

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042619\
 Data File : VX009186.D
 Acq On : 26 Apr 2019 13:49
 Operator : JC/SP
 Sample : K2565-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S81-0104

Quant Time: Apr 27 04:01:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	211686	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	340578	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	293116	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	124268	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	137821	46.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.40%	
35) Dibromofluoromethane	5.50	113	102028	46.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.36%	
50) Toluene-d8	8.71	98	429688	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	
62) 4-Bromofluorobenzene	11.13	95	141129	45.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.72%	

Target Compounds

					Qvalue	
3) Chloromethane	1.33	50	3229	1.079	ug/l	# 60
4) Vinyl Chloride	1.41	62	5082	1.744	ug/l	94
5) Bromomethane	1.64	94	221	3.960	ug/l	# 59
6) Chloroethane	1.90	64	630	0.368	ug/l	# 44
10) Methyl Iodide	2.52	142	242	4.507	ug/l	# 88
11) Tert butyl alcohol	3.01	59	861	1.300	ug/l	# 72
13) Acrolein	2.30	56	122	0.213	ug/l	# 14
14) Allyl chloride	2.84	41	9522	1.923	ug/l	# 71
15) Acrylonitrile	3.18	53	2696	1.604	ug/l	# 47
16) Acetone	2.45	43	7391	4.777	ug/l	93
17) Carbon Disulfide	2.57	76	3064	1.700	ug/l	99
18) Methyl Acetate	2.85	43	25282	6.548	ug/l	# 56
20) Methylene Chloride	2.85	84	1105	0.418	ug/l	# 71
25) 2-Butanone	4.70	43	645	0.261	ug/l	# 54
27) cis-1,2-Dichloroethene	4.60	96	6005	2.184	ug/l	94
28) Bromochloromethane	5.02	49	24	Below Cal		# 21
31) Cyclohexane	5.58	56	92586	19.485	ug/l	96
36) 1,1-Dichloropropene	5.67	75	16794	4.768	ug/l	# 51
38) Carbon Tetrachloride	5.67	117	20054	6.716	ug/l	# 18
39) Methylcyclohexane	7.46	83	134240	31.302	ug/l	98
40) Benzene	6.15	78	18396	1.770	ug/l	99
43) Isopropyl Acetate	6.45	43	2541	0.348	ug/l	# 71
47) Bromodichloromethane	7.85	83	741	0.225	ug/l	# 1
48) Methyl methacrylate	7.73	41	8318	2.305	ug/l	# 53
51) 4-Methyl-2-Pentanone	8.67	43	4580	0.984	ug/l	# 38
52) Toluene	8.79	92	8745	1.404	ug/l	97
55) 1,1,2-Trichloroethane	9.16	97	13759	5.575	ug/l	# 17
56) Ethyl methacrylate	9.16	69	3371	0.762	ug/l	# 1
67) Ethyl Benzene	10.25	91	253022	22.372	ug/l	99
68) m/p-Xylenes	10.36	106	55218	13.434	ug/l	98
69) o-Xylene	10.70	106	248265	62.076	ug/l	97
70) Styrene	10.70	104	12659	1.827	ug/l	# 1
73) Isopropylbenzene	11.02	105	24291	2.579	ug/l	99
74) N-ethyl acetate	10.91	43	2015	0.373	ug/l	# 1

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

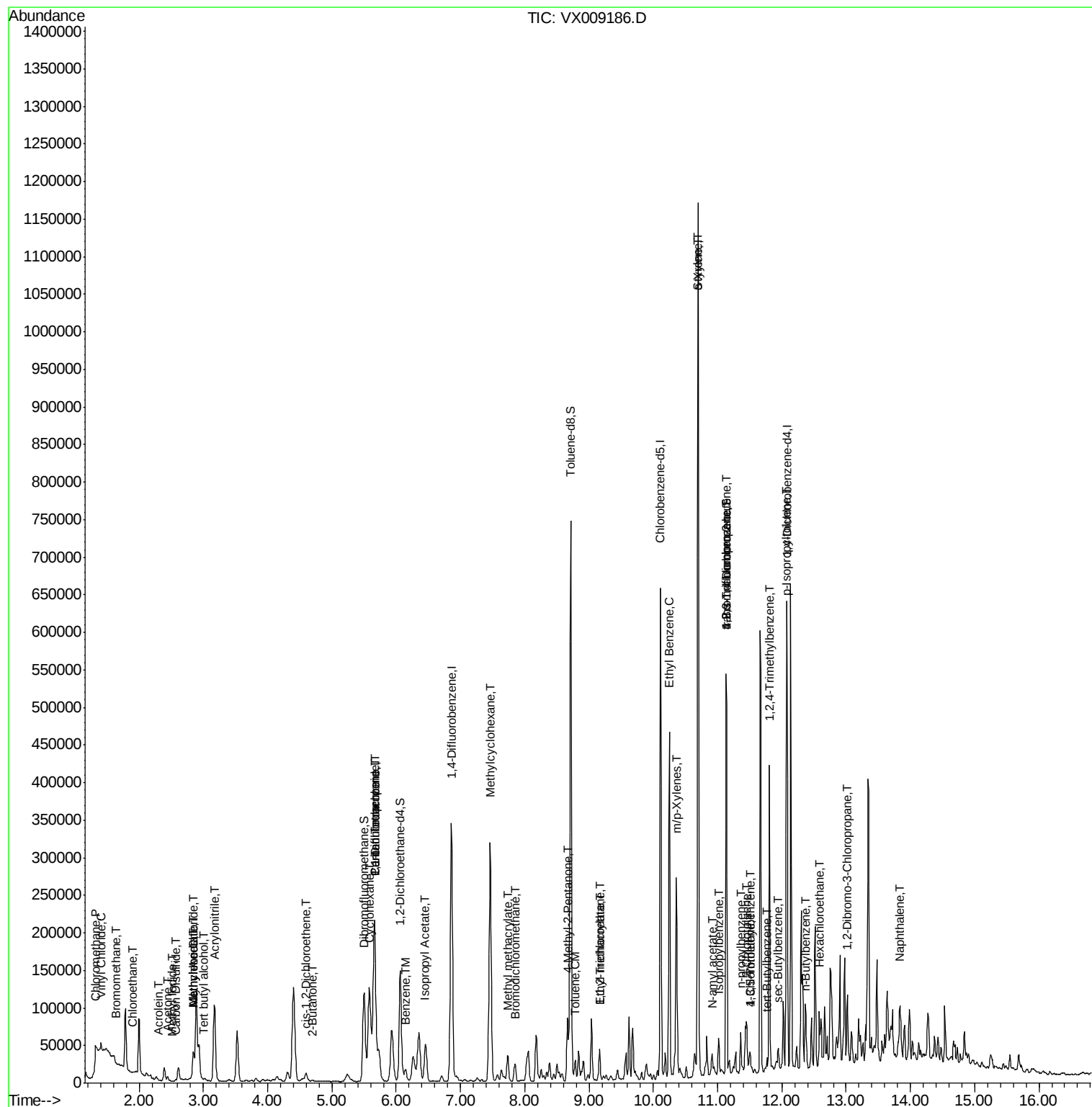
76) 1,2,3-Trichloropropane	11.13	75	71908	23.698	ug/l #	33
78) n-propylbenzene	11.36	91	31626	2.925	ug/l	98
79) 2-Chlorotoluene	11.45	91	7056	1.083	ug/l #	45
80) 1,3,5-Trimethylbenzene	11.51	105	11944	1.511	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.13	75	71908	60.839	ug/l #	11
82) 4-Chlorotoluene	11.51	91	1518	0.201	ug/l #	53
83) tert-Butylbenzene	11.77	119	2163	0.285	ug/l #	92
84) 1,2,4-Trimethylbenzene	11.80	105	164028	20.386	ug/l	98
85) sec-Butylbenzene	11.94	105	11490	1.269	ug/l	84
86) p-Isopropyltoluene	12.07	119	11283	1.356	ug/l	92
89) n-Butylbenzene	12.38	91	9235	1.192	ug/l #	45
90) Hexachloroethane	12.58	117	2927	2.132	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	13.02	75	417	0.532	ug/l #	21
95) Naphthalene	13.83	128	43139	4.541	ug/l #	92

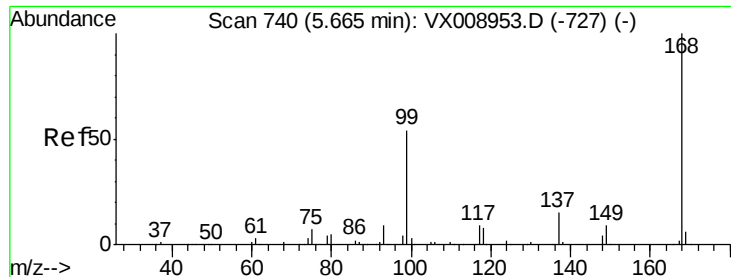
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 27 04:01:20 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009186.D

Acq: 26 Apr 2019 13:49

Instrument :

MSVOA_X

ClientSampleId :

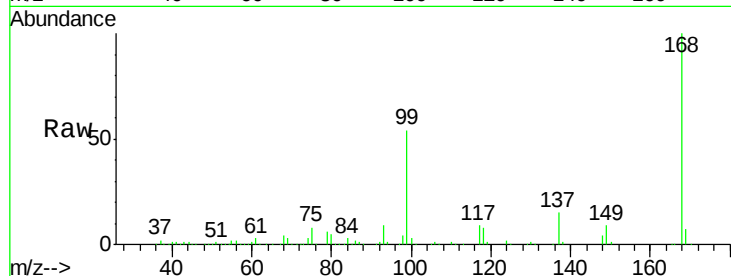
S81-0104

Tot Ion:168 Resp: 211686

Ion Ratio Lower Upper

168 100

99 53.9 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

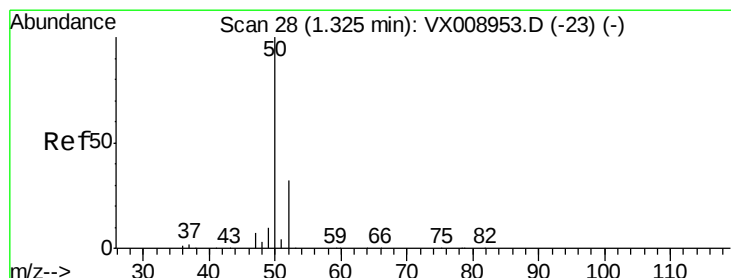
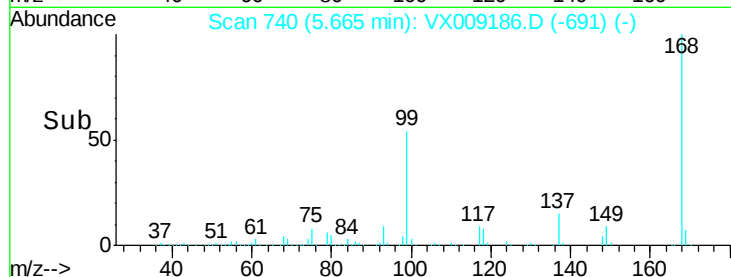
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#3

Chloromethane

Concen: 1.079 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX009186.D

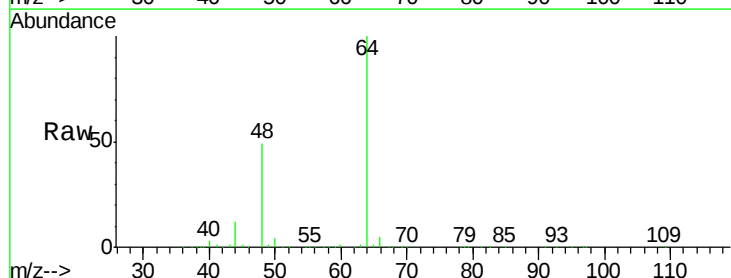
Acq: 26 Apr 2019 13:49

Tgt Ion: 50 Resp: 3229

Ion Ratio Lower Upper

50 100

52 9.6 25.5 38.3#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

1200

1000

800

600

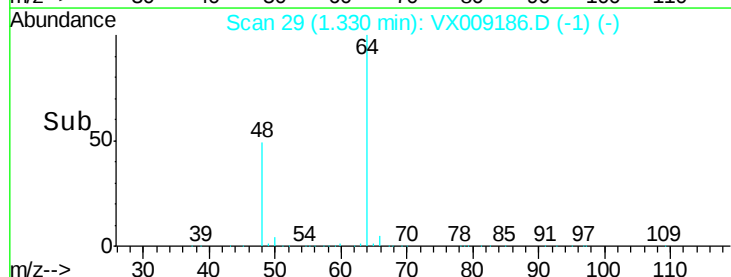
400

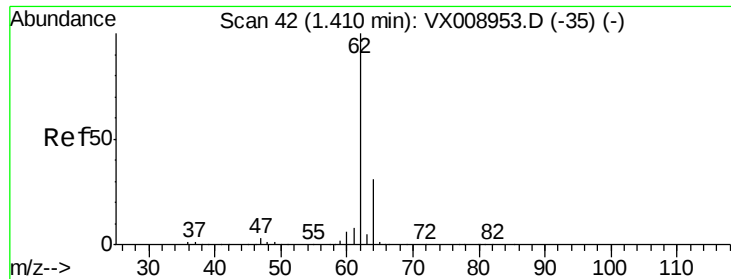
200

0

Time-->

1.25 1.30 1.35 1.40





#4

Vinyl Chloride

Concen: 1.744 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009186.D

Acq: 26 Apr 2019 13:49

Instrument :

MSVOA_X

ClientSampled :

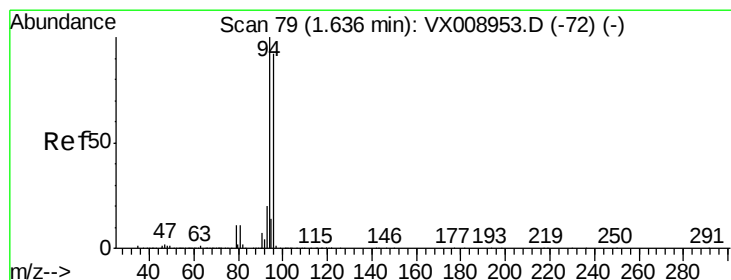
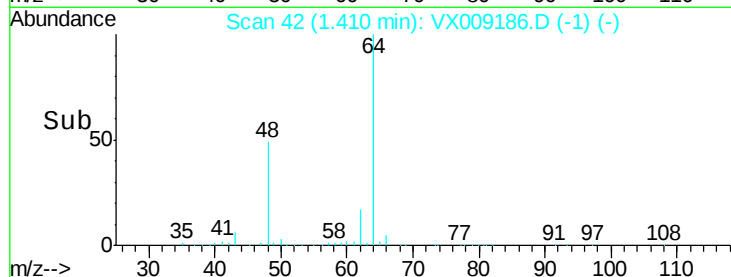
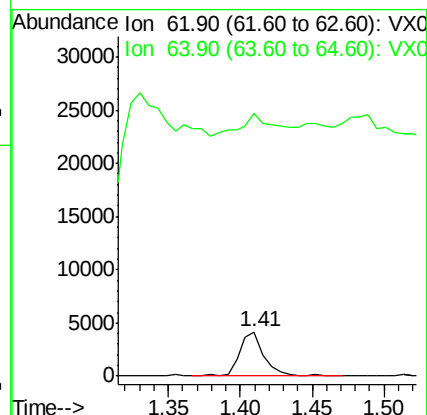
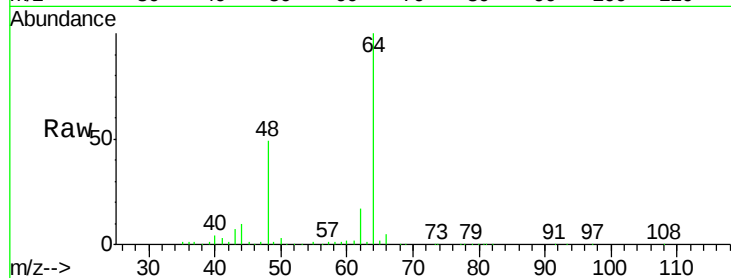
S81-0104

Tot Ion: 62 Resp: 5082

Ion Ratio Lower Upper

62 100

64 34.7 25.0 37.4



#5

Bromomethane

Concen: 3.960 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX009186.D

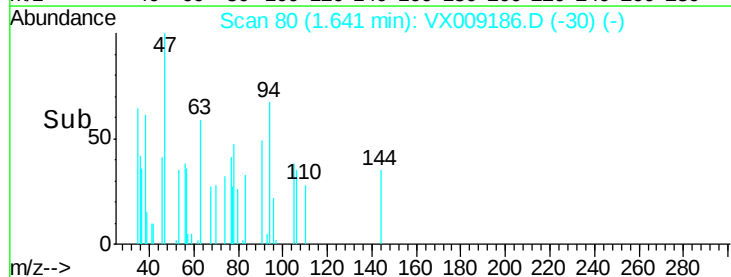
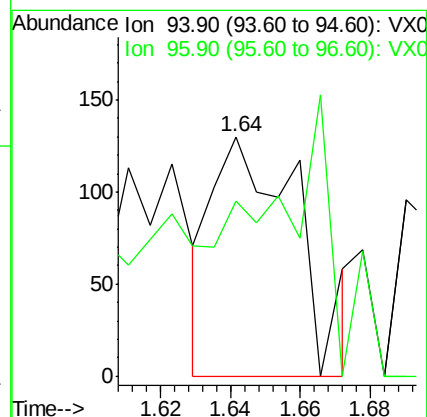
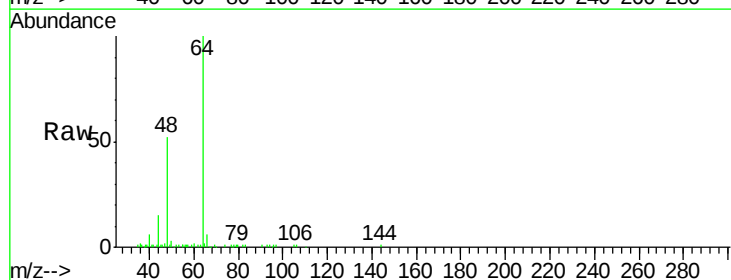
Acq: 26 Apr 2019 13:49

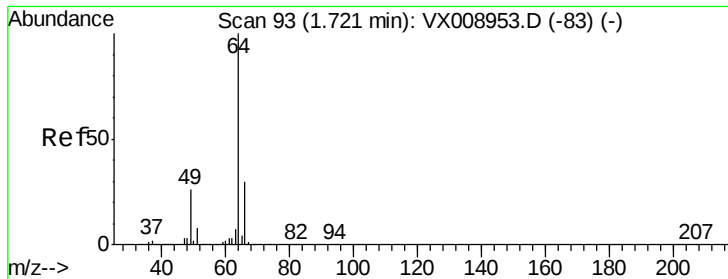
Tgt Ion: 94 Resp: 221

Ion Ratio Lower Upper

94 100

96 131.9 73.9 110.9#





#6

Chloroethane

Concen: 0.368 ug/l

RT: 1.90 min Scan# 122

Delta R.T. 0.18 min

Lab File: VX009186.D

Acq: 26 Apr 2019 13:49

Instrument :

MSVOA_X

ClientSampleId :

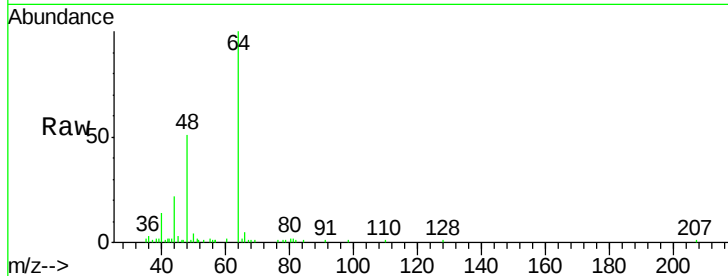
S81-0104

Tot Ion: 64 Resp: 630

Ion Ratio Lower Upper

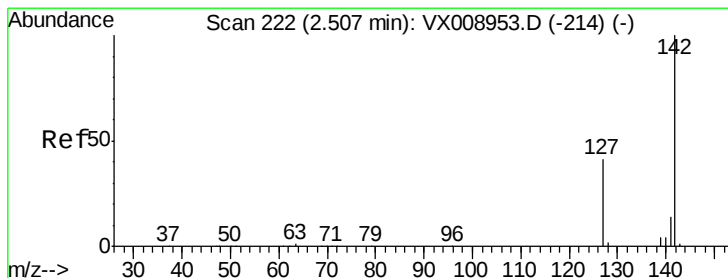
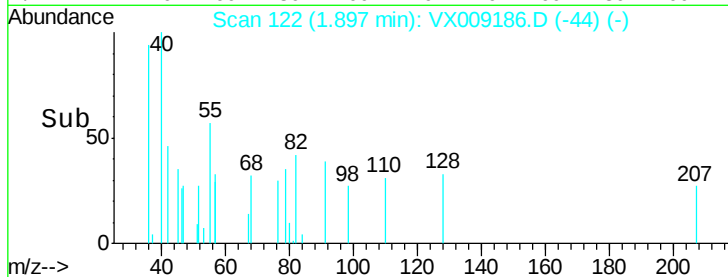
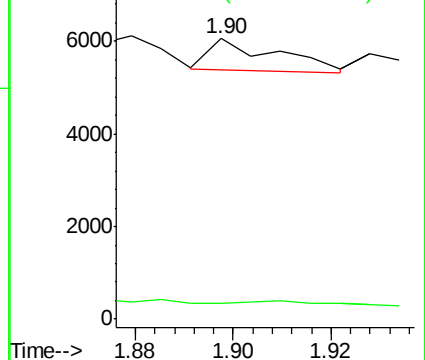
64 100

