

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX042718\
 Data File : VX001187.D
 Acq On : 27 Apr 2018 23:17
 Operator : JC/MD
 Sample : VX0427WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0427WBL02

Quant Time: Apr 28 03:14:30 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 27 01:51:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	193762	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	266114	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	248578	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	151764	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	154917	51.58	ug/l	0.00
Spiked Amount			Recovery	=	103.16%	
35) Dibromofluoromethane	5.51	113	120159	54.55	ug/l	0.00
Spiked Amount			Recovery	=	109.10%	
50) Toluene-d8	8.72	98	465060	55.95	ug/l	0.00
Spiked Amount			Recovery	=	111.90%	
62) 4-Bromofluorobenzene	11.14	95	165157	50.86	ug/l	0.00
Spiked Amount			Recovery	=	101.72%	

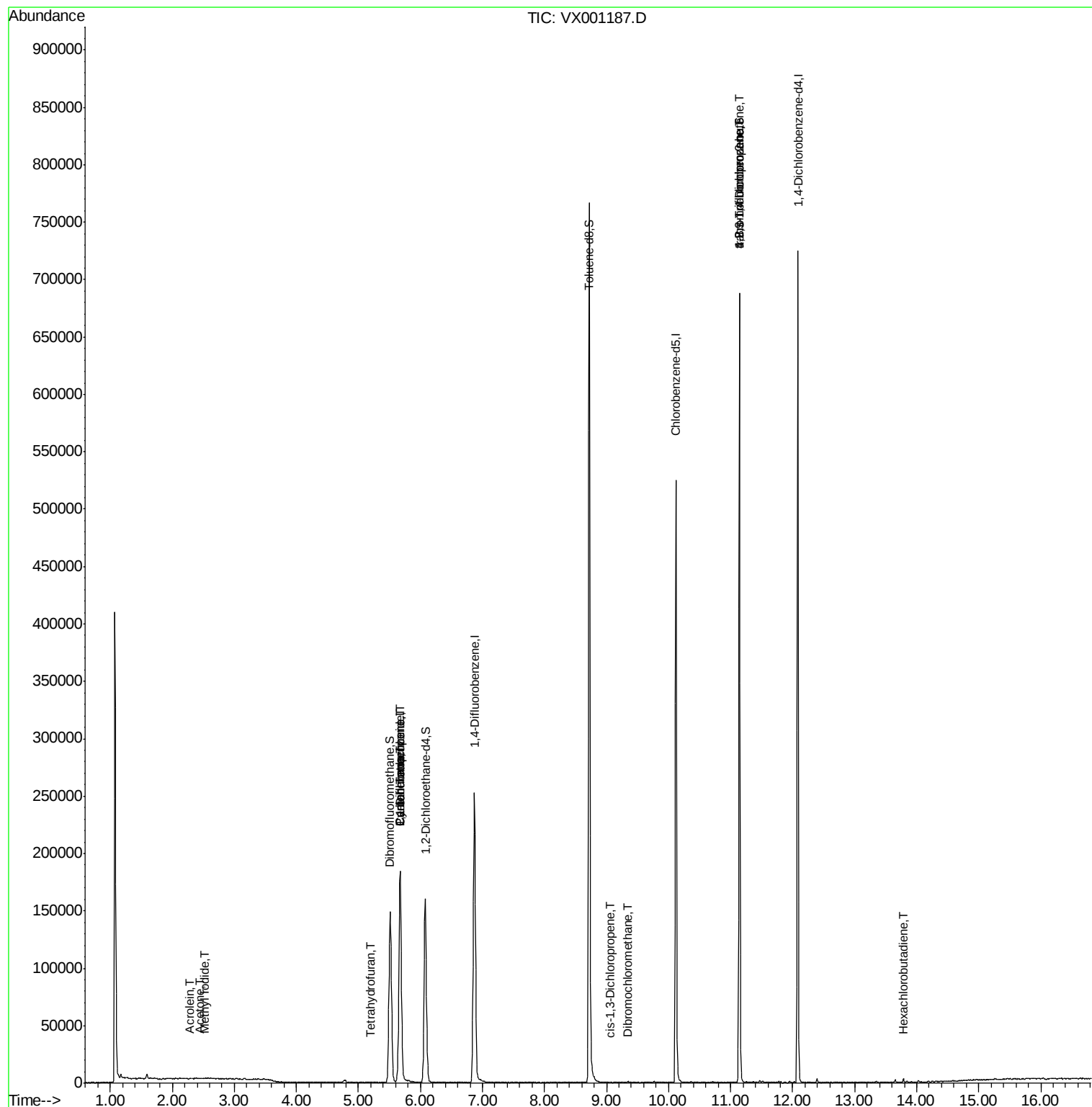
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.62	94	62	Below Cal	#	3
10) Methyl Iodide	2.52	142	281	7.354	ug/l #	79
13) Acrolein	2.29	56	252	1.125	ug/l	89
16) Acetone	2.45	43	465	0.376	ug/l	95
29) Tetrahydrofuran	5.18	42	461	0.388	ug/l #	44
31) Cyclohexane	5.67	56	3627	1.136	ug/l #	20
36) 1,1-Dichloropropene	5.68	75	11845	4.039	ug/l #	50
38) Carbon Tetrachloride	5.67	117	17189	5.716	ug/l #	18
54) cis-1,3-Dichloropropene	9.06	75	22	3.193	ug/l #	32
60) Dibromochloromethane	9.35	129	124	3.388	ug/l #	11
76) 1,2,3-Trichloropropane	11.14	75	84932	27.483	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.14	75	84932	83.526	ug/l #	6
94) Hexachlorobutadiene	13.79	225	647	0.330	ug/l	93

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

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Quant Title : SW846 8260
QLast Update : Fri Apr 27 01:51:42 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001187.D

Acq: 27 Apr 2018 23:17

Instrument :

MSVOA_X

ClientSampleId :

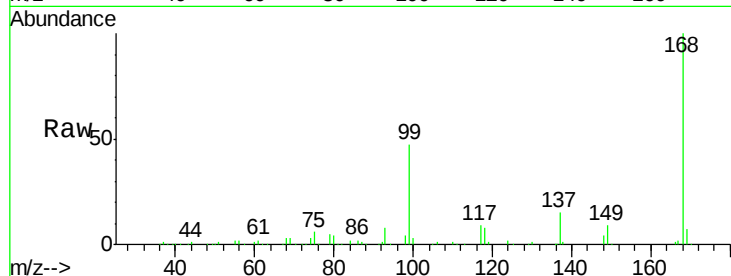
VX0427WBL02

Tgt Ion:168 Resp: 193762

Ion Ratio Lower Upper

168 100

99 47.4 40.6 60.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

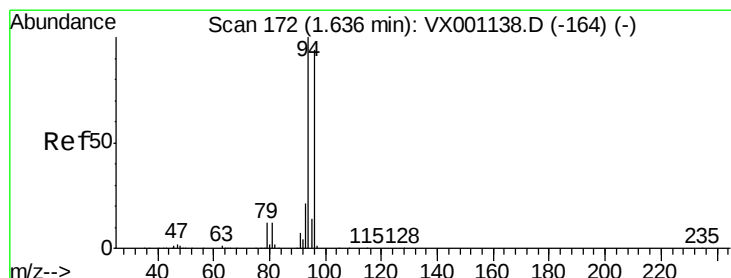
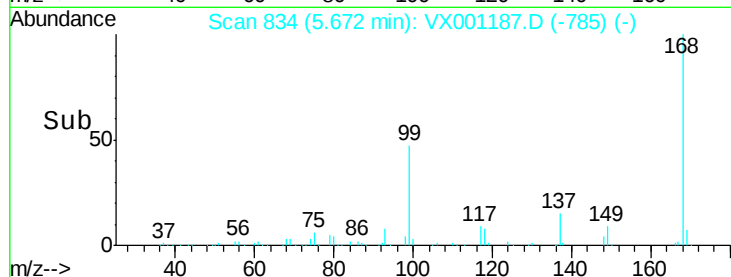
40000

