

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062018\
 Data File : VX002740.D
 Acq On : 20 Jun 2018 14:34
 Operator : JC/MD
 Sample : J3596-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 21 03:57:32 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	202709	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	284234	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	258729	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	142261	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	136404	44.28	ug/l	0.00
Spiked Amount			Recovery	=	88.56%	
35) Dibromofluoromethane	5.51	113	109352	48.21	ug/l	0.00
Spiked Amount			Recovery	=	96.42%	
50) Toluene-d8	8.72	98	399801	46.42	ug/l	0.00
Spiked Amount			Recovery	=	92.84%	
62) 4-Bromofluorobenzene	11.14	95	136136	41.71	ug/l	0.00
Spiked Amount			Recovery	=	83.42%	

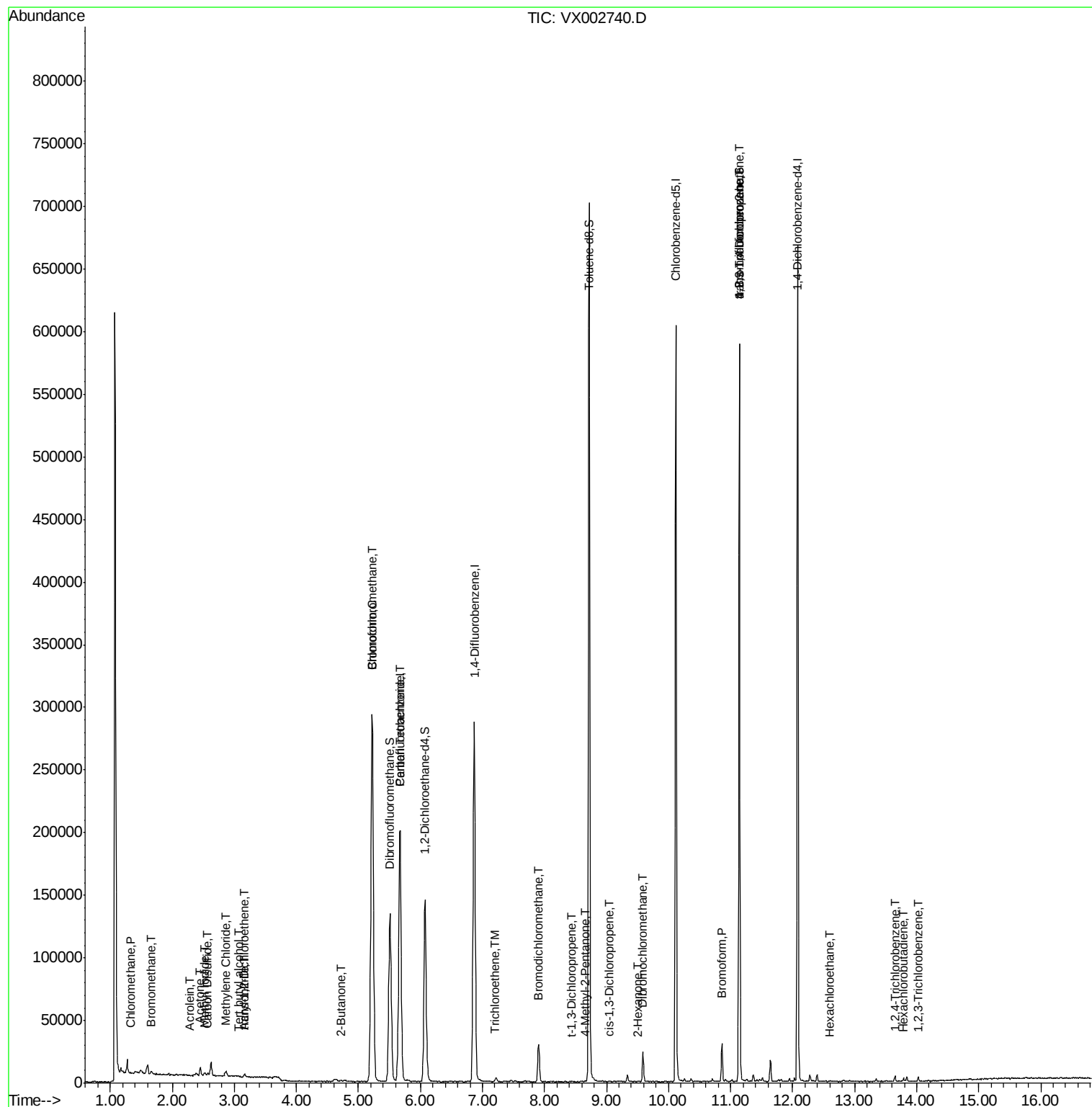
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	936	0.37	ug/l	91
5) Bromomethane	1.65	94	1737	1.08	ug/l	# 76
10) Methyl Iodide	2.52	142	3008	6.01	ug/l	94
11) Tert butyl alcohol	3.07	59	442	0.69	ug/l	# 20
13) Acrolein	2.28	56	377	8.09	ug/l	# 76
15) Acrylonitrile	3.16	53	663	0.48	ug/l	# 81
16) Acetone	2.45	43	6862	5.05	ug/l	96
17) Carbon Disulfide	2.57	76	2173	0.40	ug/l	97
20) Methylene Chloride	2.86	84	1895	0.68	ug/l	# 88
21) trans-1,2-Dichloroethene	3.17	96	581	0.24	ug/l	# 74
25) 2-Butanone	4.71	43	1665	0.93	ug/l	# 83
28) Bromochloromethane	5.21	49	29347	14.19	ug/l	# 13
30) Chloroform	5.22	83	339388	79.70	ug/l	99
38) Carbon Tetrachloride	5.67	117	18426	6.13	ug/l	# 16
44) Trichloroethene	7.21	130	1244	0.48	ug/l	77
47) Bromodichloromethane	7.90	83	17858	6.35	ug/l	92
51) 4-Methyl-2-Pentanone	8.65	43	947	0.26	ug/l	89
53) t-1,3-Dichloropropene	8.43	75	134	2.43	ug/l	# 43
54) cis-1,3-Dichloropropene	9.06	75	222	3.27	ug/l	# 43
59) 2-Hexanone	9.50	43	608	0.22	ug/l	76
60) Dibromochloromethane	9.59	129	9082	6.96	ug/l	96
71) Bromoform	10.86	173	11066	9.91	ug/l	# 97
76) 1,2,3-Trichloropropane	11.14	75	72767	27.11	ug/l	# 33
81) trans-1,4-Dichloro-2-buten	11.14	75	72767	83.66	ug/l	# 6
90) Hexachloroethane	12.60	117	45	2.66	ug/l	# 1
93) 1,2,4-Trichlorobenzene	13.65	180	1041	0.29	ug/l	100
94) Hexachlorobutadiene	13.79	225	466	0.25	ug/l	97
96) 1,2,3-Trichlorobenzene	14.03	180	789	0.22	ug/l	94

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

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ClientSampleId :

Quant Time: Jun 21 03:57:32 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: VX002740.D

Acq: 20 Jun 2018 14:34

Instrument :

MSVOA_X

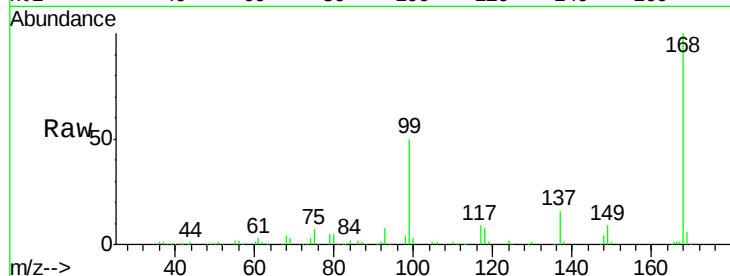
ClientSampleId :

Tot Ion:168 Resp: 202709

Ion Ratio Lower Upper

168 100

99 50.2 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

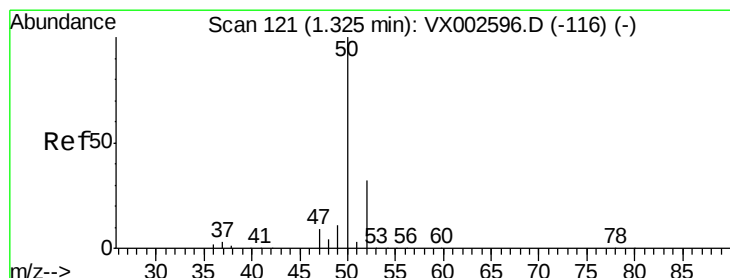
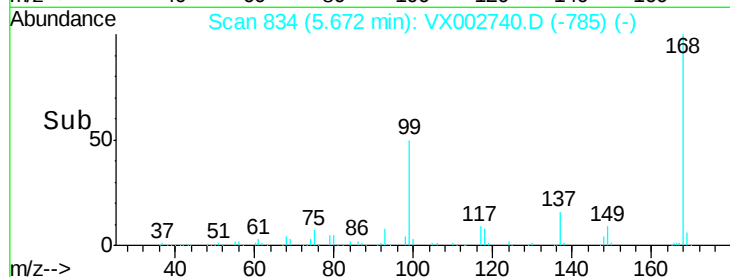
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.37 ug/l

RT: 1.33 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX002740.D

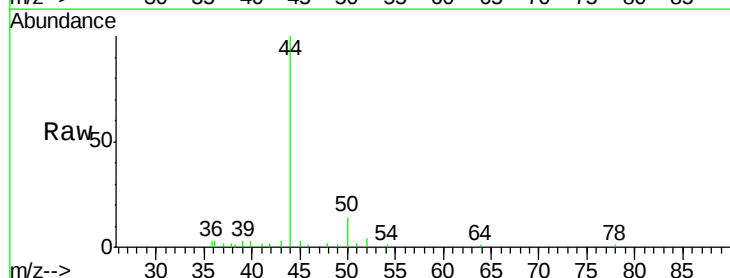
Acq: 20 Jun 2018 14:34

Tgt Ion: 50 Resp: 936

Ion Ratio Lower Upper

50 100

52 27.3 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

800

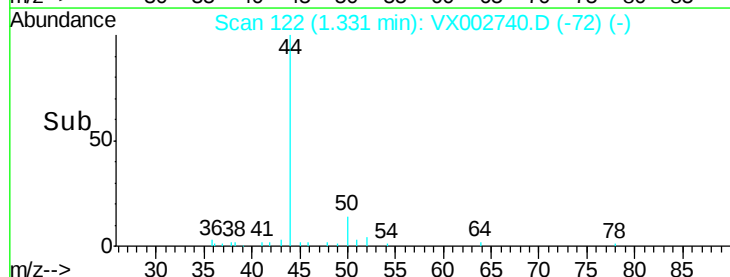
600

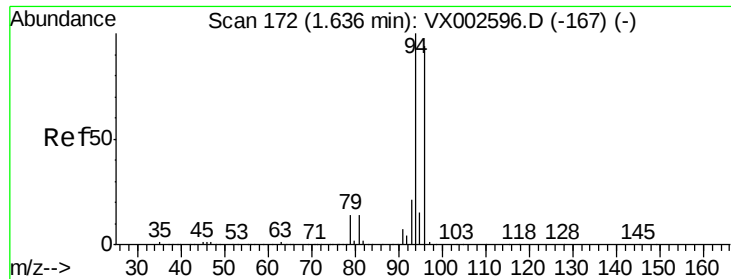
400

200

0

Time-->





#5

Bromomethane

Concen: 1.08 ug/l

RT: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX002740.D

Acq: 20 Jun 2018 14:34

Instrument :

MSVOA_X

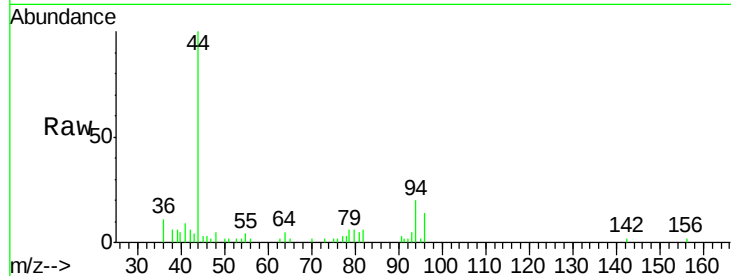
ClientSampleId :

