

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122218\
 Data File : VX006776.D
 Acq On : 22 Dec 2018 17:03
 Operator : JC/MD
 Sample : J6514-04DL2 100X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0499DL2

Quant Time: Dec 24 05:46:14 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

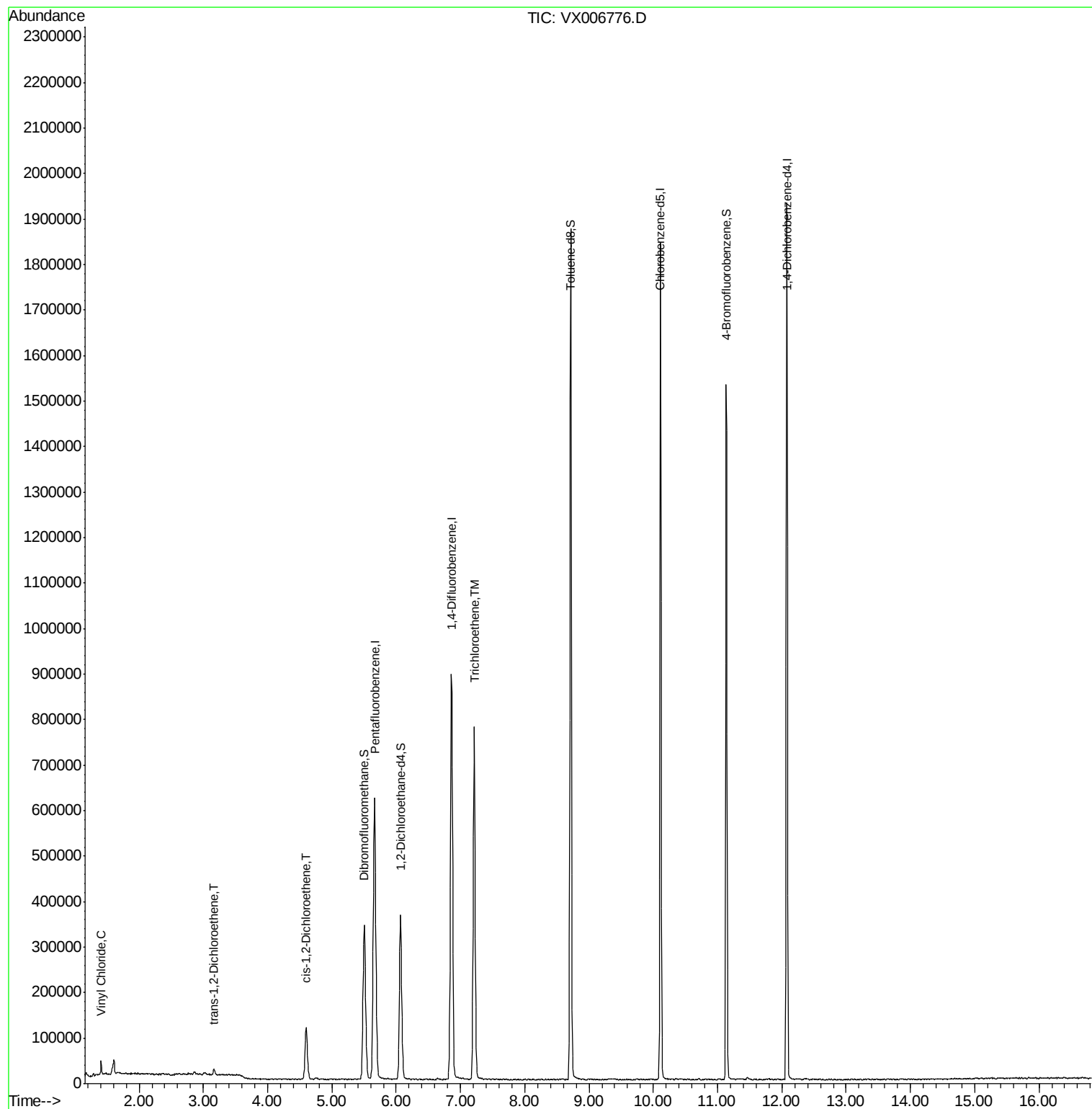
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	623403	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	977727	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	884587	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	413466	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	338311	50.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.70%	
35) Dibromofluoromethane	5.50	113	290438	46.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.94%	
50) Toluene-d8	8.71	98	1146943	49.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.40%	
62) 4-Bromofluorobenzene	11.13	95	404262	47.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.70%	
Target Compounds						
4) Vinyl Chloride	1.41	62	17460	2.721	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	5994	0.971	ug/l	85
27) cis-1,2-Dichloroethene	4.60	96	76995	11.308	ug/l	91
44) Trichloroethene	7.21	130	304734	40.903	ug/l	98

