

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010719\
 Data File : VX006943.D
 Acq On : 07 Jan 2019 18:34
 Operator : JC/MD
 Sample : K1064-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 08 06:36:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	626333	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	972122	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	917338	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	453054	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	330500	48.96	ug/l	0.00
Spiked Amount						
			Recovery	=	97.92%	
35) Dibromofluoromethane	5.50	113	295799	48.12	ug/l	0.00
Spiked Amount						
			Recovery	=	96.24%	
50) Toluene-d8	8.71	98	1165395	50.28	ug/l	0.00
Spiked Amount						
			Recovery	=	100.56%	
62) 4-Bromofluorobenzene	11.13	95	412801	48.63	ug/l	0.00
Spiked Amount						
			Recovery	=	97.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	952	Below Cal	#	51
8) Diethyl Ether	2.19	74	907	0.227	ug/l	65
11) Tert butyl alcohol	3.08	59	3179	2.110	ug/l	95
13) Acrolein	2.30	56	677	0.666	ug/l	93
16) Acetone	2.45	43	48899	15.767	ug/l	99
17) Carbon Disulfide	2.56	76	3992	0.270	ug/l #	55
18) Methyl Acetate	2.78	43	26651	2.922	ug/l	95
20) Methylene Chloride	2.85	84	31513	4.914	ug/l	94
25) 2-Butanone	4.70	43	13411	3.074	ug/l	90
28) Bromochloromethane	5.03	49	294	Below Cal	#	25
29) Tetrahydrofuran	5.16	42	11557	4.022	ug/l	93
36) 1,1-Dichloropropene	5.66	75	40881	5.077	ug/l #	49
38) Carbon Tetrachloride	5.67	117	57189	7.309	ug/l #	16
40) Benzene	6.14	78	21362	0.873	ug/l #	90
43) Isopropyl Acetate	6.46	43	27685	2.171	ug/l	99
48) Methyl methacrylate	7.68	41	15639	2.412	ug/l #	20
49) 1,4-Dioxane	7.77	88	252	Below Cal	#	27
51) 4-Methyl-2-Pentanone	8.62	43	143305	17.664	ug/l #	51
52) Toluene	8.79	92	35670	2.256	ug/l	97
54) cis-1,3-Dichloropropene	8.62	75	69520	8.123	ug/l #	61
57) 1,3-Dichloropropane	9.54	76	15947	1.532	ug/l #	45
59) 2-Hexanone	9.54	43	203143	32.727	ug/l #	53
60) Dibromochloromethane	9.58	129	186	2.350	ug/l	82
67) Ethyl Benzene	10.25	91	11564	0.365	ug/l	97
68) m/p-Xylenes	10.36	106	21908	1.751	ug/l	97
69) o-Xylene	10.70	106	31058	2.513	ug/l	98
70) Styrene	10.71	104	4213	0.216	ug/l #	1
74) N-amyl acetate	10.94	43	3035	0.274	ug/l #	42
76) 1,2,3-Trichloropropane	11.13	75	194968	23.156	ug/l #	40
78) n-propylbenzene	11.36	91	10011	0.293	ug/l	94
79) 2-Chlorotoluene	11.44	91	11633	0.562	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.51	105	73009	2.860	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.13	75	194968	68.738	ug/l #	10
82) 4-Chlorotoluene	11.51	91	7670	0.323	ug/l #	44

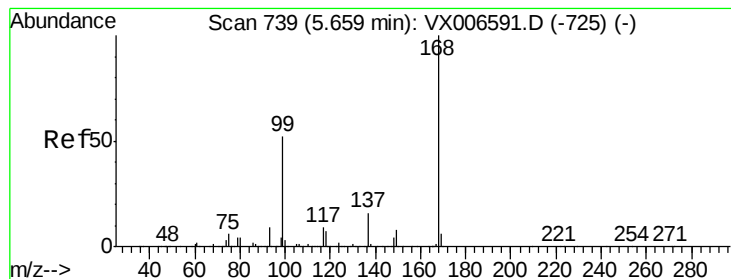
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010719\
Data File : VX006943.D
Acq On : 07 Jan 2019 18:34
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Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	11.80	105	95862	3.570	ug/l	97
86) p-Isopropyltoluene	12.07	119	13194	0.479	ug/l	90
89) n-Butylbenzene	12.37	91	24077	1.027	ug/l #	1
90) Hexachloroethane	12.58	117	3801	4.117	ug/l #	6
92) 1,2-Dibromo-3-Chloropropan	13.02	75	880	0.461	ug/l #	1
95) Naphthalene	13.83	128	123235	3.705	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006943.D

Acq: 07 Jan 2019 18:34

Instrument :

MSVOA_X

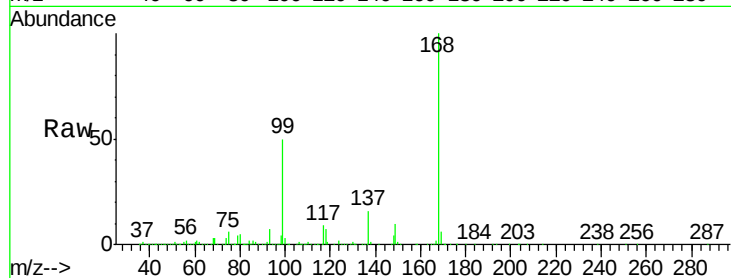
ClientSampleId :

Tot Ion:168 Resp: 626333

Ion Ratio Lower Upper

168 100

99 50.1 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

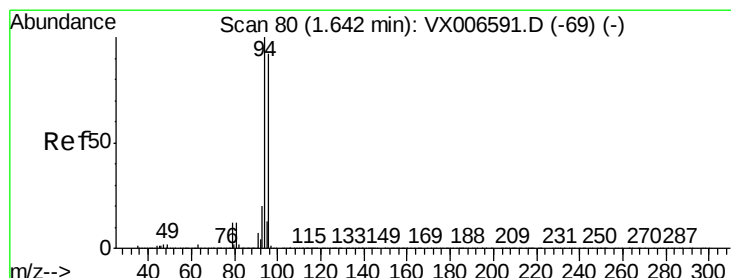
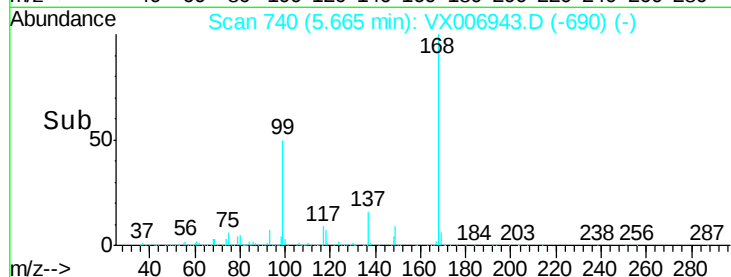
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 82

Delta R.T. 0.01 min

Lab File: VX006943.D

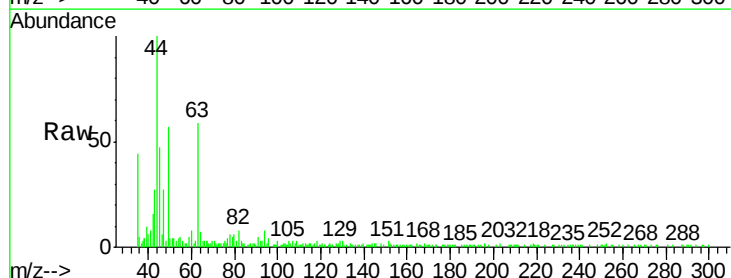
Acq: 07 Jan 2019 18:34

Tgt Ion: 94 Resp: 952

Ion Ratio Lower Upper

94 100

96 44.8 73.4 110.2#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

800

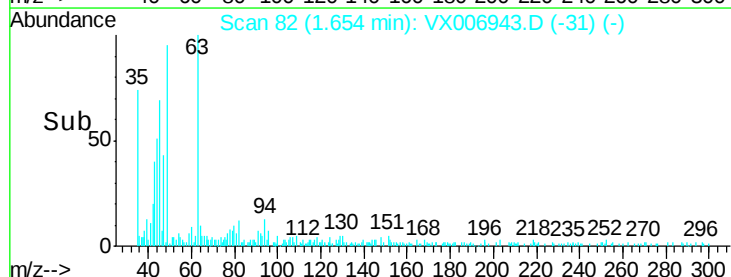
600

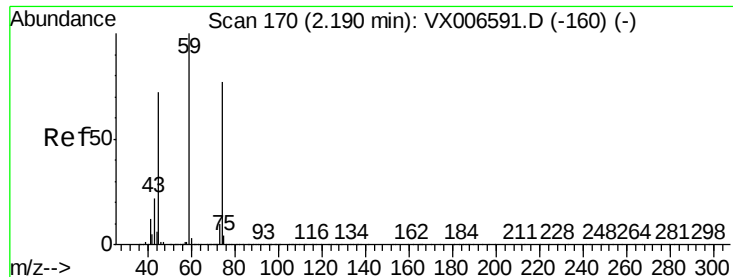
400

200

0

Time--> 1.60 1.62 1.64 1.66 1.68





#8

Diethyl Ether

Concen: 0.227 ug/l

RT: 2.19 min Scan# 170

Delta R.T. -0.00 min

Lab File: VX006943.D

Acq: 07 Jan 2019 18:34

Instrument :

MSVOA_X

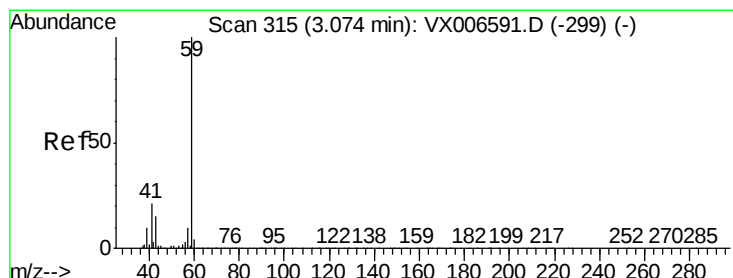
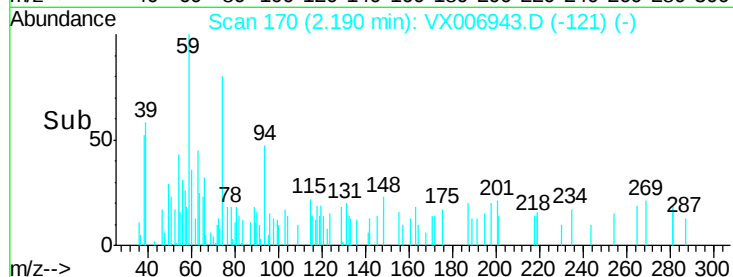
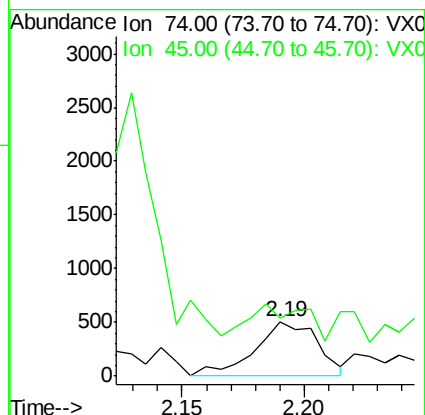
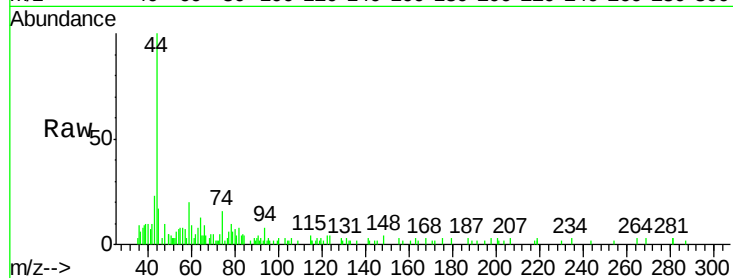
ClientSampleId :

Tot Ion: 74 Resp: 907

Ion Ratio Lower Upper

74 100

45 59.5 46.3 138.9



#11

Tert butyl alcohol

Concen: 2.110 ug/l

RT: 3.08 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX006943.D

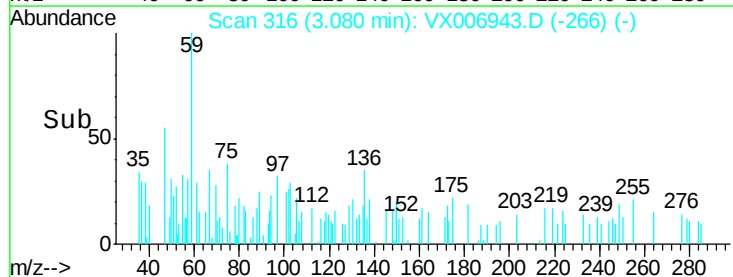
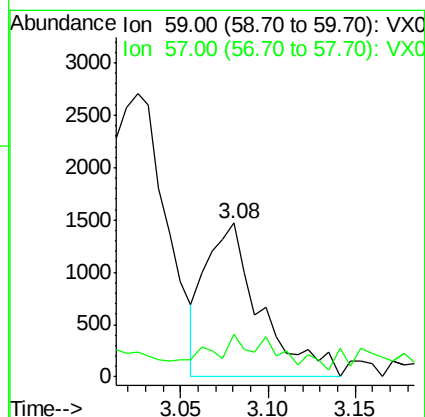
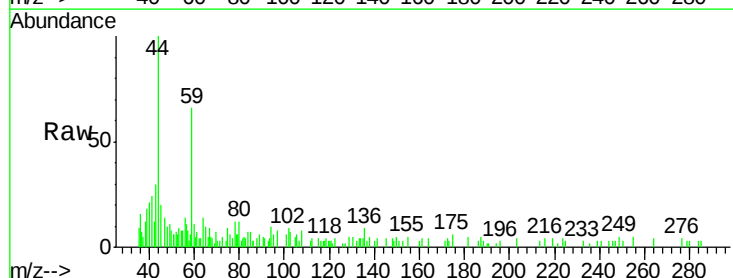
Acq: 07 Jan 2019 18:34