Tot Ion: 94 Resp: 1737

Ion Ratio Lower Upper

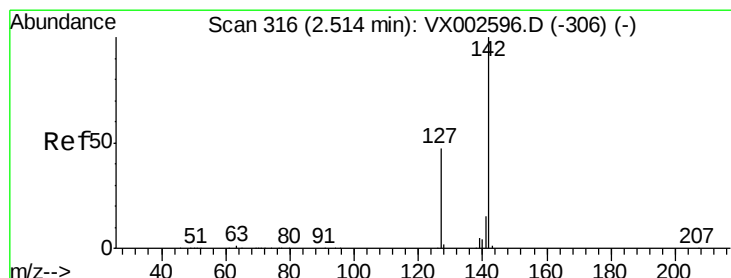
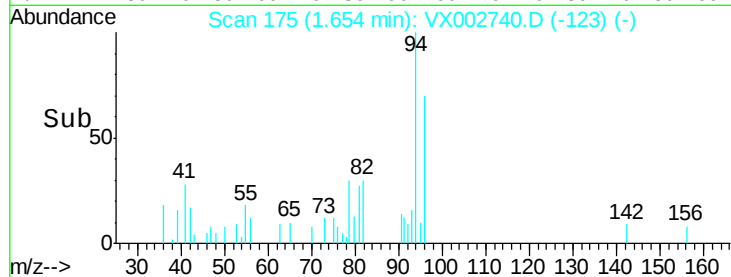
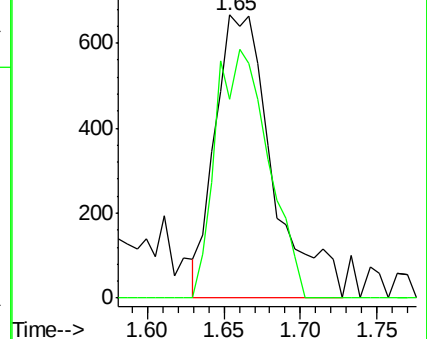
94 100

96 70.1 74.9 112.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#10

Methyl Iodide

Concen: 6.01 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX002740.D

Acq: 20 Jun 2018 14:34

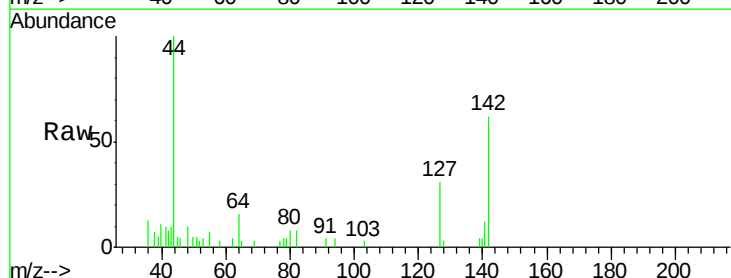
Tgt Ion:142 Resp: 3008

Ion Ratio Lower Upper

142 100

127 49.7 36.6 55.0

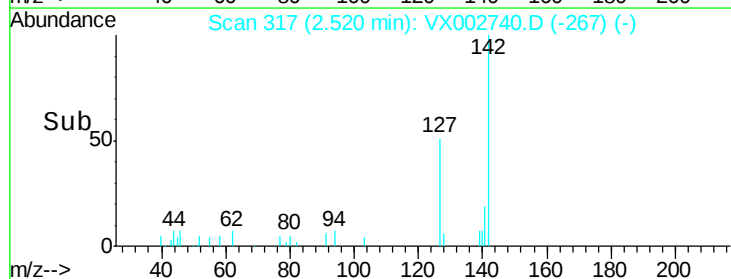
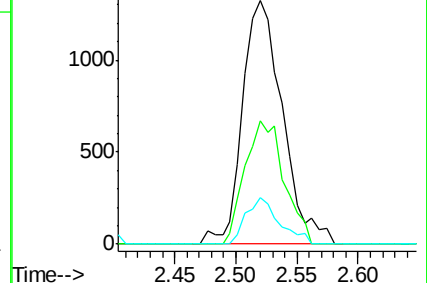
141 15.8 11.3 16.9

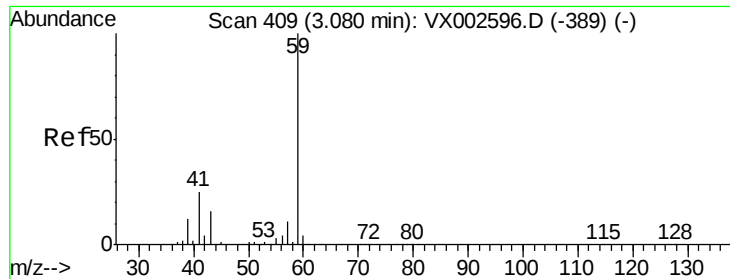


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



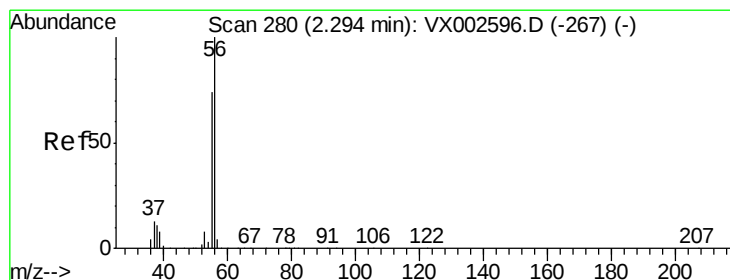
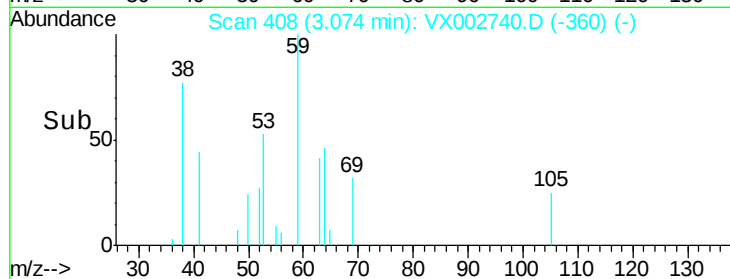
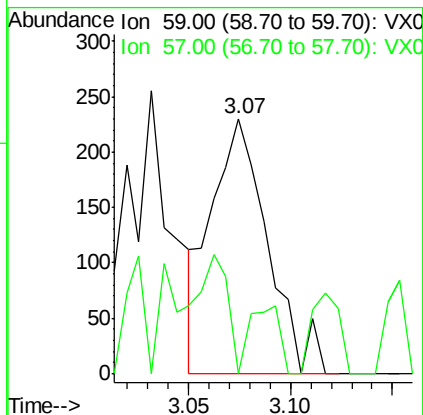
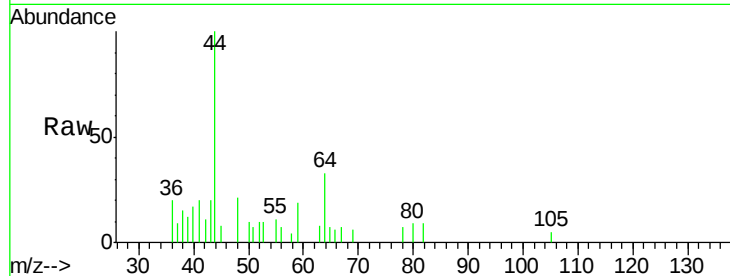


#11

Tert butyl alcohol
Concen: 0.69 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX002740.D
Acq: 20 Jun 2018 14:34

Instrument :
MSVOA_X
ClientSampled :

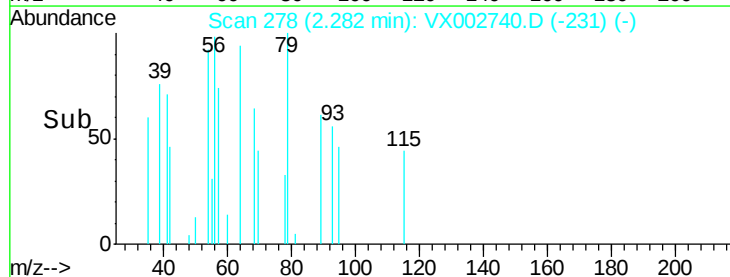
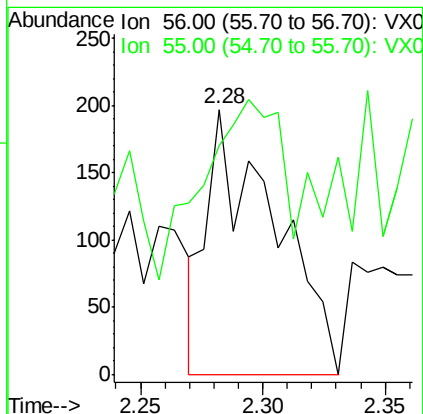
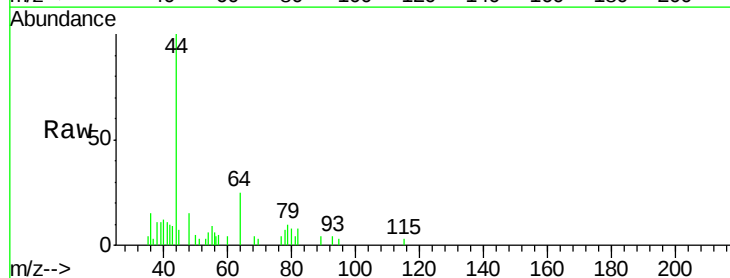
Tot Ion: 59 Resp: 442
Ion Ratio Lower Upper
59 100
57 40.0 8.2 12.2#

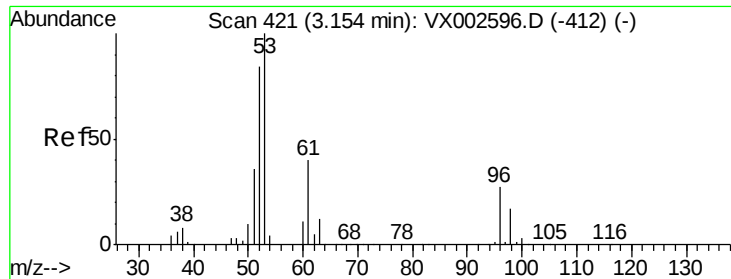


#13

Acrolein
Concen: 8.09 ug/l
RT: 2.28 min Scan# 278
Delta R.T. -0.01 min
Lab File: VX002740.D
Acq: 20 Jun 2018 14:34

Tgt Ion: 56 Resp: 377
Ion Ratio Lower Upper
56 100
55 90.7 57.0 85.4#





#15

Acrylonitrile

Concen: 0.48 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VX002740.D

Acq: 20 Jun 2018 14:34

Instrument :
MSVOA_X
ClientSampled :

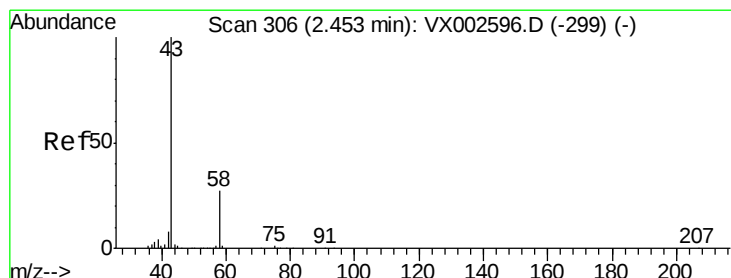
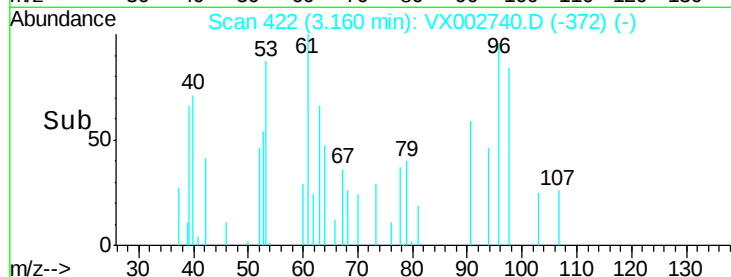
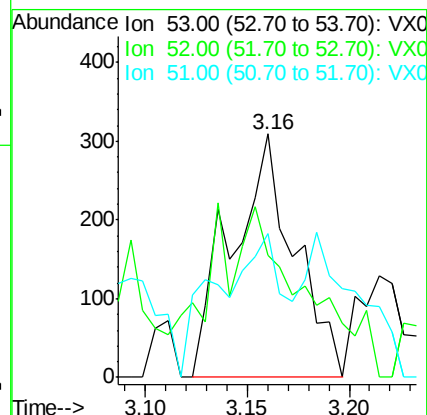
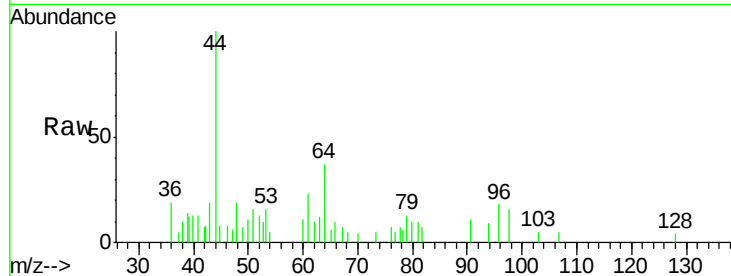
Tot Ion: 53 Resp: 663

