

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122018\
 Data File : VX006697.D
 Acq On : 21 Dec 2018 01:34
 Operator : JC/MD
 Sample : J6514-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0496

Quant Time: Dec 21 04:56:09 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

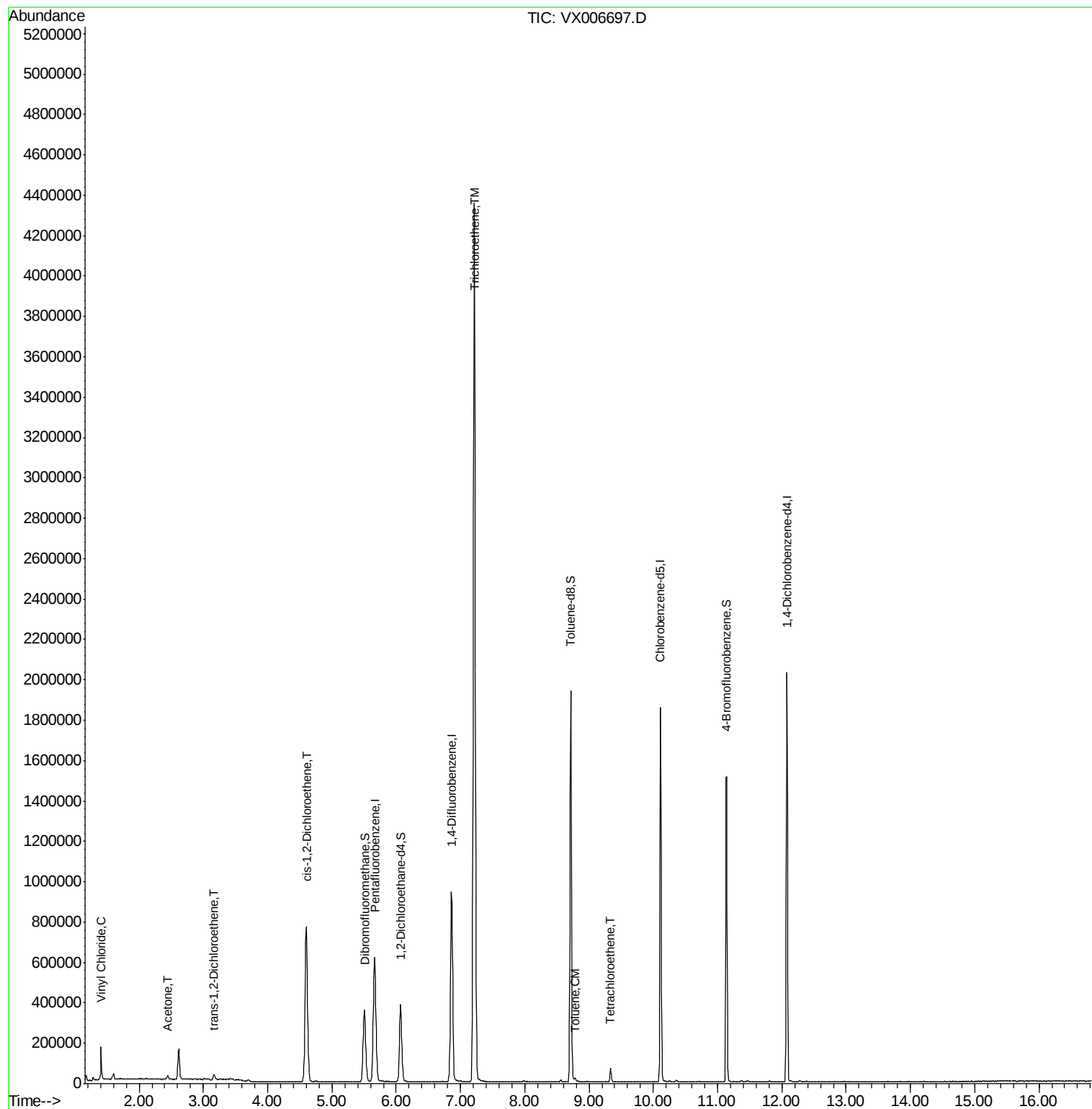
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	647504	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1016127	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	924337	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	419734	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	352012	50.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.88%	
35) Dibromofluoromethane	5.51	113	305779	47.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.18%	
50) Toluene-d8	8.71	98	1188995	49.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.16%	
62) 4-Bromofluorobenzene	11.13	95	418444	47.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.32%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.41	62	96751	14.516	ug/l	96
16) Acetone	2.45	43	21473	6.697	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	10337	1.613	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	524795	74.204	ug/l	92
44) Trichloroethene	7.21	130	1746219	225.531	ug/l	98
52) Toluene	8.78	92	5262	0.318	ug/l	98
64) Tetrachloroethene	9.34	164	13612	1.860	ug/l	93

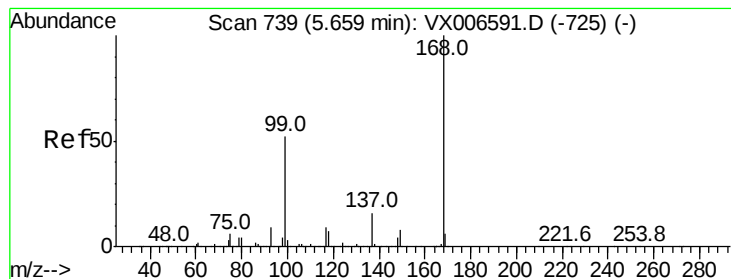
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.66 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006697.D

Acq: 21 Dec 2018 01:34

Instrument :

MSVOA_X

ClientSampleId :