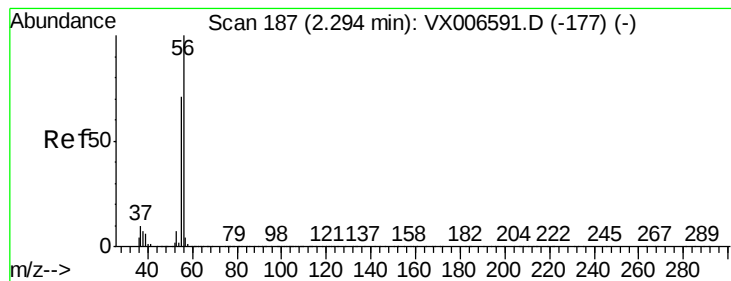
Tgt Ion: 59 Resp: 3179

Ion Ratio Lower Upper

59 100

57 8.7 8.5 12.7





#13

Acrolein

Concen: 0.666 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX006943.D

Acq: 07 Jan 2019 18:34

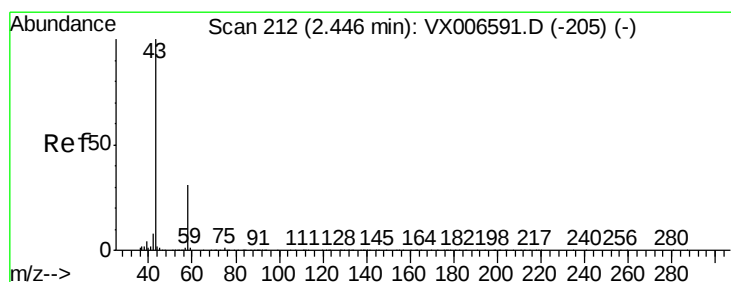
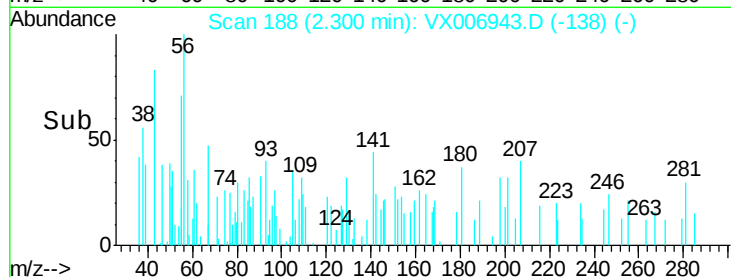
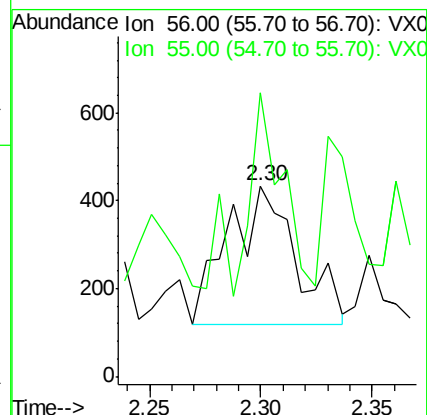
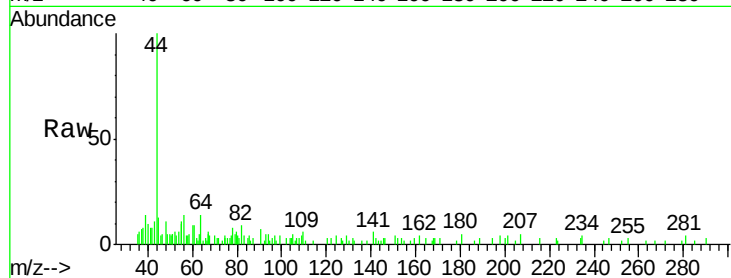
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 677

Ion Ratio Lower Upper

56 100

55 78.4 58.2 87.4



#16

Acetone

Concen: 15.767 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006943.D

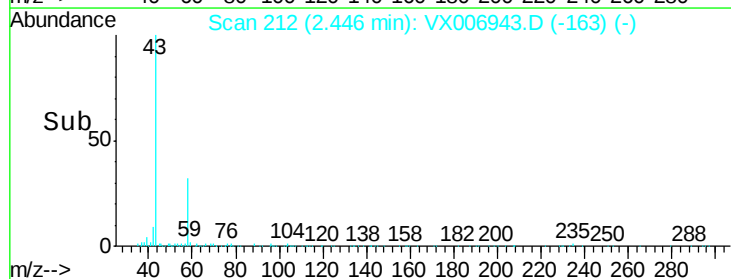
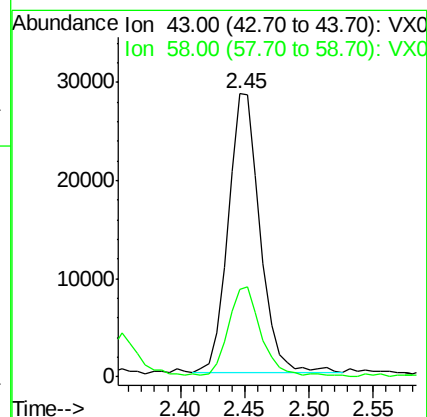
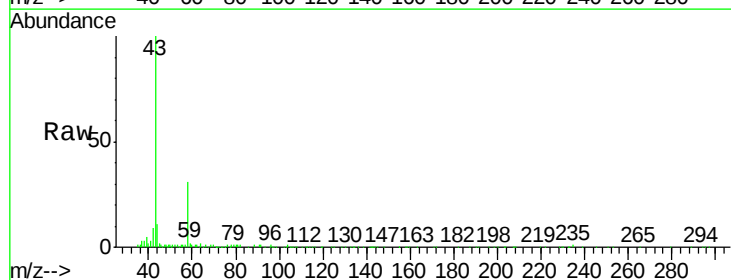
Acq: 07 Jan 2019 18:34

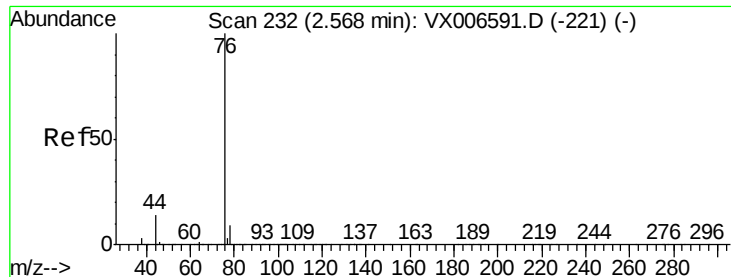
Tgt Ion: 43 Resp: 48899

Ion Ratio Lower Upper

43 100

58 30.8 25.0 37.6





#17

Carbon Disulfide

Concen: 0.270 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX006943.D

Acq: 07 Jan 2019 18:34

Instrument :

MSVOA_X

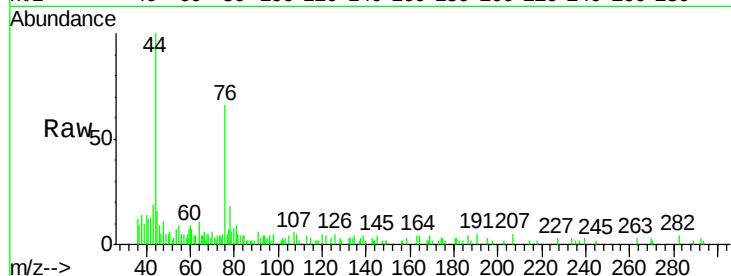
ClientSampleId :

Tot Ion: 76 Resp: 3992

Ion Ratio Lower Upper

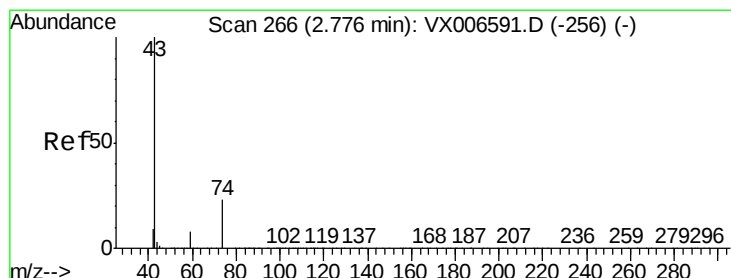
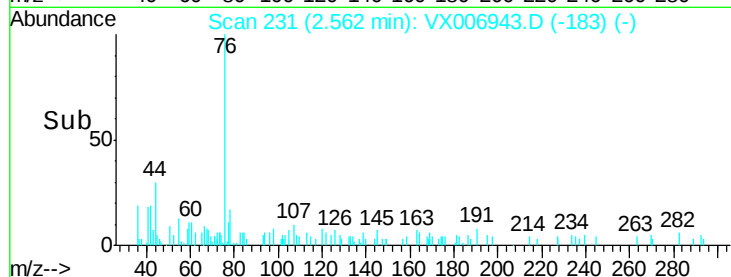
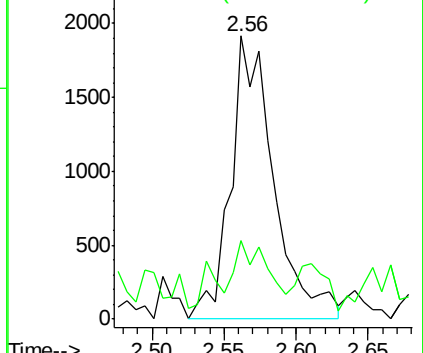
76 100

78 25.0 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 2.922 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX006943.D

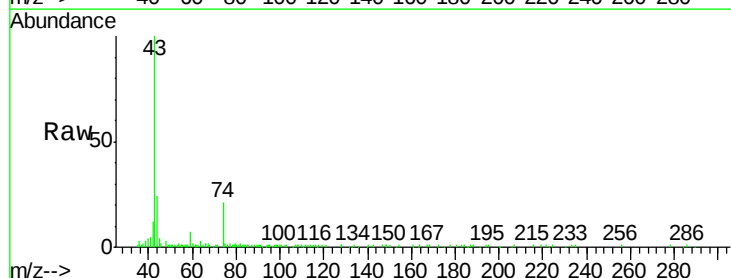
Acq: 07 Jan 2019 18:34

Tgt Ion: 43 Resp: 26651

Ion Ratio Lower Upper

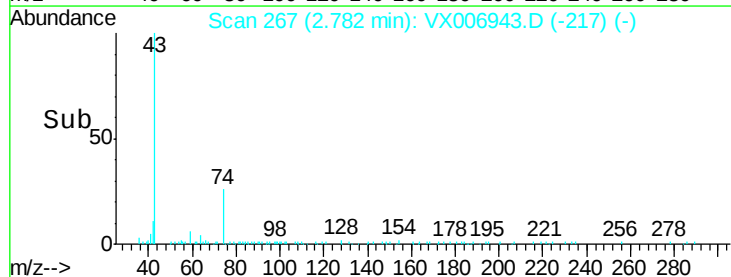
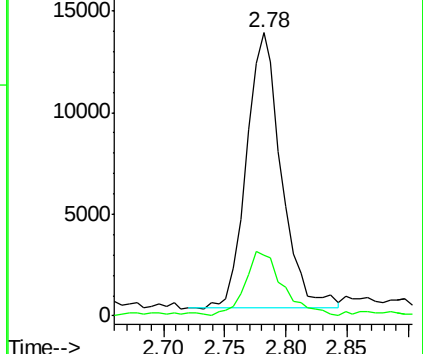
43 100

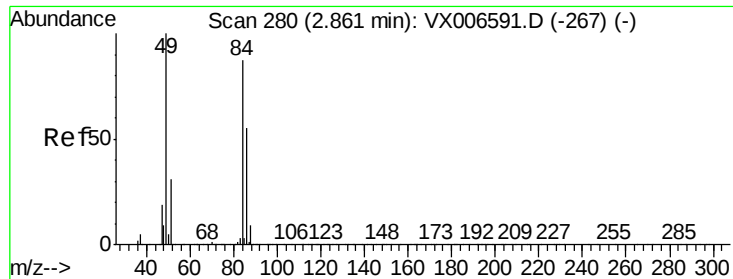
74 25.6 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

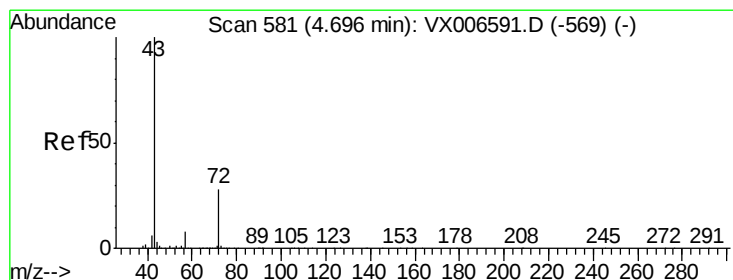
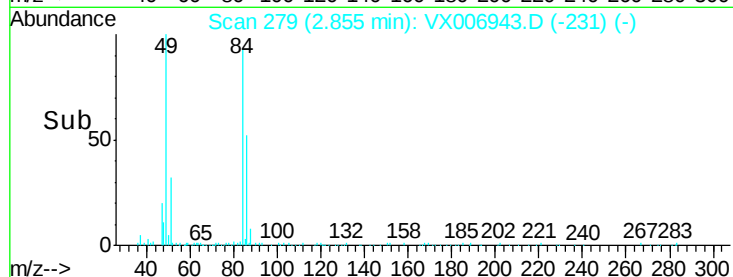
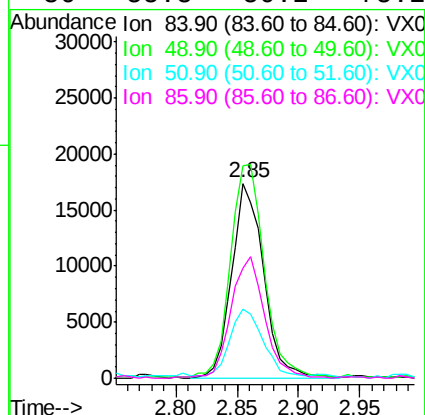
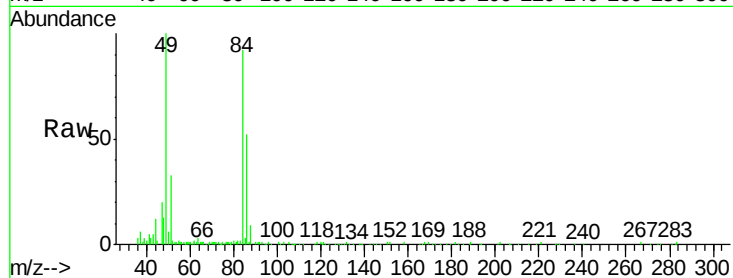