Ion Ratio Lower Upper

53 100

52 71.6 66.7 100.1

51 17.8 29.9 44.9#



#16

Acetone

Concen: 5.05 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002740.D

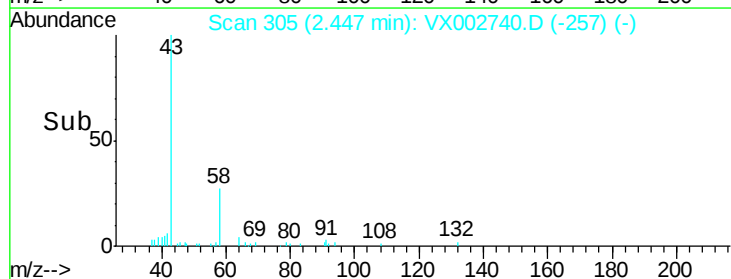
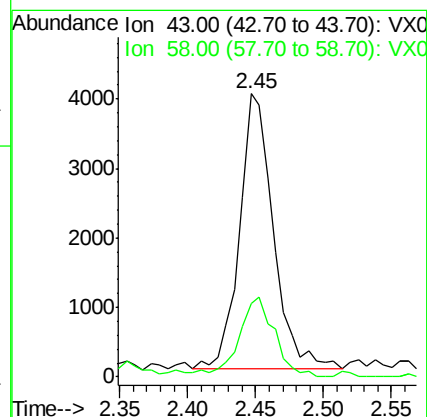
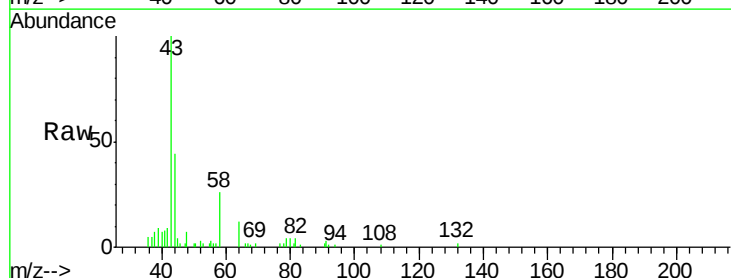
Acq: 20 Jun 2018 14:34

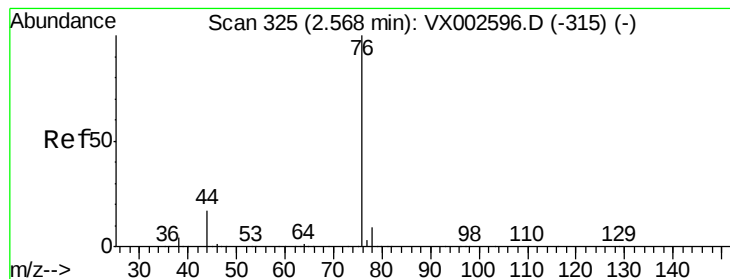
Tgt Ion: 43 Resp: 6862

Ion Ratio Lower Upper

43 100

58 25.3 22.1 33.1





#17

Carbon Disulfide

Concen: 0.40 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX002740.D

Acq: 20 Jun 2018 14:34

Instrument :

MSVOA_X

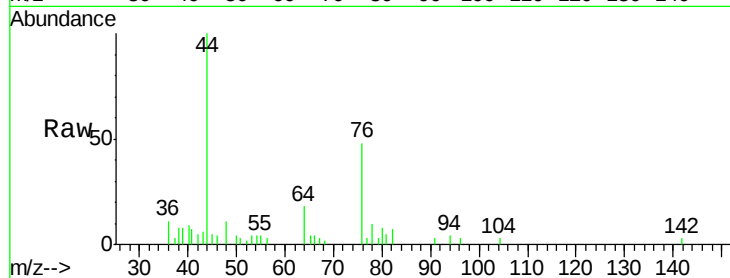
ClientSampleId :

Tot Ion: 76 Resp: 2173

Ion Ratio Lower Upper

76 100

78 9.8 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

1200

1000

800

600

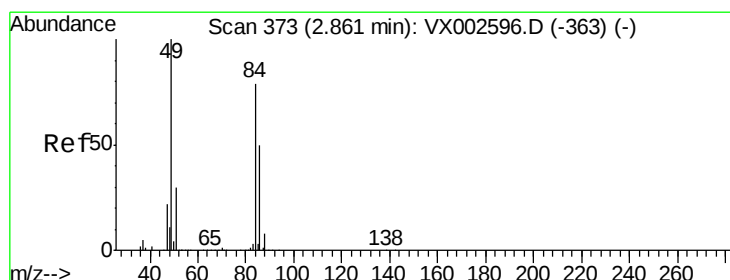
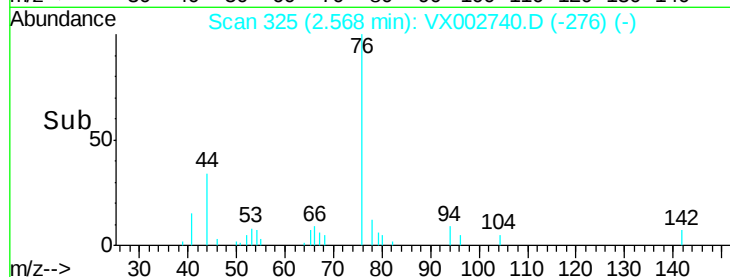
400

200

0

Time-->

2.50 2.55 2.60 2.65



#20

Methylene Chloride

Concen: 0.68 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX002740.D

Acq: 20 Jun 2018 14:34

Tgt Ion: 84 Resp: 1895

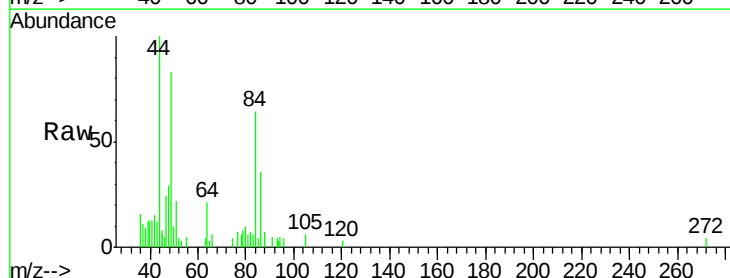
Ion Ratio Lower Upper

84 100

49 123.7 107.8 161.6

51 28.1 32.8 49.2#

86 56.2 52.5 78.7



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

2000

1500

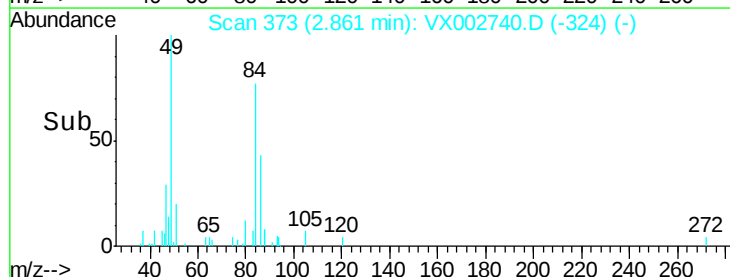
1000

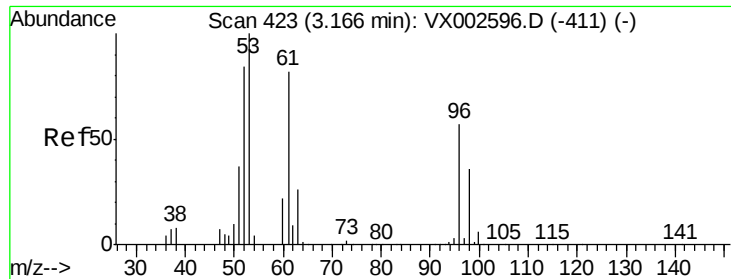
500

0

Time-->

2.80 2.85 2.90





#21

trans-1,2-Dichloroethene

Concen: 0.24 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002740.D

Acq: 20 Jun 2018 14:34

Instrument :
MSVOA_X
ClientSampled :

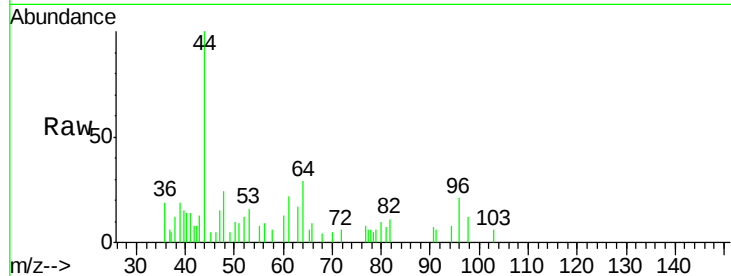
Tot Ion: 96 Resp: 581

Ion Ratio Lower Upper

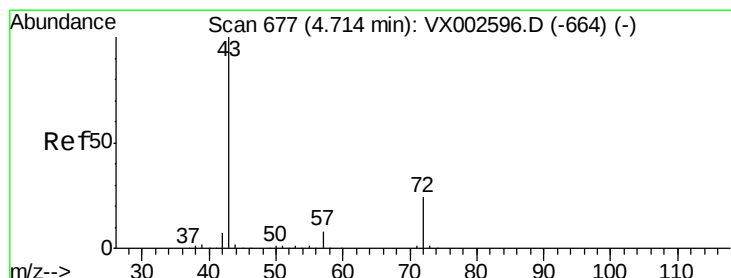
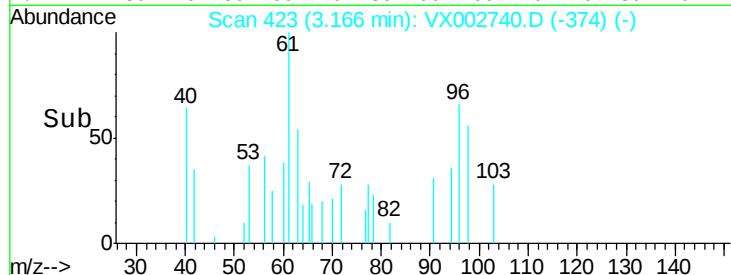
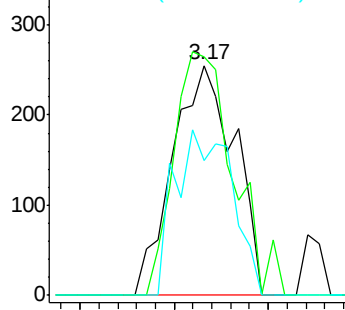
96 100

61 103.9 117.0 175.4#

98 58.4 52.4 78.6



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#25

2-Butanone

Concen: 0.93 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX002740.D

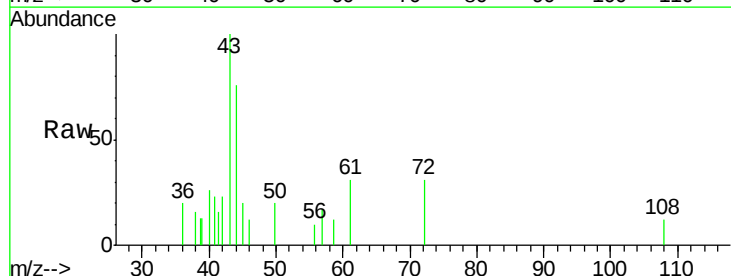
Acq: 20 Jun 2018 14:34

Tgt Ion: 43 Resp: 1665

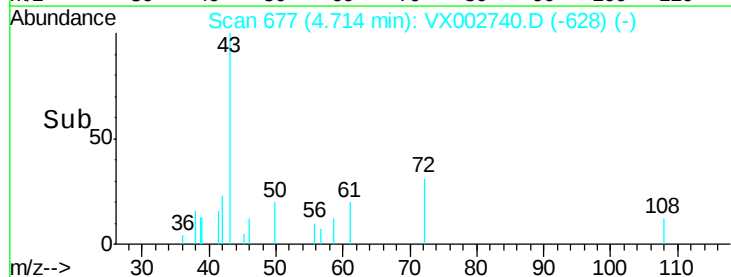
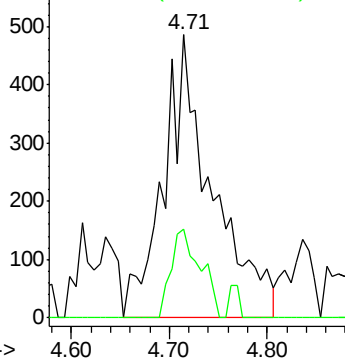
Ion Ratio Lower Upper

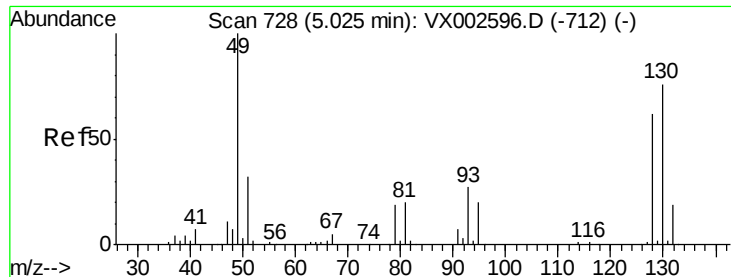
43 100

72 31.3 18.5 27.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0





#28

Bromochloromethane

Concen: 14.19 ug/l

RT: 5.21 min Scan# 759

Delta R.T. 0.19 min

Lab File: VX002740.D

Acq: 20 Jun 2018 14:34

Instrument :

MSVOA_X

ClientSampleId :