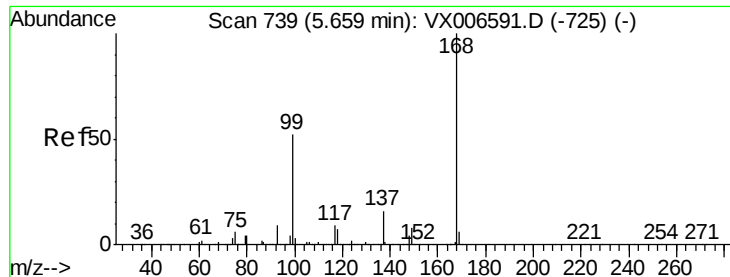
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX006776.D

Acq: 22 Dec 2018 17:03

Instrument :

MSVOA_X

ClientSampleId :

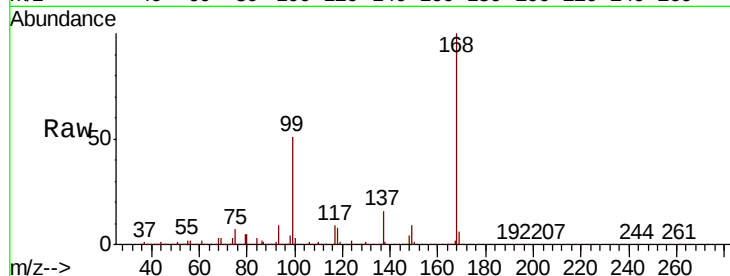
S49-0499DL2

Tot Ion:168 Resp: 623403

Ion Ratio Lower Upper

168 100

99 51.4 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

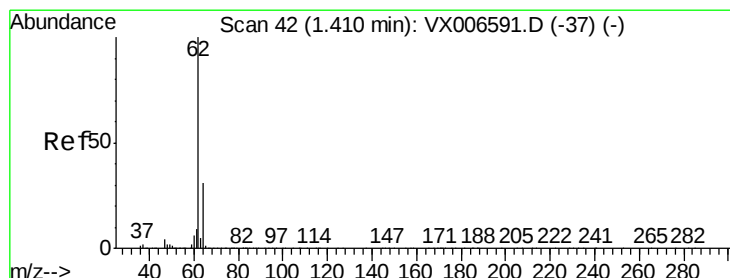
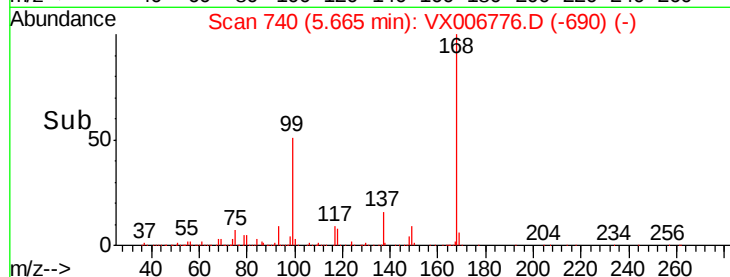
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 2.721 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006776.D