#20
Methvlene Chloride
Concen: 4.914 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX006943.D
Acq: 07 Jan 2019 18:34

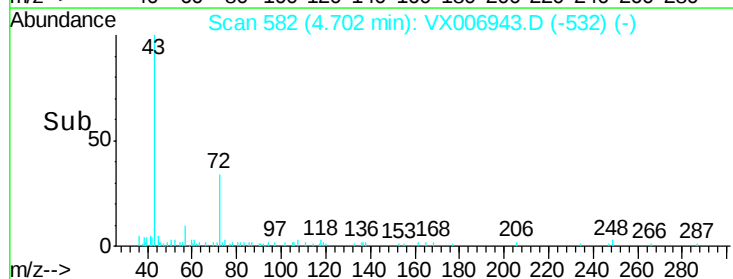
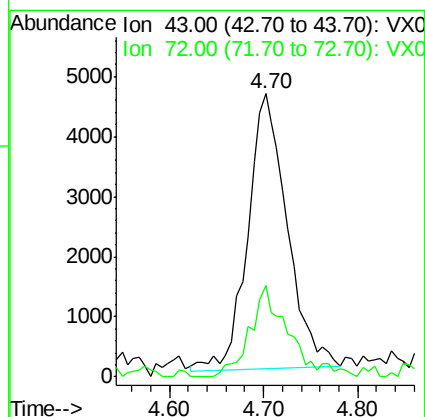
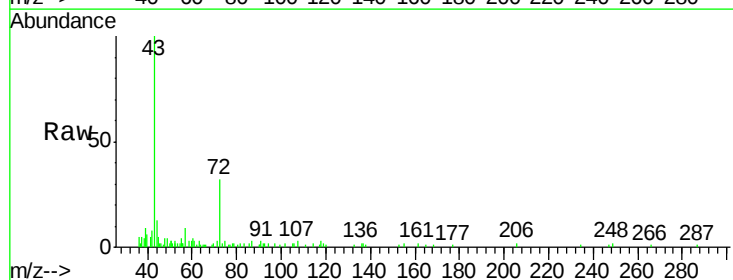
Instrument :
MSVOA_X
ClientSampleId :

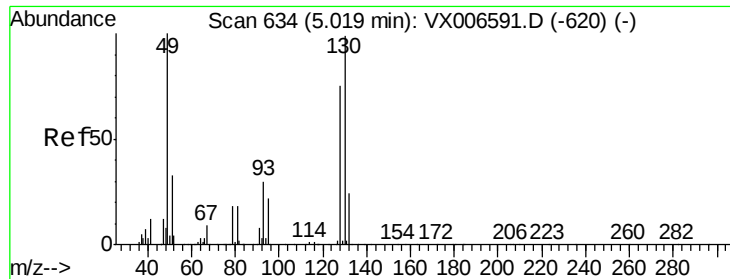
Tot Ion: 84 Resp: 31513
Ion Ratio Lower Upper
84 100
49 108.5 91.8 137.6
51 34.6 28.5 42.7
86 55.8 50.2 75.2



#25
2-Butanone
Concen: 3.074 ug/l
RT: 4.70 min Scan# 582
Delta R.T. 0.01 min
Lab File: VX006943.D
Acq: 07 Jan 2019 18:34

Tgt Ion: 43 Resp: 13411
Ion Ratio Lower Upper
43 100
72 33.4 22.4 33.6





#28

Bromochloromethane

Concen: Below Cal

RT: 5.03 min Scan# 636

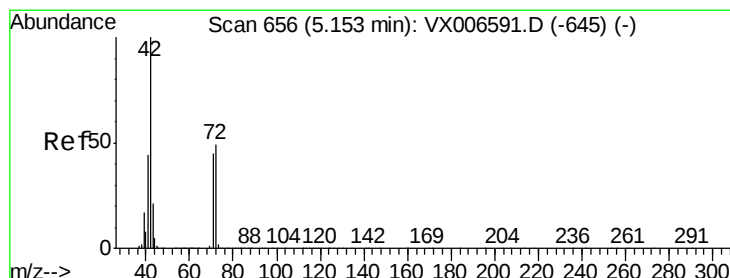
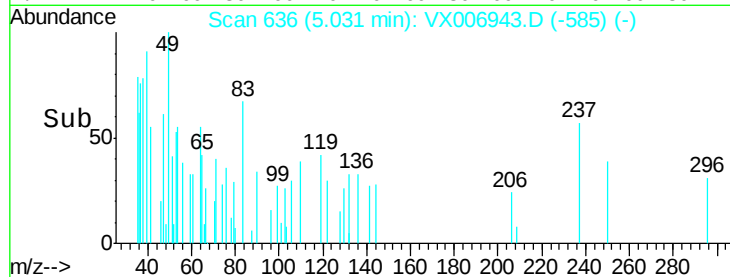
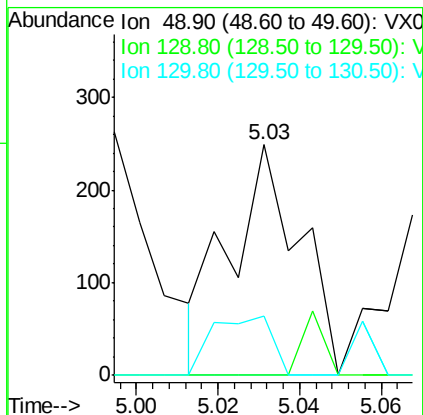
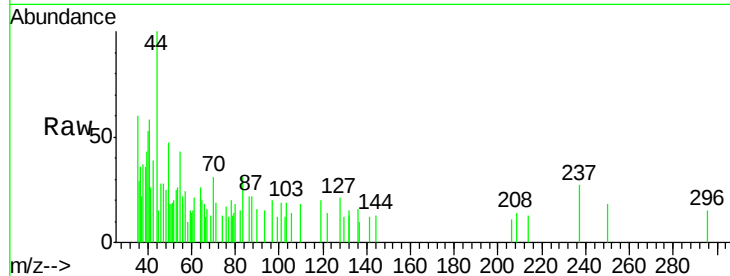
Delta R.T. 0.01 min

Lab File: VX006943.D

Acq: 07 Jan 2019 18:34

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 49 Resp: 294
Ion Ratio Lower Upper
49 100
129 8.5 0.0 5.4#
130 22.1 77.7 116.5#



#29

Tetrahydrofuran

Concen: 4.022 ug/l

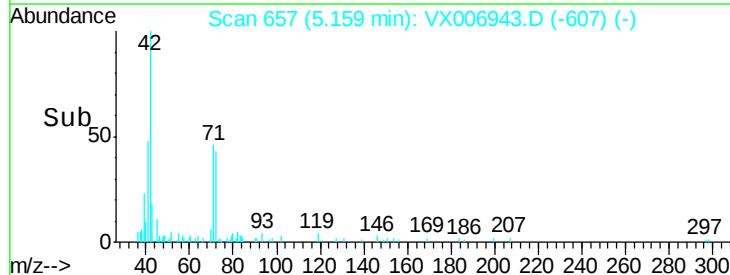
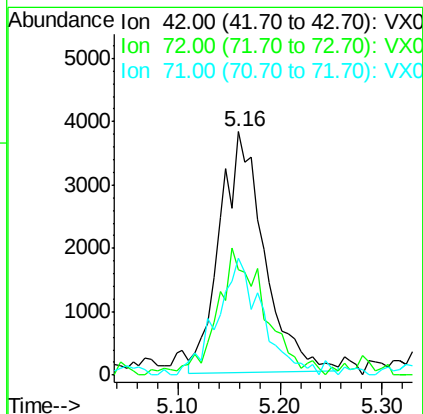
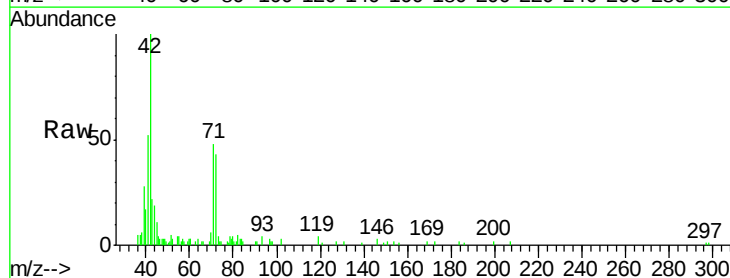
RT: 5.16 min Scan# 657

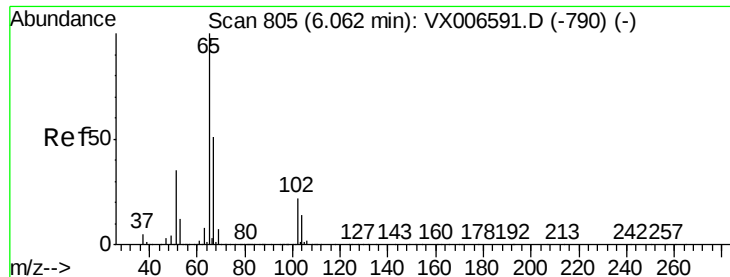
Delta R.T. 0.01 min

Lab File: VX006943.D

Acq: 07 Jan 2019 18:34

Tgt Ion: 42 Resp: 11557
Ion Ratio Lower Upper
42 100
72 54.5 38.9 58.3
71 48.8 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 48.960 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006943.D

Acq: 07 Jan 2019 18:34

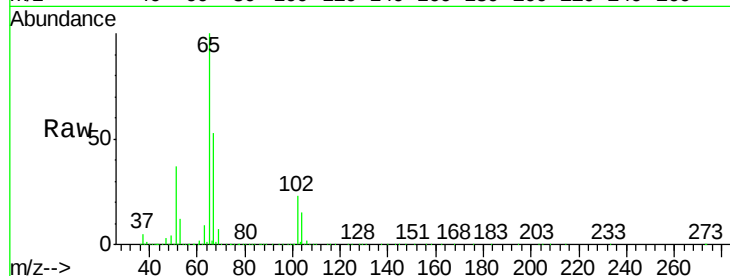
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 65 Resp: 330500

Ion Ratio Lower Upper

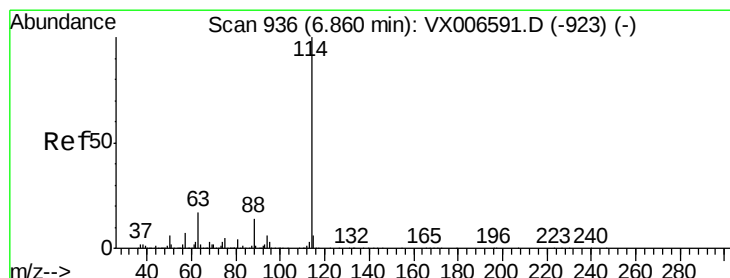
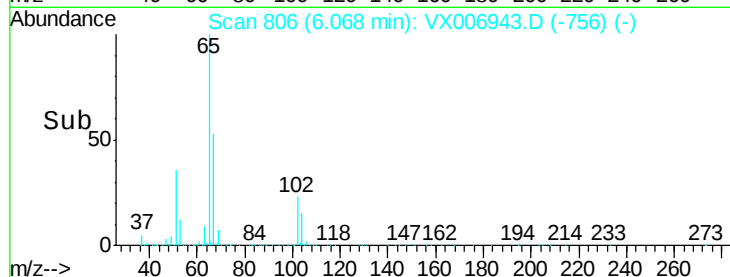
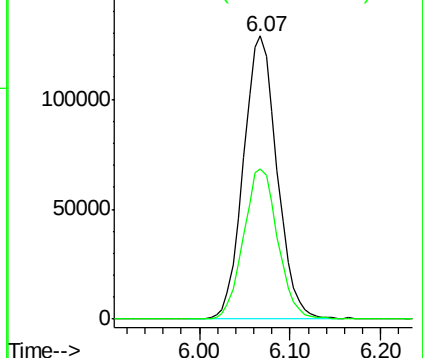
65 100

67 54.3 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006943.D

Acq: 07 Jan 2019 18:34

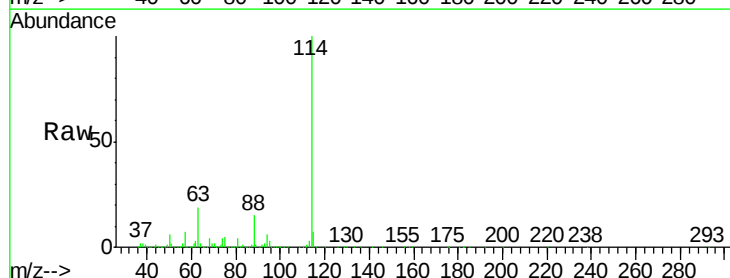
Tgt Ion: 114 Resp: 972122

Ion Ratio Lower Upper

114 100

63 18.6 0.0 34.8

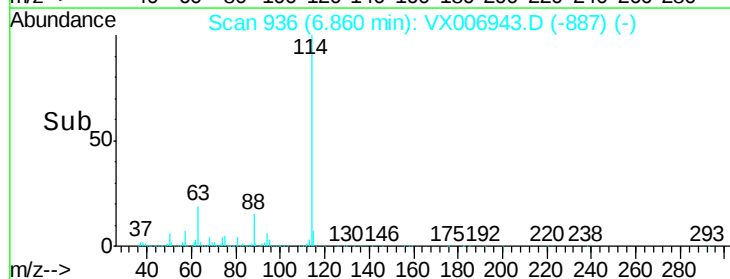
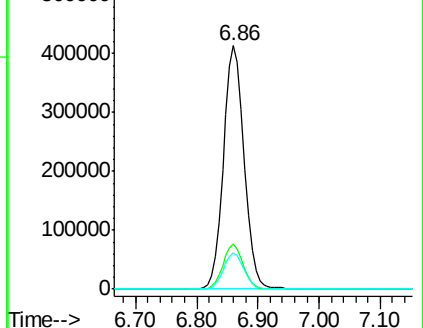
88 15.0 0.0 28.8