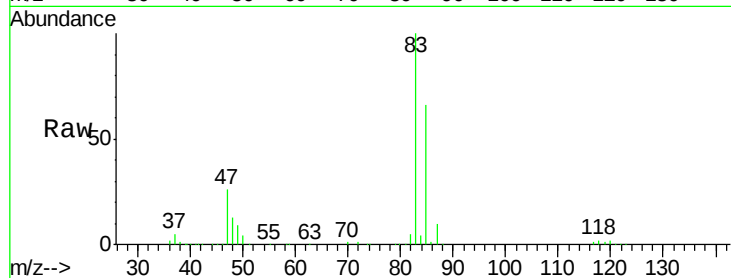
Tot Ion: 49 Resp: 29347

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.2

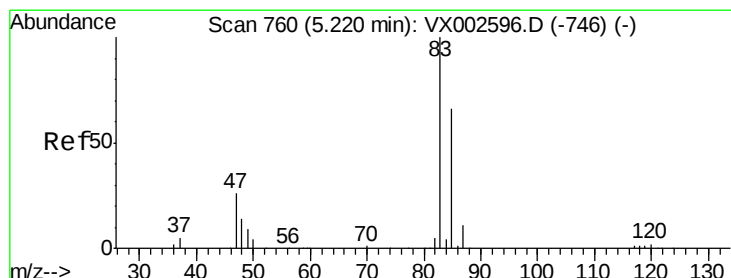
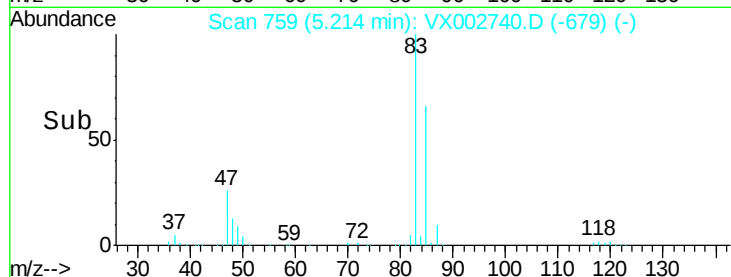
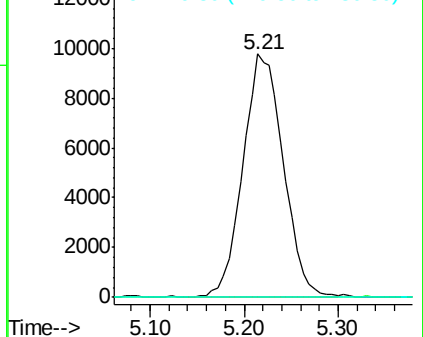
130 0.0 61.2 91.8#



Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#30

Chloroform

Concen: 79.70 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX002740.D

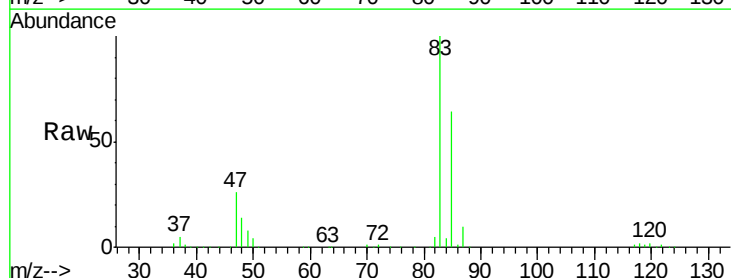
Acq: 20 Jun 2018 14:34

Tgt Ion: 83 Resp: 339388

Ion Ratio Lower Upper

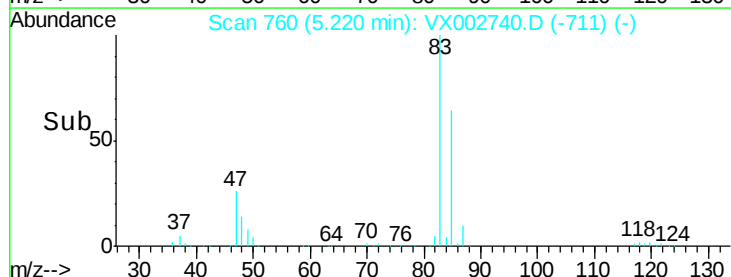
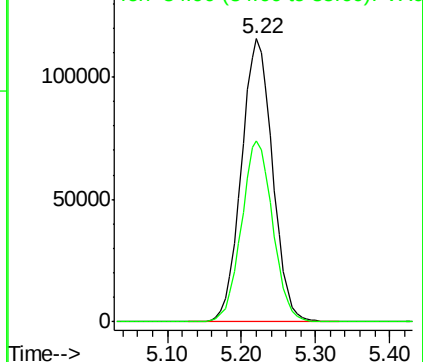
83 100

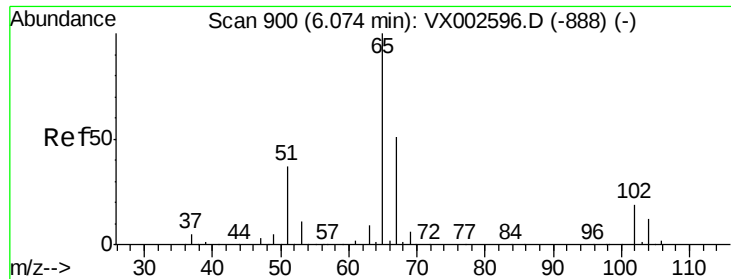
85 64.1 50.4 75.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 44.28 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002740.D

Acq: 20 Jun 2018 14:34

Instrument :

MSVOA_X

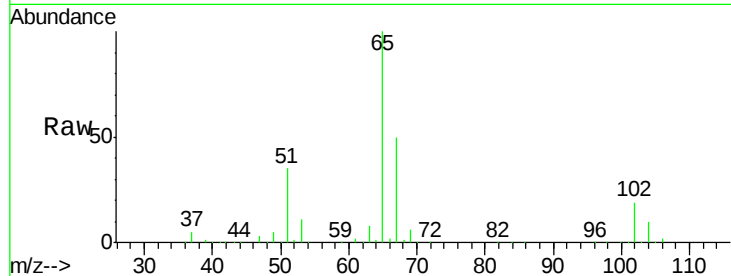
ClientSampled :

Tot Ion: 65 Resp: 136404

Ion Ratio Lower Upper

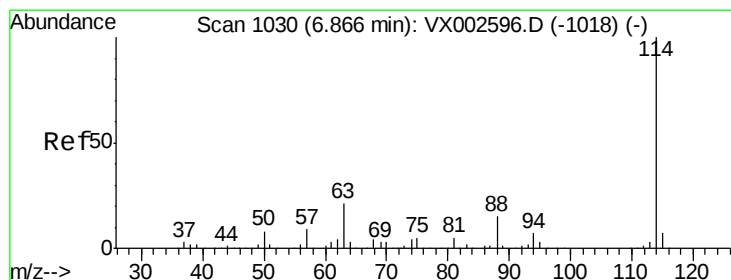
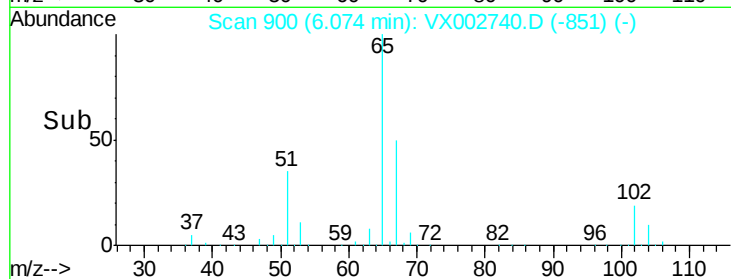
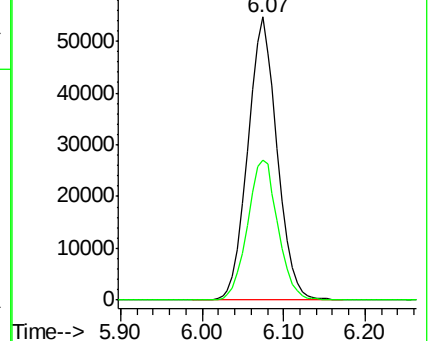
65 100

67 51.4 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: VX002740.D

Acq: 20 Jun 2018 14:34

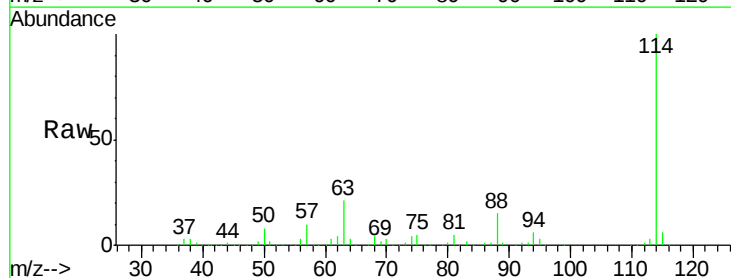
Tgt Ion: 114 Resp: 284234

Ion Ratio Lower Upper

114 100

63 20.7 0.0 41.4

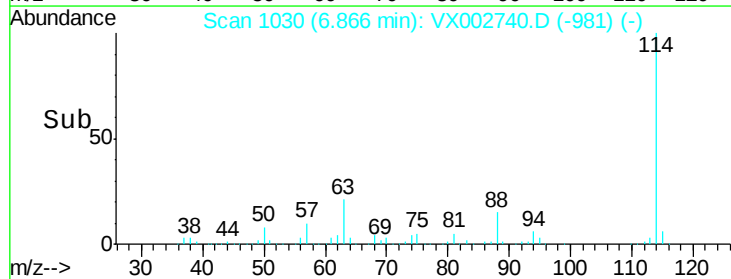
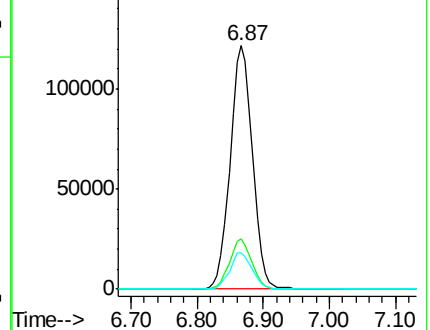
88 15.0 0.0 30.0

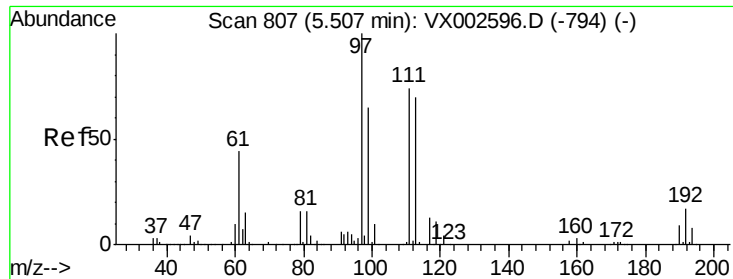


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.21 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX002740.D

Acq: 20 Jun 2018 14:34

Instrument :

MSVOA_X

ClientSampled :

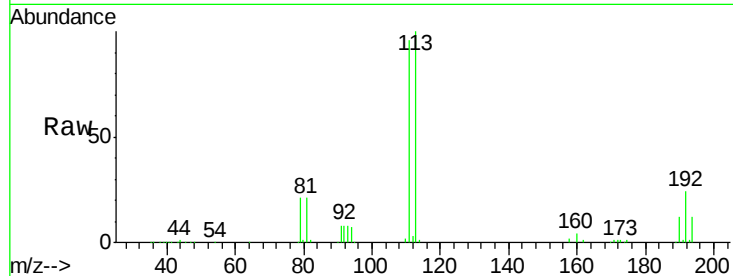
Tot Ion:113 Resp: 109352

Ion Ratio Lower Upper

113 100

111 100.7 81.4 122.0

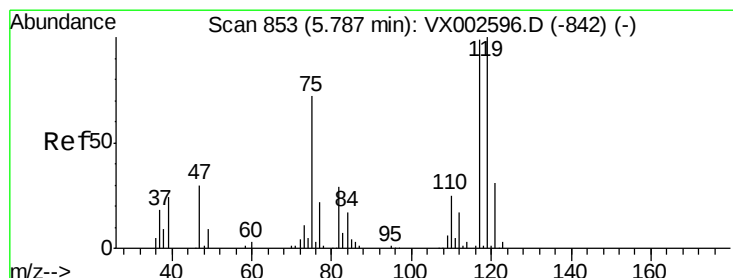
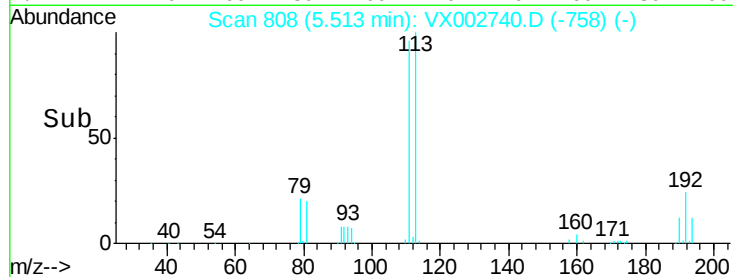
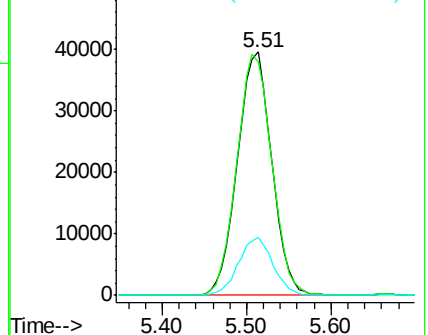
192 23.7 19.1 28.7