20000

0

5.60 5.70 5.80

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 1.62 min Scan# 170

Delta R.T. -0.01 min

Lab File: VX001187.D

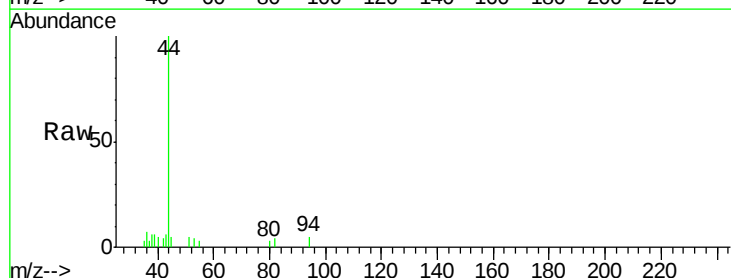
Acq: 27 Apr 2018 23:17

Tgt Ion: 94 Resp: 62

Ion Ratio Lower Upper

94 100

96 0.0 75.3 112.9#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

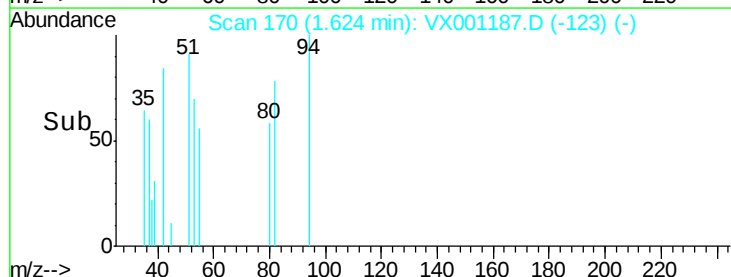
100

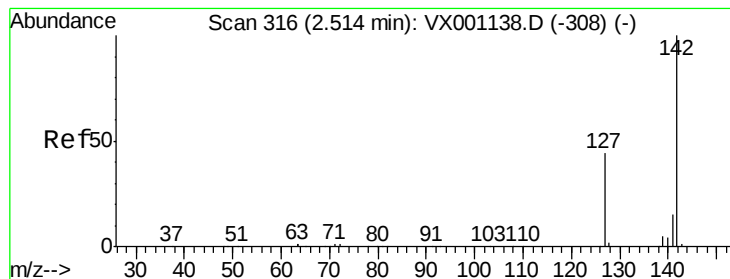
50

0

1.61 1.62 1.63

Time-->





#10

Methyl Iodide

Concen: 7.354 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX001187.D

Acq: 27 Apr 2018 23:17

Instrument :

MSVOA_X

ClientSampleId :

VX0427WBL02

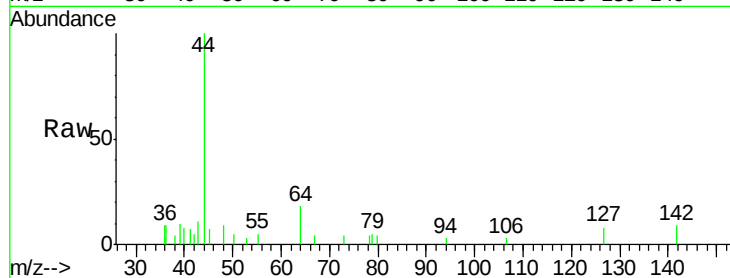
Tgt Ion: 142 Resp: 281

Ion Ratio Lower Upper

142 100

127 32.7 34.7 52.1#

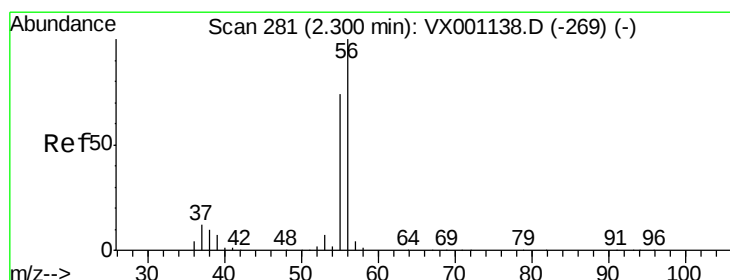
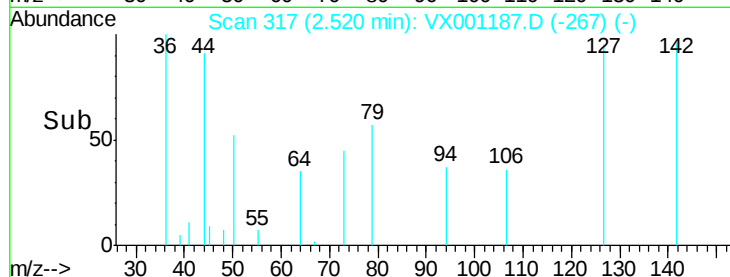
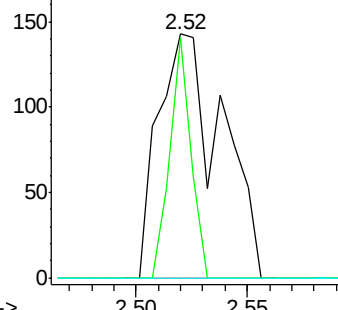
141 0.0 11.6 17.4#



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



#13

Acrolein

Concen: 1.125 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX001187.D

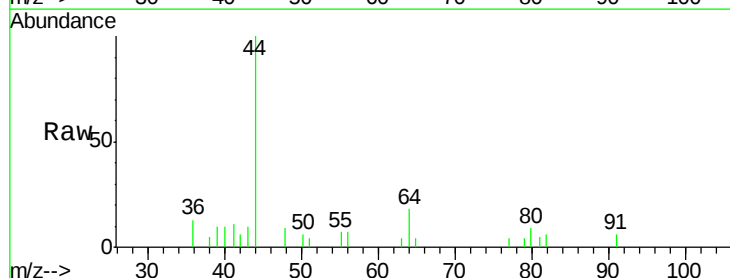
Acq: 27 Apr 2018 23:17

Tgt Ion: 56 Resp: 252

Ion Ratio Lower Upper

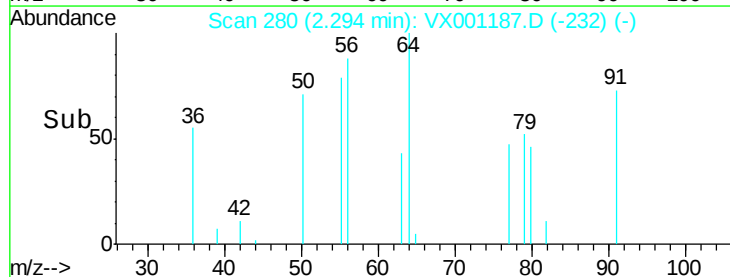
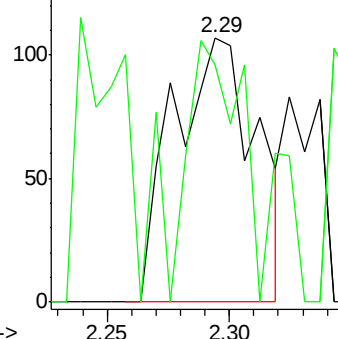
56 100

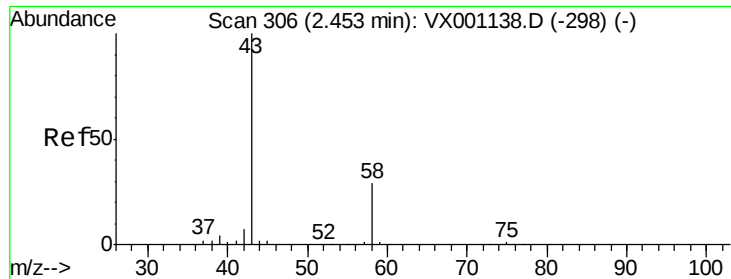
55 62.3 57.2 85.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0