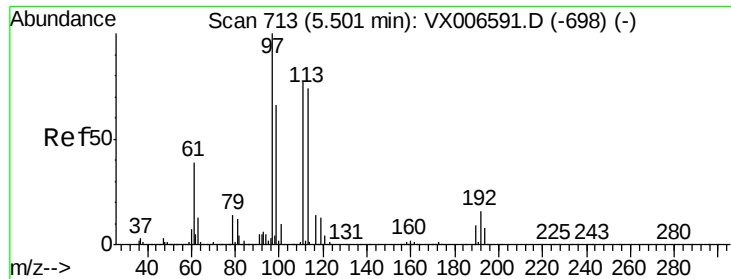


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.117 ug/l

RT: 5.50 min Scan# 713

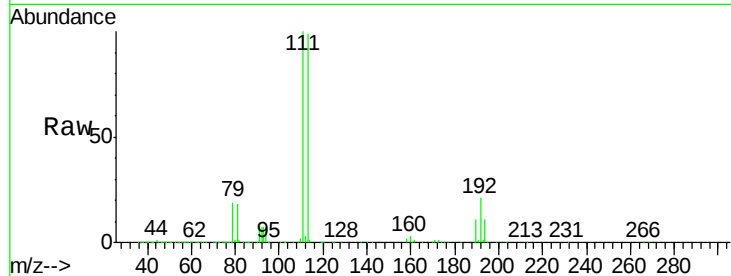
Delta R.T. -0.00 min

Lab File: VX006943.D

Acq: 07 Jan 2019 18:34

Instrument :
MSVOA_X
ClientSampled :

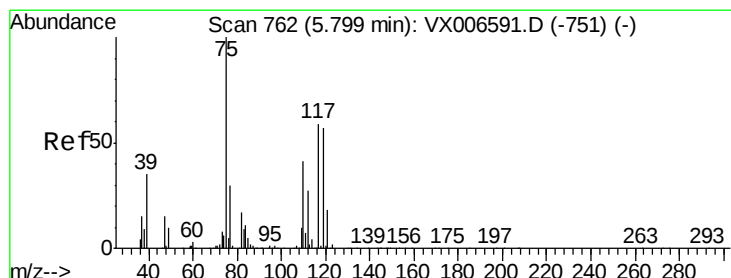
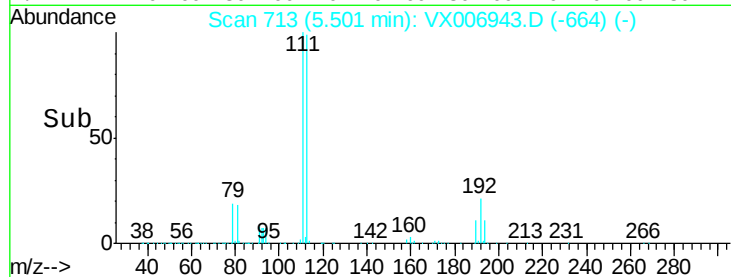
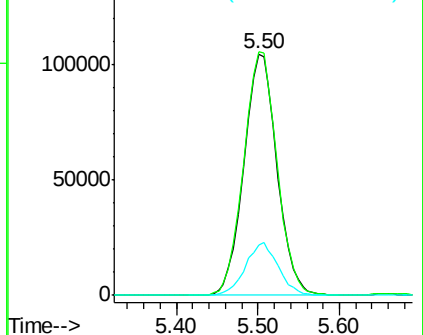
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.6	122.4
192	21.7	16.7	25.1



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: 5.077 ug/l

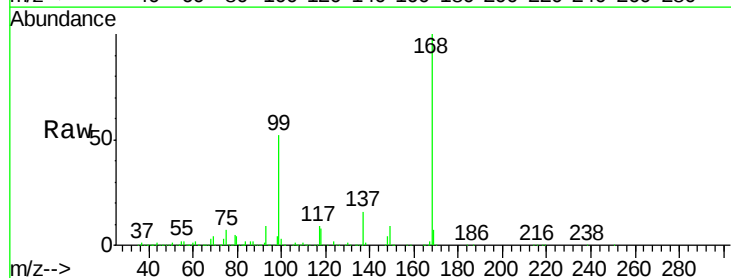
RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX006943.D

Acq: 07 Jan 2019 18:34

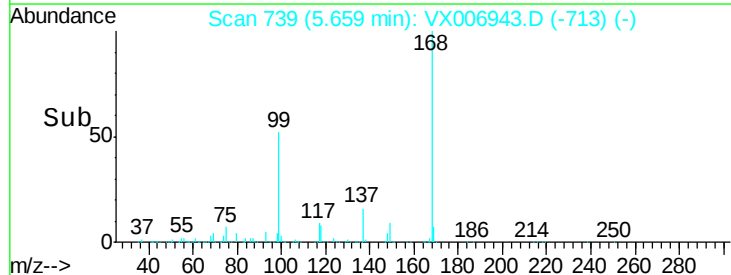
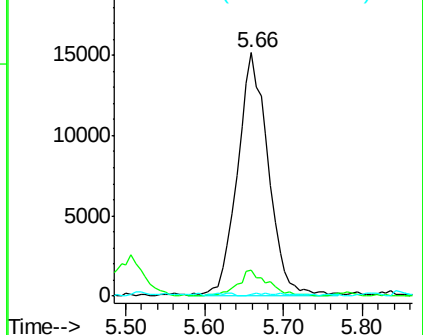
Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.7	20.2	60.5#
77	0.3	24.8	37.2#

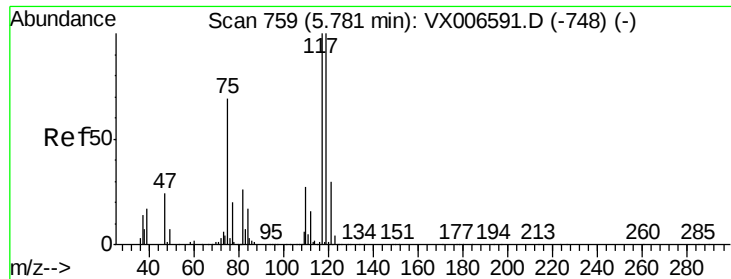


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 7.309 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX006943.D

Acq: 07 Jan 2019 18:34

Instrument :

MSVOA_X

ClientSampleId :

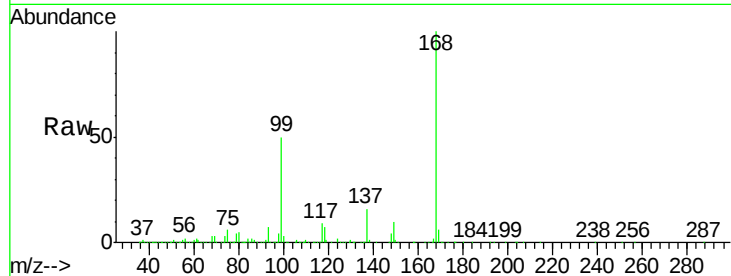
Tot Ion:117 Resp: 57189

Ion Ratio Lower Upper

117 100

119 6.4 79.4 119.2#

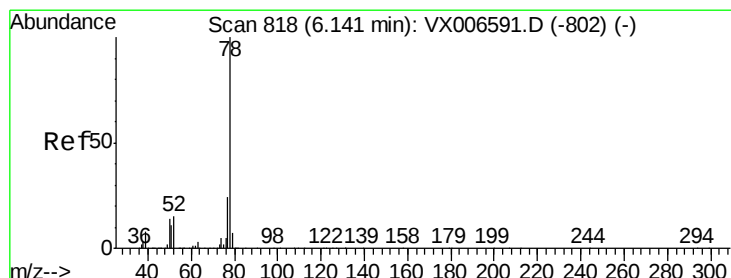
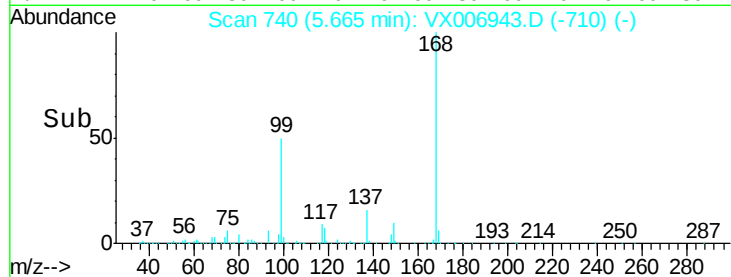
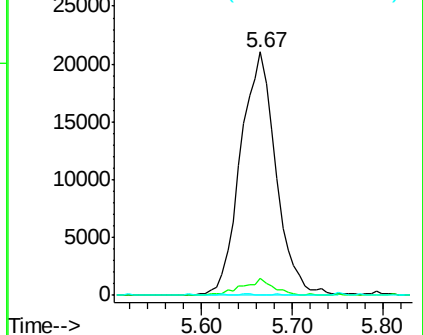
121 0.0 24.0 36.0#



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



#40

Benzene

Concen: 0.873 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX006943.D

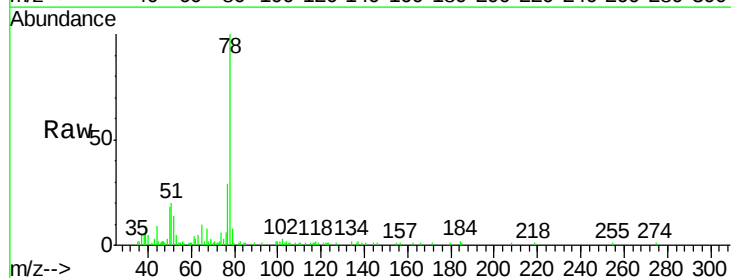
Acq: 07 Jan 2019 18:34

Tgt Ion: 78 Resp: 21362

Ion Ratio Lower Upper

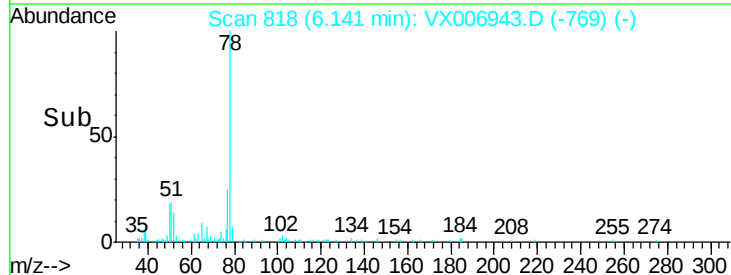
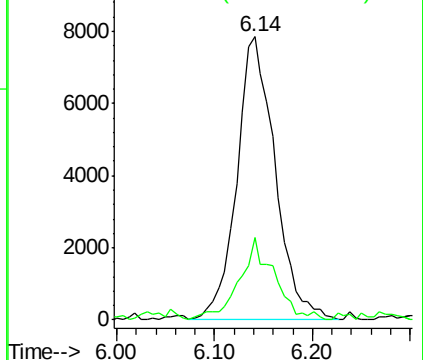
78 100

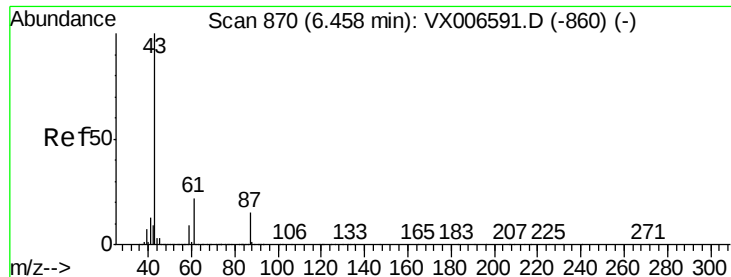
77 29.0 19.2 28.8#



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



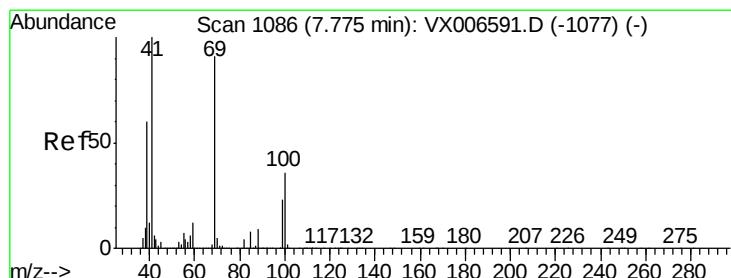
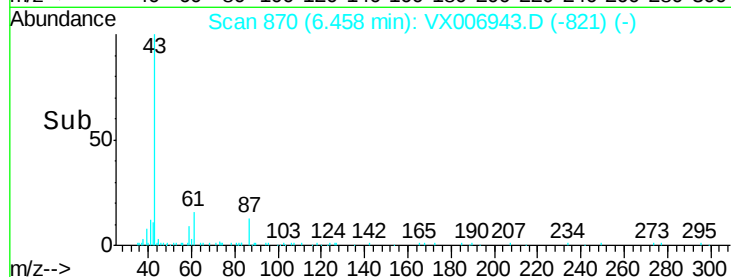
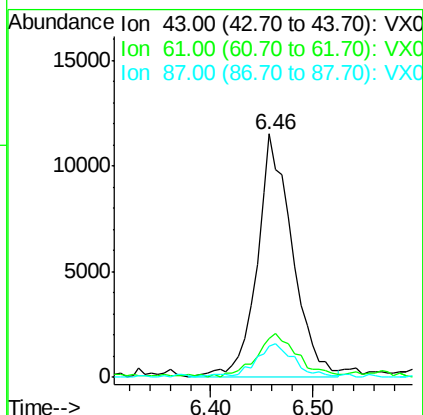
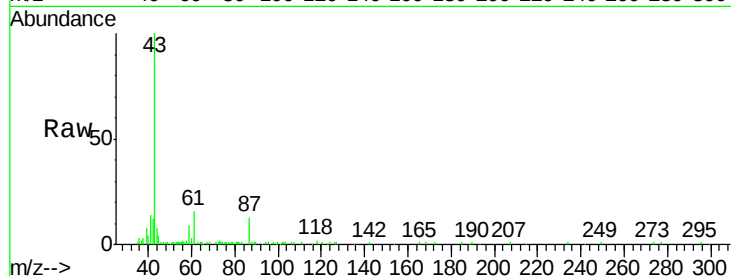