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



#38

Carbon Tetrachloride

Concen: 6.13 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.12 min

Lab File: VX002740.D

Acq: 20 Jun 2018 14:34

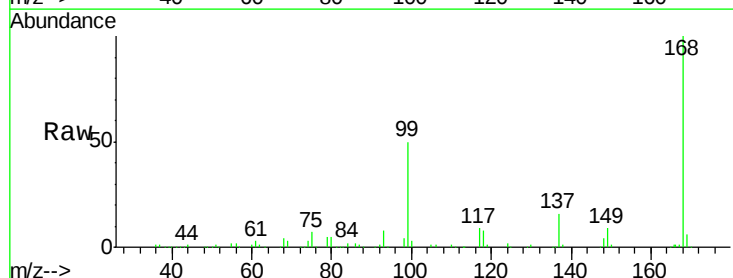
Tgt Ion:117 Resp: 18426

Ion Ratio Lower Upper

117 100

119 6.0 77.4 116.0#

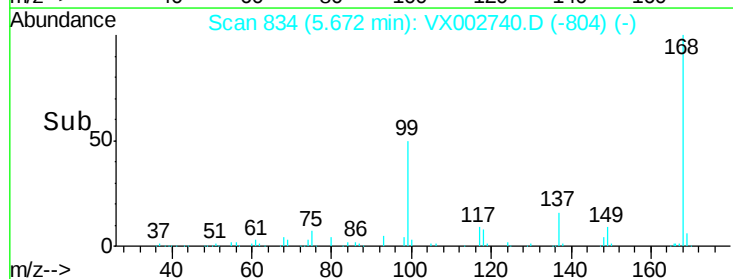
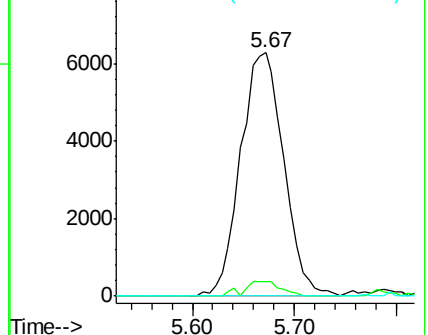
121 0.0 24.4 36.6#

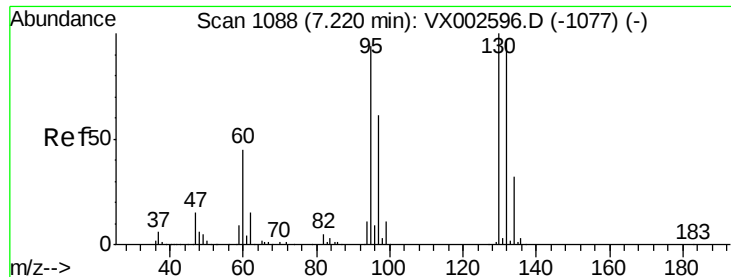


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#44

Trichloroethene

Concen: 0.48 ug/l

RT: 7.21 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX002740.D

Acq: 20 Jun 2018 14:34

Instrument :

MSVOA_X

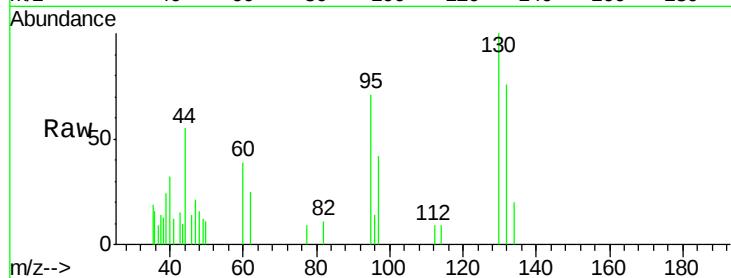
ClientSampleId :

Tot Ion:130 Resp: 1244

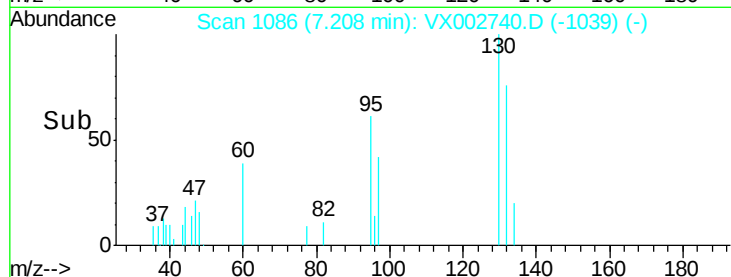
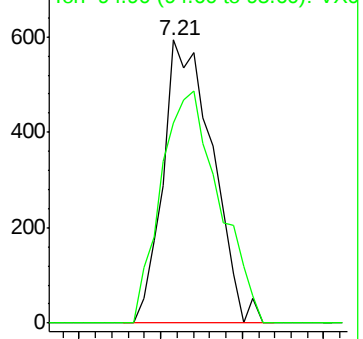
Ion Ratio Lower Upper

130 100

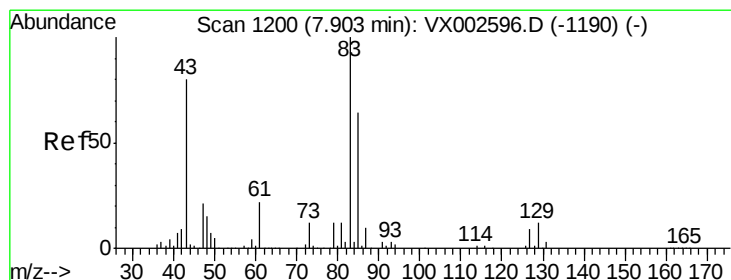
95 70.8 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V



Time-->



#47

Bromodichloromethane

Concen: 6.35 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX002740.D

Acq: 20 Jun 2018 14:34

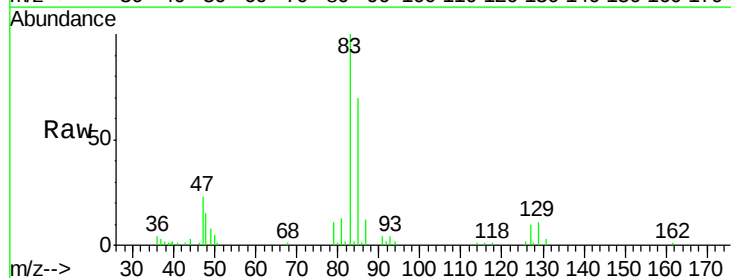
Tgt Ion: 83 Resp: 17858

Ion Ratio Lower Upper

83 100

85 69.8 50.3 75.5

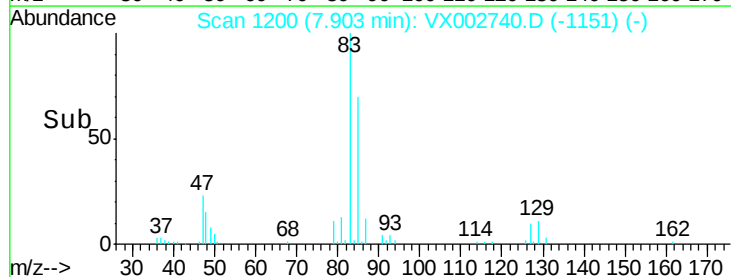
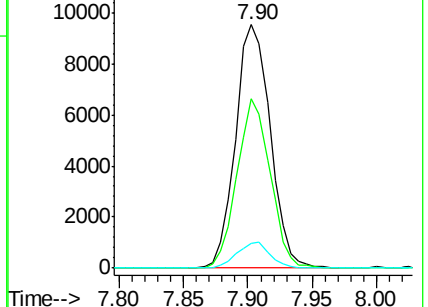
127 10.3 7.0 10.4

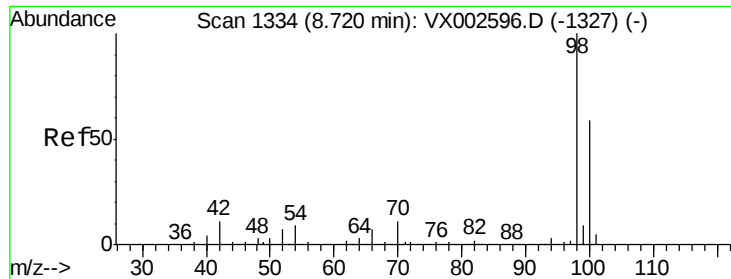


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V

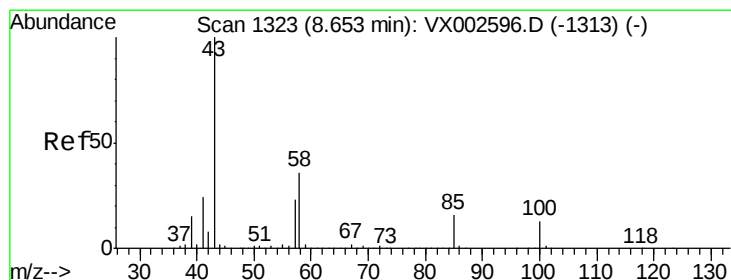
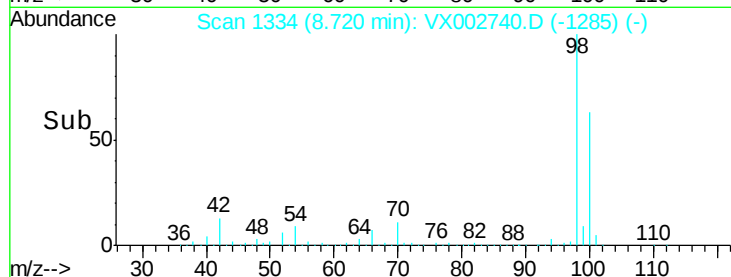
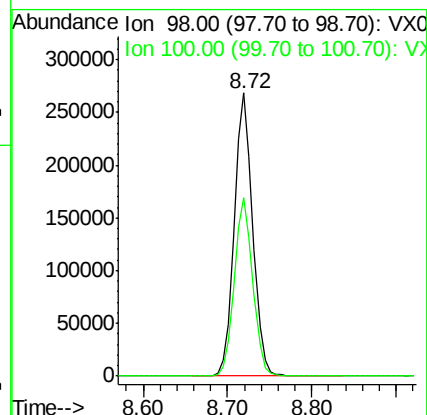
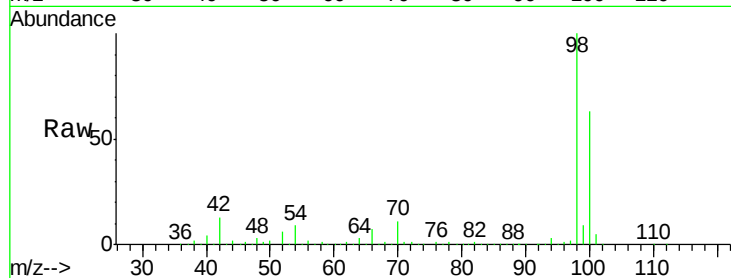




#50
Toluene-d8
Concen: 46.42 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002740.D
Acq: 20 Jun 2018 14:34

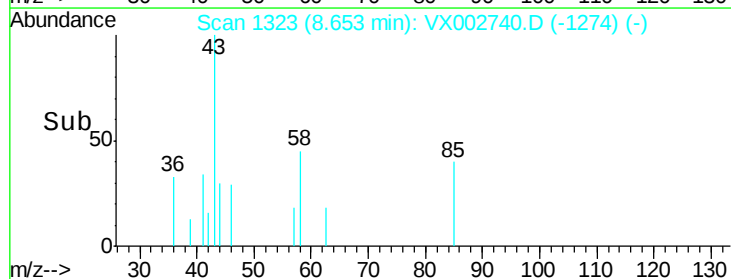
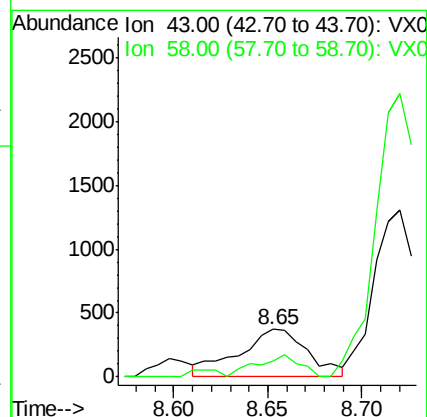
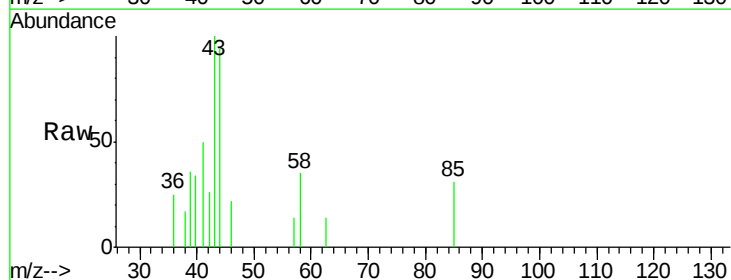
Instrument :
MSVOA_X
ClientSampled :

