

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061818\
 Data File : VX002701.D
 Acq On : 19 Jun 2018 01:54
 Operator : JC/MD
 Sample : J3536-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 19 05:12:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	218812	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	307958	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	287342	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	161290	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	163435	49.15	ug/l	0.00
Spiked Amount			Recovery	=	98.30%	
35) Dibromofluoromethane	5.51	113	127317	51.80	ug/l	0.00
Spiked Amount			Recovery	=	103.60%	
50) Toluene-d8	8.72	98	485523	52.03	ug/l	0.00
Spiked Amount			Recovery	=	104.06%	
62) 4-Bromofluorobenzene	11.14	95	168442	47.63	ug/l	0.00
Spiked Amount			Recovery	=	95.26%	

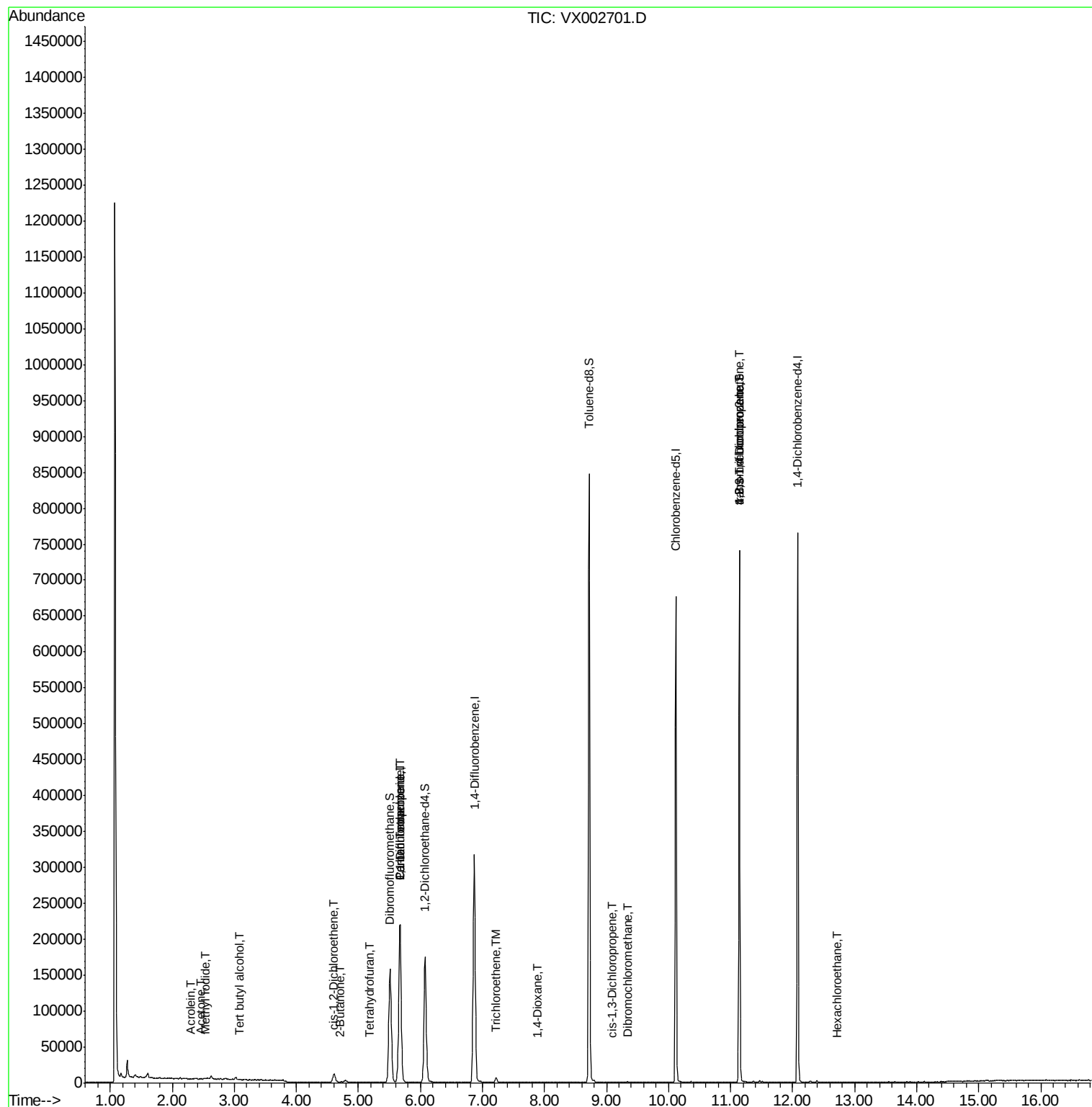
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.53	142	1258	5.50	ug/l	96
11) Tert butyl alcohol	3.08	59	354	0.51	ug/l #	1
13) Acrolein	2.29	56	105	7.18	ug/l #	1
16) Acetone	2.45	43	861	0.59	ug/l	96
25) 2-Butanone	4.71	43	561	0.29	ug/l #	52
27) cis-1,2-Dichloroethene	4.60	96	6241	2.31	ug/l	74
29) Tetrahydrofuran	5.18	42	475	0.38	ug/l #	40
36) 1,1-Dichloropropene	5.67	75	15301	4.68	ug/l #	41
38) Carbon Tetrachloride	5.67	117	19770	6.07	ug/l #	17
44) Trichloroethene	7.21	130	2775	0.98	ug/l	92
49) 1,4-Dioxane	7.88	88	23	0.39	ug/l #	1
54) cis-1,3-Dichloropropene	9.09	75	21	3.22	ug/l #	32
60) Dibromochloromethane	9.35	129	67	3.78	ug/l #	11
76) 1,2,3-Trichloropropane	11.14	75	90666	29.79	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.14	75	90666	91.53	ug/l #	6
90) Hexachloroethane	12.71	117	44	2.65	ug/l #	1

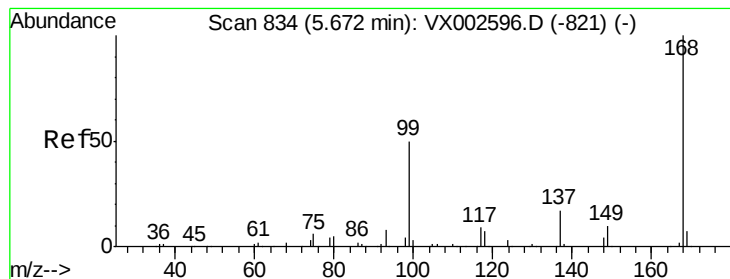
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061818\
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ClientSampleId :

Quant Time: Jun 19 05:12:21 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:37:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX002701.D

Acq: 19 Jun 2018 01:54

Instrument :

MSVOA_X

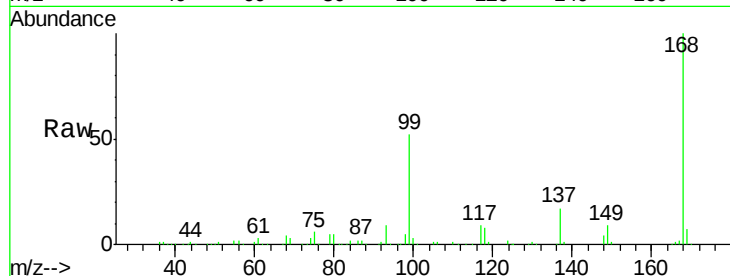
ClientSampleId :

Tot Ion:168 Resp: 218812

Ion Ratio Lower Upper

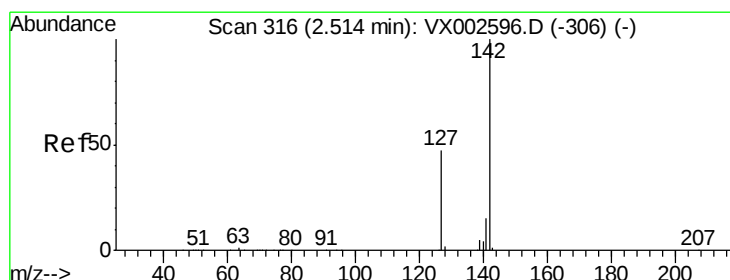
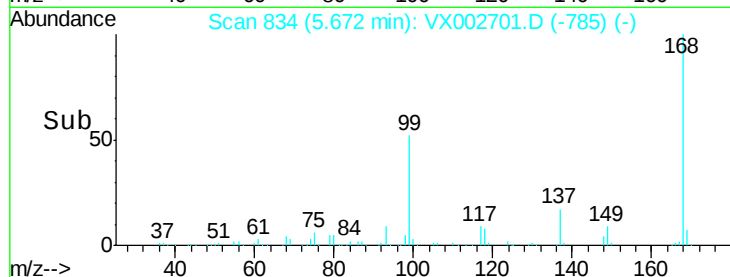
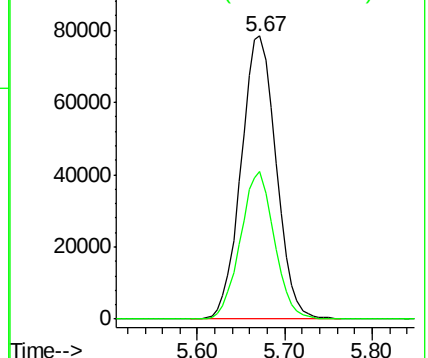
168 100