#43

Isopropyl Acetate
 Concen: 2.171 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: VX006943.D
 Acq: 07 Jan 2019 18:34

Instrument :
 MSVOA_X
 ClientSampleId :

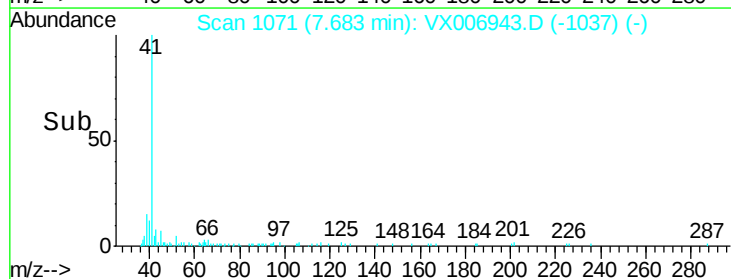
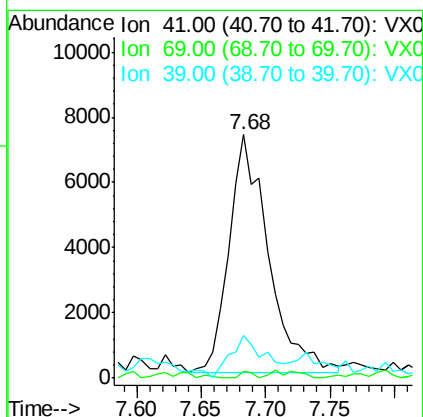
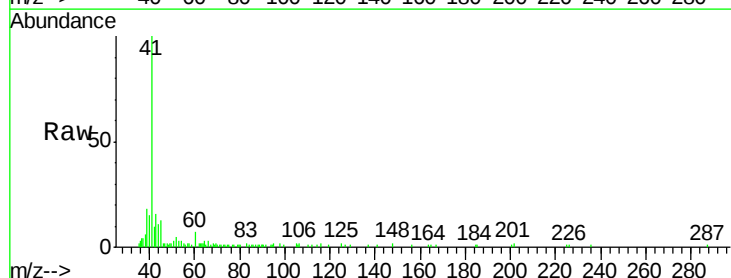
Tot Ion	Ratio	Lower	Upper
43	100		
61	21.1	16.8	25.2
87	14.7	12.4	18.6

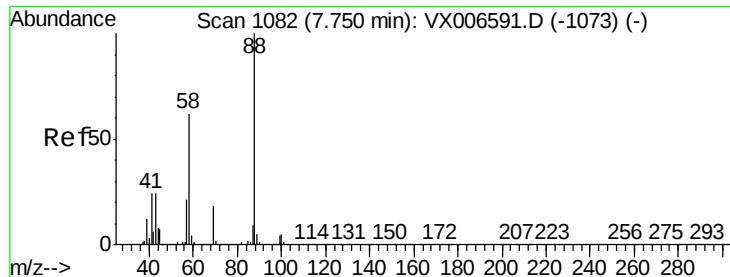


#48

Methyl methacrylate
 Concen: 2.412 ug/l
 RT: 7.68 min Scan# 1071
 Delta R.T. -0.09 min
 Lab File: VX006943.D
 Acq: 07 Jan 2019 18:34

Tgt Ion	Ratio	Lower	Upper
41	100		
69	0.9	72.4	108.6#
39	15.5	45.8	68.8#





#49

1,4-Dioxane

Concen: Below Cal

RT: 7.77 min Scan# 1085

Delta R.T. 0.02 min

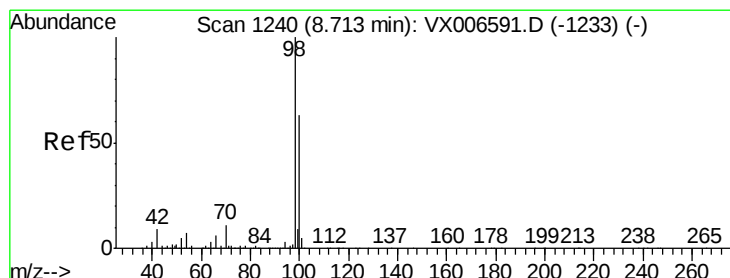
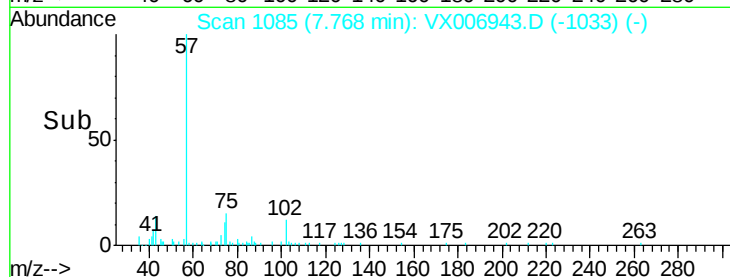
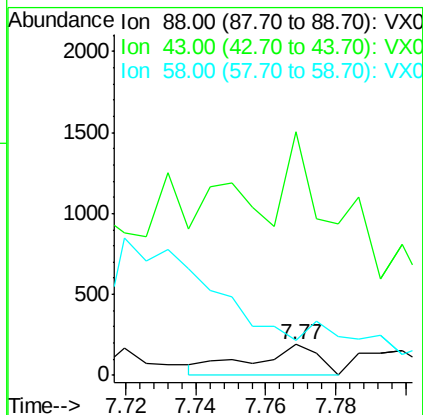
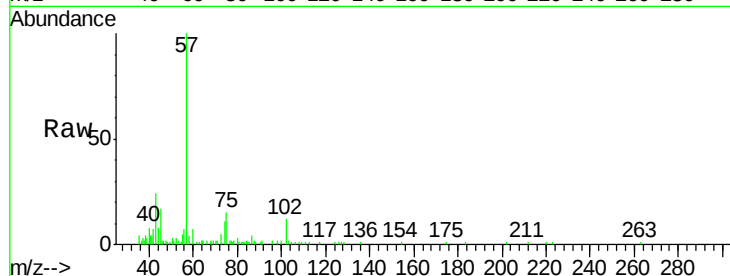
Lab File: VX006943.D

Acq: 07 Jan 2019 18:34

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 88 Resp: 252

Ion	Ratio	Lower	Upper
88	100		
43	0.0	22.2	33.4#
58	0.0	51.0	76.4#



#50

Toluene-d8

Concen: 50.284 ug/l

RT: 8.71 min Scan# 1240

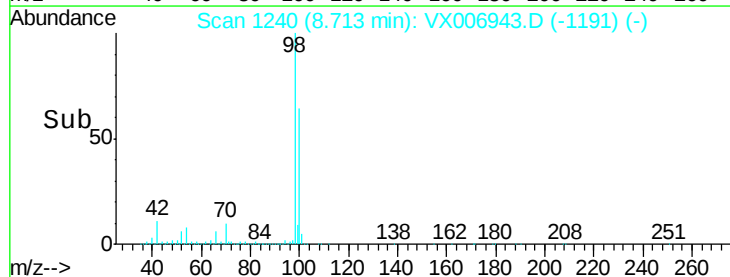
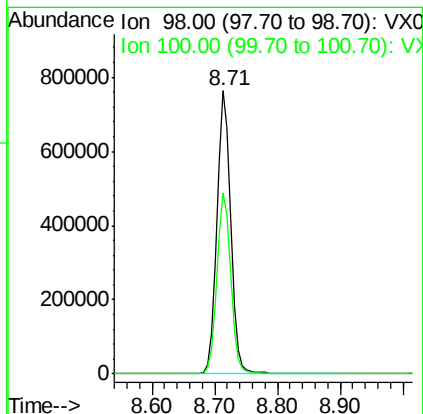
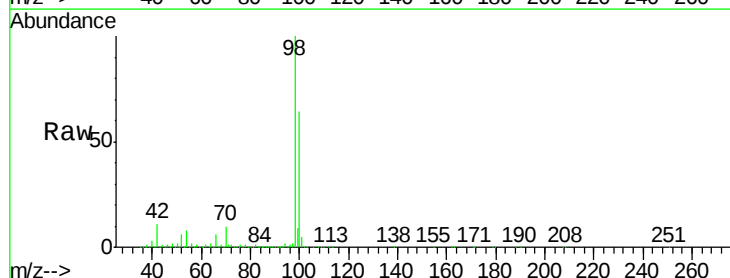
Delta R.T. -0.00 min

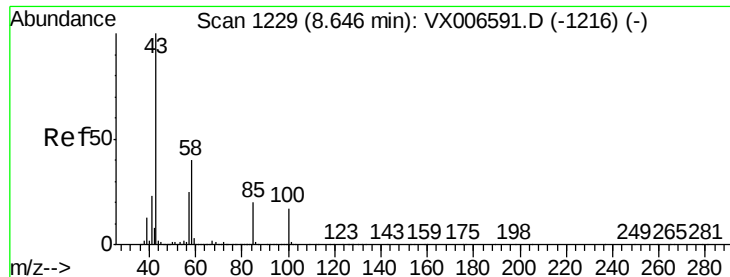
Lab File: VX006943.D

Acq: 07 Jan 2019 18:34

Tgt Ion: 98 Resp: 1165395

Ion	Ratio	Lower	Upper
98	100		
100	64.0	52.0	78.0





#51

4-Methyl-2-Pentanone

Concen: 17.664 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. -0.03 min

Lab File: VX006943.D

Acq: 07 Jan 2019 18:34

Instrument :

MSVOA_X

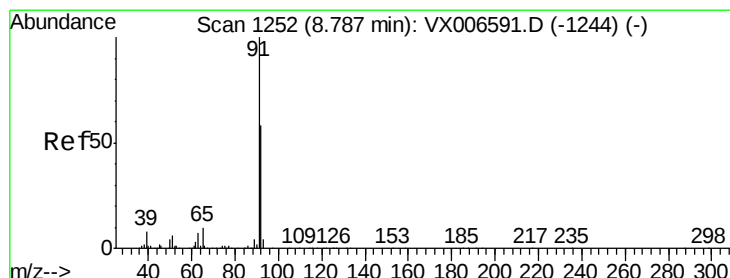
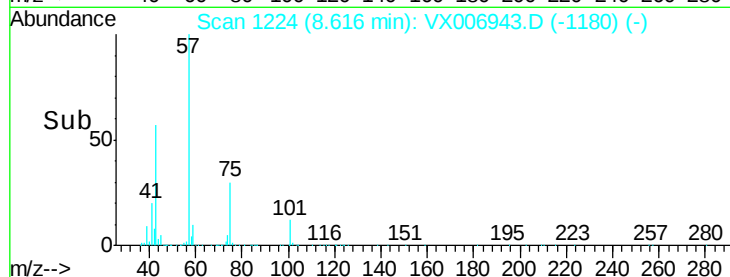
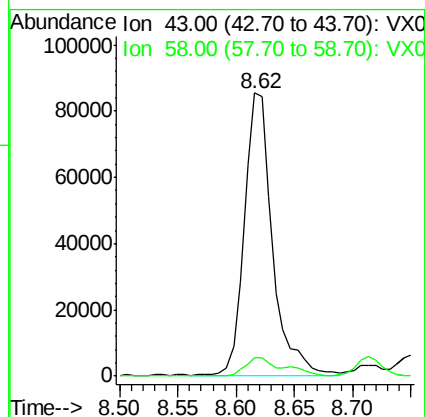
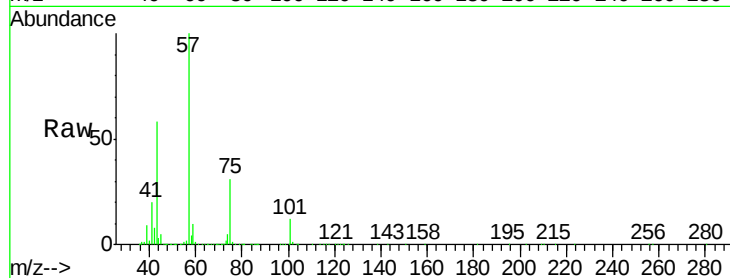
ClientSampleId :

Tot Ion: 43 Resp: 143305

Ion Ratio Lower Upper

43 100

58 9.3 31.8 47.6#



#52

Toluene

Concen: 2.256 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX006943.D

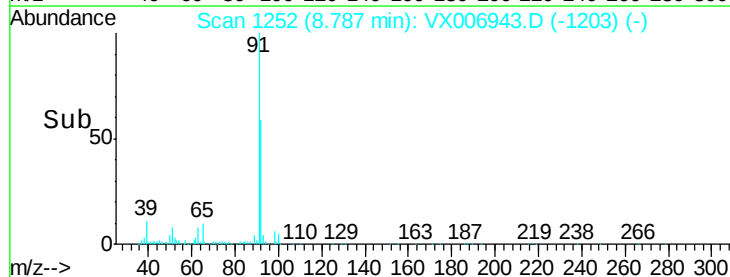
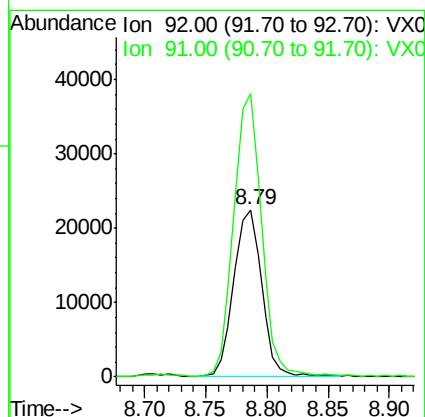
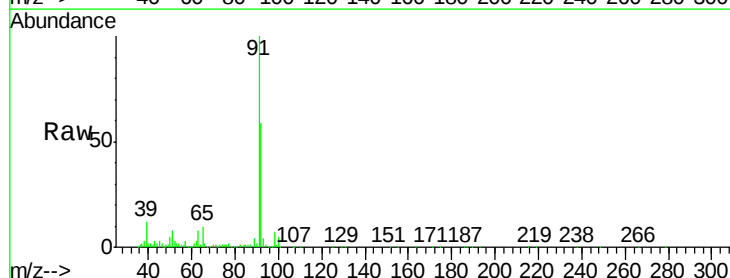
Acq: 07 Jan 2019 18:34