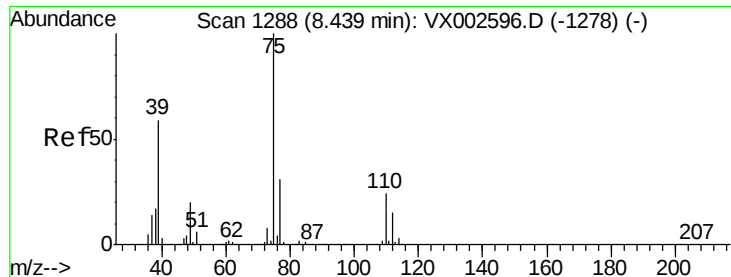
Tot Ion: 98 Resp: 399801
Ion Ratio Lower Upper
98 100
100 62.9 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.26 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. 0.00 min
Lab File: VX002740.D
Acq: 20 Jun 2018 14:34

Tgt Ion: 43 Resp: 947
Ion Ratio Lower Upper
43 100
58 29.5 28.6 42.8





#53

t-1,3-Dichloropropene

Concen: 2.43 ug/l

RT: 8.43 min Scan# 1286

Delta R.T. -0.01 min

Lab File: VX002740.D

Acq: 20 Jun 2018 14:34

Instrument :

MSVOA_X

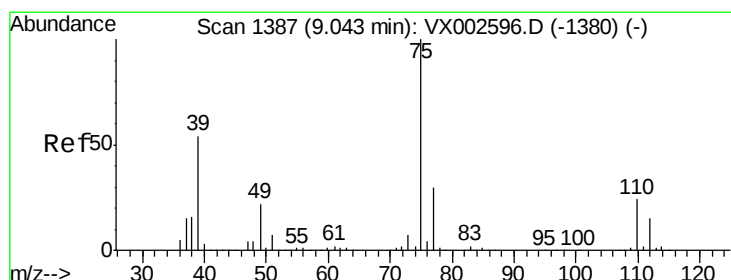
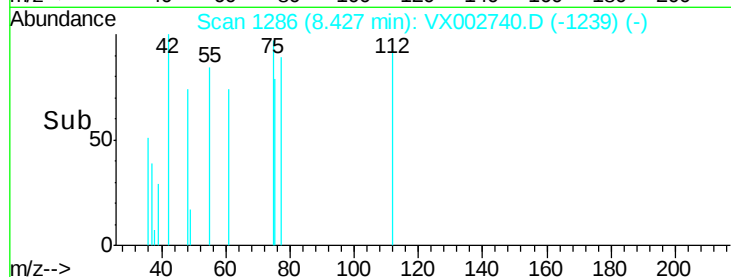
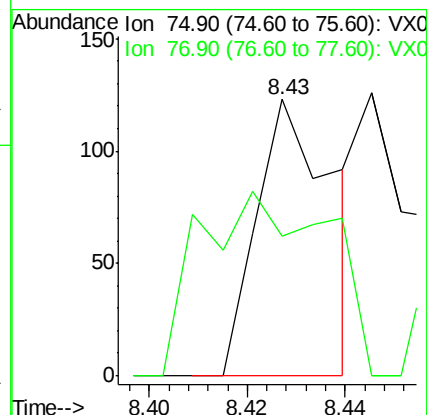
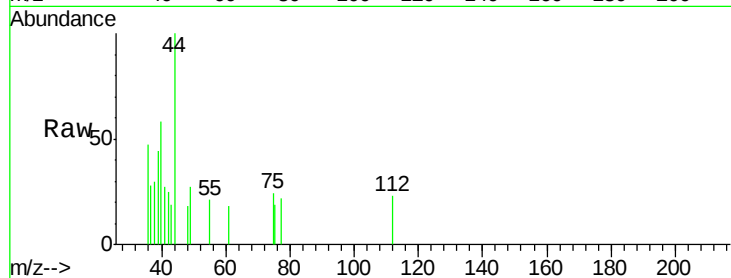
ClientSampled :

Tot Ion: 75 Resp: 134

Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.2#



#54

cis-1,3-Dichloropropene

Concen: 3.27 ug/l

RT: 9.06 min Scan# 1389

Delta R.T. 0.01 min

Lab File: VX002740.D

Acq: 20 Jun 2018 14:34

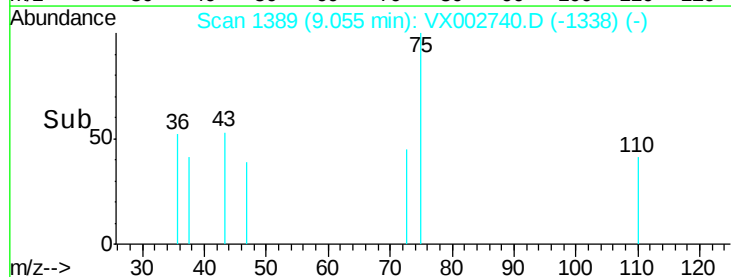
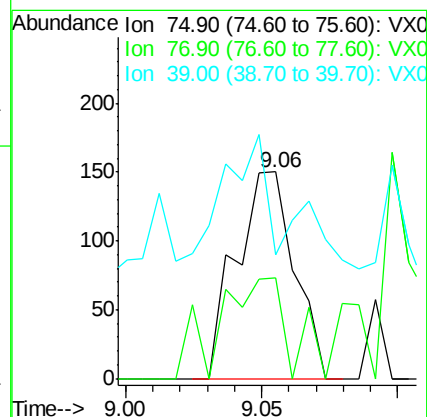
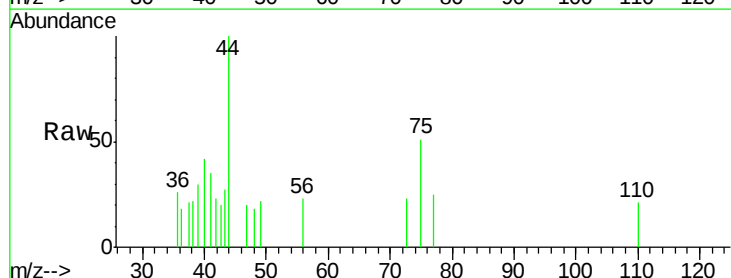
Tgt Ion: 75 Resp: 222

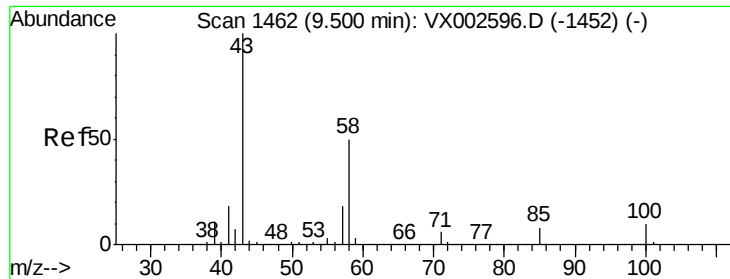
Ion Ratio Lower Upper

75 100

77 12.7 24.8 37.2#

39 2.7 42.4 63.6#

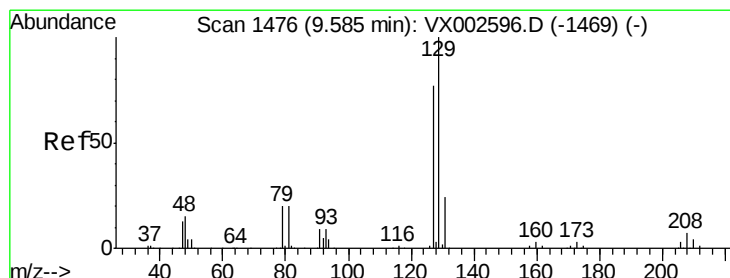
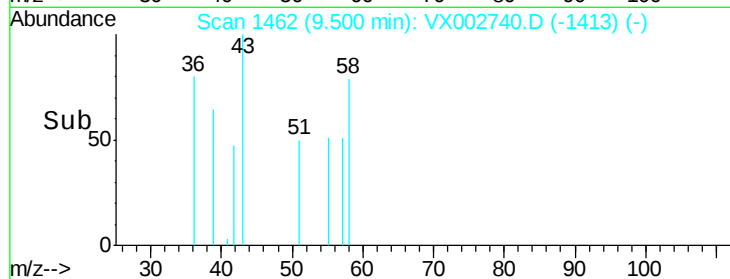
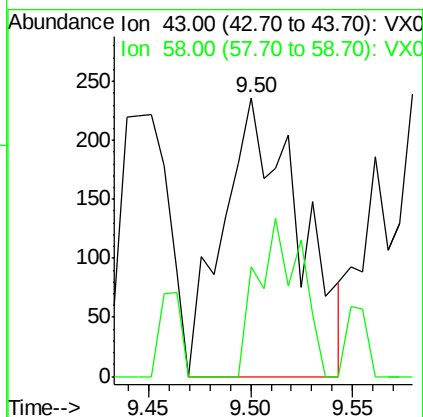
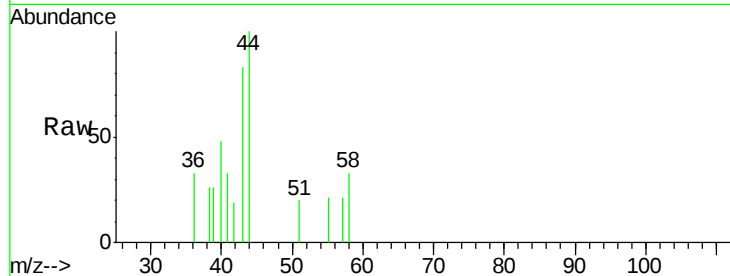




#59
2-Hexanone
Concen: 0.22 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX002740.D
Acq: 20 Jun 2018 14:34

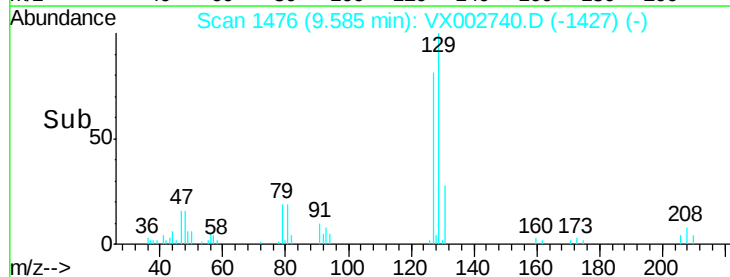
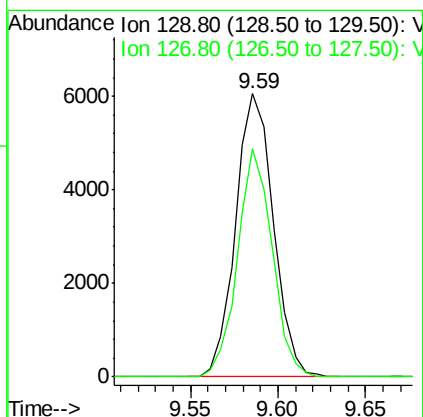
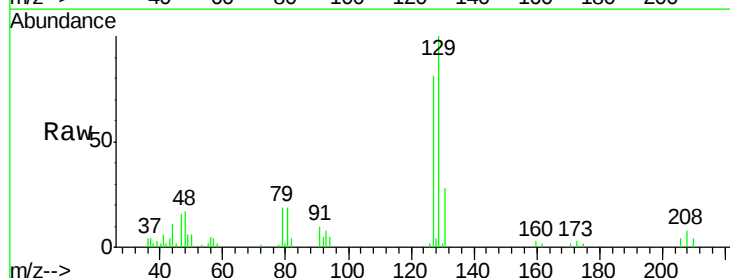
Instrument :
MSVOA_X
ClientSampleId :

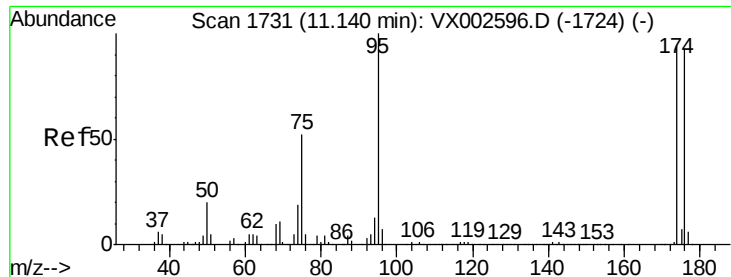
Tot Ion: 43 Resp: 608
Ion Ratio Lower Upper
43 100
58 32.9 24.6 73.6



#60
Dibromochloromethane
Concen: 6.96 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX002740.D
Acq: 20 Jun 2018 14:34