#16

Acetone

Concen: 0.376 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001187.D

Acq: 27 Apr 2018 23:17

Instrument :

MSVOA_X

ClientSampled :

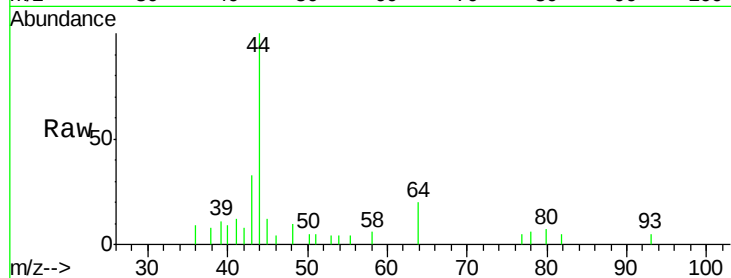
VX0427WBL02

Tgt Ion: 43 Resp: 465

Ion Ratio Lower Upper

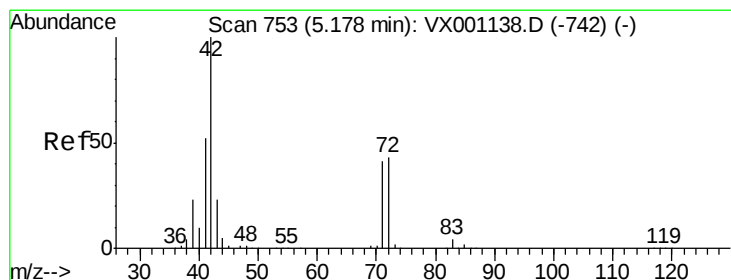
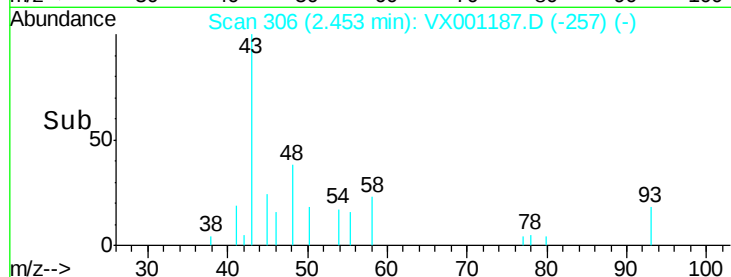
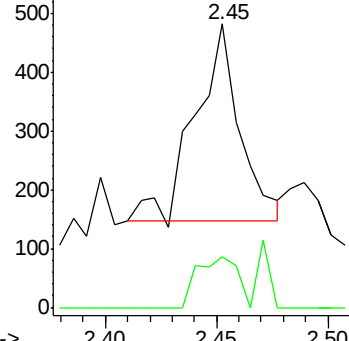
43 100

58 26.0 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#29

Tetrahydrofuran

Concen: 0.388 ug/l

RT: 5.18 min Scan# 754

Delta R.T. 0.01 min

Lab File: VX001187.D

Acq: 27 Apr 2018 23:17

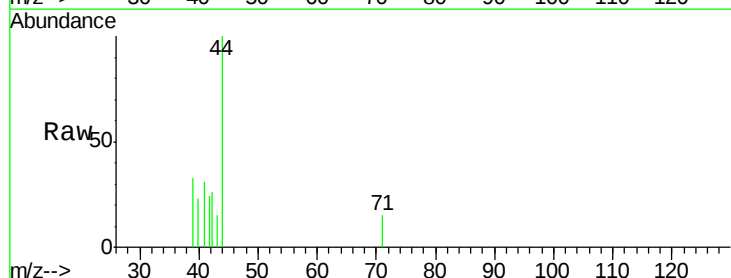
Tgt Ion: 42 Resp: 461

Ion Ratio Lower Upper

42 100

72 4.3 34.4 51.6#

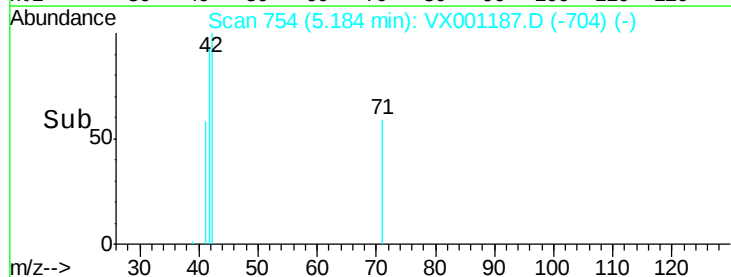
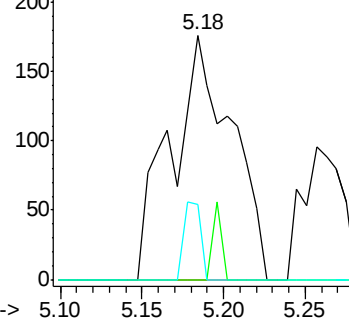
71 8.7 32.1 48.1#

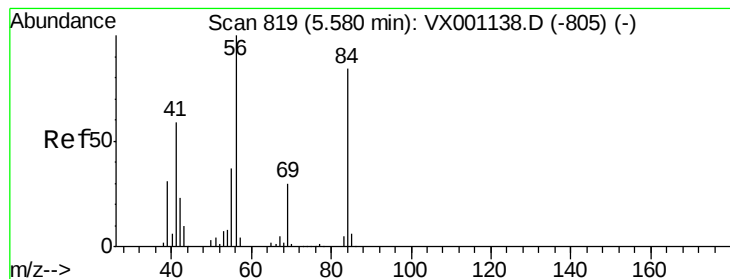


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0





#31

Cyclohexane

Concen: 1.136 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.09 min

Lab File: VX001187.D

Acq: 27 Apr 2018 23:17

Instrument :

MSVOA_X

ClientSampleId :

VX0427WBL02

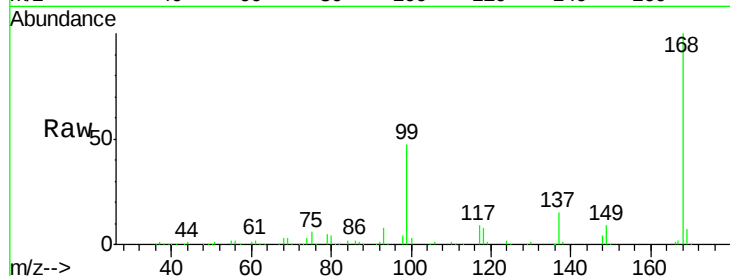
Tgt Ion: 56 Resp: 3627

Ion Ratio Lower Upper

56 100

69 130.9 24.2 36.2#

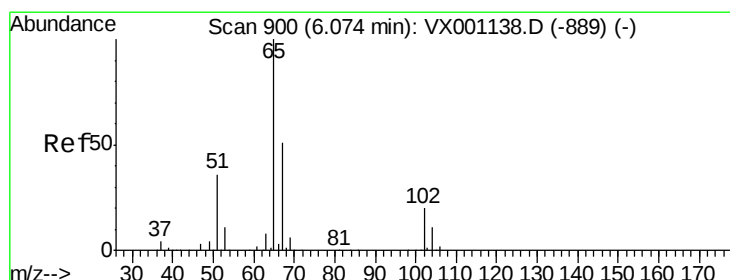
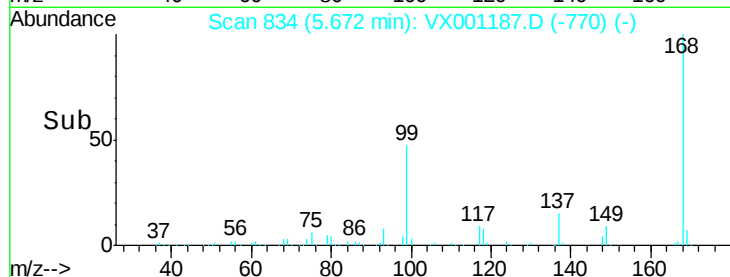
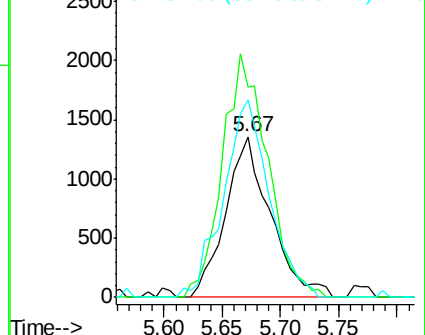
84 122.6 67.5 101.3#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 51.578 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001187.D

