

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062218\
 Data File : VX002846.D
 Acq On : 22 Jun 2018 22:12
 Operator : JC/MD
 Sample : J3631-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S83-0020

Quant Time: Jun 23 00:27:46 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	228879	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	321213	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	302079	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	176910	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	157817	45.37	ug/l	0.00
Spiked Amount			Recovery	=	90.74%	
35) Dibromofluoromethane	5.51	113	123482	48.17	ug/l	0.00
Spiked Amount			Recovery	=	96.34%	
50) Toluene-d8	8.72	98	458675	47.12	ug/l	0.00
Spiked Amount			Recovery	=	94.24%	
62) 4-Bromofluorobenzene	11.14	95	163512	44.33	ug/l	0.00
Spiked Amount			Recovery	=	88.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.34	50	952	0.33	ug/l #	66
5) Bromomethane	1.66	94	1274	0.70	ug/l	90
6) Chloroethane	1.82	64	510	0.26	ug/l #	43
10) Methyl Iodide	2.52	142	1592	5.57	ug/l #	89
11) Tert butyl alcohol	3.08	59	229	0.32	ug/l #	73
13) Acrolein	2.31	56	224	7.51	ug/l #	14
14) Allyl chloride	2.84	41	8707	1.71	ug/l #	64
15) Acrylonitrile	3.17	53	2416	1.54	ug/l #	39
16) Acetone	2.45	43	27769	18.10	ug/l	98
17) Carbon Disulfide	2.57	76	2595	0.43	ug/l #	92
18) Methyl Acetate	2.85	43	20075	4.91	ug/l #	56
20) Methylene Chloride	2.87	84	723	0.23	ug/l #	54
21) trans-1,2-Dichloroethene	3.17	96	5774	2.08	ug/l	91
27) cis-1,2-Dichloroethene	4.60	96	5999	2.13	ug/l	29
29) Tetrahydrofuran	5.24	42	872	0.66	ug/l #	1
31) Cyclohexane	5.58	56	19788	4.82	ug/l	96
36) 1,1-Dichloropropene	5.67	75	15705	4.60	ug/l #	50
38) Carbon Tetrachloride	5.67	117	21071	6.20	ug/l #	16
39) Methylcyclohexane	7.46	83	11346	2.84	ug/l	95
40) Benzene	6.15	78	2448	0.24	ug/l	94
44) Trichloroethene	7.22	130	18714	6.34	ug/l	92
48) Methyl methacrylate	7.73	41	1180	0.36	ug/l #	55
51) 4-Methyl-2-Pentanone	8.66	43	956	0.23	ug/l #	88
52) Toluene	8.79	92	3281	0.50	ug/l	95
53) t-1,3-Dichloropropene	8.60	75	23	2.40	ug/l #	6
54) cis-1,3-Dichloropropene	9.00	75	37	3.22	ug/l #	32
55) 1,1,2-Trichloroethane	9.17	97	6130	2.32	ug/l #	18
56) Ethyl methacrylate	9.16	69	1443	0.36	ug/l #	1
60) Dibromochloromethane	9.34	129	431	3.89	ug/l #	11
67) Ethyl Benzene	10.26	91	136300	10.89	ug/l	99
68) m/p-Xylenes	10.37	106	13728	2.84	ug/l	97
69) o-Xylene	10.70	106	3288	0.69	ug/l	91
73) Isopropylbenzene	11.02	105	14350	1.21	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.28	83	986	0.28	ug/l #	42

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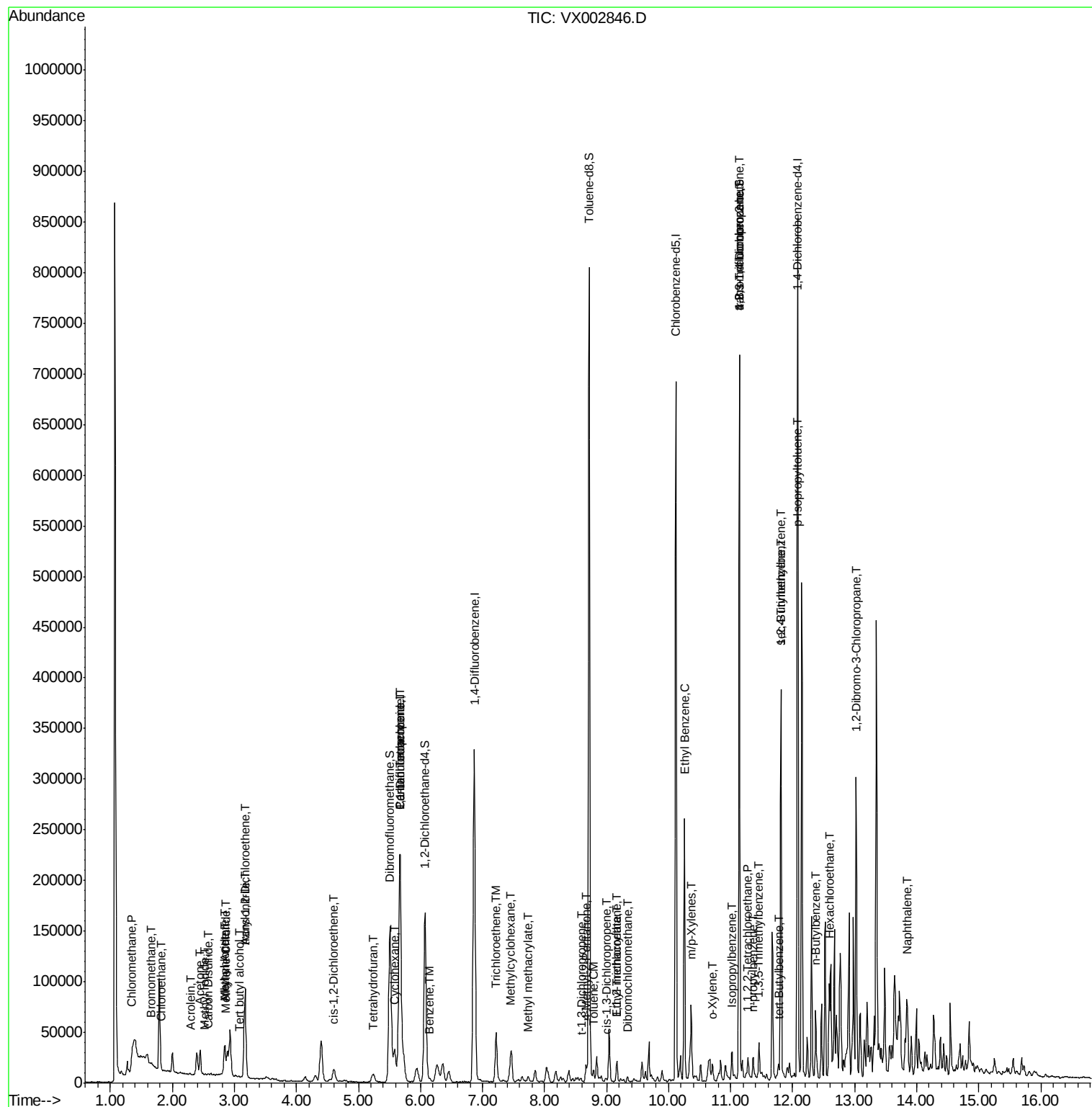
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
76) 1,2,3-Trichloropropane	11.14	75	88131	26.40	ug/l #	33
78) n-propylbenzene	11.37	91	11450	0.84	ug/l	100
80) 1,3,5-Trimethylbenzene	11.46	105	13634	1.36	ug/l	72
81) trans-1,4-Dichloro-2-buten	11.14	75	88131	81.59	ug/l #	7
83) tert-Butylbenzene	11.77	119	4185	0.43	ug/l	91
84) 1,2,4-Trimethylbenzene	11.81	105	154461	15.14	ug/l	98
85) sec-Butylbenzene	11.81	105	154461	12.90	ug/l #	56
86) p-Isopropyltoluene	12.07	119	8130	0.75	ug/l	91
89) n-Butylbenzene	12.37	91	5274	0.55	ug/l #	17
90) Hexachloroethane	12.59	117	3473	4.57	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	13.02	75	1144	1.56	ug/l #	1
95) Naphthalene	13.84	128	42513	3.58	ug/l #	90

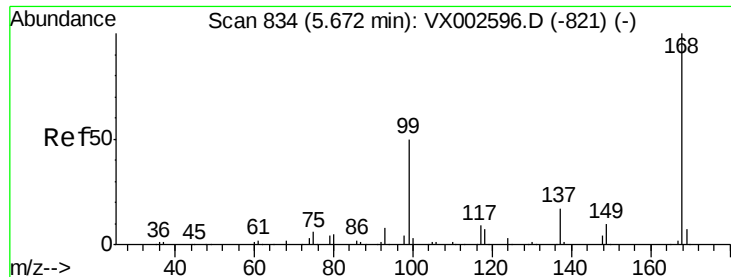
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062218\
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MSVOA_X
ClientSampled :
S83-0020

Quant Time: Jun 23 00:27:46 2018
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QLast Update : Sat Jun 16 01:37:33 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002846.D

Acq: 22 Jun 2018 22:12

Instrument :

MSVOA_X

ClientSampleId :

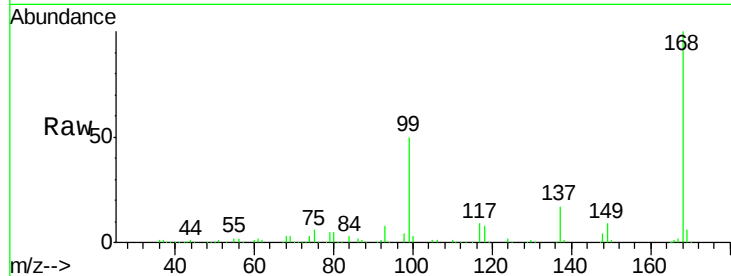
S83-0020

Tot Ion:168 Resp: 228879

Ion Ratio Lower Upper

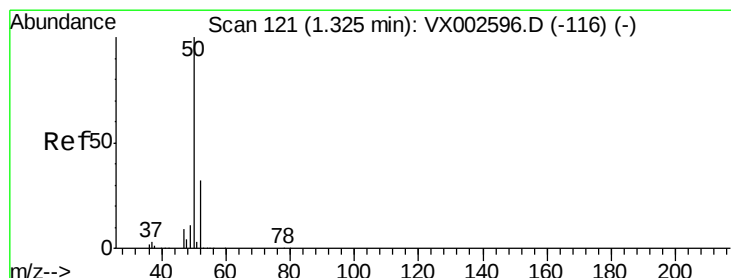
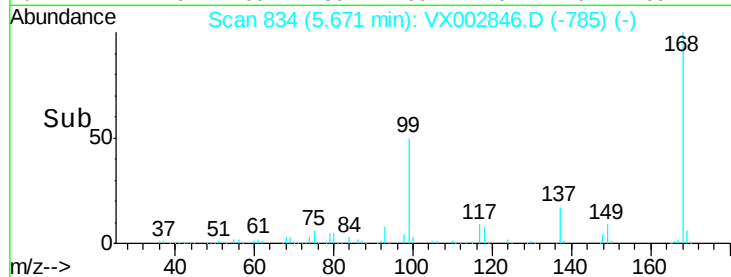
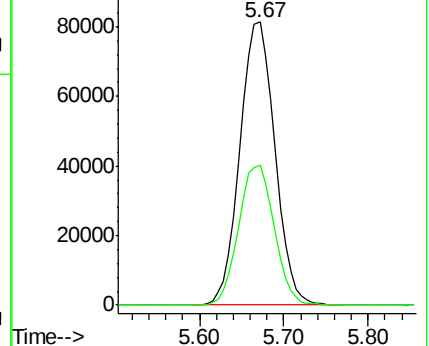
168 100

99 49.6 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: 0.33 ug/l

RT: 1.34 min Scan# 124

Delta R.T. 0.02 min

Lab File: VX002846.D

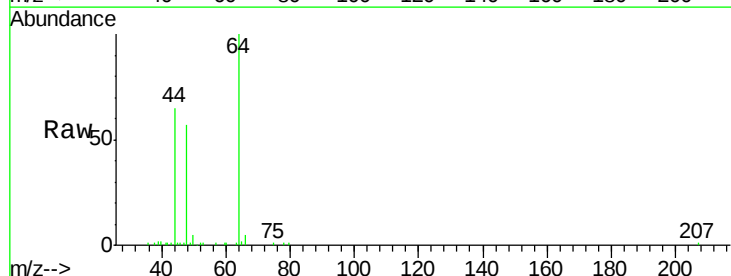
Acq: 22 Jun 2018 22:12

Tgt Ion: 50 Resp: 952

Ion Ratio Lower Upper

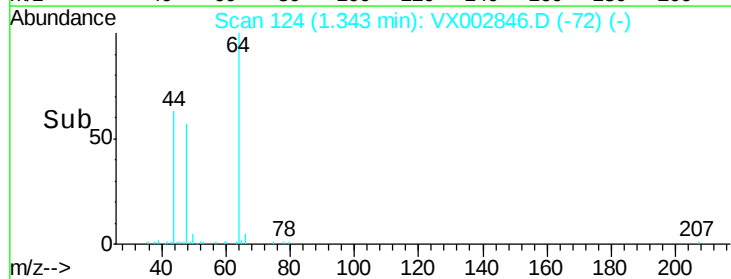
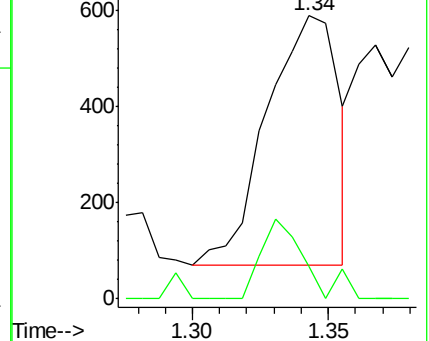
50 100

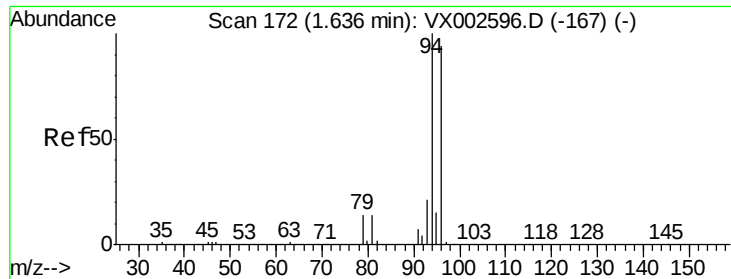
52 13.1 25.7 38.5#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: 0.70 ug/l

RT: 1.66 min Scan# 176

Delta R.T. 0.02 min

Lab File: VX002846.D

Acq: 22 Jun 2018 22:12

Instrument :

MSVOA_X

ClientSampleId :

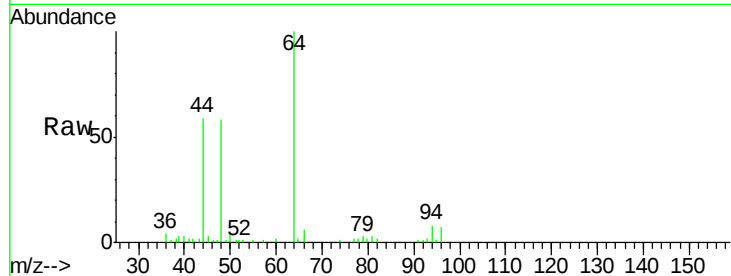
S83-0020

Tot Ion: 94 Resp: 1274

Ion Ratio Lower Upper

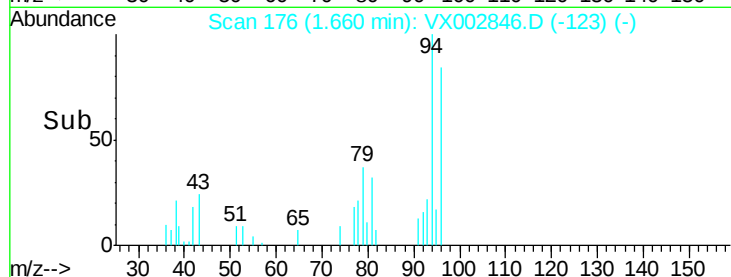
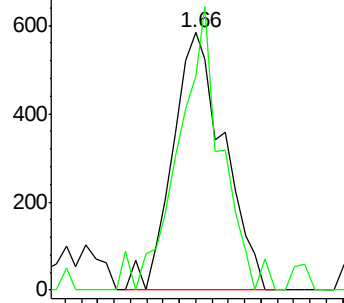
94 100

96 83.5 74.9 112.3

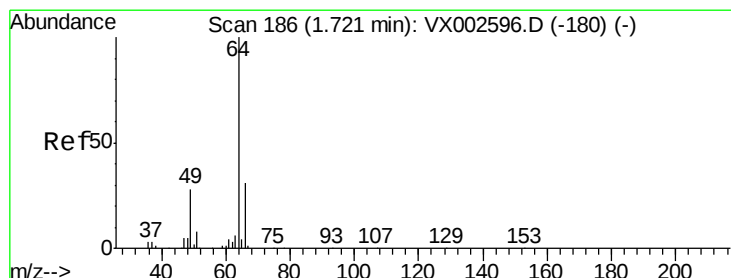


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->



#6

Chloroethane

Concen: 0.26 ug/l

RT: 1.82 min Scan# 203

Delta R.T. 0.10 min

Lab File: VX002846.D

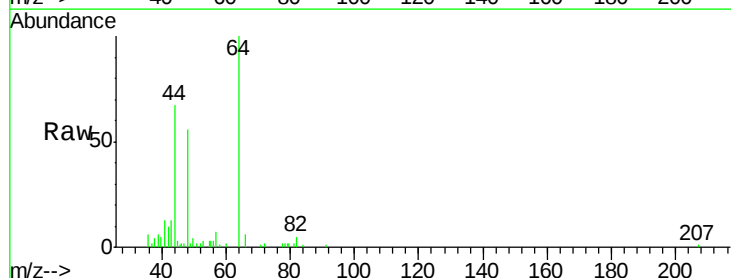
Acq: 22 Jun 2018 22:12

Tgt Ion: 64 Resp: 510

Ion Ratio Lower Upper

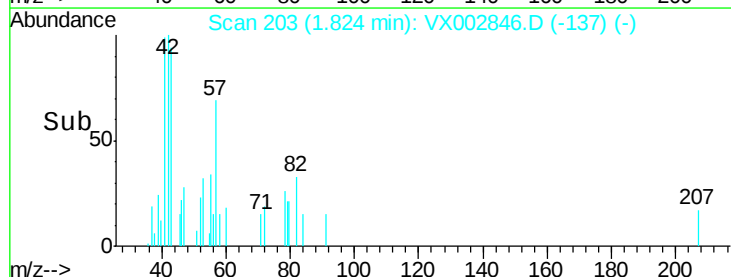
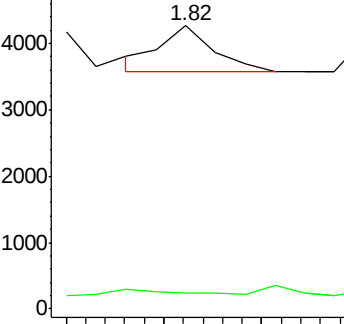
64 100

