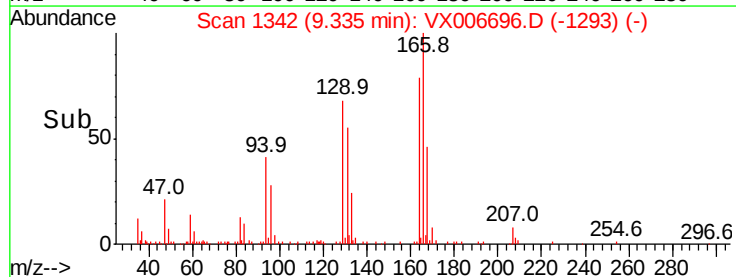
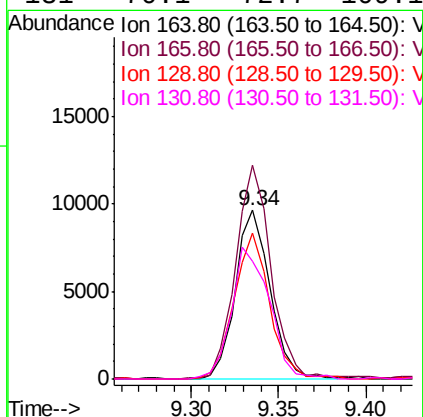
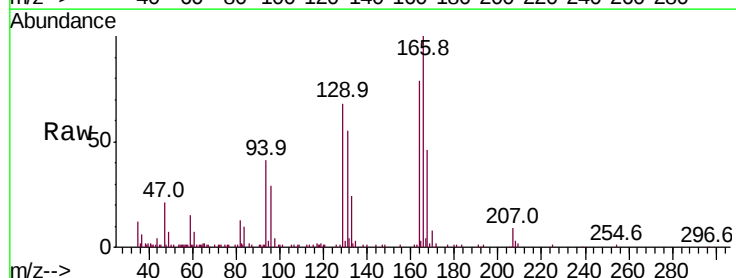
Instrument :
MSVOA_X
ClientSampleId :
S49-0495

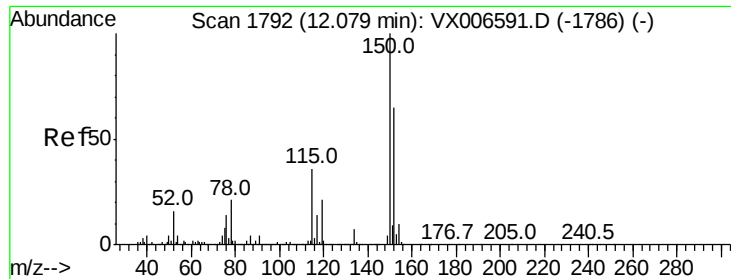
Tot Ion:117 Resp: 925047
Ion Ratio Lower Upper
117 100
82 52.9 41.0 61.6
119 31.6 25.4 38.0



#64
Tetrachloroethene
Concen: 1.826 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006696.D
Acq: 21 Dec 2018 01:07

Tgt Ion:164 Resp: 13373
Ion Ratio Lower Upper
164 100
166 125.8 102.5 153.7
129 85.6 75.1 112.7
131 70.1 72.7 109.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006696.D

Acq: 21 Dec 2018 01:07

Instrument :

MSVOA_X

ClientSampleId :

S49-0495

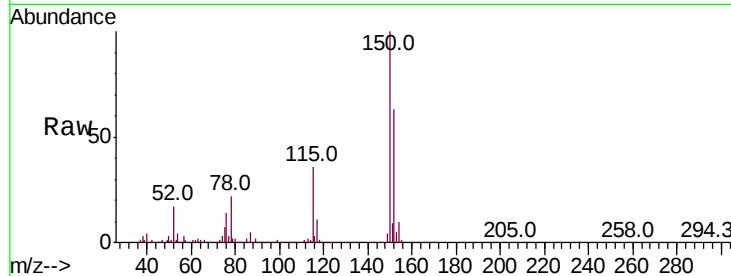
Tot Ion:152 Resp: 436722

Ion Ratio Lower Upper

152 100

115 56.0 39.1 117.2

150 155.9 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