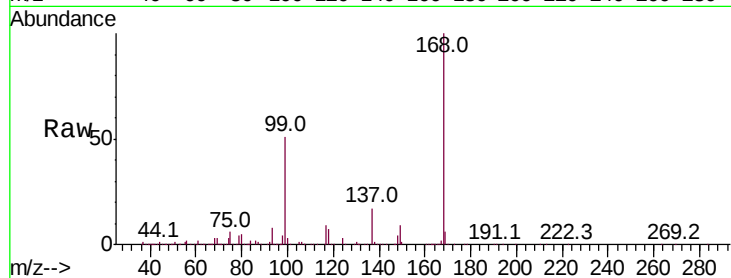
S49-0496

Tot Ion:168 Resp: 647504

Ion Ratio Lower Upper

168 100

99 50.5 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

250000

200000

150000

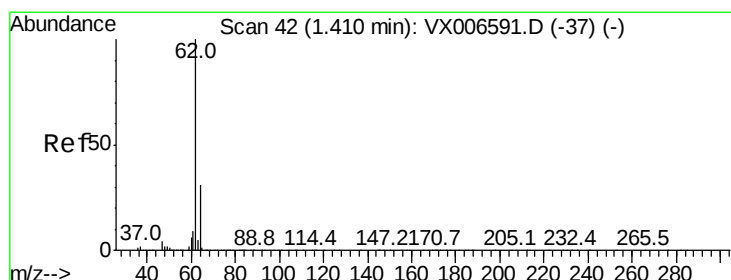
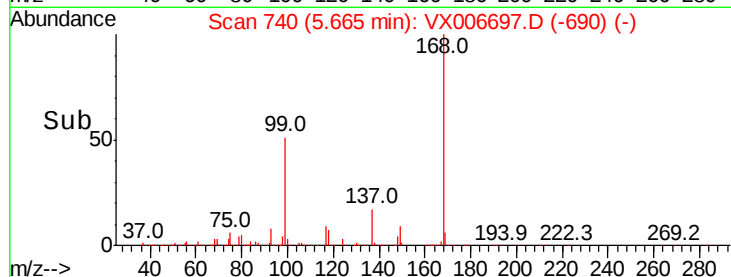
100000