99 52.3 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#10

Methyl Iodide

Concen: 5.50 ug/l

RT: 2.53 min Scan# 319

Delta R.T. 0.02 min

Lab File: VX002701.D

Acq: 19 Jun 2018 01:54

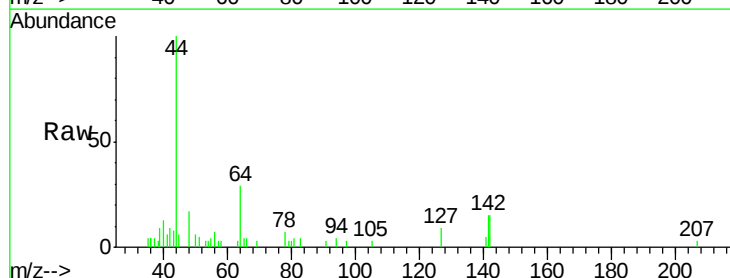
Tgt Ion:142 Resp: 1258

Ion Ratio Lower Upper

142 100

127 47.9 36.6 55.0

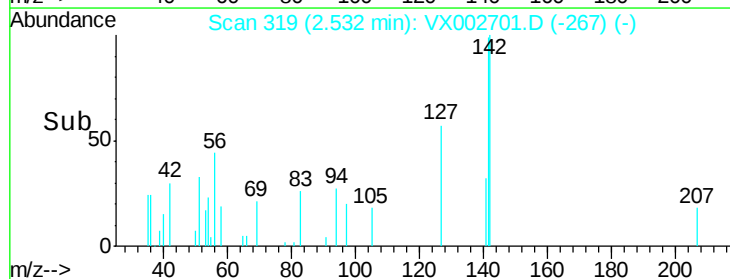
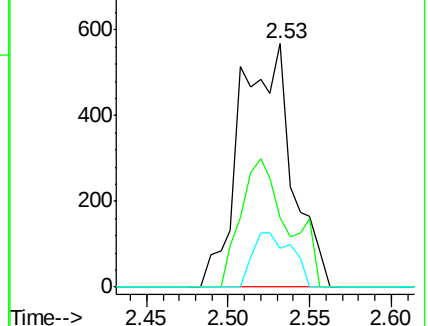
141 16.8 11.3 16.9

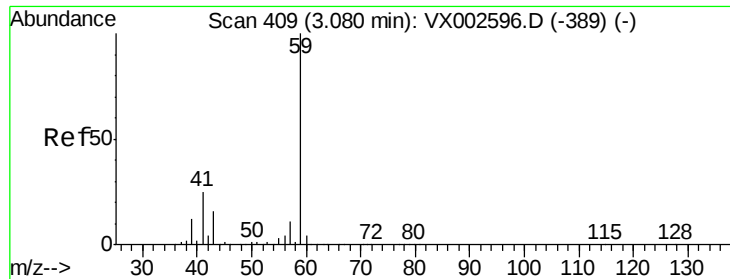


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

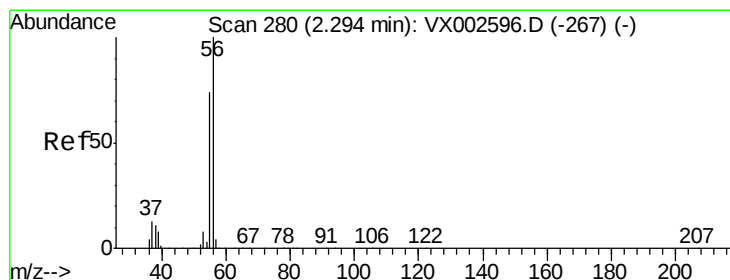
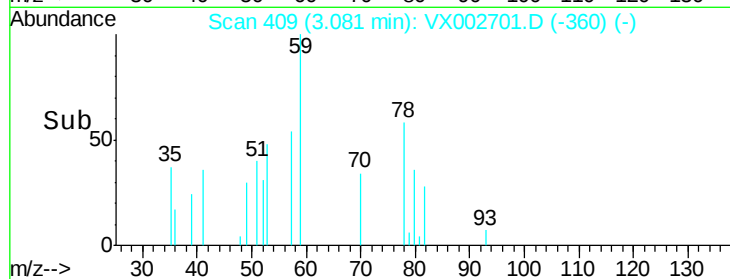
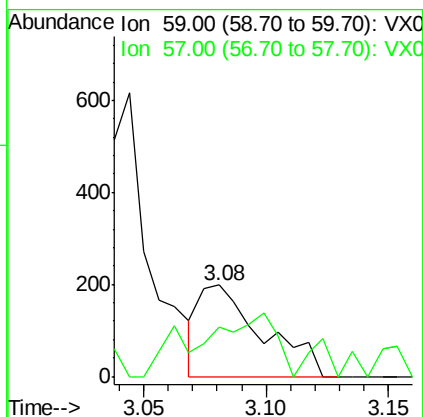
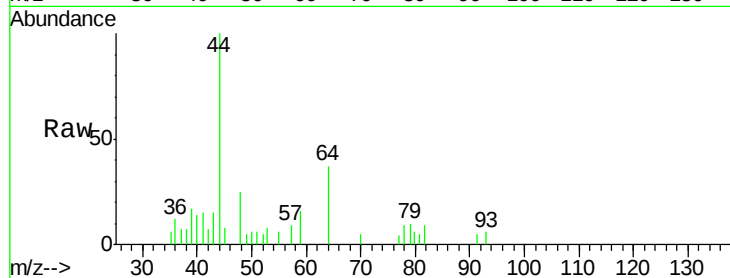




#11
Tert butyl alcohol
Concen: 0.51 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX002701.D
Acq: 19 Jun 2018 01:54

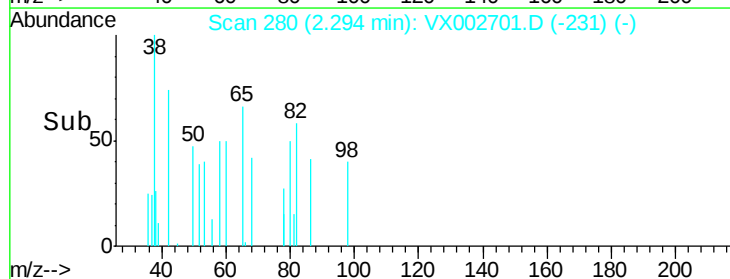
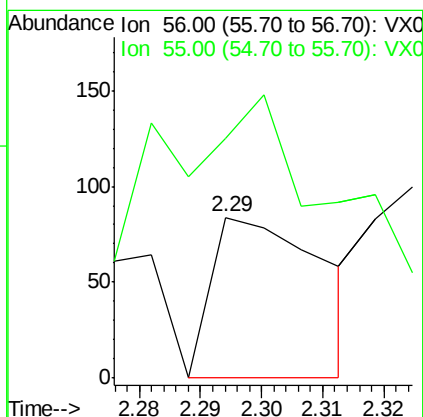
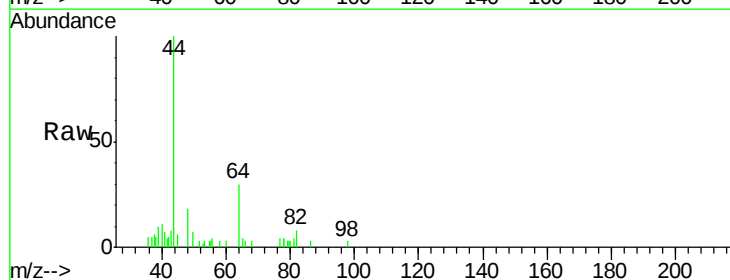
Instrument :
MSVOA_X
ClientSampleId :

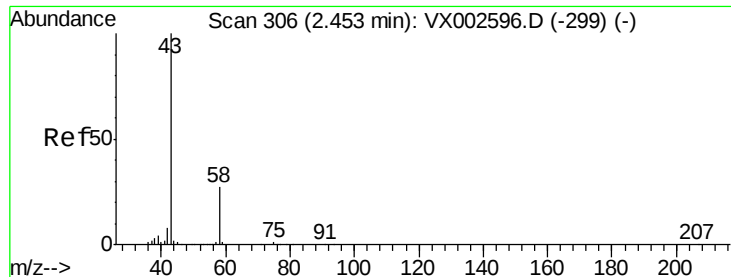
Tot Ion: 59 Resp: 354
Ion Ratio Lower Upper
59 100
57 63.6 8.2 12.2#



#13
Acrolein
Concen: 7.18 ug/l
RT: 2.29 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX002701.D
Acq: 19 Jun 2018 01:54

Tgt Ion: 56 Resp: 105
Ion Ratio Lower Upper
56 100
55 339.0 57.0 85.4#





#16

Acetone

Concen: 0.59 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX002701.D

Acq: 19 Jun 2018 01:54

Instrument :