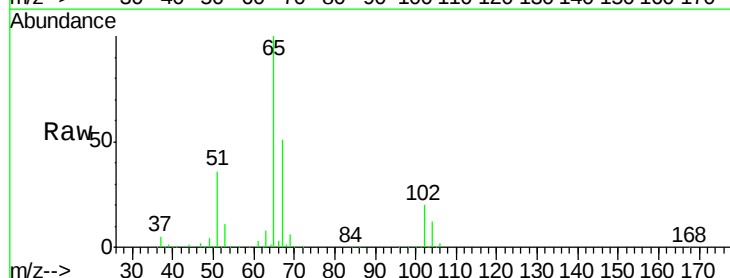
Acq: 27 Apr 2018 23:17

Tgt Ion: 65 Resp: 154917

Ion Ratio Lower Upper

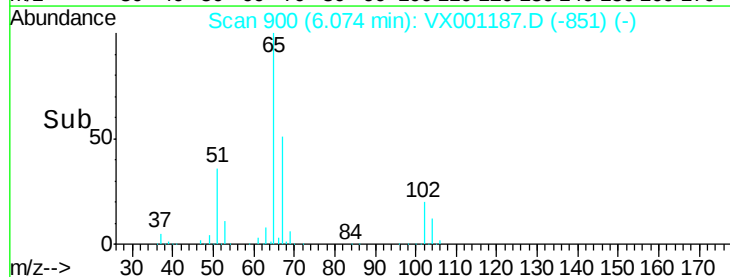
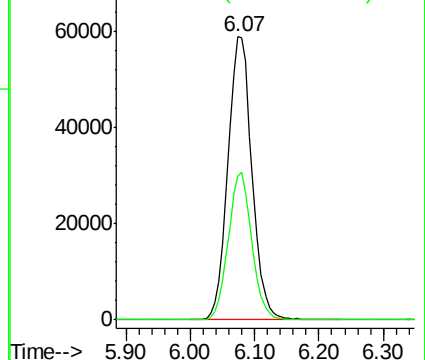
65 100

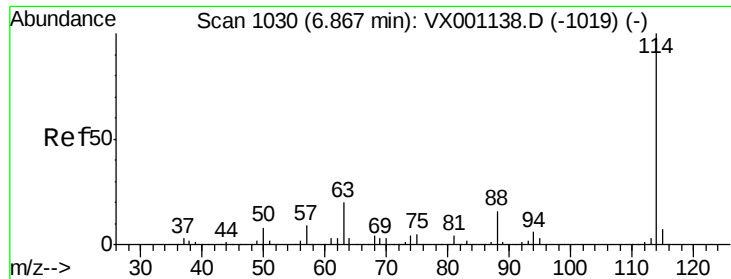
67 50.9 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

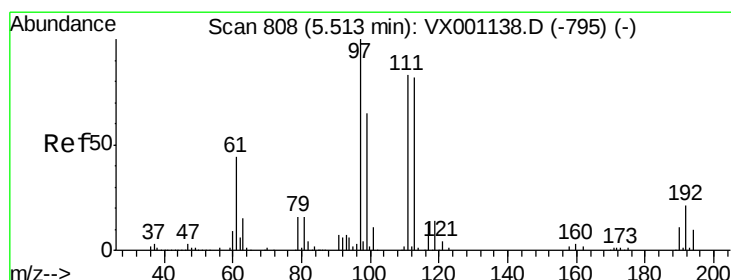
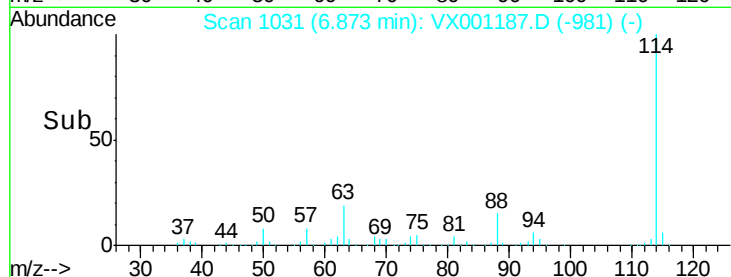
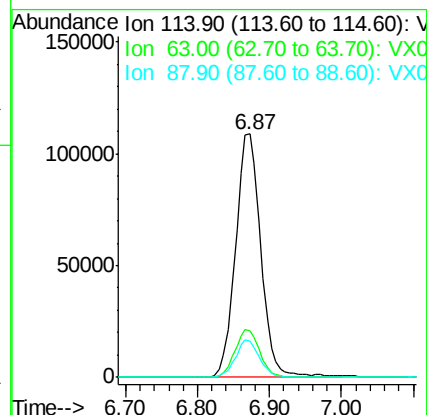
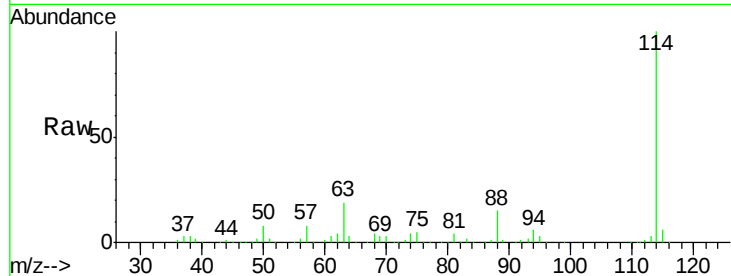




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX001187.D
 Acq: 27 Apr 2018 23:17

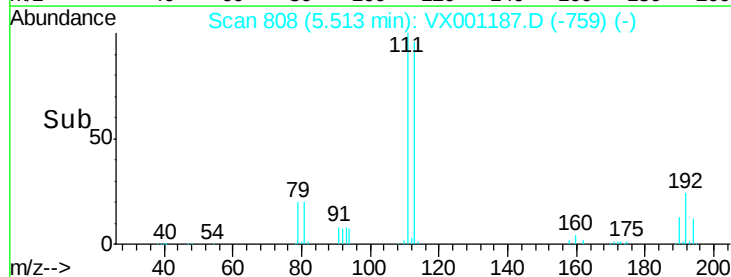
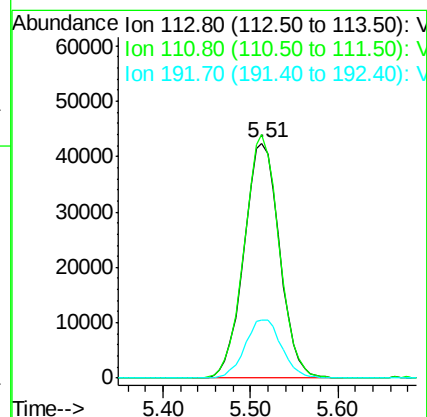
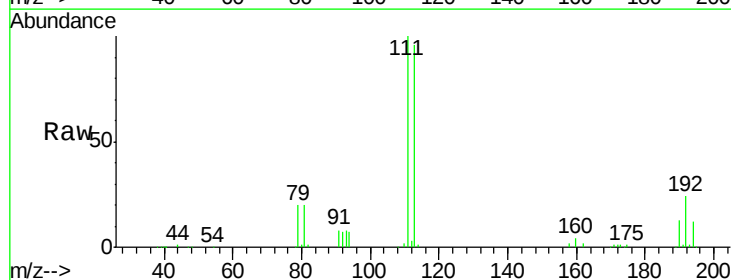
Instrument :
 MSVOA_X
 ClientSampled :
 VX0427WBL02

