

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062018\
 Data File : VX002745.D
 Acq On : 20 Jun 2018 16:47
 Operator : JC/MD
 Sample : J3596-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 21 03:59:26 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	229580	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	326053	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	306496	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	179272	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	154163	44.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.38%	
35) Dibromofluoromethane	5.51	113	125445	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	
50) Toluene-d8	8.72	98	462695	46.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.66%	
62) 4-Bromofluorobenzene	11.14	95	168817	45.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.18%	

Target Compounds						Qvalue
3) Chloromethane	1.32	50	32234	11.12	ug/l #	46
5) Bromomethane	1.65	94	1285	0.71	ug/l #	79
10) Methyl Iodide	2.53	142	2508	5.79	ug/l #	96
11) Tert butyl alcohol	3.07	59	3490	4.84	ug/l #	79
13) Acrolein	2.30	56	84	7.11	ug/l #	1
15) Acrylonitrile	3.14	53	365	0.23	ug/l #	33
16) Acetone	2.45	43	104478	67.88	ug/l	98
17) Carbon Disulfide	2.57	76	23904	3.93	ug/l	96
18) Methyl Acetate	2.78	43	5837	1.42	ug/l #	90
25) 2-Butanone	4.71	43	30394	15.04	ug/l	100
31) Cyclohexane	5.58	56	1203	0.29	ug/l #	59
36) 1,1-Dichloropropene	5.67	75	15931	4.60	ug/l #	41
37) Ethyl Acetate	4.71	43	30394	7.75	ug/l #	70
38) Carbon Tetrachloride	5.67	117	20932	6.07	ug/l #	17
39) Methylcyclohexane	7.46	83	2782	0.69	ug/l #	87
40) Benzene	6.15	78	15809	1.52	ug/l	99
43) Isopropyl Acetate	6.48	43	1875	0.29	ug/l #	66
49) 1,4-Dioxane	7.79	88	22	0.35	ug/l #	22
51) 4-Methyl-2-Pentanone	8.65	43	19956	4.79	ug/l	97
53) t-1,3-Dichloropropene	8.43	75	92	2.41	ug/l #	11
54) cis-1,3-Dichloropropene	9.06	75	80	3.23	ug/l #	1
55) 1,1,2-Trichloroethane	9.16	97	2417	0.90	ug/l #	20
59) 2-Hexanone	9.50	43	6352	2.02	ug/l	89
60) Dibromochloromethane	9.34	129	132	3.80	ug/l #	11
67) Ethyl Benzene	10.26	91	6272	0.49	ug/l	98
68) m/p-Xylenes	10.37	106	1620	0.33	ug/l	77
69) o-Xylene	10.70	106	1784	0.37	ug/l	95
73) Isopropylbenzene	11.02	105	2775	0.23	ug/l	100
74) N-amyl acetate	6.48	43	1875	0.31	ug/l #	64
75) 1,1,2,2-Tetrachloroethane	11.27	83	1688	0.48	ug/l #	26
76) 1,2,3-Trichloropropane	11.14	75	89199	26.37	ug/l #	32
78) n-propylbenzene	11.37	91	2975	0.22	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.14	75	89199	81.50	ug/l #	7
84) 1,2,4-Trimethylbenzene	11.81	105	8852	0.86	ug/l	81

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Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:37:33 2018
Response via : Initial Calibration

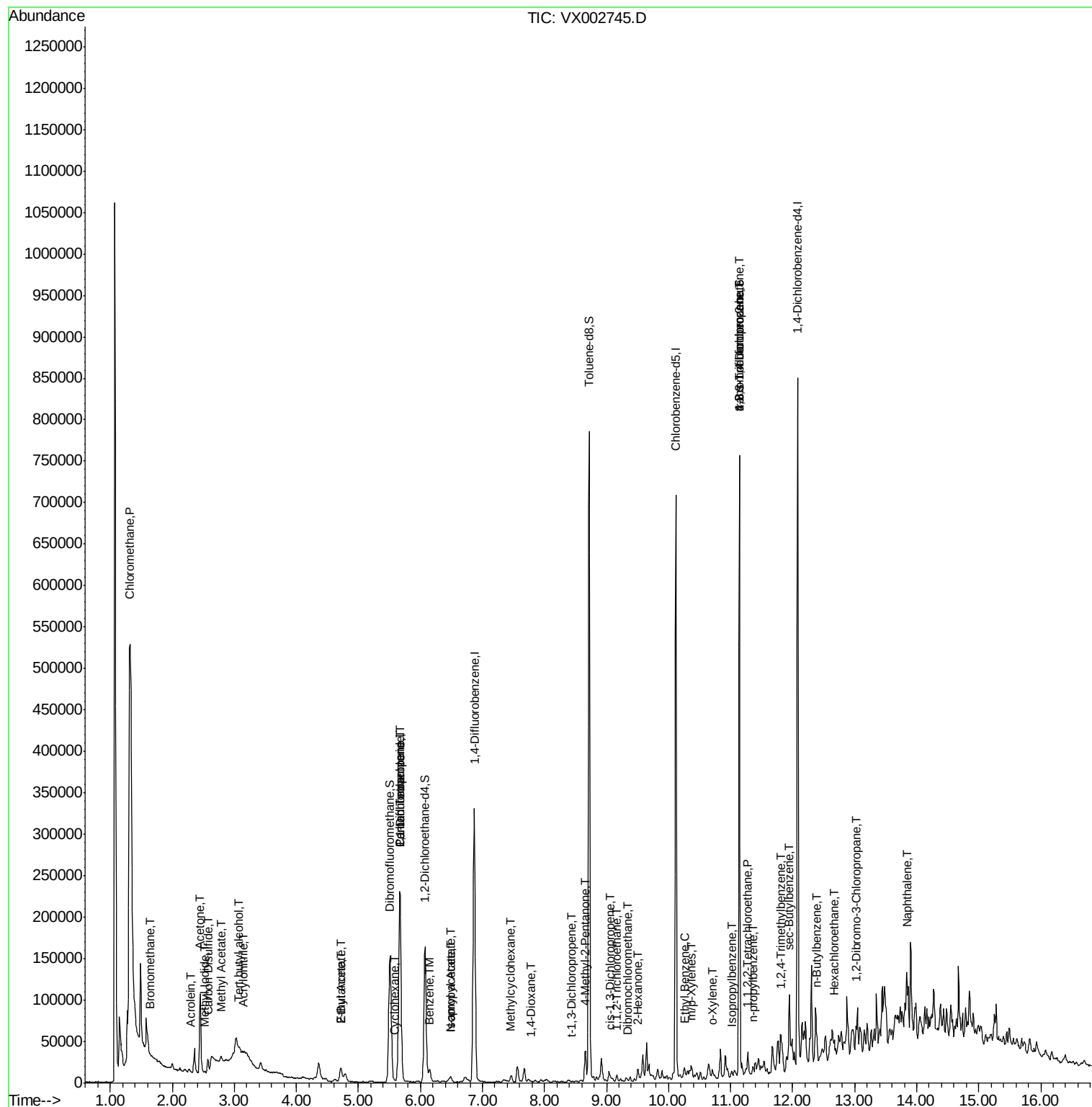
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	11.95	105	2454	0.20	ug/l #	69
89) n-Butylbenzene	12.39	91	3337	0.34	ug/l #	69
90) Hexachloroethane	12.67	117	999	3.18	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	13.02	75	182	0.25	ug/l #	29
95) Naphthalene	13.84	128	50968	4.23	ug/l #	94

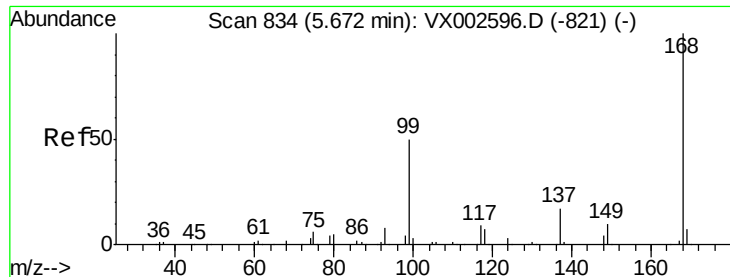
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062018\
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002745.D

Acq: 20 Jun 2018 16:47

Instrument :

MSVOA_X

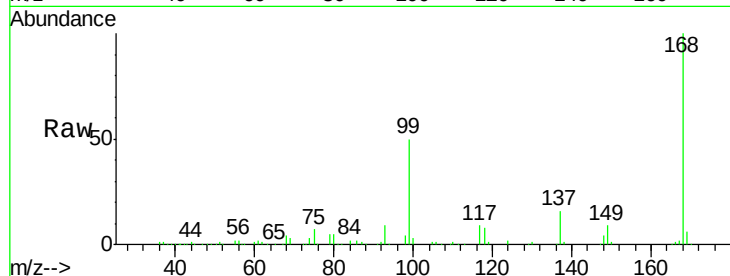
ClientSampled :

Tot Ion:168 Resp: 229580

Ion Ratio Lower Upper

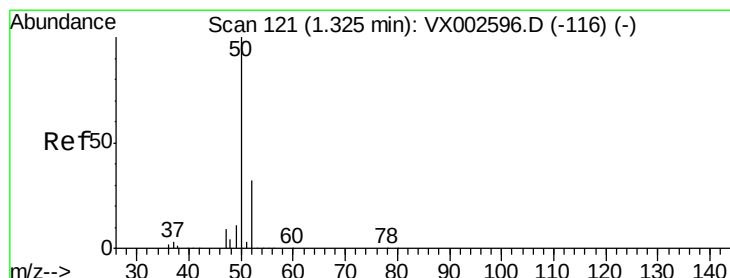
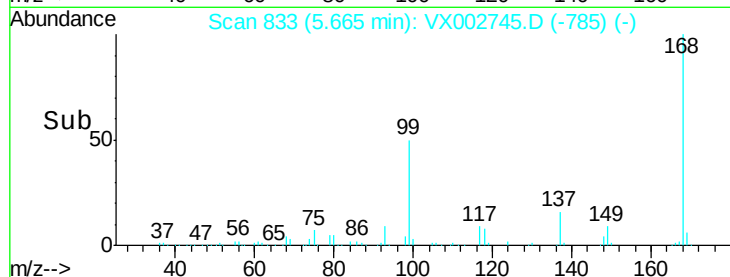
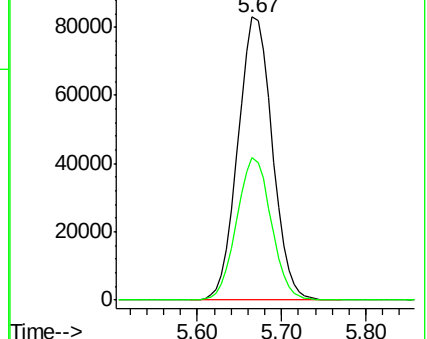
168 100

99 50.4 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 11.12 ug/l

RT: 1.32 min Scan# 120

Delta R.T. -0.01 min

Lab File: VX002745.D

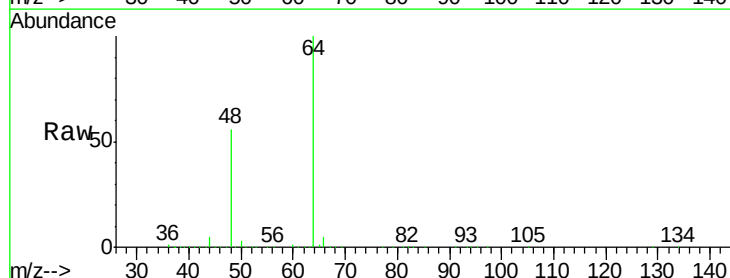
Acq: 20 Jun 2018 16:47

Tgt Ion: 50 Resp: 32234

Ion Ratio Lower Upper

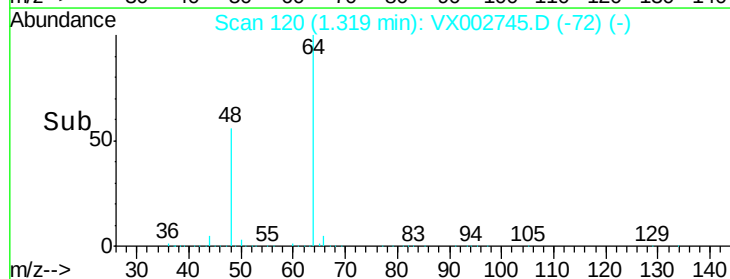
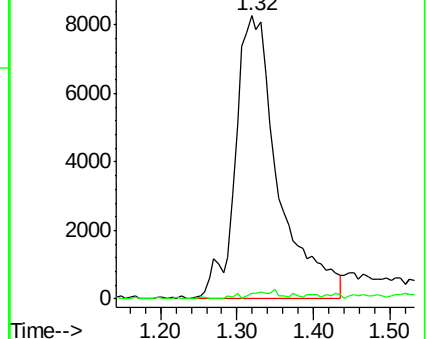
50 100

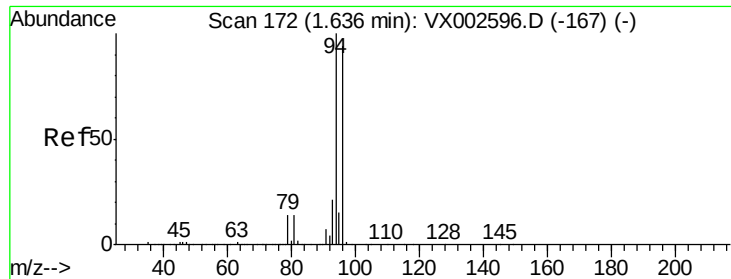
52 1.9 25.7 38.5#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: 0.71 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX002745.D

Acq: 20 Jun 2018 16:47

Instrument :

MSVOA_X

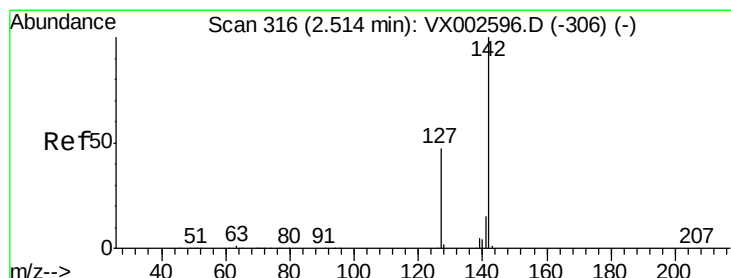
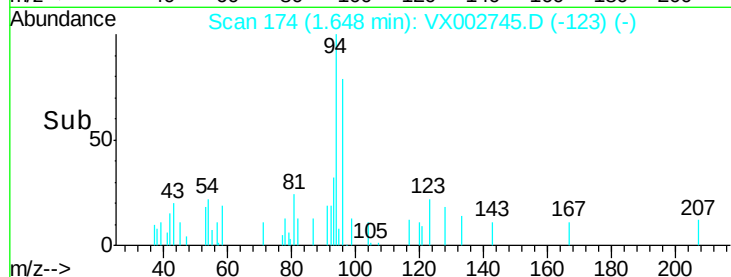
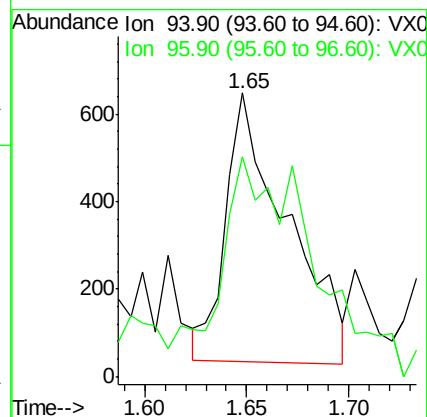
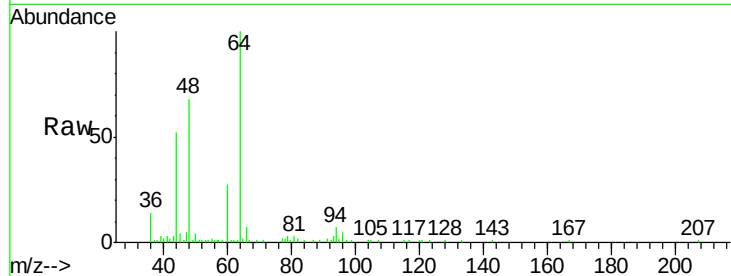
ClientSampleId :