66 0.0 24.2 36.2#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



#10

Methyl Iodide

Concen: 4.507 ug/l

RT: 2.52 min Scan# 224

Delta R.T. 0.01 min

Lab File: VX009186.D

Acq: 26 Apr 2019 13:49

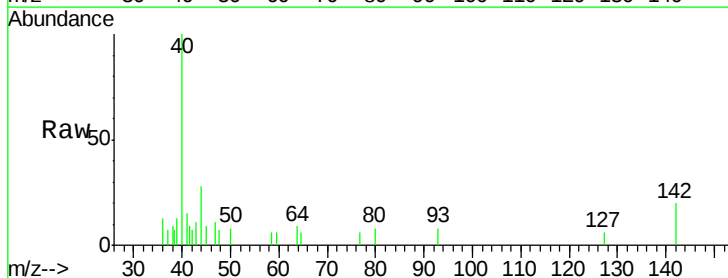
Tgt Ion: 142 Resp: 242

Ion Ratio Lower Upper

142 100

127 38.4 32.8 49.2

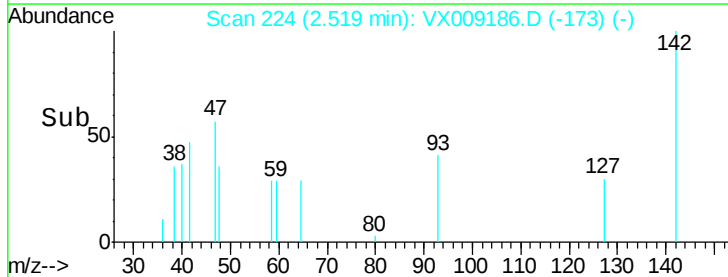
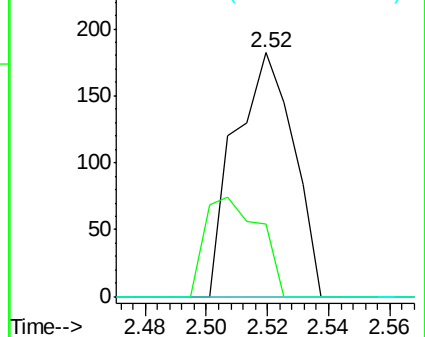
141 0.0 11.4 17.2#

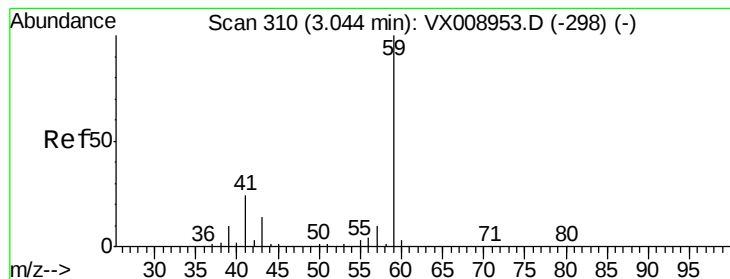


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



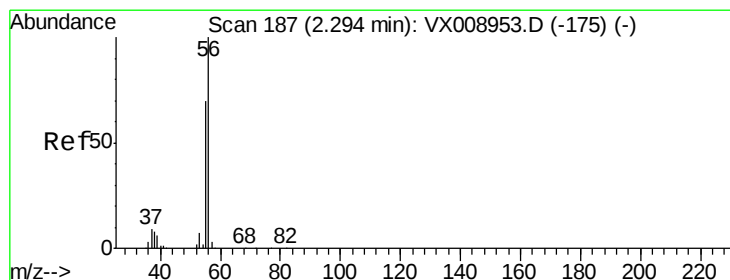
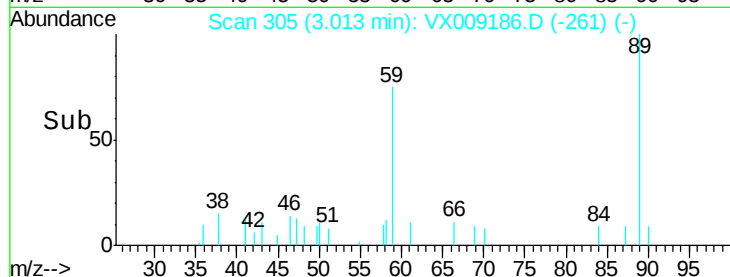
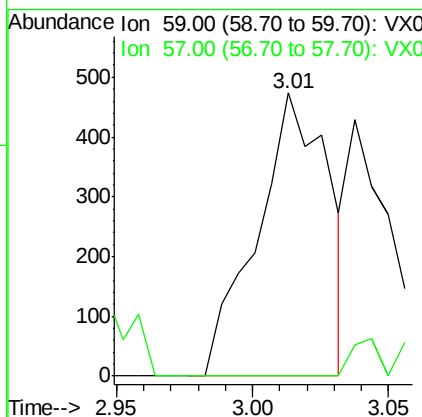
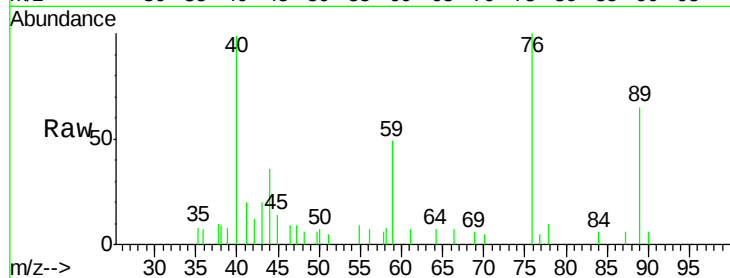


#11

Tert butyl alcohol
 Concen: 1.300 ug/l
 RT: 3.01 min Scan# 305
 Delta R.T. -0.03 min
 Lab File: VX009186.D
 Acq: 26 Apr 2019 13:49

Instrument :
 MSVOA_X
 ClientSampled :
 S81-0104

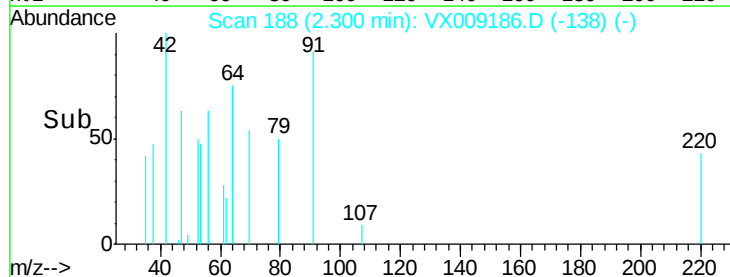
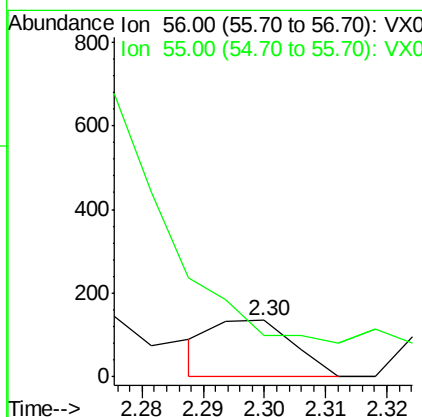
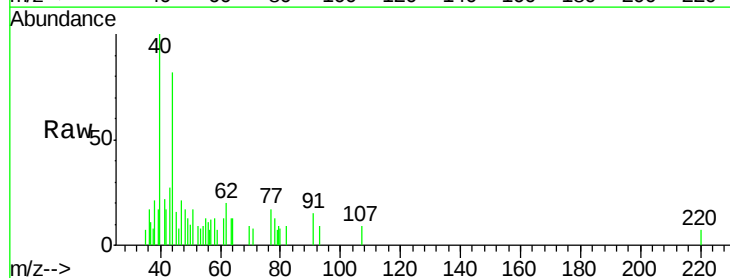
Tot Ion: 59 Resp: 861
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.4 12.6#

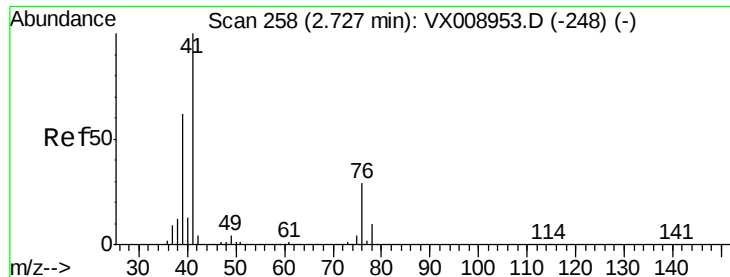


#13

Acrolein
 Concen: 0.213 ug/l
 RT: 2.30 min Scan# 188
 Delta R.T. 0.01 min
 Lab File: VX009186.D
 Acq: 26 Apr 2019 13:49

Tgt Ion: 56 Resp: 122
 Ion Ratio Lower Upper
 56 100
 55 0.0 56.6 84.8#





#14

Allvl chloride

Concen: 1.923 ug/l

RT: 2.84 min Scan# 277

Delta R.T. 0.12 min

Lab File: VX009186.D

Acq: 26 Apr 2019 13:49

Instrument :

MSVOA_X

ClientSampleId :

S81-0104

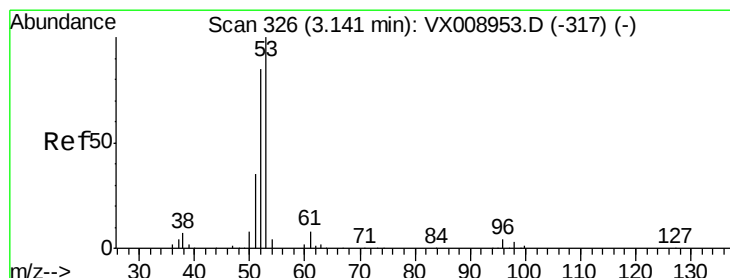
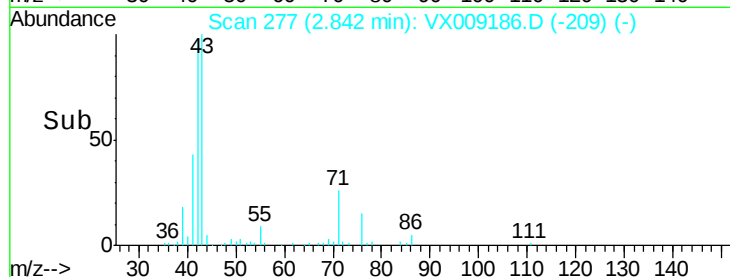
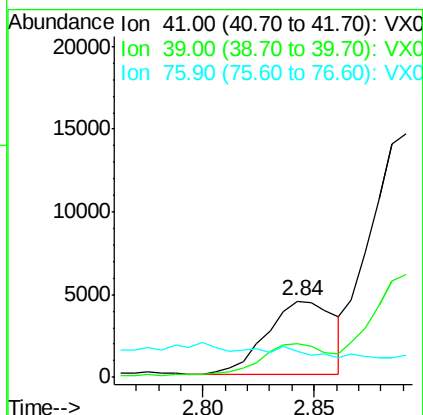
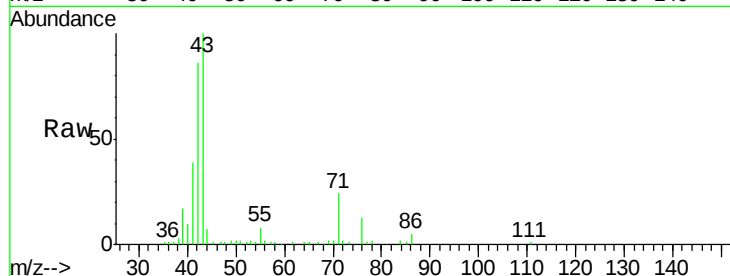
Tot Ion: 41 Resp: 9522

Ion Ratio Lower Upper

41 100

39 45.0 46.7 70.1#

76 0.0 22.0 33.0#



#15

Acrylonitrile

Concen: 1.604 ug/l

RT: 3.18 min Scan# 332

Delta R.T. 0.04 min

Lab File: VX009186.D

Acq: 26 Apr 2019 13:49

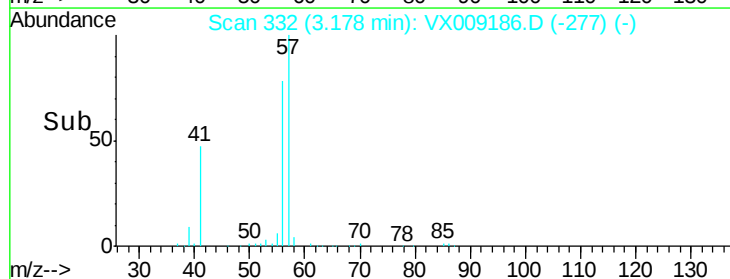
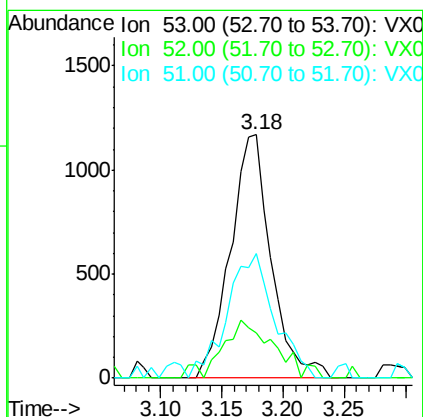
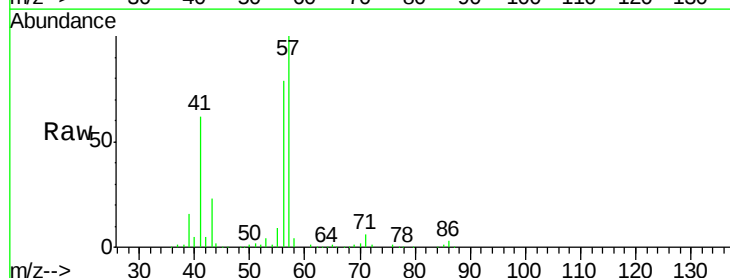
Tgt Ion: 53 Resp: 2696

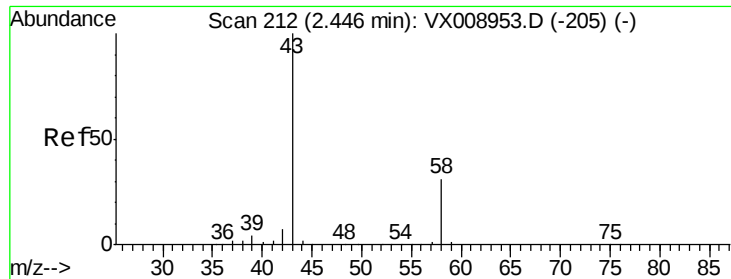
Ion Ratio Lower Upper

53 100

52 30.6 66.6 100.0#

51 59.6 28.3 42.5#





#16

Acetone

Concen: 4.777 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX009186.D

Acq: 26 Apr 2019 13:49

Instrument :

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ClientSampleId :

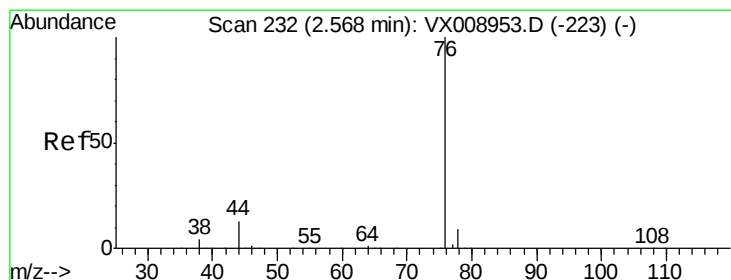
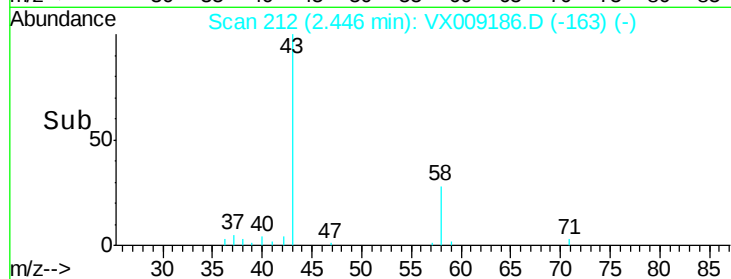
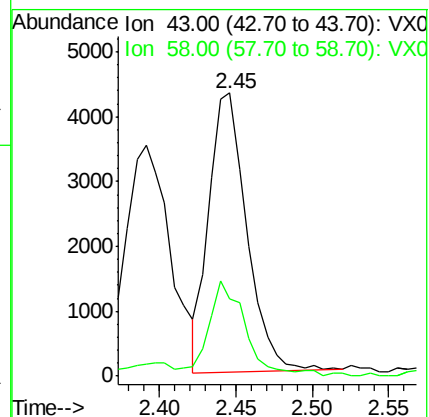
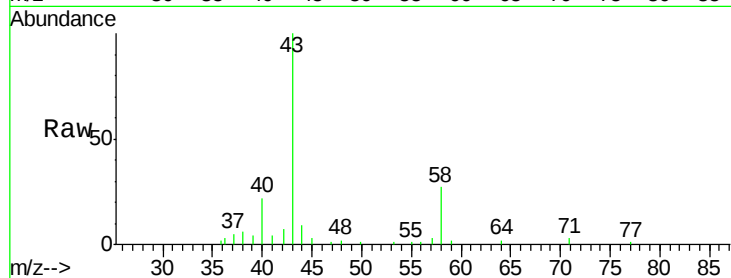
S81-0104

Tot Ion: 43 Resp: 7391

Ion Ratio Lower Upper

43 100

58 26.9 24.8 37.2



#17

Carbon Disulfide

Concen: 1.700 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX009186.D

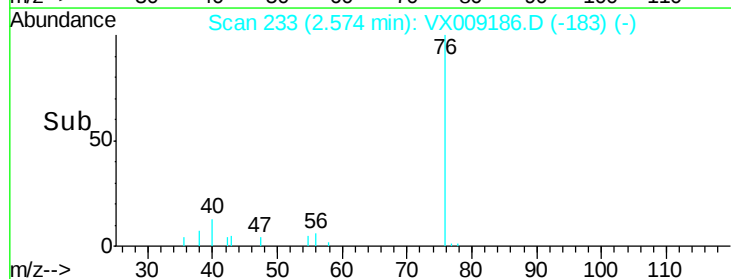
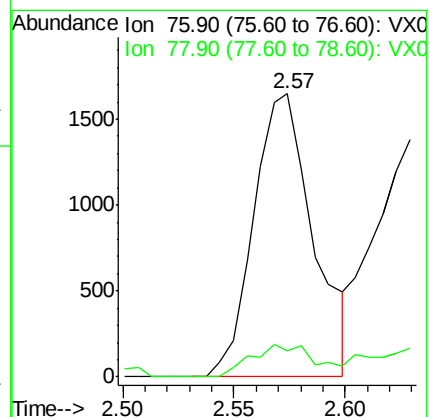
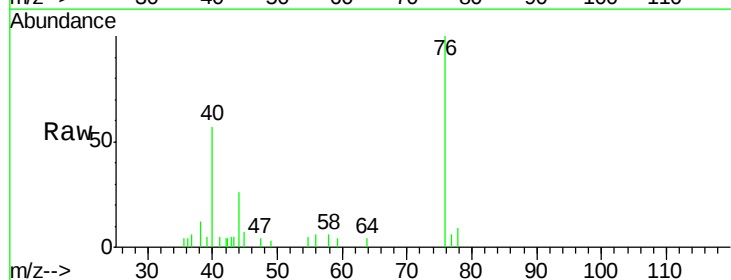
Acq: 26 Apr 2019 13:49