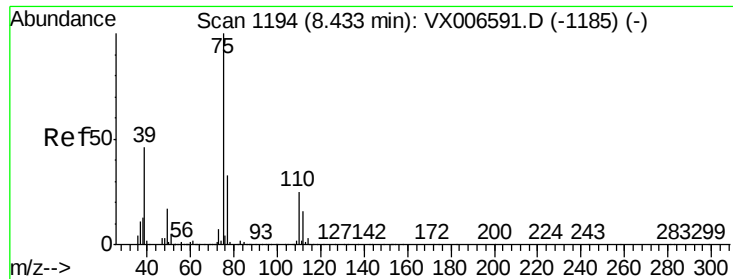
Tgt Ion: 92 Resp: 35670

Ion Ratio Lower Upper

92 100

91 167.9 137.6 206.4



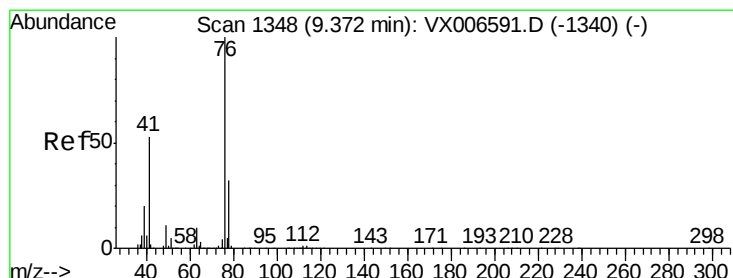
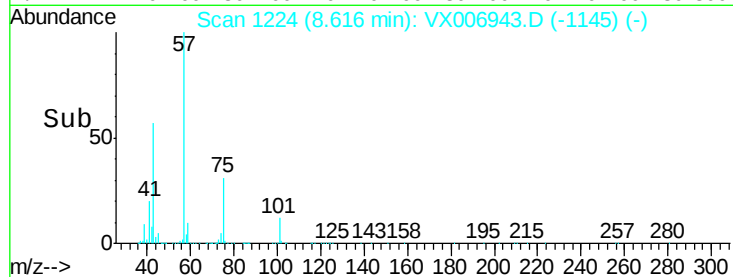
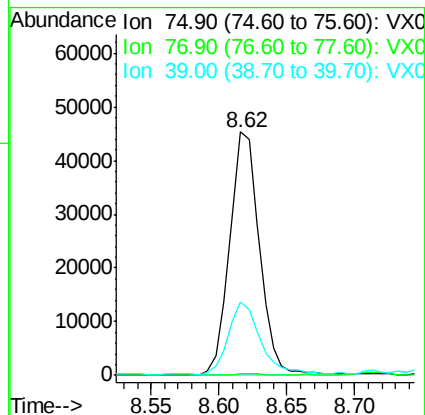
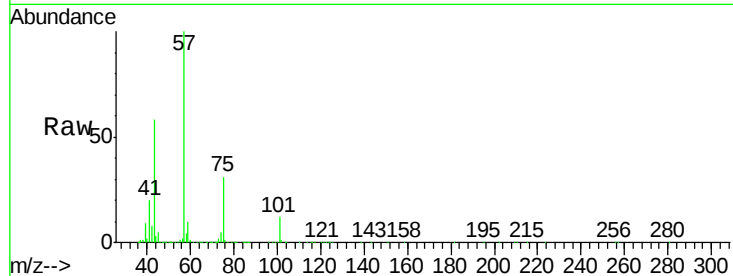


#54

cis-1,3-Dichloropropene
 Concen: 8.123 ug/l
 RT: 8.62 min Scan# 1224
 Delta R.T. 0.18 min
 Lab File: VX006943.D
 Acq: 07 Jan 2019 18:34

Instrument :
 MSVOA_X
 ClientSampleId :

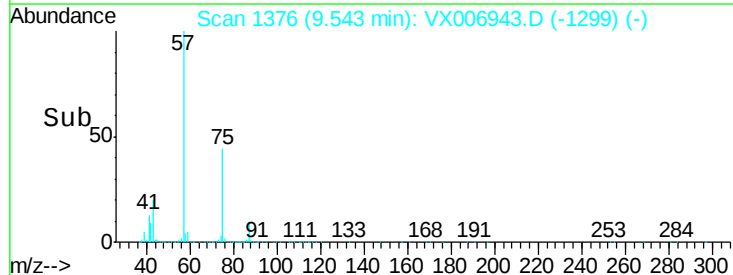
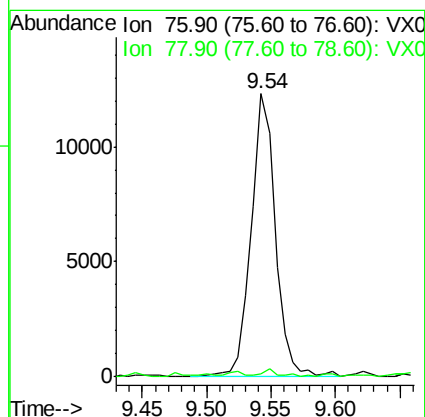
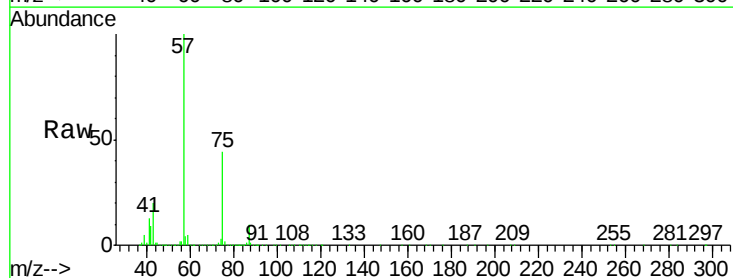
Tot Ion	Ratio	Lower	Upper
75	100		
77	0.3	26.2	39.2#
39	29.3	36.7	55.1#

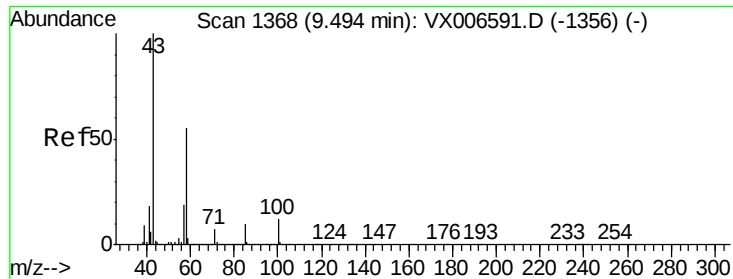


#57

1,3-Dichloropropane
 Concen: 1.532 ug/l
 RT: 9.54 min Scan# 1376
 Delta R.T. 0.17 min
 Lab File: VX006943.D
 Acq: 07 Jan 2019 18:34

Tgt Ion	Ratio	Lower	Upper
76	100		
78	1.6	26.0	39.0#

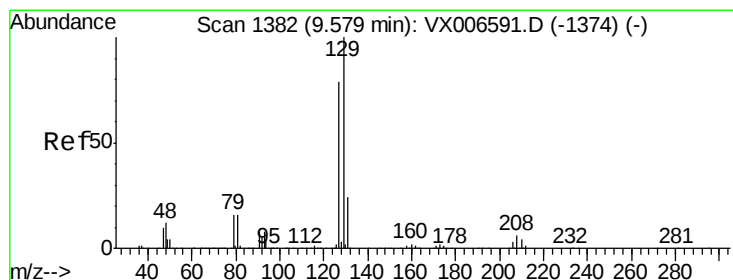
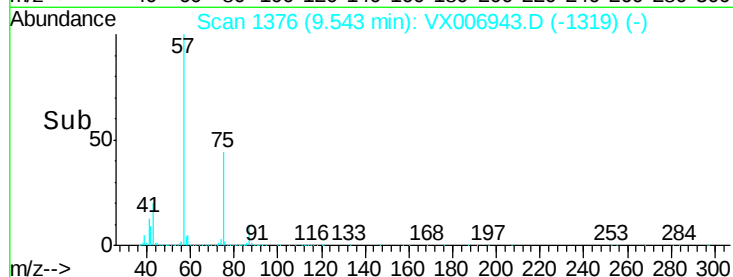
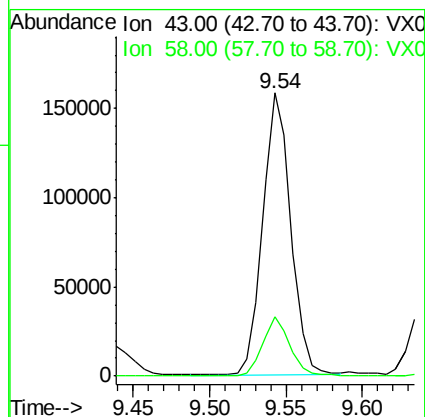
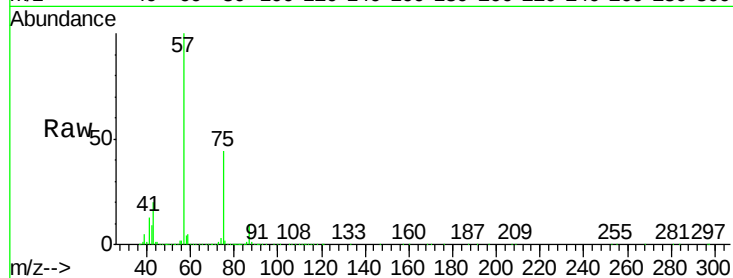




#59
2-Hexanone
Concen: 32.727 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.05 min
Lab File: VX006943.D
Acq: 07 Jan 2019 18:34

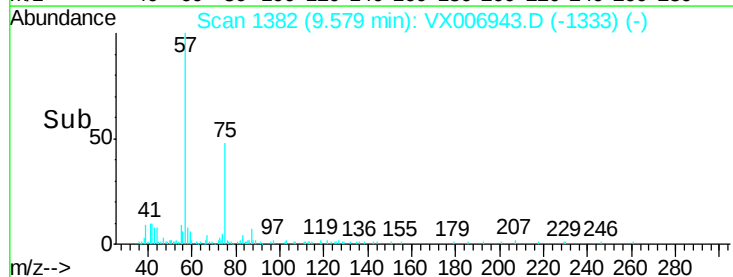
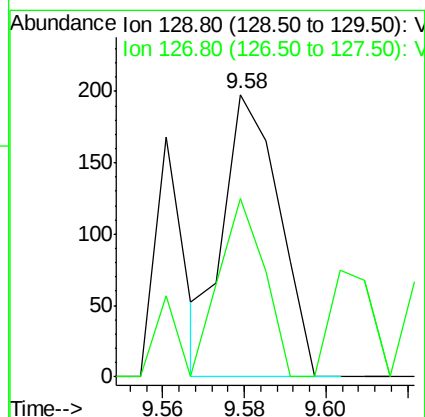
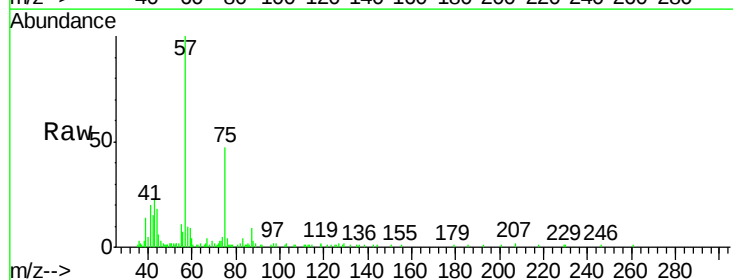
Instrument :
MSVOA_X
ClientSampleId :

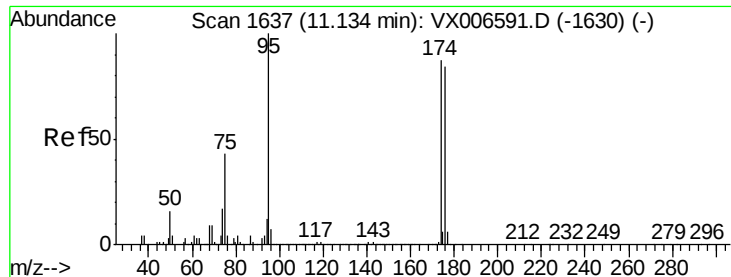
Tot Ion: 43 Resp: 203143
Ion Ratio Lower Upper
43 100
58 21.1 27.7 83.1#



#60
Dibromochloromethane
Concen: 2.350 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX006943.D
Acq: 07 Jan 2019 18:34

Tgt Ion:129 Resp: 186
Ion Ratio Lower Upper
129 100
127 62.9 39.3 117.8





#62

4-Bromofluorobenzene

Concen: 48.633 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006943.D

Acq: 07 Jan 2019 18:34

Instrument :

MSVOA_X

ClientSampleId :

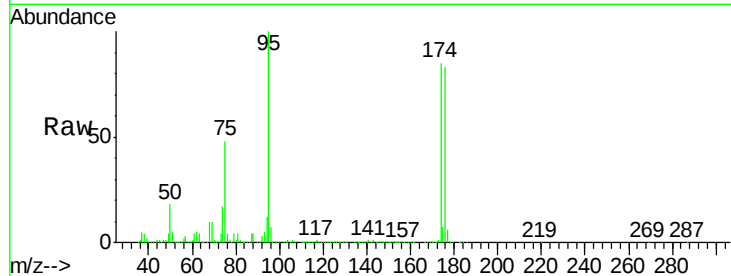
Tot Ion: 95 Resp: 412801

Ion Ratio Lower Upper

95 100

174 93.9 0.0 182.2

176 90.8 0.0 178.8

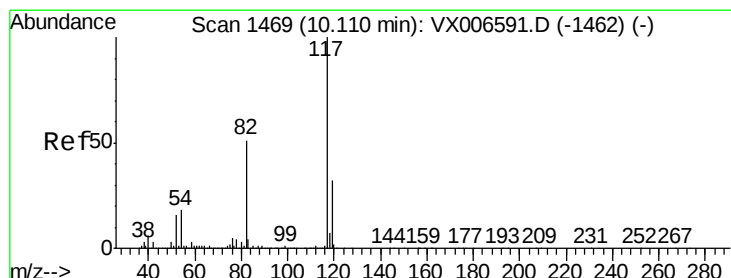
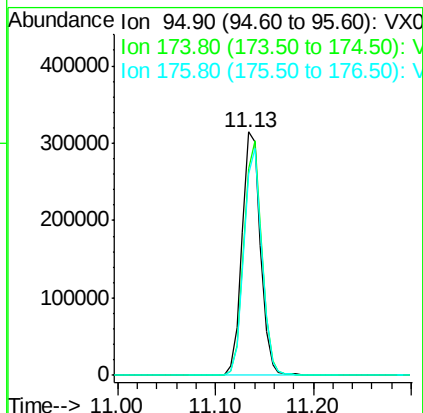
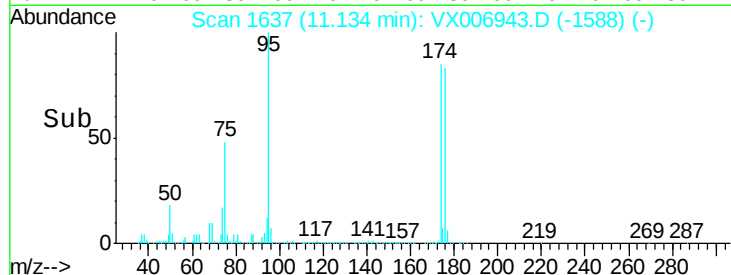