Tot Ion: 94 Resp: 1285

Ion Ratio Lower Upper

94 100

96 73.6 74.9 112.3#



#10

Methyl Iodide

Concen: 5.79 ug/l

RT: 2.53 min Scan# 318

Delta R.T. 0.01 min

Lab File: VX002745.D

Acq: 20 Jun 2018 16:47

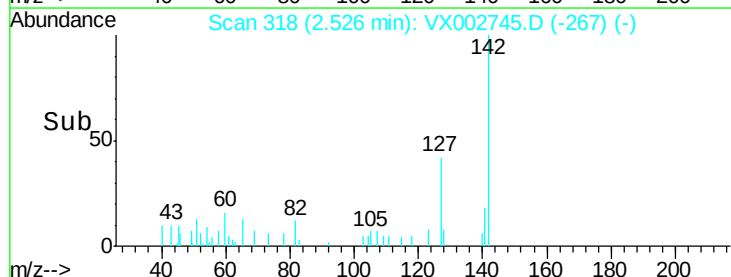
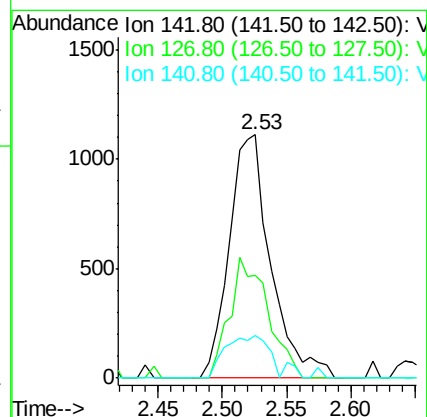
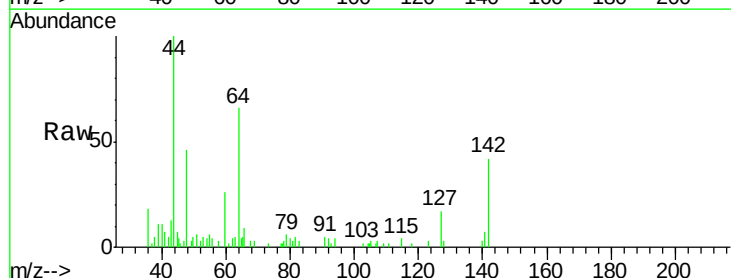
Tgt Ion: 142 Resp: 2508

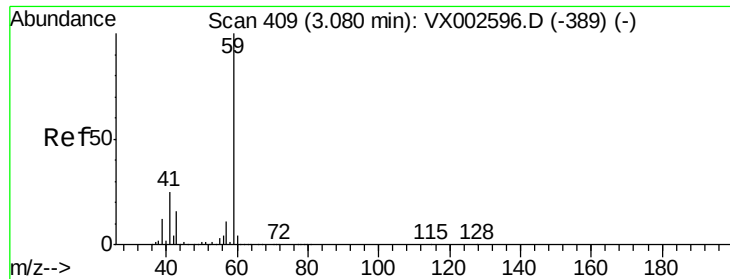
Ion Ratio Lower Upper

142 100

127 45.6 36.6 55.0

141 19.9 11.3 16.9#



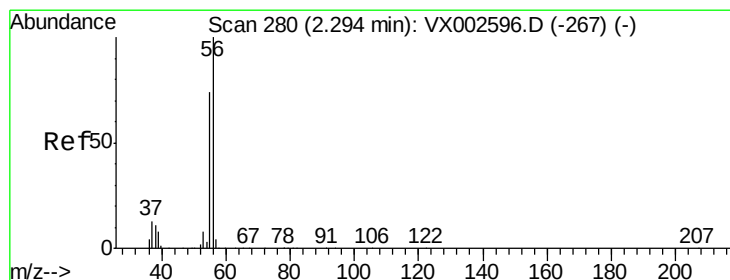
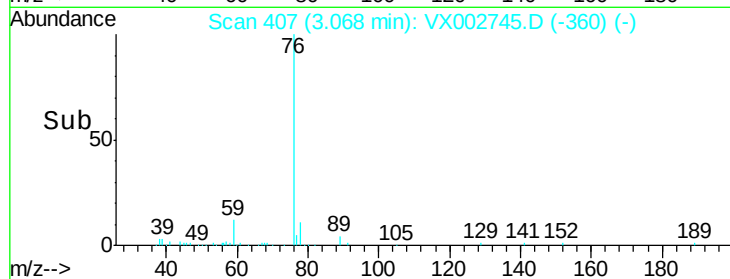
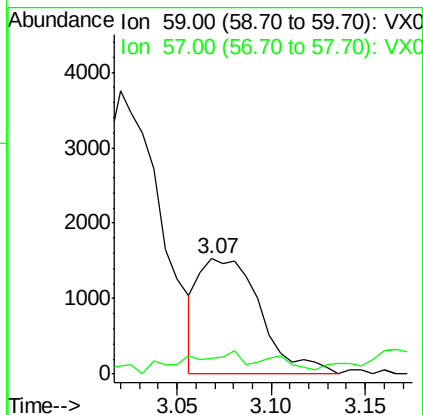
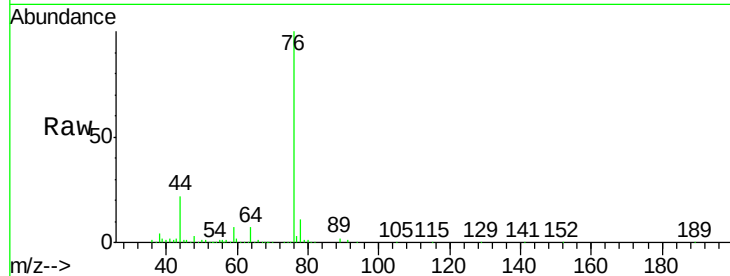


#11

Tert butyl alcohol
 Concen: 4.84 ug/l
 RT: 3.07 min Scan# 407
 Delta R.T. -0.01 min
 Lab File: VX002745.D
 Acq: 20 Jun 2018 16:47

Instrument :
 MSVOA_X
 ClientSampleId :

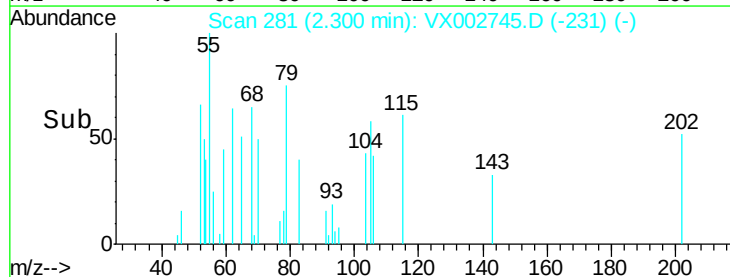
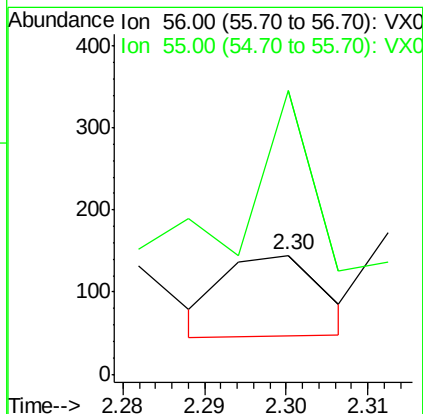
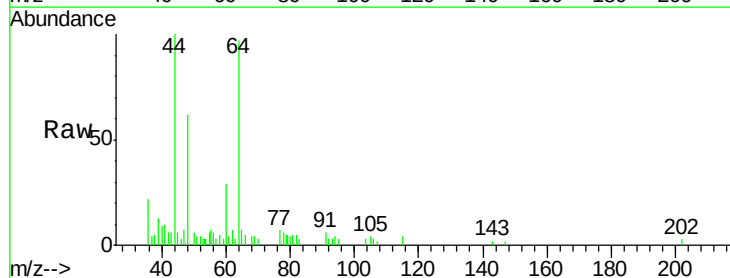
Tot Ion: 59 Resp: 3490
 Ion Ratio Lower Upper
 59 100
 57 18.1 8.2 12.2#

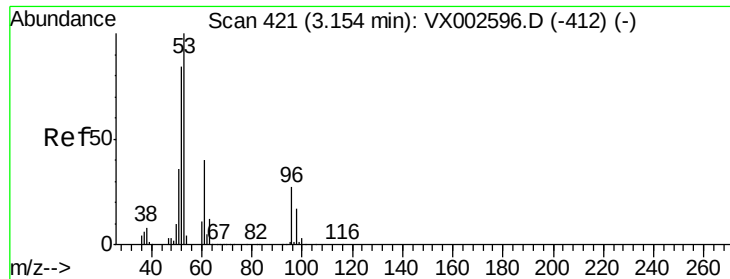


#13

Acrolein
 Concen: 7.11 ug/l
 RT: 2.30 min Scan# 281
 Delta R.T. 0.01 min
 Lab File: VX002745.D
 Acq: 20 Jun 2018 16:47

Tgt Ion: 56 Resp: 84
 Ion Ratio Lower Upper
 56 100
 55 188.1 57.0 85.4#





#15

Acrylonitrile

Concen: 0.23 ug/l

RT: 3.14 min Scan# 419

Delta R.T. -0.01 min

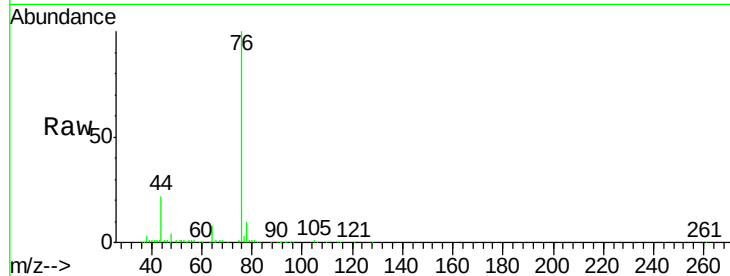
Lab File: VX002745.D

Acq: 20 Jun 2018 16:47

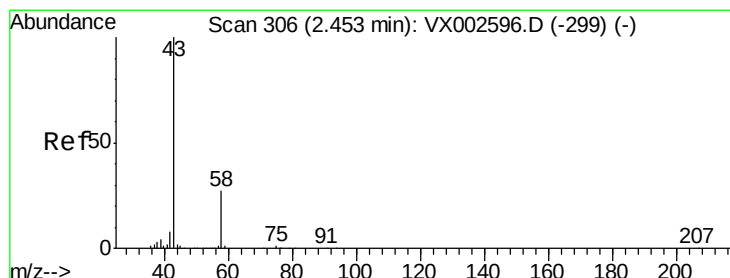
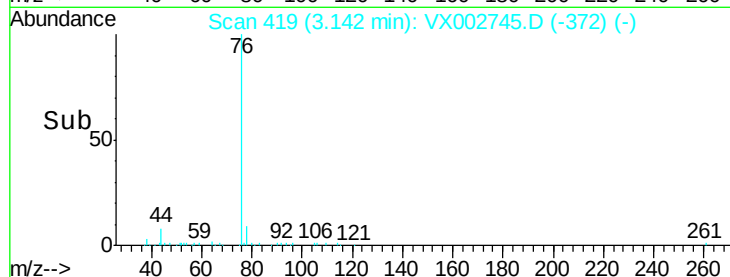
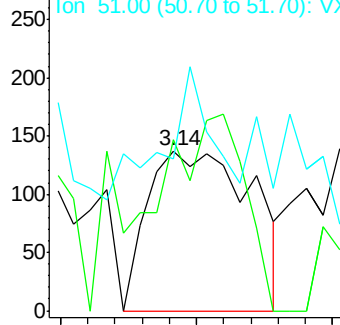
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 53 Resp: 365

Ion	Ratio	Lower	Upper
53	100		
52	0.0	66.7	100.1#
51	43.8	29.9	44.9



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 67.88 ug/l

RT: 2.45 min Scan# 305

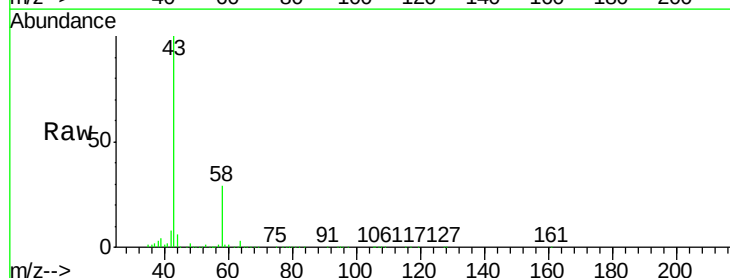
Delta R.T. -0.01 min

Lab File: VX002745.D

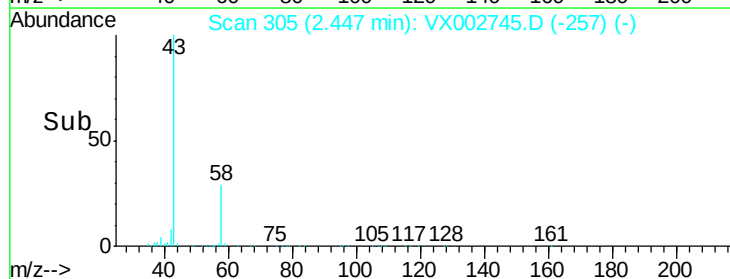
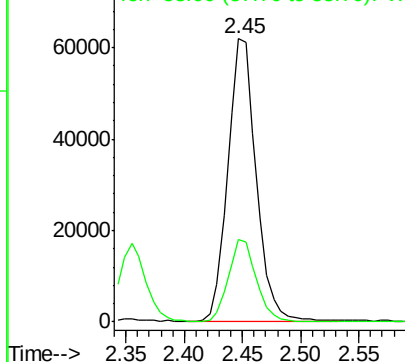
Acq: 20 Jun 2018 16:47

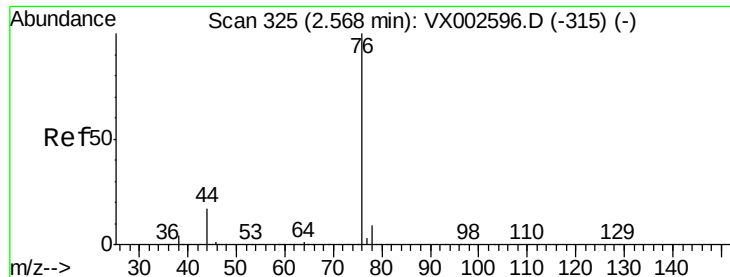
Tgt Ion: 43 Resp: 104478

Ion	Ratio	Lower	Upper
43	100		
58	28.8	22.1	33.1



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





#17

Carbon Disulfide

Concen: 3.93 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX002745.D

Acq: 20 Jun 2018 16:47

Instrument :

MSVOA_X

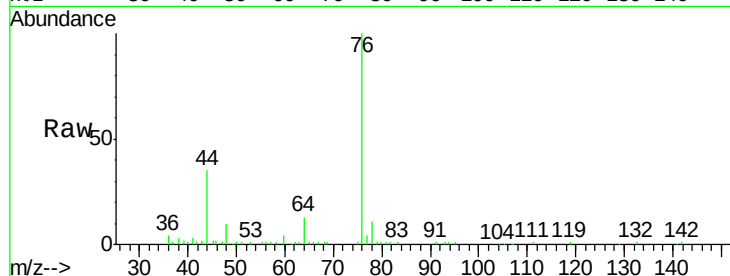
ClientSampleId :

Tot Ion: 76 Resp: 23904

Ion Ratio Lower Upper

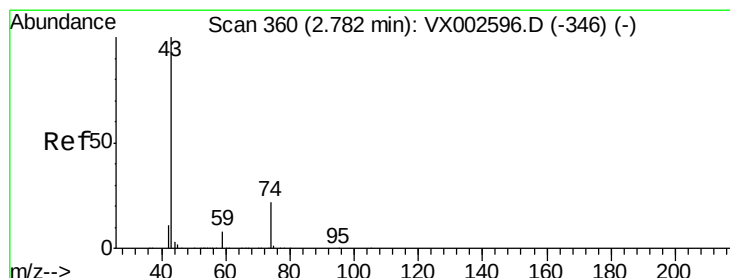
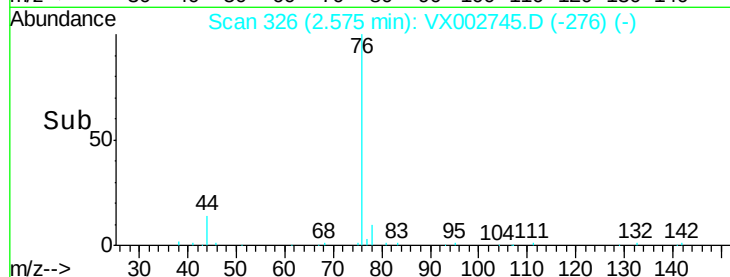
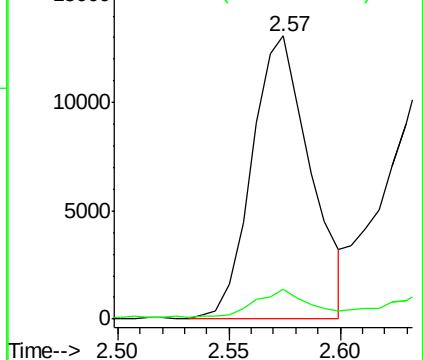
76 100

78 10.1 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 1.42 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX002745.D