66 0.0 25.5 38.3#

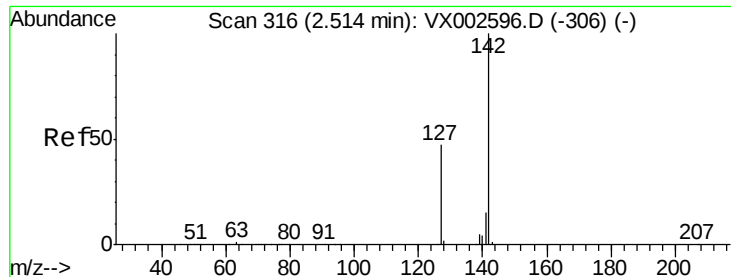


Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



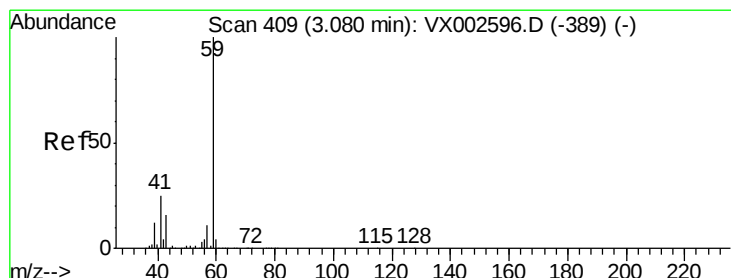
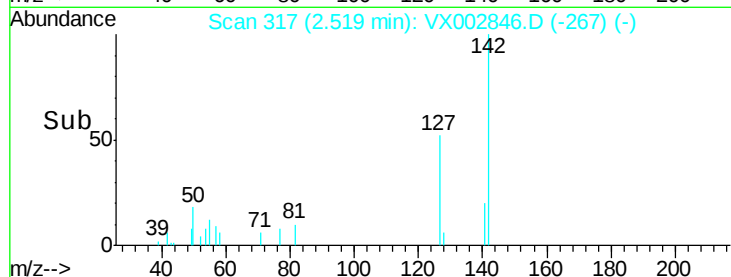
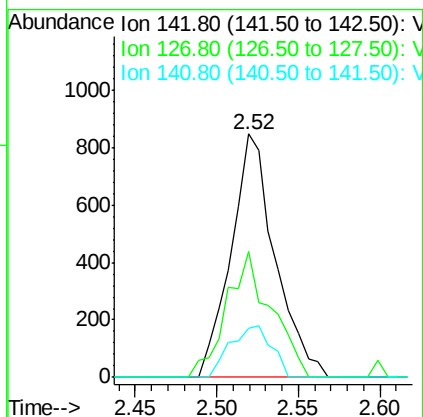
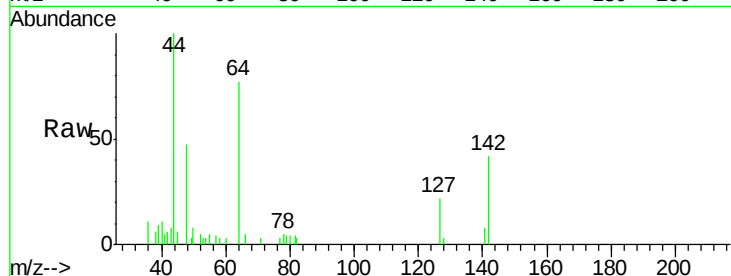
Time-->



#10
Methvl Iodide
Concen: 5.57 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX002846.D
Acq: 22 Jun 2018 22:12

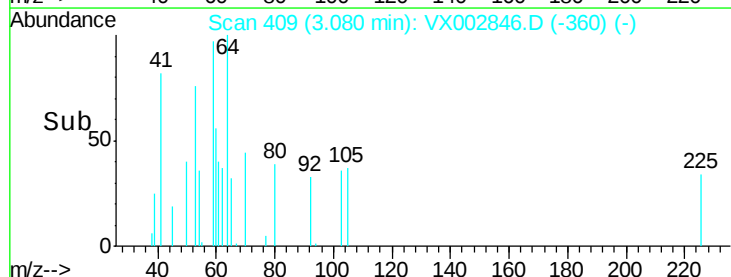
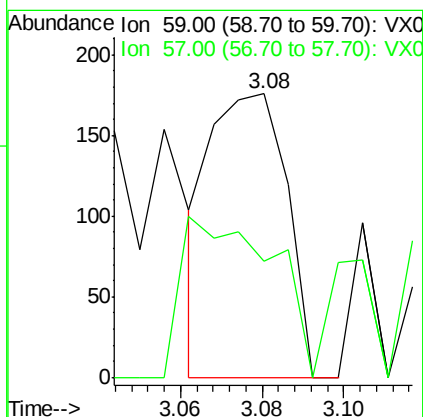
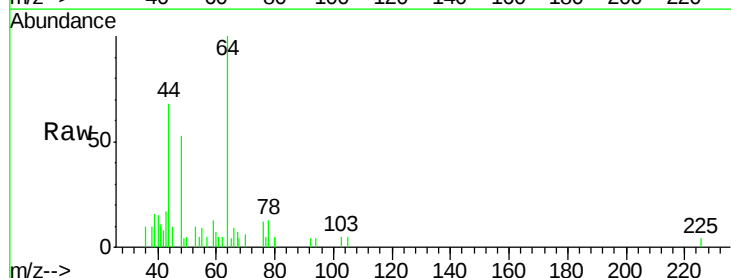
Instrument :
MSVOA_X
ClientSampled :
S83-0020

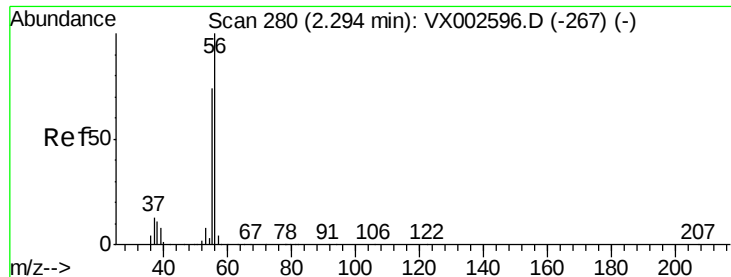
Tot Ion:142 Resp: 1592
Ion Ratio Lower Upper
142 100
127 52.2 36.6 55.0
141 19.8 11.3 16.9#



#11
Tert butyl alcohol
Concen: 0.32 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.00 min
Lab File: VX002846.D
Acq: 22 Jun 2018 22:12

Tgt Ion: 59 Resp: 229
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#





#13

Acrolein

Concen: 7.51 ug/l

RT: 2.31 min Scan# 282

Delta R.T. 0.01 min

Lab File: VX002846.D

Acq: 22 Jun 2018 22:12

Instrument :

MSVOA_X

ClientSampleId :

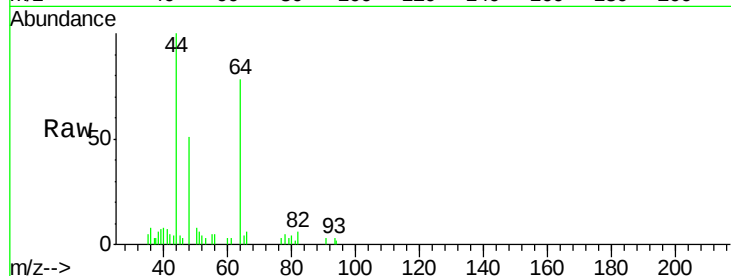
S83-0020

Tot Ion: 56 Resp: 224

Ion Ratio Lower Upper

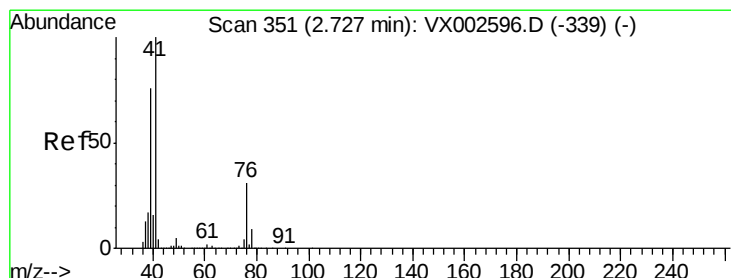
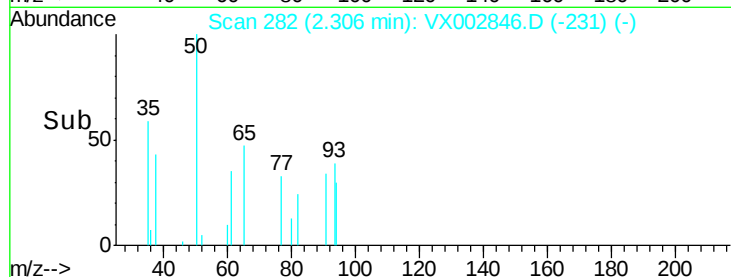
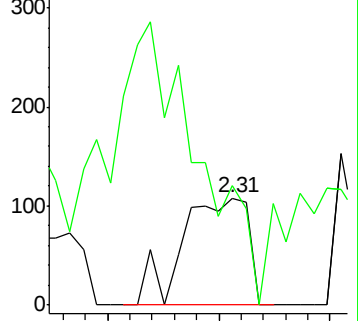
56 100

55 0.0 57.0 85.4#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 1.71 ug/l

RT: 2.84 min Scan# 370

Delta R.T. 0.12 min

Lab File: VX002846.D

Acq: 22 Jun 2018 22:12

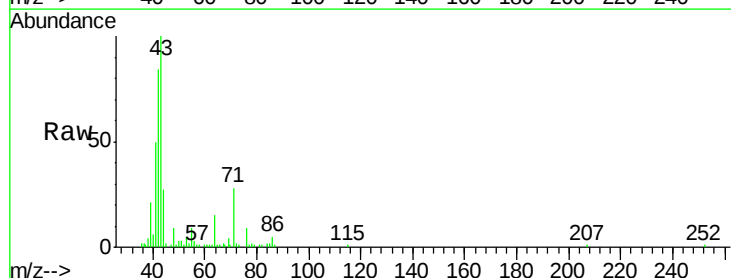
Tgt Ion: 41 Resp: 8707

Ion Ratio Lower Upper

41 100

39 48.4 56.8 85.2#

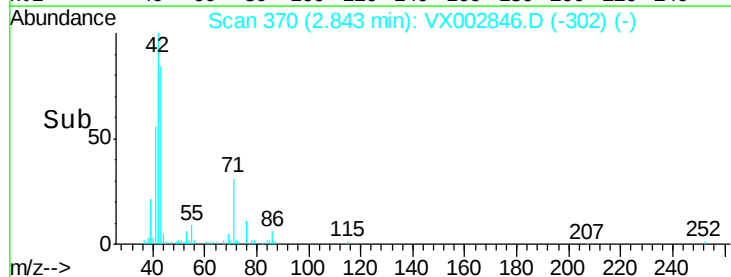
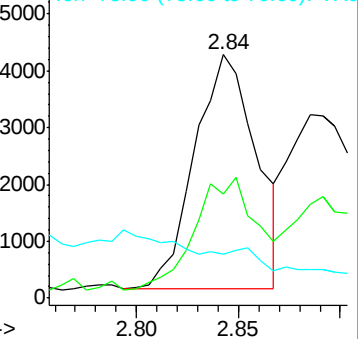
76 0.0 23.8 35.8#

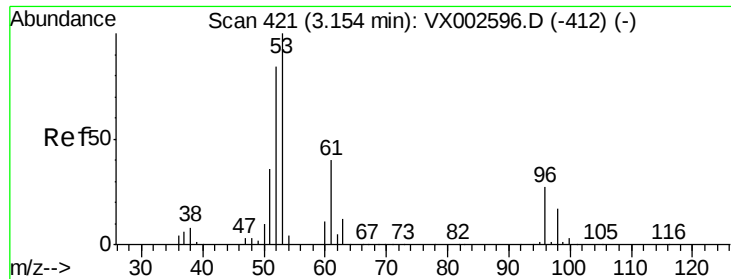


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 1.54 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.02 min

Lab File: VX002846.D

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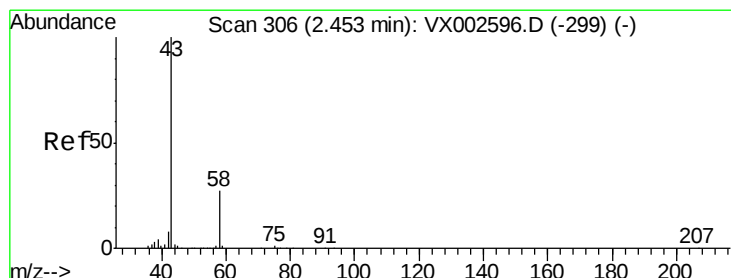
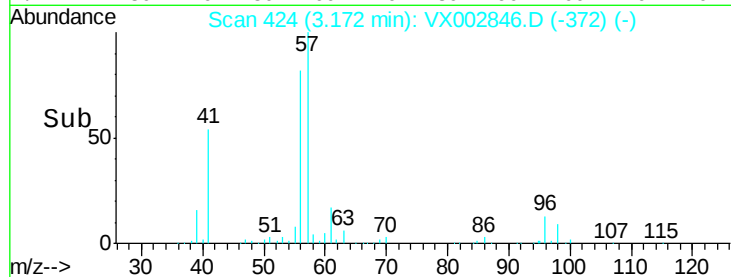
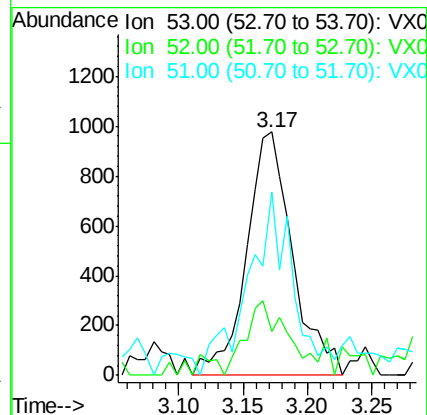
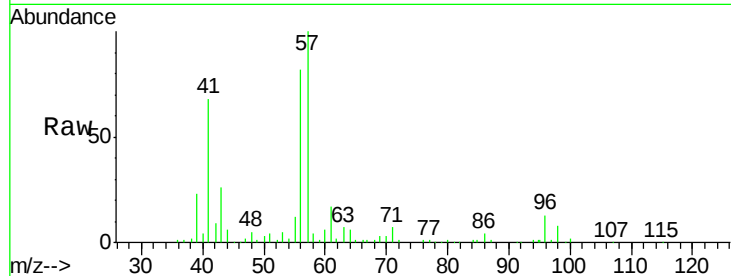
Tot Ion: 53 Resp: 2416

Ion Ratio Lower Upper

53 100

52 27.9 66.7 100.1#

51 73.2 29.9 44.9#



#16

Acetone

Concen: 18.10 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX002846.D

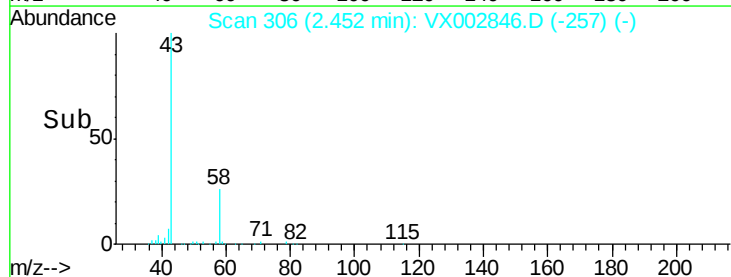
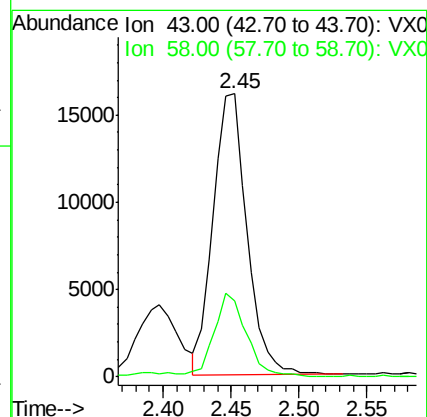
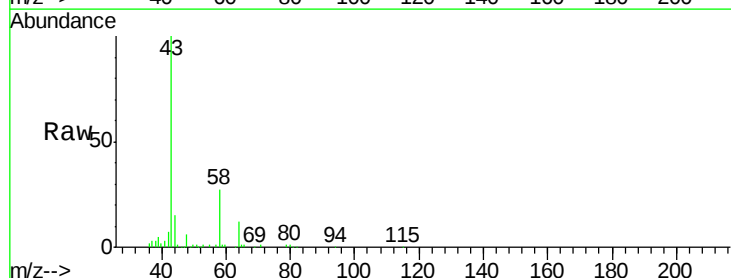
Acq: 22 Jun 2018 22:12

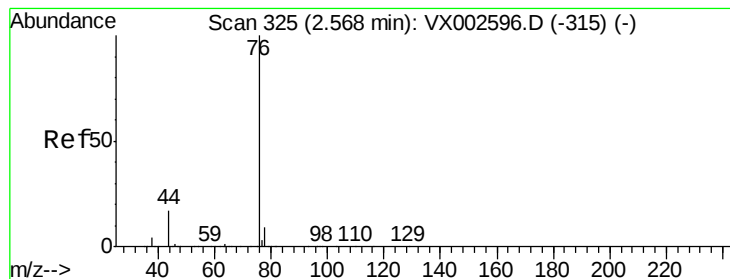
Tgt Ion: 43 Resp: 27769

Ion Ratio Lower Upper

43 100

58 26.5 22.1 33.1





#17

Carbon Disulfide

Concen: 0.43 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX002846.D

Acq: 22 Jun 2018 22:12

Instrument :

MSVOA_X

ClientSampleId :

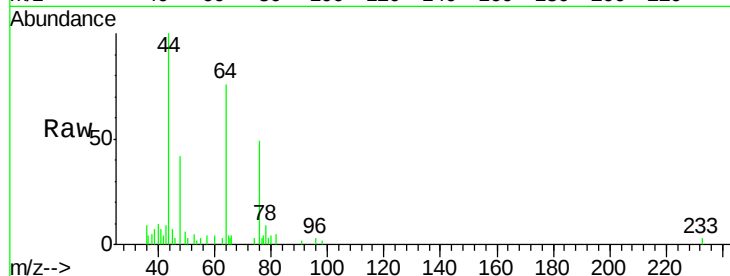
S83-0020

Tot Ion: 76 Resp: 2595

Ion Ratio Lower Upper

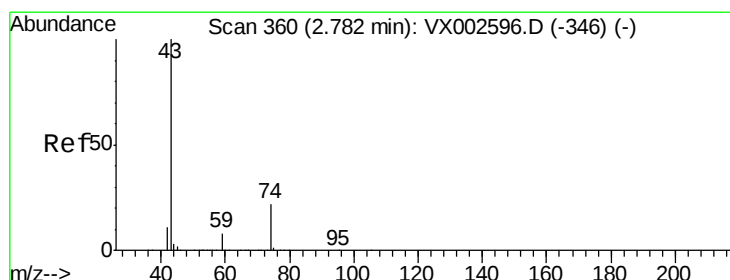
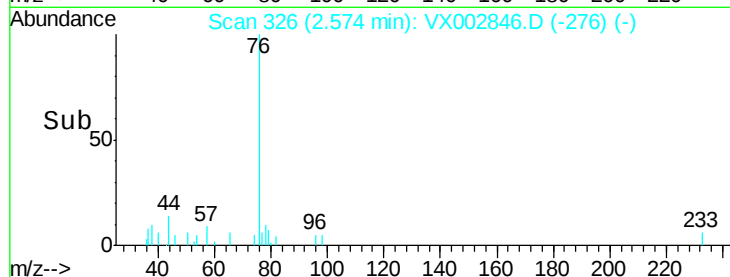
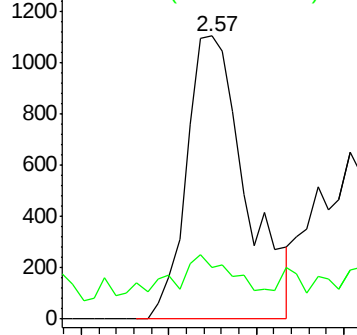
76 100