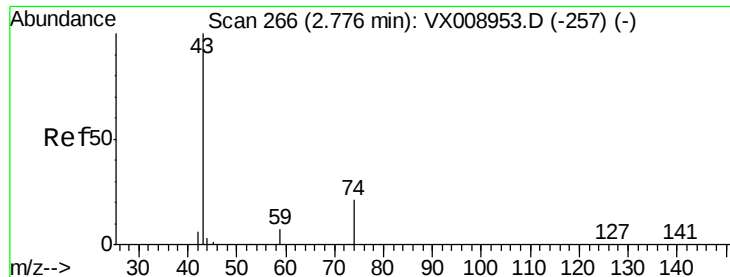
Tgt Ion: 76 Resp: 3064

Ion Ratio Lower Upper

76 100

78 9.4 7.2 10.8

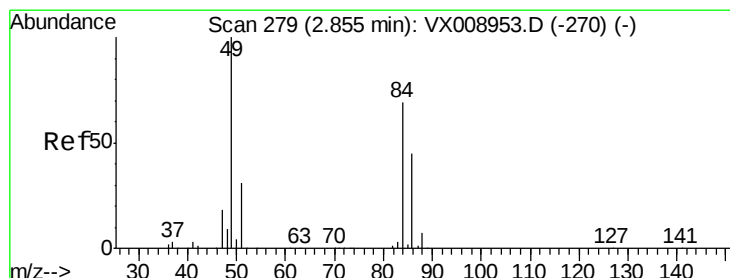
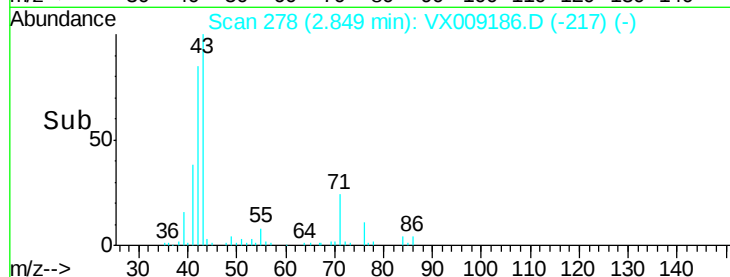
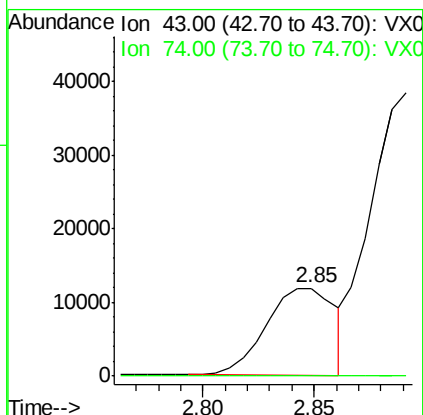
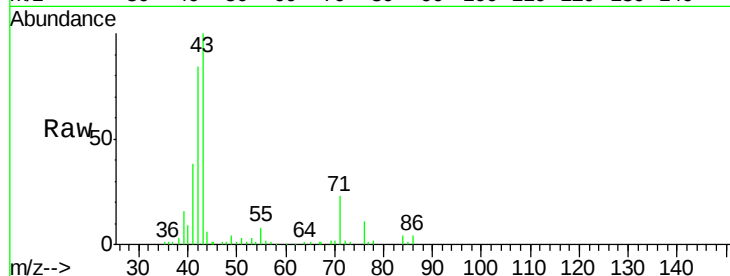




#18
Methvl Acetate
Concen: 6.548 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.07 min
Lab File: VX009186.D
Acq: 26 Apr 2019 13:49

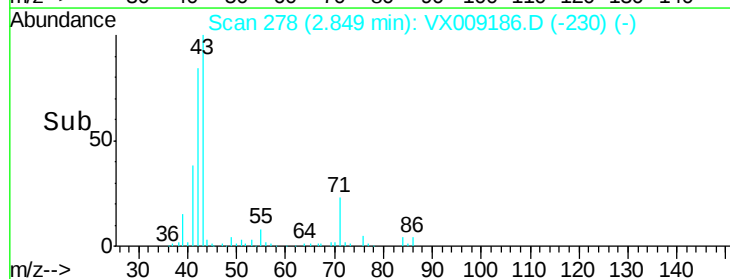
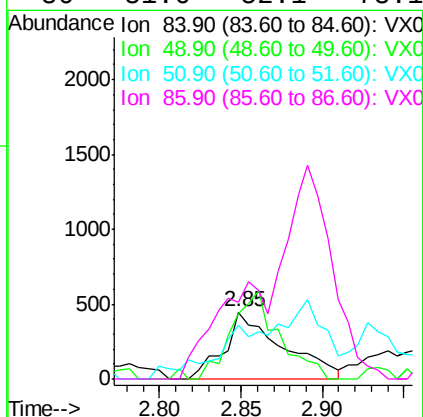
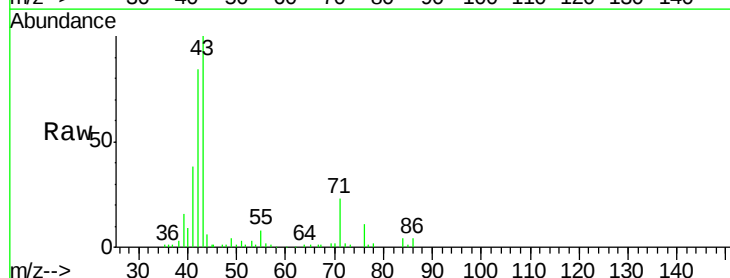
Instrument :
MSVOA_X
ClientSampled :
S81-0104

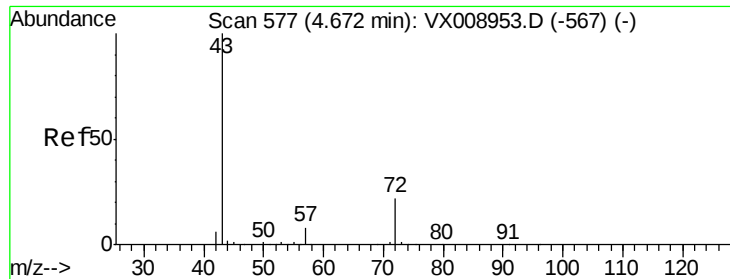
Tot Ion: 43 Resp: 25282
Ion Ratio Lower Upper
43 100
74 0.2 16.6 25.0#



#20
Methylene Chloride
Concen: 0.418 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.01 min
Lab File: VX009186.D
Acq: 26 Apr 2019 13:49

Tgt Ion: 84 Resp: 1105
Ion Ratio Lower Upper
84 100
49 98.4 115.4 173.0#
51 53.1 35.8 53.6
86 81.6 52.1 78.1#





#25

2-Butanone

Concen: 0.261 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.02 min

Lab File: VX009186.D

Acq: 26 Apr 2019 13:49

Instrument :

MSVOA_X

ClientSampled :

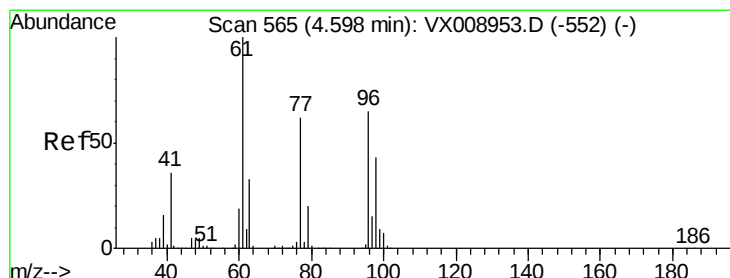
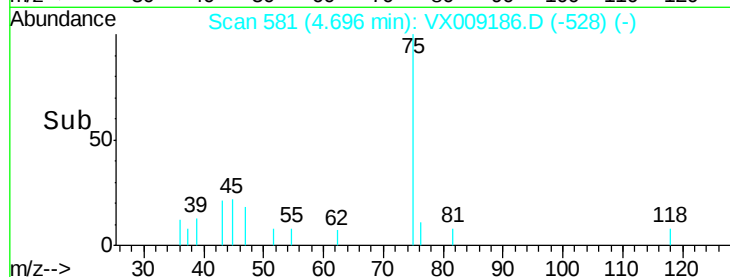
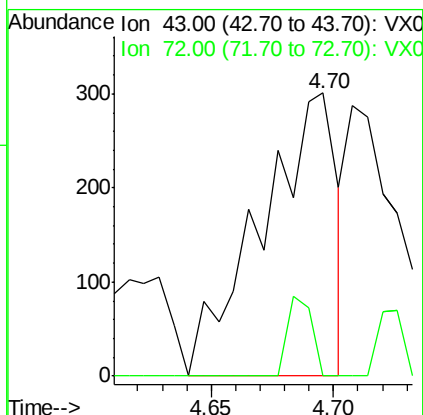
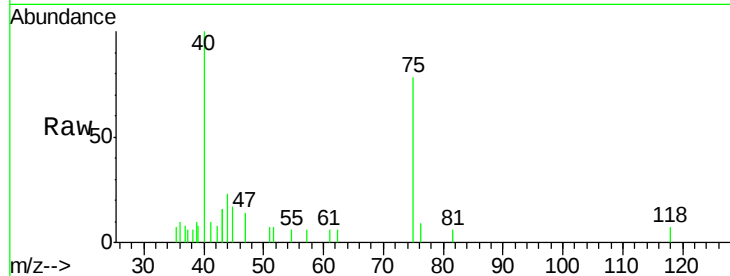
S81-0104

Tot Ion: 43 Resp: 645

Ion Ratio Lower Upper

43 100

72 0.0 17.5 26.3#



#27

cis-1,2-Dichloroethene

Concen: 2.184 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX009186.D

Acq: 26 Apr 2019 13:49

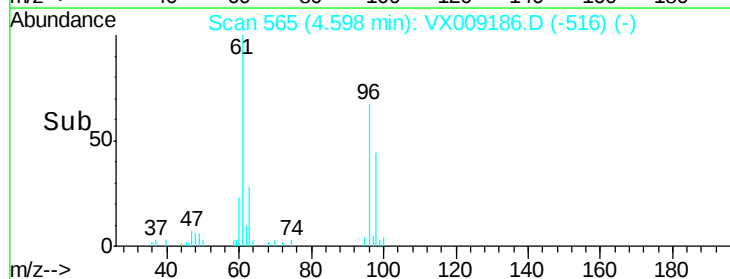
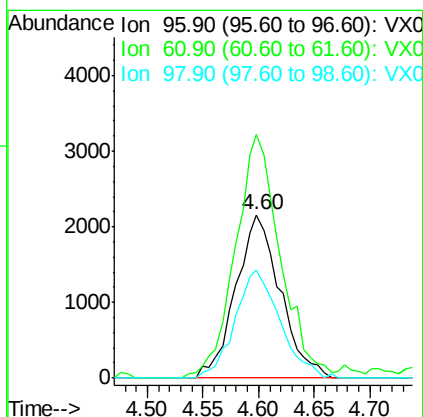
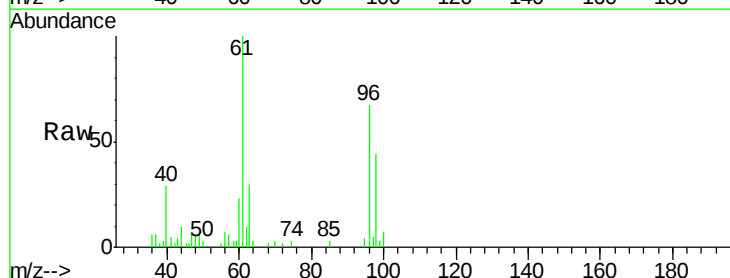
Tgt Ion: 96 Resp: 6005

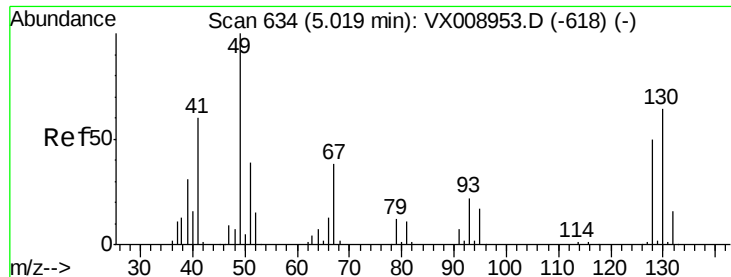
Ion Ratio Lower Upper

96 100

61 150.6 0.0 322.0

98 66.4 0.0 128.4





#28

Bromochloromethane

Concen: Below Cal

RT: 5.02 min Scan# 634

Delta R.T. -0.00 min

Lab File: VX009186.D

Acq: 26 Apr 2019 13:49

Instrument :

MSVOA_X

ClientSampleId :

S81-0104

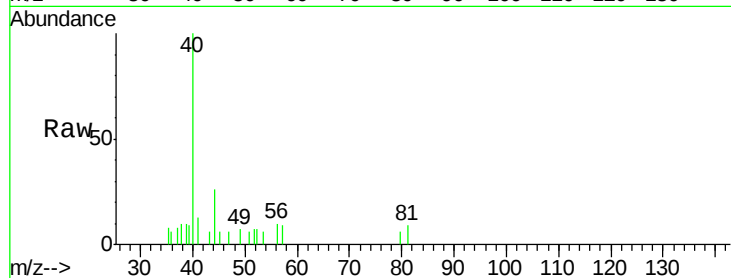
Tot Ion: 49 Resp: 24

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.6

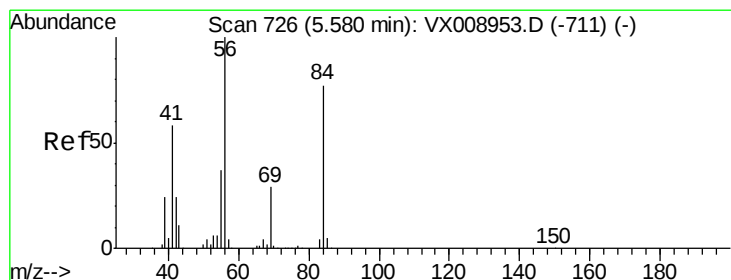
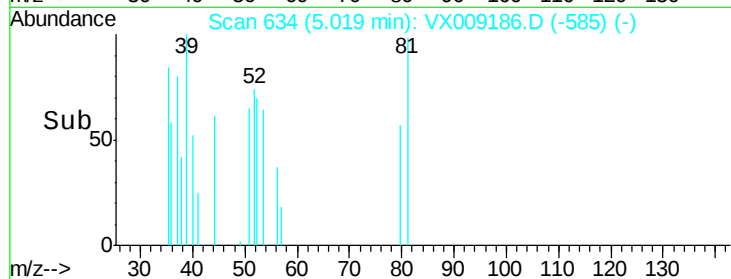
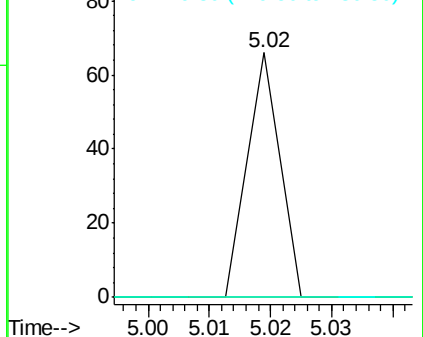
130 0.0 50.4 75.6#



Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#31

Cyclohexane

Concen: 19.485 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX009186.D

Acq: 26 Apr 2019 13:49

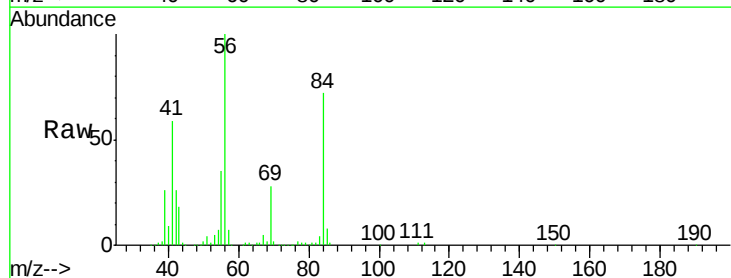
Tgt Ion: 56 Resp: 92586

Ion Ratio Lower Upper

56 100

69 28.0 23.3 34.9

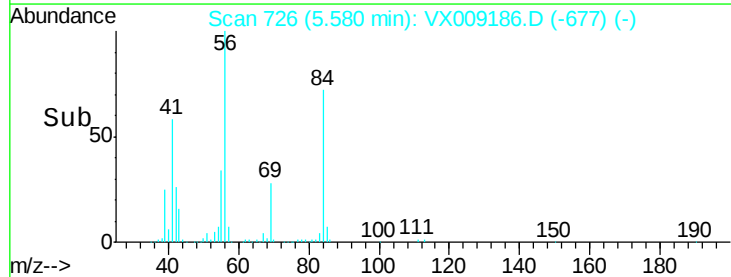
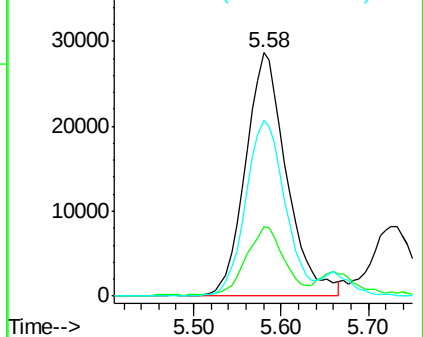
84 72.7 61.7 92.5

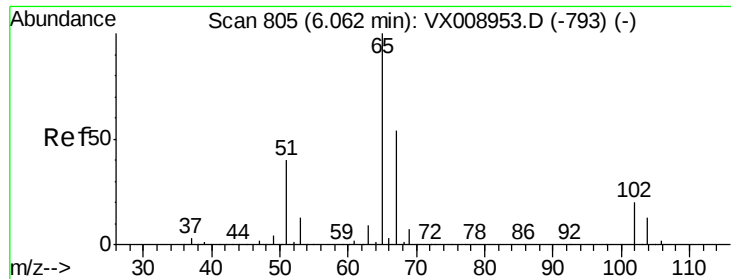


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

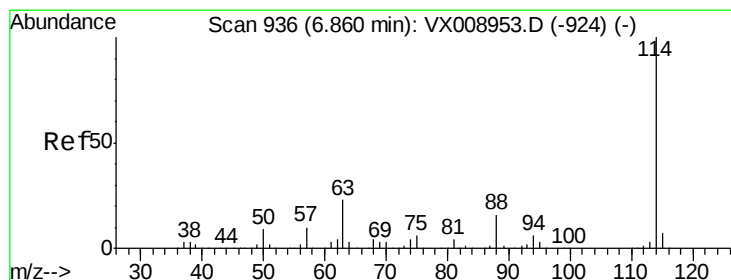
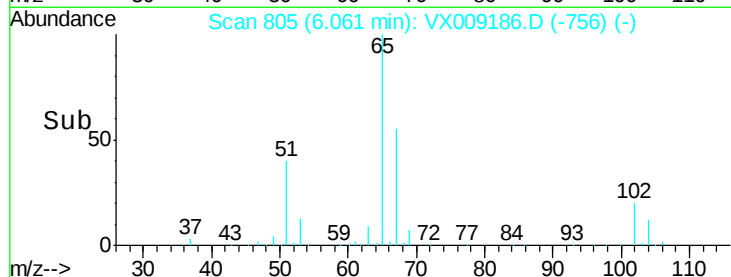
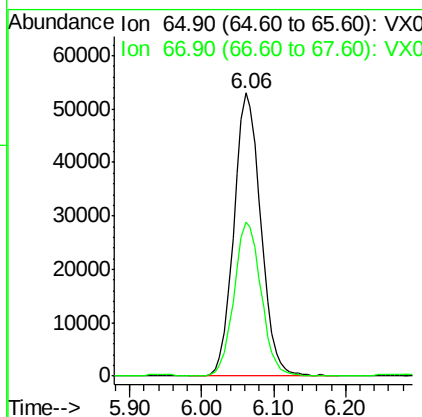
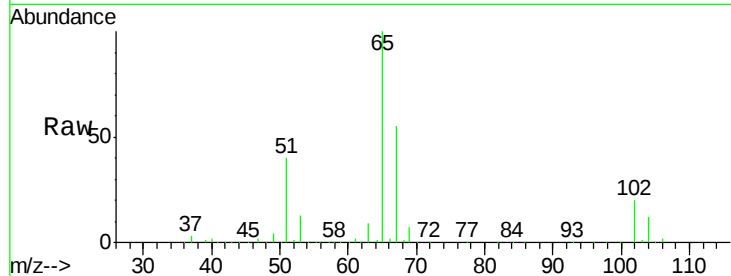