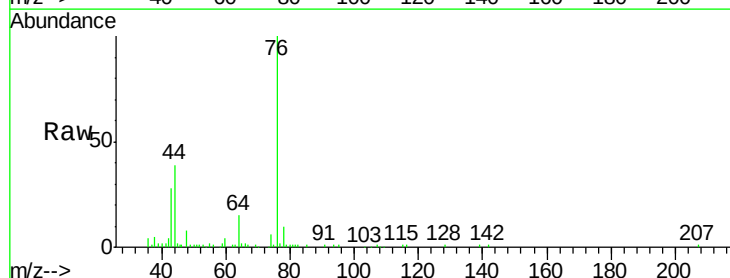
Acq: 20 Jun 2018 16:47

Tgt Ion: 43 Resp: 5837

Ion Ratio Lower Upper

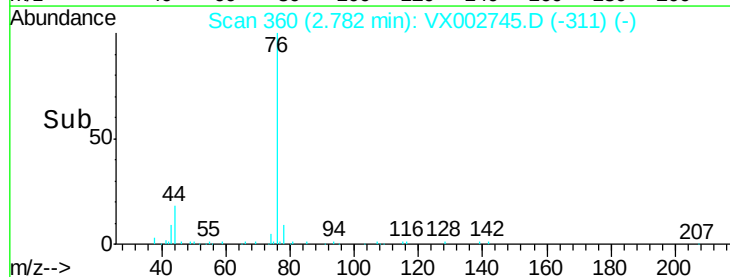
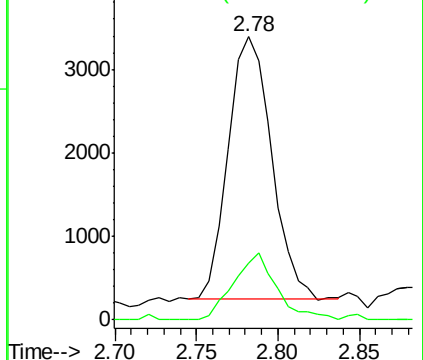
43 100

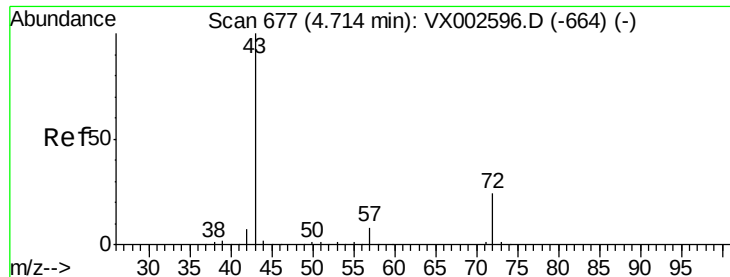
74 25.5 16.7 25.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#25

2-Butanone

Concen: 15.04 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX002745.D

Acq: 20 Jun 2018 16:47

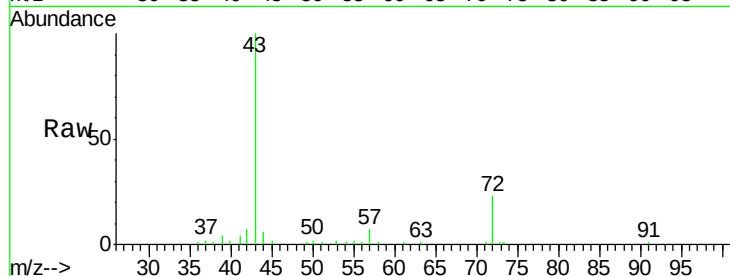
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 30394

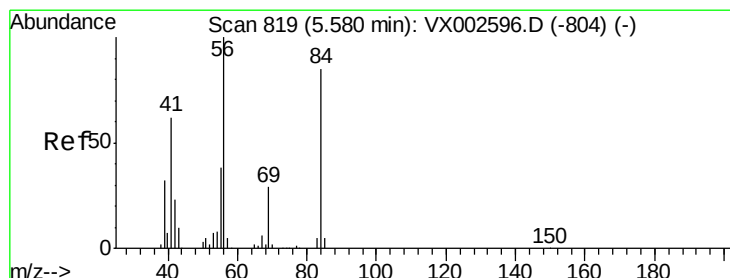
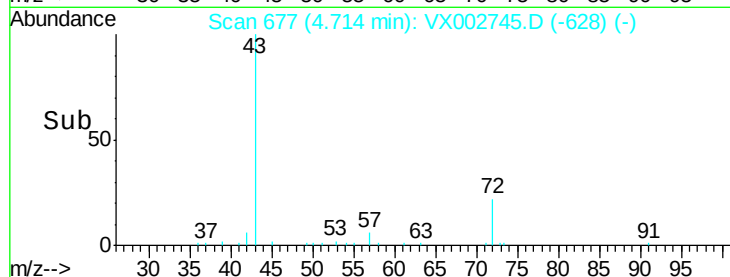
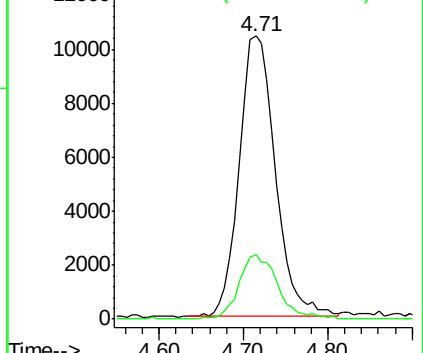
Ion Ratio Lower Upper

43 100

72 23.2 18.5 27.7



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



#31

Cyclohexane

Concen: 0.29 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX002745.D

Acq: 20 Jun 2018 16:47

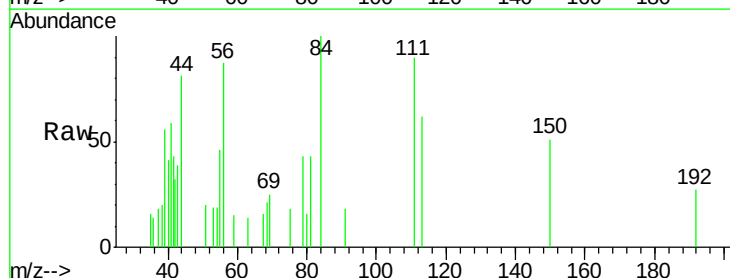
Tgt Ion: 56 Resp: 1203

Ion Ratio Lower Upper

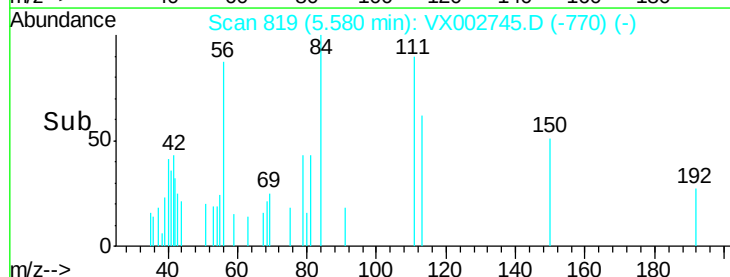
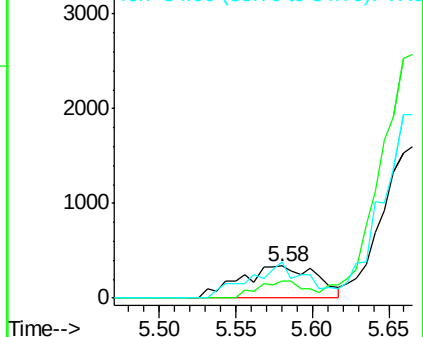
56 100

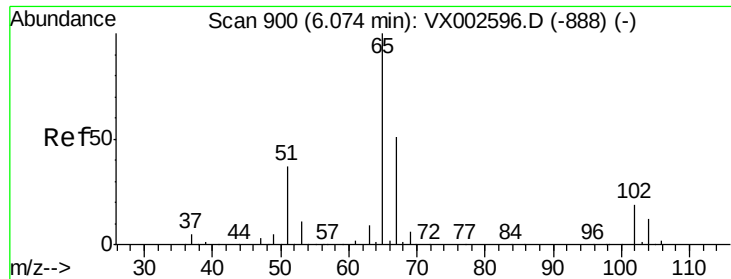
69 53.1 23.7 35.5#

84 114.8 64.1 96.1#



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

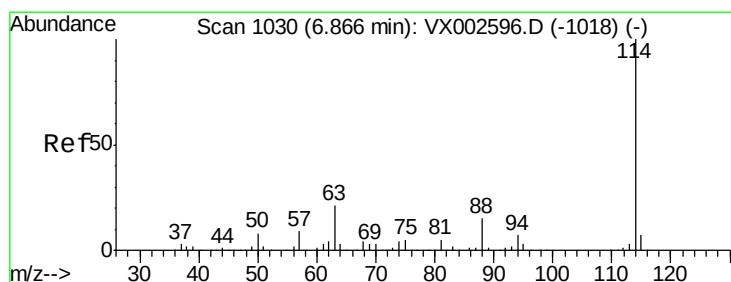
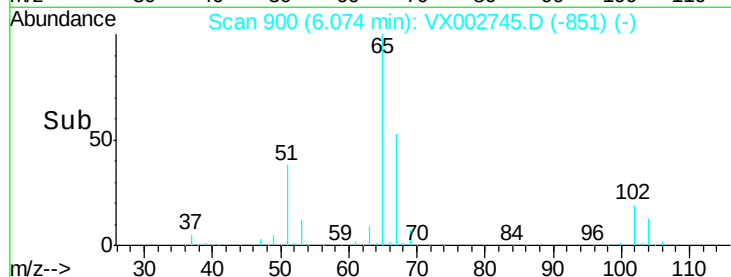
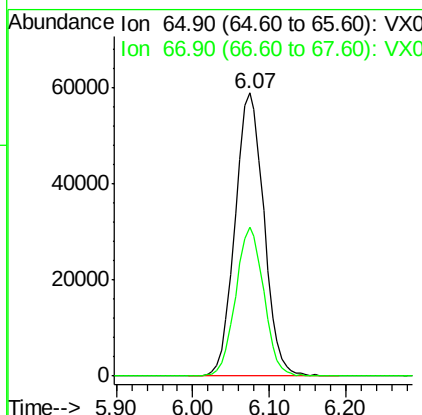
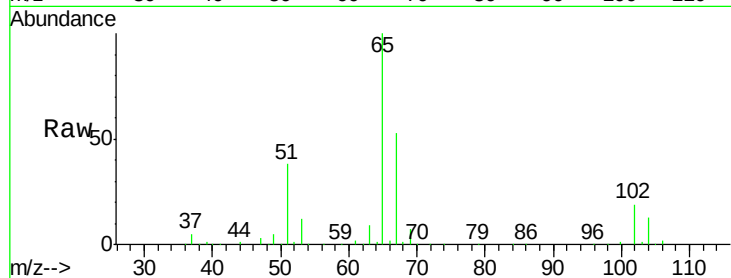




#33
 1,2-Dichloroethane-d4
 Concen: 44.19 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002745.D
 Acq: 20 Jun 2018 16:47

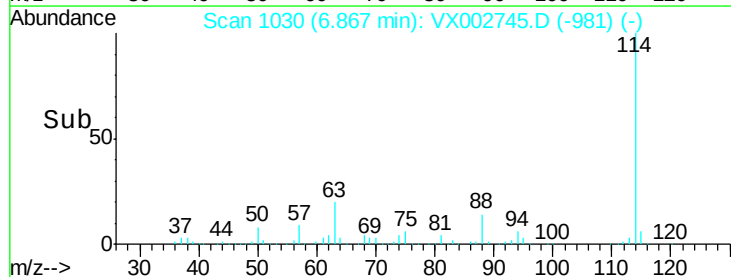
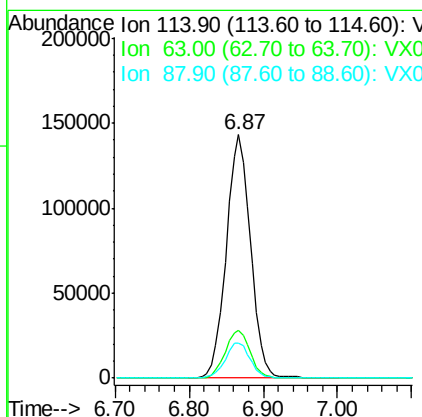
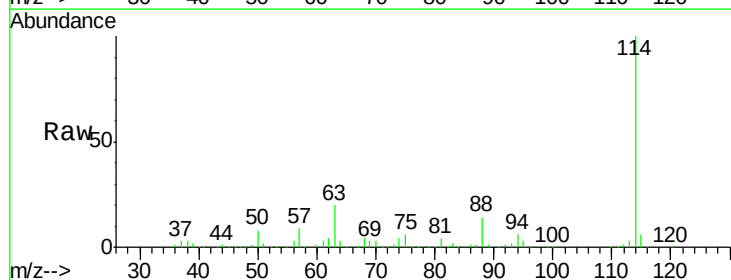
Instrument :
 MSVOA_X
 ClientSampleId :

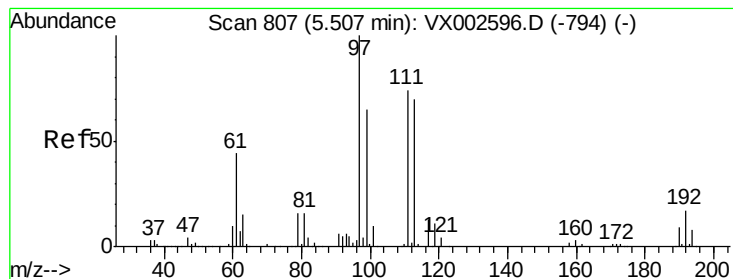
Tot Ion: 65 Resp: 154163
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002745.D
 Acq: 20 Jun 2018 16:47

Tgt Ion: 114 Resp: 326053
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 41.4
 88 14.5 0.0 30.0





#35

Dibromofluoromethane

Concen: 48.21 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX002745.D

Acq: 20 Jun 2018 16:47

Instrument :
MSVOA_X
ClientSampleId :

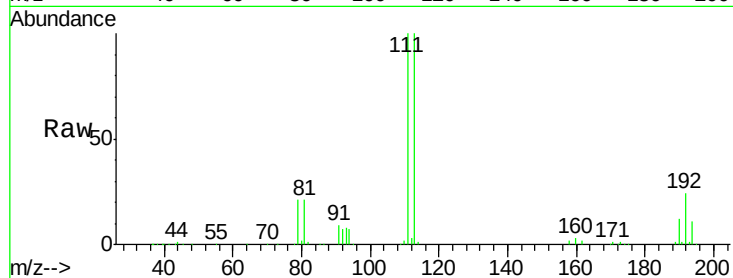
Tot Ion:113 Resp: 125445

Ion Ratio Lower Upper

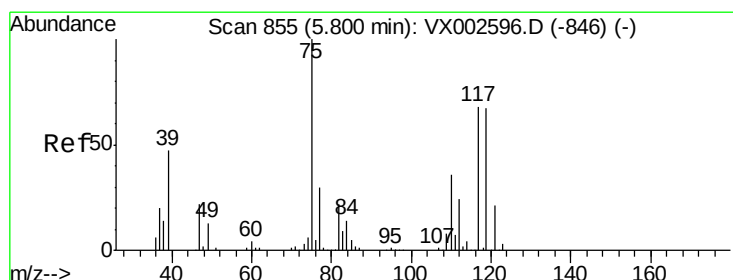
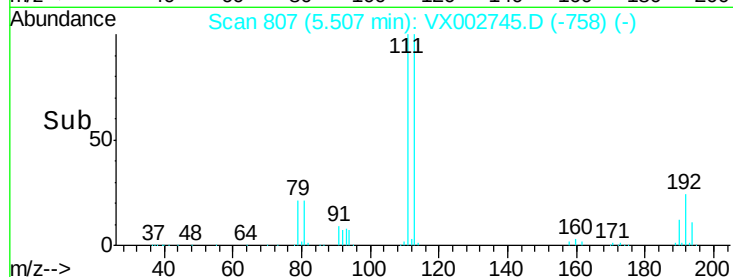
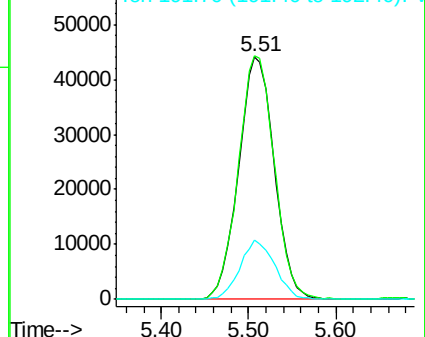
113 100

111 101.1 81.4 122.0

192 23.9 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



#36

1,1-Dichloropropene

Concen: 4.60 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.13 min

Lab File: VX002745.D

Acq: 20 Jun 2018 16:47

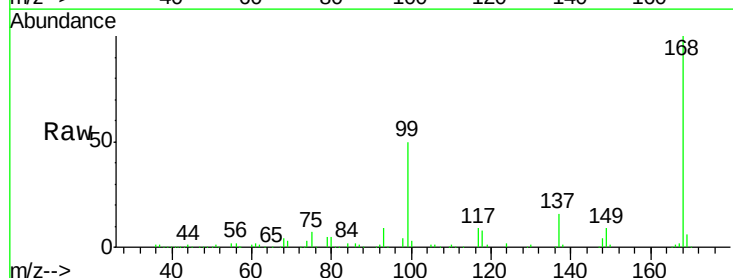
Tgt Ion: 75 Resp: 15931

Ion Ratio Lower Upper

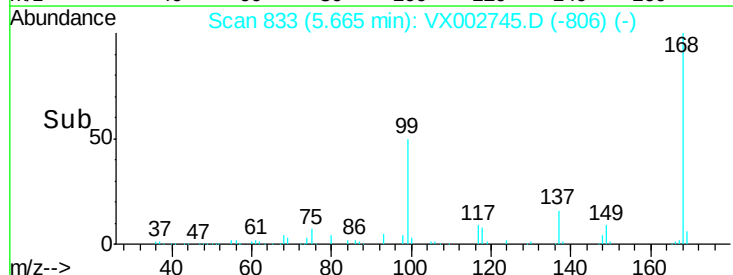
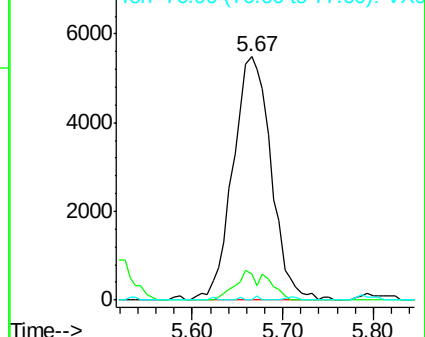
75 100