MSVOA_X

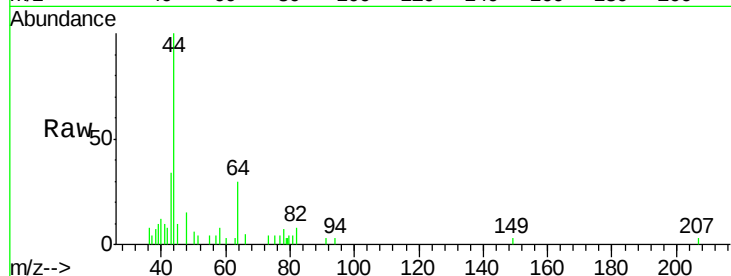
ClientSampleId :

Tot Ion: 43 Resp: 861

Ion Ratio Lower Upper

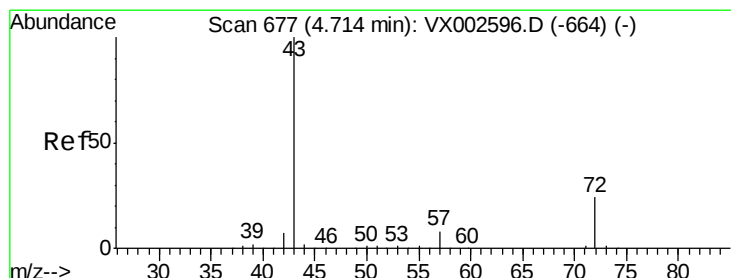
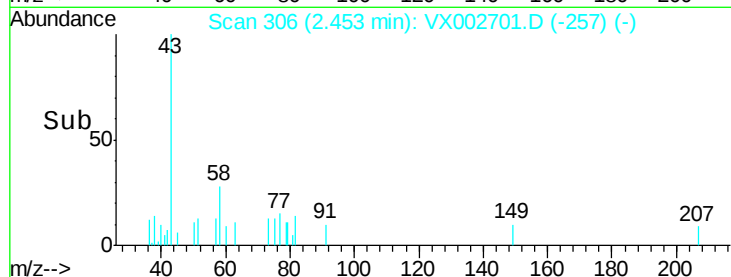
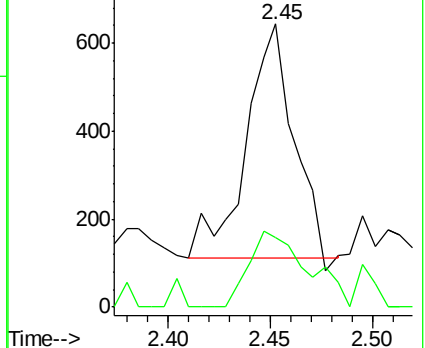
43 100

58 29.8 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#25

2-Butanone

Concen: 0.29 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002701.D

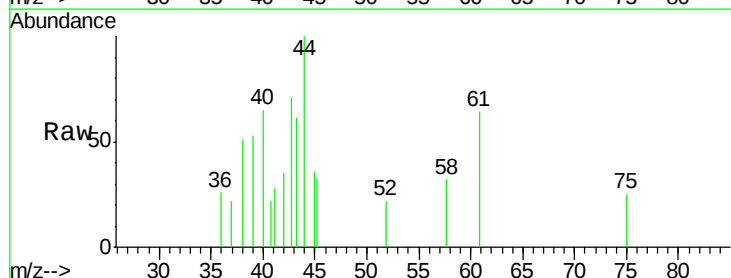
Acq: 19 Jun 2018 01:54

Tgt Ion: 43 Resp: 561

Ion Ratio Lower Upper

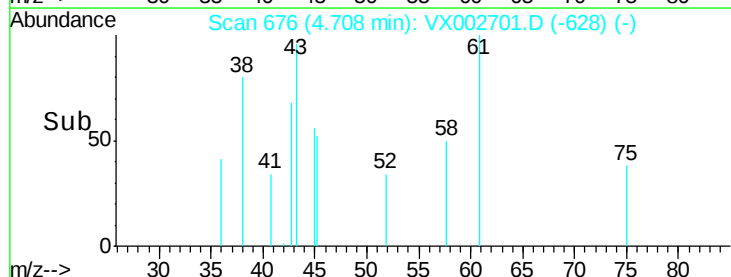
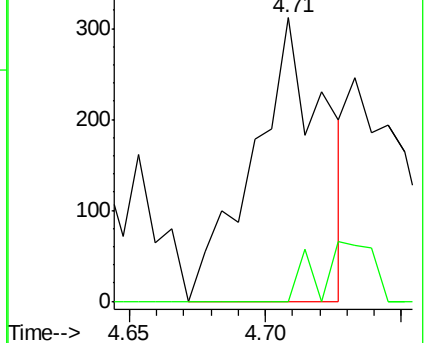
43 100

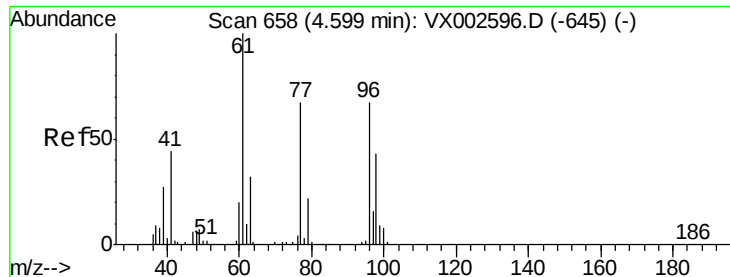
72 0.0 18.5 27.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



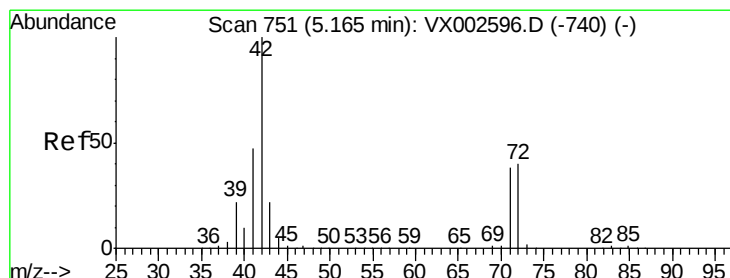
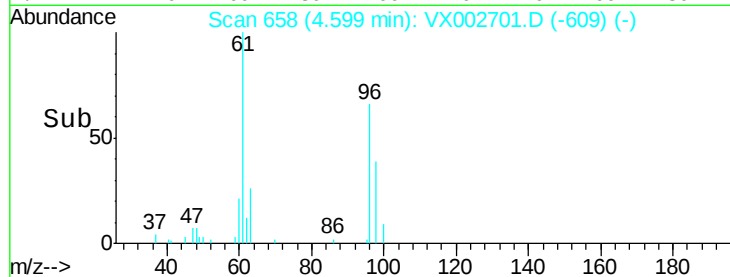
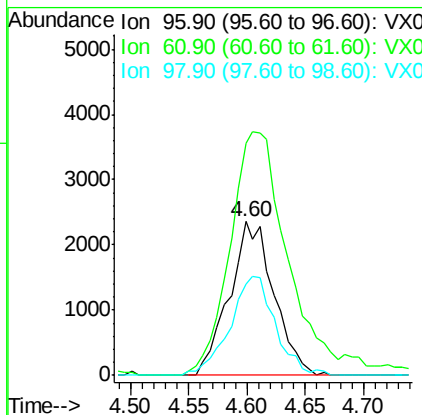
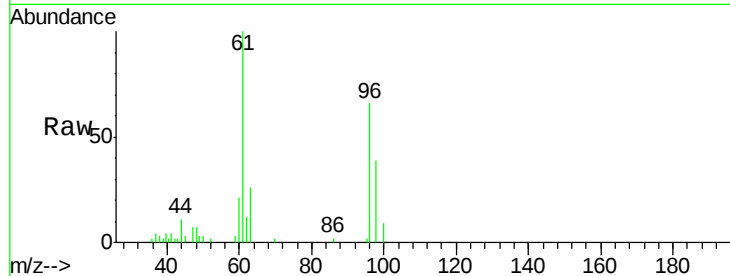


#27

cis-1,2-Dichloroethene
Concen: 2.31 ug/l
RT: 4.60 min Scan# 658
Delta R.T. 0.00 min
Lab File: VX002701.D
Acq: 19 Jun 2018 01:54

Instrument :
MSVOA_X
ClientSampleId :

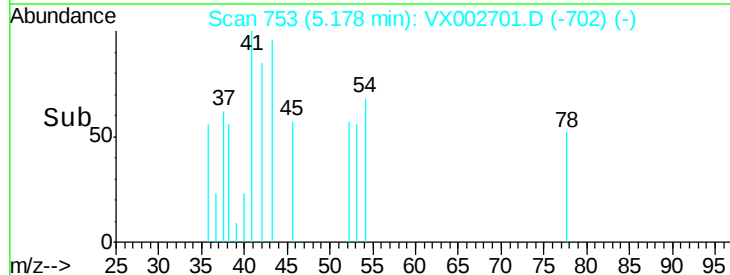
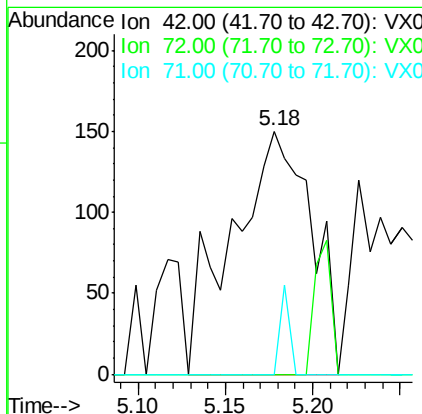
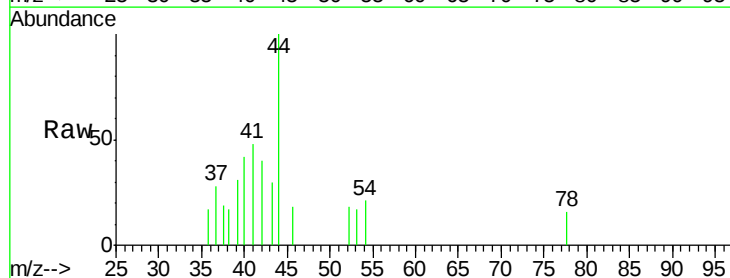
Tot Ion	Ratio	Lower	Upper
96	100		
61	213.2	0.0	330.2
98	65.9	0.0	130.2