Abundance Ion 94.90 (94.60 to 95.60): VX006591.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX006591.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX006591.D (-1630) (-)

Time--> 11.00 11.10 11.20



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX006943.D

Acq: 07 Jan 2019 18:34

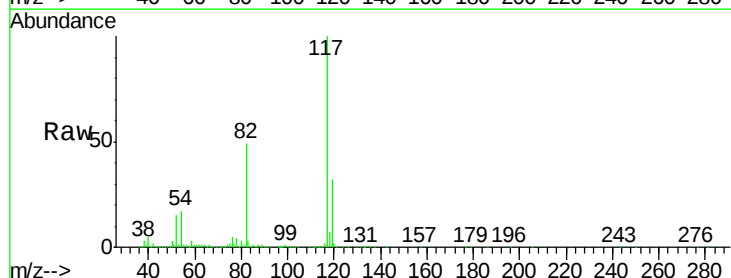
Tgt Ion: 117 Resp: 917338

Ion Ratio Lower Upper

117 100

82 48.7 41.0 61.6

119 31.8 25.4 38.0

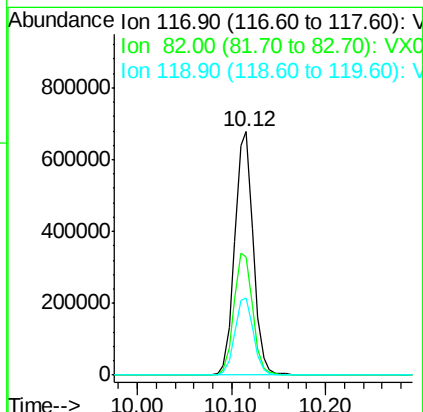
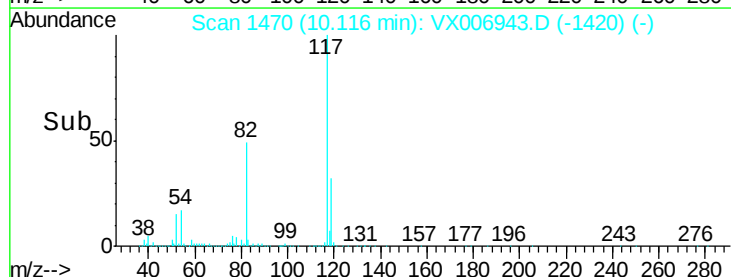


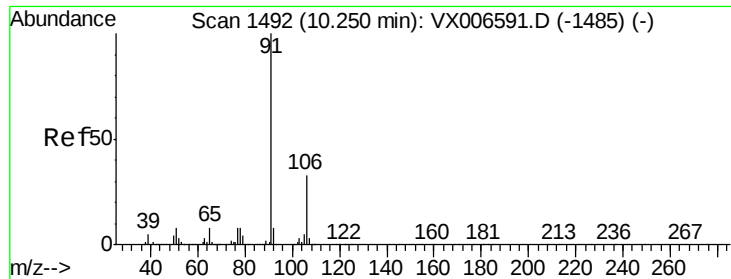
Abundance Ion 116.90 (116.60 to 117.60): VX006591.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX006591.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX006591.D (-1462) (-)

Time--> 10.00 10.10 10.20





#67

Ethyl Benzene

Concen: 0.365 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006943.D

Acq: 07 Jan 2019 18:34

Instrument :

MSVOA_X

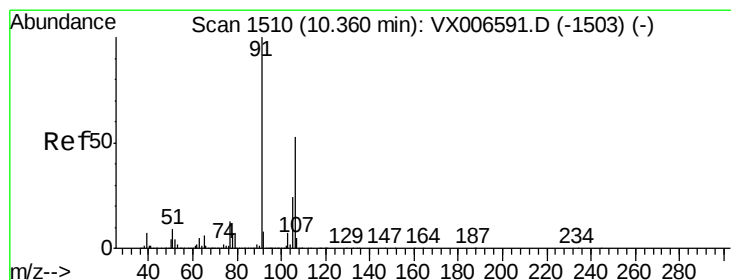
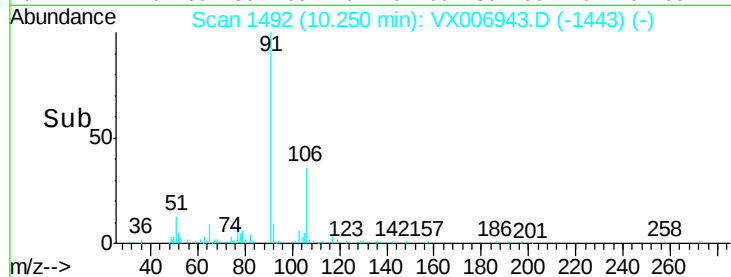
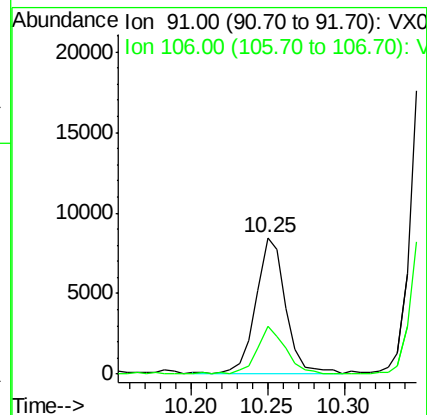
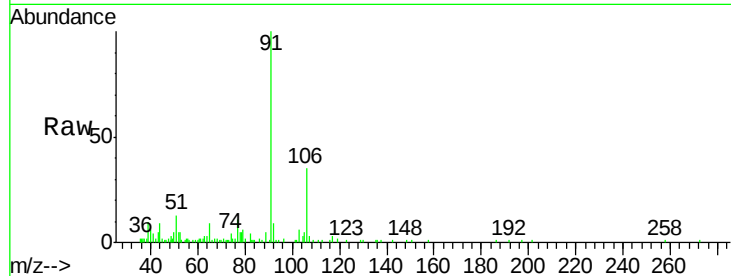
ClientSampleId :

Tot Ion: 91 Resp: 11564

Ion Ratio Lower Upper

91 100

106 35.0 26.4 39.6



#68

m/p-Xylenes

Concen: 1.751 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006943.D

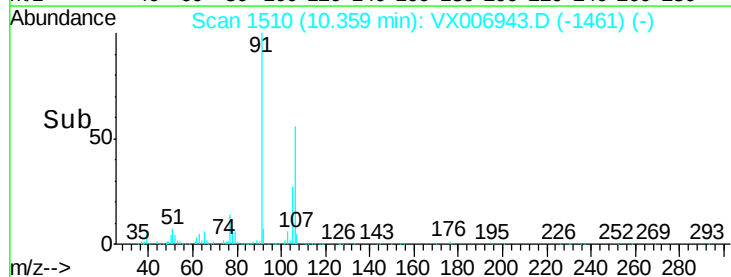
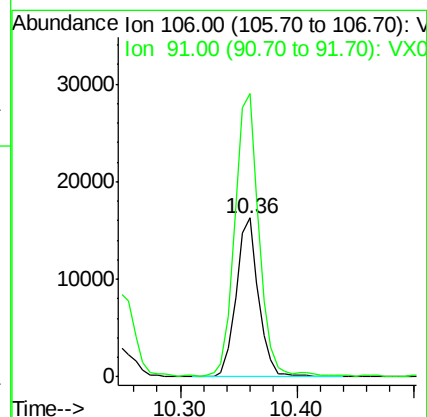
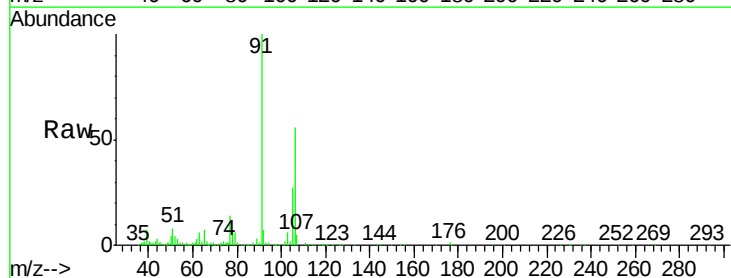
Acq: 07 Jan 2019 18:34

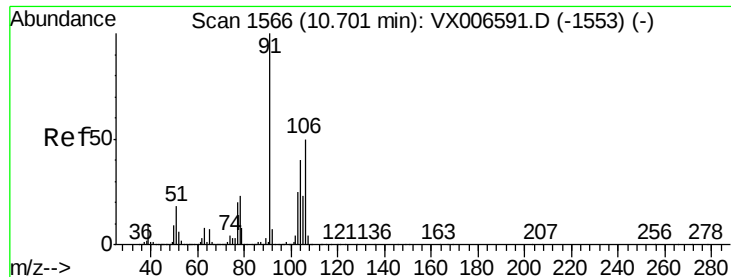
Tgt Ion: 106 Resp: 21908

Ion Ratio Lower Upper

106 100

91 190.5 155.8 233.6

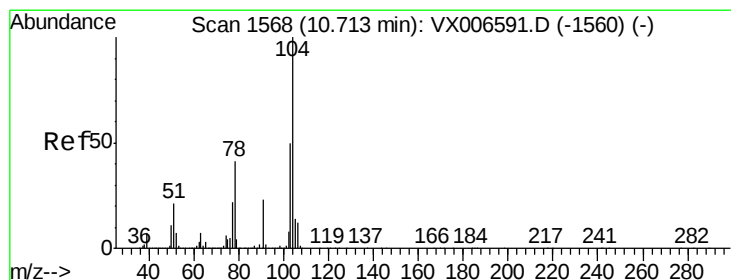
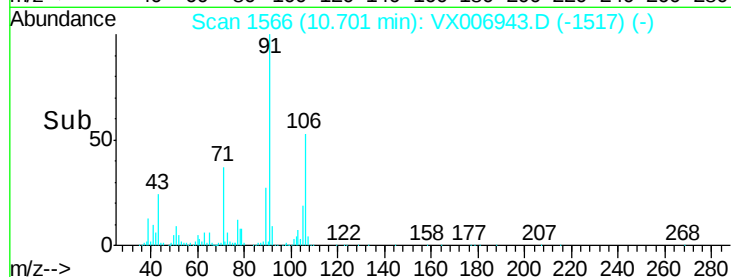
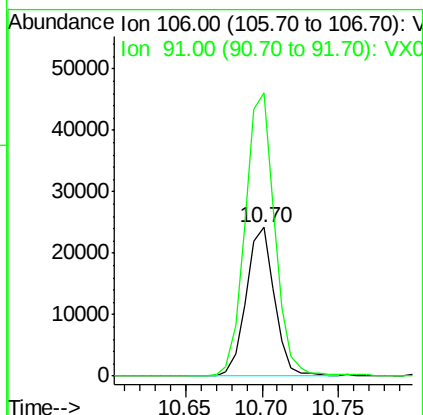
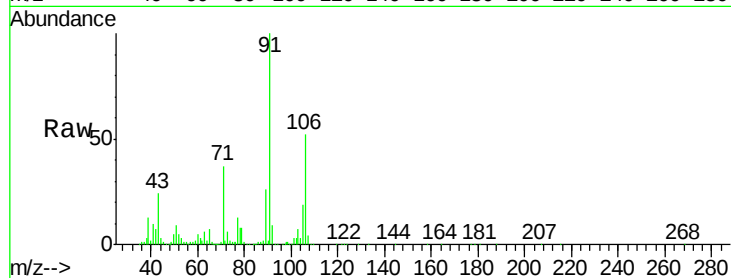




#69
o-Xylene
Concen: 2.513 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006943.D
Acq: 07 Jan 2019 18:34

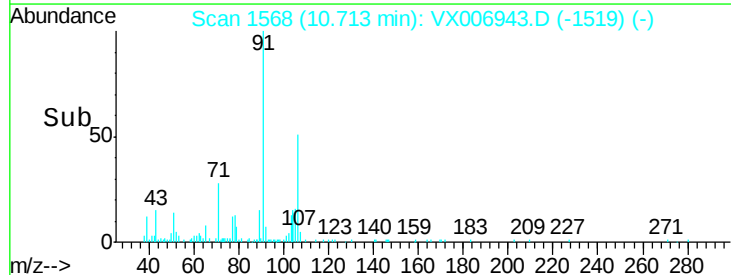
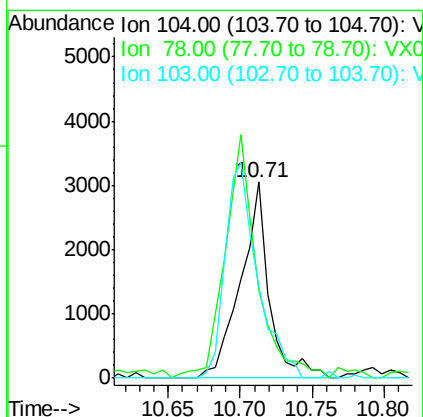
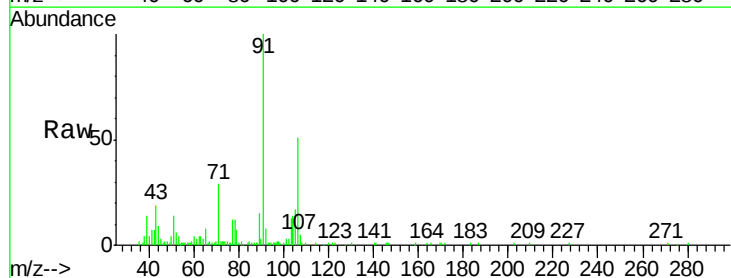
Instrument :
MSVOA_X
ClientSampled :