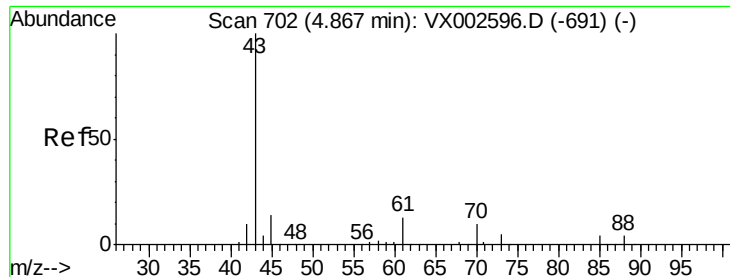
110 0.0 18.1 54.4#

77 0.2 24.3 36.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0

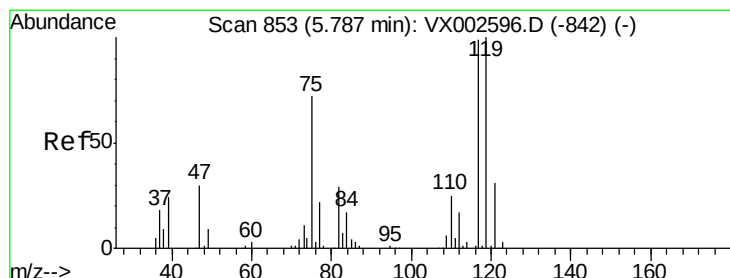
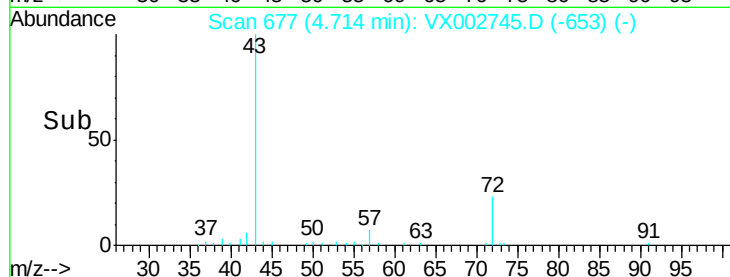
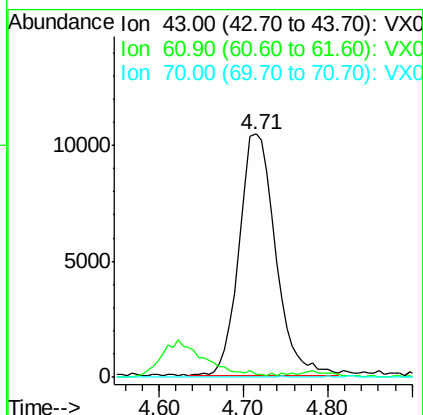
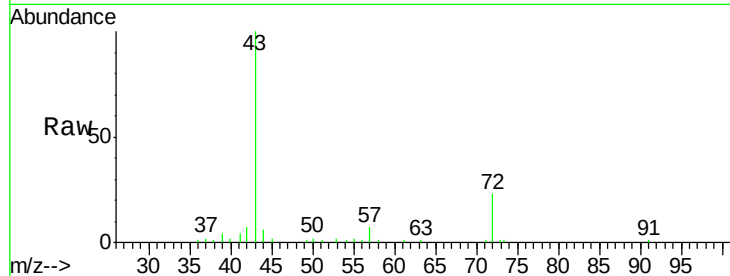




#37
Ethyl Acetate
Concen: 7.75 ug/l
RT: 4.71 min Scan# 677
Delta R.T. -0.15 min
Lab File: VX002745.D
Acq: 20 Jun 2018 16:47

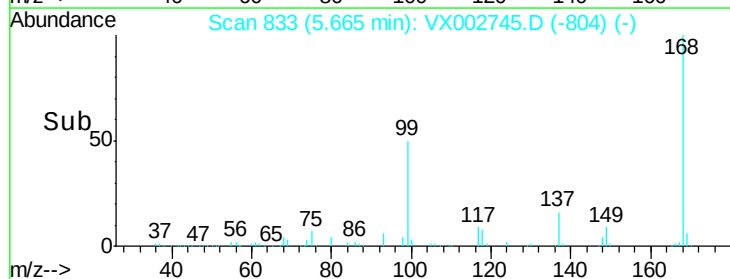
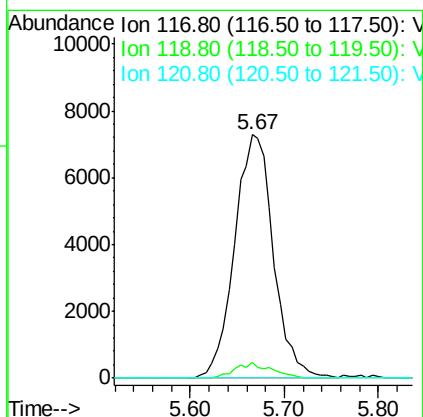
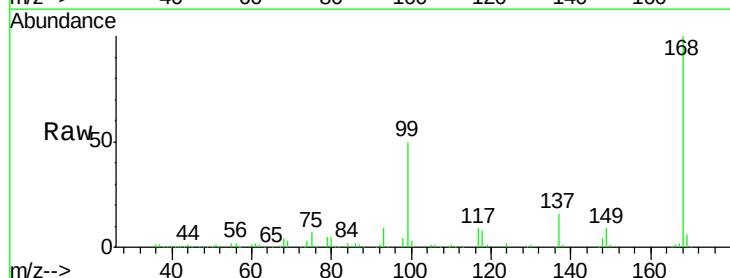
Instrument :
MSVOA_X
ClientSampled :

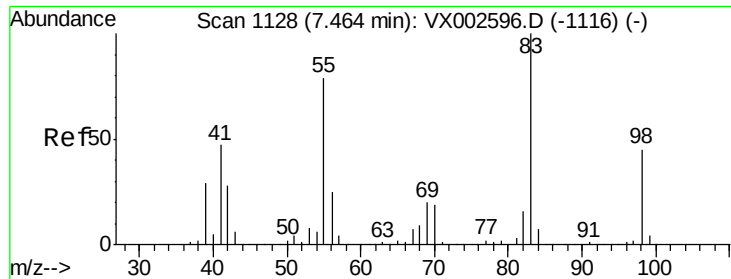
Tot Ion: 43 Resp: 30394
Ion Ratio Lower Upper
43 100
61 0.0 10.4 15.6#
70 0.0 7.6 11.4#



#38
Carbon Tetrachloride
Concen: 6.07 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX002745.D
Acq: 20 Jun 2018 16:47

Tgt Ion: 117 Resp: 20932
Ion Ratio Lower Upper
117 100
119 6.3 77.4 116.0#
121 0.0 24.4 36.6#

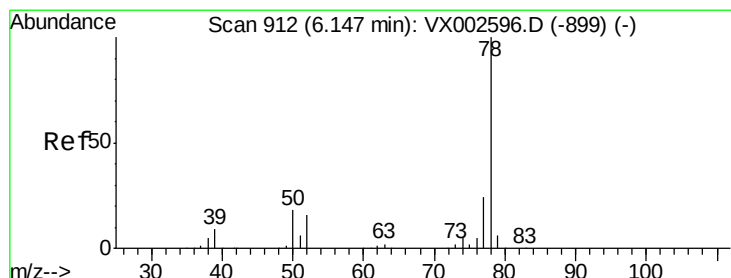
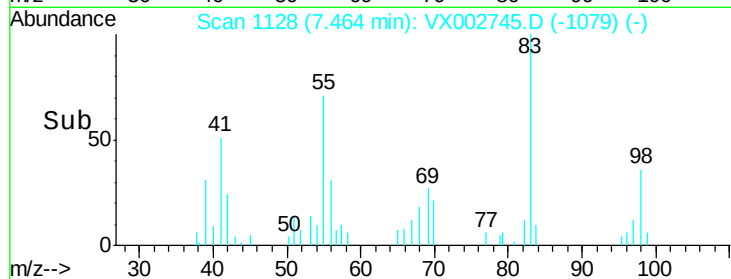
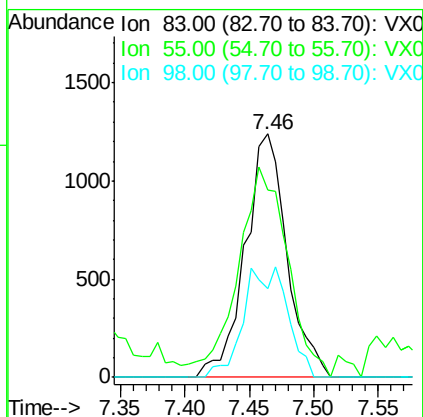
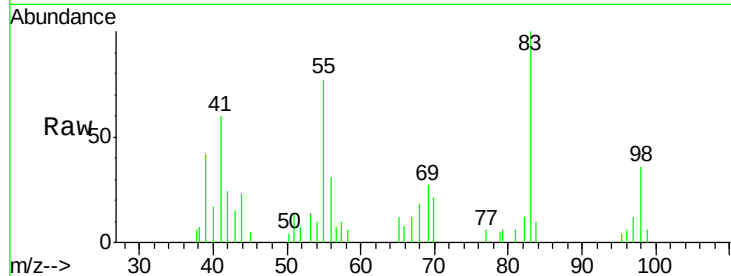




#39
Methvlcvclohexane
Concen: 0.69 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002745.D
Acq: 20 Jun 2018 16:47

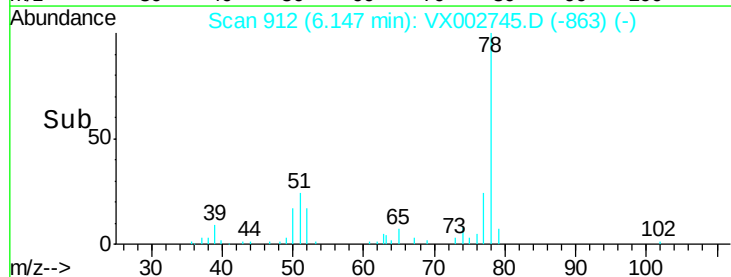
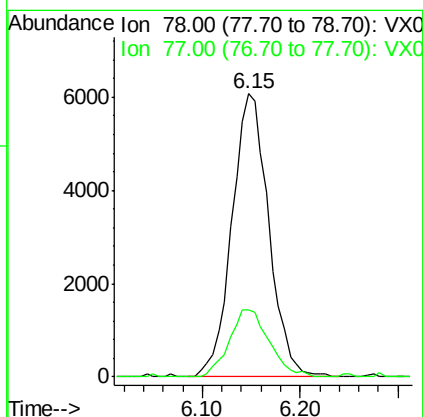
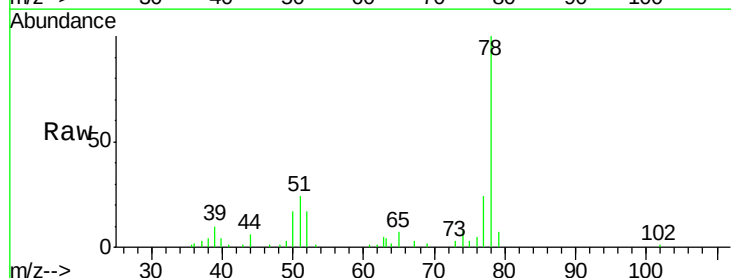
Instrument :
MSVOA_X
ClientSampleId :

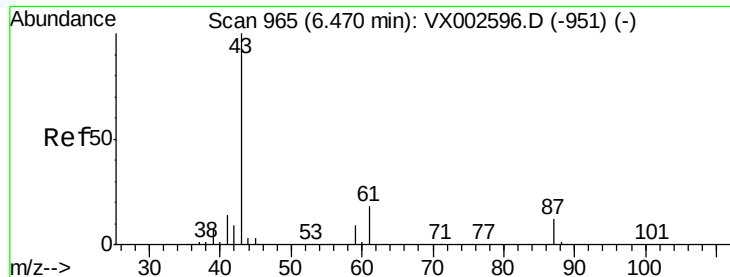
Tot Ion: 83 Resp: 2782
Ion Ratio Lower Upper
83 100
55 71.5 65.4 98.0
98 36.4 37.4 56.0#



#40
Benzene
Concen: 1.52 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX002745.D
Acq: 20 Jun 2018 16:47

Tgt Ion: 78 Resp: 15809
Ion Ratio Lower Upper
78 100
77 23.5 19.1 28.7





#43

Isopropyl Acetate

Concen: 0.29 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX002745.D

Acq: 20 Jun 2018 16:47

Instrument :

MSVOA_X

ClientSampled :

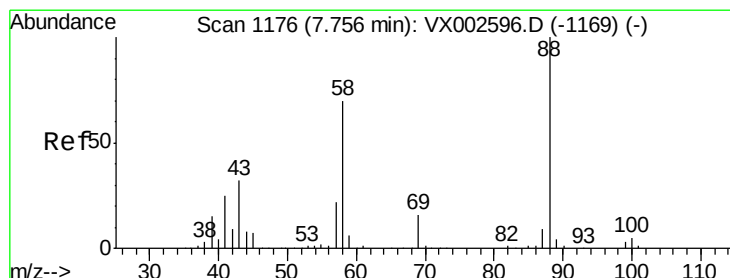
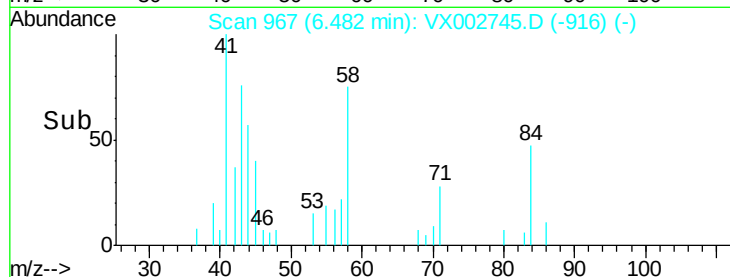
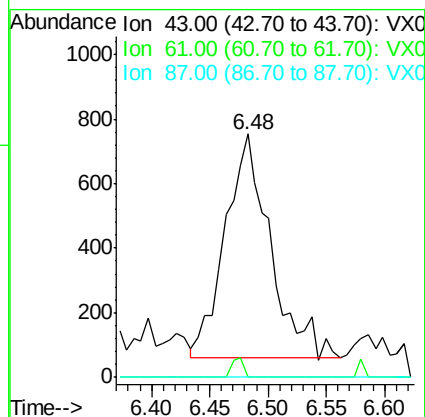
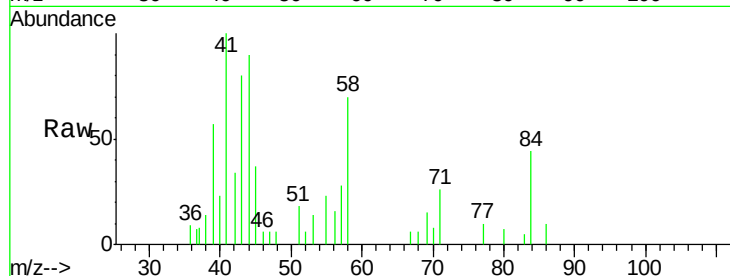
Tot Ion: 43 Resp: 1875

Ion Ratio Lower Upper

43 100

61 2.2 14.4 21.6#

87 0.0 9.5 14.3#



#49

1,4-Dioxane

Concen: 0.35 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.03 min

Lab File: VX002745.D

Acq: 20 Jun 2018 16:47

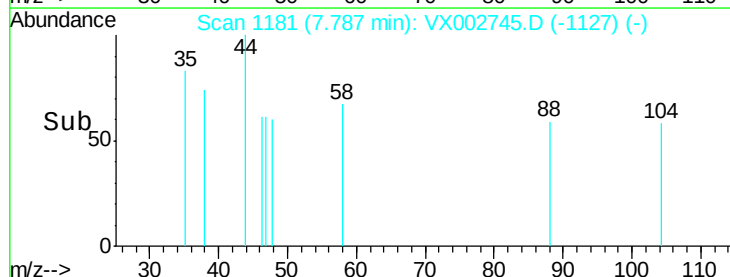
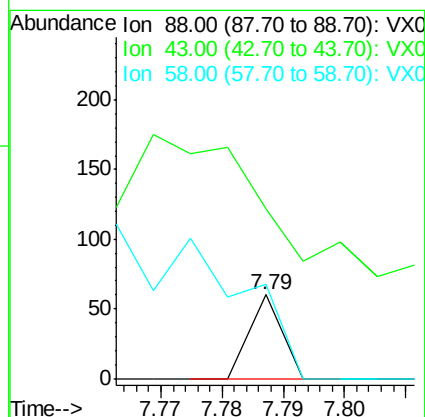
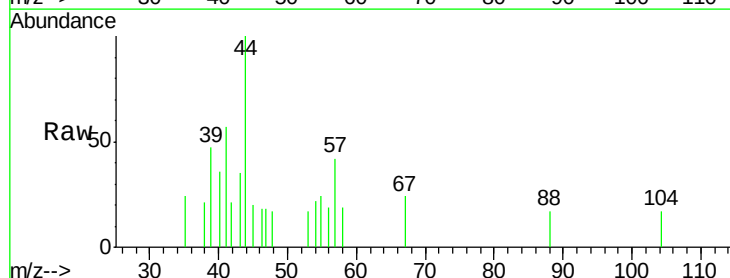
Tgt Ion: 88 Resp: 22