50000

0

5.50 5.60 5.70 5.80 5.90

Time-->



#4

Vinyl Chloride

Concen: 14.516 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006697.D

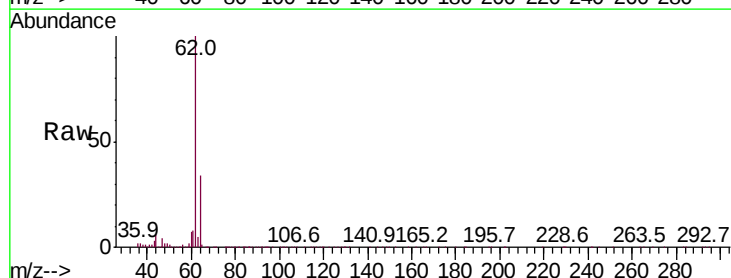
Acq: 21 Dec 2018 01:34

Tgt Ion: 62 Resp: 96751

Ion Ratio Lower Upper

62 100

64 33.8 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

100000

80000

60000

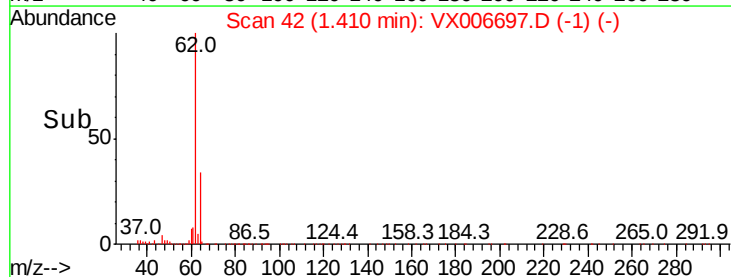
40000

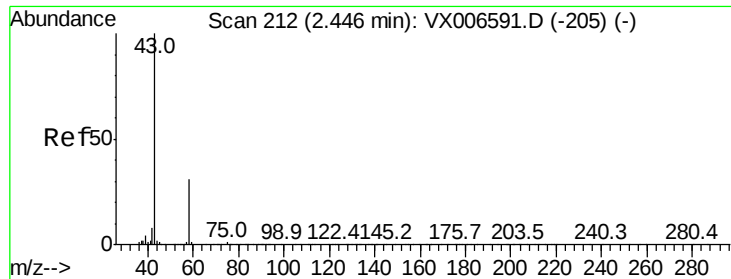
20000

0

1.35 1.40 1.45 1.50

Time-->

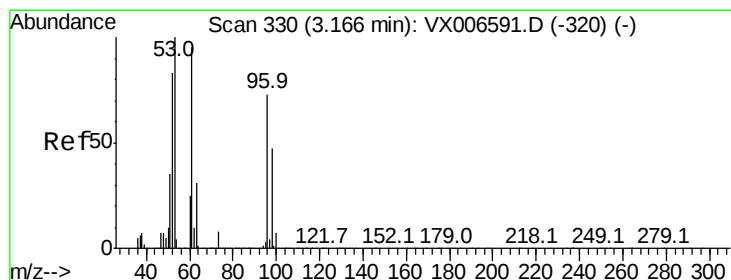
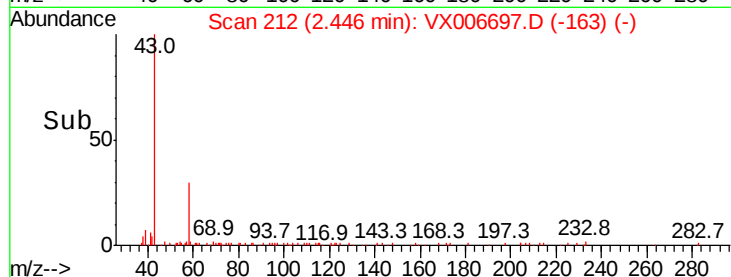
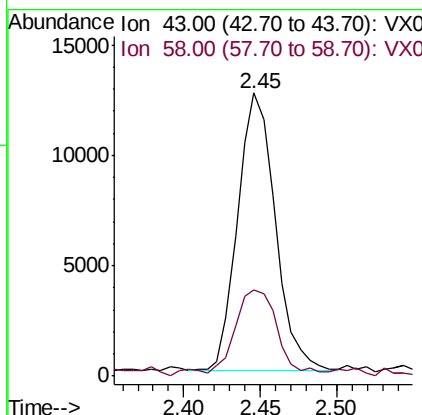
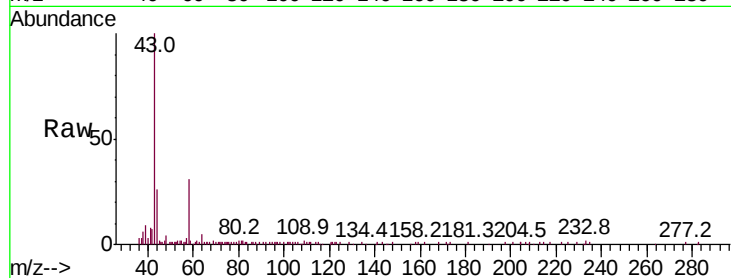




#16
Acetone
Concen: 6.697 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX006697.D
Acq: 21 Dec 2018 01:34

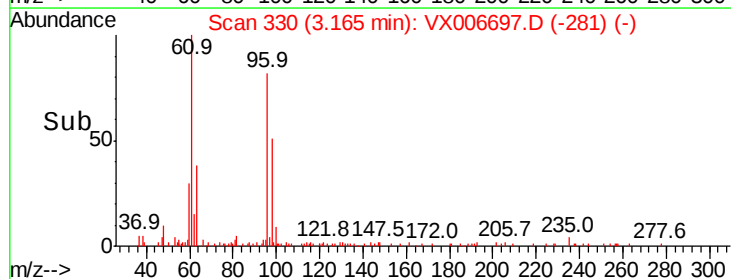
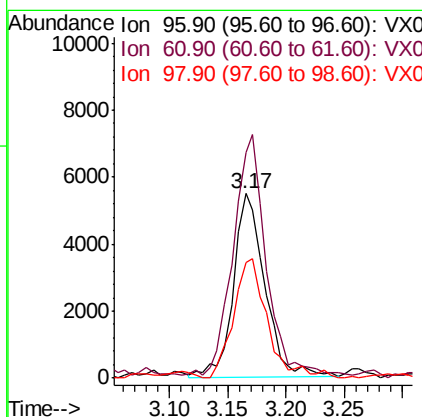
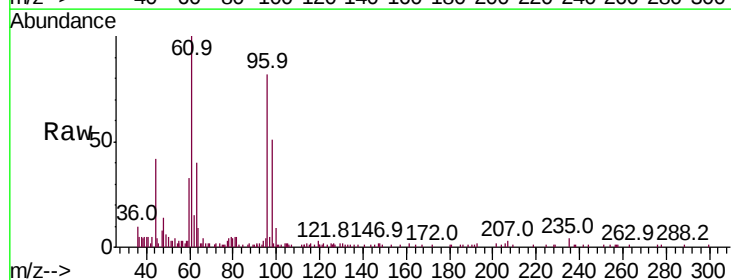
Instrument :
MSVOA_X
ClientSampled :
S49-0496

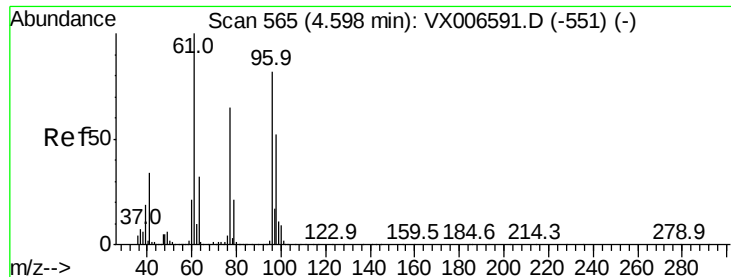
Tot Ion: 43 Resp: 21473
Ion Ratio Lower Upper
43 100
58 28.8 25.0 37.6



#21
trans-1,2-Dichloroethene
Concen: 1.613 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX006697.D
Acq: 21 Dec 2018 01:34

Tgt Ion: 96 Resp: 10337
Ion Ratio Lower Upper
96 100
61 120.9 103.7 155.5
98 63.6 51.0 76.6