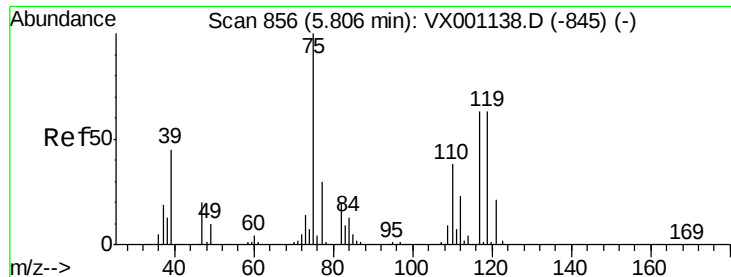
Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	40.4
88	15.0	0.0	31.8



#35
 Dibromofluoromethane
 Concen: 54.553 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX001187.D
 Acq: 27 Apr 2018 23:17

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.2	123.4
192	25.6	20.6	30.8

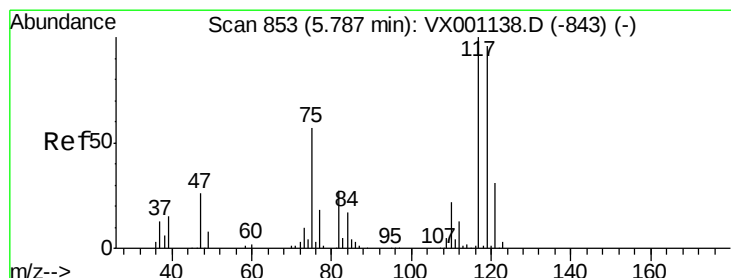
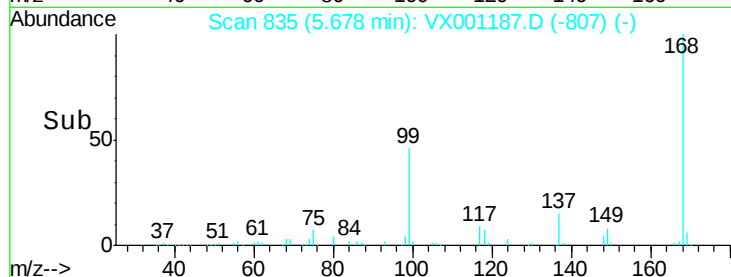
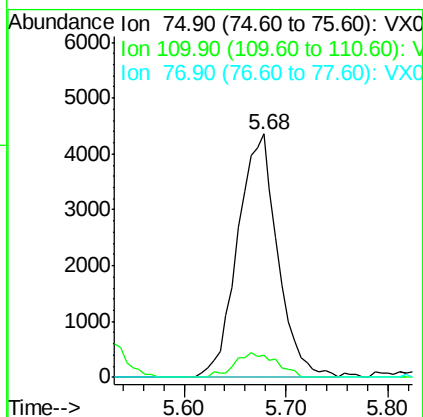
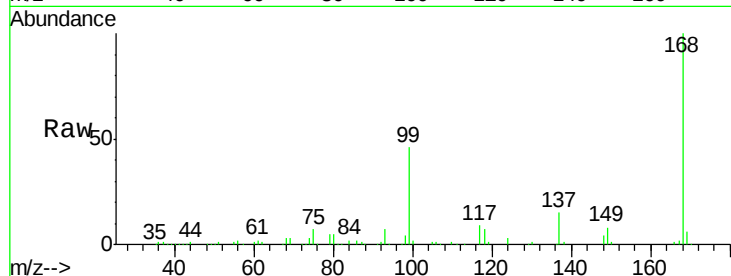




#36
 1,1-Dichloropropene
 Concen: 4.039 ug/l
 RT: 5.68 min Scan# 835
 Delta R.T. -0.13 min
 Lab File: VX001187.D
 Acq: 27 Apr 2018 23:17

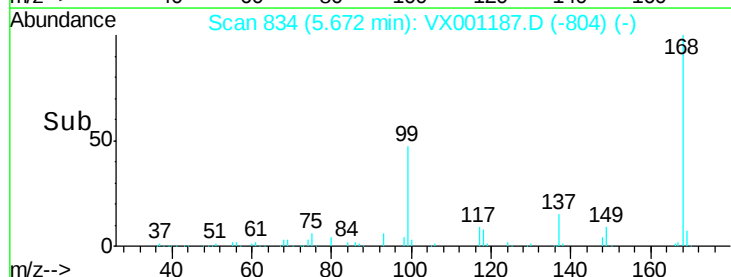
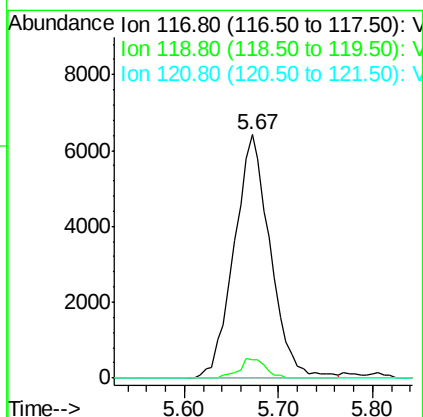
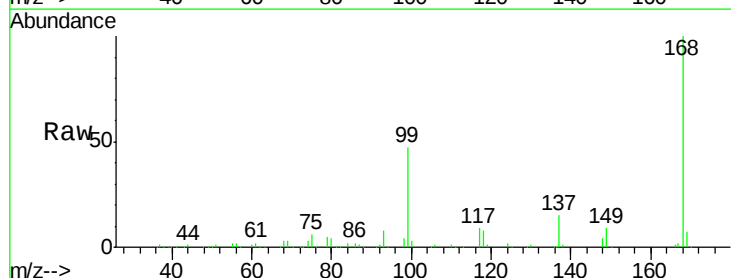
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0427WBL02

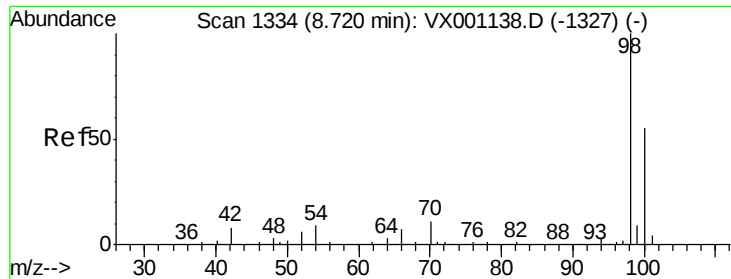
Tgt Ion: 75 Resp: 11845
 Ion Ratio Lower Upper
 75 100
 110 10.6 19.0 57.0#
 77 0.0 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 5.716 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.12 min
 Lab File: VX001187.D
 Acq: 27 Apr 2018 23:17

Tgt Ion: 117 Resp: 17189
 Ion Ratio Lower Upper
 117 100
 119 7.4 76.5 114.7#
 121 0.0 24.6 37.0#





#50

Toluene-d8

Concen: 55.948 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001187.D

Acq: 27 Apr 2018 23:17

Instrument :

MSVOA_X

ClientSampleId :