#33
 1,2-Dichloroethane-d4
 Concen: 46.198 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009186.D
 Acq: 26 Apr 2019 13:49

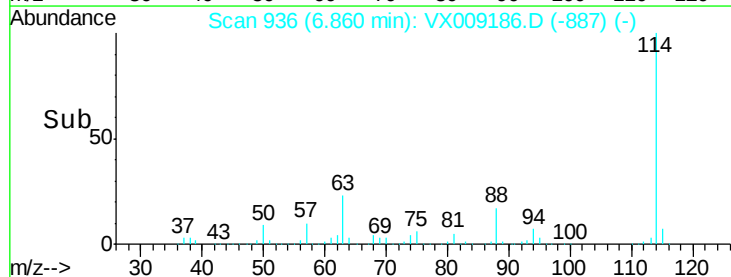
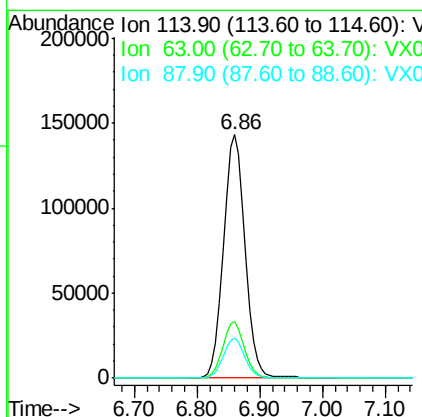
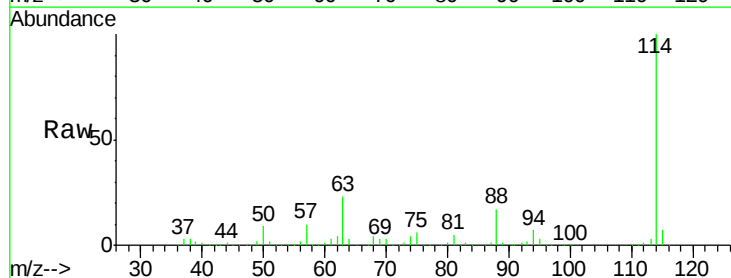
Instrument :
 MSVOA_X
 ClientSampled :
 S81-0104

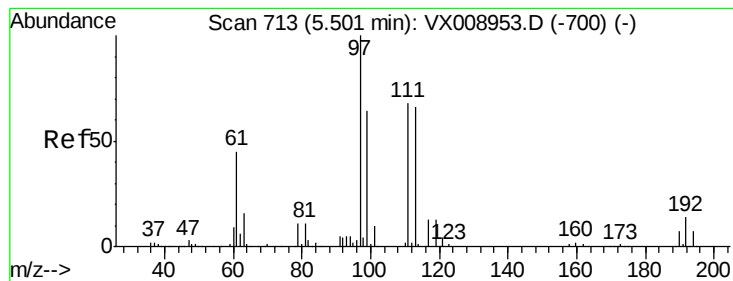
Tot Ion: 65 Resp: 137821
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009186.D
 Acq: 26 Apr 2019 13:49

Tgt Ion: 114 Resp: 340578
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 46.0
 88 16.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 46.679 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX009186.D

Acq: 26 Apr 2019 13:49

Instrument :

MSVOA_X

ClientSampleId :

S81-0104

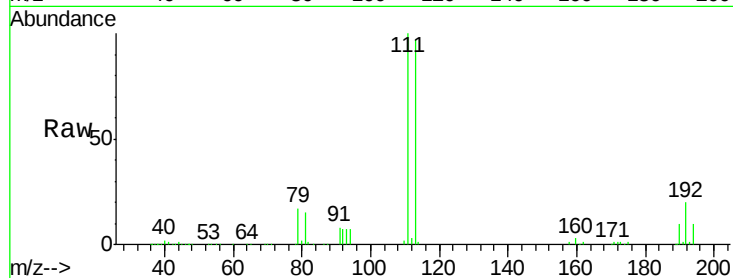
Tot Ion:113 Resp: 102028

Ion Ratio Lower Upper

113 100

111 103.8 82.9 124.3

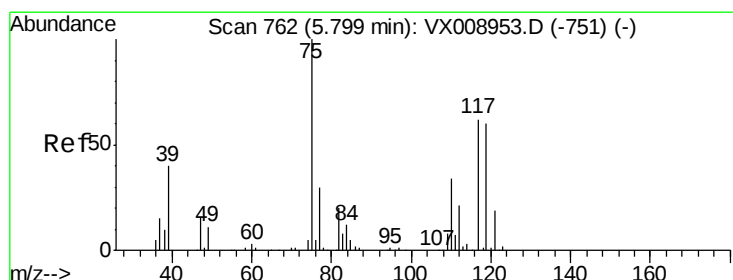
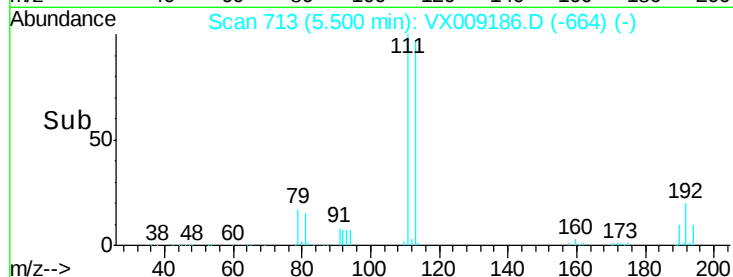
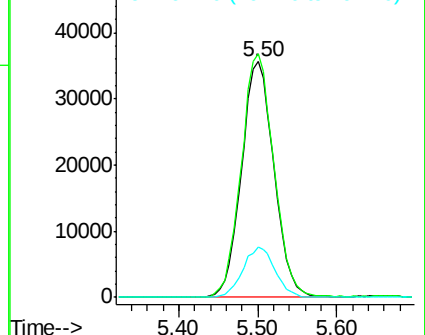
192 21.2 17.4 26.0



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: 4.768 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX009186.D

Acq: 26 Apr 2019 13:49

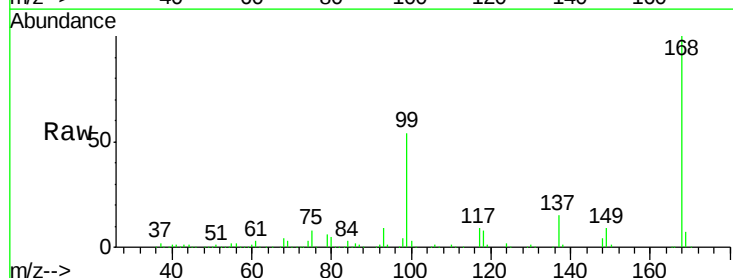
Tgt Ion: 75 Resp: 16794

Ion Ratio Lower Upper

75 100

110 9.6 16.9 50.7#

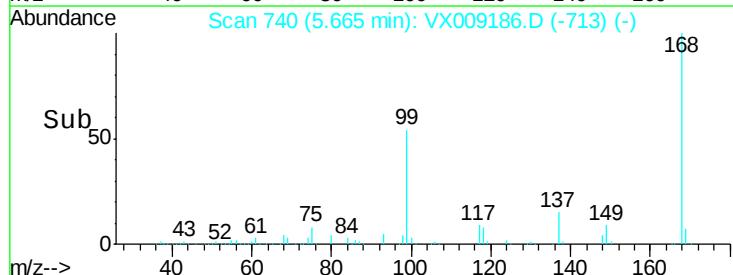
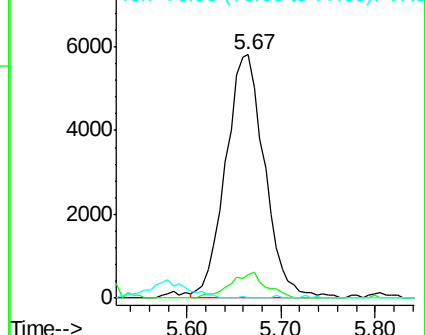
77 0.0 25.0 37.4#

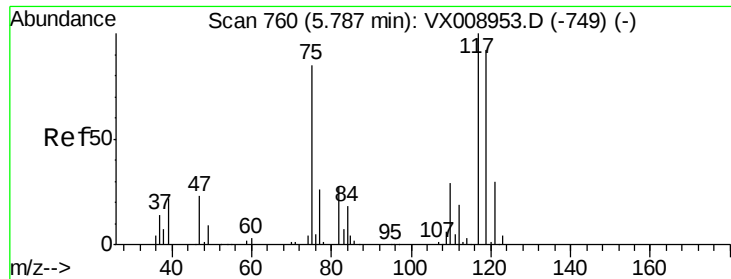


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.716 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX009186.D

Acq: 26 Apr 2019 13:49

Instrument :

MSVOA_X

ClientSampleId :

S81-0104

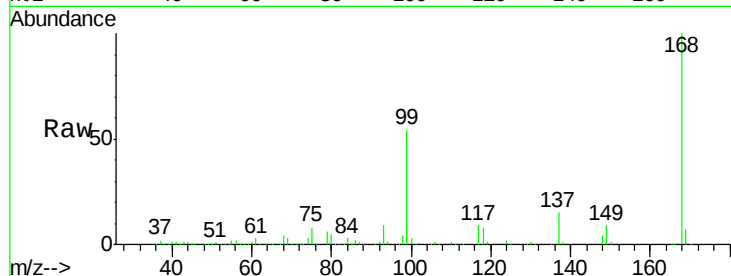
Tot Ion:117 Resp: 20054

Ion Ratio Lower Upper

117 100

119 6.0 73.8 110.8#

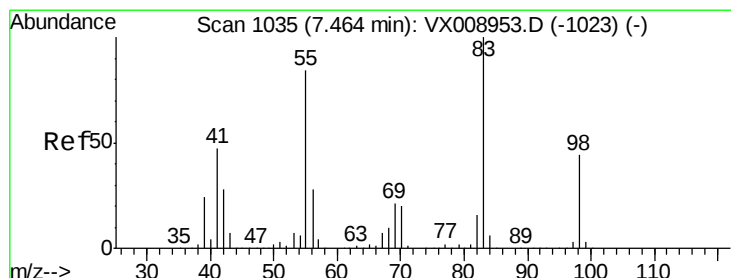
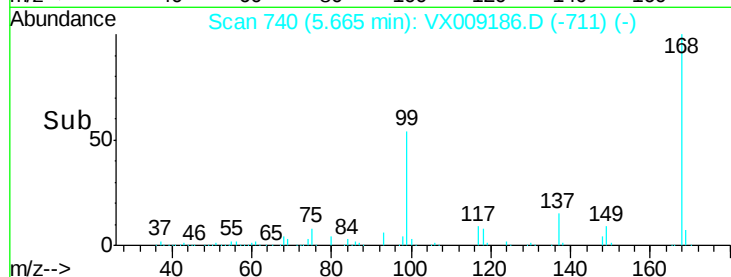
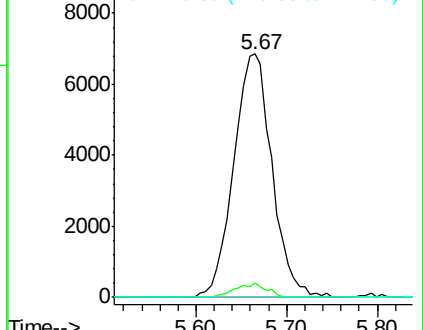
121 0.0 23.6 35.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 31.302 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.00 min

Lab File: VX009186.D

Acq: 26 Apr 2019 13:49

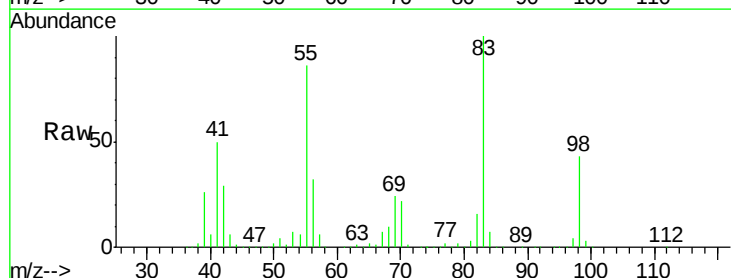
Tgt Ion: 83 Resp: 134240

Ion Ratio Lower Upper

83 100

55 85.8 67.1 100.7

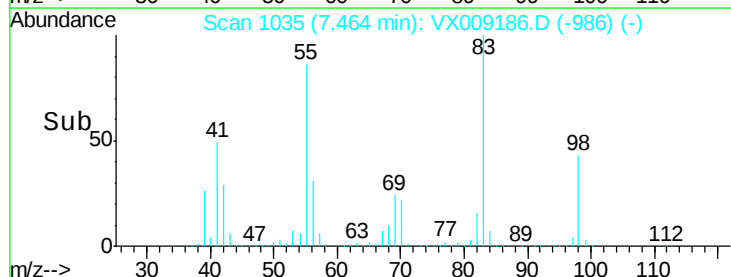
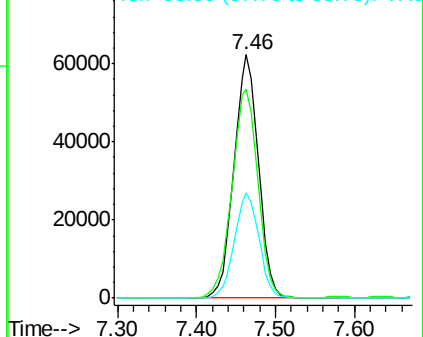
98 43.4 35.1 52.7

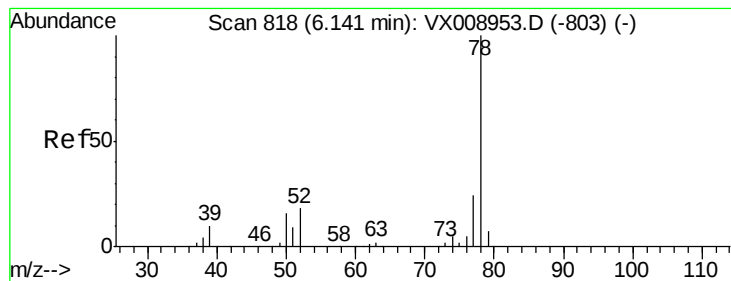


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 1.770 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX009186.D

Acq: 26 Apr 2019 13:49

Instrument :

MSVOA_X

ClientSampleId :

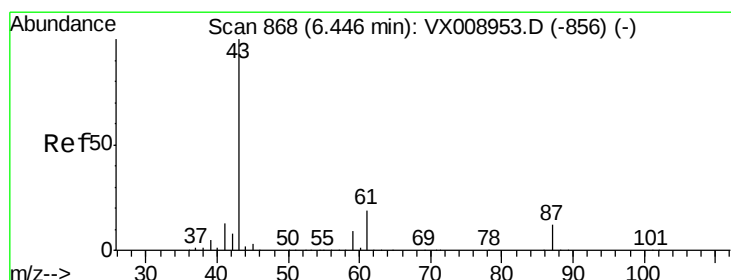
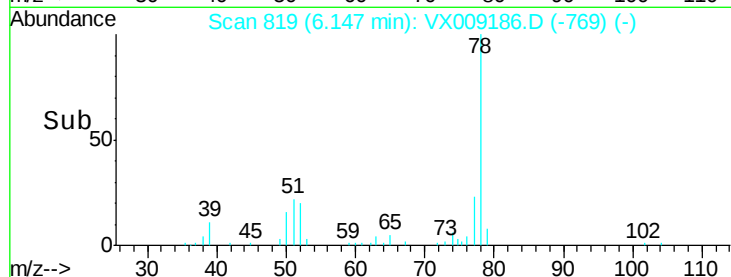
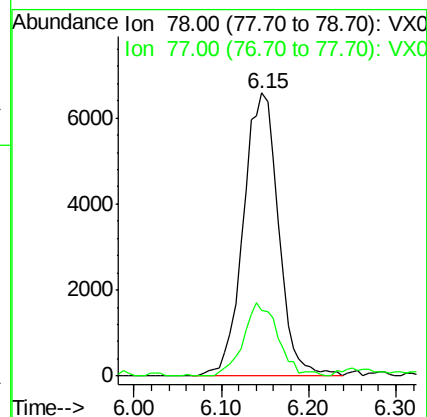
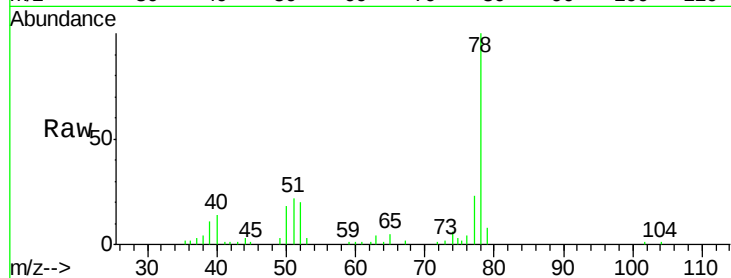
S81-0104

Tot Ion: 78 Resp: 18396

Ion Ratio Lower Upper

78 100

77 23.2 19.0 28.6



#43

Isopropyl Acetate

Concen: 0.348 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX009186.D

Acq: 26 Apr 2019 13:49

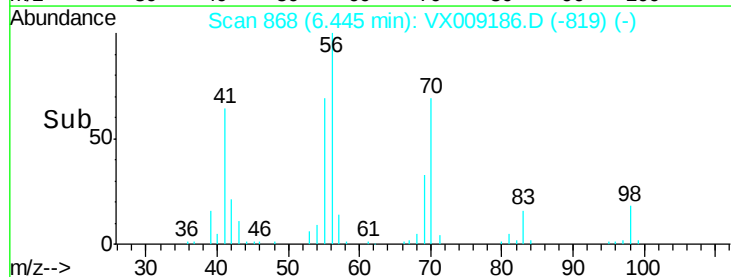
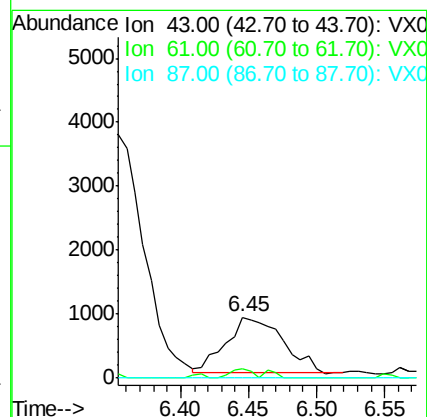
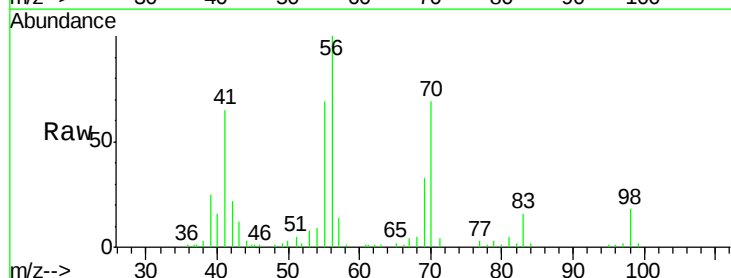
Tgt Ion: 43 Resp: 2541

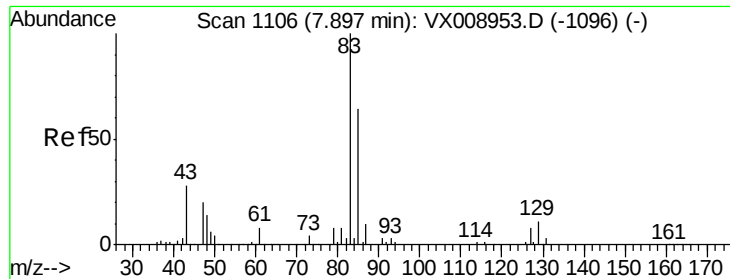
Ion Ratio Lower Upper

43 100

61 6.2 15.4 23.0#

87 0.0 9.0 13.4#





#47

Bromodichloromethane

Concen: 0.225 ug/l

RT: 7.85 min Scan# 1099

Delta R.T. -0.04 min

Lab File: VX009186.D

Acq: 26 Apr 2019 13:49

Instrument :

MSVOA_X

ClientSampleId :