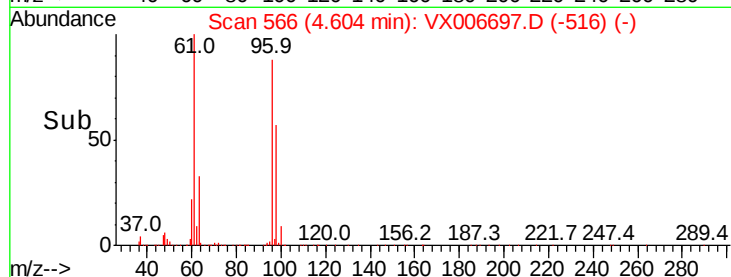
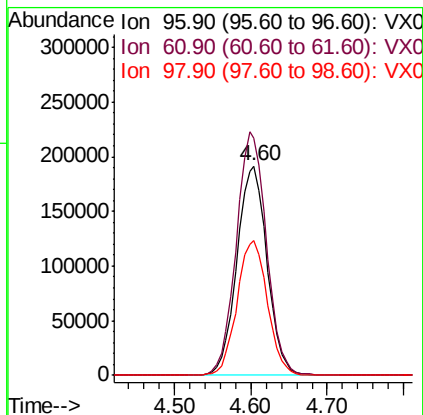
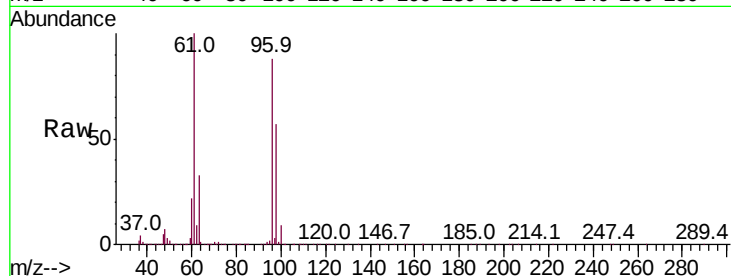


#27

cis-1,2-Dichloroethene
 Concen: 74.204 ug/l
 RT: 4.60 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: VX006697.D
 Acq: 21 Dec 2018 01:34

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0496

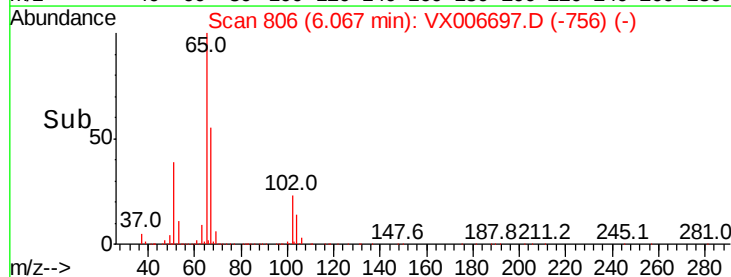
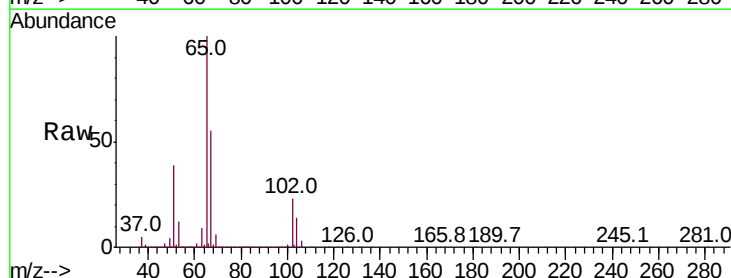
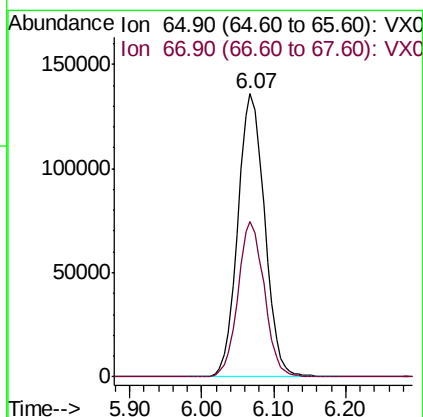
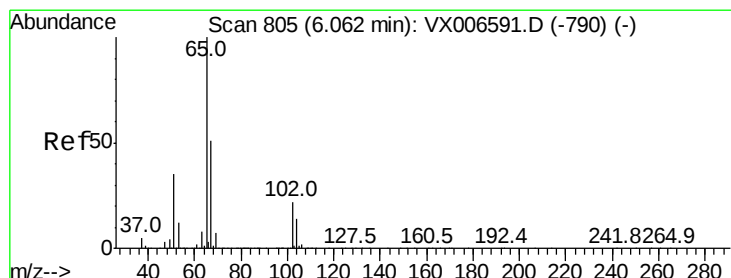
Tot Ion	Ratio	Lower	Upper
96	100		
61	116.0	0.0	258.6
98	64.9	0.0	132.0

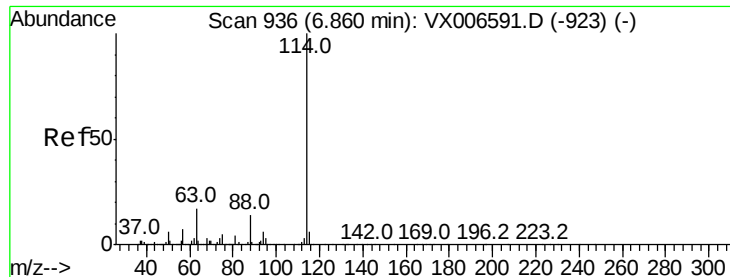


#33

1,2-Dichloroethane-d4
 Concen: 50.442 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: VX006697.D
 Acq: 21 Dec 2018 01:34

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.8	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: VX006697.D

Acq: 21 Dec 2018 01:34

Instrument :

MSVOA_X

ClientSampled :