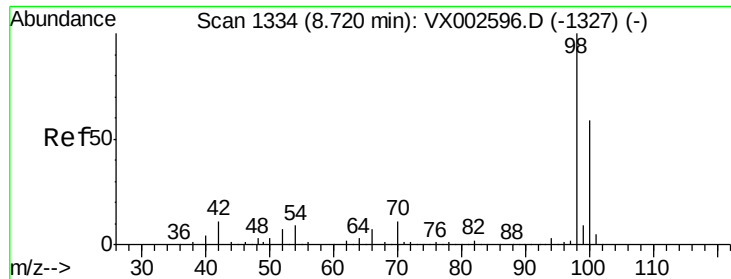
Ion Ratio Lower Upper

88 100

43 0.0 29.8 44.6#

58 0.0 57.1 85.7#

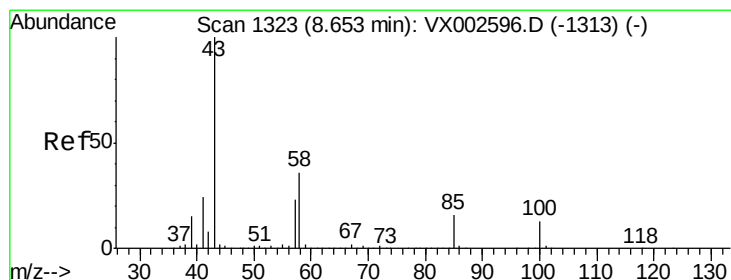
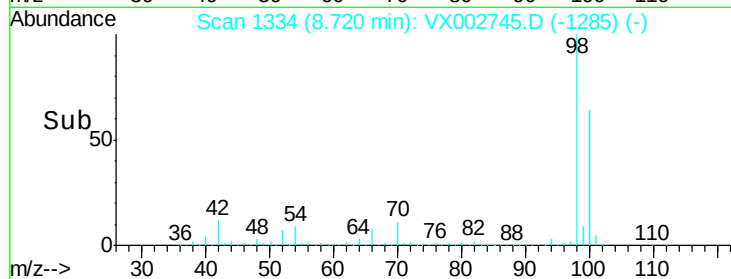
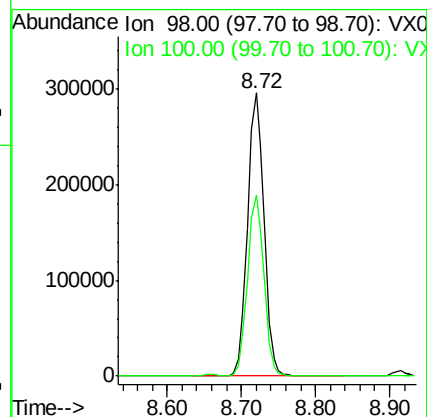
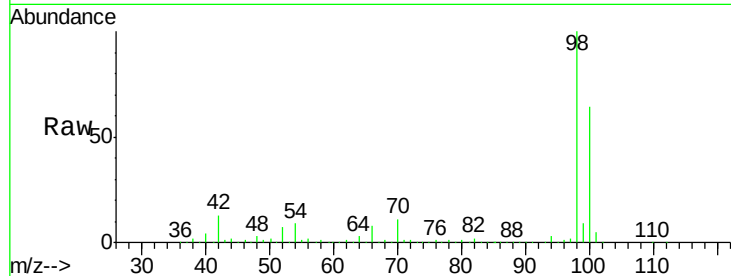




#50
Toluene-d8
Concen: 46.83 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002745.D
Acq: 20 Jun 2018 16:47

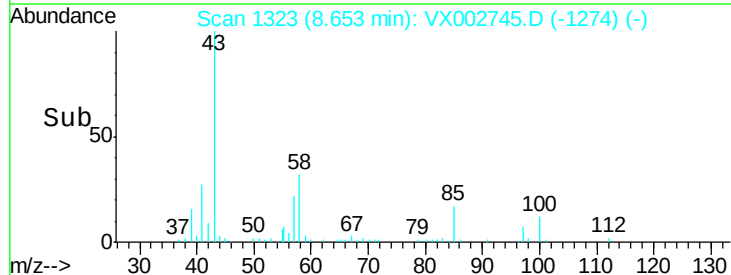
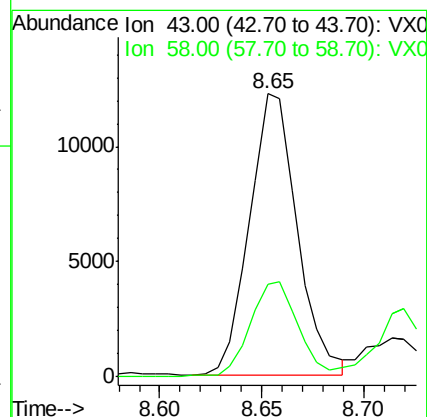
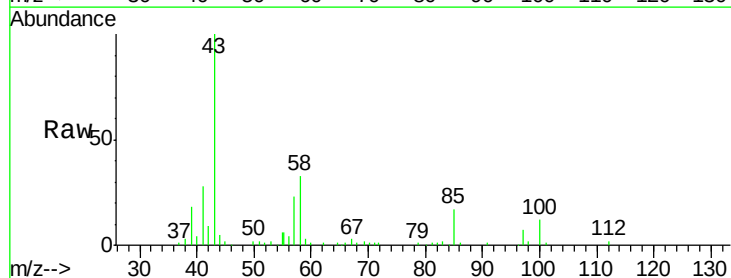
Instrument :
MSVOA_X
ClientSampleId :

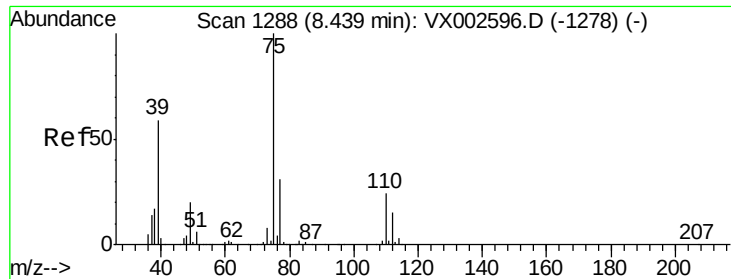
Tot Ion: 98 Resp: 462695
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 4.79 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. 0.00 min
Lab File: VX002745.D
Acq: 20 Jun 2018 16:47

Tgt Ion: 43 Resp: 19956
Ion Ratio Lower Upper
43 100
58 33.8 28.6 42.8

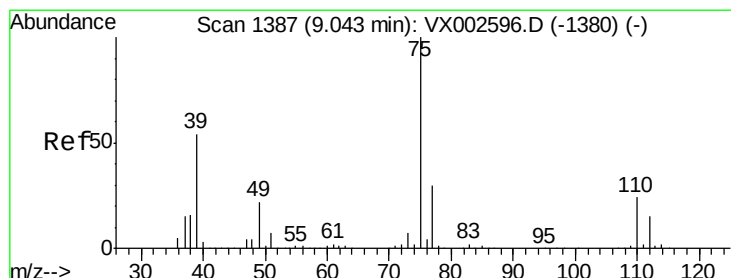
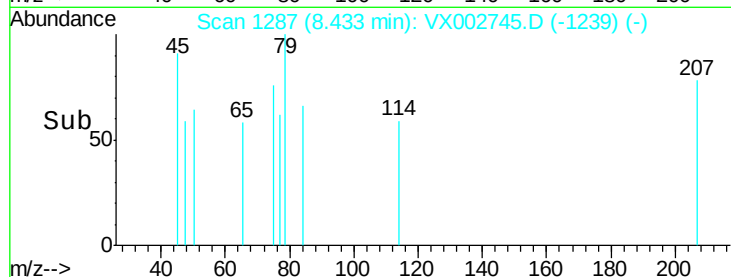
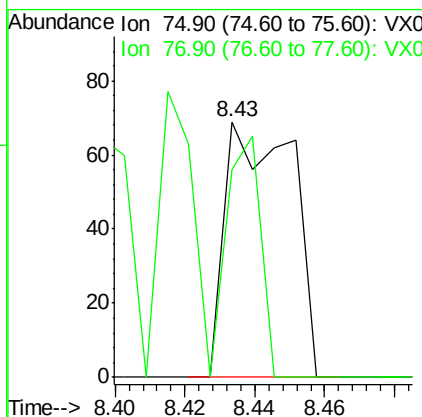
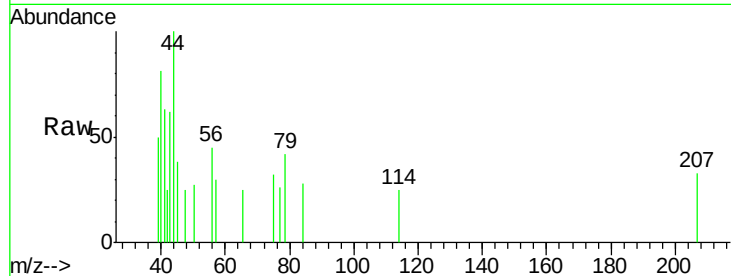




#53
 t-1,3-Dichloropropene
 Concen: 2.41 ug/l
 RT: 8.43 min Scan# 1287
 Delta R.T. -0.01 min
 Lab File: VX002745.D
 Acq: 20 Jun 2018 16:47

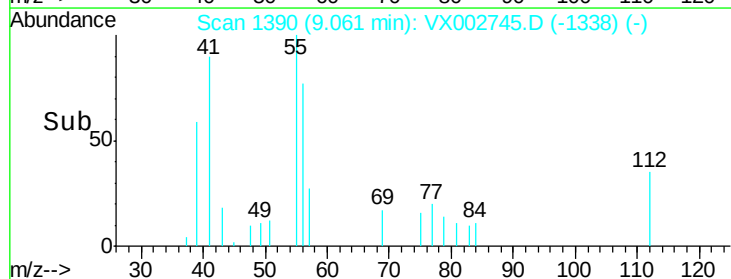
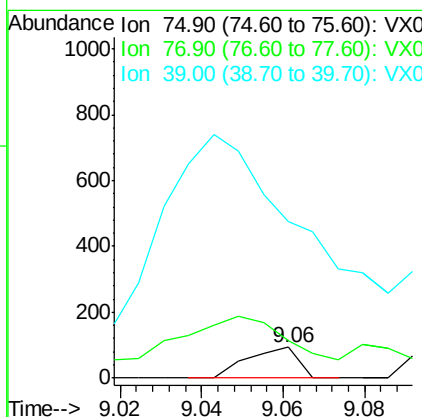
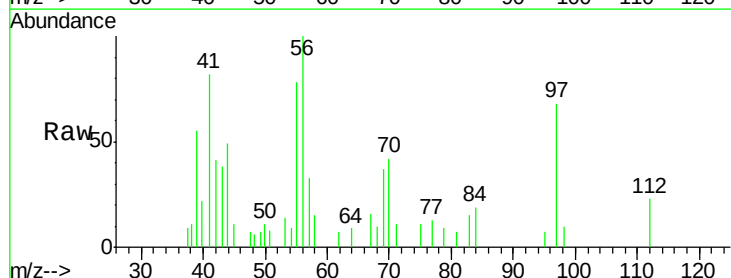
Instrument :
 MSVOA_X
 ClientSampleId :

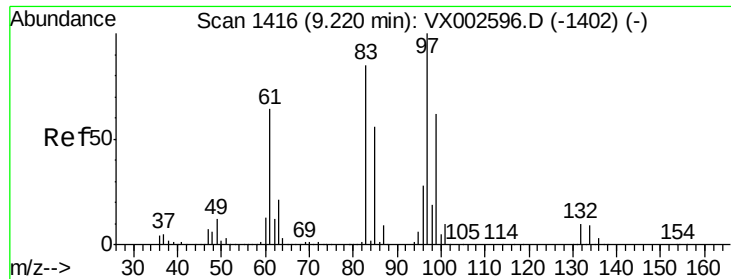
Tot Ion: 75 Resp: 92
 Ion Ratio Lower Upper
 75 100
 77 81.2 25.4 38.2#



#54
 cis-1,3-Dichloropropene
 Concen: 3.23 ug/l
 RT: 9.06 min Scan# 1390
 Delta R.T. 0.02 min
 Lab File: VX002745.D
 Acq: 20 Jun 2018 16:47

Tgt Ion: 75 Resp: 80
 Ion Ratio Lower Upper
 75 100
 77 63.4 24.8 37.2#
 39 158.1 42.4 63.6#

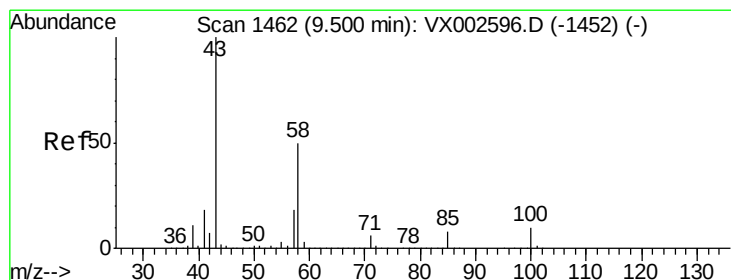
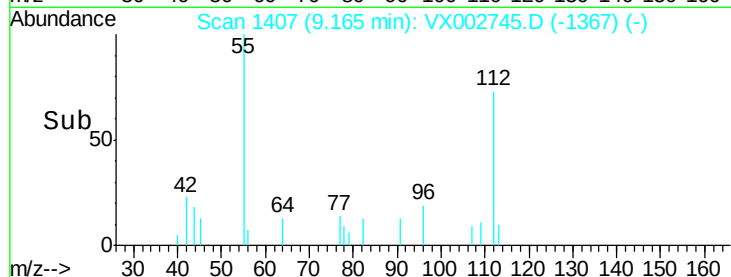
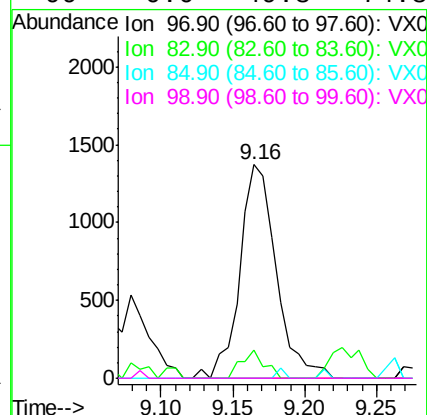
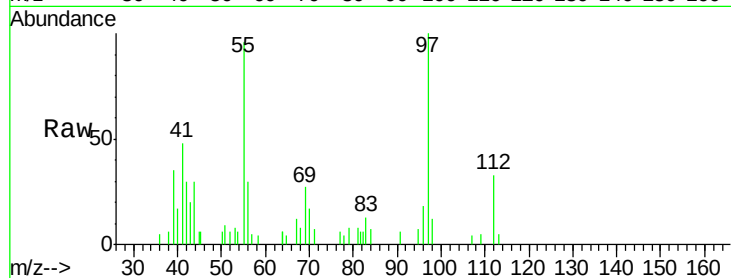




#55
 1,1,2-Trichloroethane
 Concen: 0.90 ug/l
 RT: 9.16 min Scan# 1407
 Delta R.T. -0.05 min
 Lab File: VX002745.D
 Acq: 20 Jun 2018 16:47

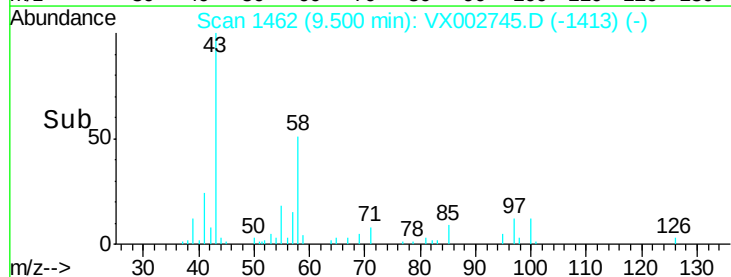
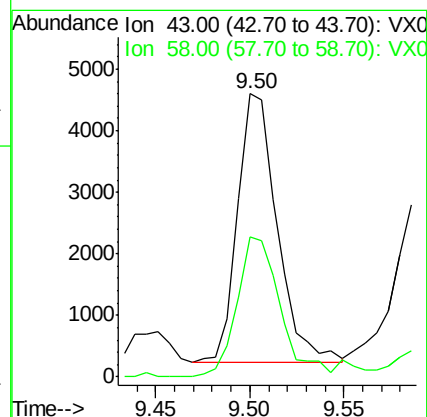
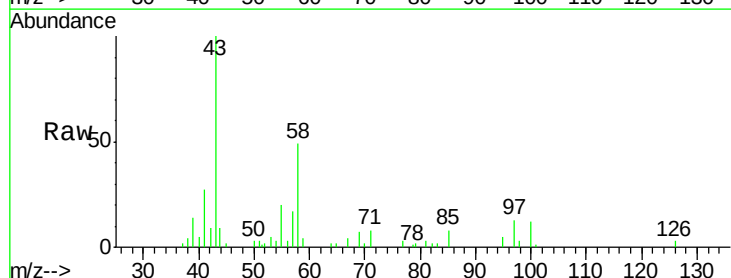
Instrument :
 MSVOA_X
 ClientSampleId :