Tgt Ion: 129 Resp: 9082
Ion Ratio Lower Upper
129 100
127 73.8 38.5 115.3

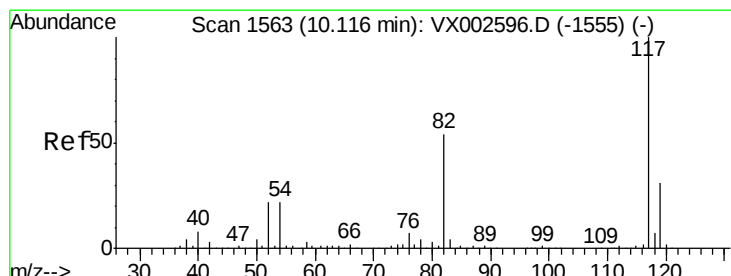
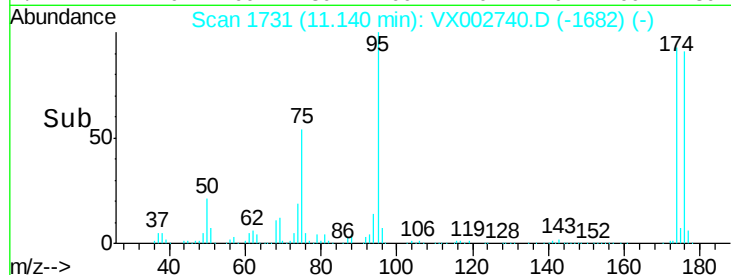
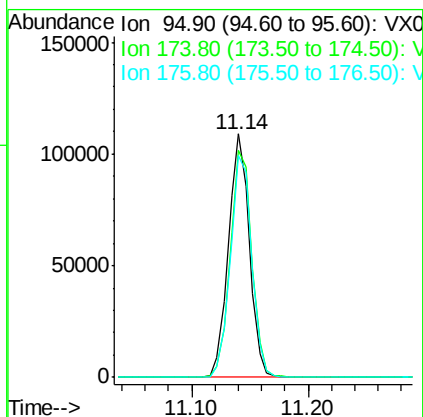
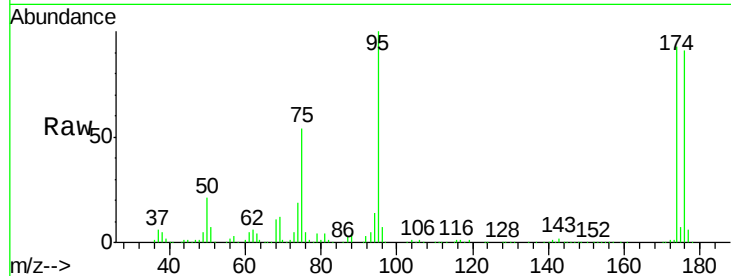




#62
4-Bromofluorobenzene
Concen: 41.71 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002740.D
Acq: 20 Jun 2018 14:34

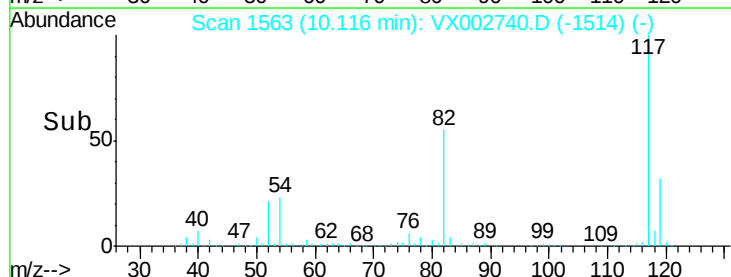
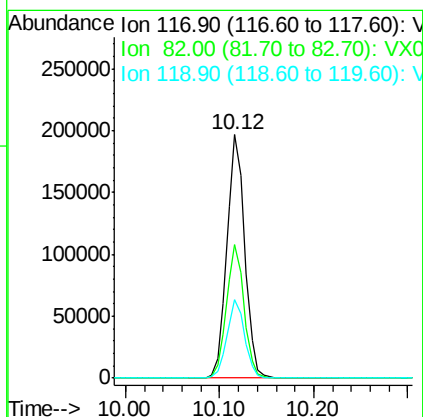
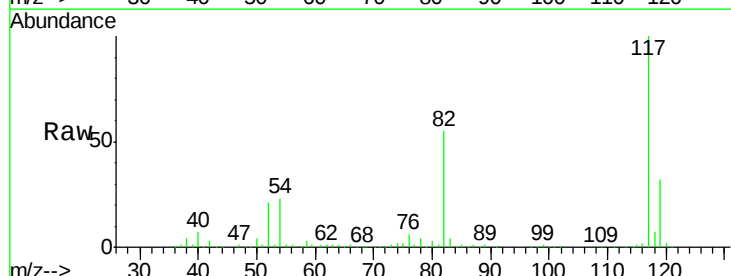
Instrument :
MSVOA_X
ClientSampleId :

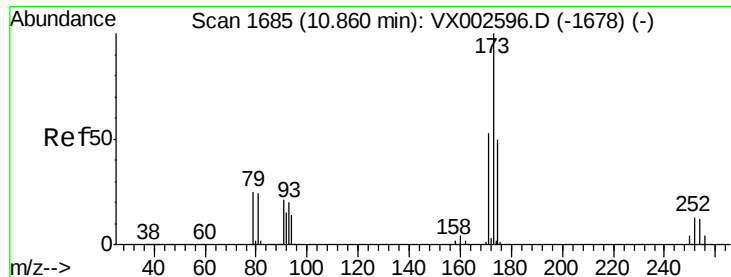
Tot Ion: 95 Resp: 136136
Ion Ratio Lower Upper
95 100
174 96.2 0.0 187.4
176 93.4 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002740.D
Acq: 20 Jun 2018 14:34

Tgt Ion: 117 Resp: 258729
Ion Ratio Lower Upper
117 100
82 54.7 45.0 67.4
119 32.3 25.8 38.6

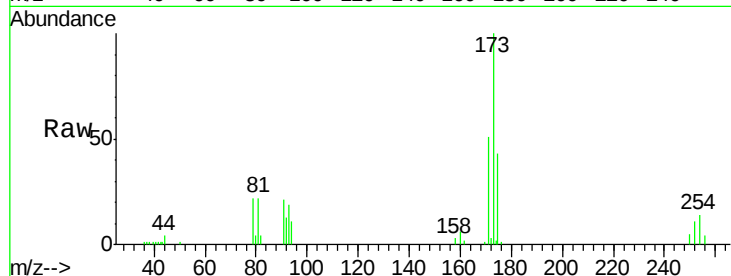




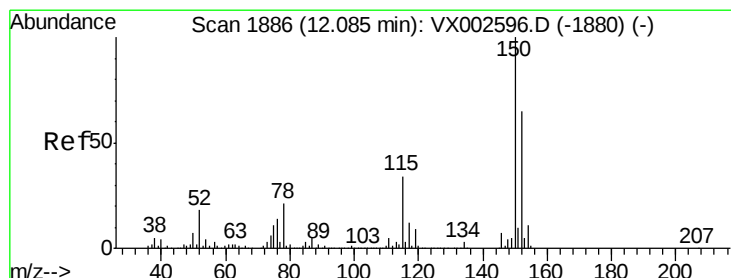
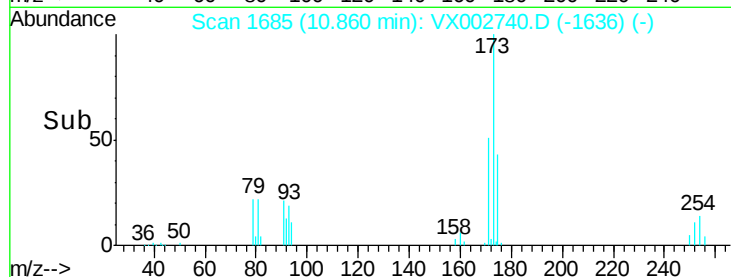
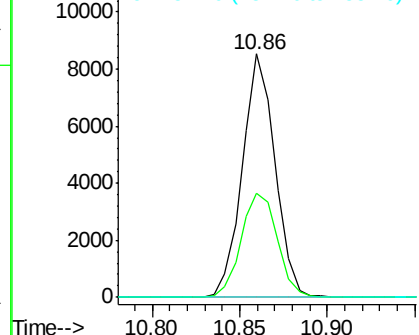
#71
Bromoform
Concen: 9.91 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002740.D
Acq: 20 Jun 2018 14:34

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:173 Resp: 11066
Ion Ratio Lower Upper
173 100
175 47.5 24.7 74.1
254 0.0 0.2 0.2#

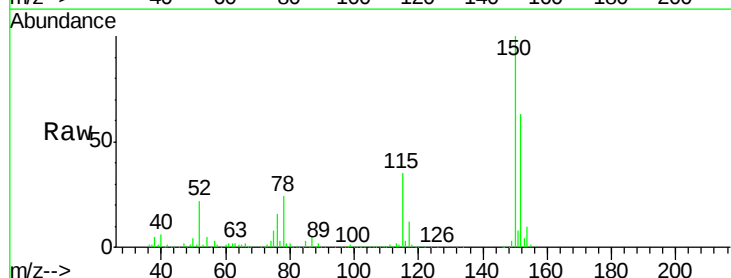


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

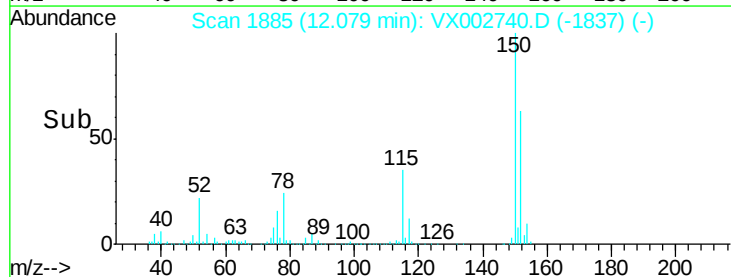
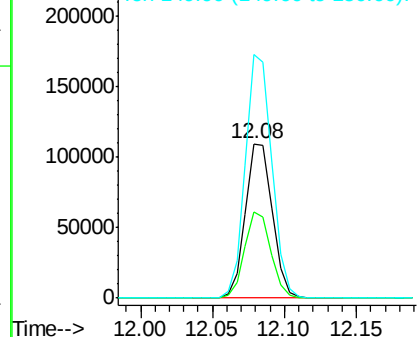


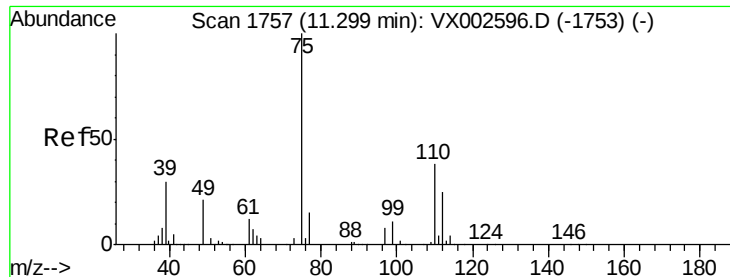
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX002740.D
Acq: 20 Jun 2018 14:34

Tgt Ion:152 Resp: 142261
Ion Ratio Lower Upper
152 100
115 54.2 40.1 120.2
150 155.1 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: 27.11 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX002740.D

Acq: 20 Jun 2018 14:34

Instrument :

MSVOA_X

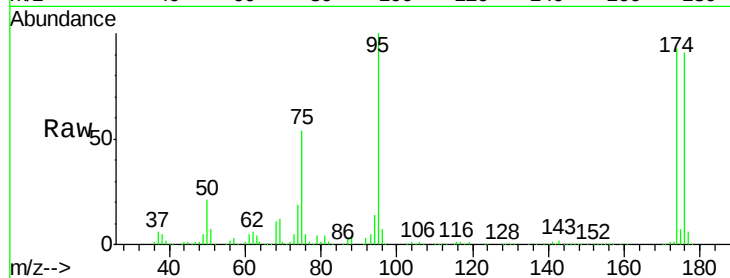
ClientSampleId :

Tot Ion: 75 Resp: 72767

Ion Ratio Lower Upper

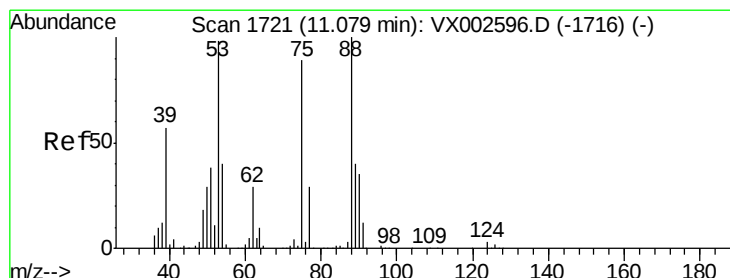
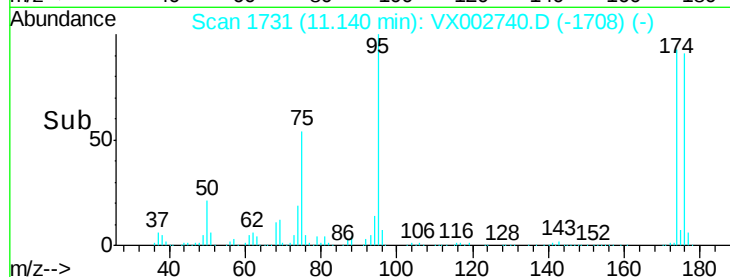
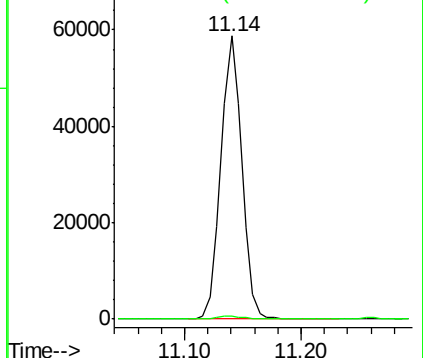
75 100