78 5.9 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: 4.91 ug/l

RT: 2.85 min Scan# 371

Delta R.T. 0.07 min

Lab File: VX002846.D

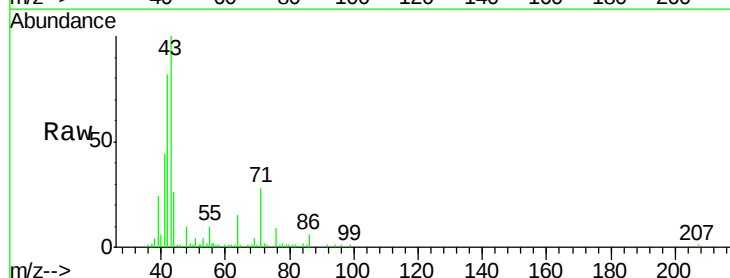
Acq: 22 Jun 2018 22:12

Tgt Ion: 43 Resp: 20075

Ion Ratio Lower Upper

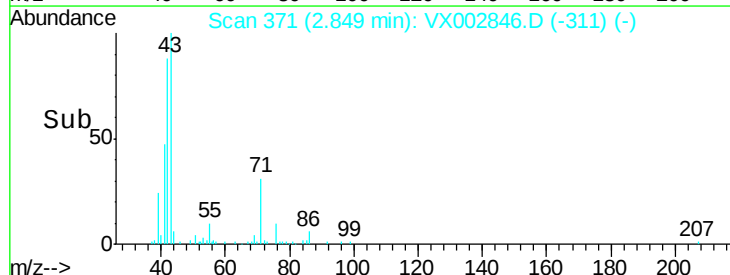
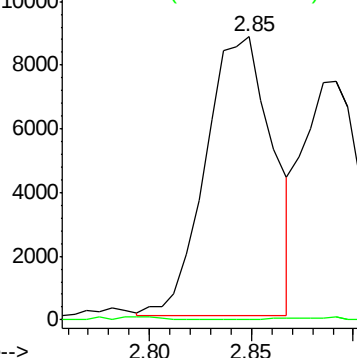
43 100

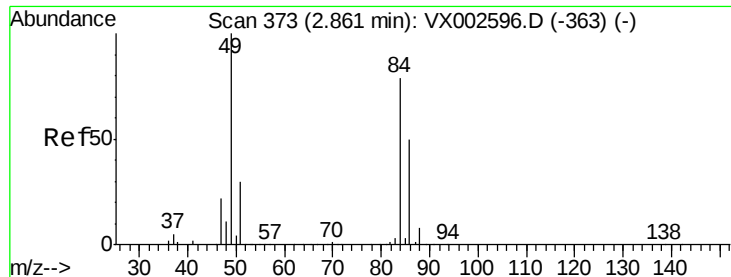
74 0.3 16.7 25.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#20

Methylene Chloride

Concen: 0.23 ug/l

RT: 2.87 min Scan# 374

Delta R.T. 0.01 min

Lab File: VX002846.D

Acq: 22 Jun 2018 22:12

Instrument :

MSVOA_X

ClientSampleId :

S83-0020

Tot Ion: 84 Resp: 723

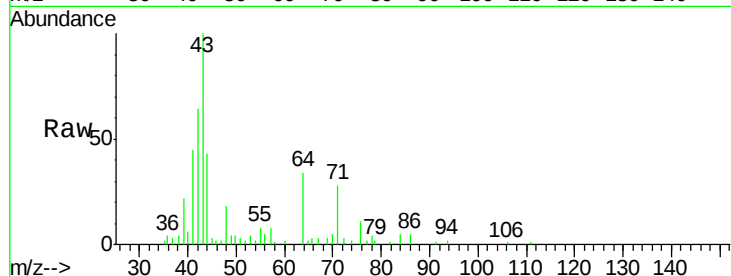
Ion Ratio Lower Upper

84 100

49 89.6 107.8 161.6#

51 11.8 32.8 49.2#

86 115.6 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

800

600

400

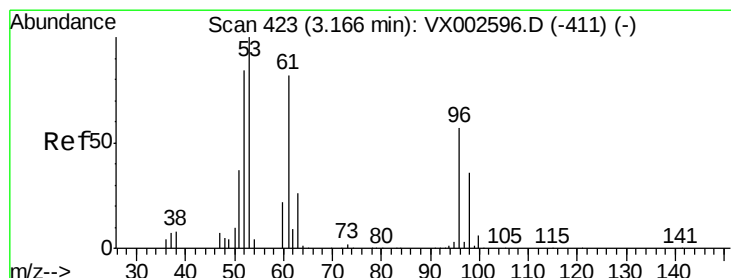
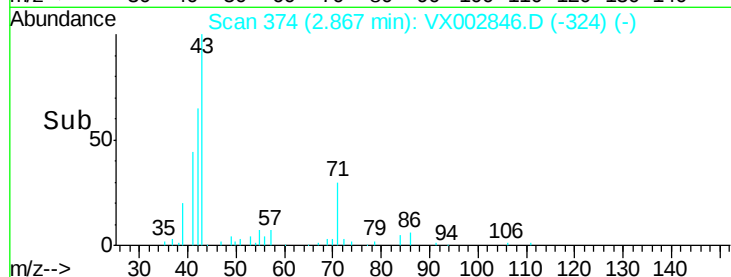
200

0

2.80 2.85 2.90

2.87

Time-->



#21

trans-1,2-Dichloroethene

Concen: 2.08 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002846.D

Acq: 22 Jun 2018 22:12

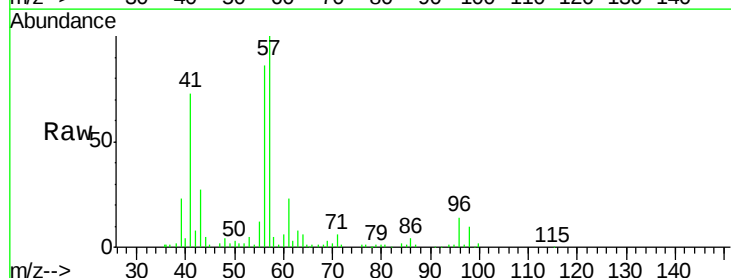
Tgt Ion: 96 Resp: 5774

Ion Ratio Lower Upper

96 100

61 160.0 117.0 175.4

98 68.8 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

6000

5000

4000

3000

2000

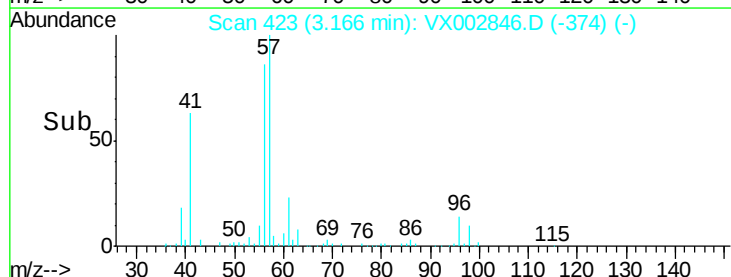
1000

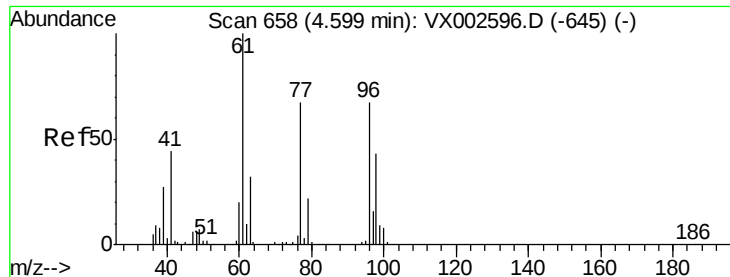
0

3.10 3.15 3.20 3.25

3.17

Time-->





#27

cis-1,2-Dichloroethene

Concen: 2.13 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX002846.D

Acq: 22 Jun 2018 22:12

Instrument :

MSVOA_X

ClientSampleId :

S83-0020

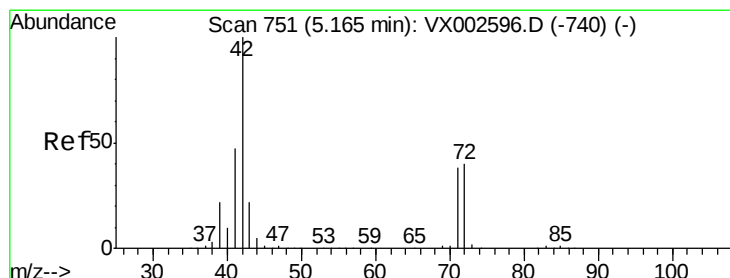
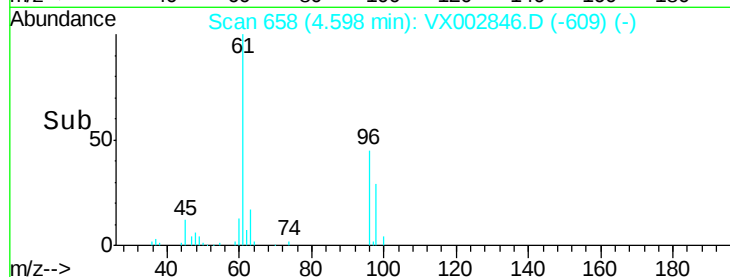
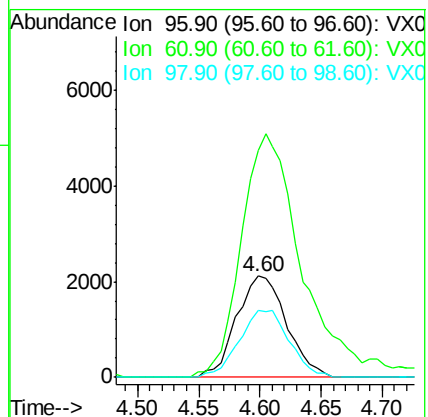
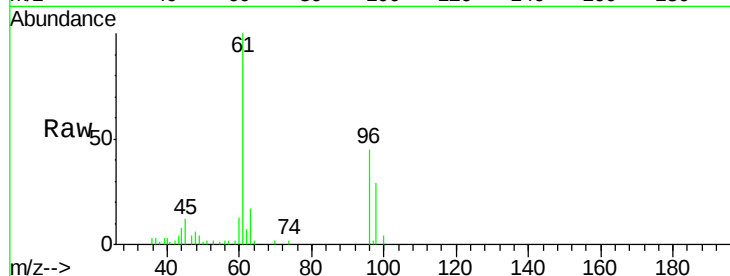
Tot Ion: 96 Resp: 5999

Ion Ratio Lower Upper

96 100

61 297.0 0.0 330.2

98 66.2 0.0 130.2



#29

Tetrahydrofuran

Concen: 0.66 ug/l

RT: 5.24 min Scan# 763

Delta R.T. 0.07 min

Lab File: VX002846.D

Acq: 22 Jun 2018 22:12

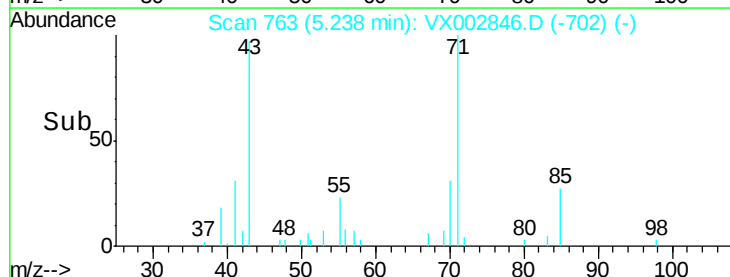
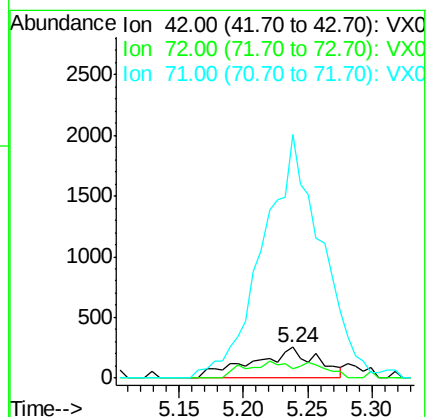
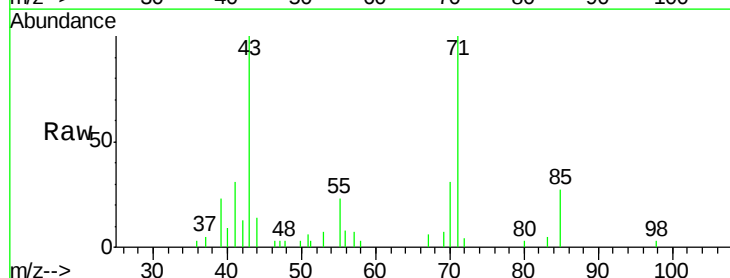
Tgt Ion: 42 Resp: 872

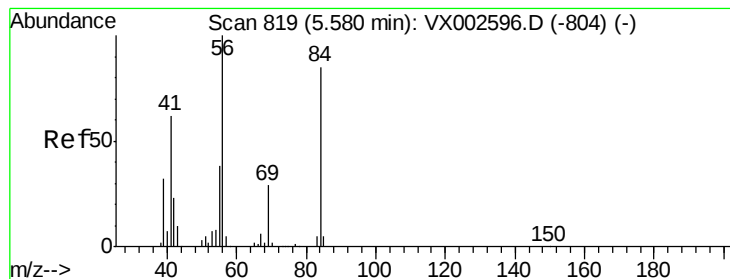
Ion Ratio Lower Upper

42 100

72 8.1 32.0 48.0#

71 730.6 30.1 45.1#





#31

Cyclohexane

Concen: 4.82 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX002846.D

Acq: 22 Jun 2018 22:12

Instrument :

MSVOA_X

ClientSampleId :

S83-0020

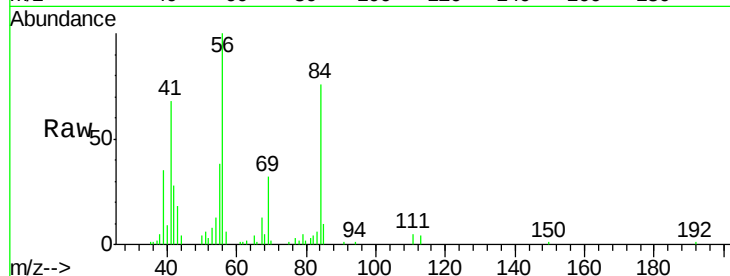
Tot Ion: 56 Resp: 19788

Ion Ratio Lower Upper

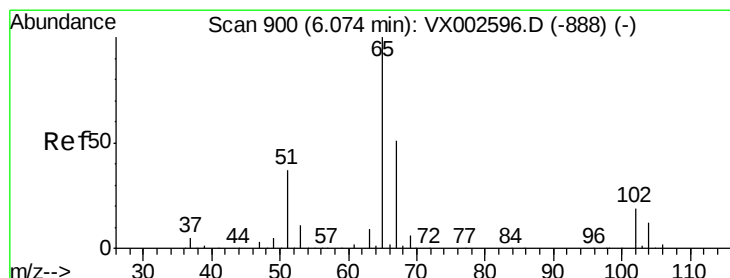
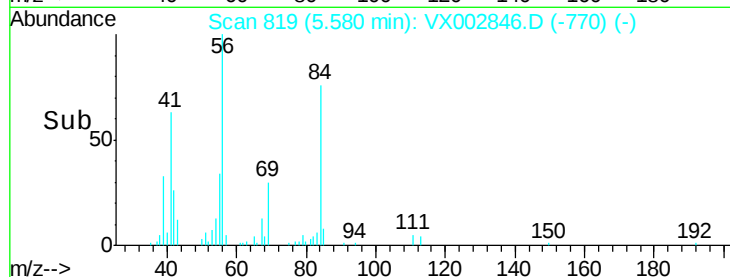
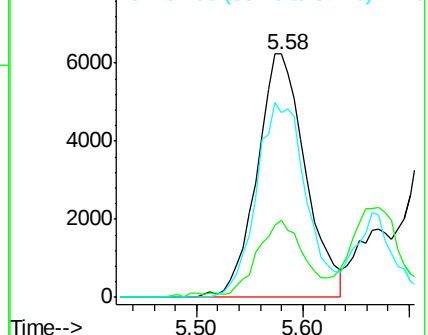
56 100

69 29.9 23.7 35.5

84 75.7 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: 45.37 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002846.D

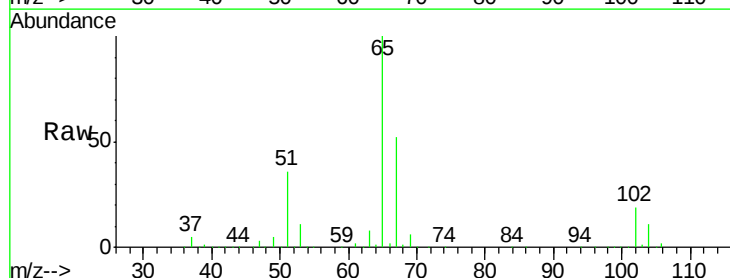
Acq: 22 Jun 2018 22:12

Tgt Ion: 65 Resp: 157817

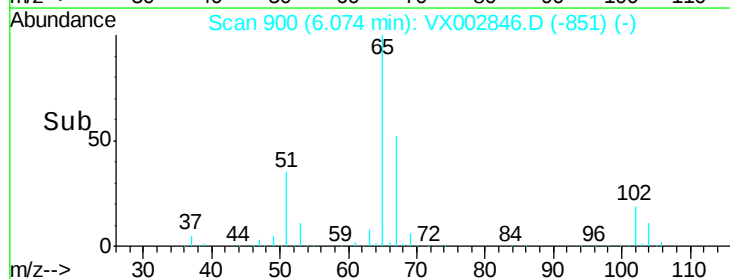
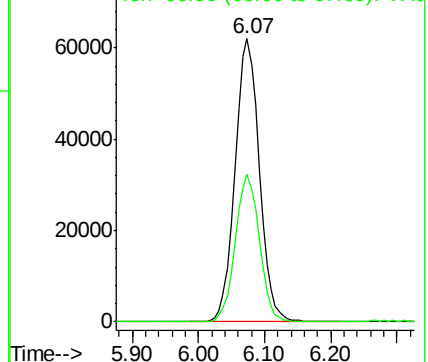
Ion Ratio Lower Upper

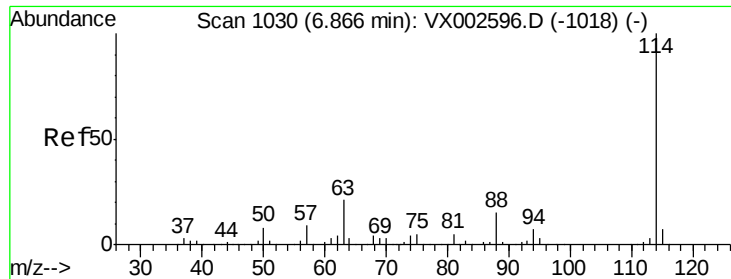
65 100

67 51.9 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

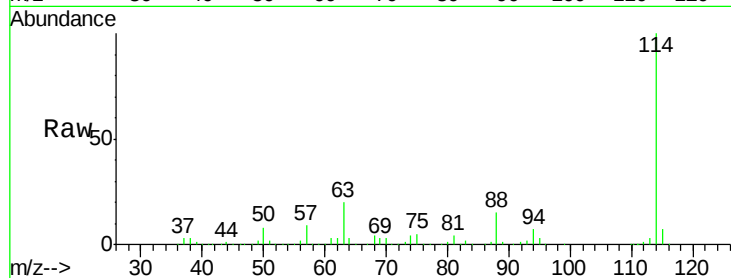




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002846.D
 Acq: 22 Jun 2018 22:12