S81-0104

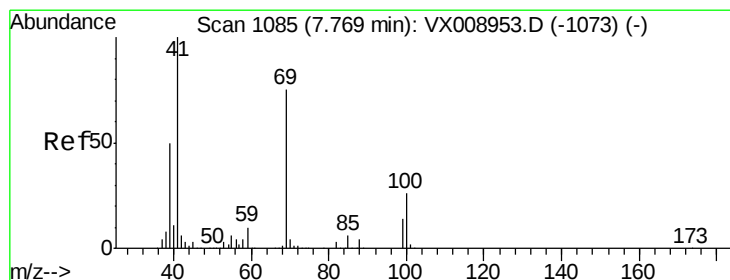
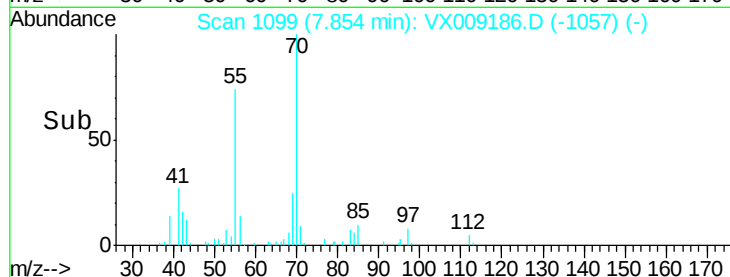
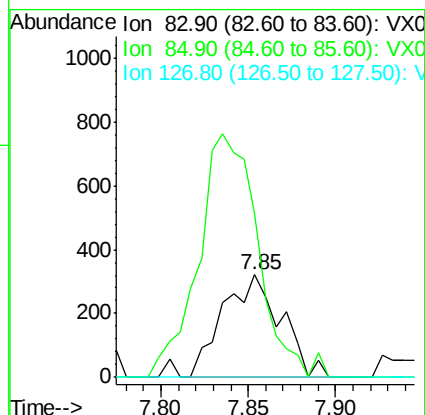
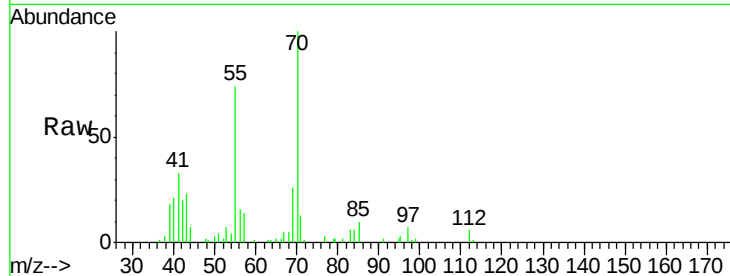
Tot Ion: 83 Resp: 741

Ion Ratio Lower Upper

83 100

85 160.1 50.8 76.2#

127 0.0 6.4 9.6#



#48

Methyl methacrylate

Concen: 2.305 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. -0.04 min

Lab File: VX009186.D

Acq: 26 Apr 2019 13:49

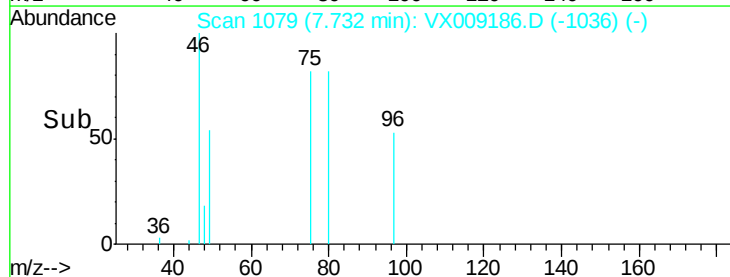
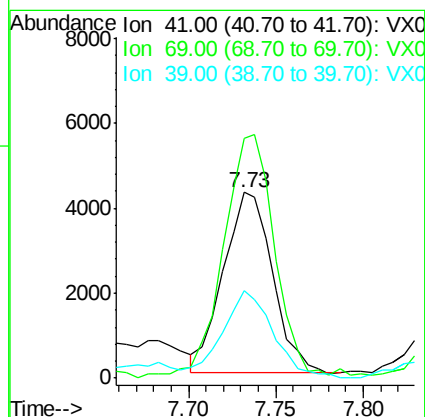
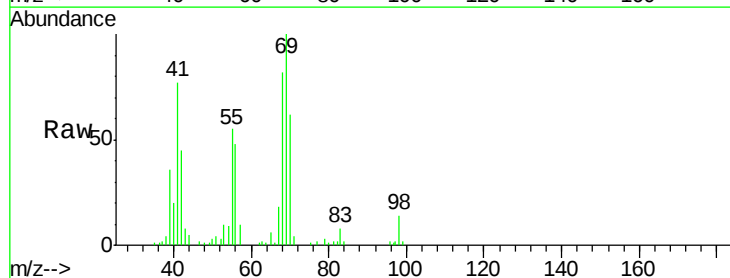
Tgt Ion: 41 Resp: 8318

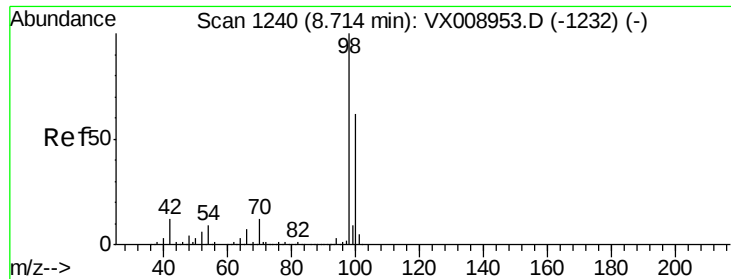
Ion Ratio Lower Upper

41 100

69 140.7 59.4 89.2#

39 50.4 39.8 59.6

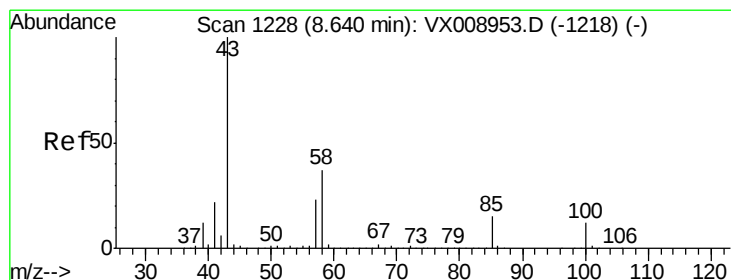
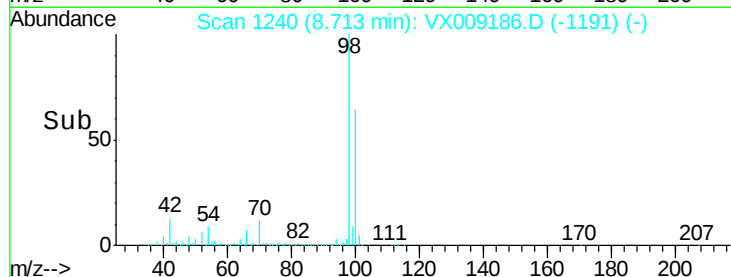
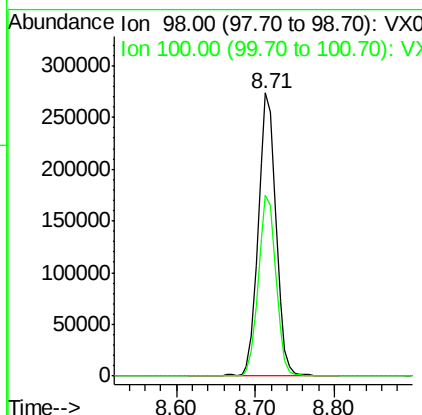
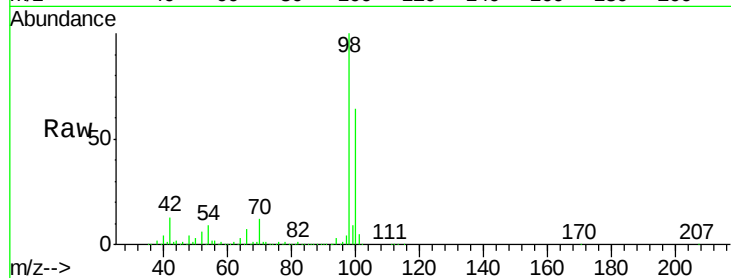




#50
Toluene-d8
Concen: 49.294 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009186.D
Acq: 26 Apr 2019 13:49

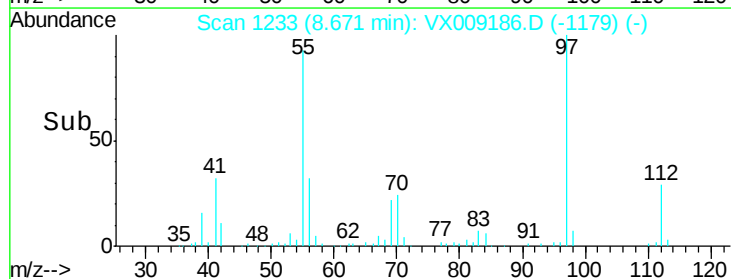
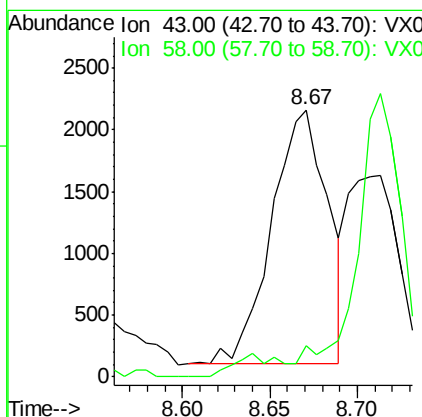
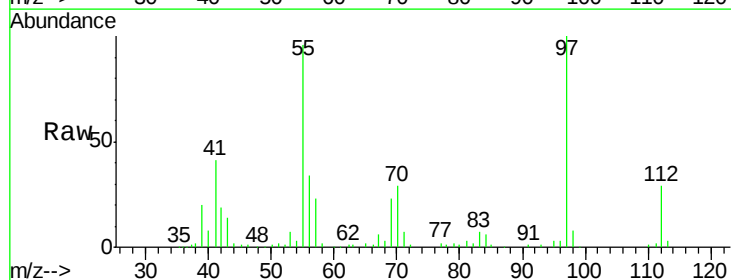
Instrument :
MSVOA_X
ClientSampled :
S81-0104

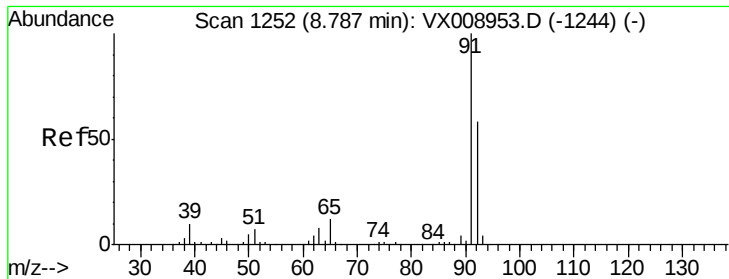
Tot Ion: 98 Resp: 429688
Ion Ratio Lower Upper
98 100
100 63.5 51.4 77.2



#51
4-Methyl-2-Pentanone
Concen: 0.984 ug/l
RT: 8.67 min Scan# 1233
Delta R.T. 0.03 min
Lab File: VX009186.D
Acq: 26 Apr 2019 13:49

Tgt Ion: 43 Resp: 4580
Ion Ratio Lower Upper
43 100
58 0.0 29.8 44.6#





#52

Toluene

Concen: 1.404 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX009186.D

Acq: 26 Apr 2019 13:49

Instrument :

MSVOA_X

ClientSampleId :

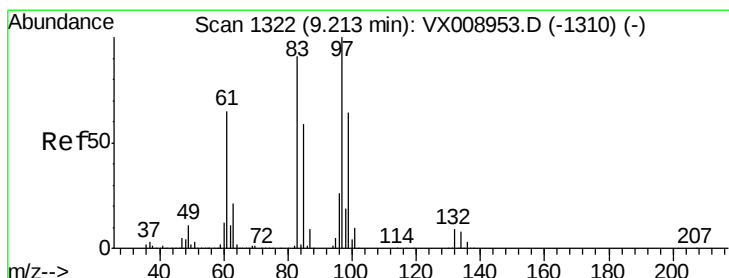
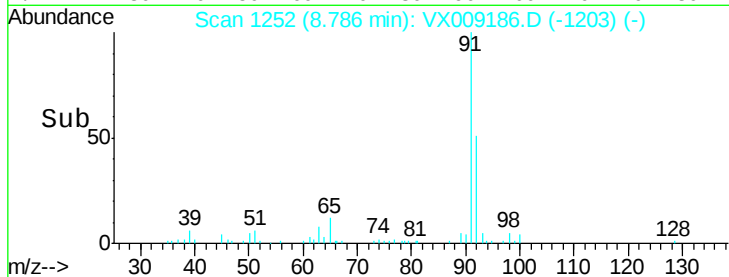
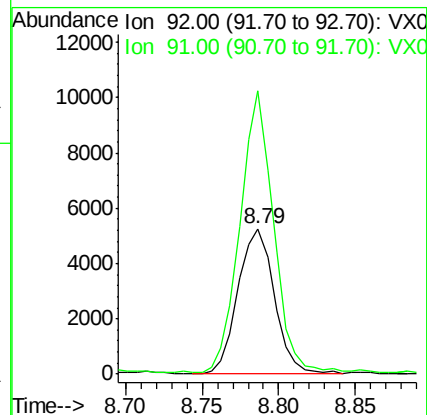
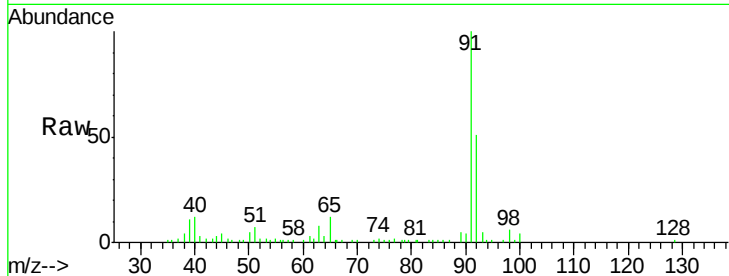
S81-0104

Tot Ion: 92 Resp: 8745

Ion Ratio Lower Upper

92 100

91 176.7 138.5 207.7



#55

1,1,2-Trichloroethane

Concen: 5.575 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX009186.D

Acq: 26 Apr 2019 13:49

Tgt Ion: 97 Resp: 13759

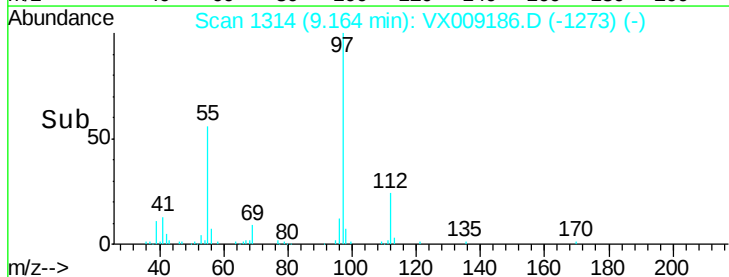
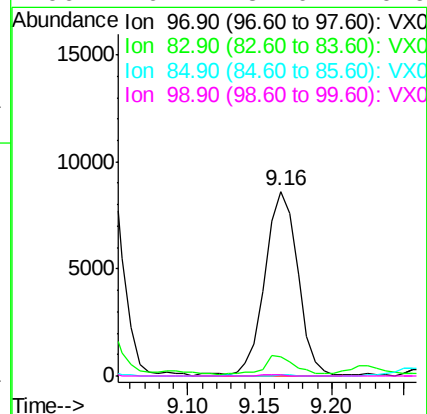
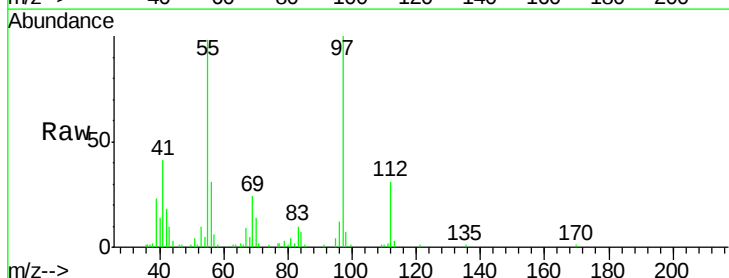
Ion Ratio Lower Upper

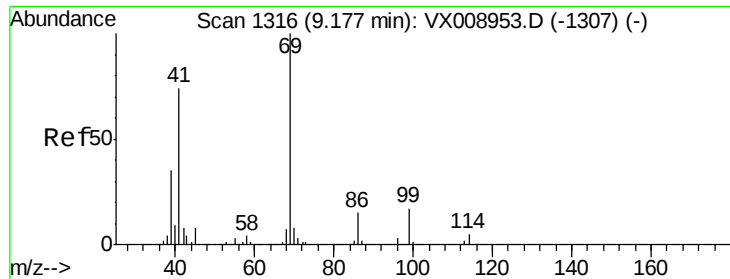
97 100

83 8.2 72.6 108.8#

85 0.9 46.9 70.3#

99 0.7 51.0 76.6#





#56

Ethyl methacrylate

Concen: 0.762 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.01 min

Lab File: VX009186.D

Acq: 26 Apr 2019 13:49

Instrument :

MSVOA_X

ClientSampleId :

S81-0104

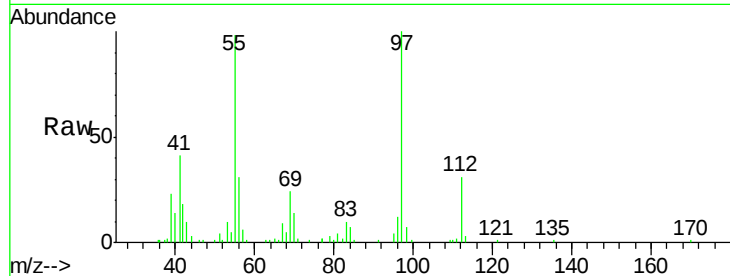
Tot Ion: 69 Resp: 3371

Ion Ratio Lower Upper

69 100

41 171.2 60.2 90.2#

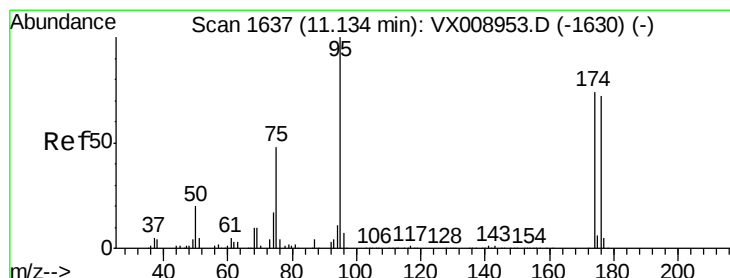
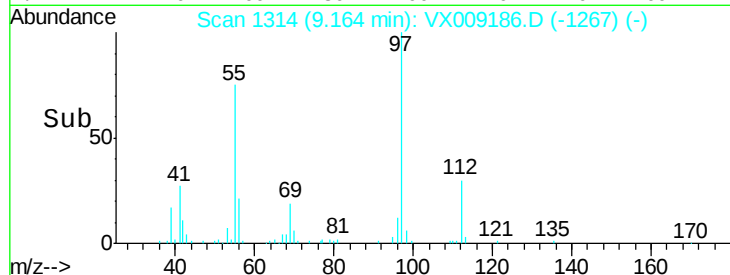
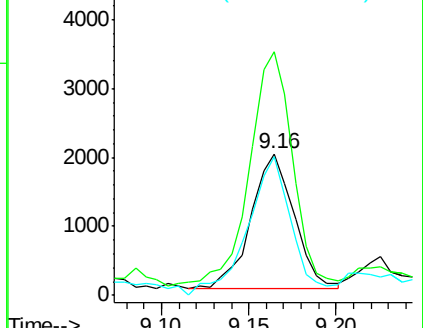
39 103.6 27.9 41.9#