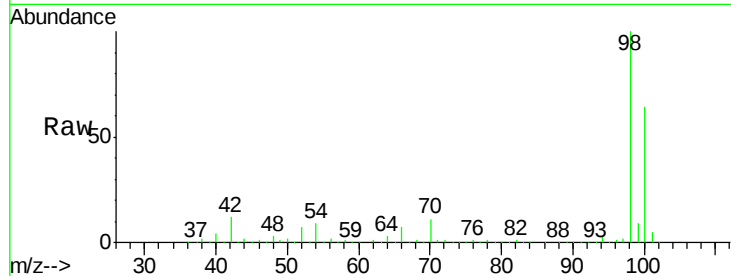
VX0427WBL02

Tgt Ion: 98 Resp: 465060

Ion Ratio Lower Upper

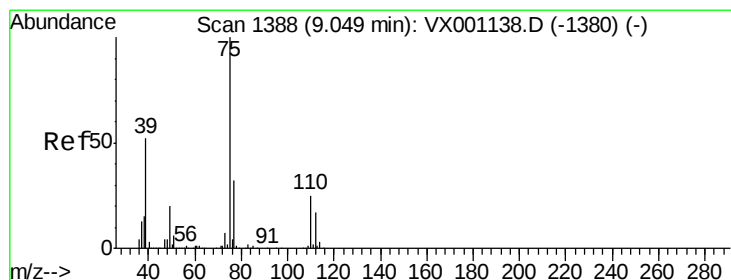
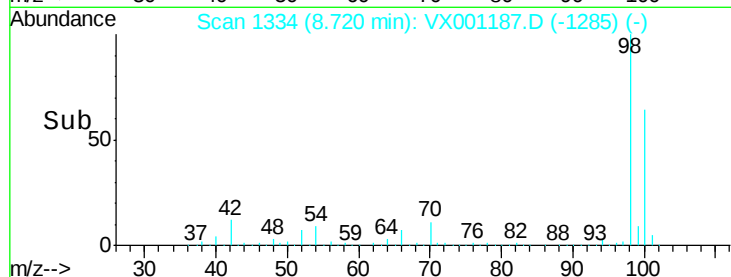
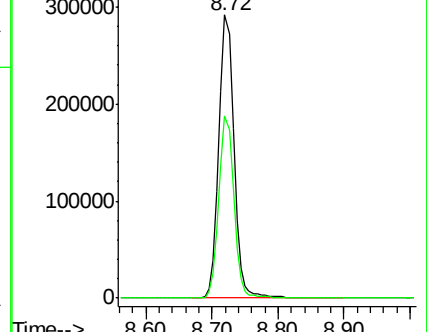
98 100

100 63.9 51.8 77.6



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: 3.193 ug/l

RT: 9.06 min Scan# 1389

Delta R.T. 0.01 min

Lab File: VX001187.D

Acq: 27 Apr 2018 23:17

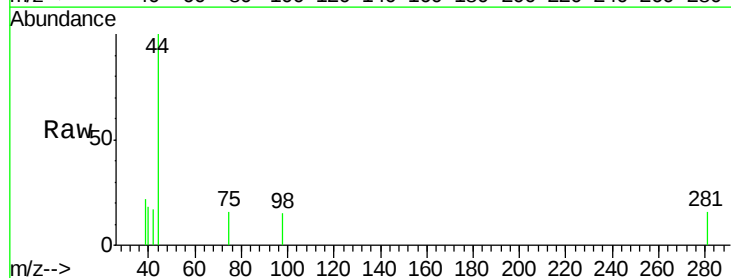
Tgt Ion: 75 Resp: 22

Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.2#

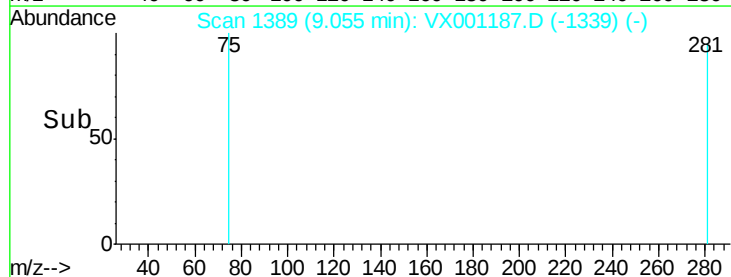
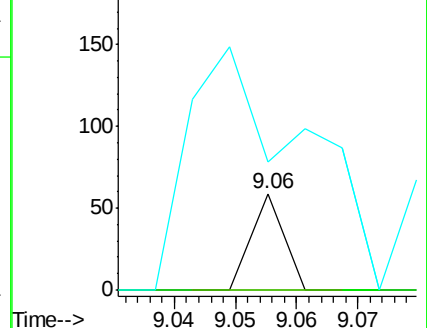
39 0.0 42.0 63.0#

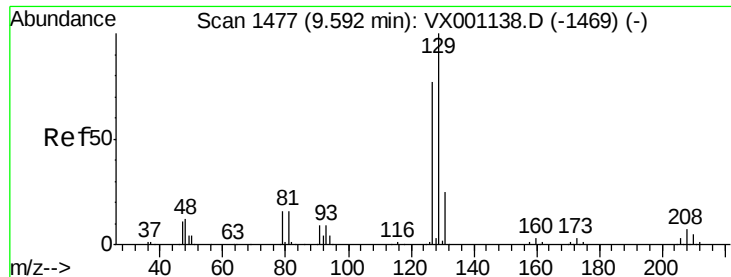


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#60

Dibromochloromethane

Concen: 3.388 ug/l

RT: 9.35 min Scan# 1437

Delta R.T. -0.24 min

Lab File: VX001187.D

Acq: 27 Apr 2018 23:17

Instrument :

MSVOA_X

ClientSampleId :

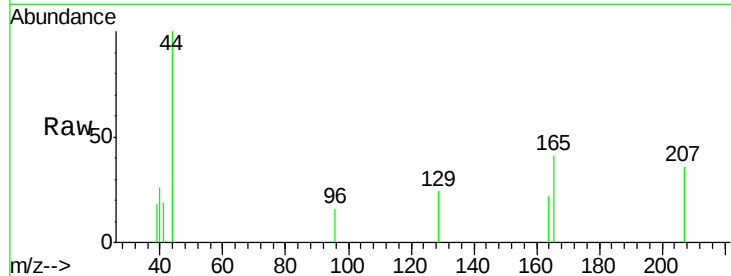
VX0427WBL02

Tgt Ion:129 Resp: 124

Ion Ratio Lower Upper

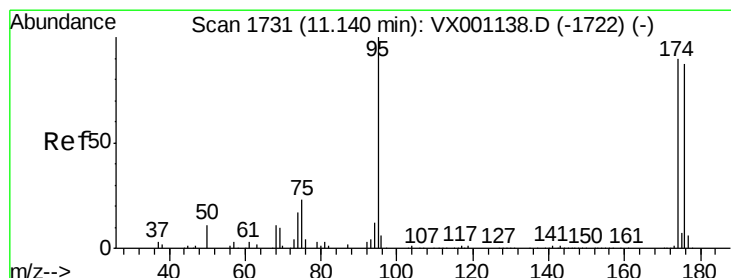
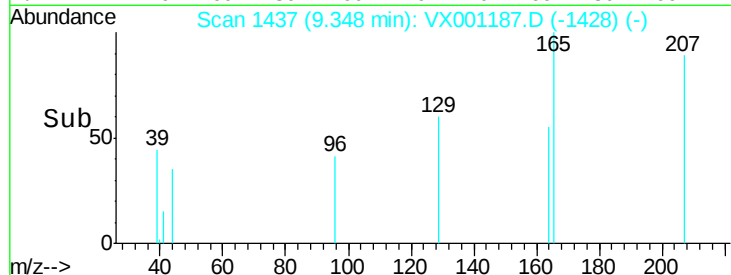
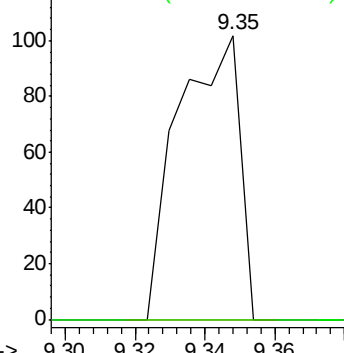
129 100

127 0.0 38.4 115.2#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 50.861 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001187.D