Instrument :
 MSVOA_X
 ClientSampleId :
 S83-0020

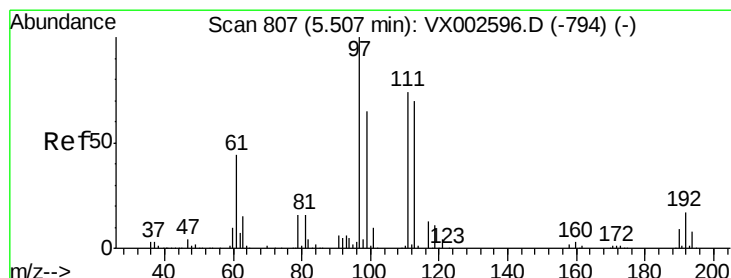
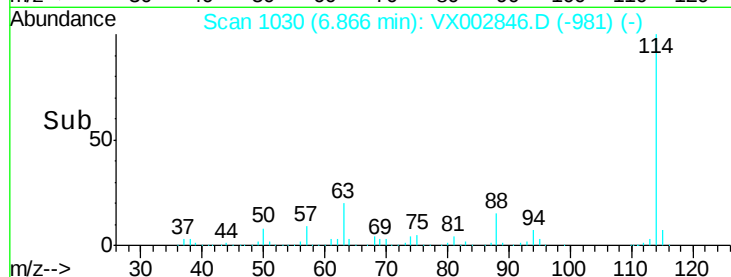
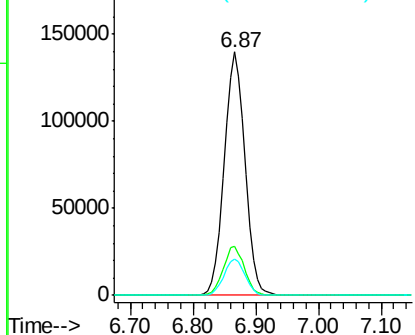
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	41.4
88	14.8	0.0	30.0



Abundance Ion 113.90 (113.60 to 114.60): V

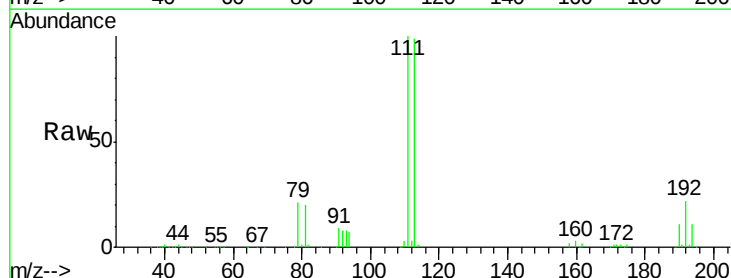
Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35
 Dibromofluoromethane
 Concen: 48.17 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX002846.D
 Acq: 22 Jun 2018 22:12

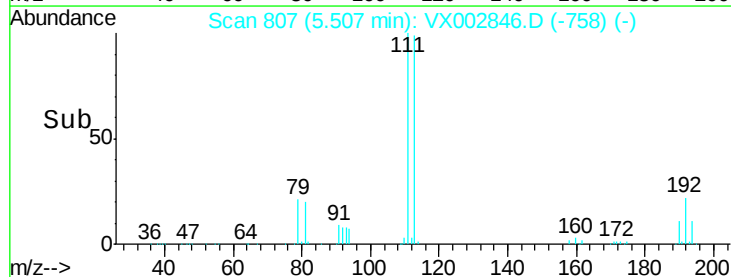
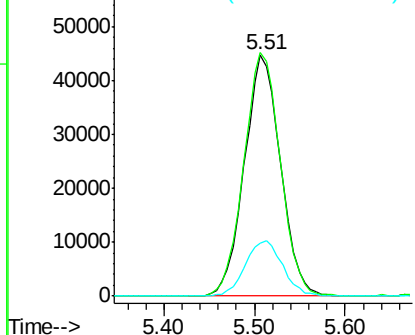
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.4	122.0
192	23.8	19.1	28.7

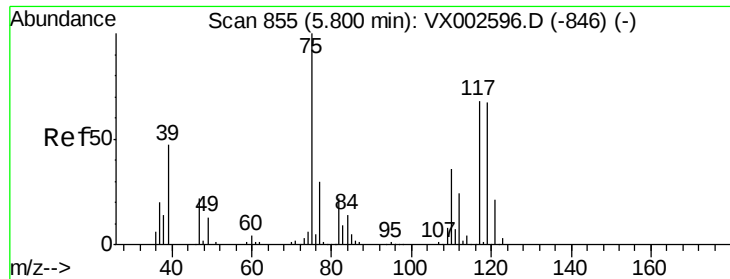


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

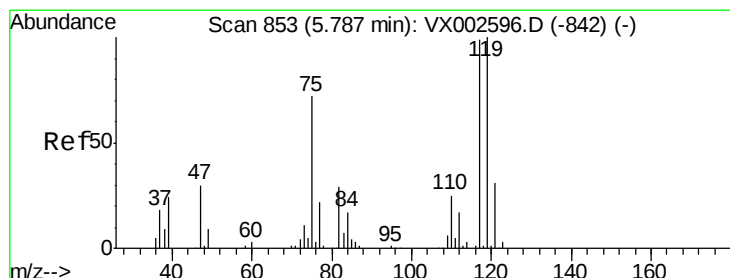
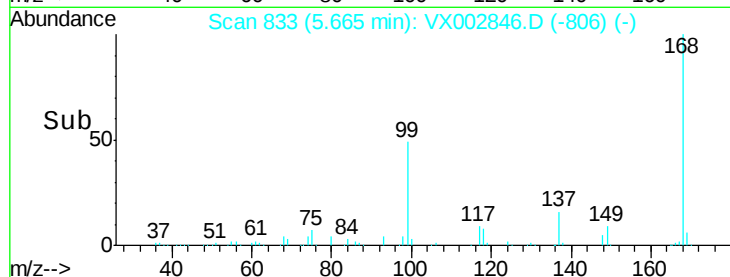
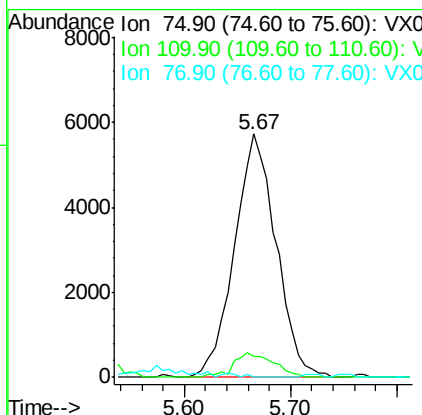
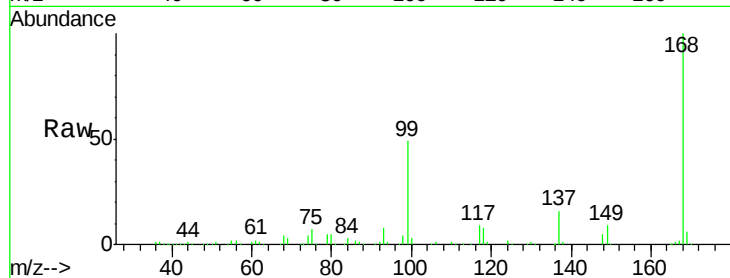




#36
 1,1-Dichloropropene
 Concen: 4.60 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.13 min
 Lab File: VX002846.D
 Acq: 22 Jun 2018 22:12

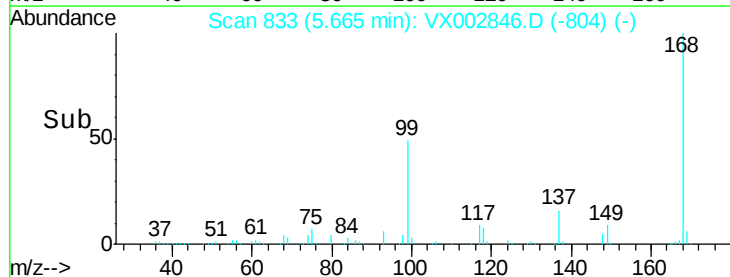
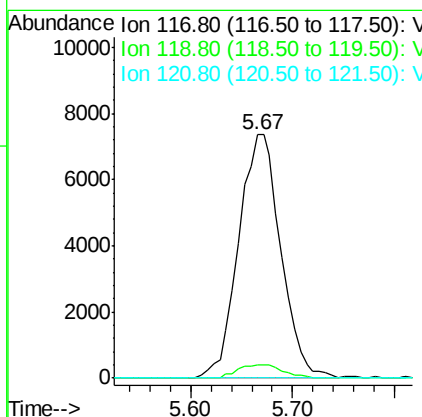
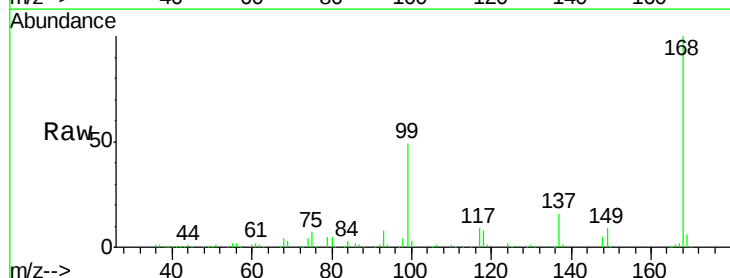
Instrument :
 MSVOA_X
 ClientSampleId :
 S83-0020

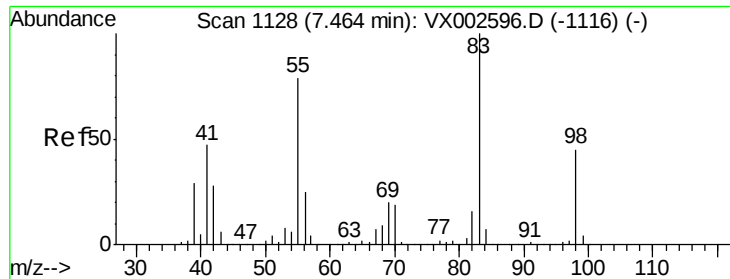
Tot Ion	75	Resp	15705
Ion Ratio	100	Lower	Upper
75	100		
110	9.7	18.1	54.4#
77	0.0	24.3	36.5#



#38
 Carbon Tetrachloride
 Concen: 6.20 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.12 min
 Lab File: VX002846.D
 Acq: 22 Jun 2018 22:12

Tgt Ion	117	Resp	21071
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
117	100		
119	5.6	77.4	116.0#
121	0.0	24.4	36.6#

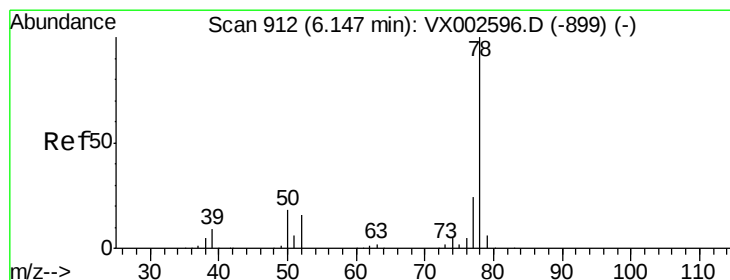
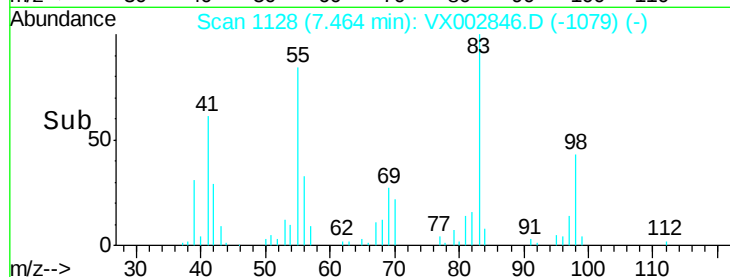
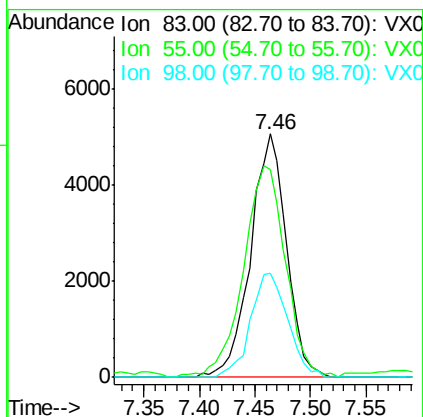
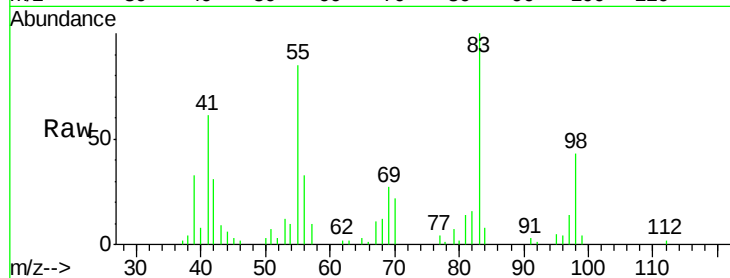




#39
Methvlcvclohexane
Concen: 2.84 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002846.D
Acq: 22 Jun 2018 22:12

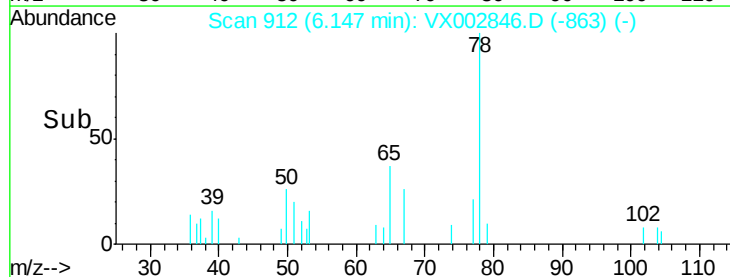
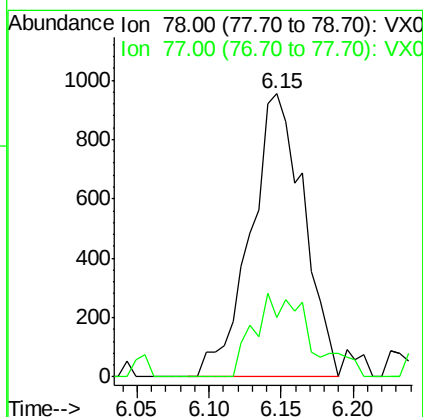
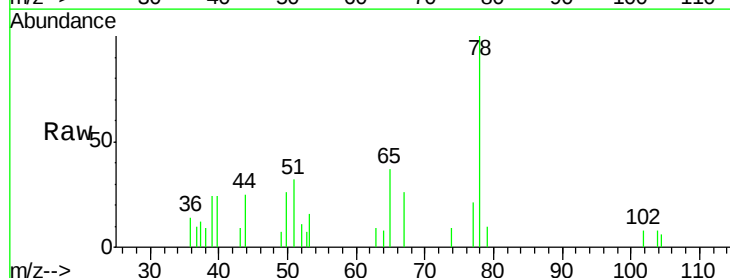
Instrument :
MSVOA_X
ClientSampleId :
S83-0020

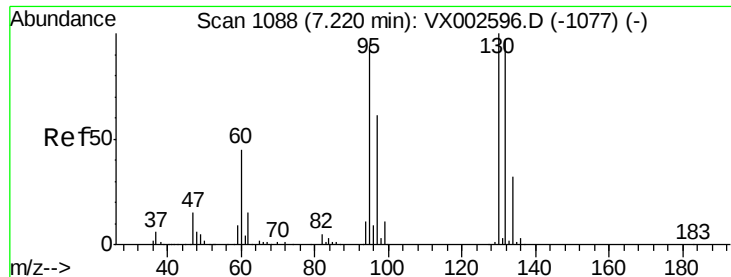
Tot Ion: 83 Resp: 11346
Ion Ratio Lower Upper
83 100
55 85.2 65.4 98.0
98 43.0 37.4 56.0



#40
Benzene
Concen: 0.24 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002846.D
Acq: 22 Jun 2018 22:12

Tgt Ion: 78 Resp: 2448
Ion Ratio Lower Upper
78 100
77 20.8 19.1 28.7





#44

Trichloroethene

Concen: 6.34 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX002846.D

Acq: 22 Jun 2018 22:12

Instrument :

MSVOA_X

ClientSampleId :

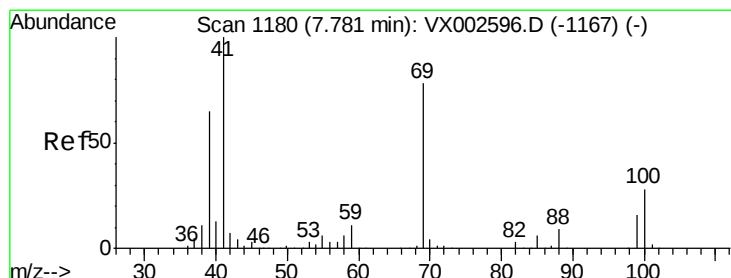
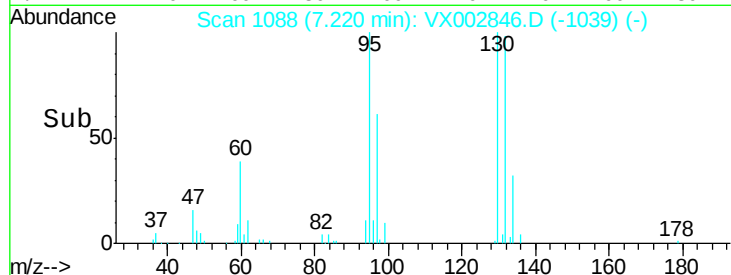
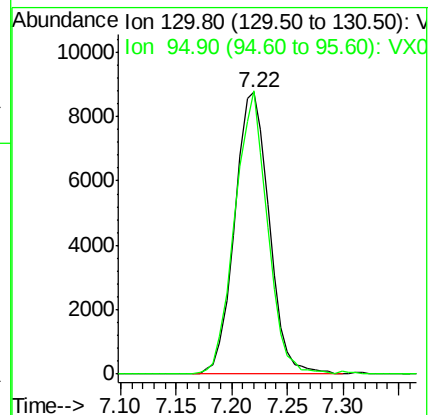
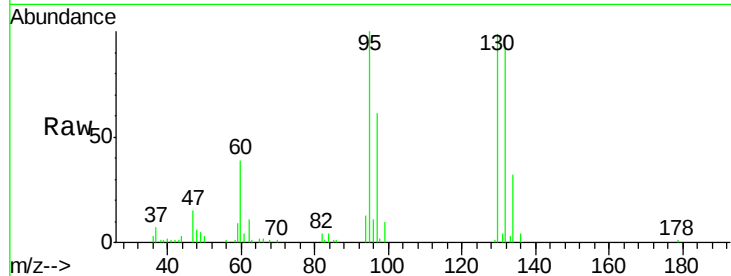
S83-0020