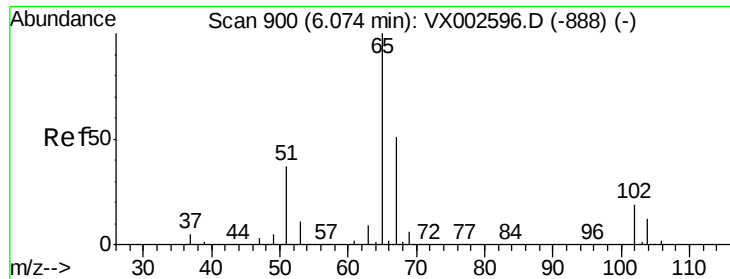


#29

Tetrahydrofuran
Concen: 0.38 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.01 min
Lab File: VX002701.D
Acq: 19 Jun 2018 01:54

Tgt Ion	Ratio	Lower	Upper
42	100		
72	0.0	32.0	48.0#
71	4.2	30.1	45.1#





#33

1,2-Dichloroethane-d4

Concen: 49.15 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002701.D

Acq: 19 Jun 2018 01:54

Instrument :

MSVOA_X

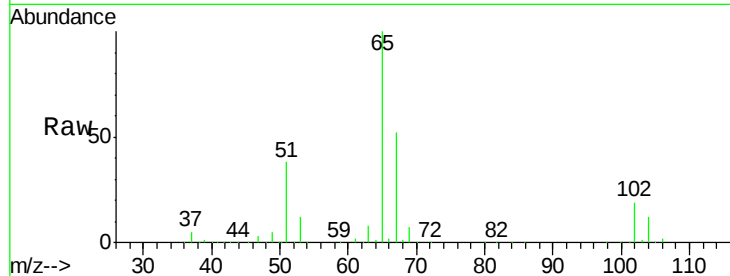
ClientSampleId :

Tot Ion: 65 Resp: 163435

Ion Ratio Lower Upper

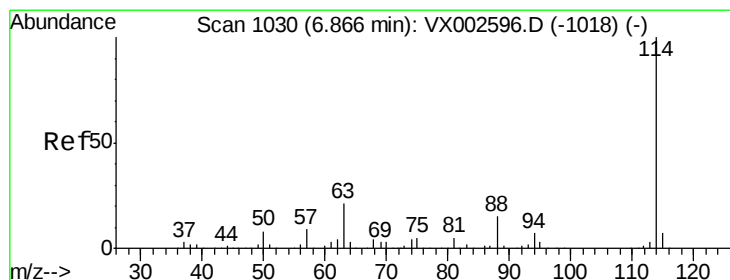
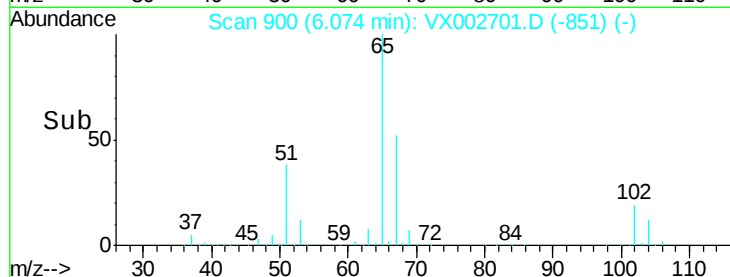
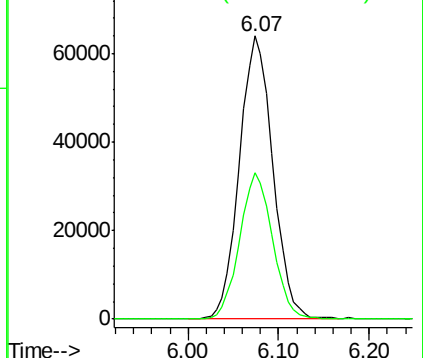
65 100

67 51.2 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX002701.D

Acq: 19 Jun 2018 01:54

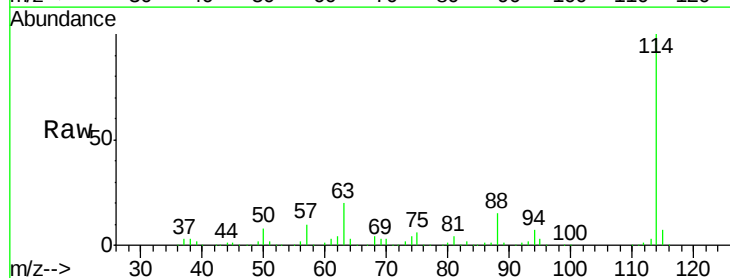
Tgt Ion: 114 Resp: 307958

Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.4

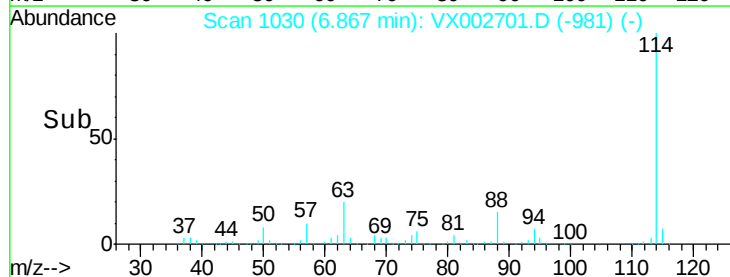
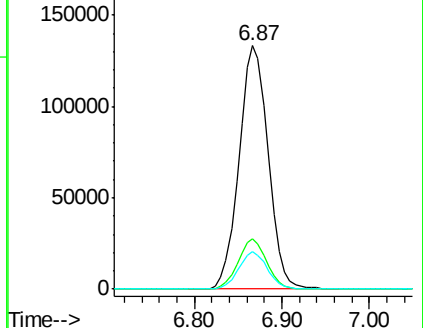
88 15.2 0.0 30.0

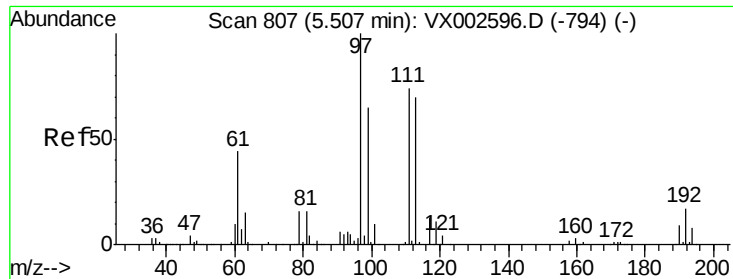


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

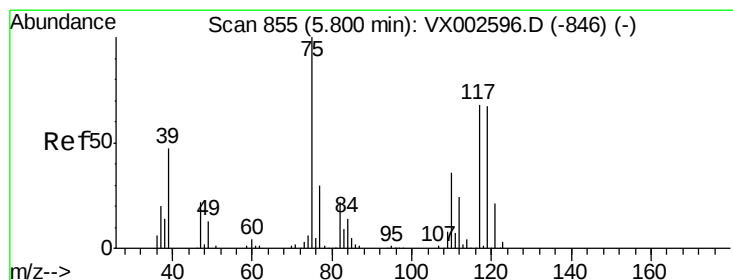
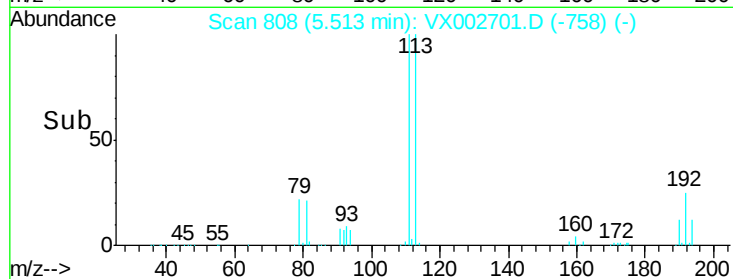
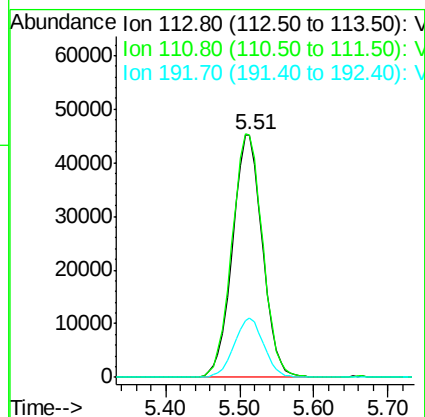
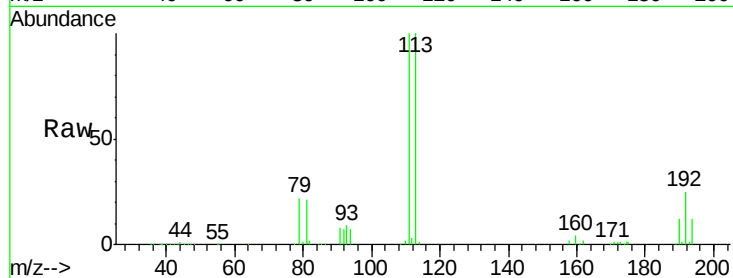