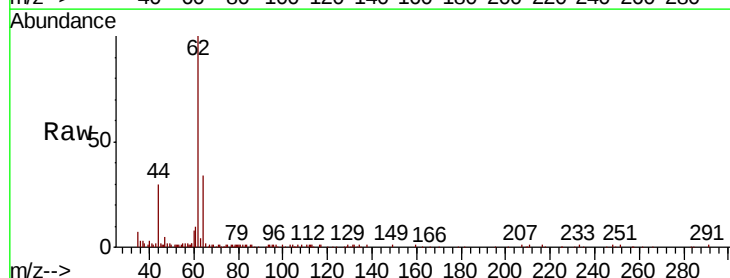
Acq: 22 Dec 2018 17:03

Tgt Ion: 62 Resp: 17460

Ion Ratio Lower Upper

62 100

64 33.2 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

20000

15000

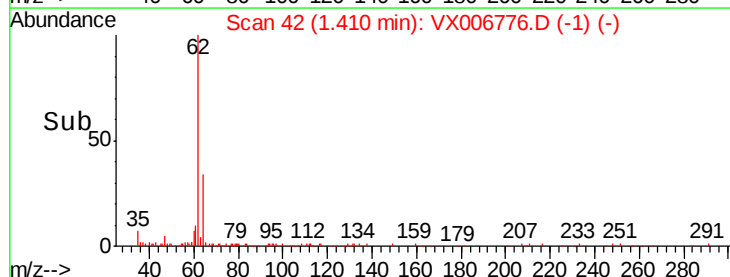
10000

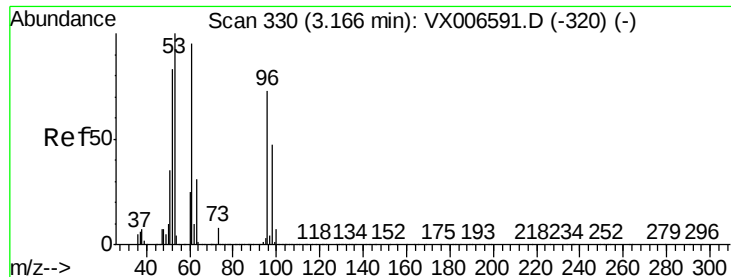
5000

0

Time-->

1.35 1.40 1.45





#21

trans-1,2-Dichloroethene

Concen: 0.971 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006776.D

Acq: 22 Dec 2018 17:03

Instrument :

MSVOA_X

ClientSampleId :

S49-0499DL2

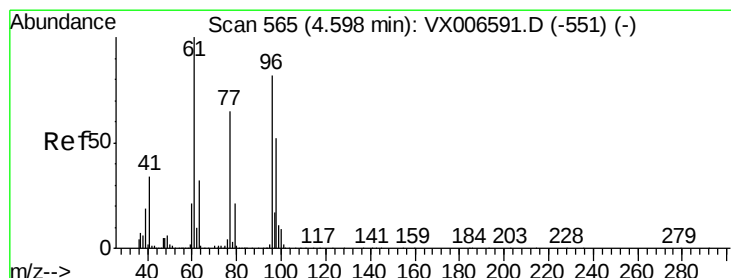
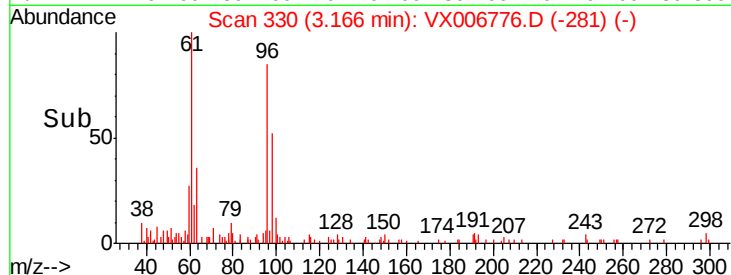
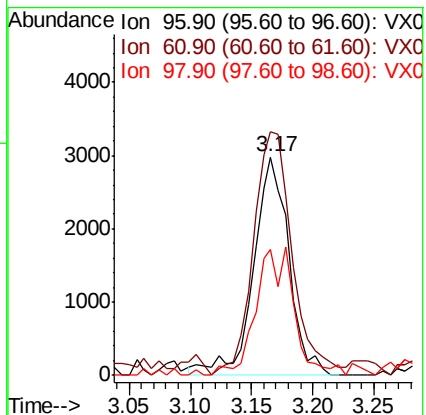
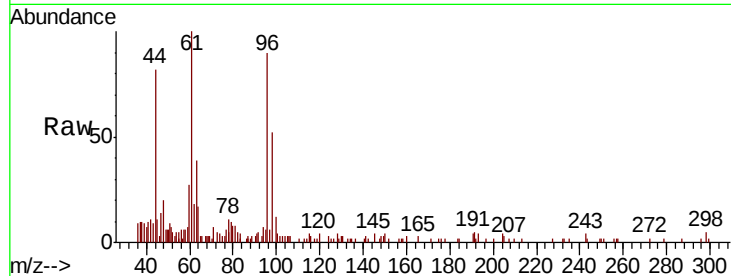
Tot Ion: 96 Resp: 5994