Tot Ion:130 Resp: 18714

Ion Ratio Lower Upper

130 100

95 100.5 0.0 185.4



#48

Methyl methacrylate

Concen: 0.36 ug/l

RT: 7.73 min Scan# 1172

Delta R.T. -0.05 min

Lab File: VX002846.D

Acq: 22 Jun 2018 22:12

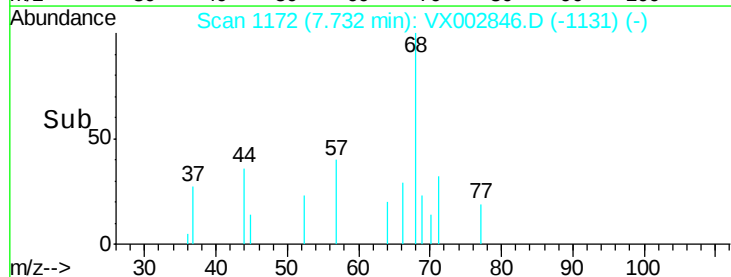
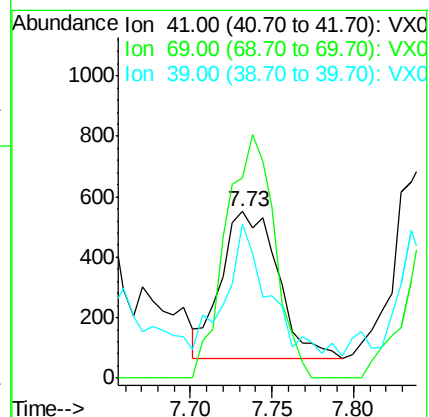
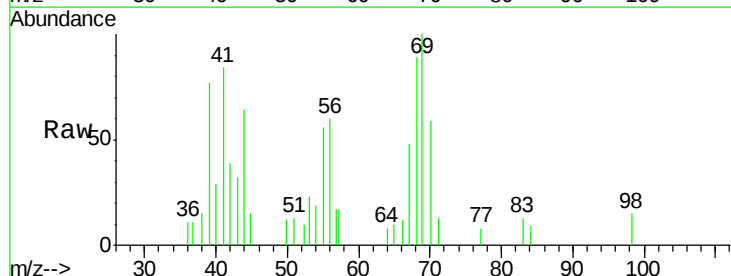
Tgt Ion: 41 Resp: 1180

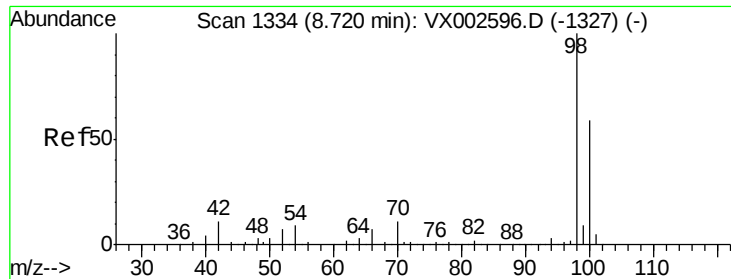
Ion Ratio Lower Upper

41 100

69 142.3 59.1 88.7#

39 62.8 48.9 73.3

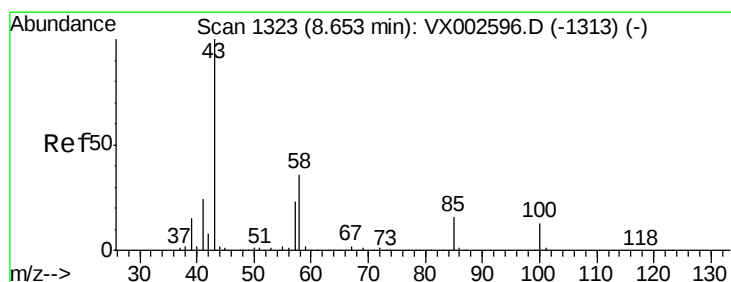
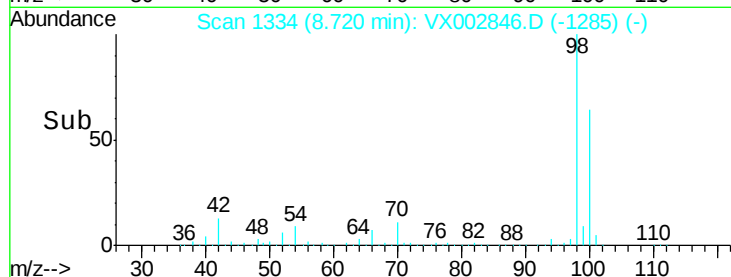
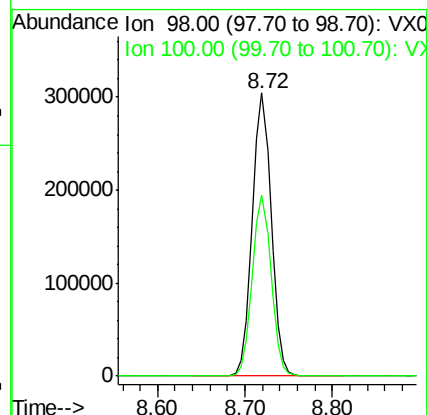
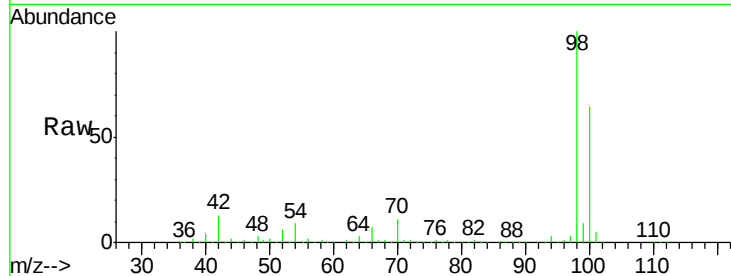




#50
Toluene-d8
Concen: 47.12 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002846.D
Acq: 22 Jun 2018 22:12

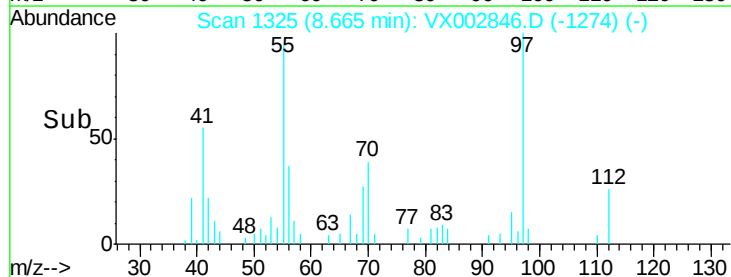
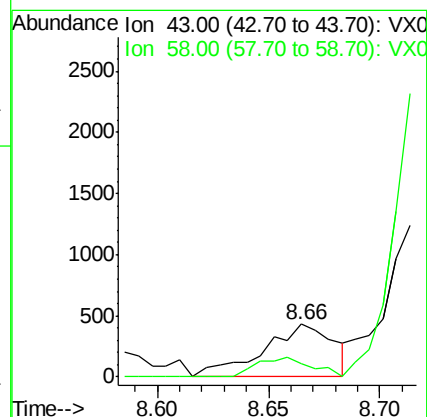
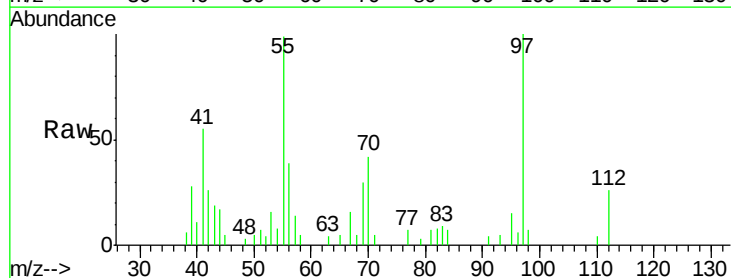
Instrument :
MSVOA_X
ClientSampleId :
S83-0020

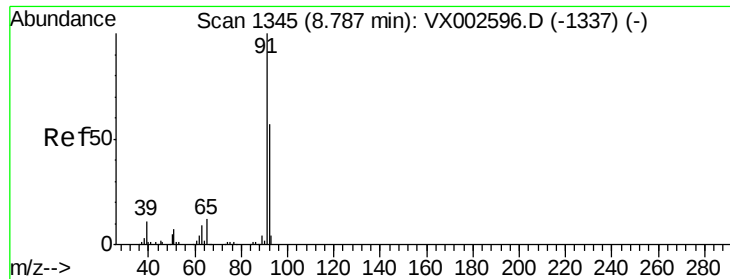
Tot Ion: 98 Resp: 458675
Ion Ratio Lower Upper
98 100
100 63.5 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.23 ug/l
RT: 8.66 min Scan# 1325
Delta R.T. 0.01 min
Lab File: VX002846.D
Acq: 22 Jun 2018 22:12

Tgt Ion: 43 Resp: 956
Ion Ratio Lower Upper
43 100
58 28.5 28.6 42.8#





#52

Toluene

Concen: 0.50 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.01 min

Lab File: VX002846.D

Acq: 22 Jun 2018 22:12

Instrument :

MSVOA_X

ClientSampleId :

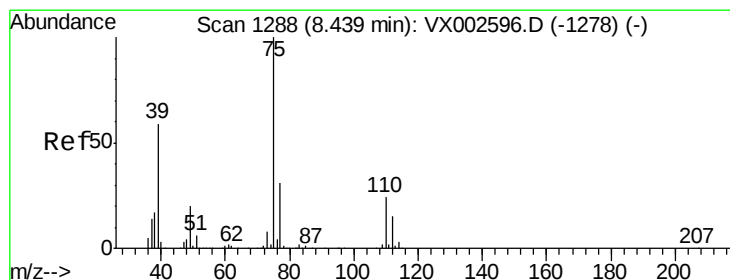
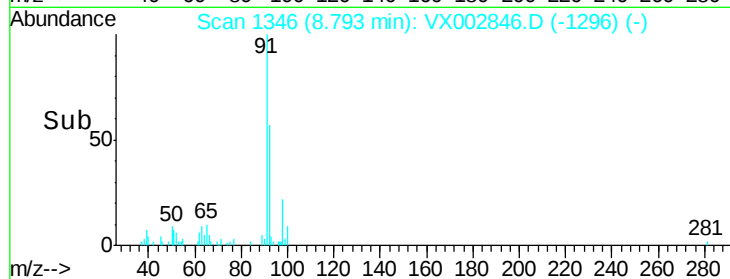
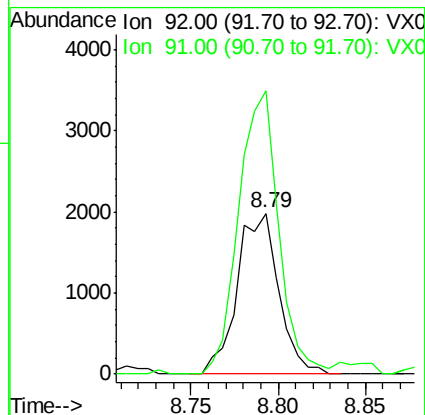
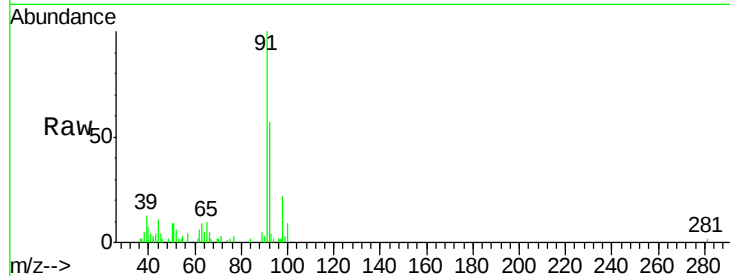
S83-0020

Tot Ion: 92 Resp: 3281

Ion Ratio Lower Upper

92 100

91 168.9 140.4 210.6



#53

t-1,3-Dichloropropene

Concen: 2.40 ug/l

RT: 8.60 min Scan# 1315

Delta R.T. 0.16 min

Lab File: VX002846.D

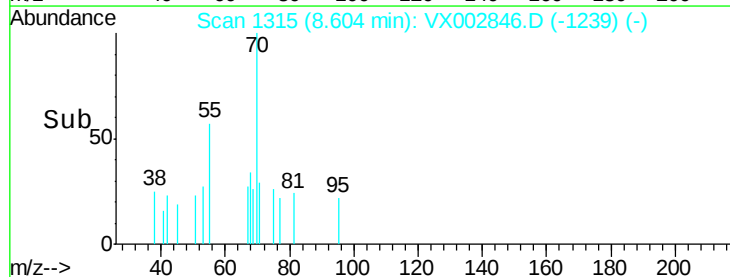
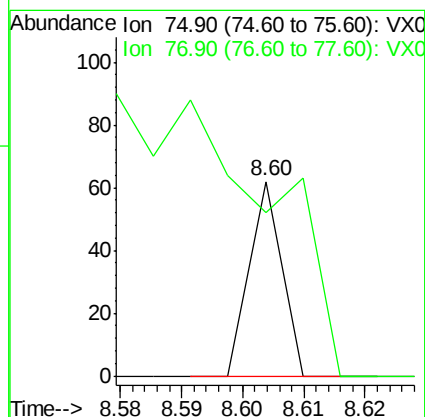
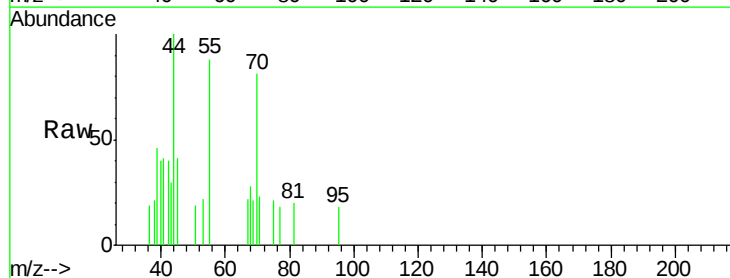
Acq: 22 Jun 2018 22:12

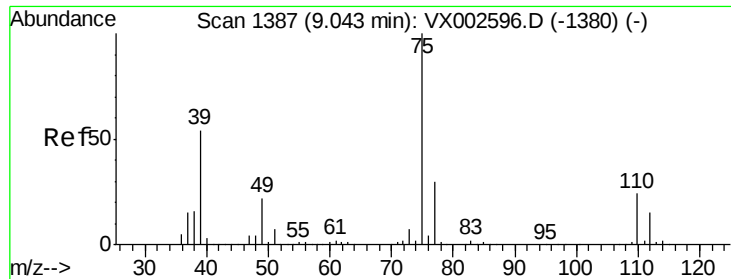
Tgt Ion: 75 Resp: 23

Ion Ratio Lower Upper

75 100

77 83.9 25.4 38.2#

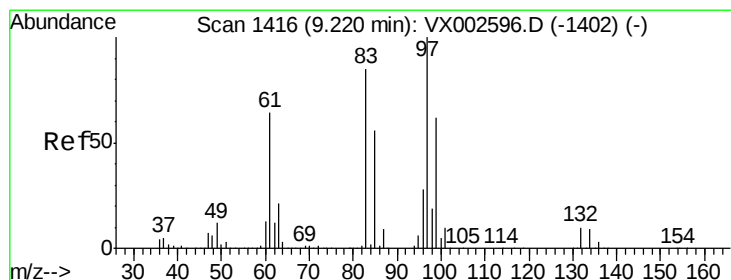
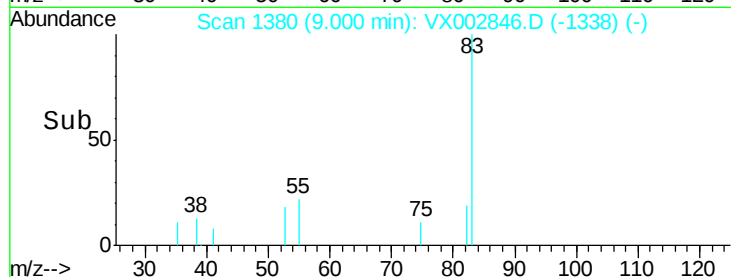
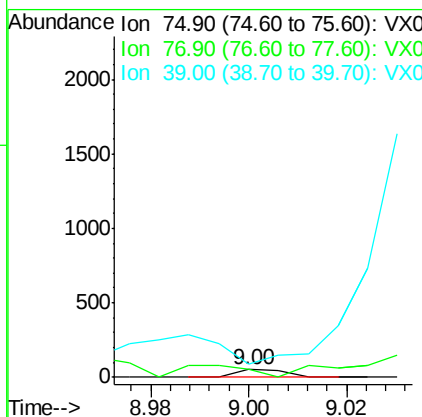
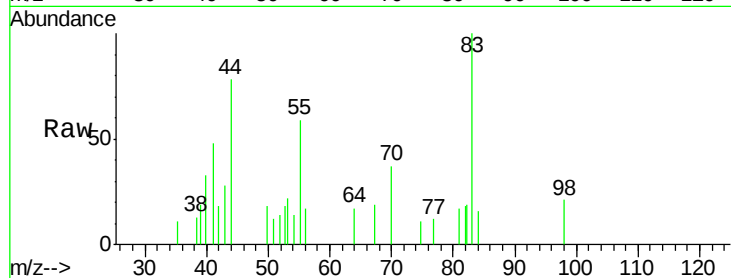




#54
 cis-1,3-Dichloropropene
 Concen: 3.22 ug/l
 RT: 9.00 min Scan# 1380
 Delta R.T. -0.04 min
 Lab File: VX002846.D
 Acq: 22 Jun 2018 22:12

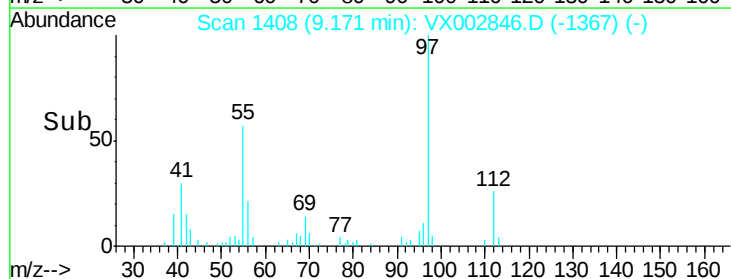
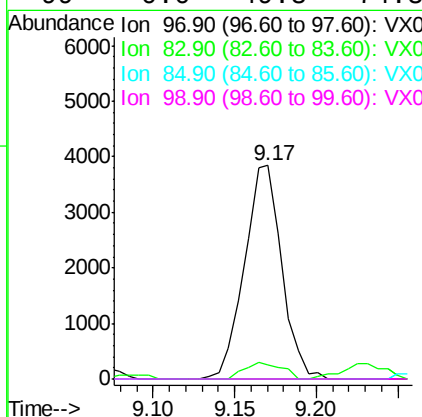
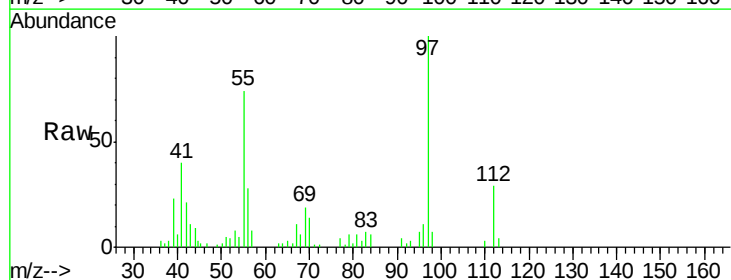
Instrument :
 MSVOA_X
 ClientSampleId :
 S83-0020

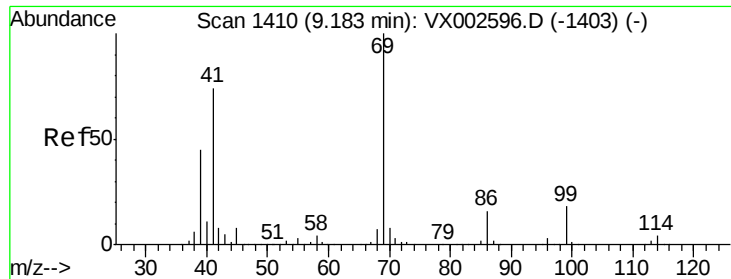
Tot Ion: 75 Resp: 37
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.8 37.2#
 39 0.0 42.4 63.6#



#55
 1,1,2-Trichloroethane
 Concen: 2.32 ug/l
 RT: 9.17 min Scan# 1408
 Delta R.T. -0.05 min
 Lab File: VX002846.D
 Acq: 22 Jun 2018 22:12

Tgt Ion: 97 Resp: 6130
 Ion Ratio Lower Upper
 97 100
 83 6.9 70.2 105.2#
 85 0.0 44.9 67.3#
 99 0.0 49.8 74.8#