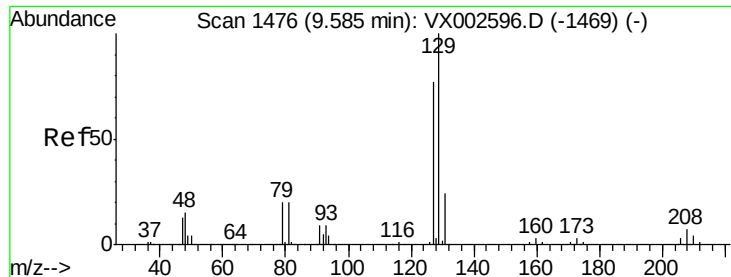
Tot Ion: 97 Resp: 2417
 Ion Ratio Lower Upper
 97 100
 83 13.1 70.2 105.2#
 85 0.0 44.9 67.3#
 99 0.0 49.8 74.8#



#59
 2-Hexanone
 Concen: 2.02 ug/l
 RT: 9.50 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: VX002745.D
 Acq: 20 Jun 2018 16:47

Tgt Ion: 43 Resp: 6352
 Ion Ratio Lower Upper
 43 100
 58 56.9 24.6 73.6





#60

Dibromochloromethane

Concen: 3.80 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.24 min

Lab File: VX002745.D

Acq: 20 Jun 2018 16:47

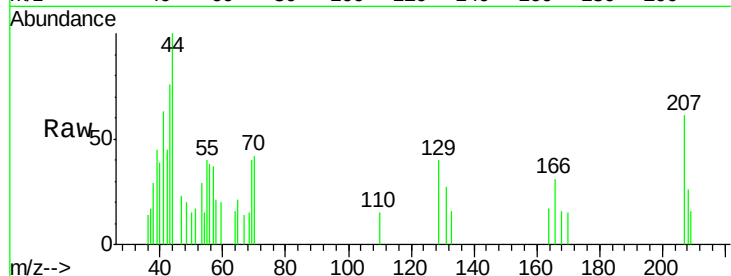
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:129 Resp: 132

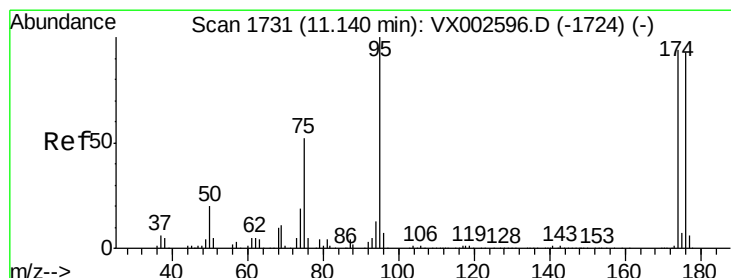
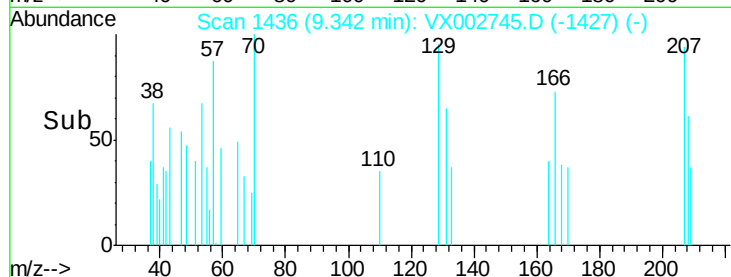
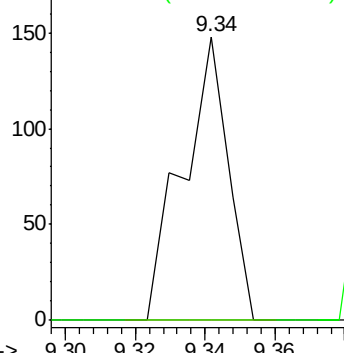
Ion Ratio Lower Upper

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: 45.09 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002745.D

Acq: 20 Jun 2018 16:47

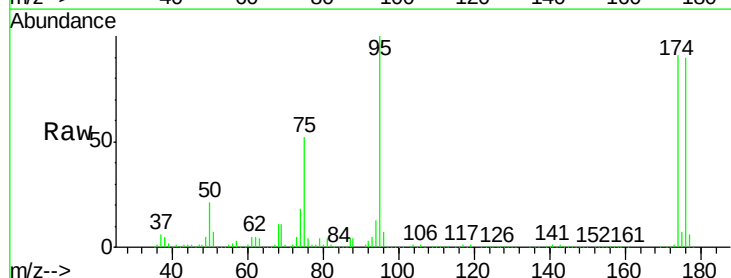
Tgt Ion: 95 Resp: 168817

Ion Ratio Lower Upper

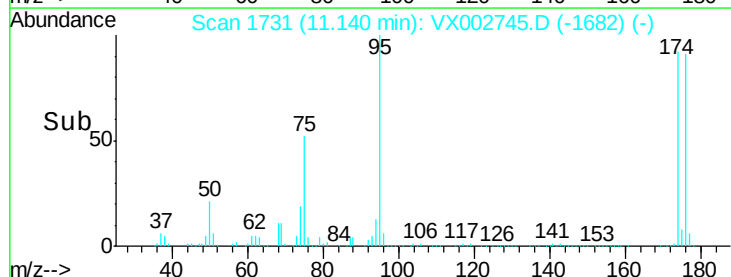
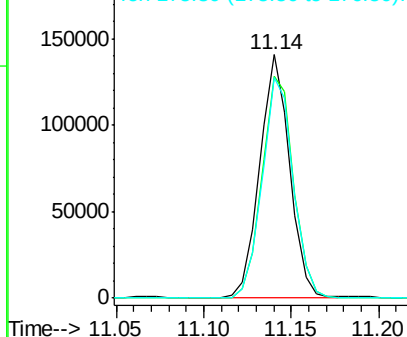
95 100

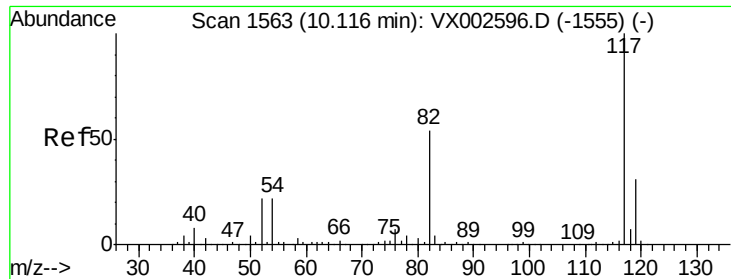
174 96.4 0.0 187.4

176 94.3 0.0 181.0



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: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX002745.D

Acq: 20 Jun 2018 16:47

Instrument :

MSVOA_X

ClientSampleId :

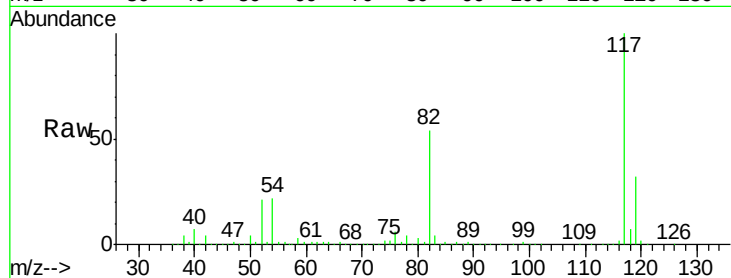
Tot Ion:117 Resp: 306496

Ion Ratio Lower Upper

117 100

82 53.9 45.0 67.4

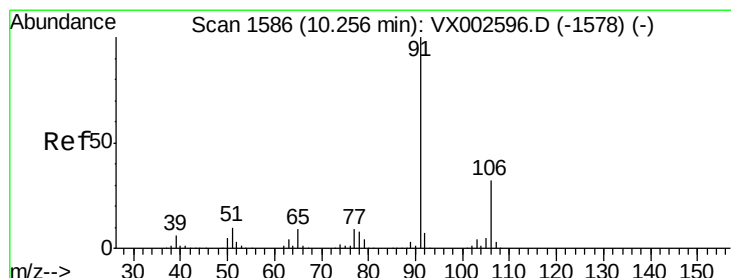
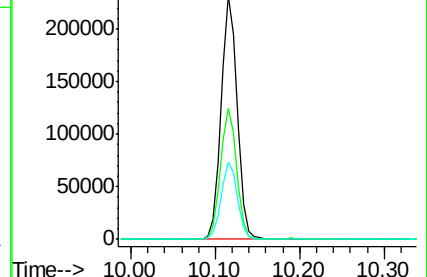
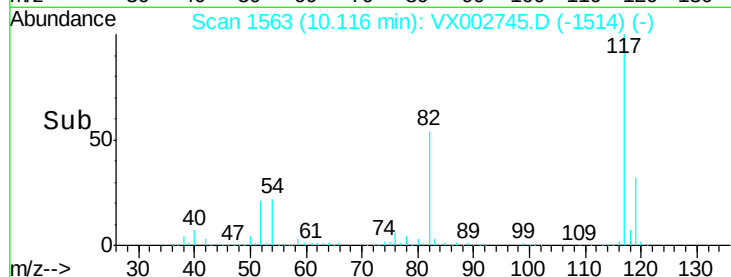
119 31.7 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#67

Ethyl Benzene

Concen: 0.49 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX002745.D

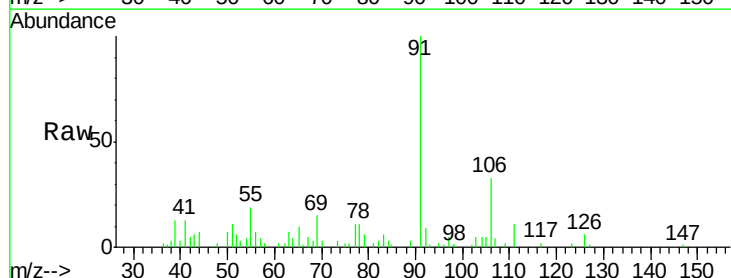
Acq: 20 Jun 2018 16:47

Tgt Ion: 91 Resp: 6272

Ion Ratio Lower Upper

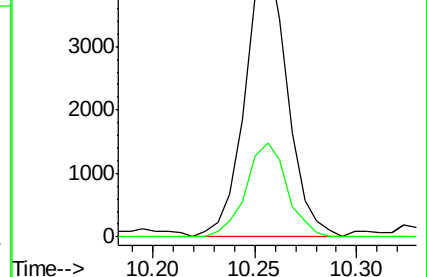
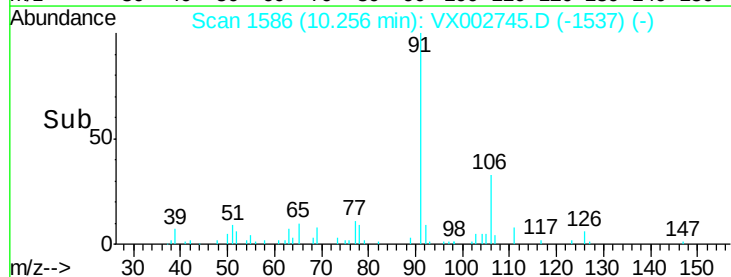
91 100

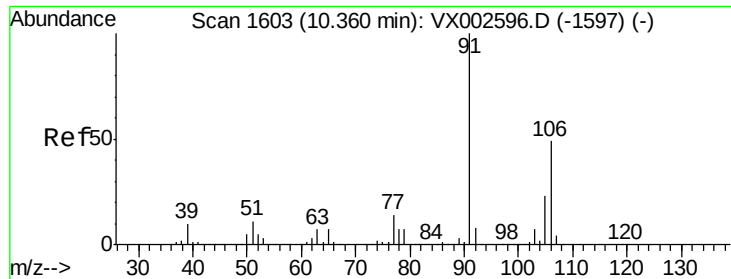
106 33.3 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 0.33 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.01 min

Lab File: VX002745.D

Acq: 20 Jun 2018 16:47

Instrument :

MSVOA_X

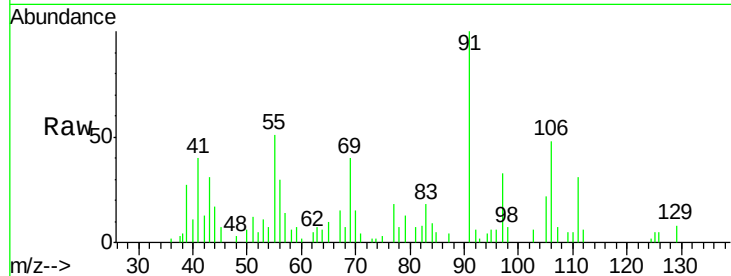
ClientSampleId :

Tot Ion:106 Resp: 1620

Ion Ratio Lower Upper

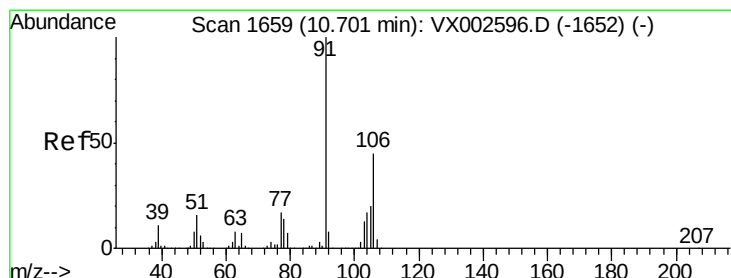
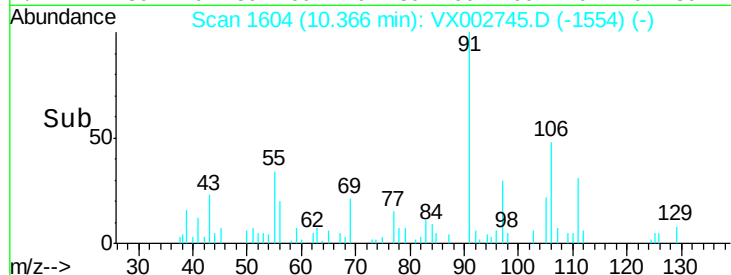
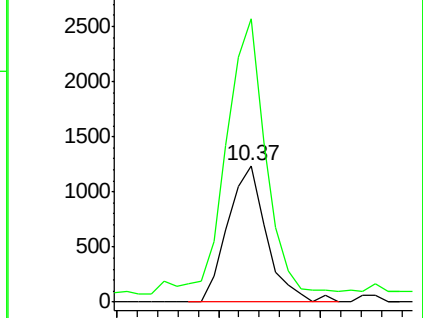
106 100

91 240.2 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 0.37 ug/l

RT: 10.70 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX002745.D

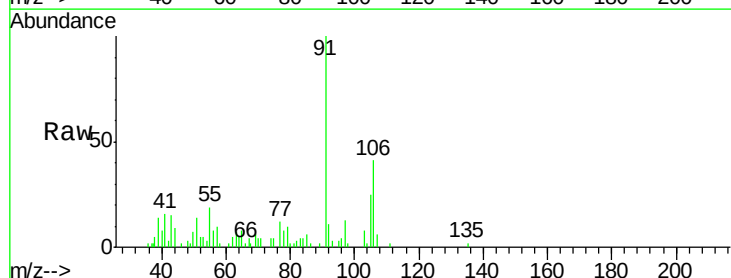
Acq: 20 Jun 2018 16:47

Tgt Ion:106 Resp: 1784

Ion Ratio Lower Upper

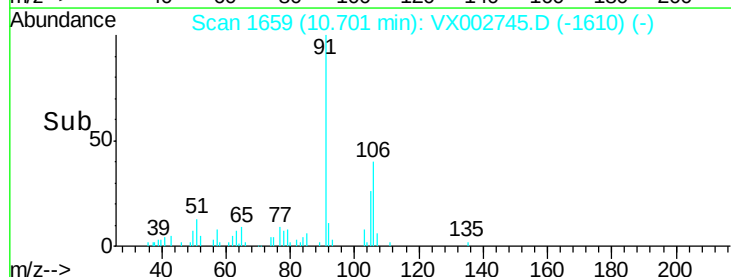
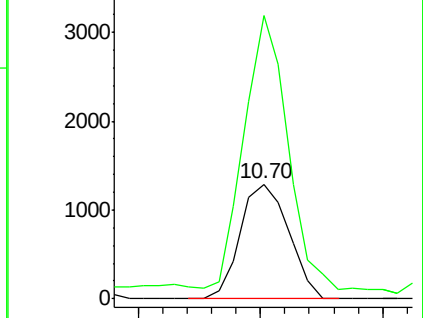
106 100

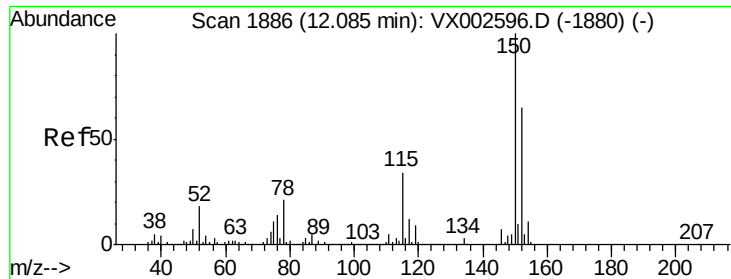
91 225.1 108.2 324.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