#35
 Dibromofluoromethane
 Concen: 51.80 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: VX002701.D
 Acq: 19 Jun 2018 01:54

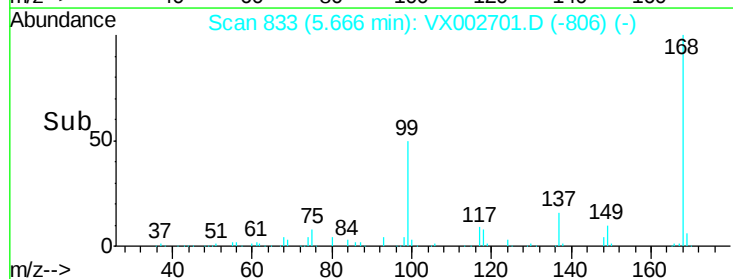
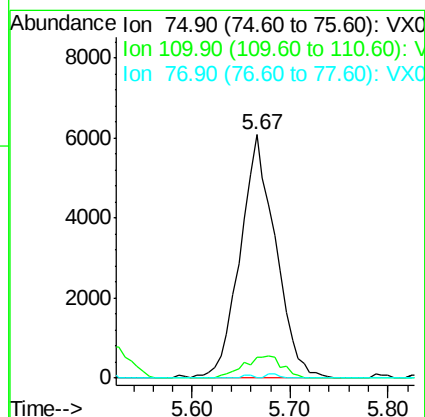
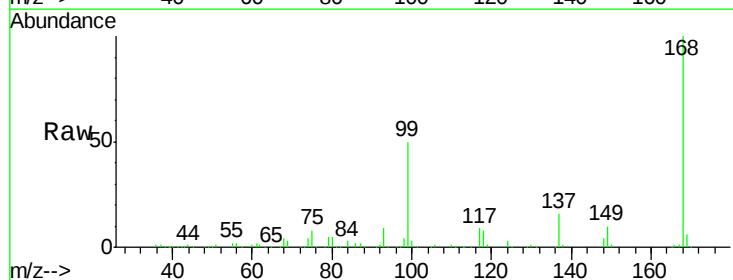
Instrument :
 MSVOA_X
 ClientSampled :

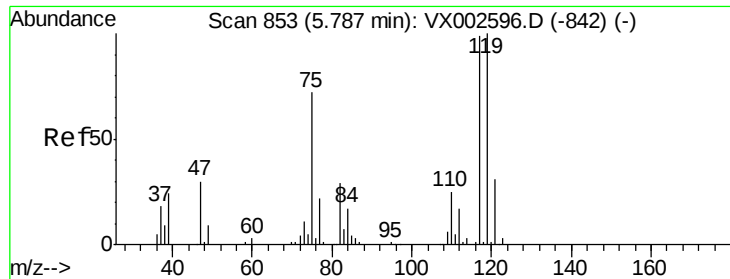
Tot Ion:113 Resp: 127317
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.4 122.0
 192 24.3 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 4.68 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.13 min
 Lab File: VX002701.D
 Acq: 19 Jun 2018 01:54

Tgt Ion: 75 Resp: 15301
 Ion Ratio Lower Upper
 75 100
 110 0.0 18.1 54.4#
 77 0.3 24.3 36.5#





#38

Carbon Tetrachloride

Concen: 6.07 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.12 min

Lab File: VX002701.D

Acq: 19 Jun 2018 01:54

Instrument :
MSVOA_X
ClientSampleId :

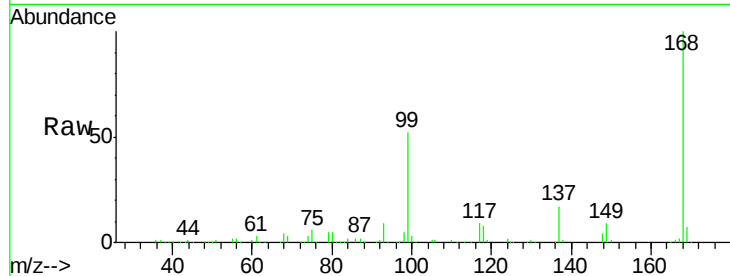
Tot Ion:117 Resp: 19770

Ion Ratio Lower Upper

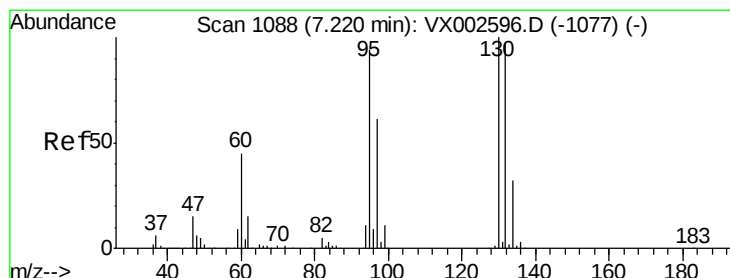
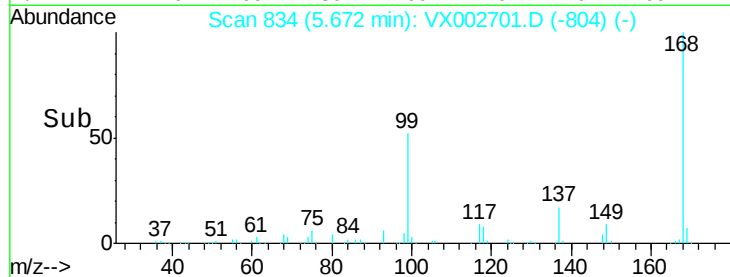
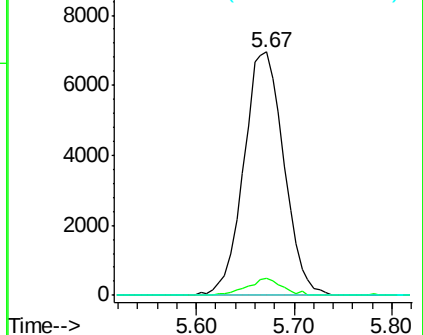
117 100

119 6.9 77.4 116.0#

121 0.0 24.4 36.6#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V



#44

Trichloroethene

Concen: 0.98 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX002701.D

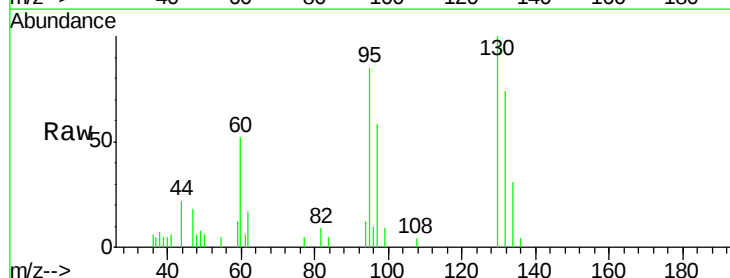
Acq: 19 Jun 2018 01:54

Tgt Ion:130 Resp: 2775

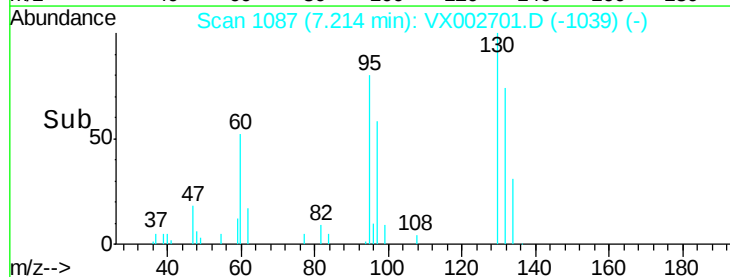
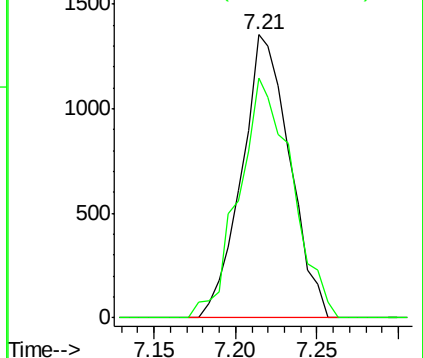
Ion Ratio Lower Upper