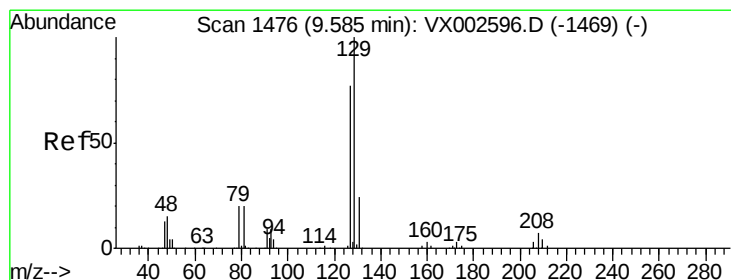
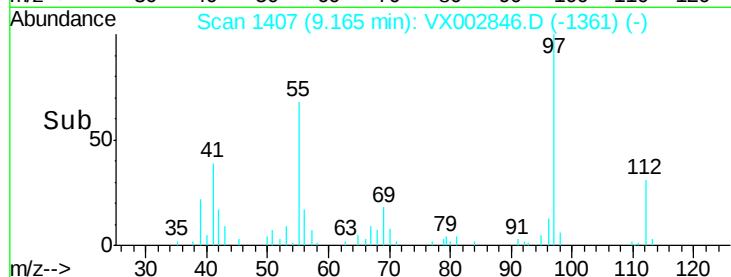
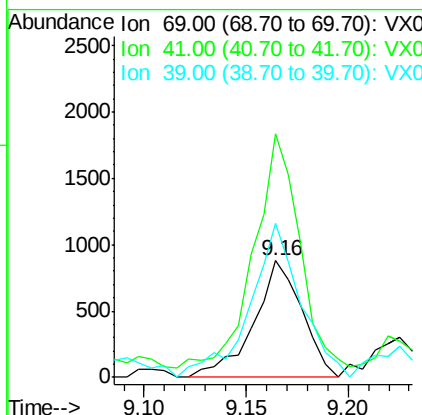
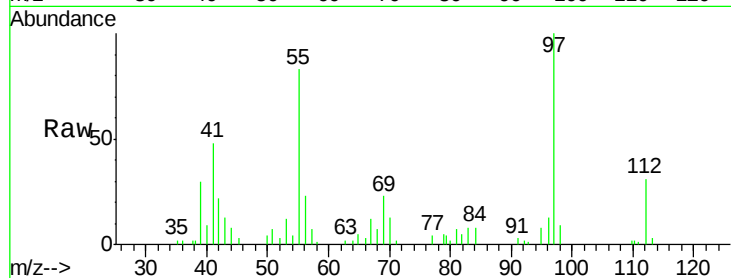




#56
Ethyl methacrylate
Concen: 0.36 ug/l
RT: 9.16 min Scan# 1407
Delta R.T. -0.02 min
Lab File: VX002846.D
Acq: 22 Jun 2018 22:12

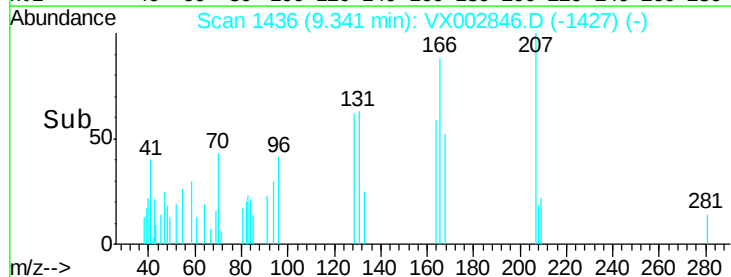
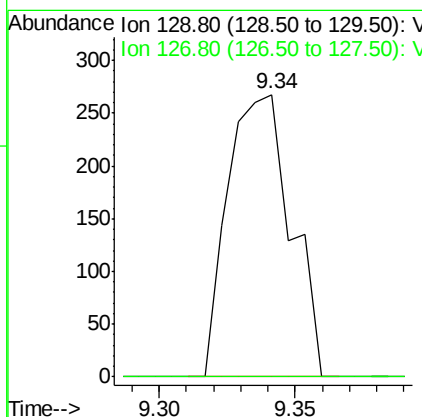
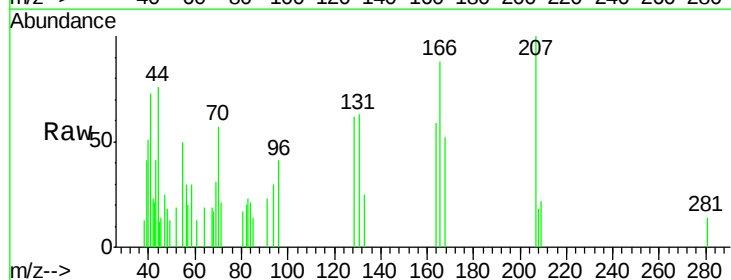
Instrument :
MSVOA_X
ClientSampled :
S83-0020

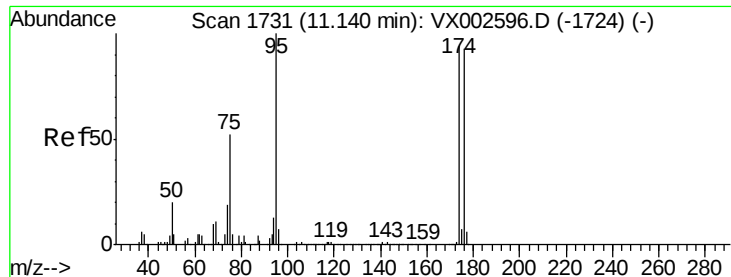
Tot Ion: 69 Resp: 1443
Ion Ratio Lower Upper
69 100
41 189.4 60.3 90.5#
39 139.2 35.8 53.8#



#60
Dibromochloromethane
Concen: 3.89 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.24 min
Lab File: VX002846.D
Acq: 22 Jun 2018 22:12

Tgt Ion: 129 Resp: 431
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.3#

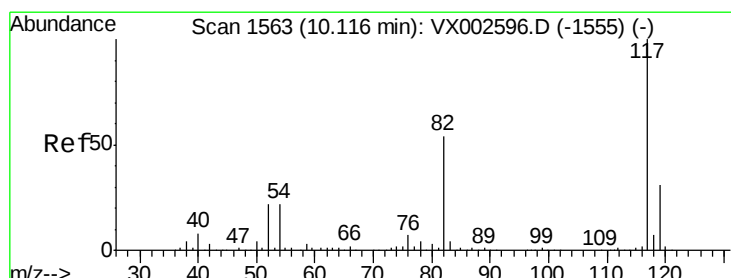
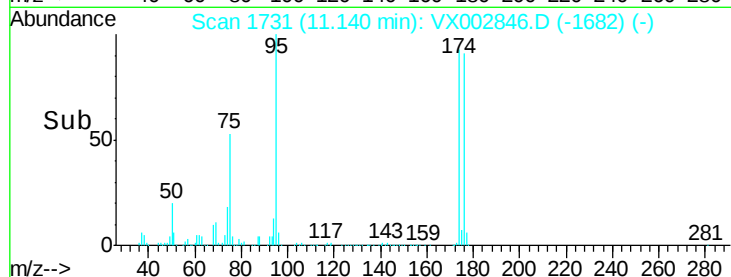
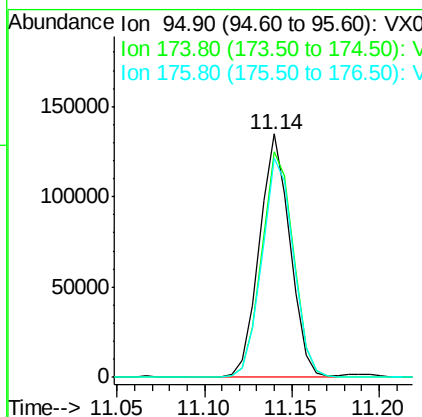
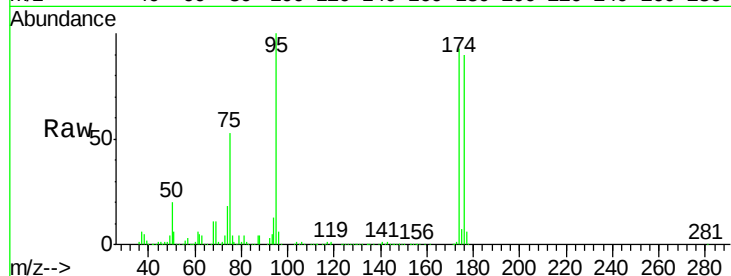




#62
4-Bromofluorobenzene
Concen: 44.33 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002846.D
Acq: 22 Jun 2018 22:12

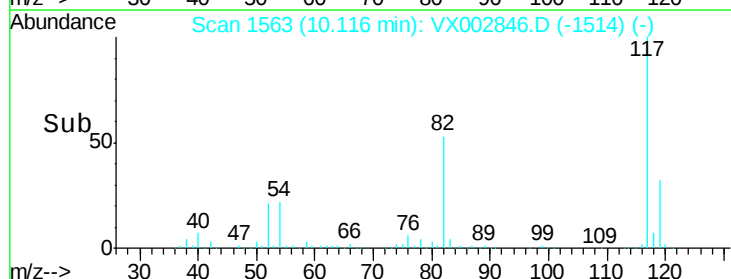
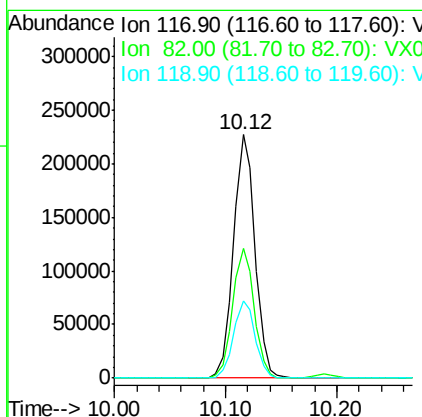
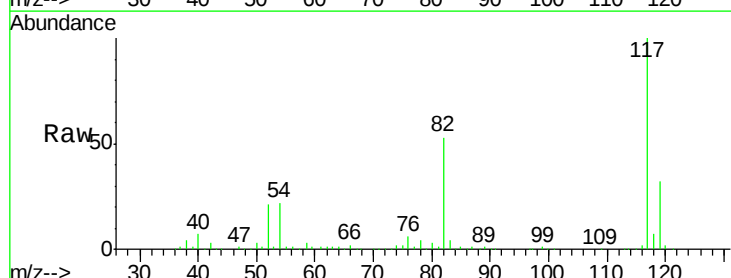
Instrument :
MSVOA_X
ClientSampleId :
S83-0020

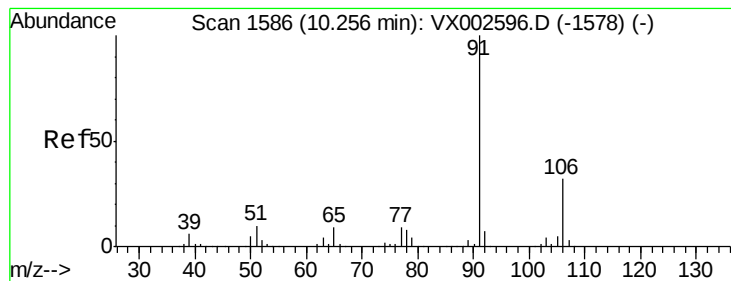
Tot Ion: 95 Resp: 163512
Ion Ratio Lower Upper
95 100
174 96.2 0.0 187.4
176 93.4 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002846.D
Acq: 22 Jun 2018 22:12

Tgt Ion: 117 Resp: 302079
Ion Ratio Lower Upper
117 100
82 53.4 45.0 67.4
119 32.0 25.8 38.6





#67

Ethyl Benzene

Concen: 10.89 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002846.D

Acq: 22 Jun 2018 22:12

Instrument :

MSVOA_X

ClientSampled :

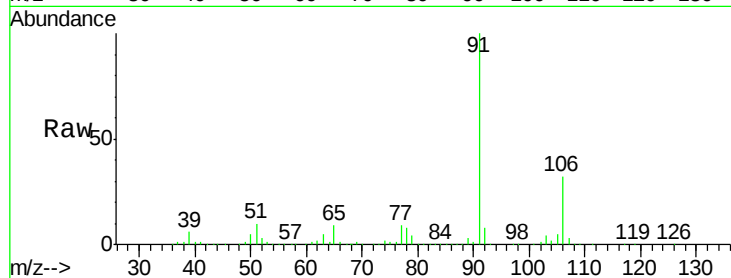
S83-0020

Tot Ion: 91 Resp: 136300

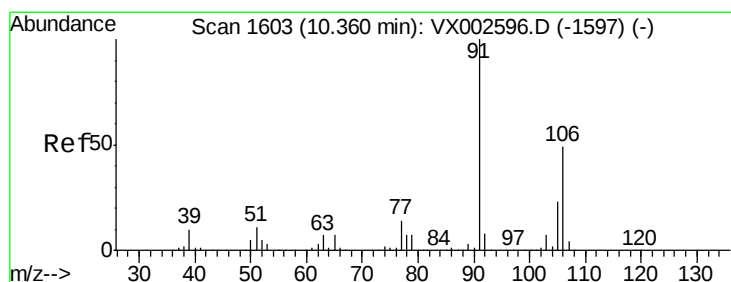
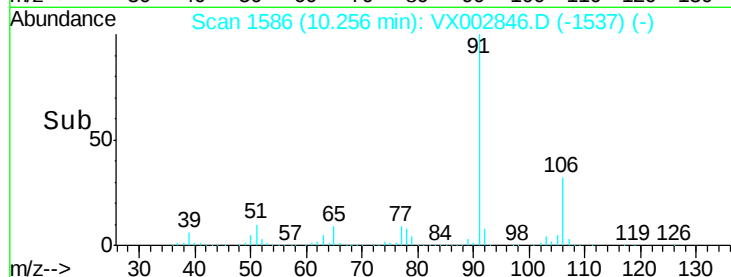
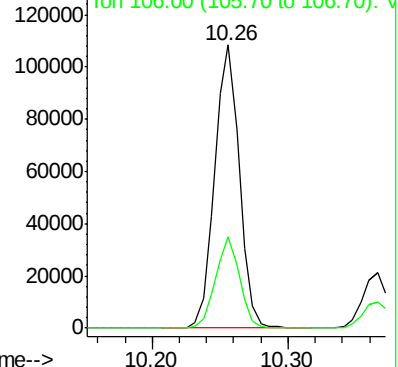
Ion Ratio Lower Upper

91 100

106 32.4 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VX002846.D (-1578) (-)



#68

m/p-Xylenes

Concen: 2.84 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.01 min

Lab File: VX002846.D

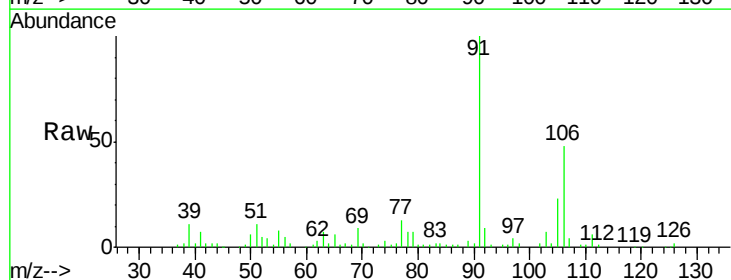
Acq: 22 Jun 2018 22:12

Tgt Ion: 106 Resp: 13728

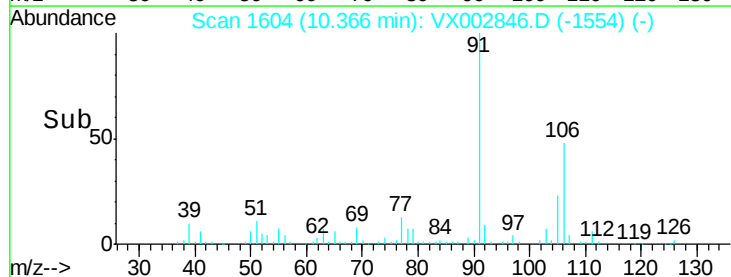
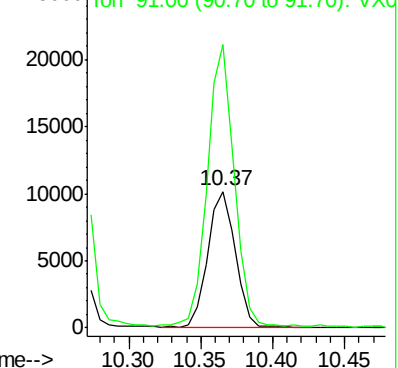
Ion Ratio Lower Upper

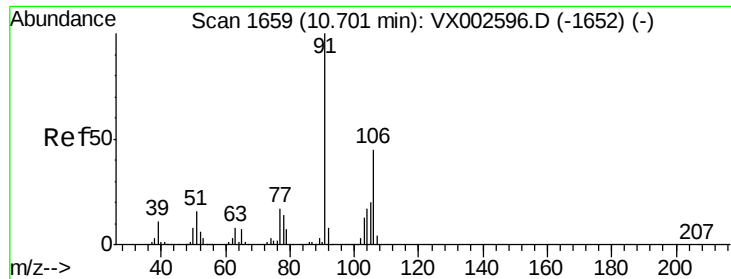
106 100

91 199.7 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): VX002846.D (-1597) (-)

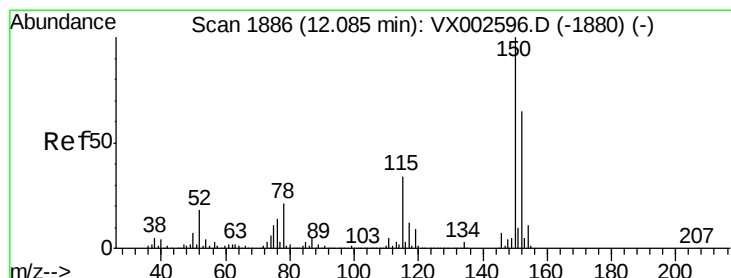
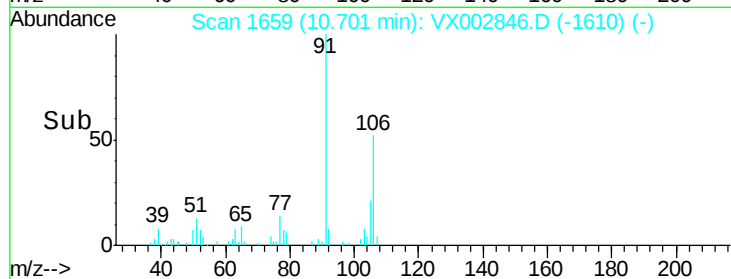
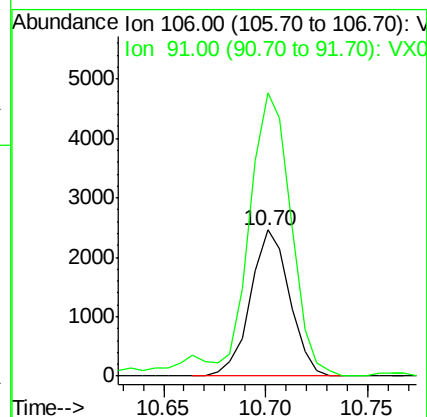
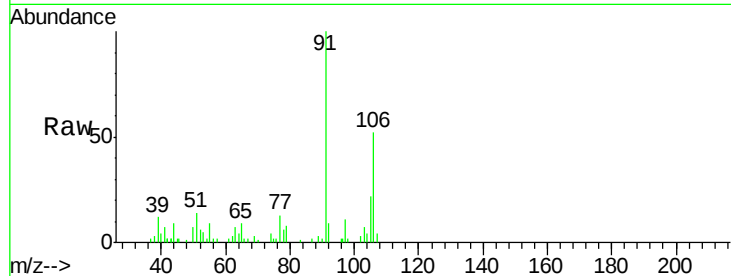