Acq: 27 Apr 2018 23:17

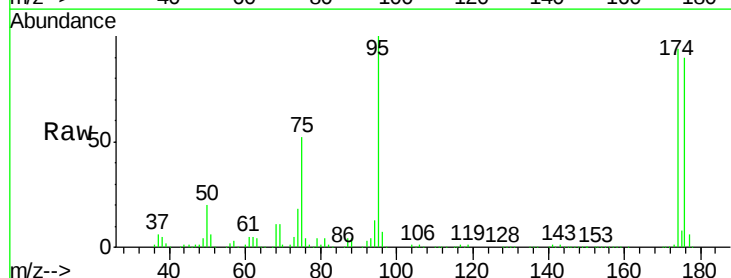
Tgt Ion: 95 Resp: 165157

Ion Ratio Lower Upper

95 100

174 100.3 0.0 194.4

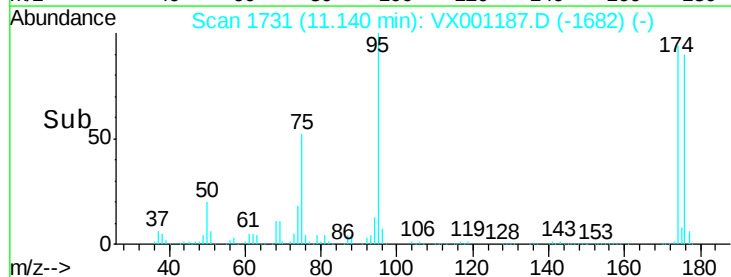
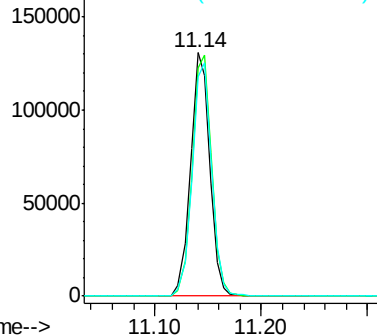
176 96.9 0.0 190.2

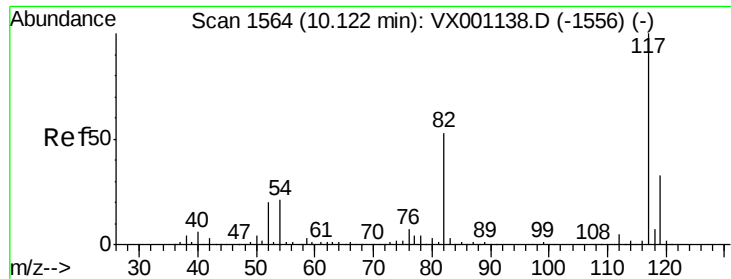


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

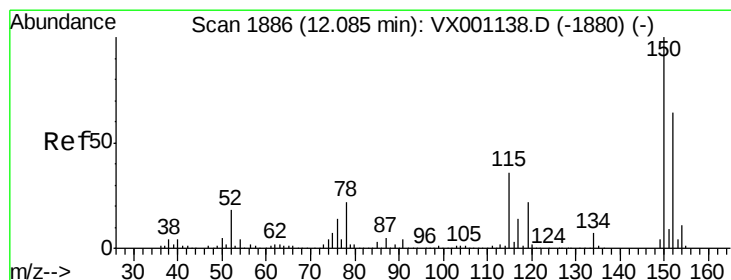
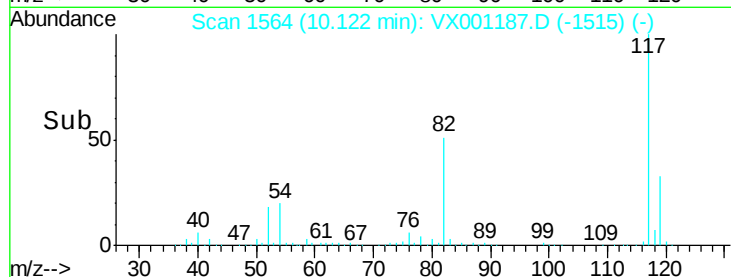
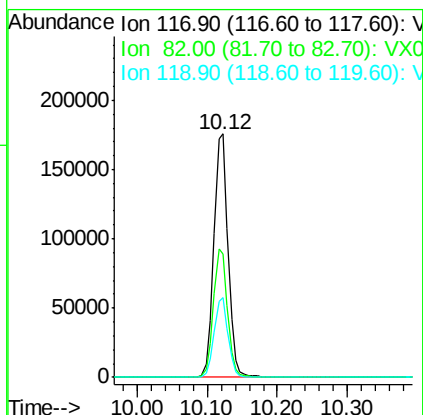
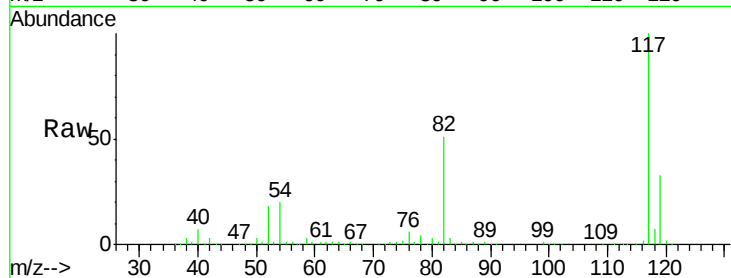




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001187.D
Acq: 27 Apr 2018 23:17

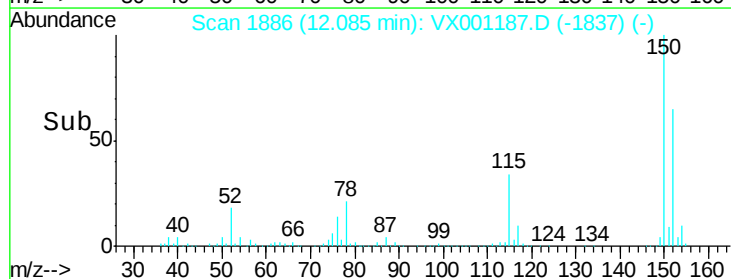
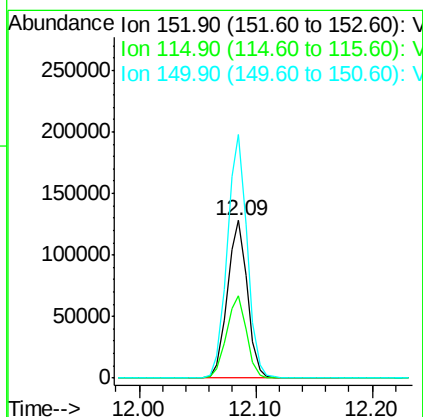
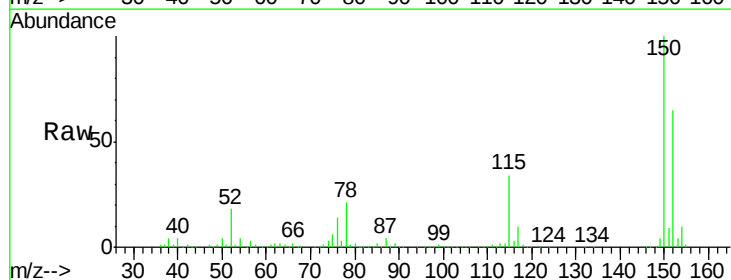
Instrument :
MSVOA_X
ClientSampleId :
VX0427WBL02

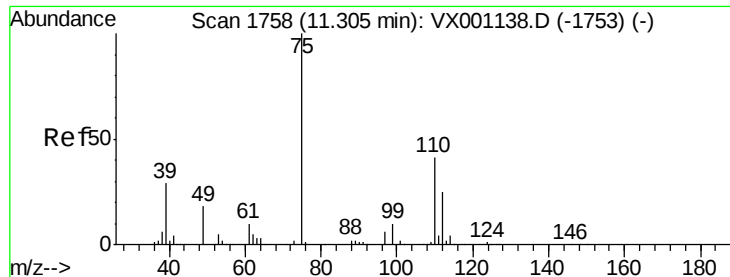
Tgt Ion:117 Resp: 248578
Ion Ratio Lower Upper
117 100
82 50.6 42.1 63.1
119 32.6 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001187.D
Acq: 27 Apr 2018 23:17

Tgt Ion:152 Resp: 151764
Ion Ratio Lower Upper
152 100
115 52.2 38.0 114.0
150 154.1 0.0 349.6