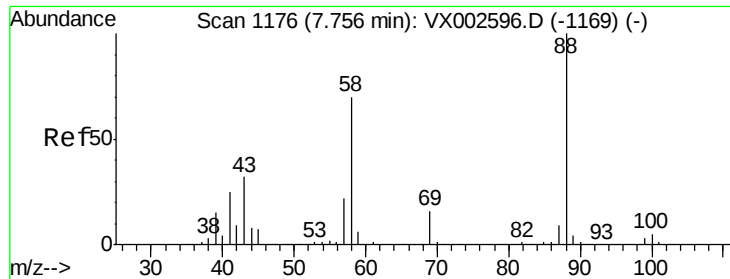
130 100

95 84.8 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0

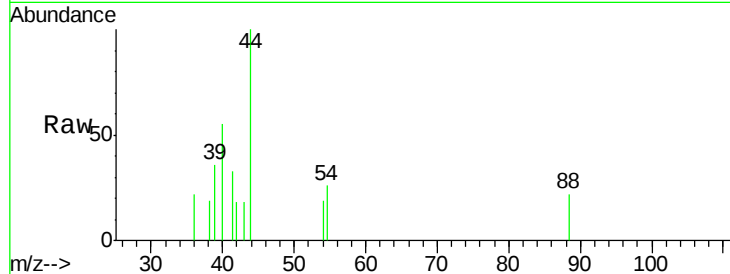




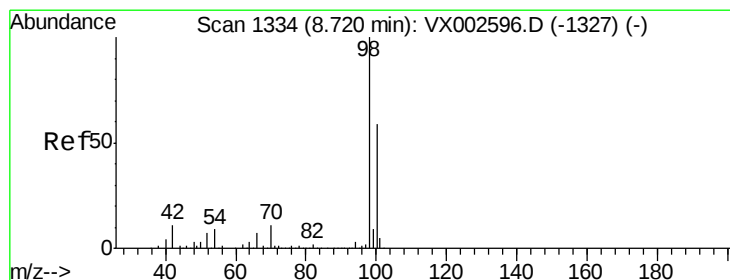
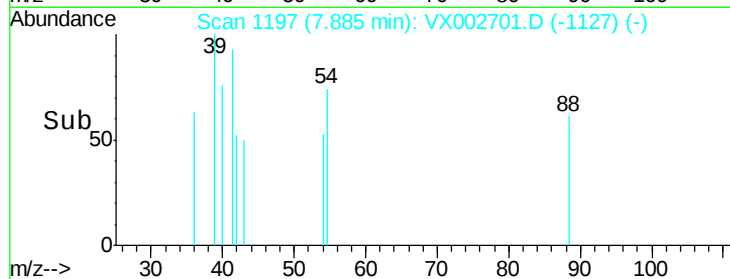
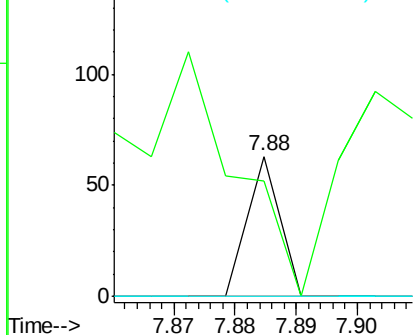
#49
 1,4-Dioxane
 Concen: 0.39 ug/l
 RT: 7.88 min Scan# 1197
 Delta R.T. 0.13 min
 Lab File: VX002701.D
 Acq: 19 Jun 2018 01:54

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 88 Resp: 23
 Ion Ratio Lower Upper
 88 100
 43 652.2 29.8 44.6#
 58 0.0 57.1 85.7#

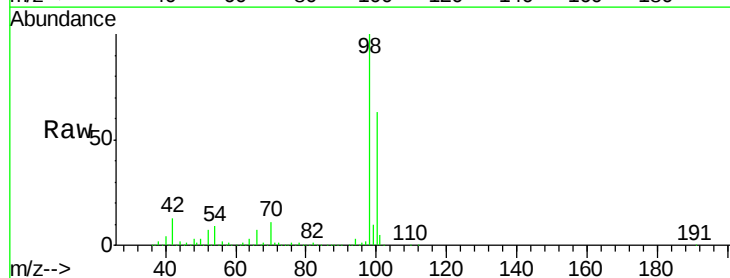


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

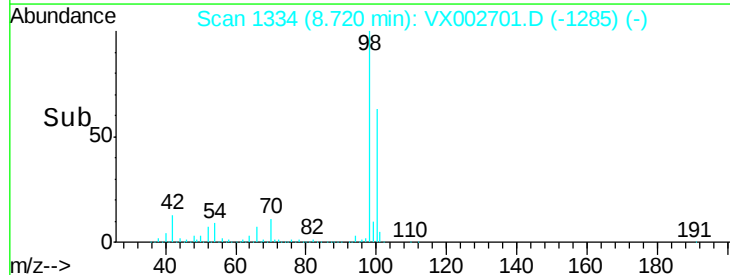
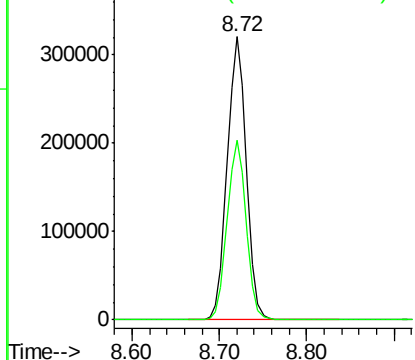


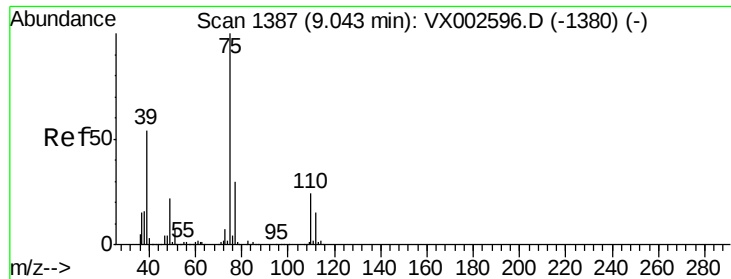
#50
 Toluene-d8
 Concen: 52.03 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX002701.D
 Acq: 19 Jun 2018 01:54

Tgt Ion: 98 Resp: 485523
 Ion Ratio Lower Upper
 98 100
 100 63.3 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): VX0



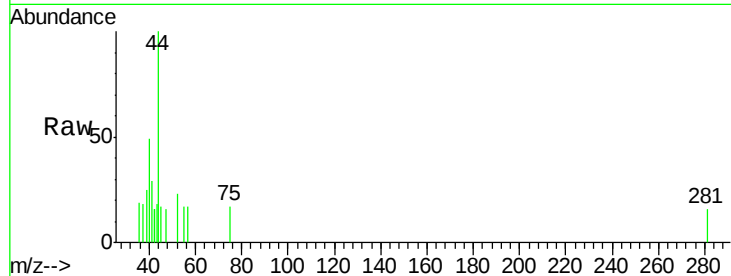


#54

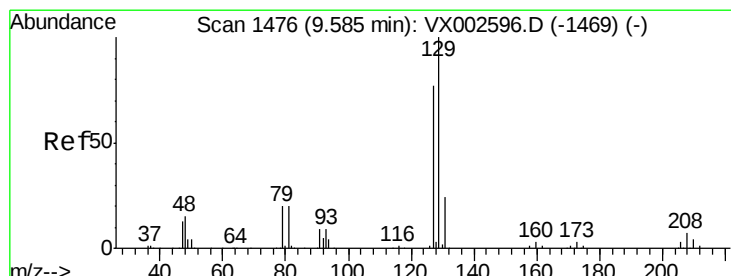
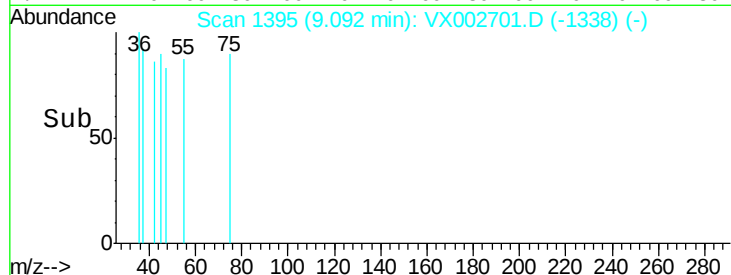
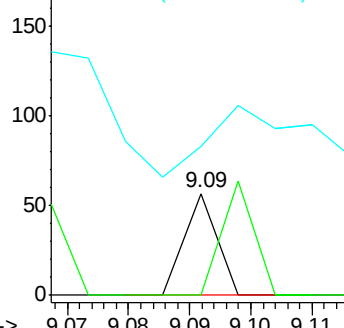
cis-1,3-Dichloropropene
Concen: 3.22 ug/l
RT: 9.09 min Scan# 1395
Delta R.T. 0.05 min
Lab File: VX002701.D
Acq: 19 Jun 2018 01:54

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 21
Ion Ratio Lower Upper
75 100
77 0.0 24.8 37.2#
39 0.0 42.4 63.6#