S49-0496

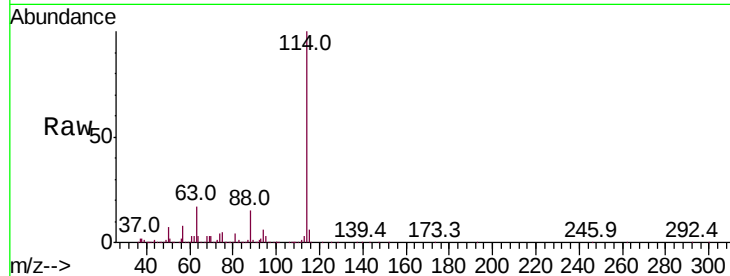
Tot Ion:114 Resp: 1016127

Ion Ratio Lower Upper

114 100

63 17.1 0.0 34.8

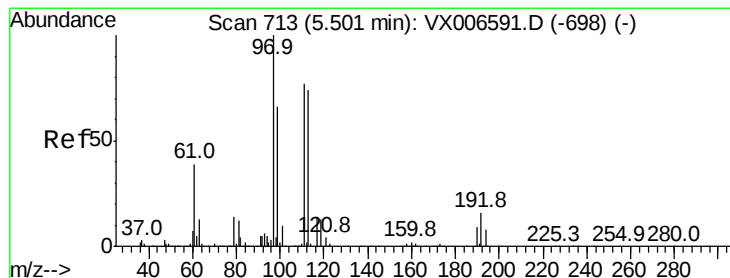
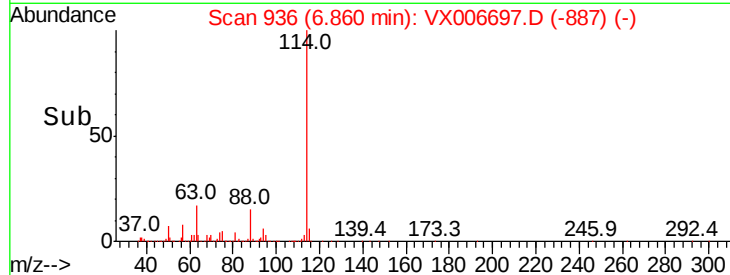
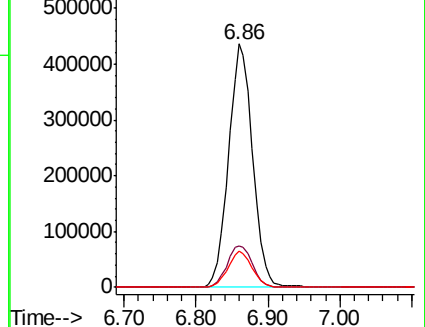
88 15.0 0.0 28.8



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: 47.586 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006697.D

Acq: 21 Dec 2018 01:34

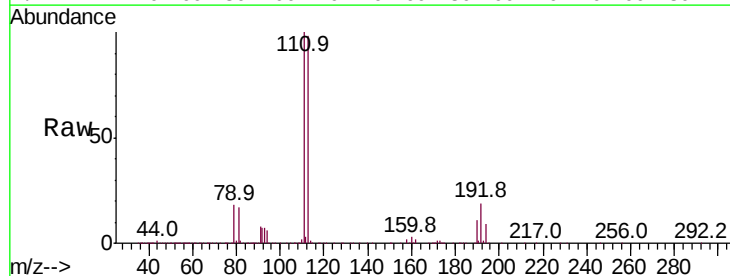
Tgt Ion:113 Resp: 305779

Ion Ratio Lower Upper

113 100

111 102.2 81.6 122.4

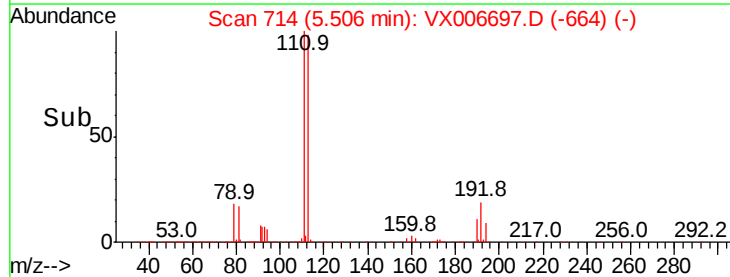
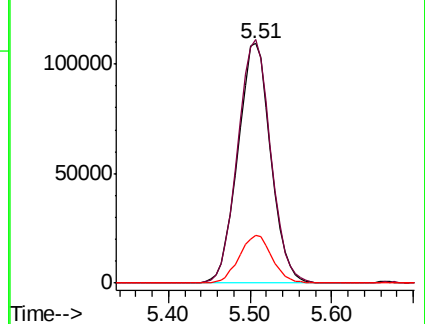
192 20.0 16.7 25.1

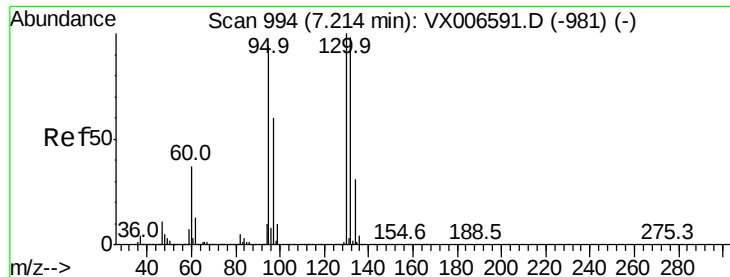


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 225.531 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX006697.D

Acq: 21 Dec 2018 01:34

Instrument :

MSVOA_X

ClientSampleId :