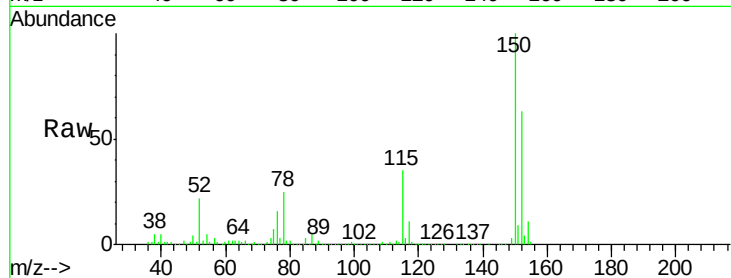




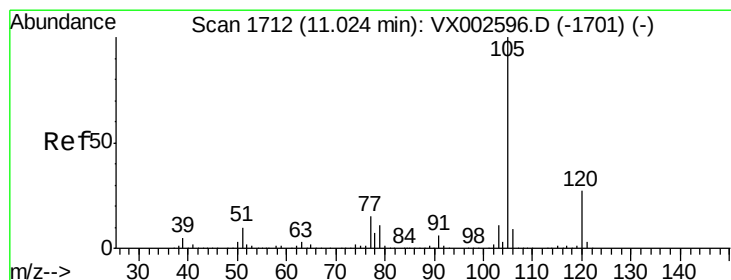
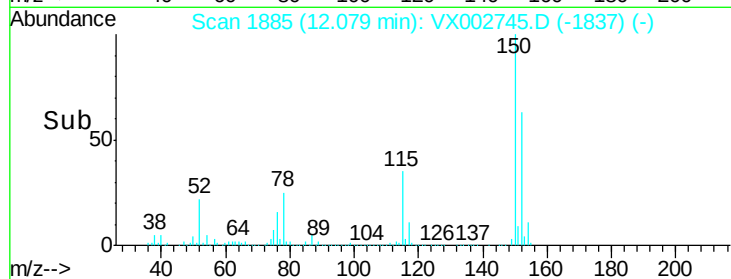
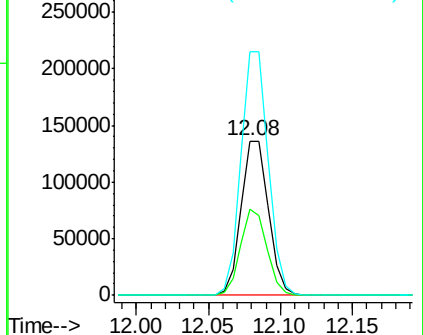
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.08 min Scan# 1885
 Delta R.T. -0.01 min
 Lab File: VX002745.D
 Acq: 20 Jun 2018 16:47

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:152 Resp: 179272
 Ion Ratio Lower Upper
 152 100
 115 53.9 40.1 120.2
 150 157.4 0.0 347.2

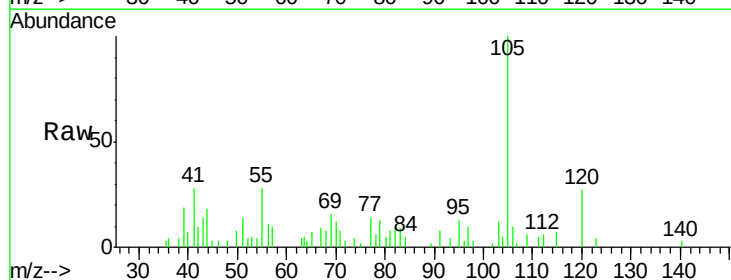


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

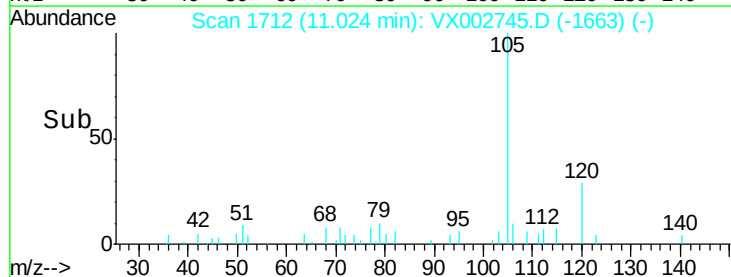
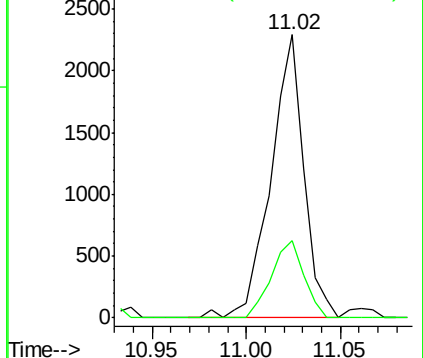


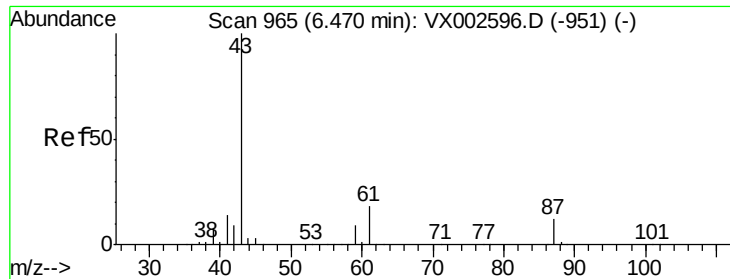
#73
 Isopropylbenzene
 Concen: 0.23 ug/l
 RT: 11.02 min Scan# 1712
 Delta R.T. 0.00 min
 Lab File: VX002745.D
 Acq: 20 Jun 2018 16:47

Tgt Ion:105 Resp: 2775
 Ion Ratio Lower Upper
 105 100
 120 27.0 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.31 ug/l

RT: 6.48 min Scan# 967

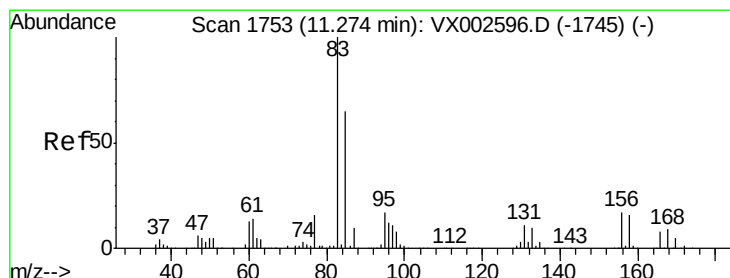
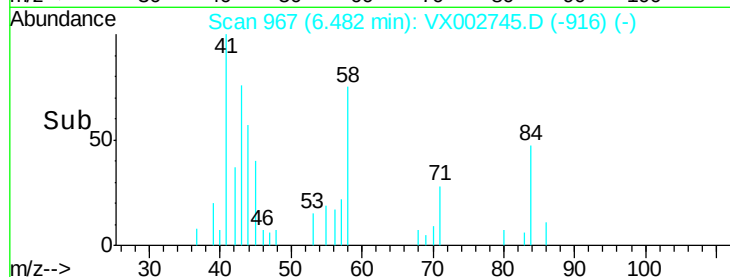
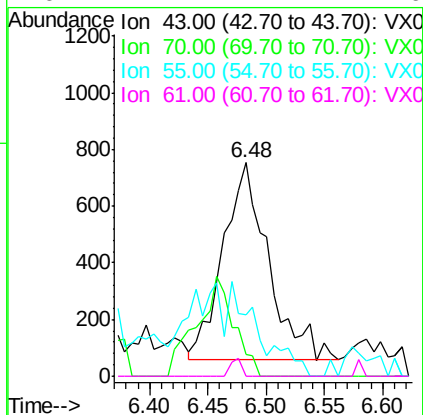
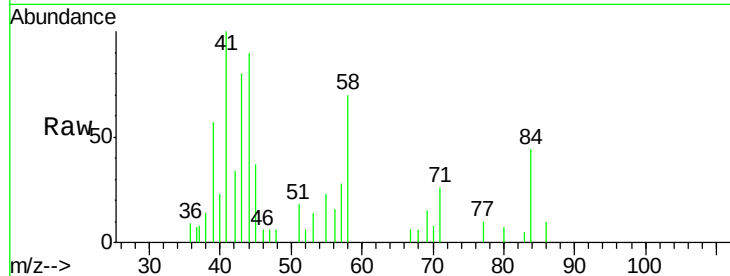
Delta R.T. 0.01 min

Lab File: VX002745.D

Acq: 20 Jun 2018 16:47

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	43	Resp:	1875
Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	0.0	0.0	0.0
61	2.2	14.4	21.6#



#75

1,1,2,2-Tetrachloroethane

Concen: 0.48 ug/l

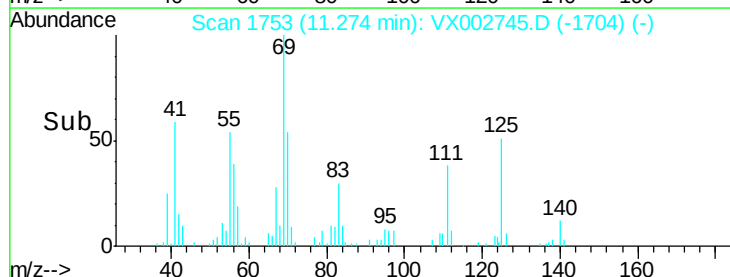
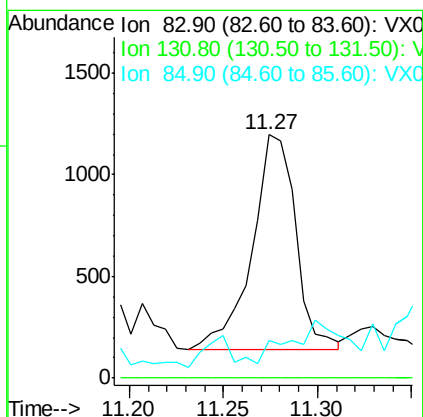
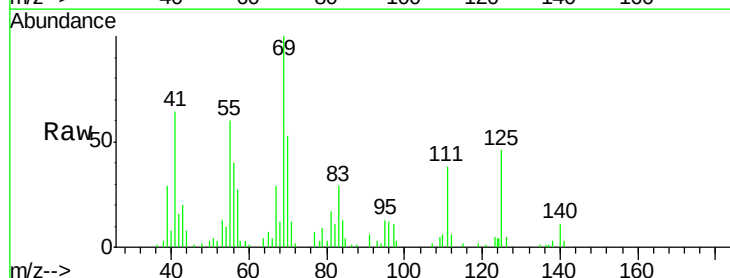
RT: 11.27 min Scan# 1753

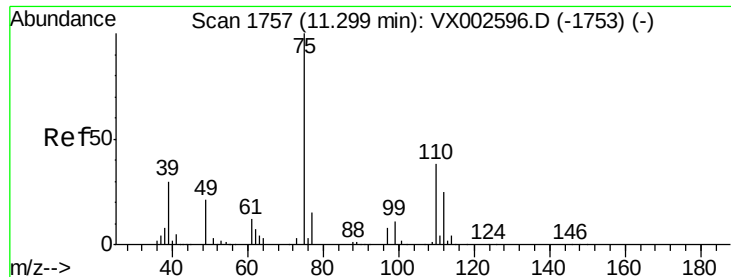
Delta R.T. 0.00 min

Lab File: VX002745.D

Acq: 20 Jun 2018 16:47

Tgt Ion:	83	Resp:	1688
Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.6	16.8#
85	0.0	32.4	97.2#





#76

1,2,3-Trichloropropane

Concen: 26.37 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX002745.D

Acq: 20 Jun 2018 16:47

Instrument :

MSVOA_X

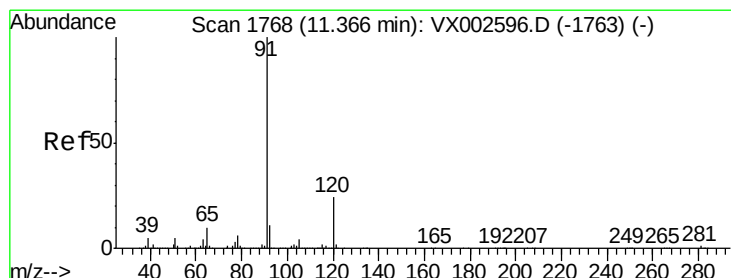
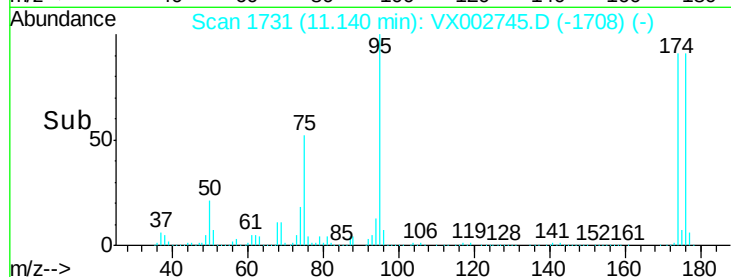
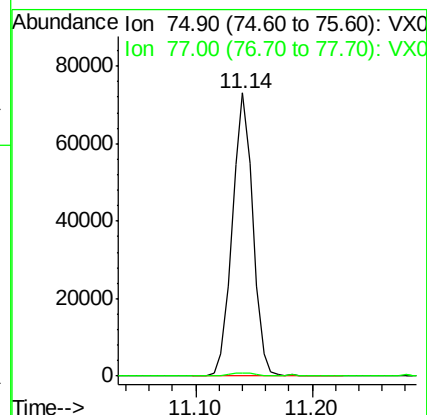
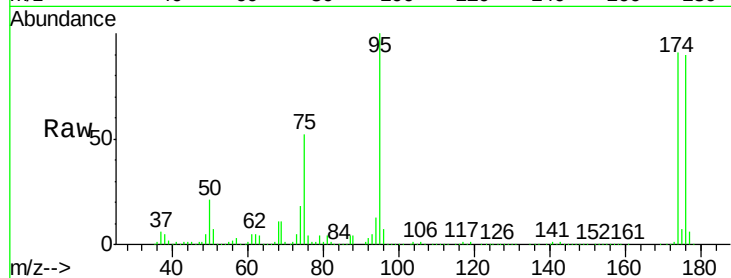
ClientSampleId :

Tot Ion: 75 Resp: 89199

Ion Ratio Lower Upper

75 100

77 1.1 22.8 68.3#



#78

n-propylbenzene

Concen: 0.22 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002745.D

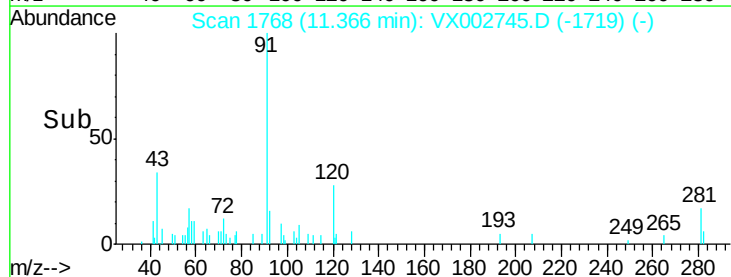
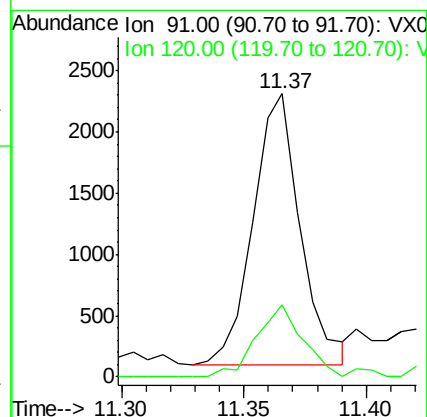
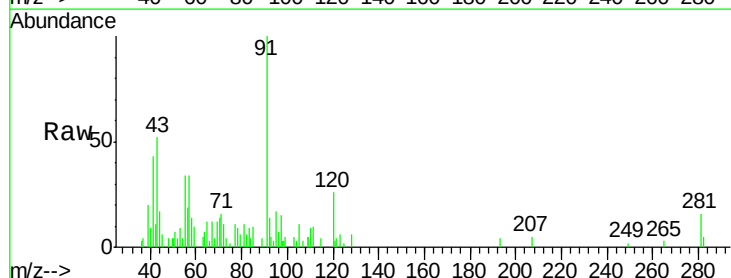
Acq: 20 Jun 2018 16:47

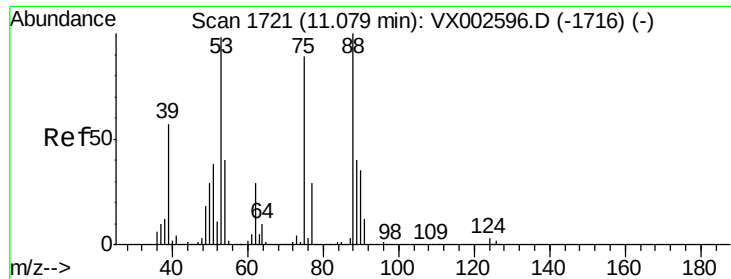
Tgt Ion: 91 Resp: 2975

Ion Ratio Lower Upper

91 100

120 26.1 11.8 35.4





#81

trans-1,4-Dichloro-2-butene

Concen: 81.50 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX002745.D

Acq: 20 Jun 2018 16:47

Instrument :