Ion Ratio Lower Upper

96 100

61 107.6 103.7 155.5

98 57.8 51.0 76.6



#27

cis-1,2-Dichloroethene

Concen: 11.308 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.00 min

Lab File: VX006776.D

Acq: 22 Dec 2018 17:03

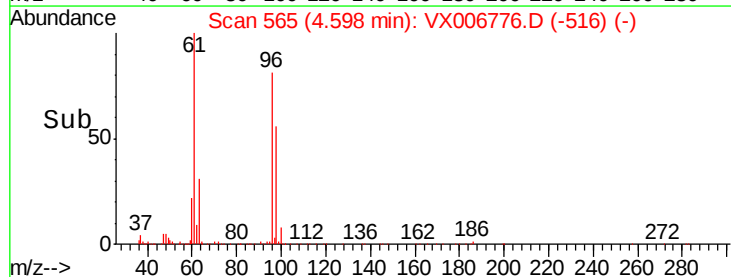
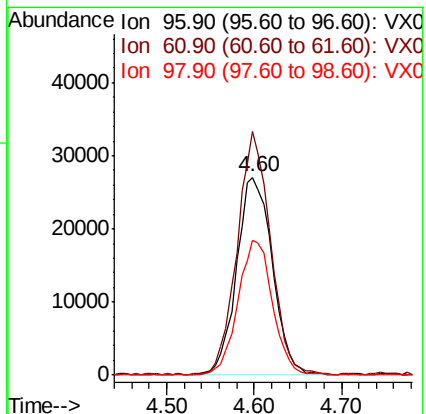
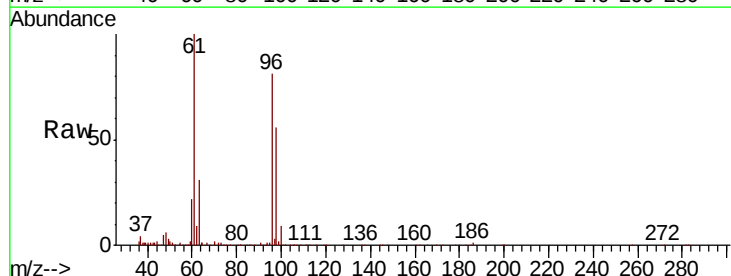
Tgt Ion: 96 Resp: 76995

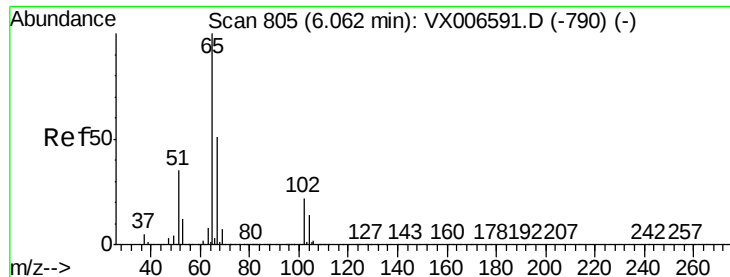
Ion Ratio Lower Upper

96 100

61 114.3 0.0 258.6

98 65.8 0.0 132.0





#33

1,2-Dichloroethane-d4

Concen: 50.353 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006776.D

Acq: 22 Dec 2018 17:03

Instrument :

MSVOA_X

ClientSampled :