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#62

4-Bromofluorobenzene

Concen: 45.865 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009186.D

Acq: 26 Apr 2019 13:49

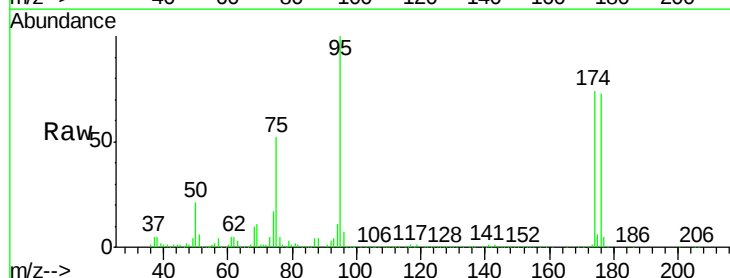
Tgt Ion: 95 Resp: 141129

Ion Ratio Lower Upper

95 100

174 79.3 0.0 159.6

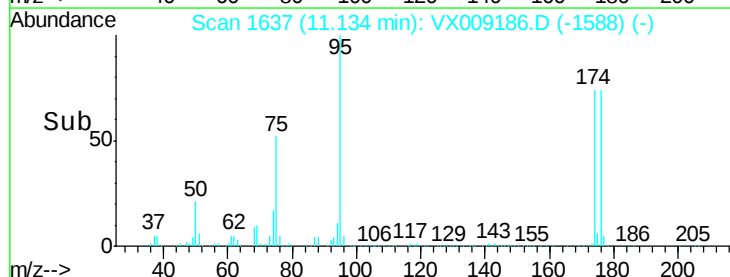
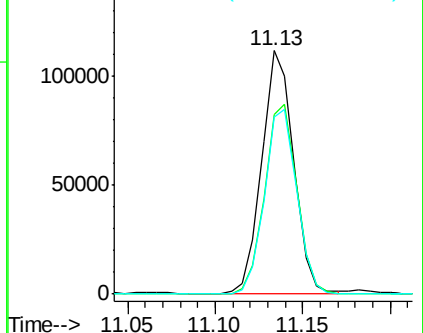
176 77.4 0.0 154.8

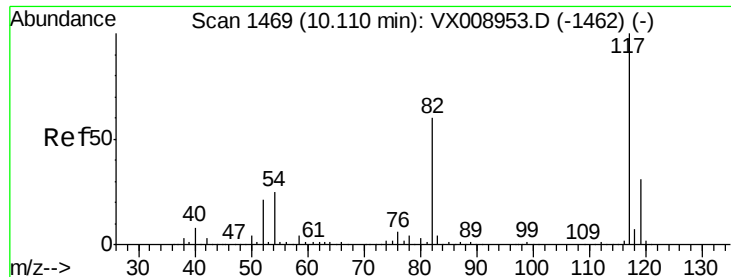


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

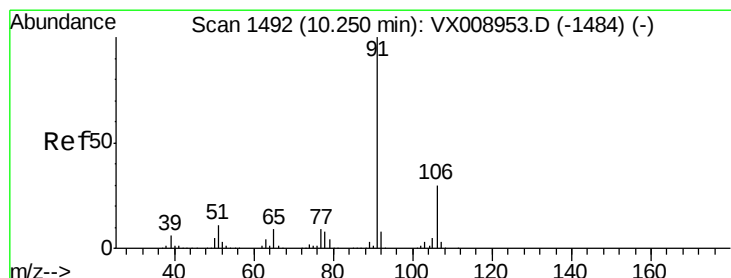
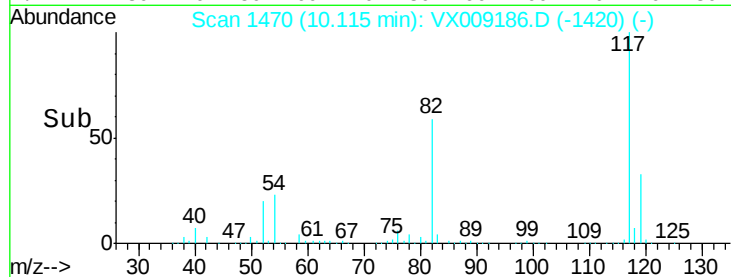
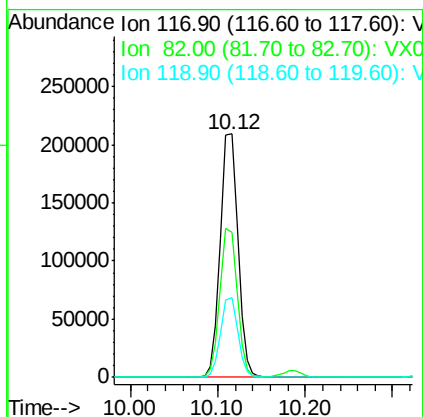
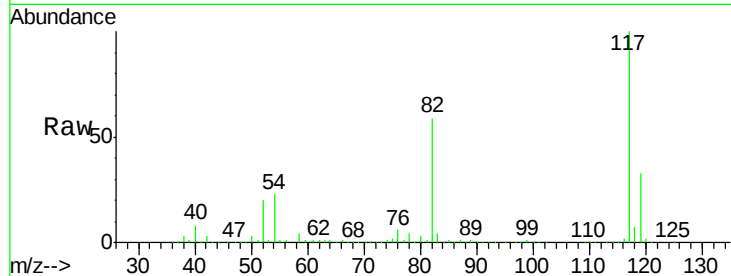




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX009186.D
Acq: 26 Apr 2019 13:49

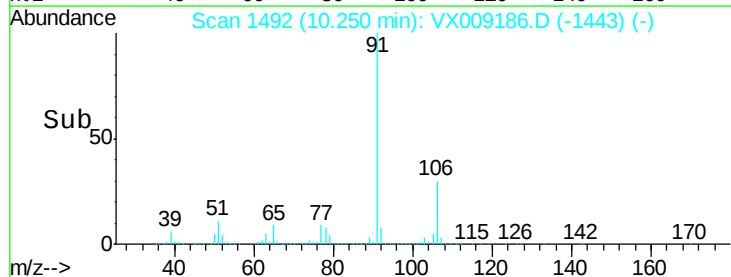
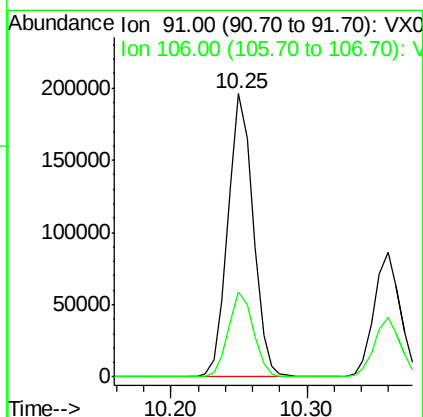
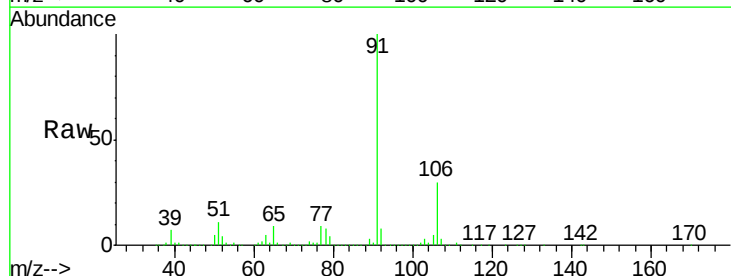
Instrument :
MSVOA_X
ClientSampled :
S81-0104

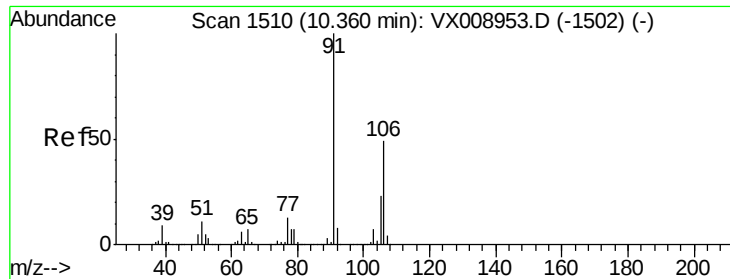
Tot Ion:117 Resp: 293116
Ion Ratio Lower Upper
117 100
82 59.3 48.2 72.4
119 32.5 25.0 37.6



#67
Ethyl Benzene
Concen: 22.372 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX009186.D
Acq: 26 Apr 2019 13:49

Tgt Ion: 91 Resp: 253022
Ion Ratio Lower Upper
91 100
106 29.9 24.3 36.5

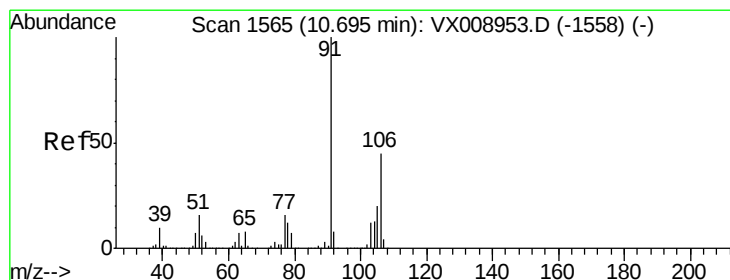
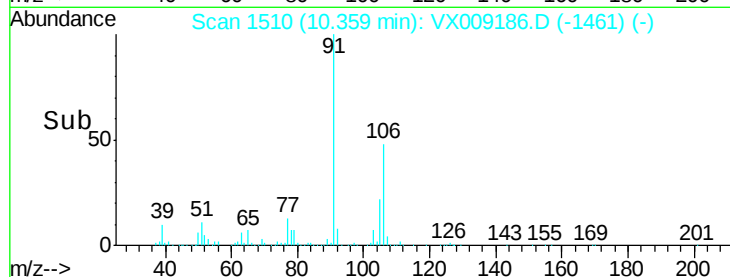
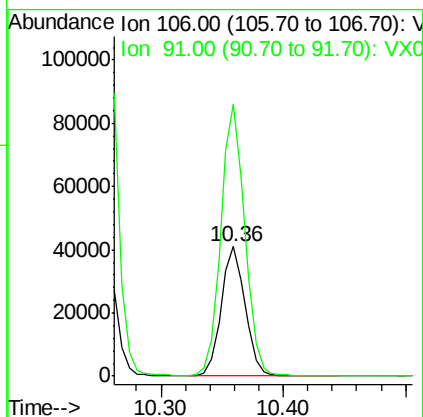
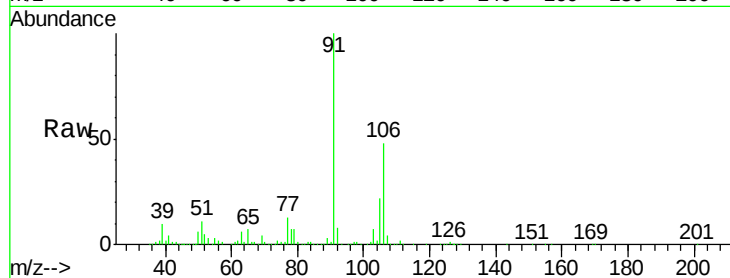




#68
m/p-Xylenes
Concen: 13.434 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009186.D
Acq: 26 Apr 2019 13:49

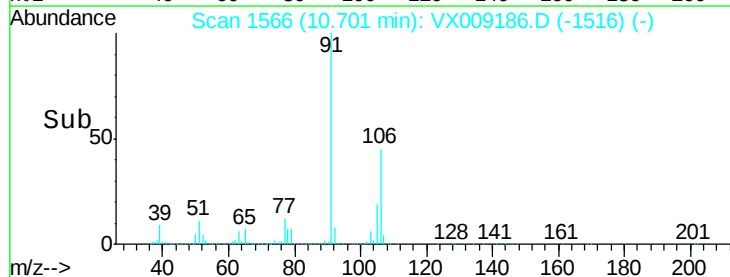
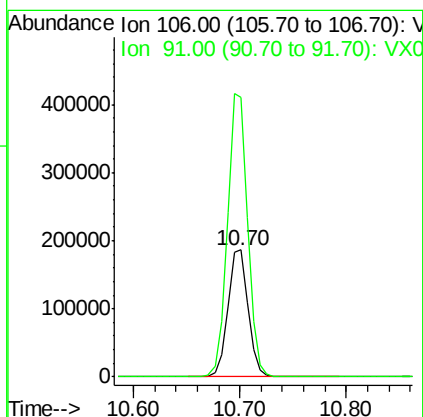
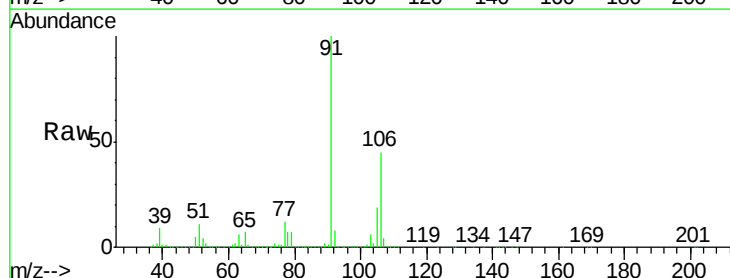
Instrument :
MSVOA_X
ClientSampleId :
S81-0104

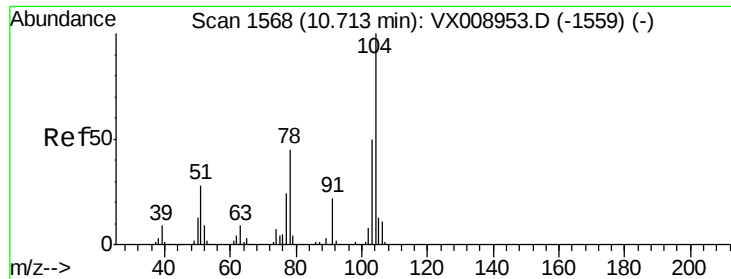
Tot Ion:106 Resp: 55218
Ion Ratio Lower Upper
106 100
91 209.3 165.4 248.2



#69
o-Xylene
Concen: 62.076 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX009186.D
Acq: 26 Apr 2019 13:49

Tgt Ion:106 Resp: 248265
Ion Ratio Lower Upper
106 100
91 222.1 108.9 326.7





#70

Stvrene

Concen: 1.827 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. -0.01 min

Lab File: VX009186.D

Acq: 26 Apr 2019 13:49

Instrument :

MSVOA_X

ClientSampleId :

S81-0104

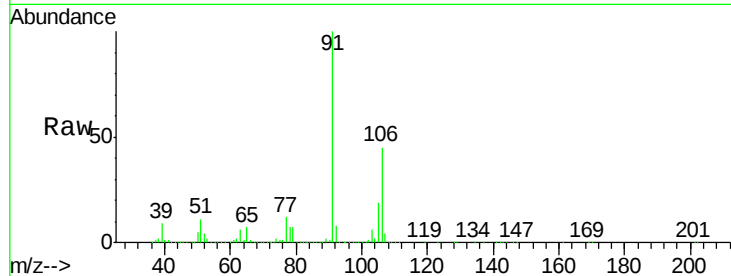
Tot Ion:104 Resp: 12659

Ion Ratio Lower Upper

104 100

78 299.2 41.2 61.8#

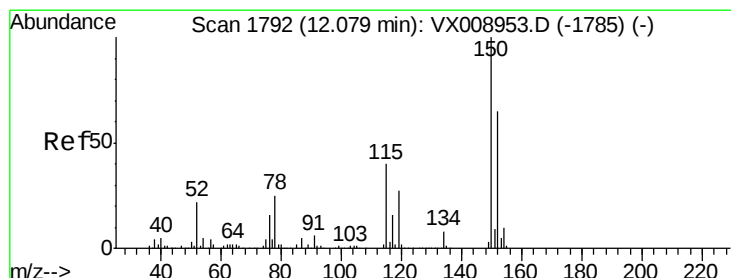
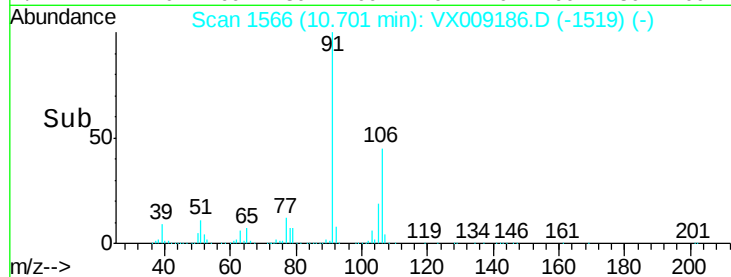
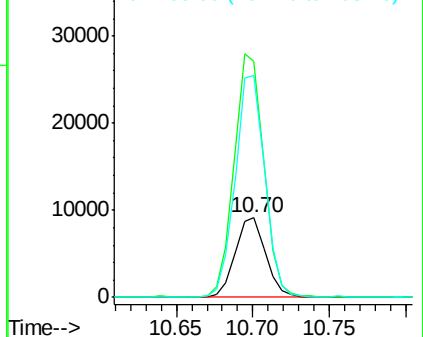
103 270.7 43.9 65.9#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009186.D

Acq: 26 Apr 2019 13:49

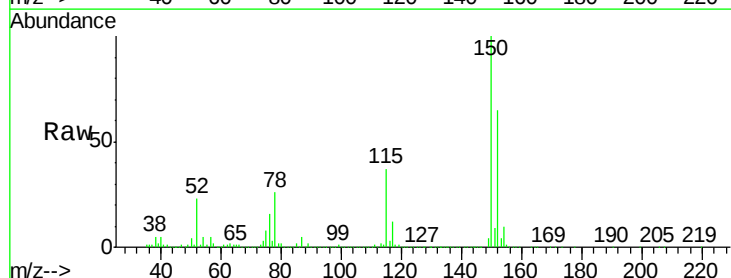
Tgt Ion:152 Resp: 124268

Ion Ratio Lower Upper

152 100

115 59.5 41.4 124.2

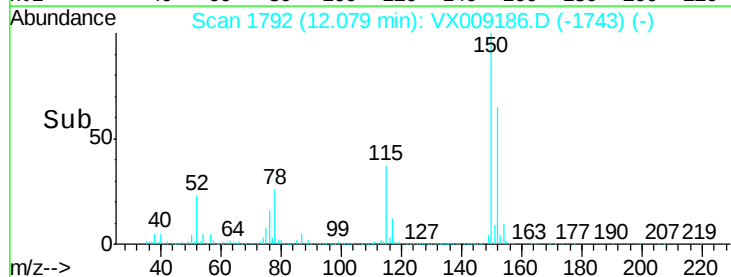
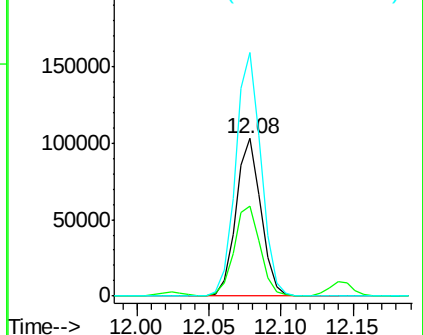
150 157.6 0.0 349.8

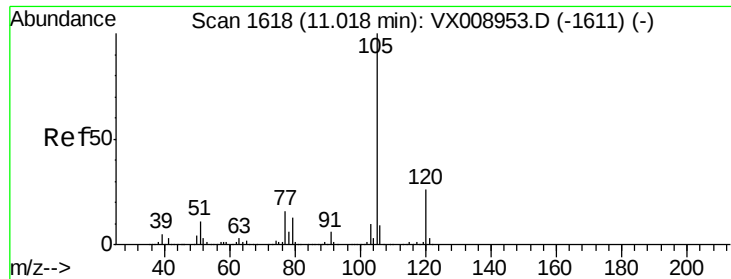


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 2.579 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009186.D

Acq: 26 Apr 2019 13:49

Instrument :

MSVOA_X

ClientSampleId :

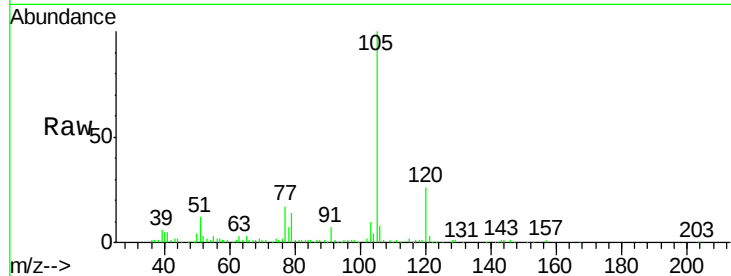
S81-0104

Tot Ion:105 Resp: 24291

Ion Ratio Lower Upper

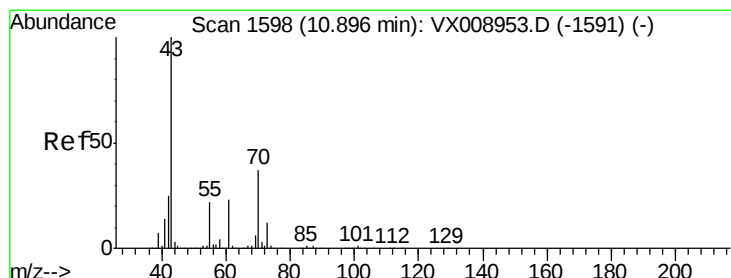
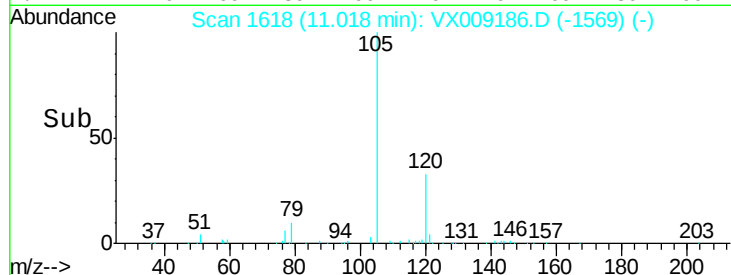
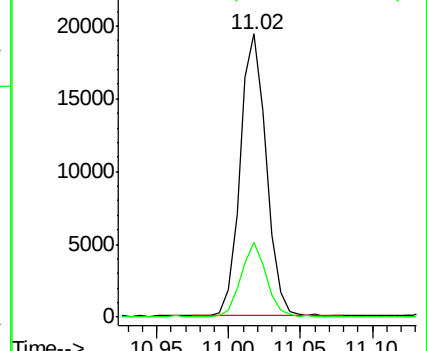
105 100