#69
o-Xylene
Concen: 0.69 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002846.D
Acq: 22 Jun 2018 22:12

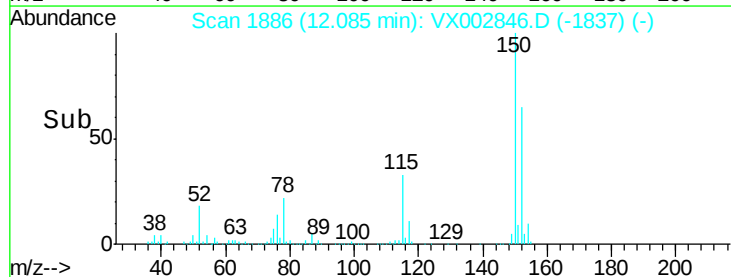
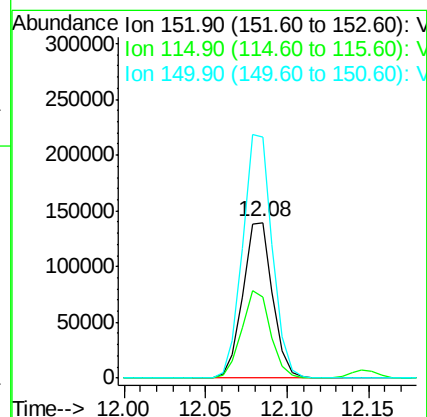
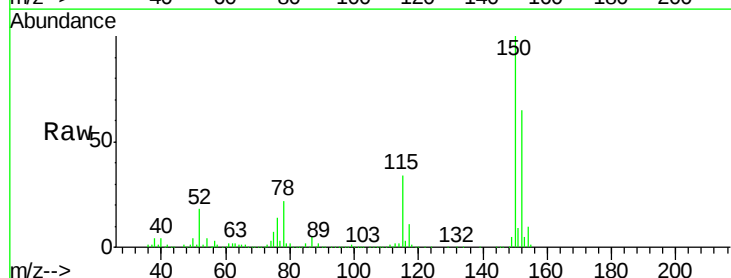
Instrument :
MSVOA_X
ClientSampled :
S83-0020

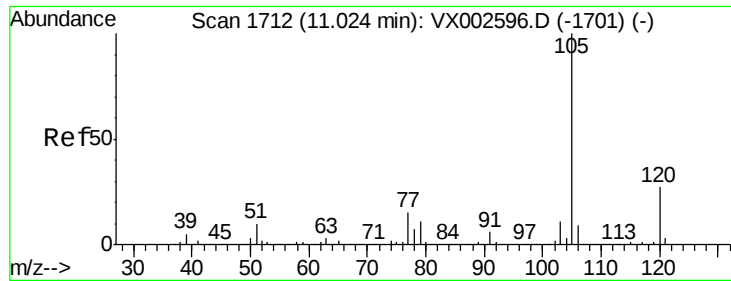
Tot Ion:106 Resp: 3288
Ion Ratio Lower Upper
106 100
91 202.0 108.2 324.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002846.D
Acq: 22 Jun 2018 22:12

Tgt Ion:152 Resp: 176910
Ion Ratio Lower Upper
152 100
115 55.0 40.1 120.2
150 156.4 0.0 347.2





#73

Isopropylbenzene

Concen: 1.21 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002846.D

Acq: 22 Jun 2018 22:12

Instrument :

MSVOA_X

ClientSampleId :

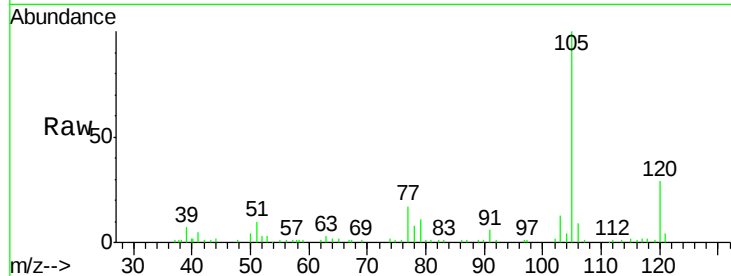
S83-0020

Tot Ion:105 Resp: 14350

Ion Ratio Lower Upper

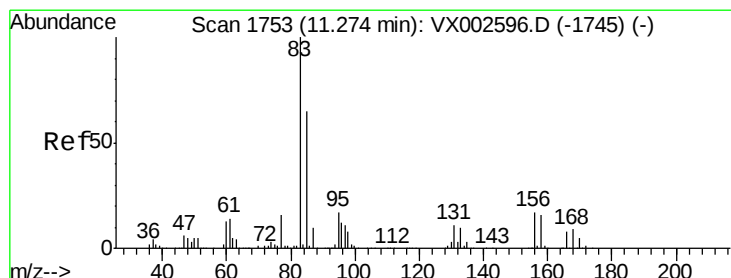
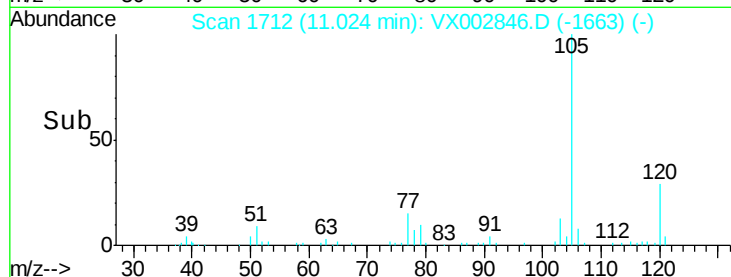
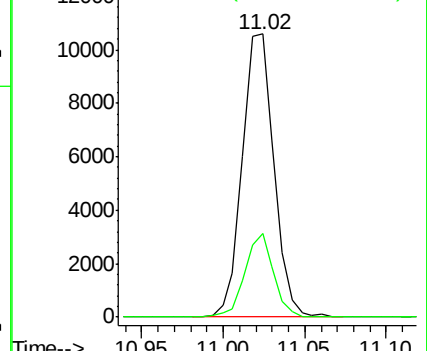
105 100

120 26.6 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#75

1,1,2,2-Tetrachloroethane

Concen: 0.28 ug/l

RT: 11.28 min Scan# 1754

Delta R.T. 0.01 min

Lab File: VX002846.D

Acq: 22 Jun 2018 22:12

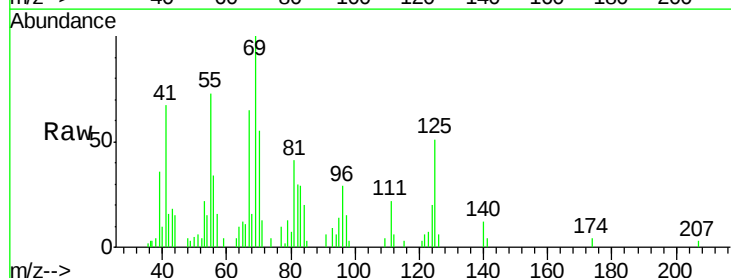
Tgt Ion: 83 Resp: 986

Ion Ratio Lower Upper

83 100

131 0.0 5.6 16.8#

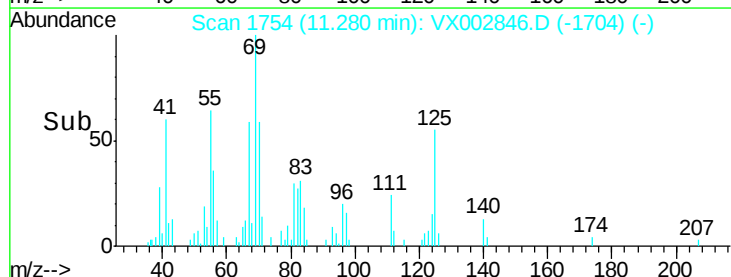
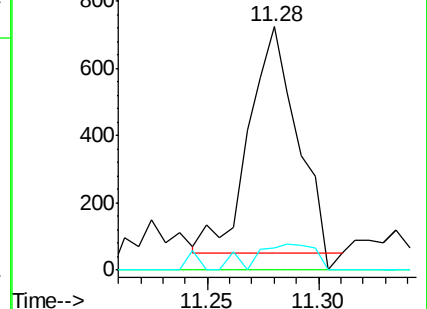
85 14.9 32.4 97.2#

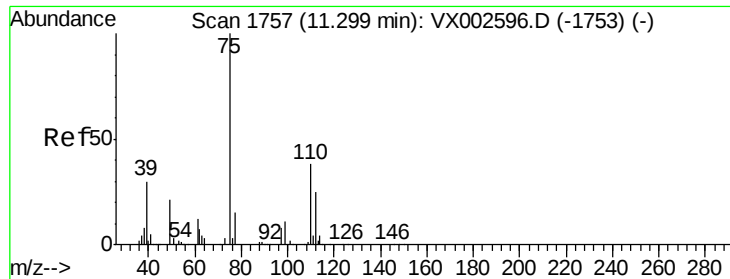


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 26.40 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX002846.D

Acq: 22 Jun 2018 22:12

Instrument :

MSVOA_X

ClientSampleId :

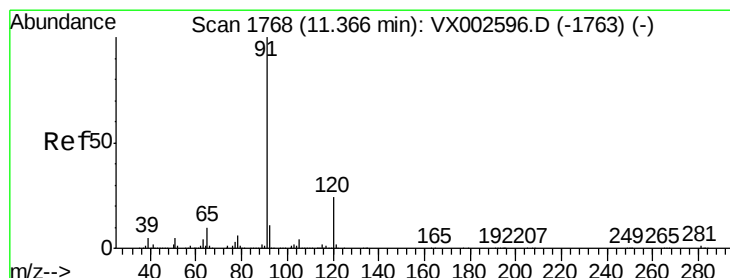
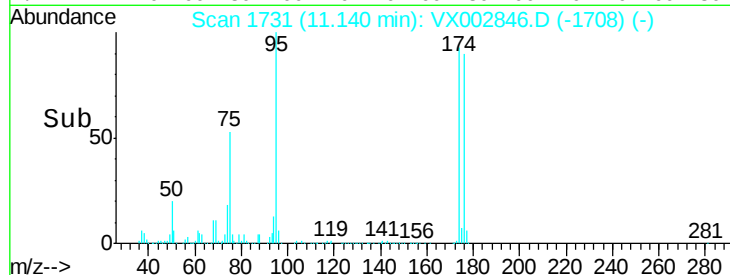
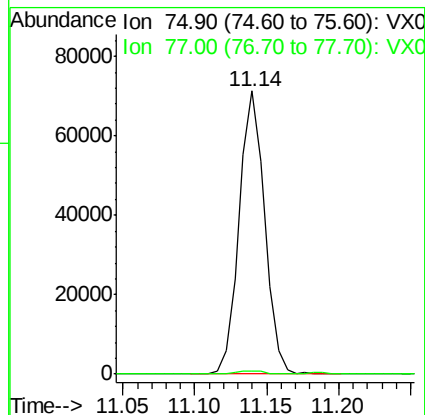
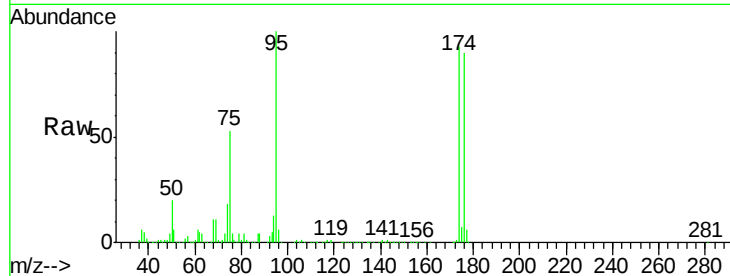
S83-0020

Tot Ion: 75 Resp: 88131

Ion Ratio Lower Upper

75 100

77 1.5 22.8 68.3#



#78

n-propylbenzene

Concen: 0.84 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002846.D

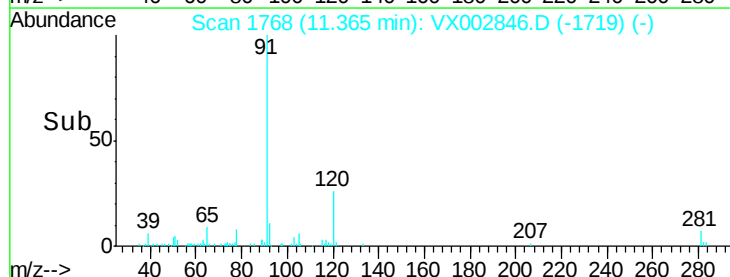
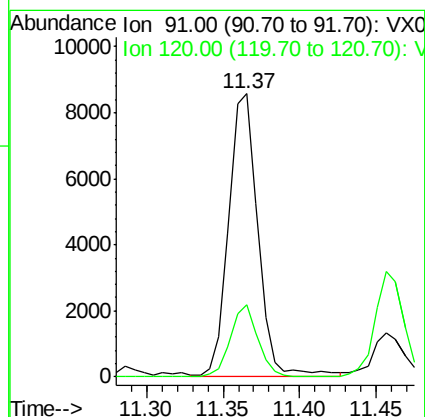
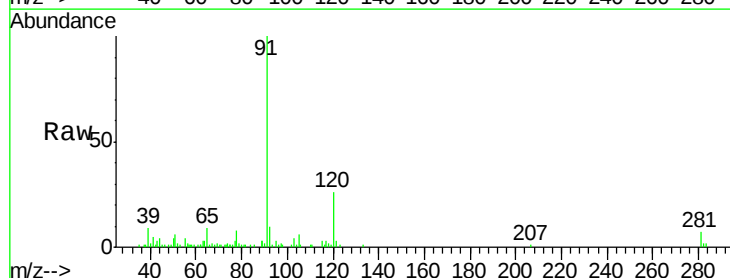
Acq: 22 Jun 2018 22:12

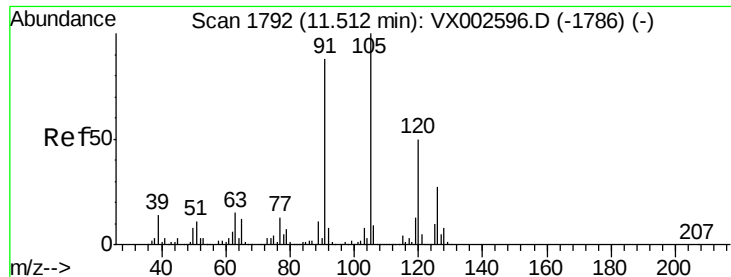
Tgt Ion: 91 Resp: 11450

Ion Ratio Lower Upper

91 100

120 23.7 11.8 35.4

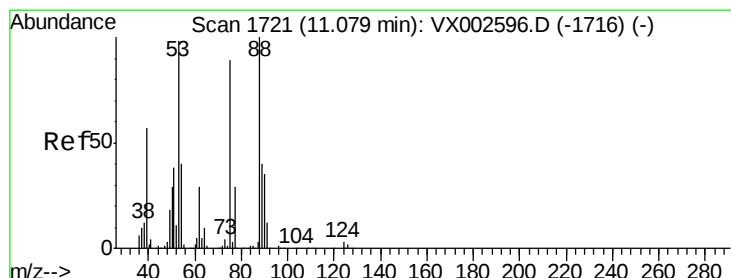
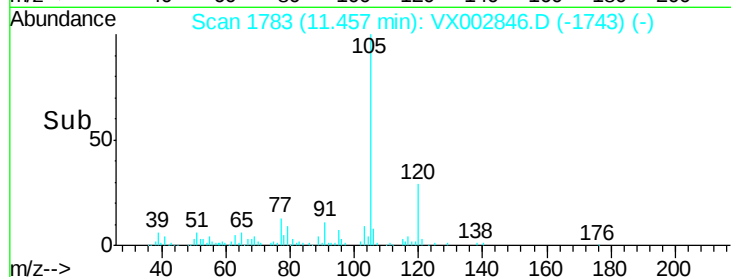
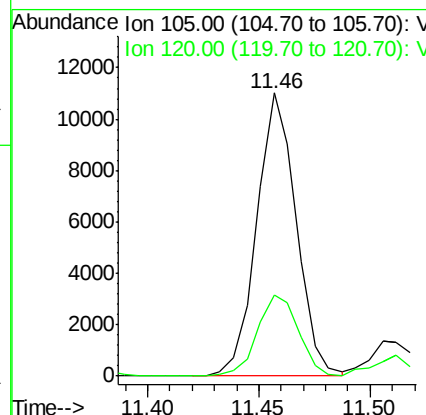
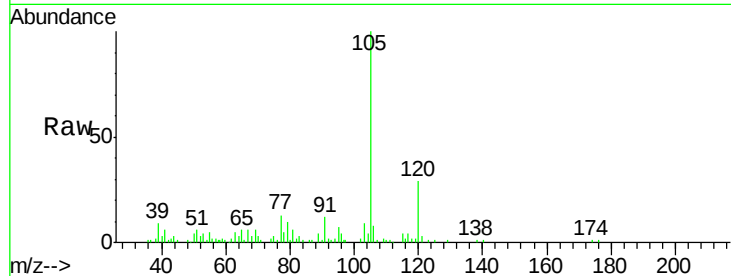




#80
 1,3,5-Trimethylbenzene
 Concen: 1.36 ug/l
 RT: 11.46 min Scan# 1783
 Delta R.T. -0.06 min
 Lab File: VX002846.D
 Acq: 22 Jun 2018 22:12

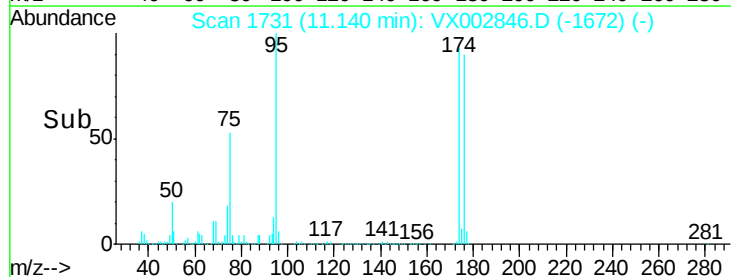
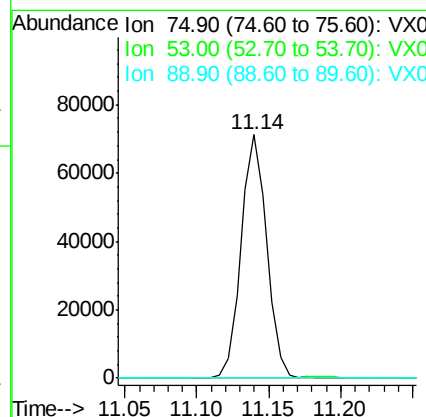
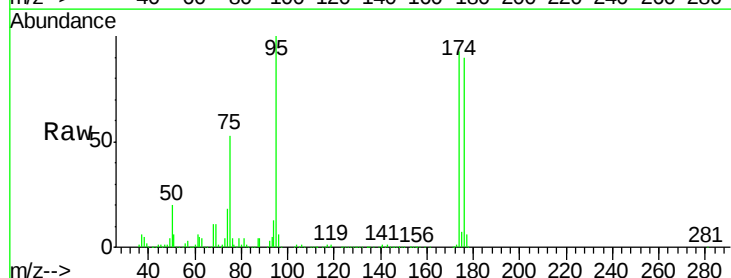
Instrument :
 MSVOA_X
 ClientSampleId :
 S83-0020

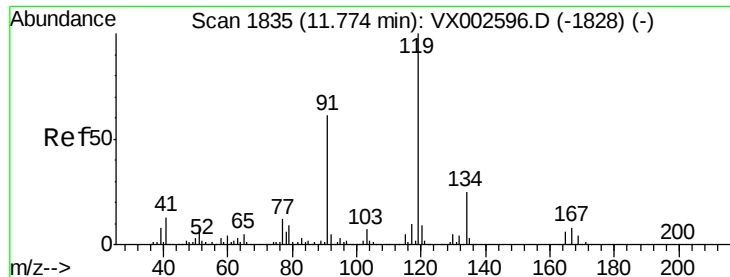
Tot Ion:105 Resp: 13634
 Ion Ratio Lower Upper
 105 100
 120 30.1 24.4 73.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.59 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX002846.D
 Acq: 22 Jun 2018 22:12