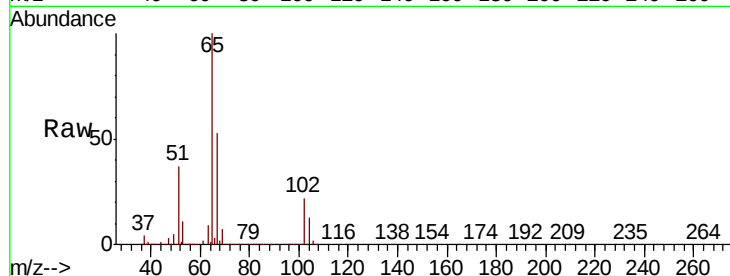
S49-0499DL2

Tot Ion: 65 Resp: 338311

Ion Ratio Lower Upper

65 100

67 53.0 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

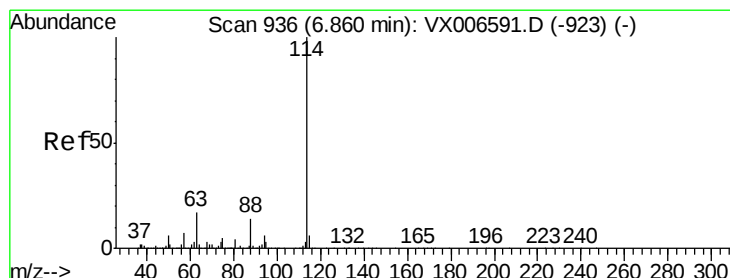
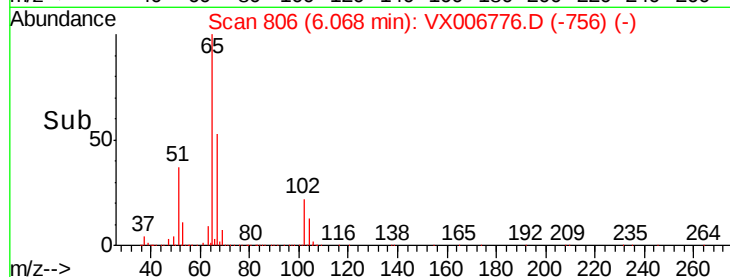
150000

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: VX006776.D

Acq: 22 Dec 2018 17:03

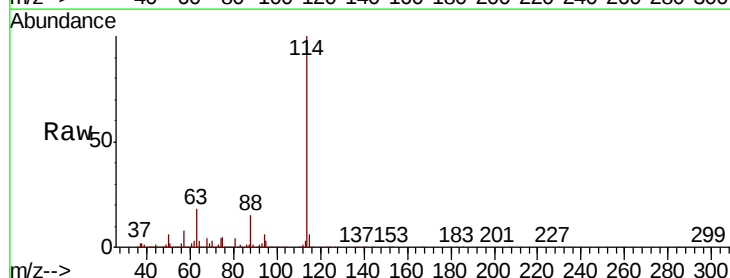
Tgt Ion: 114 Resp: 977727

Ion Ratio Lower Upper

114 100

63 17.8 0.0 34.8

88 15.4 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

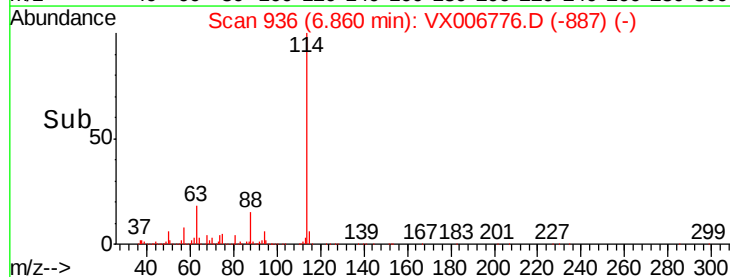
300000

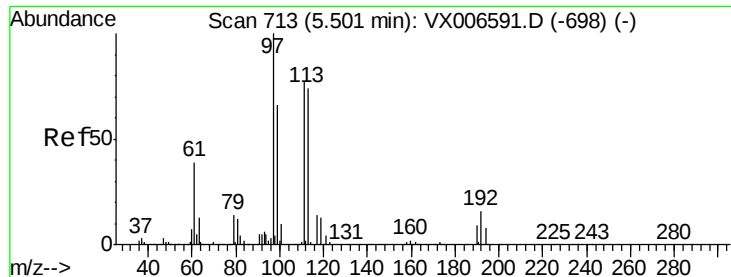
200000

100000

0

Time--> 6.70 6.80 6.90 7.00 7.10





#35

Dibromofluoromethane

Concen: 46.974 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006776.D

Acq: 22 Dec 2018 17:03

Instrument :

MSVOA_X

ClientSampled :