120 26.1 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 0.373 ug/l

RT: 10.91 min Scan# 1601

Delta R.T. 0.02 min

Lab File: VX009186.D

Acq: 26 Apr 2019 13:49

Tgt Ion: 43 Resp: 2015

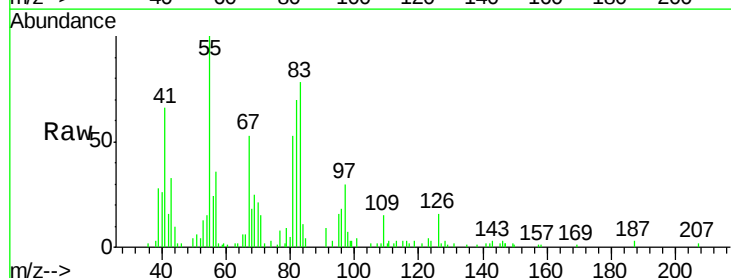
Ion Ratio Lower Upper

43 100

70 84.0 29.9 44.9#

55 360.0 17.8 26.8#

61 0.0 18.3 27.5#

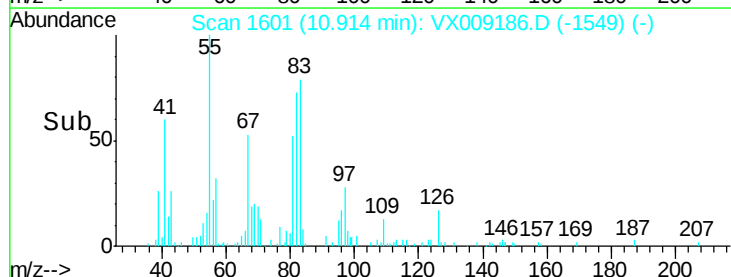
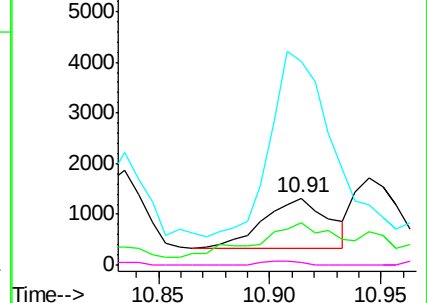


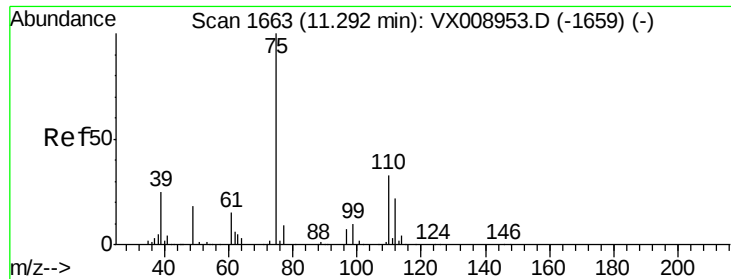
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#76

1,2,3-Trichloropropane

Concen: 23.698 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX009186.D

Acq: 26 Apr 2019 13:49

Instrument :

MSVOA_X

ClientSampleId :

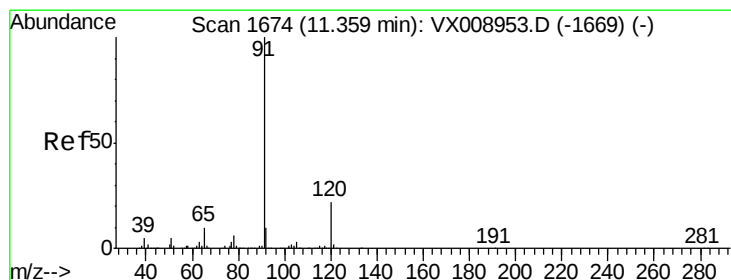
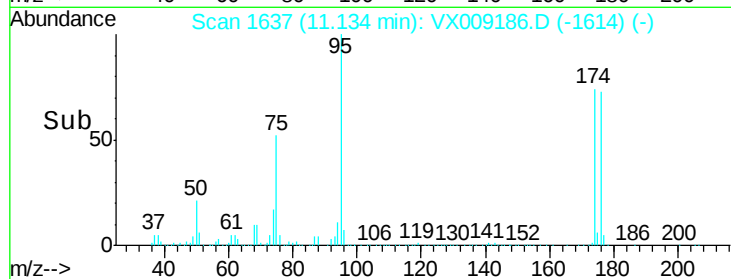
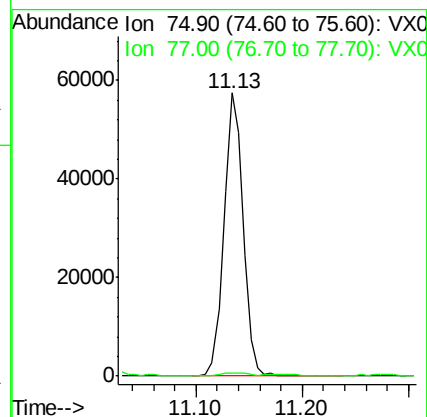
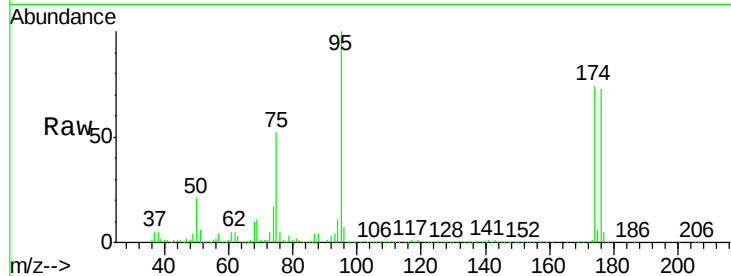
S81-0104

Tot Ion: 75 Resp: 71908

Ion Ratio Lower Upper

75 100

77 1.3 22.7 68.0#



#78

n-propylbenzene

Concen: 2.925 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009186.D

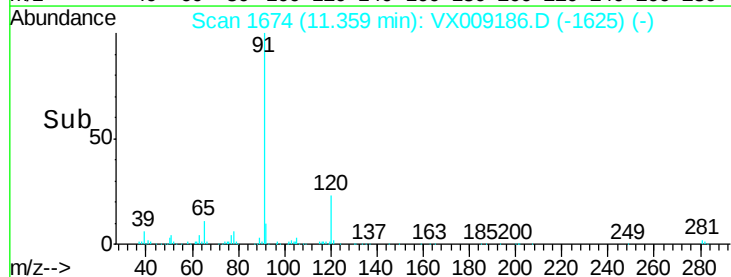
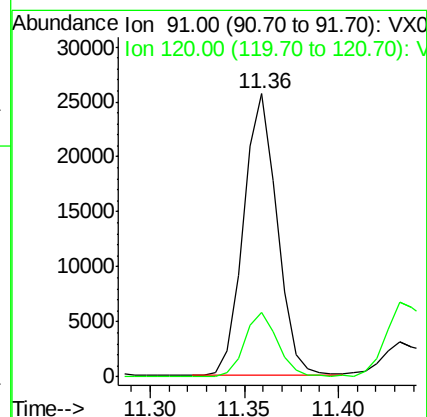
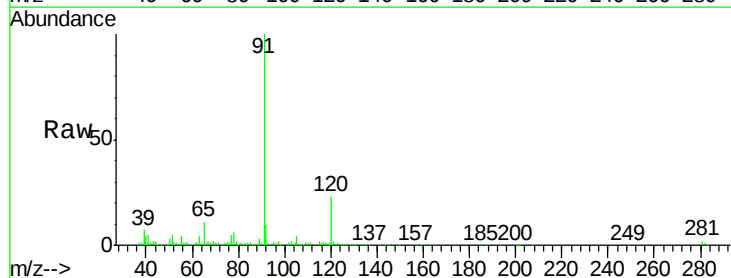
Acq: 26 Apr 2019 13:49

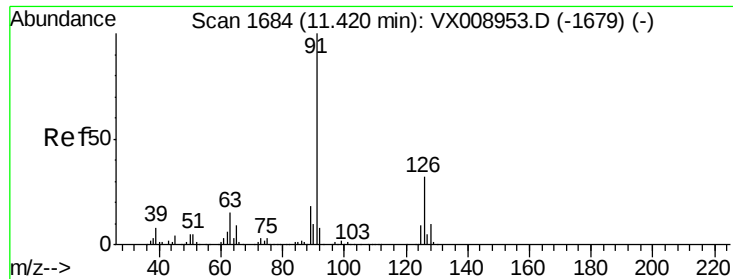
Tgt Ion: 91 Resp: 31626

Ion Ratio Lower Upper

91 100

120 22.7 10.9 32.9





#79

2-Chlorotoluene

Concen: 1.083 ug/l

RT: 11.45 min Scan# 1689

Delta R.T. 0.03 min

Lab File: VX009186.D

Acq: 26 Apr 2019 13:49

Instrument :

MSVOA_X

ClientSampleId :

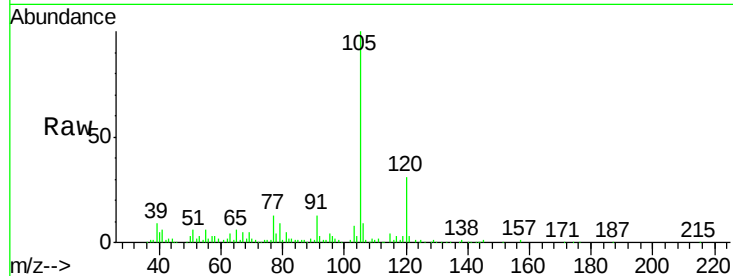
S81-0104

Tot Ion: 91 Resp: 7056

Ion Ratio Lower Upper

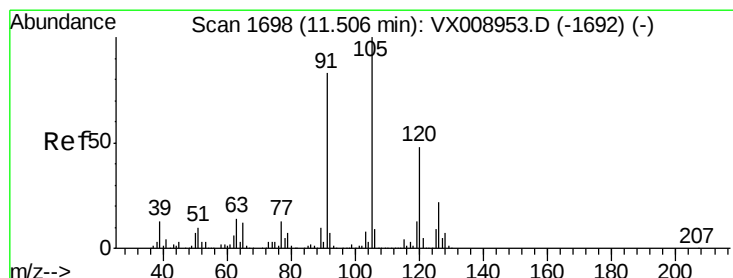
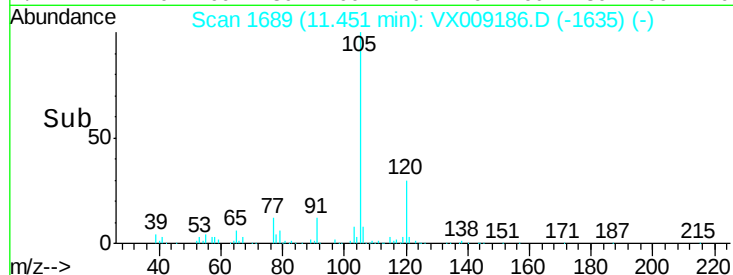
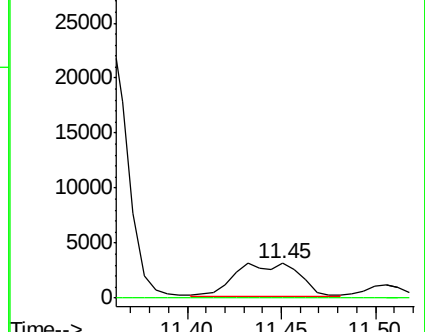
91 100

126 1.5 16.3 48.9#



Abundance Ion 91.00 (90.70 to 91.70): VX008953.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX008953.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 1.511 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009186.D

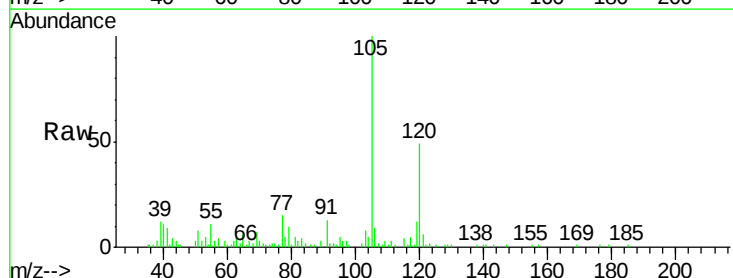
Acq: 26 Apr 2019 13:49

Tgt Ion: 105 Resp: 11944

Ion Ratio Lower Upper

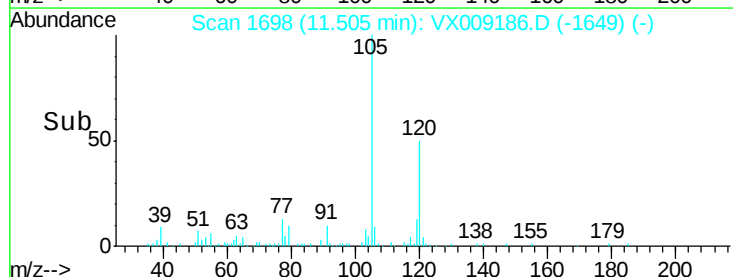
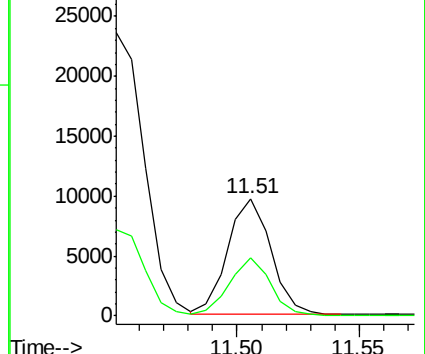
105 100

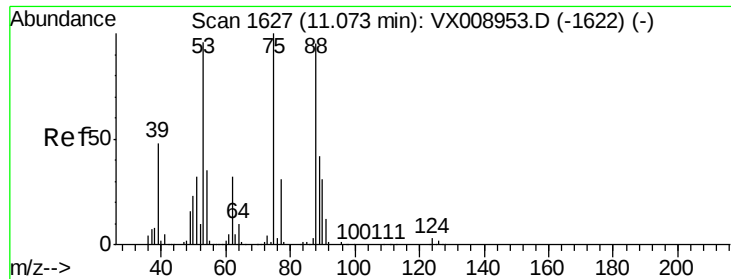
120 46.6 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): VX008953.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX008953.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 60.839 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX009186.D

Acq: 26 Apr 2019 13:49

Instrument :

MSVOA_X

ClientSampleId :

S81-0104

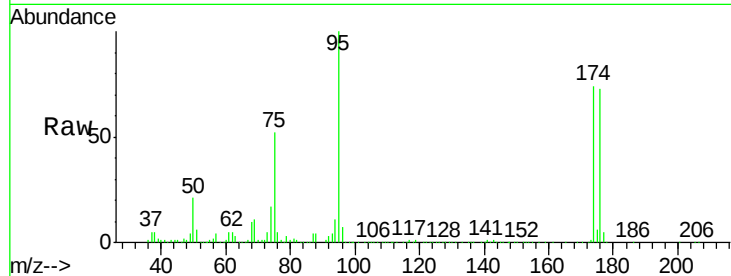
Tot Ion: 75 Resp: 71908

Ion Ratio Lower Upper

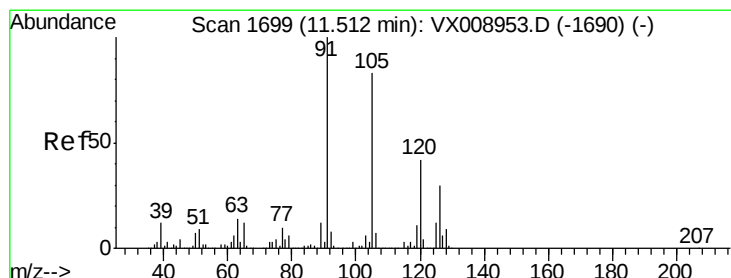
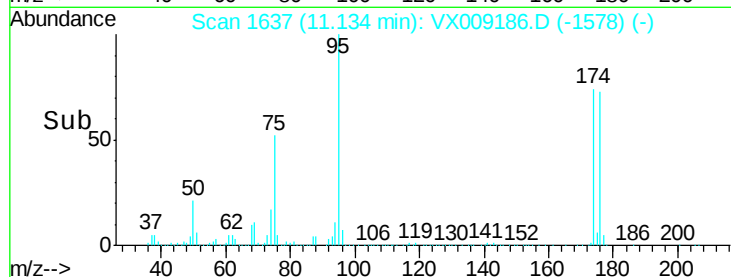
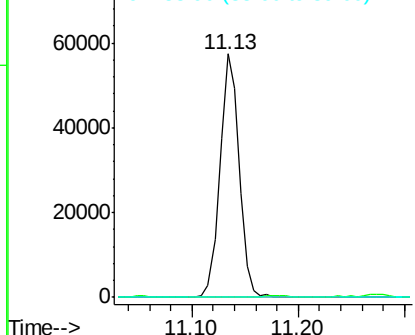
75 100

53 0.1 78.2 117.4#

89 0.0 36.0 54.0#



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



#82

4-Chlorotoluene

Concen: 0.201 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX009186.D

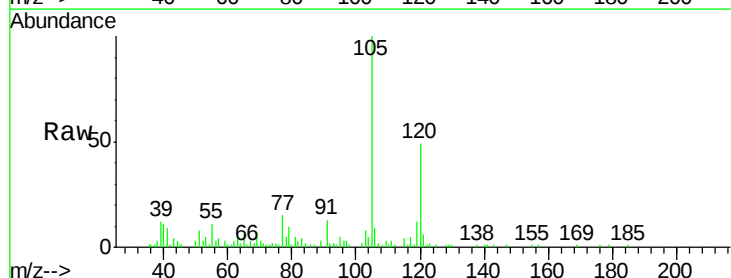
Acq: 26 Apr 2019 13:49

Tgt Ion: 91 Resp: 1518

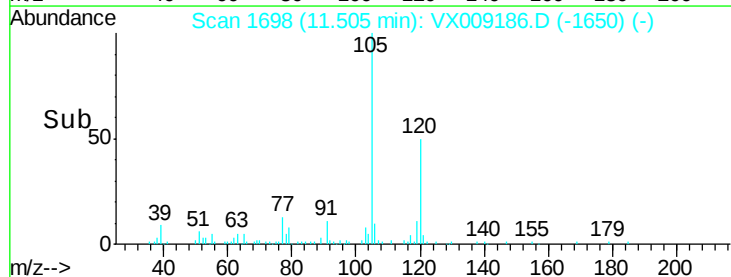
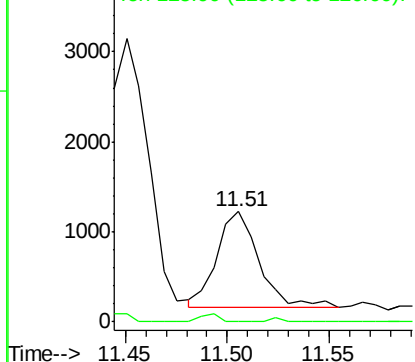
Ion Ratio Lower Upper