77 1.4 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: 83.66 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX002740.D

Acq: 20 Jun 2018 14:34

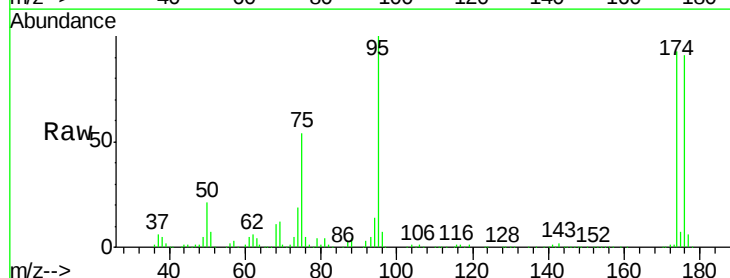
Tgt Ion: 75 Resp: 72767

Ion Ratio Lower Upper

75 100

53 0.0 86.8 130.2#

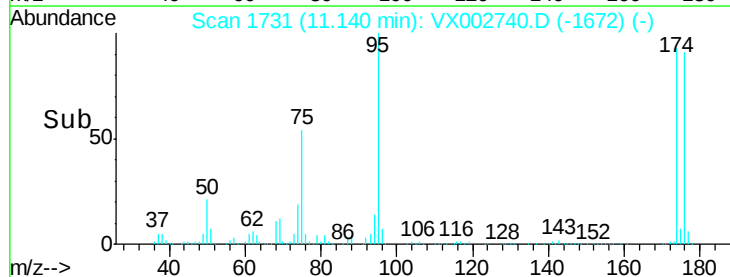
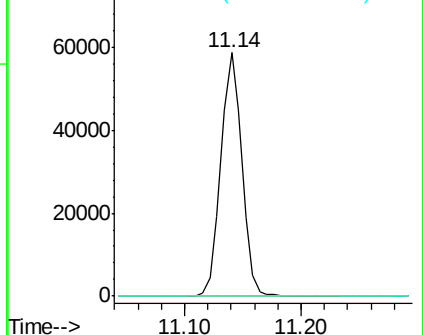
89 0.0 38.2 57.2#

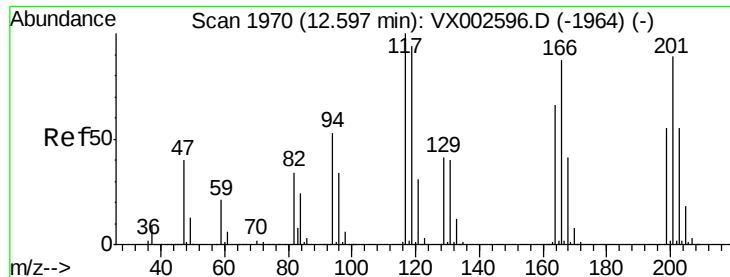


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

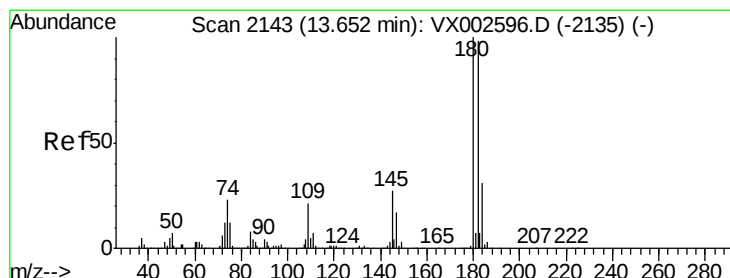
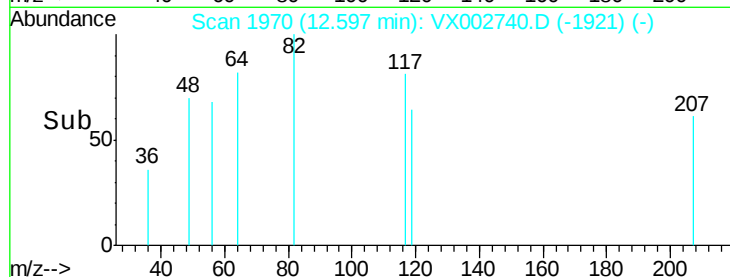
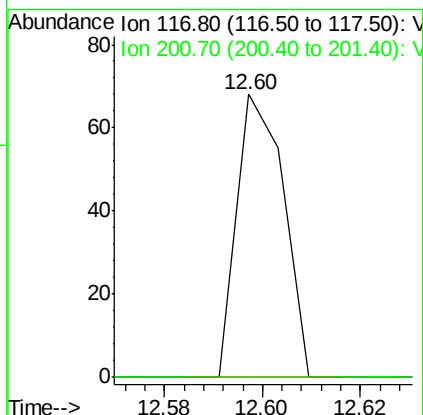
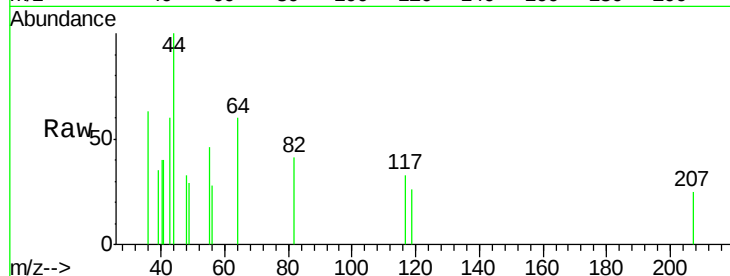




#90
Hexachloroethane
Concen: 2.66 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX002740.D
Acq: 20 Jun 2018 14:34

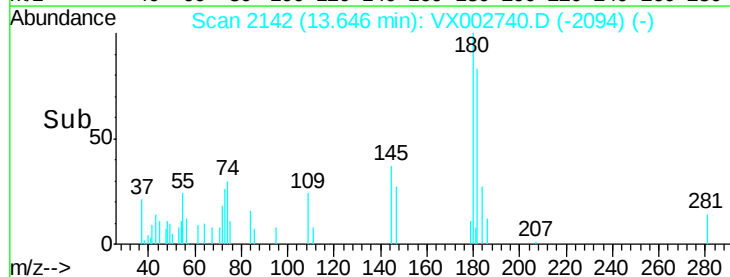
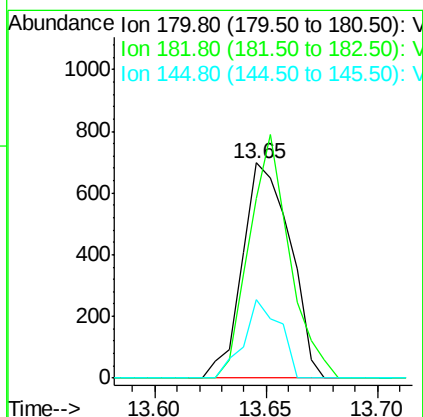
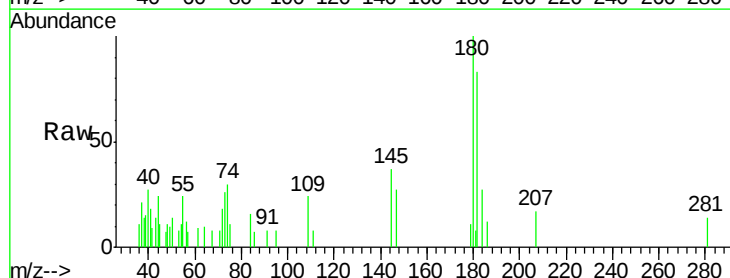
Instrument :
MSVOA_X
ClientSampleId :

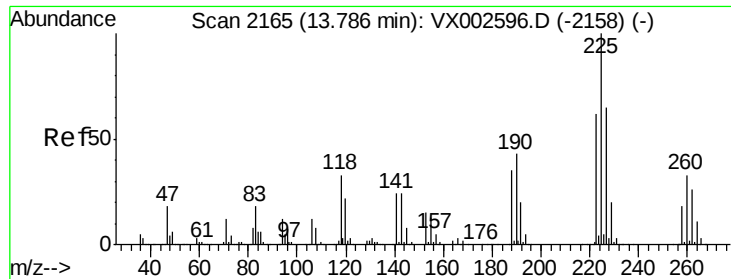
Tot Ion:117 Resp: 45
Ion Ratio Lower Upper
117 100
201 0.0 49.0 147.0#



#93
1,2,4-Trichlorobenzene
Concen: 0.29 ug/l
RT: 13.65 min Scan# 2142
Delta R.T. -0.01 min
Lab File: VX002740.D
Acq: 20 Jun 2018 14:34

Tgt Ion:180 Resp: 1041
Ion Ratio Lower Upper
180 100
182 95.7 47.7 143.1
145 27.7 14.1 42.4





#94

Hexachlorobutadiene

Concen: 0.25 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VX002740.D

Acq: 20 Jun 2018 14:34

Instrument :

MSVOA_X

ClientSampled :

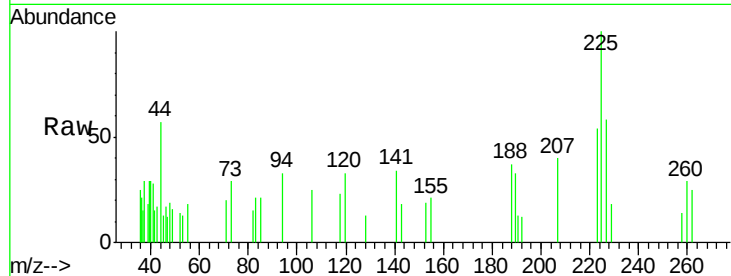
Tot Ion:225 Resp: 466

Ion Ratio Lower Upper

225 100

223 65.0 31.6 95.0

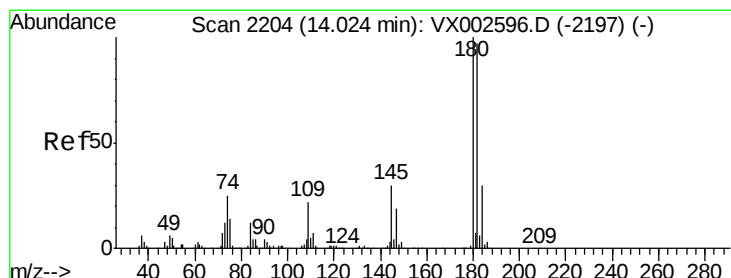
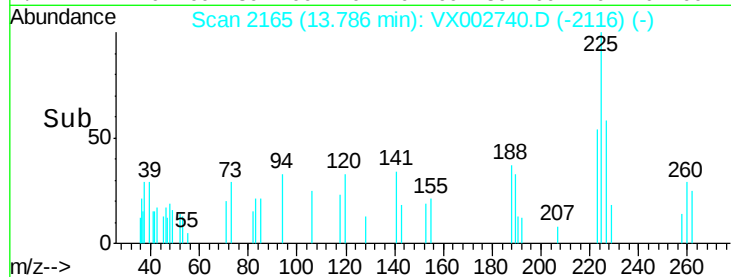
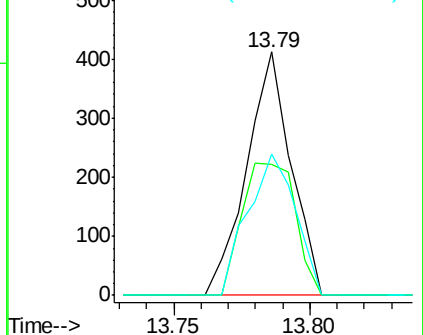
227 62.4 32.4 97.2



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



#96

1,2,3-Trichlorobenzene

Concen: 0.22 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.01 min

Lab File: VX002740.D

Acq: 20 Jun 2018 14:34

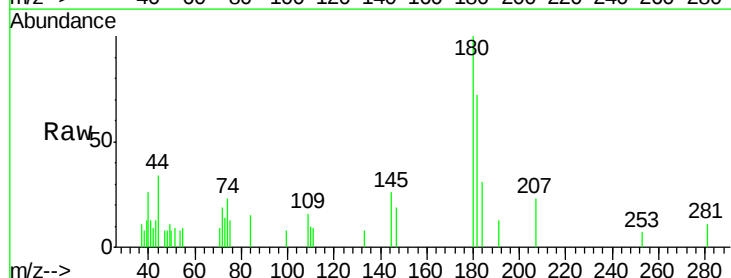
Tgt Ion:180 Resp: 789

Ion Ratio Lower Upper

180 100

182 95.9 48.0 144.0

145 42.1 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