S49-0499DL2

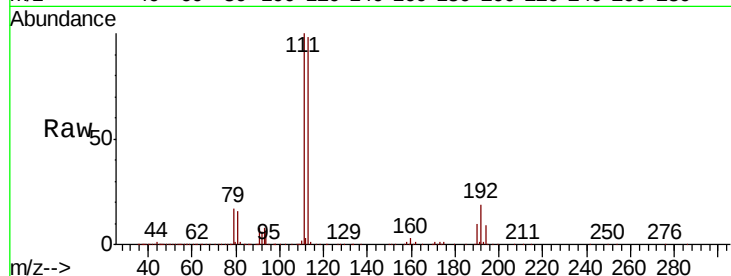
Tot Ion:113 Resp: 290438

Ion Ratio Lower Upper

113 100

111 102.4 81.6 122.4

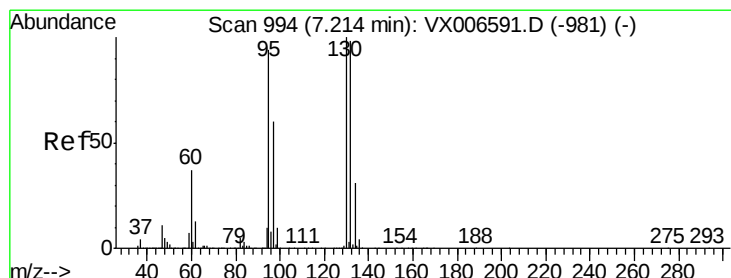
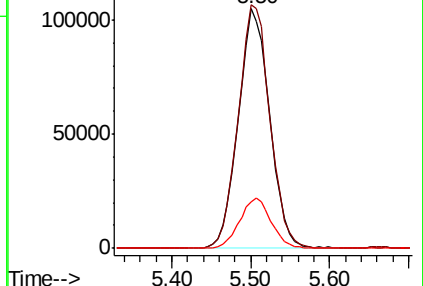
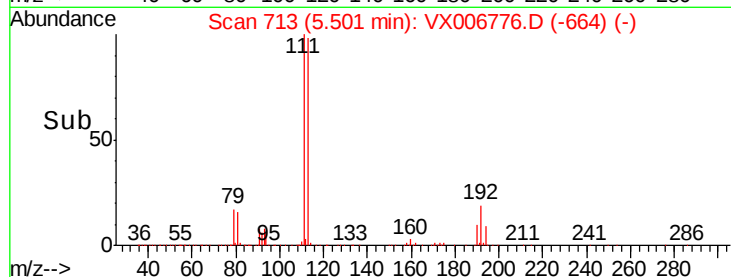
192 21.0 16.7 25.1



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: 40.903 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX006776.D

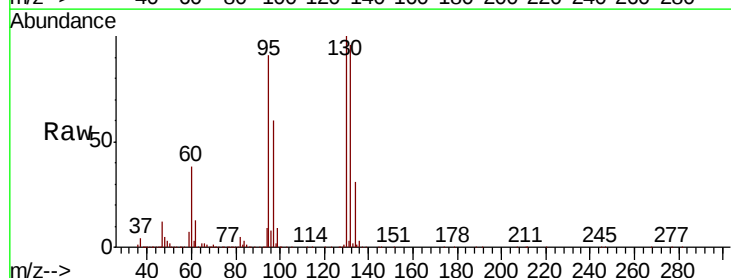
Acq: 22 Dec 2018 17:03

Tgt Ion:130 Resp: 304734

Ion Ratio Lower Upper

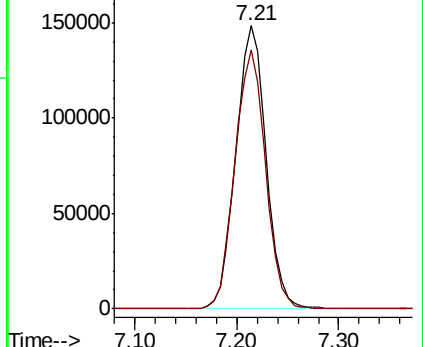
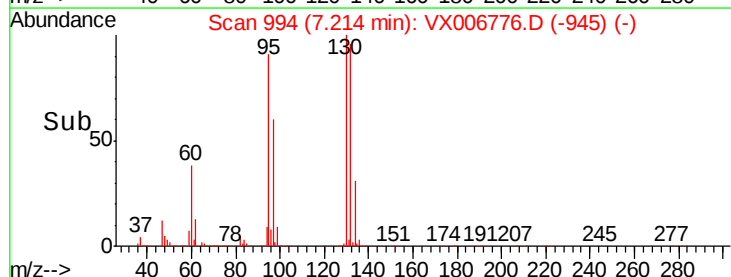
130 100

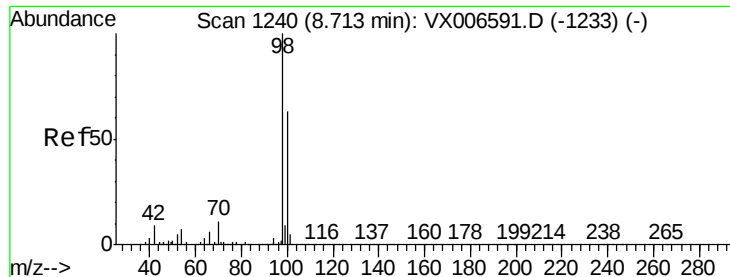
95 91.3 0.0 187.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 49.204 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006776.D

Acq: 22 Dec 2018 17:03

Instrument :

MSVOA_X

ClientSampleId :