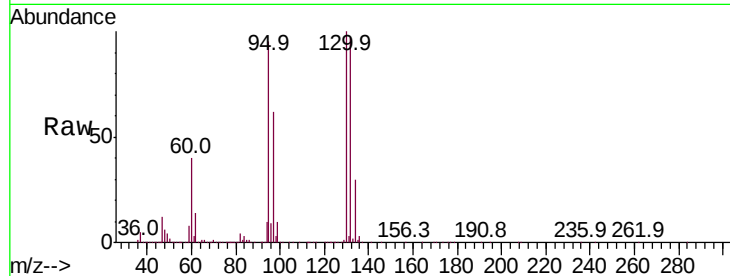
S49-0496

Tot Ion:130 Resp: 1746219

Ion Ratio Lower Upper

130 100

95 95.4 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

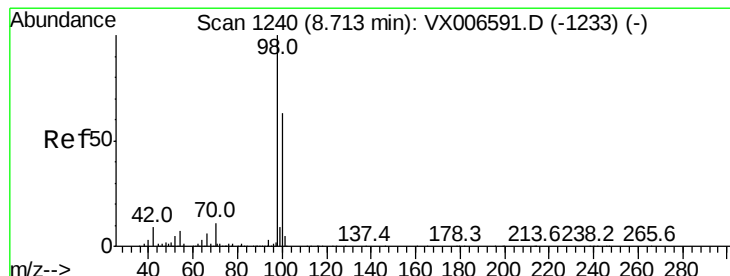
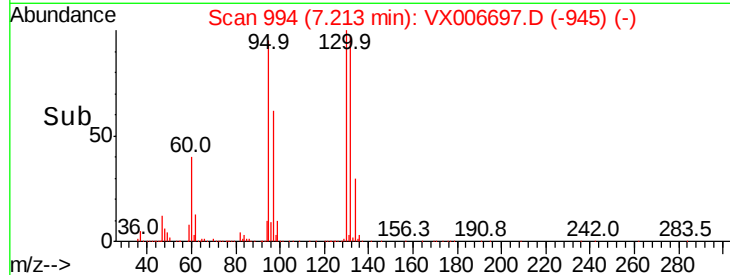
400000

200000

0

Time-->

7.10 7.20 7.30 7.40



#50

Toluene-d8

Concen: 49.080 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006697.D

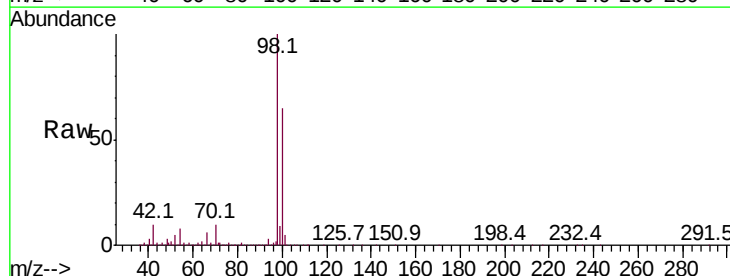
Acq: 21 Dec 2018 01:34

Tgt Ion: 98 Resp: 1188995

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

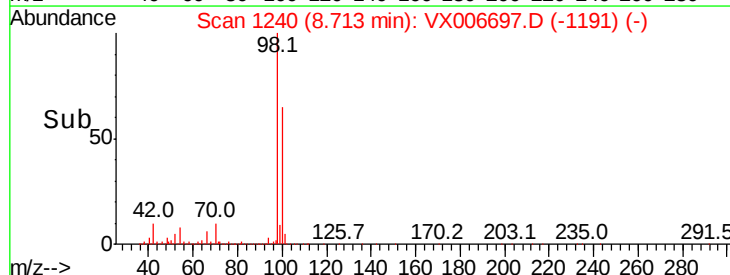
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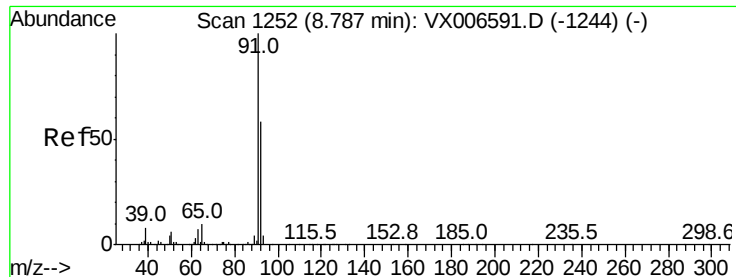
200000

0

Time-->

8.60 8.70 8.80





#52

Toluene

Concen: 0.318 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX006697.D

Acq: 21 Dec 2018 01:34

Instrument :

MSVOA_X

ClientSampleId :