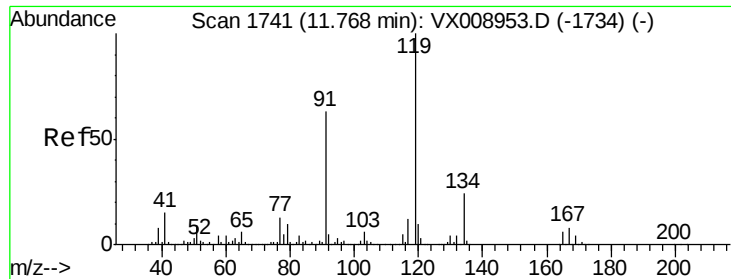
91 100

126 3.5 14.3 42.9#



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

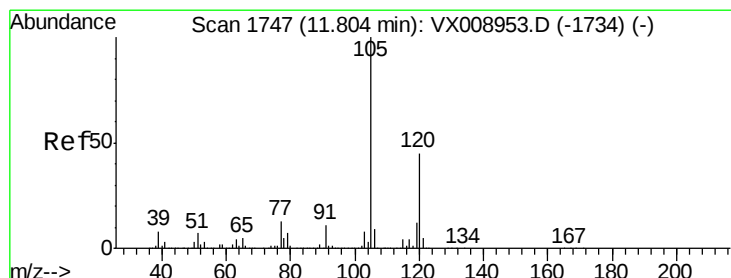
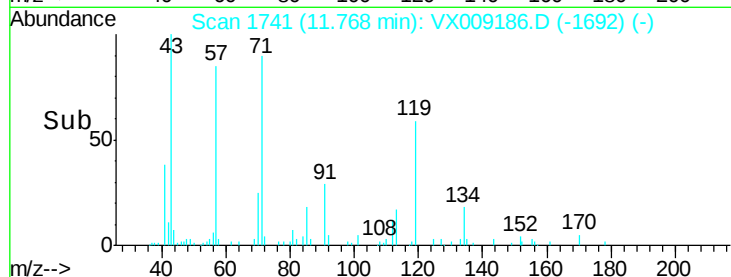
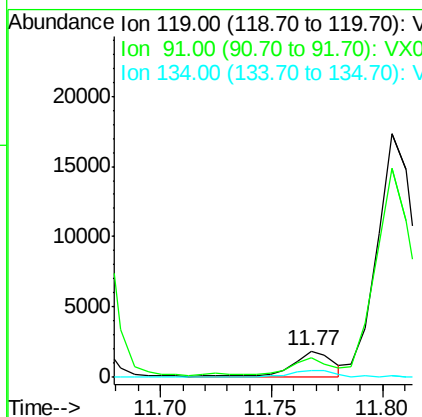
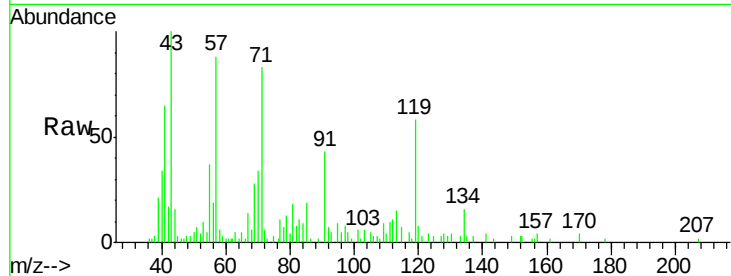




#83
tert-Butylbenzene
Concen: 0.285 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX009186.D
Acq: 26 Apr 2019 13:49

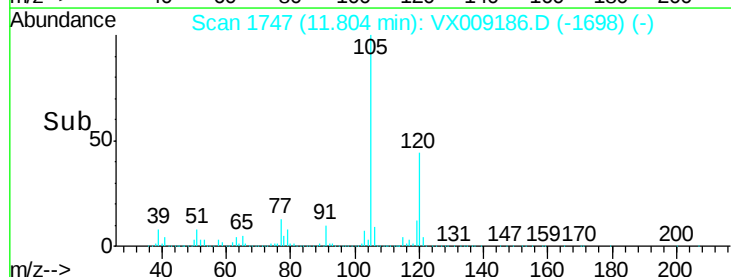
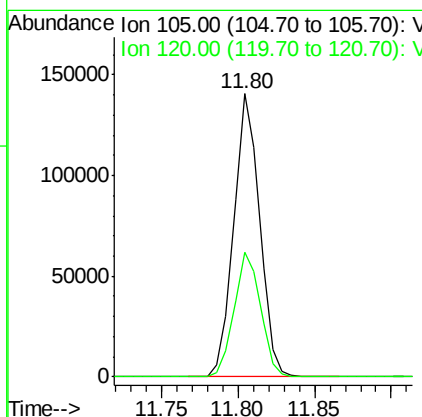
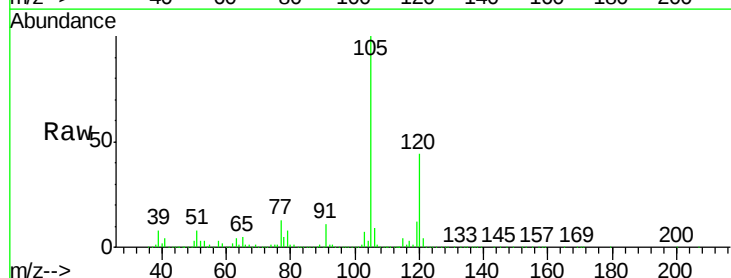
Instrument :
MSVOA_X
ClientSampleId :
S81-0104

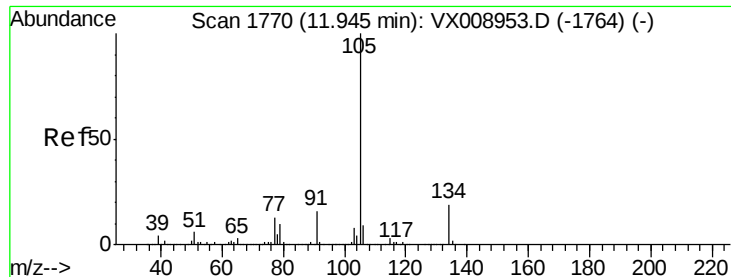
Tot Ion:119 Resp: 2163
Ion Ratio Lower Upper
119 100
91 60.9 29.7 89.1
134 33.6 11.2 33.5#



#84
1,2,4-Trimethylbenzene
Concen: 20.386 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX009186.D
Acq: 26 Apr 2019 13:49

Tgt Ion:105 Resp: 164028
Ion Ratio Lower Upper
105 100
120 45.4 21.9 65.8

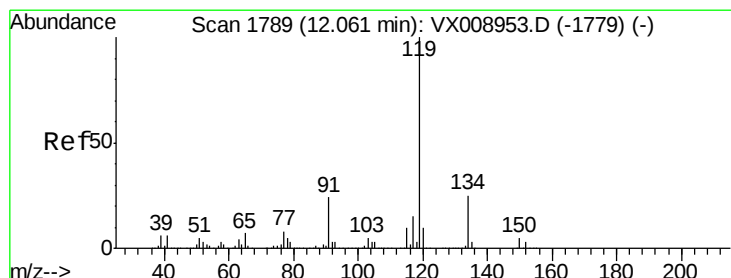
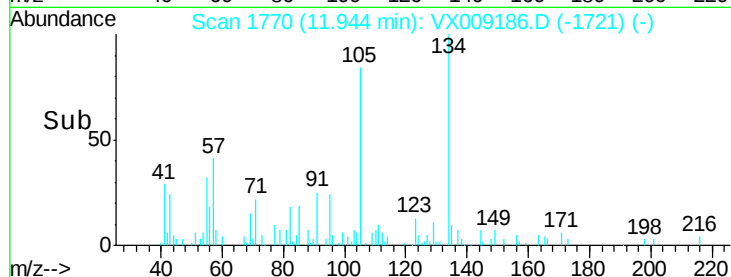
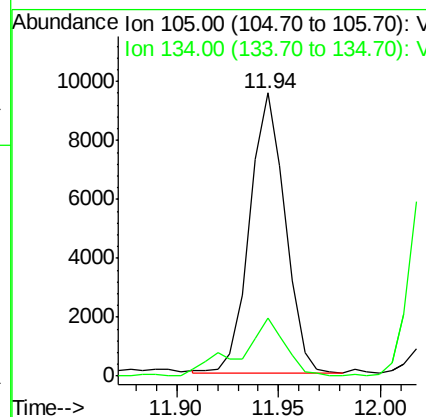
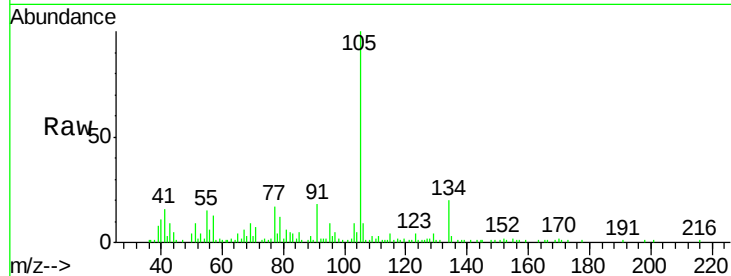




#85
 sec-Butylbenzene
 Concen: 1.269 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX009186.D
 Acq: 26 Apr 2019 13:49

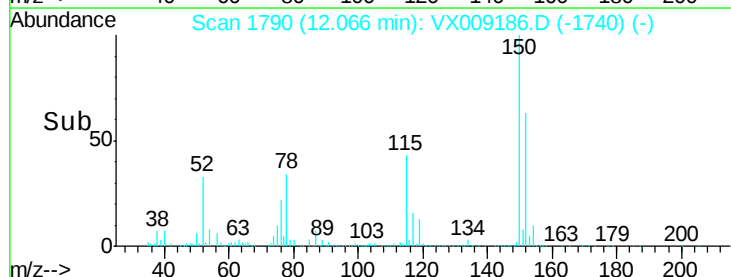
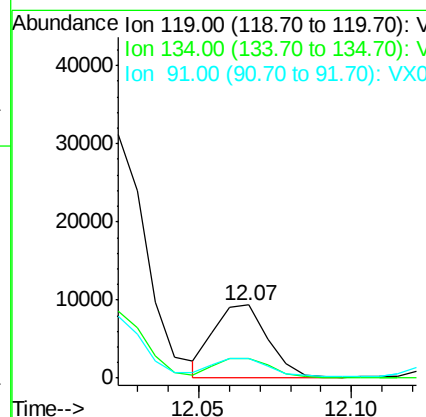
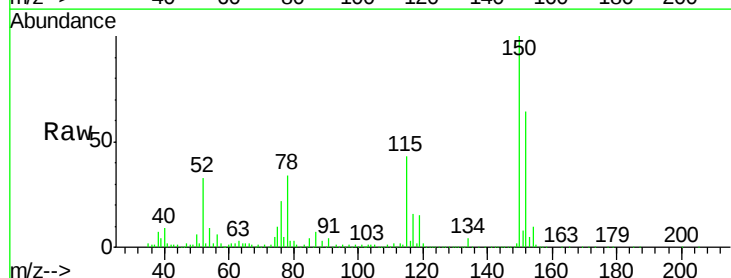
Instrument :
 MSVOA_X
 ClientSampled :
 S81-0104

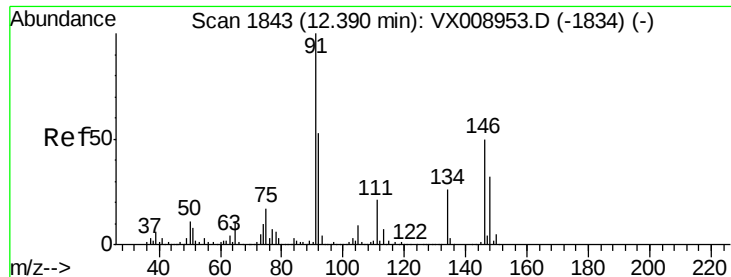
Tot Ion:105 Resp: 11490
 Ion Ratio Lower Upper
 105 100
 134 26.3 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 1.356 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.01 min
 Lab File: VX009186.D
 Acq: 26 Apr 2019 13:49

Tgt Ion:119 Resp: 11283
 Ion Ratio Lower Upper
 119 100
 134 29.8 12.9 38.6
 91 28.0 11.9 35.5





#89

n-Butylbenzene

Concen: 1.192 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.01 min

Lab File: VX009186.D

Acq: 26 Apr 2019 13:49

Instrument :

MSVOA_X

ClientSampleId :

S81-0104

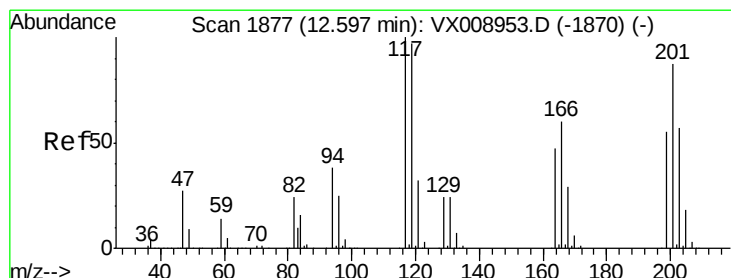
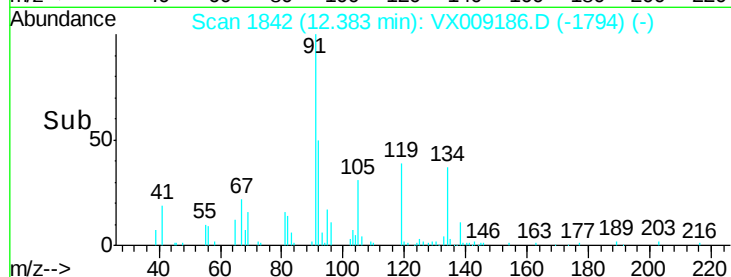
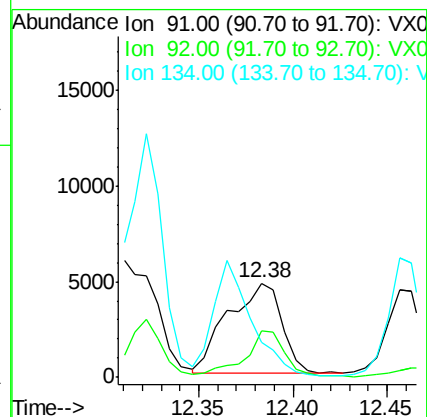
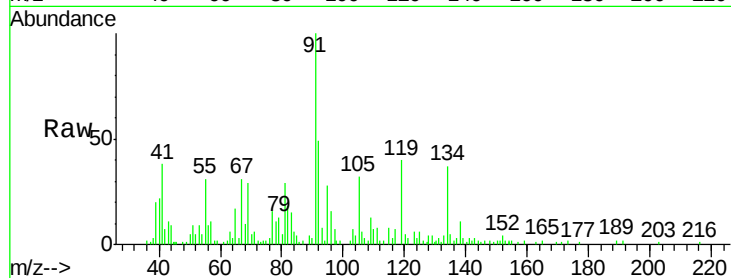
Tot Ion: 91 Resp: 9235

Ion Ratio Lower Upper

91 100

92 40.2 26.6 79.8

134 91.9 12.4 37.2#



#90

Hexachloroethane

Concen: 2.132 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX009186.D

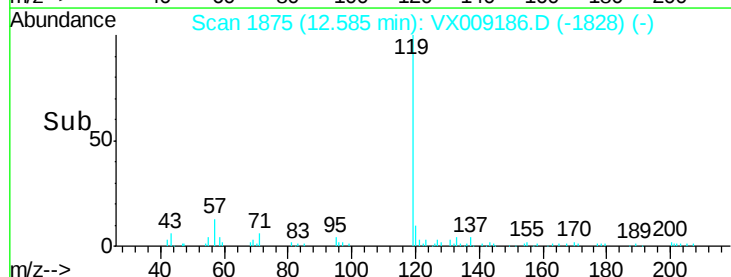
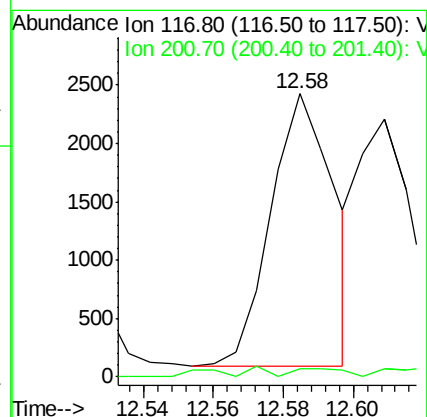
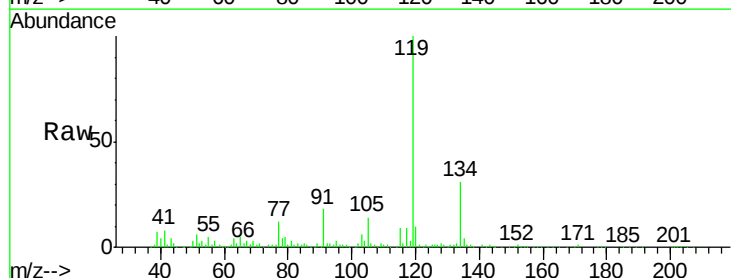
Acq: 26 Apr 2019 13:49

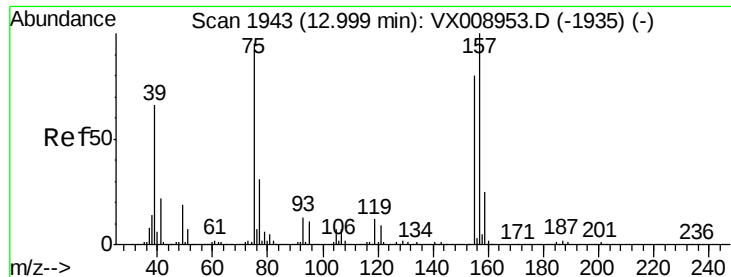
Tgt Ion: 117 Resp: 2927

Ion Ratio Lower Upper

117 100

201 2.5 43.0 129.0#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.532 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX009186.D

Acq: 26 Apr 2019 13:49

Instrument :

MSVOA_X

ClientSampleId :

S81-0104

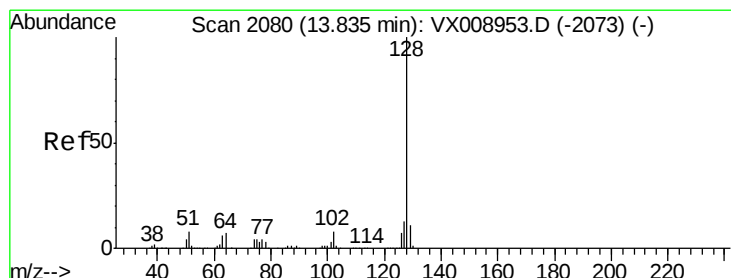
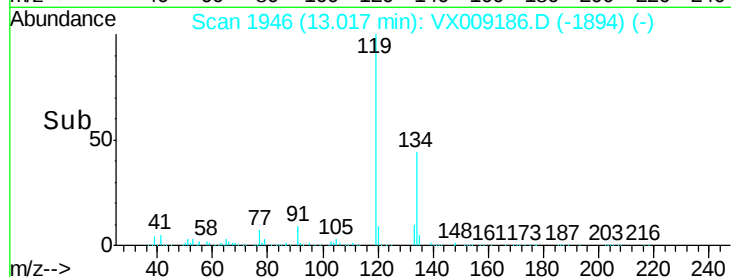
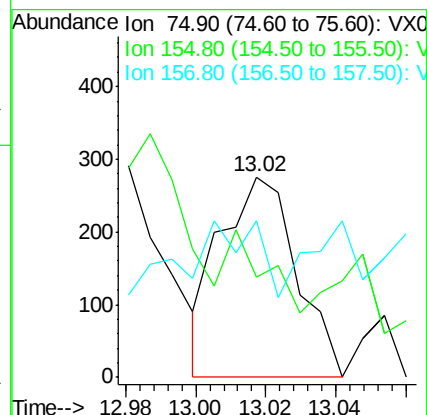
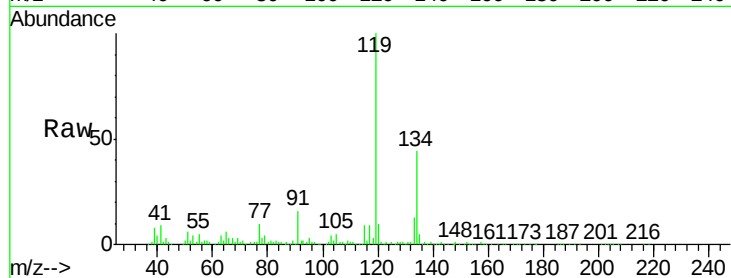
Tot Ion: 75 Resp: 417

Ion Ratio Lower Upper

75 100

155 0.0 41.2 123.6#

157 34.8 52.5 157.6#



#95

Naphthalene

Concen: 4.541 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX009186.D

Acq: 26 Apr 2019 13:49

Tgt Ion: 128 Resp: 43139

Ion Ratio Lower Upper

128 100

127 15.6 10.6 16.0

129 15.3 8.6 13.0#