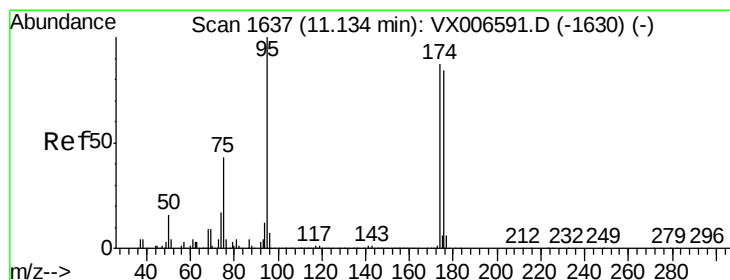
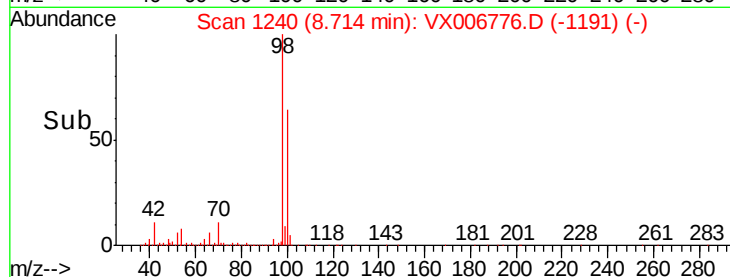
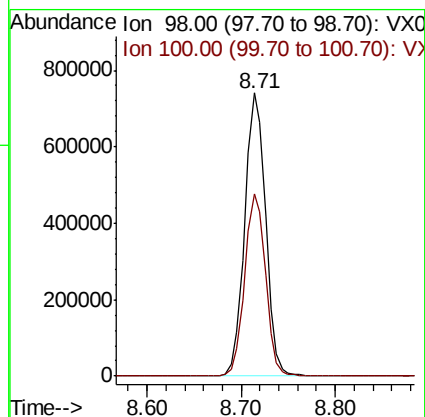
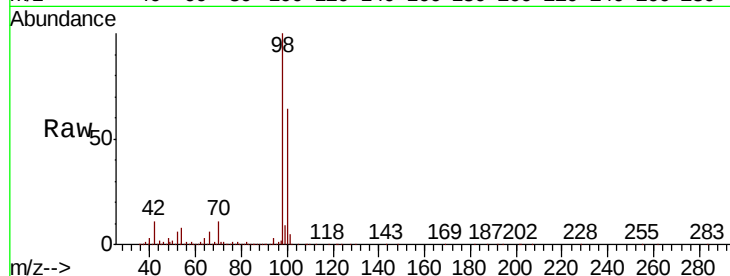
S49-0499DL2

Tot Ion: 98 Resp: 1146943

Ion Ratio Lower Upper

98 100

100 64.2 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 47.354 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX006776.D

Acq: 22 Dec 2018 17:03

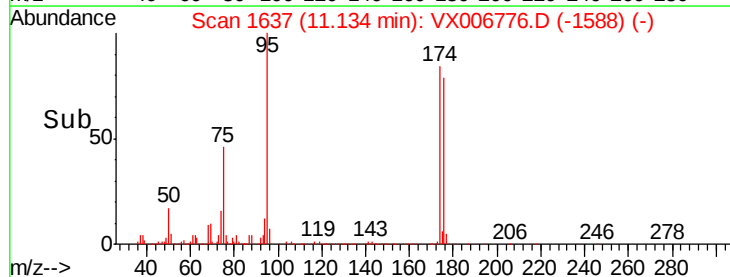
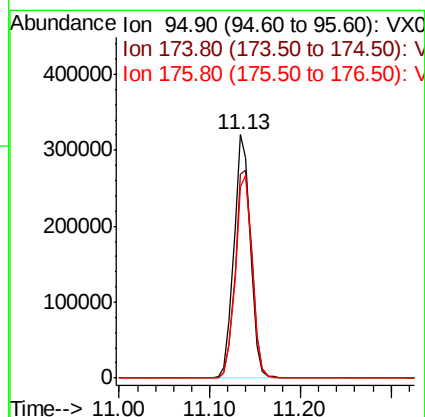
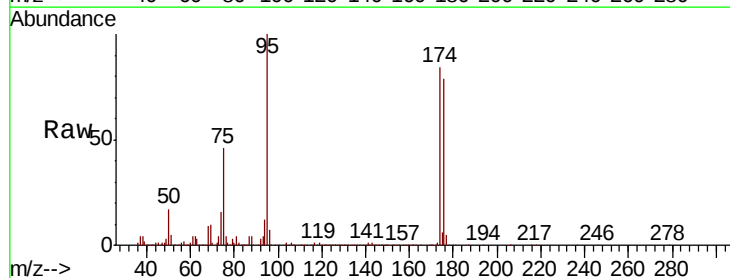
Tgt Ion: 95 Resp: 404262