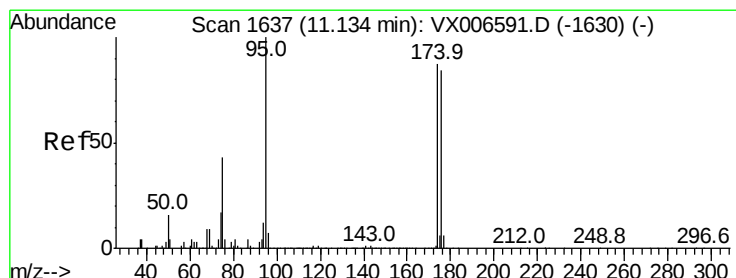
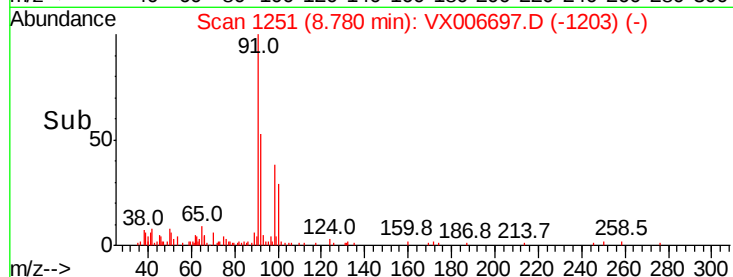
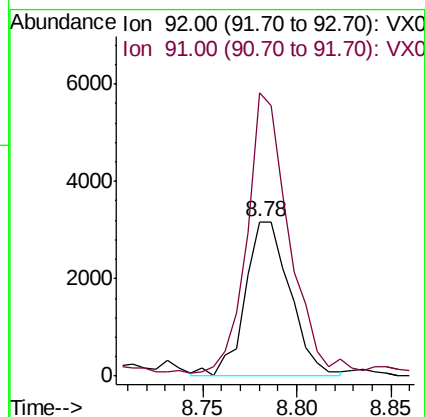
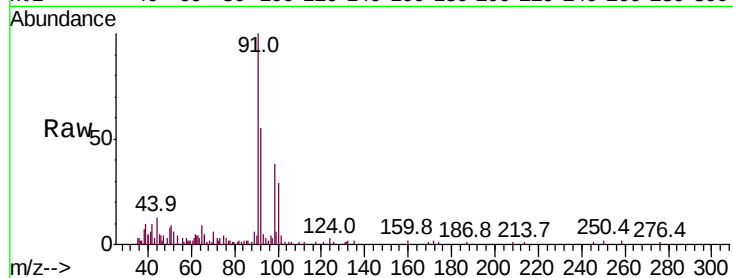
S49-0496

Tot Ion: 92 Resp: 5262

Ion Ratio Lower Upper

92 100

91 169.7 137.6 206.4



#62

4-Bromofluorobenzene

Concen: 47.163 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006697.D

Acq: 21 Dec 2018 01:34

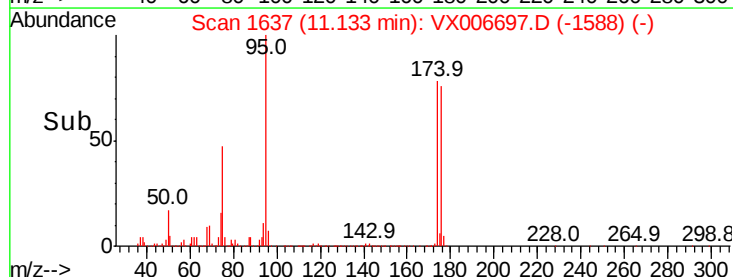
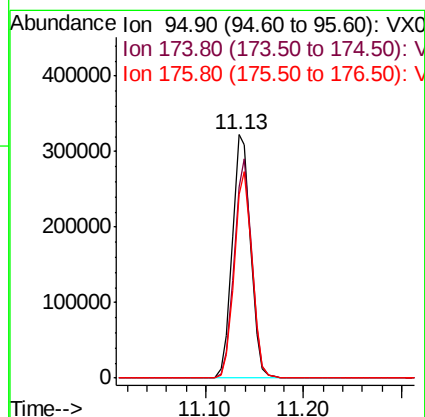
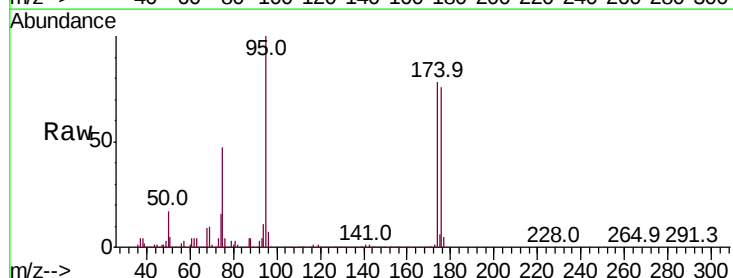
Tgt Ion: 95 Resp: 418444