MSVOA_X

ClientSampled :

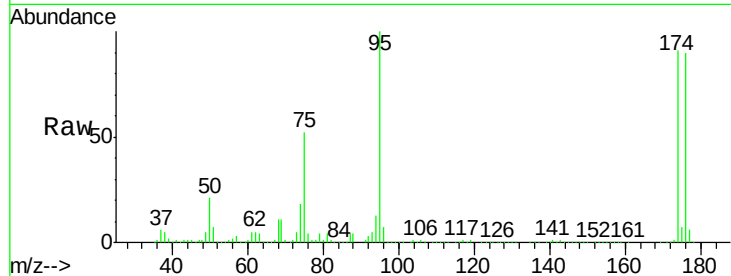
Tot Ion: 75 Resp: 89199

Ion Ratio Lower Upper

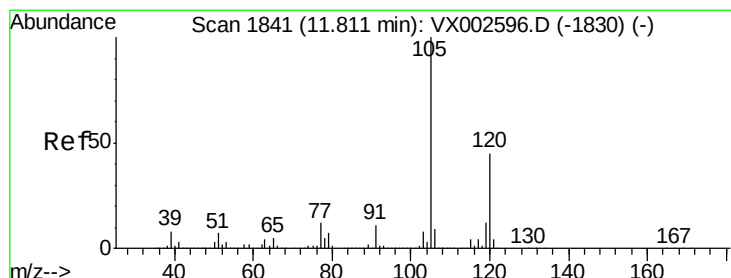
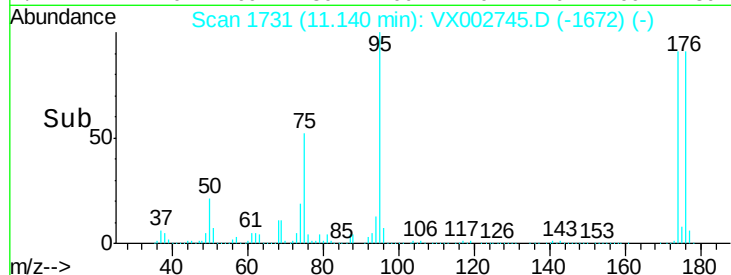
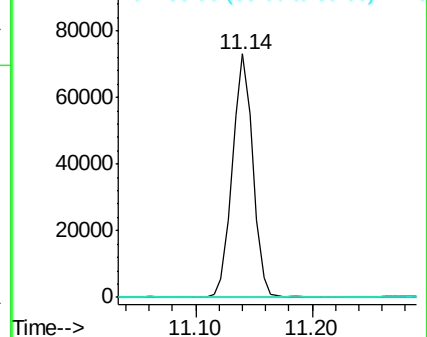
75 100

53 0.1 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



#84

1,2,4-Trimethylbenzene

Concen: 0.86 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VX002745.D

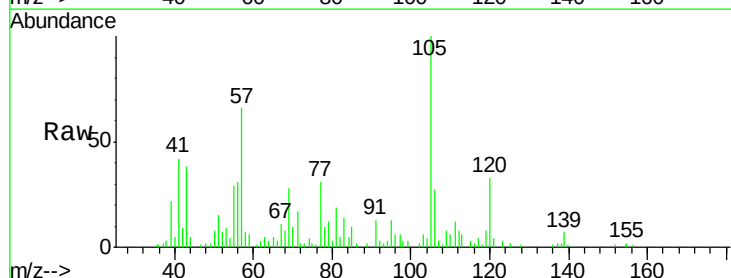
Acq: 20 Jun 2018 16:47

Tgt Ion: 105 Resp: 8852

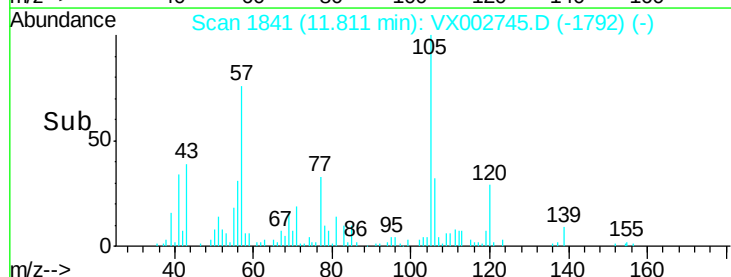
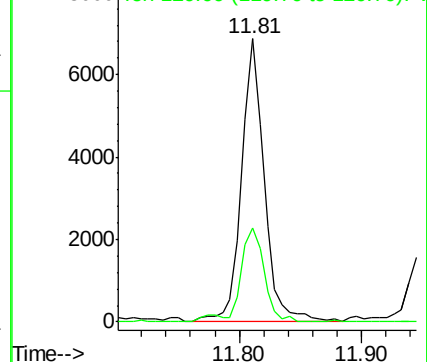
Ion Ratio Lower Upper

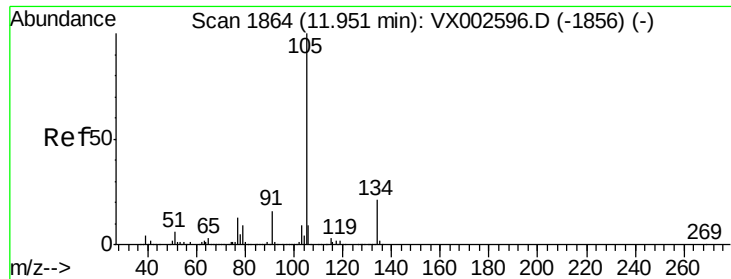
105 100

120 32.5 22.3 66.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 0.20 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX002745.D

Acq: 20 Jun 2018 16:47

Instrument :

MSVOA_X

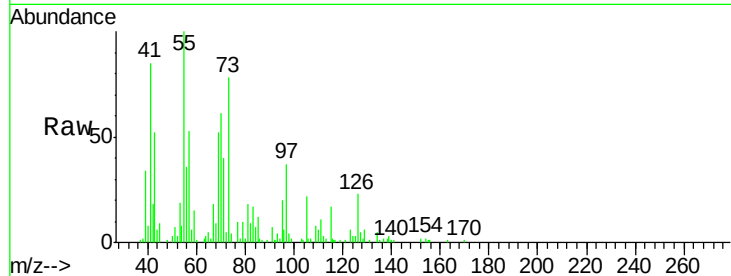
ClientSampleId :

Tot Ion:105 Resp: 2454

Ion Ratio Lower Upper

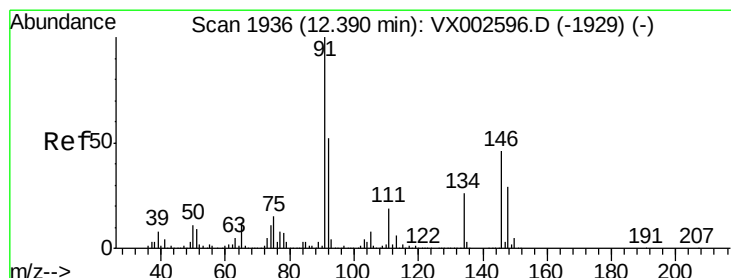
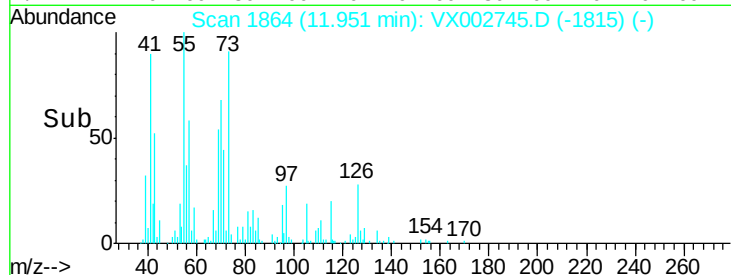
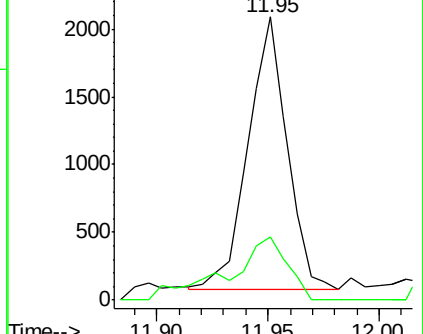
105 100

134 35.1 10.4 31.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#89

n-Butylbenzene

Concen: 0.34 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX002745.D

Acq: 20 Jun 2018 16:47

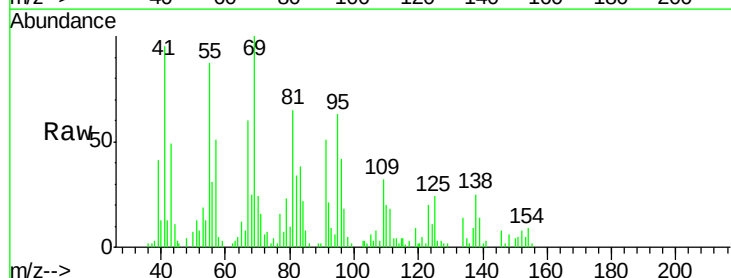
Tgt Ion: 91 Resp: 3337

Ion Ratio Lower Upper

91 100

92 40.3 26.0 78.0

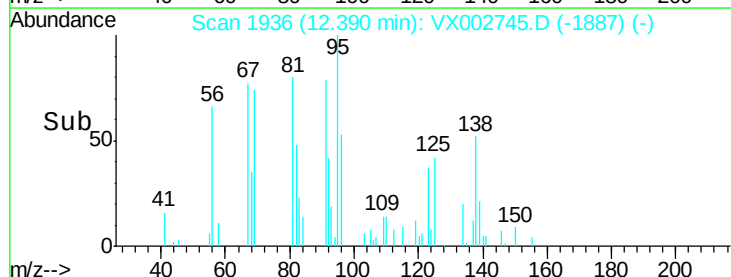
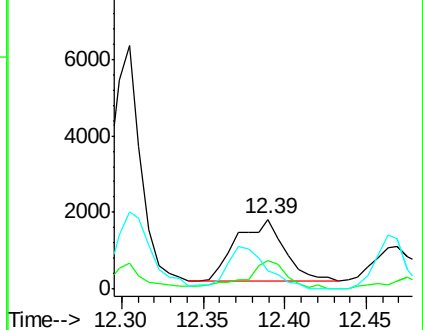
134 57.3 13.5 40.5#

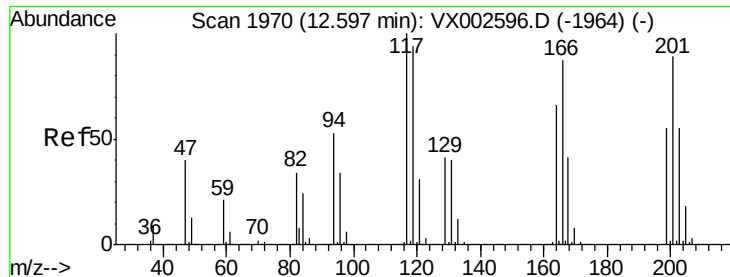


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 3.18 ug/l

RT: 12.67 min Scan# 1982

Delta R.T. 0.07 min

Lab File: VX002745.D

Acq: 20 Jun 2018 16:47

Instrument :

MSVOA_X

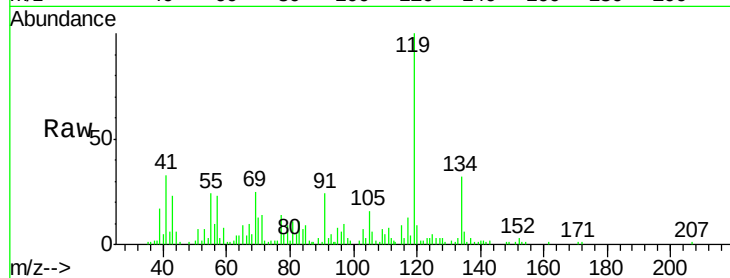
ClientSampleId :

Tot Ion:117 Resp: 999

Ion Ratio Lower Upper

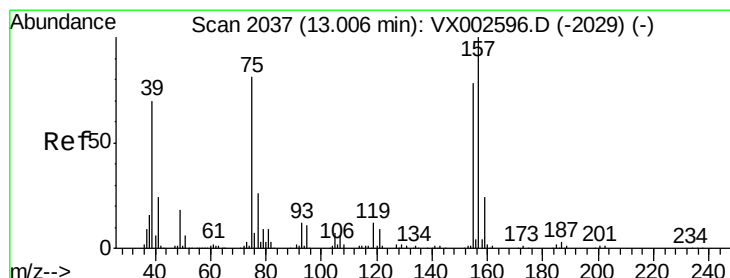
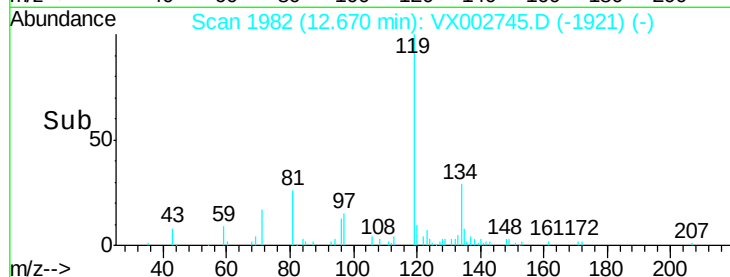
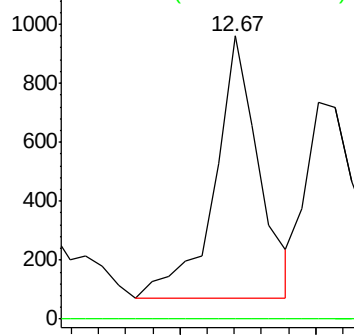
117 100

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



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.25 ug/l

RT: 13.02 min Scan# 2039

Delta R.T. 0.01 min

Lab File: VX002745.D

Acq: 20 Jun 2018 16:47

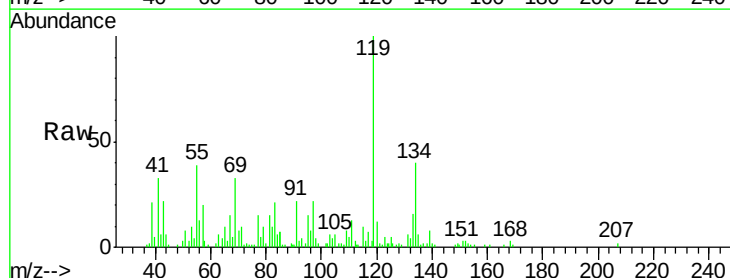
Tgt Ion: 75 Resp: 182

Ion Ratio Lower Upper

75 100

155 113.2 45.8 137.4

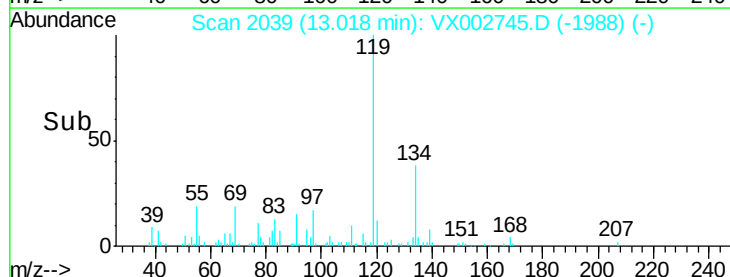
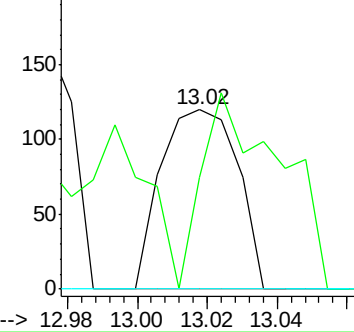
157 0.0 60.1 180.3#

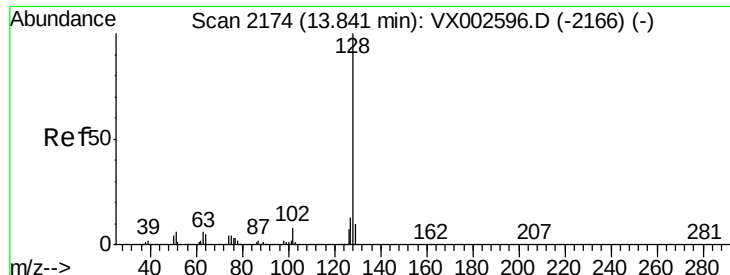


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

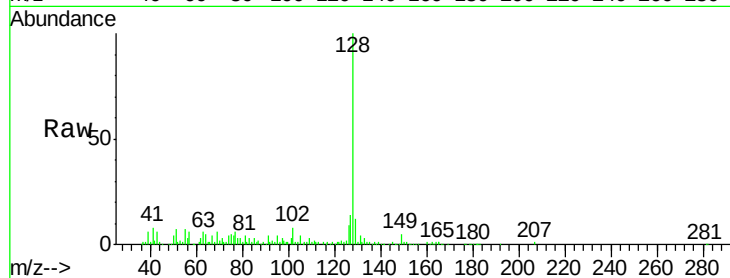




#95
Naphthalene
Concen: 4.23 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX002745.D
Acq: 20 Jun 2018 16:47

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.3	10.4	15.6
129	14.7	8.6	13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