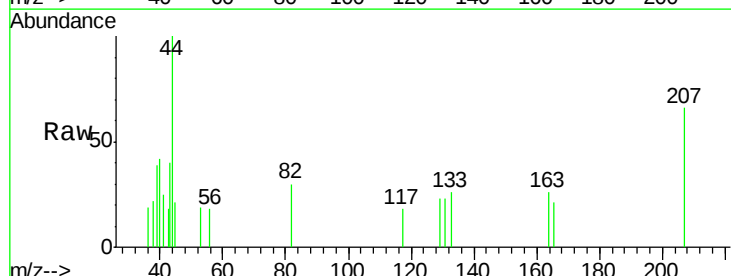
Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 76.90 (76.60 to 77.60): VX0
Ion 39.00 (38.70 to 39.70): VX0



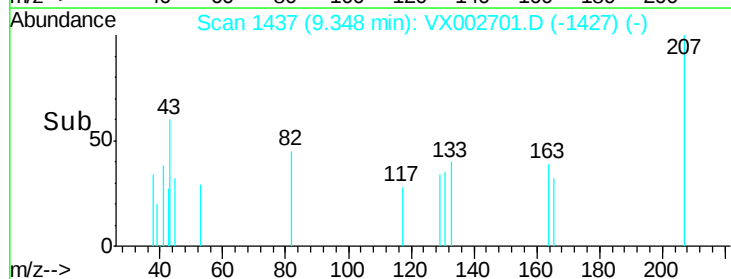
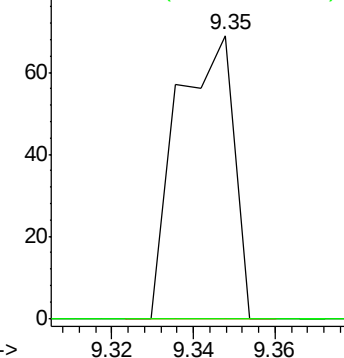
#60

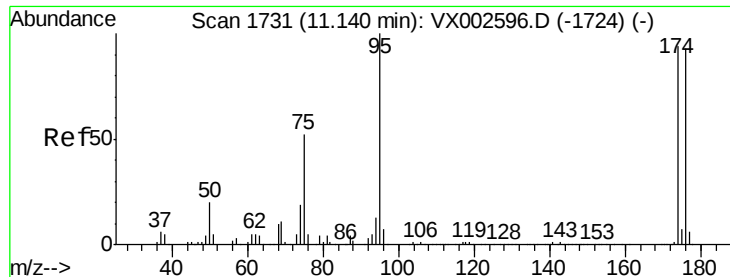
Dibromochloromethane
Concen: 3.78 ug/l
RT: 9.35 min Scan# 1437
Delta R.T. -0.24 min
Lab File: VX002701.D
Acq: 19 Jun 2018 01:54

Tgt Ion: 129 Resp: 67
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.3#



Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V





#62

4-Bromofluorobenzene

Concen: 47.63 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002701.D

Acq: 19 Jun 2018 01:54

Instrument :

MSVOA_X

ClientSampleId :

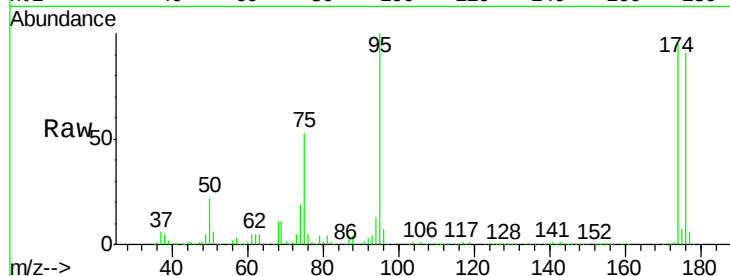
Tot Ion: 95 Resp: 168442

Ion Ratio Lower Upper

95 100

174 97.7 0.0 187.4

176 94.5 0.0 181.0

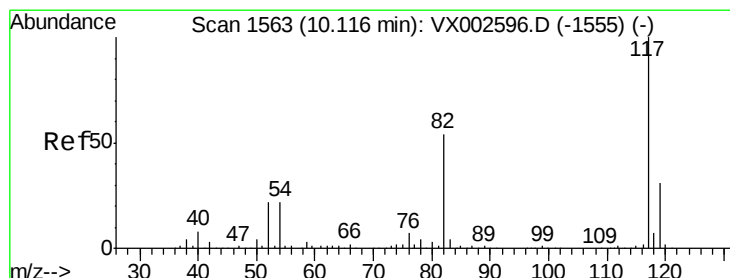
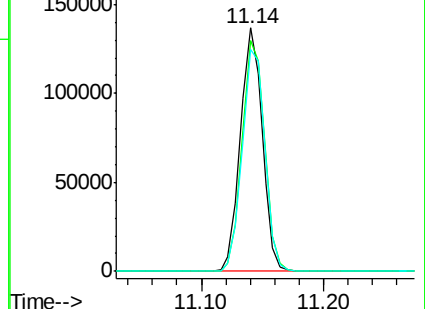
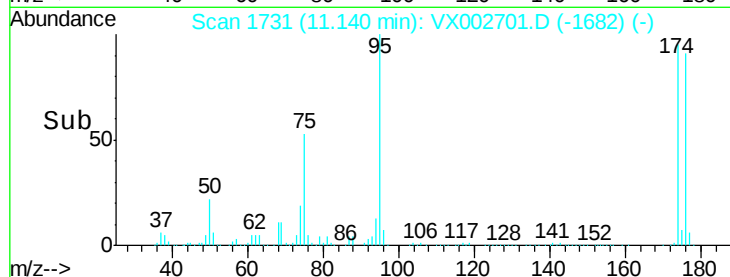


Abundance Ion 94.90 (94.60 to 95.60): VX002596.D (-1724) (-)

Ion 173.80 (173.50 to 174.50): VX002596.D (-1724) (-)

Ion 175.80 (175.50 to 176.50): VX002596.D (-1724) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX002701.D

Acq: 19 Jun 2018 01:54

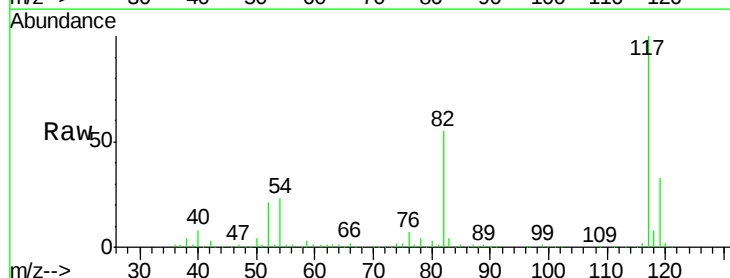
Tgt Ion: 117 Resp: 287342

Ion Ratio Lower Upper

117 100

82 55.2 45.0 67.4

119 32.9 25.8 38.6

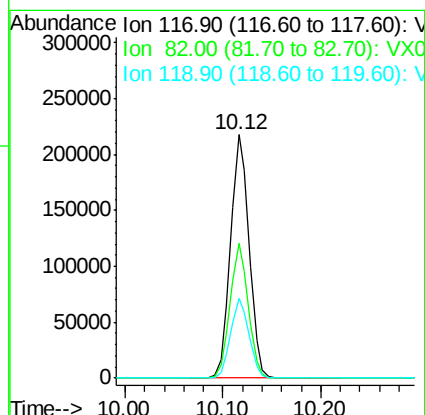
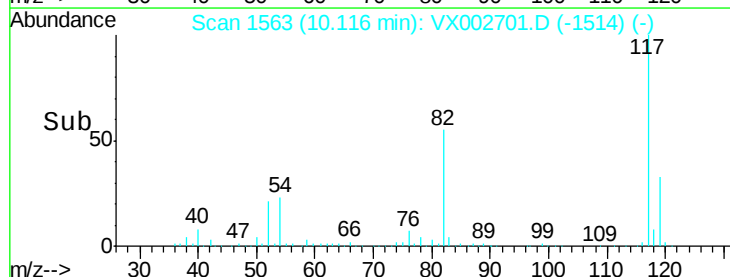


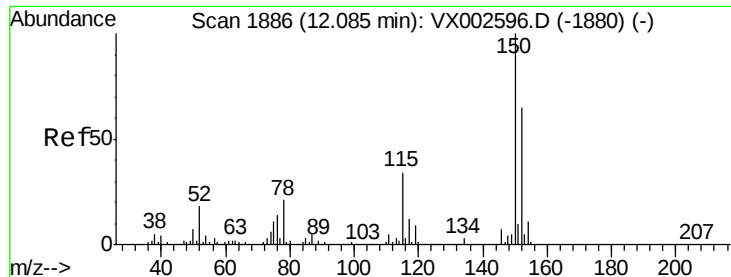
Abundance Ion 116.90 (116.60 to 117.60): VX002596.D (-1555) (-)

Ion 82.00 (81.70 to 82.70): VX002596.D (-1555) (-)

Ion 118.90 (118.60 to 119.60): VX002596.D (-1555) (-)

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002701.D

Acq: 19 Jun 2018 01:54

Instrument :

MSVOA_X

ClientSampleId :