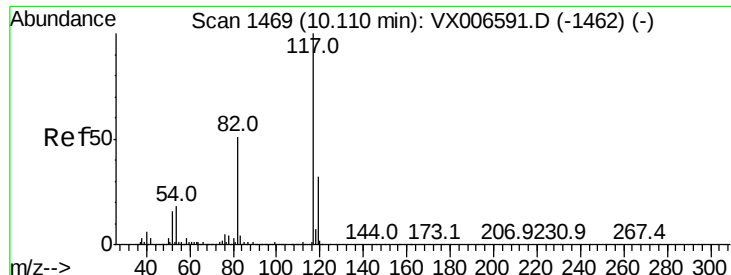
Ion Ratio Lower Upper

95 100

174 86.7 0.0 182.2

176 82.7 0.0 178.8

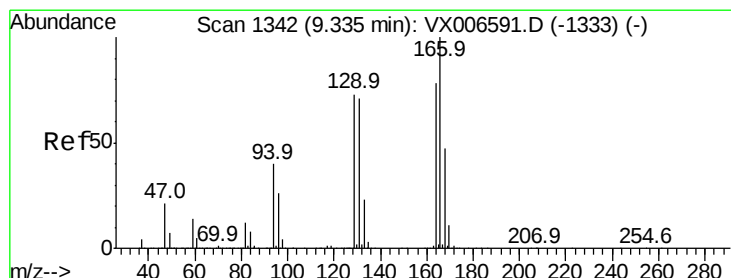
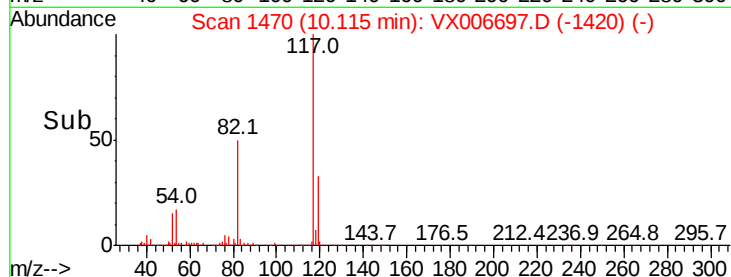
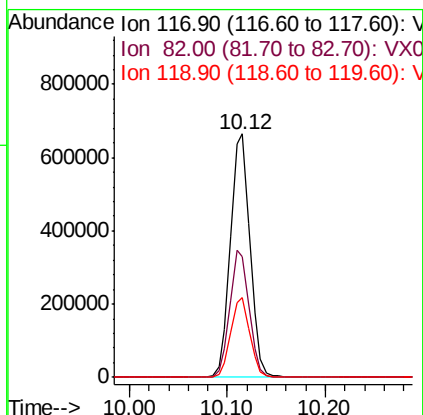
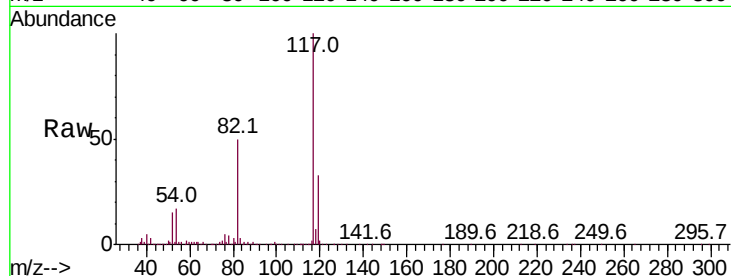




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006697.D
Acq: 21 Dec 2018 01:34

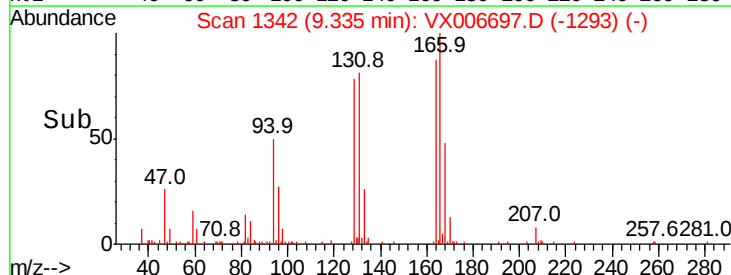
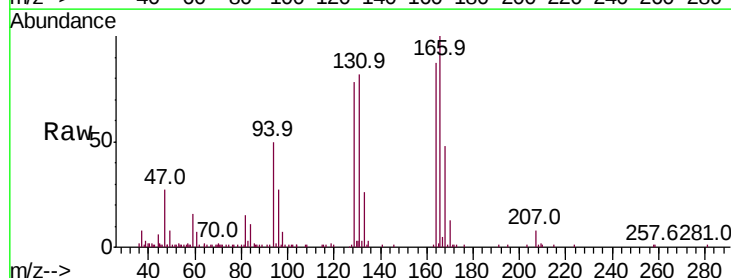
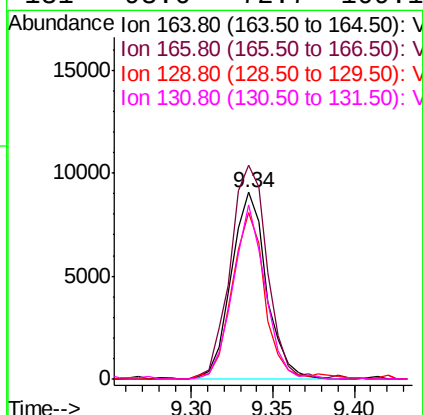
Instrument :
MSVOA_X
ClientSampled :
S49-0496

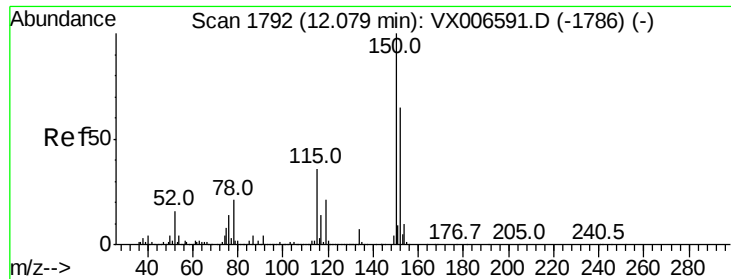
Tot Ion	Ratio	Lower	Upper
117	100		
82	49.8	41.0	61.6
119	32.7	25.4	38.0



#64
Tetrachloroethene
Concen: 1.860 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006697.D
Acq: 21 Dec 2018 01:34

Tgt Ion	Ratio	Lower	Upper
164	100		
166	114.6	102.5	153.7
129	89.1	75.1	112.7
131	93.6	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: VX006697.D

Acq: 21 Dec 2018 01:34

Instrument :

MSVOA_X

ClientSampleId :

S49-0496

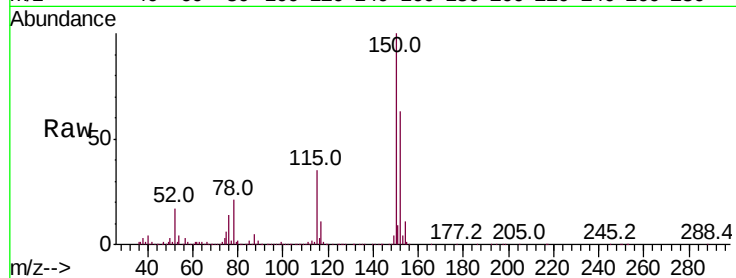
Tot Ion:152 Resp: 419734

Ion Ratio Lower Upper

152 100

115 56.6 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