#76

1,2,3-Trichloropropane

Concen: 27.483 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001187.D

Acq: 27 Apr 2018 23:17

Instrument :

MSVOA_X

ClientSampleId :

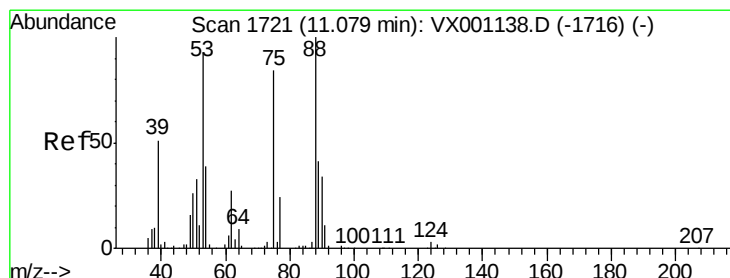
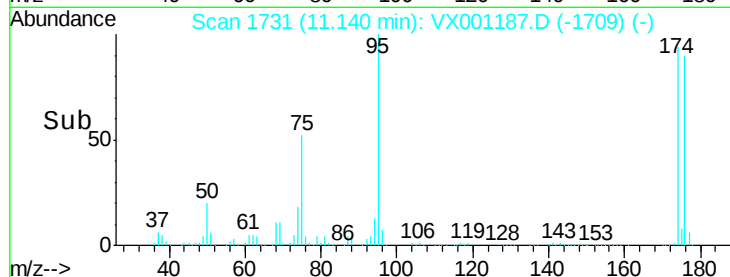
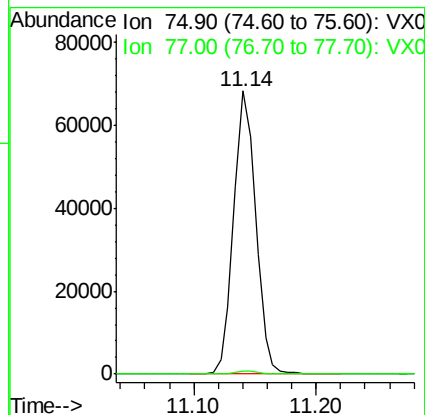
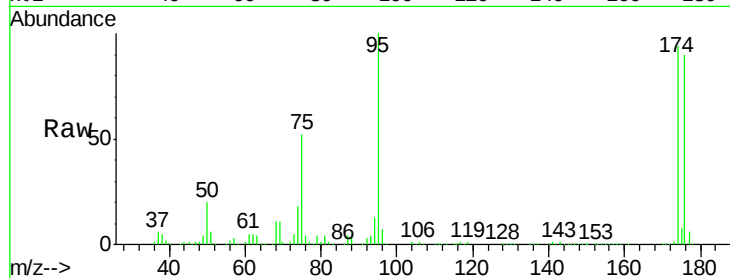
VX0427WBL02

Tgt Ion: 75 Resp: 84932

Ion Ratio Lower Upper

75 100

77 1.2 18.9 56.9#



#81

trans-1,4-Dichloro-2-butene

Concen: 83.526 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX001187.D

Acq: 27 Apr 2018 23:17

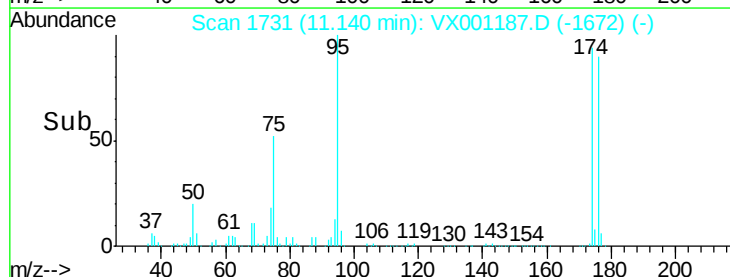
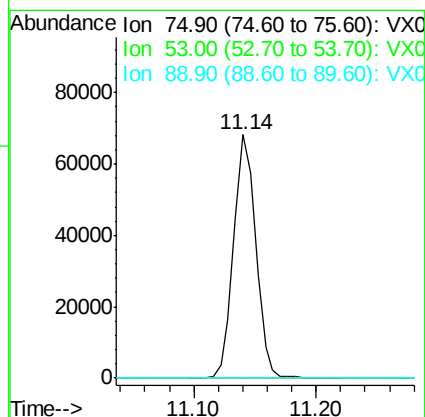
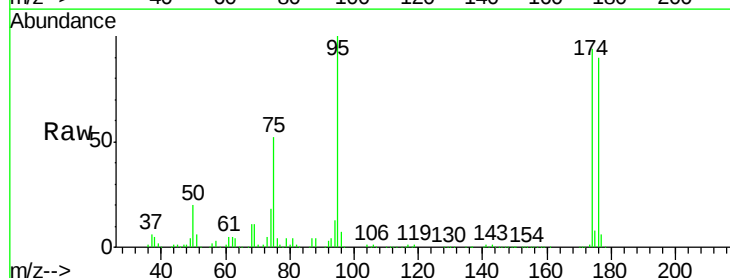
Tgt Ion: 75 Resp: 84932

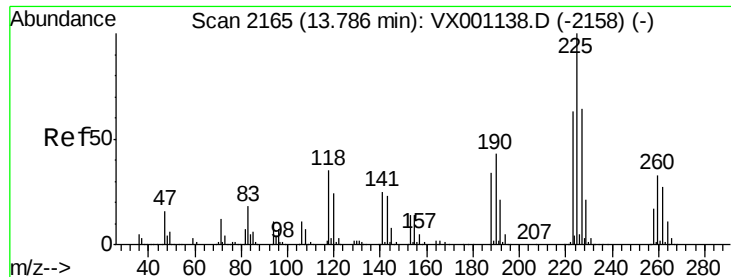
Ion Ratio Lower Upper

75 100

53 0.0 87.9 131.9#

89 0.0 37.7 56.5#





#94

Hexachlorobutadiene

Concen: 0.330 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VX001187.D

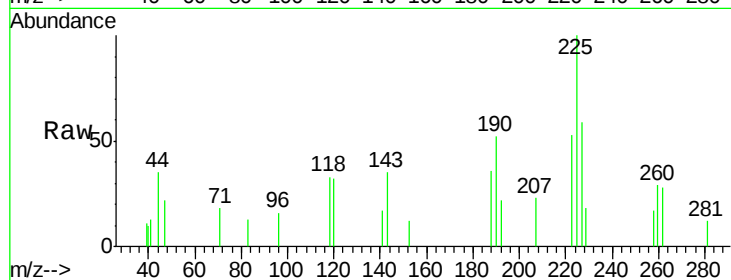
Acq: 27 Apr 2018 23:17

Instrument :

MSVOA_X

ClientSampleId :

VX0427WBL02



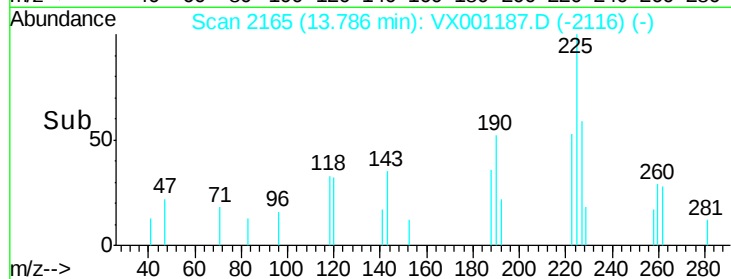
Tgt Ion: 225 Resp: 647

Ion Ratio Lower Upper

225 100

223 55.6 31.3 93.9

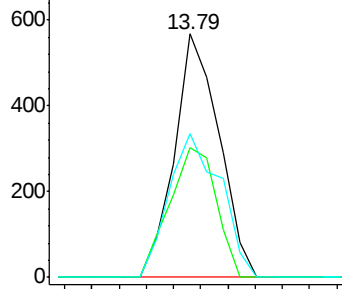
227 67.9 32.2 96.6



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



Time-->