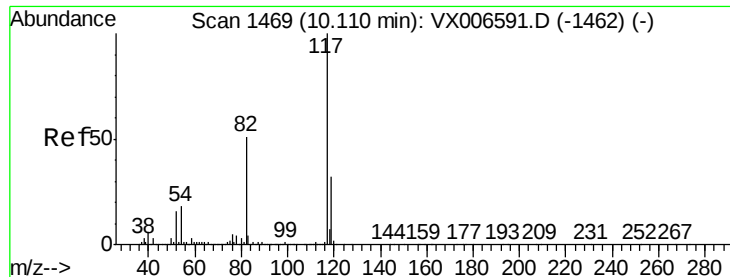
Ion Ratio Lower Upper

95 100

174 88.0 0.0 182.2

176 84.9 0.0 178.8

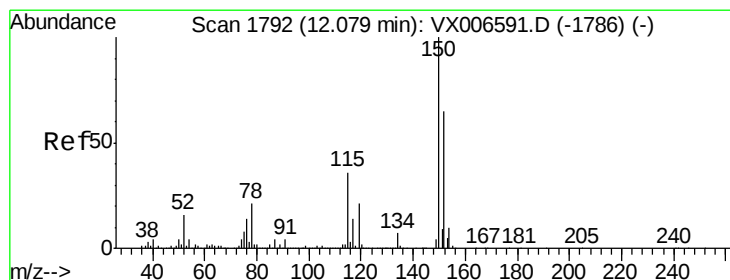
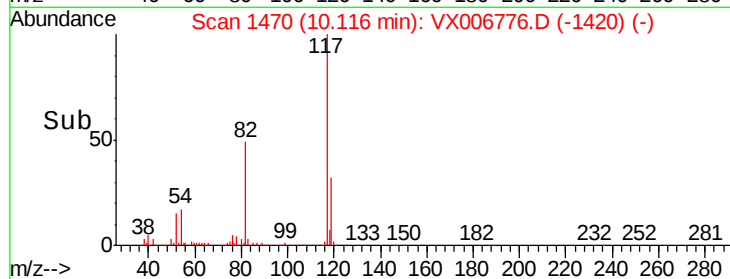
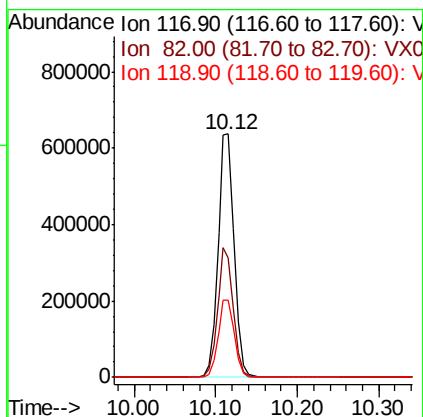
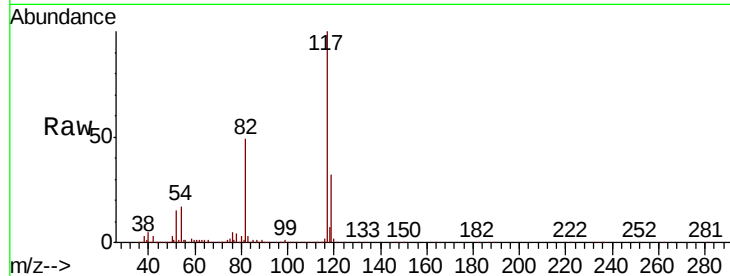




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006776.D
Acq: 22 Dec 2018 17:03

Instrument :
MSVOA_X
ClientSampled :
S49-0499DL2

Tot Ion:117 Resp: 884587
Ion Ratio Lower Upper
117 100
82 48.9 41.0 61.6
119 31.8 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: VX006776.D
Acq: 22 Dec 2018 17:03

Tgt Ion:152 Resp: 413466
Ion Ratio Lower Upper
152 100
115 55.9 39.1 117.2
150 157.7 0.0 344.8