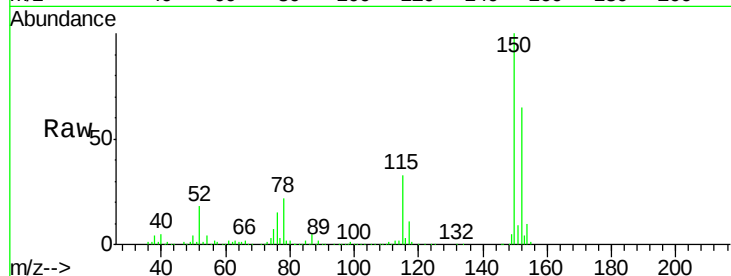
Tot Ion:152 Resp: 161290

Ion Ratio Lower Upper

152 100

115 54.9 40.1 120.2

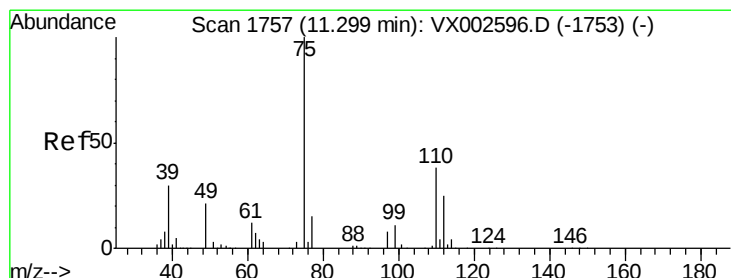
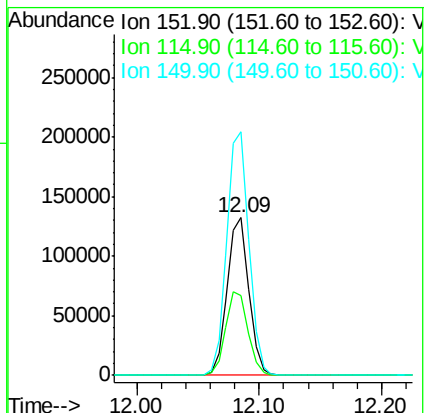
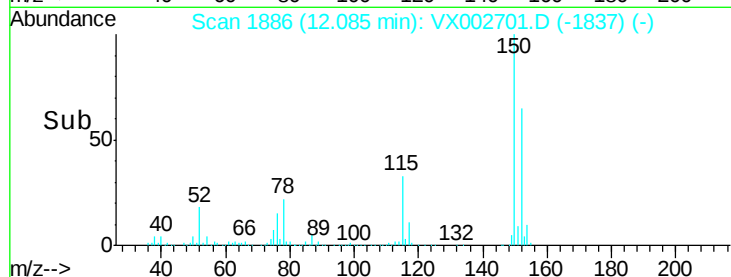
150 158.1 0.0 347.2



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



#76

1,2,3-Trichloropropane

Concen: 29.79 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX002701.D

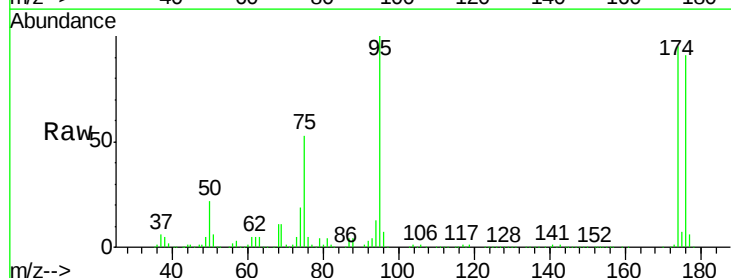
Acq: 19 Jun 2018 01:54

Tgt Ion: 75 Resp: 90666

Ion Ratio Lower Upper

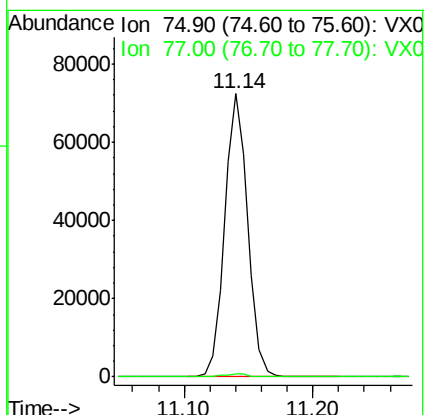
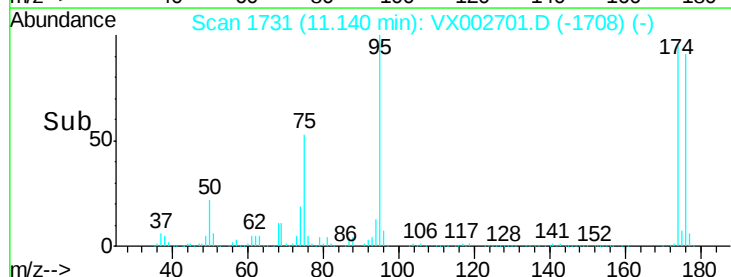
75 100

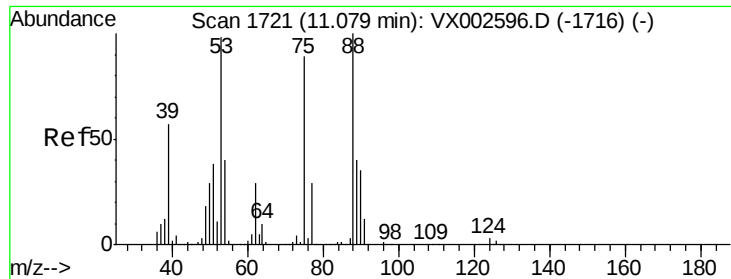
77 1.2 22.8 68.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 91.53 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX002701.D

Acq: 19 Jun 2018 01:54

Instrument :

MSVOA_X

ClientSampleId :

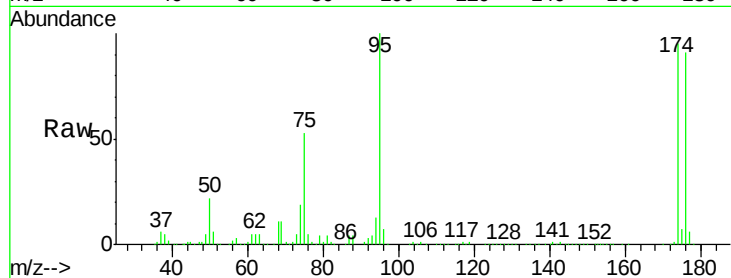
Tot Ion: 75 Resp: 90666

Ion Ratio Lower Upper

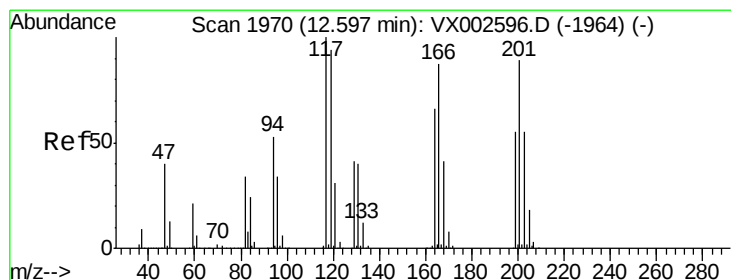
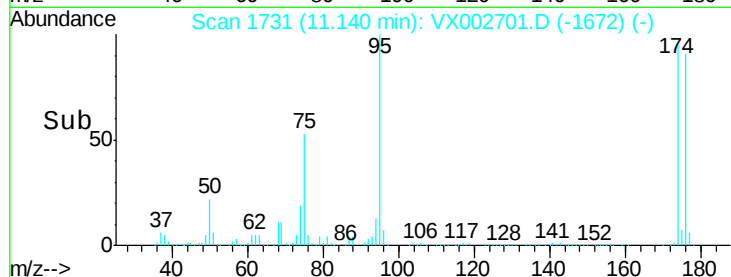
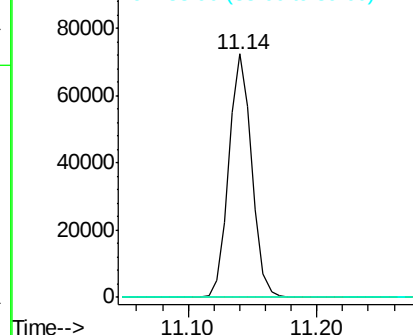
75 100

53 0.0 86.8 130.2#

89 0.0 38.2 57.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#90

Hexachloroethane

Concen: 2.65 ug/l

RT: 12.71 min Scan# 1989

Delta R.T. 0.12 min

Lab File: VX002701.D

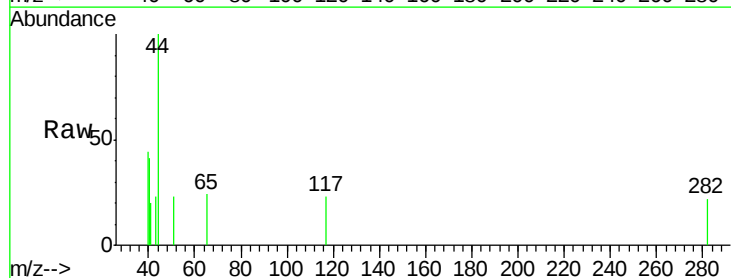
Acq: 19 Jun 2018 01:54

Tgt Ion: 117 Resp: 44

Ion Ratio Lower Upper

117 100

201 0.0 49.0 147.0#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