Tgt Ion: 75 Resp: 88131
 Ion Ratio Lower Upper
 75 100
 53 0.1 86.8 130.2#
 89 0.0 38.2 57.2#





#83

tert-Butylbenzene

Concen: 0.43 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX002846.D

Acq: 22 Jun 2018 22:12

Instrument :

MSVOA_X

ClientSampleId :

S83-0020

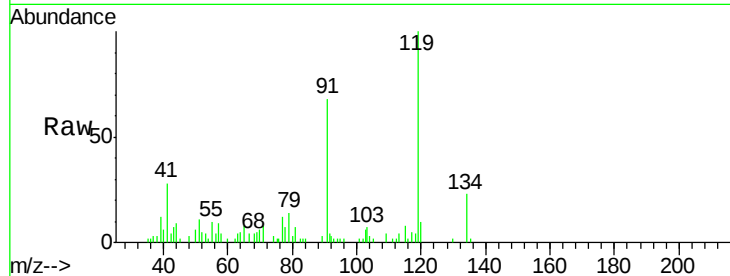
Tot Ion:119 Resp: 4185

Ion Ratio Lower Upper

119 100

91 67.7 30.3 90.9

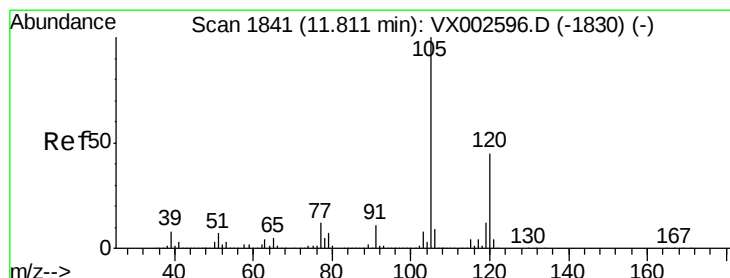
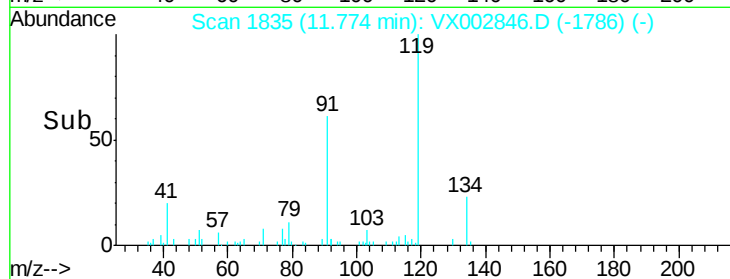
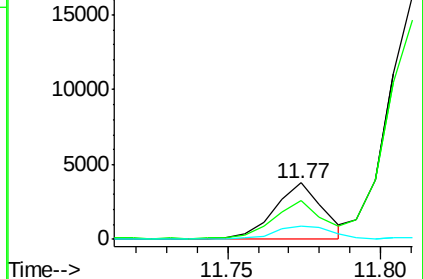
134 27.8 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 15.14 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX002846.D

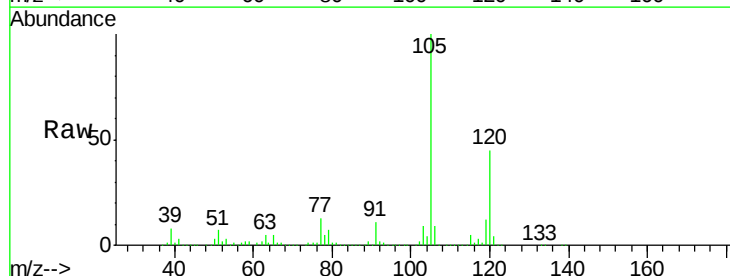
Acq: 22 Jun 2018 22:12

Tgt Ion:105 Resp: 154461

Ion Ratio Lower Upper

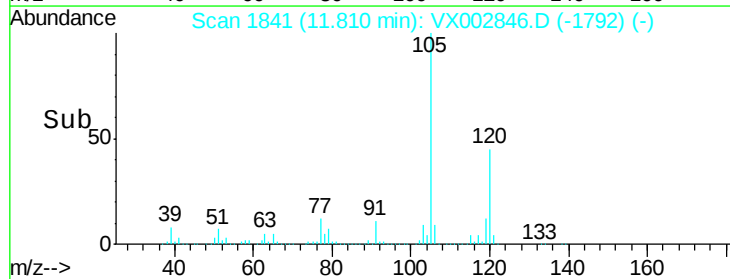
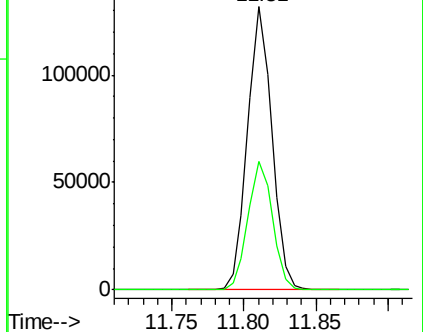
105 100

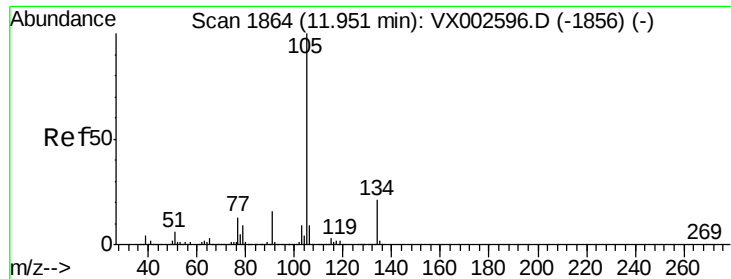
120 46.1 22.3 66.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 12.90 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.14 min

Lab File: VX002846.D

Acq: 22 Jun 2018 22:12

Instrument :

MSVOA_X

ClientSampleId :

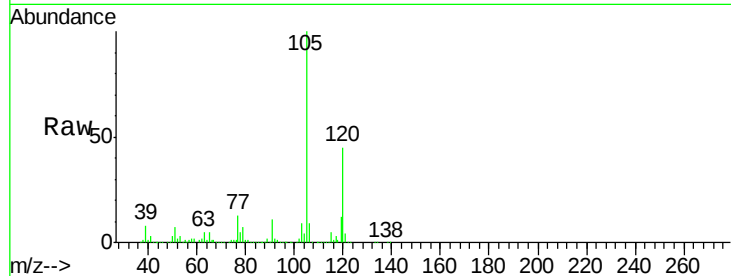
S83-0020

Tot Ion:105 Resp: 154461

Ion Ratio Lower Upper

105 100

134 0.2 10.4 31.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.81

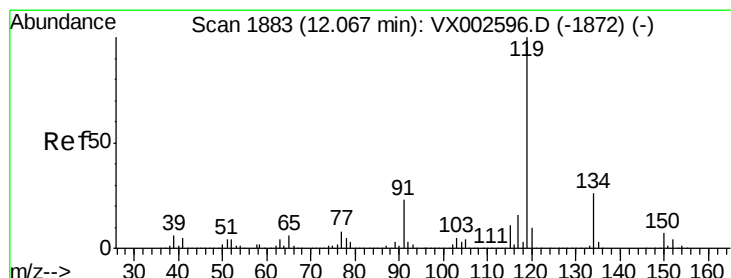
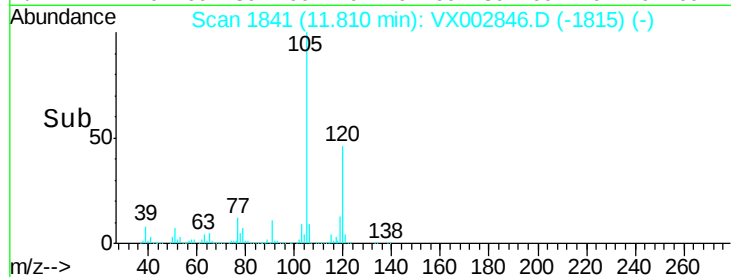
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 0.75 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002846.D

Acq: 22 Jun 2018 22:12

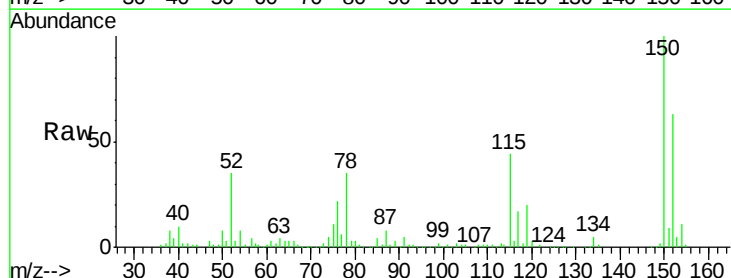
Tgt Ion:119 Resp: 8130

Ion Ratio Lower Upper

119 100

134 28.0 13.4 40.1

91 31.4 11.9 35.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.07

8000

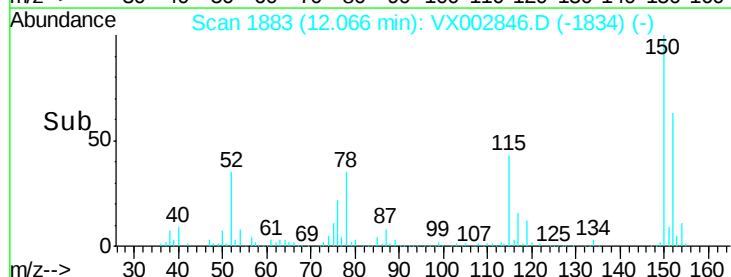
6000

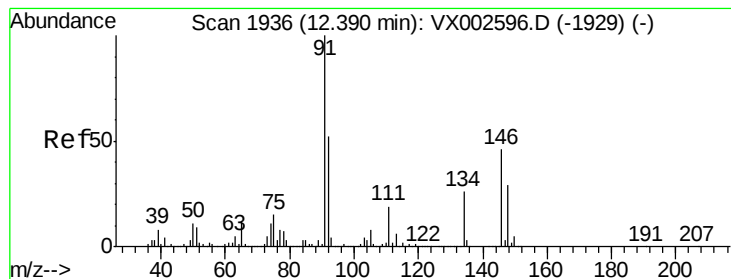
4000

2000

0

Time-->





#89

n-Butylbenzene

Concen: 0.55 ug/l

RT: 12.37 min Scan# 1933

Delta R.T. -0.02 min

Lab File: VX002846.D

Acq: 22 Jun 2018 22:12

Instrument :

MSVOA_X

ClientSampleId :

S83-0020

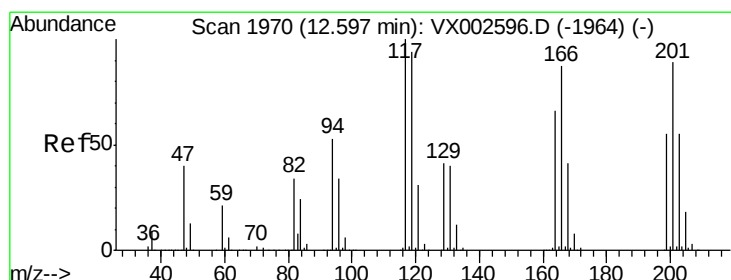
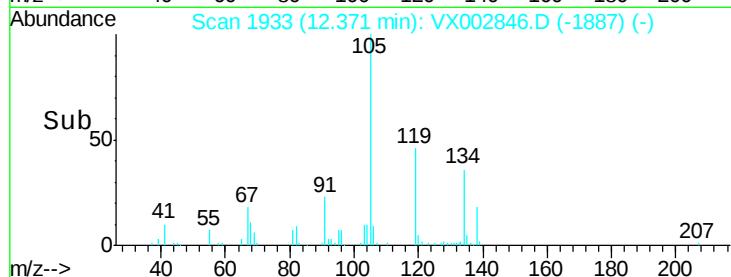
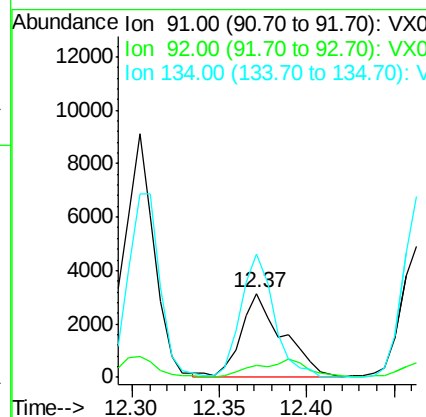
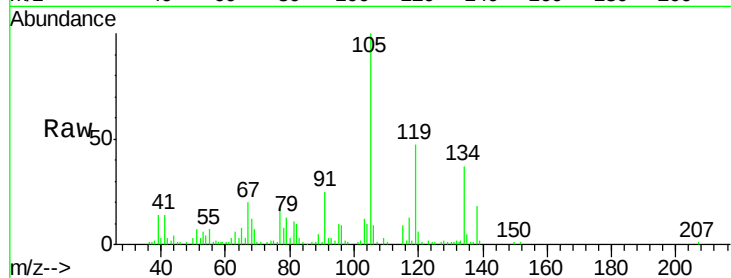
Tot Ion: 91 Resp: 5274

Ion Ratio Lower Upper

91 100

92 26.5 26.0 78.0

134 116.5 13.5 40.5#



#90

Hexachloroethane

Concen: 4.57 ug/l

RT: 12.59 min Scan# 1969

Delta R.T. -0.01 min

Lab File: VX002846.D

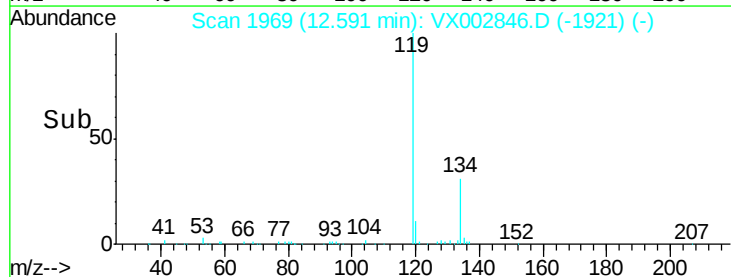
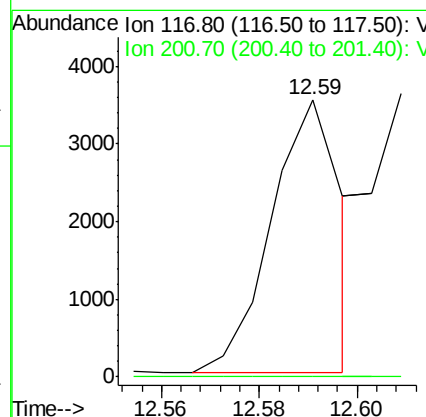
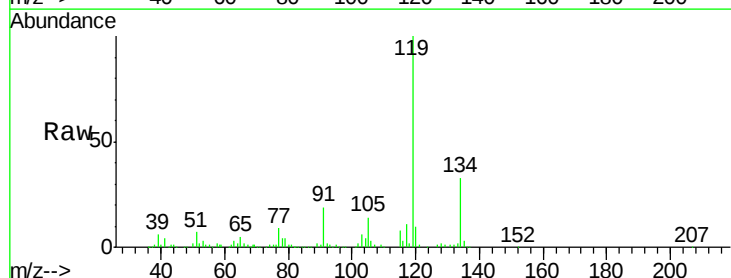
Acq: 22 Jun 2018 22:12

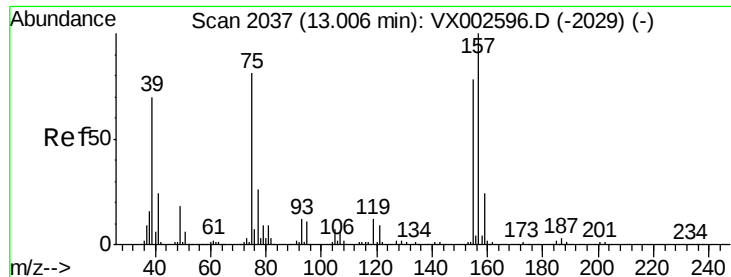
Tgt Ion: 117 Resp: 3473

Ion Ratio Lower Upper

117 100

201 0.0 49.0 147.0#

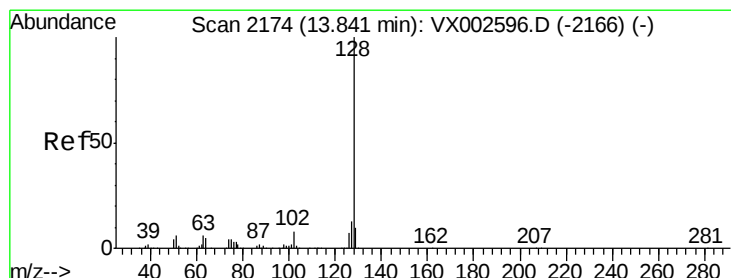
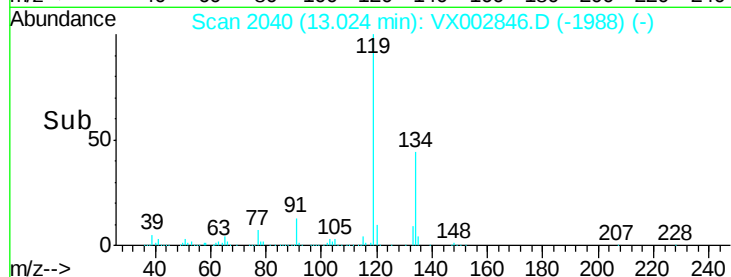
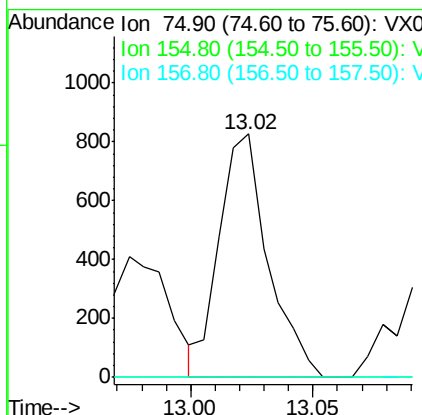
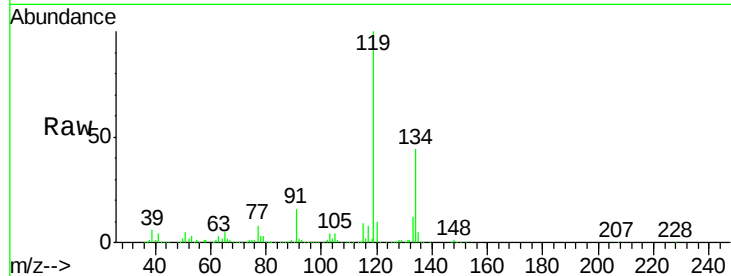




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.56 ug/l
 RT: 13.02 min Scan# 2040
 Delta R.T. 0.02 min
 Lab File: VX002846.D
 Acq: 22 Jun 2018 22:12

Instrument :
 MSVOA_X
 ClientSampled :
 S83-0020

Tot Ion: 75 Resp: 1144
 Ion Ratio Lower Upper
 75 100
 155 0.0 45.8 137.4#
 157 0.0 60.1 180.3#



#95
 Naphthalene
 Concen: 3.58 ug/l
 RT: 13.84 min Scan# 2174
 Delta R.T. -0.00 min
 Lab File: VX002846.D
 Acq: 22 Jun 2018 22:12

Tgt Ion: 128 Resp: 42513
 Ion Ratio Lower Upper
 128 100
 127 15.4 10.4 15.6
 129 16.1 8.6 13.0#