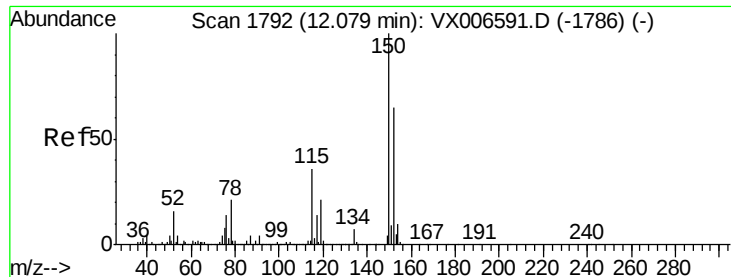
Tot Ion:106 Resp: 31058
Ion Ratio Lower Upper
106 100
91 199.8 101.3 303.7



#70
Styrene
Concen: 0.216 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006943.D
Acq: 07 Jan 2019 18:34

Tgt Ion:104 Resp: 4213
Ion Ratio Lower Upper
104 100
78 140.3 37.7 56.5#
103 125.5 43.8 65.8#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006943.D

Acq: 07 Jan 2019 18:34

Instrument :

MSVOA_X

ClientSampleId :

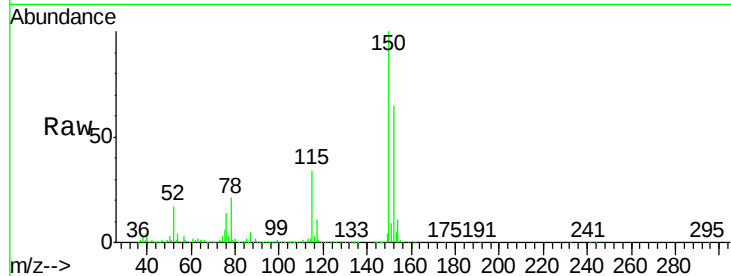
Tot Ion:152 Resp: 453054

Ion Ratio Lower Upper

152 100

115 54.4 39.1 117.2

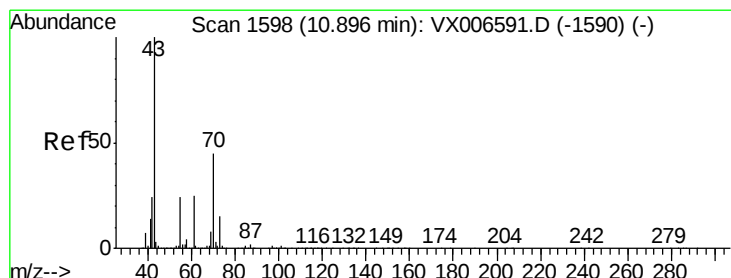
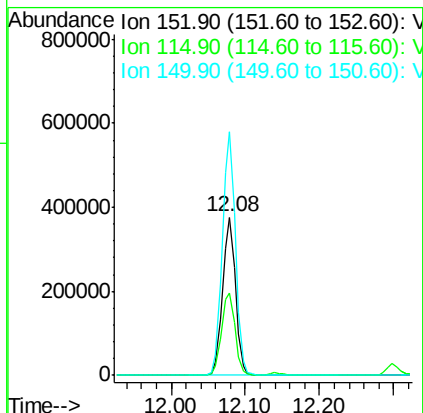
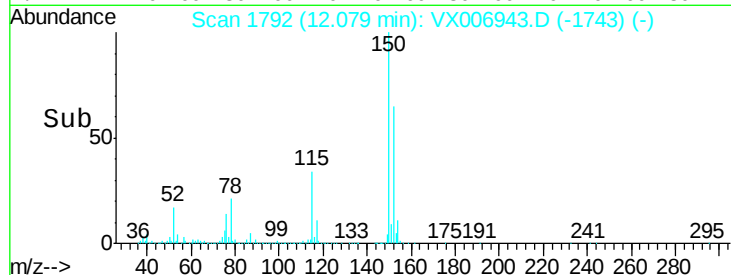
150 155.7 0.0 344.8



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



#74

N-ethyl acetate

Concen: 0.274 ug/l

RT: 10.94 min Scan# 1606

Delta R.T. 0.05 min

Lab File: VX006943.D

Acq: 07 Jan 2019 18:34

Tgt Ion: 43 Resp: 3035

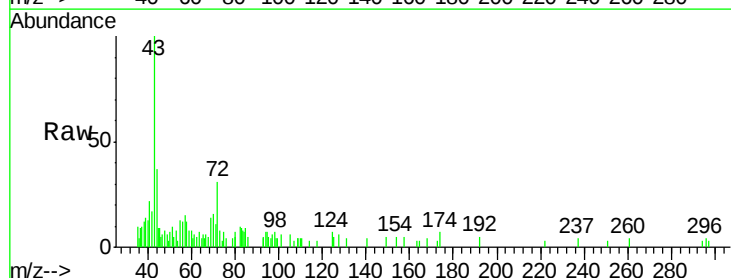
Ion Ratio Lower Upper

43 100

70 0.0 35.8 53.8#

55 1.7 19.4 29.0#

61 0.0 20.1 30.1#

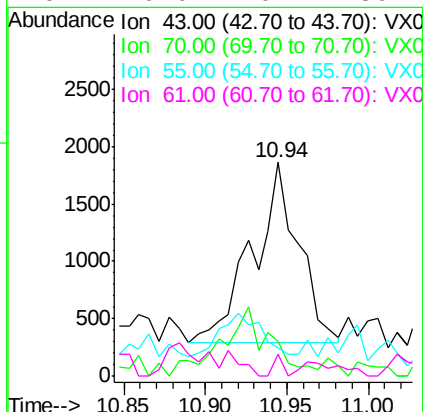
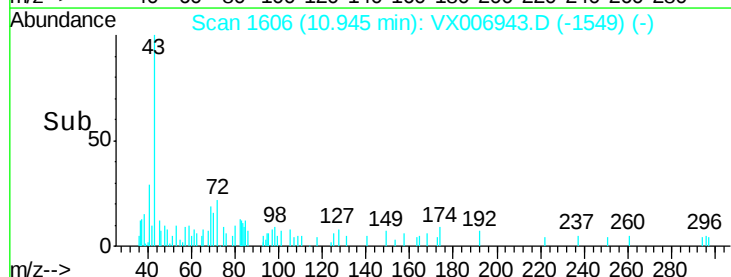


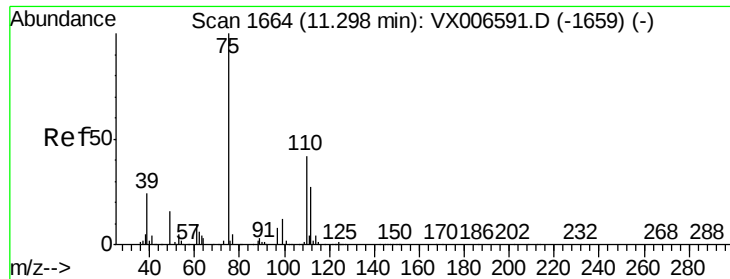
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 23.156 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX006943.D

Acq: 07 Jan 2019 18:34

Instrument :

MSVOA_X

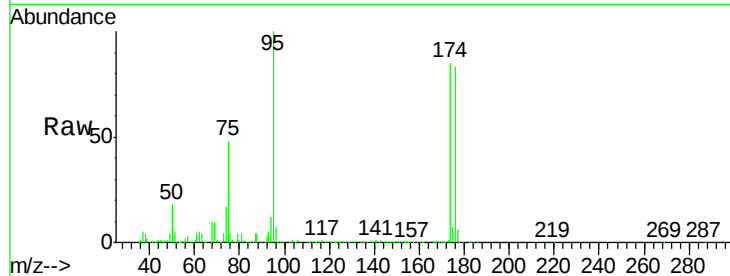
ClientSampleId :

Tot Ion: 75 Resp: 194968

Ion Ratio Lower Upper

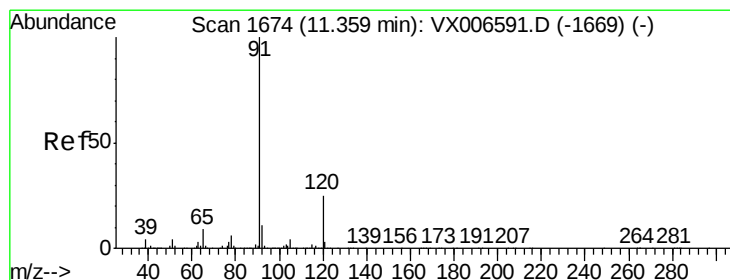
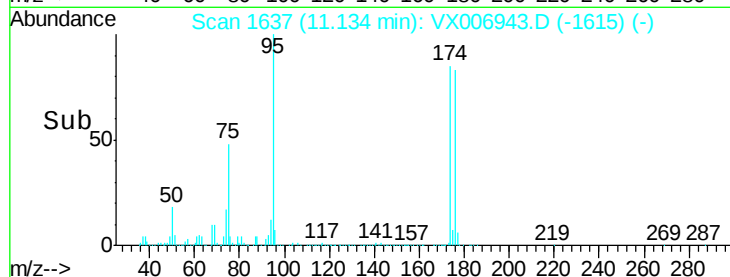
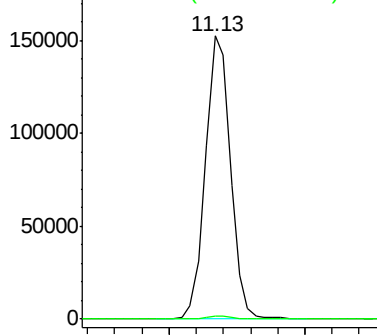
75 100

77 1.2 18.5 55.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#78

n-propylbenzene

Concen: 0.293 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006943.D

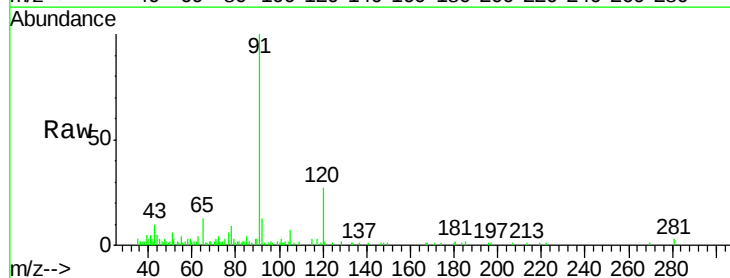
Acq: 07 Jan 2019 18:34

Tgt Ion: 91 Resp: 10011

Ion Ratio Lower Upper

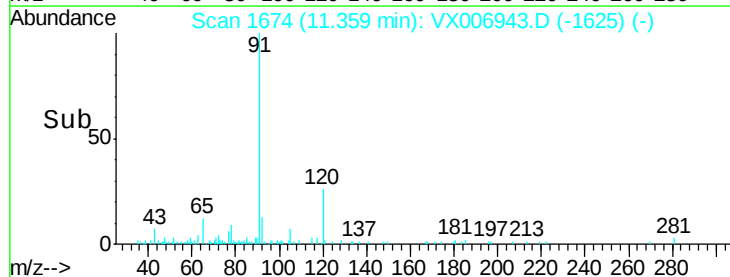
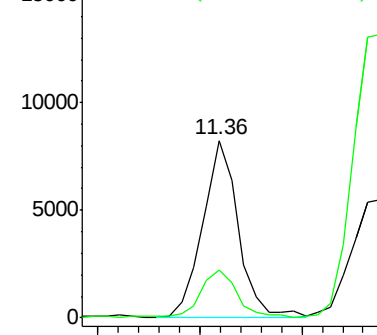
91 100

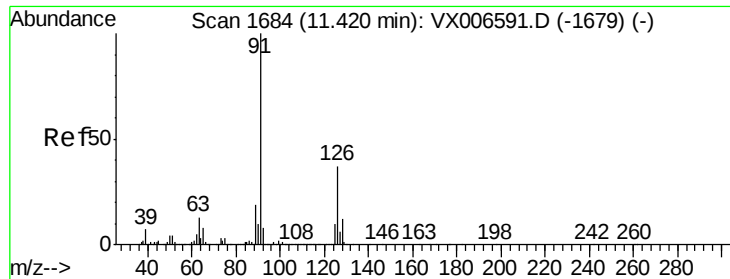
120 28.3 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 0.562 ug/l

RT: 11.44 min Scan# 1687

Delta R.T. 0.02 min

Lab File: VX006943.D

Acq: 07 Jan 2019 18:34

Instrument :

MSVOA_X

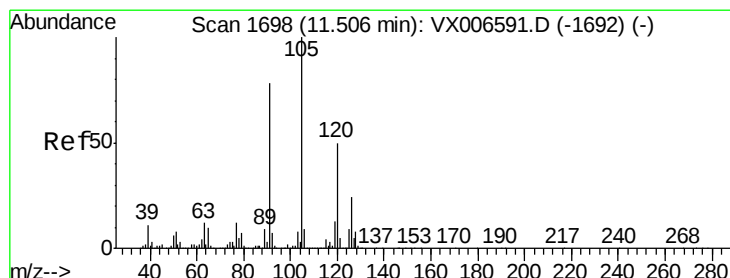
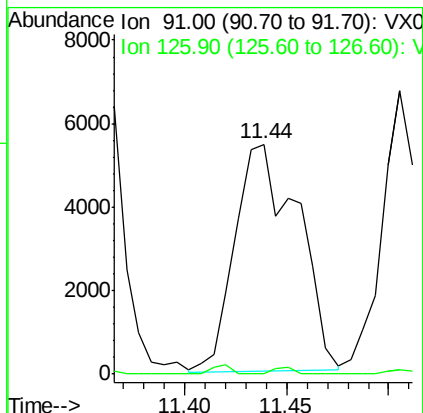
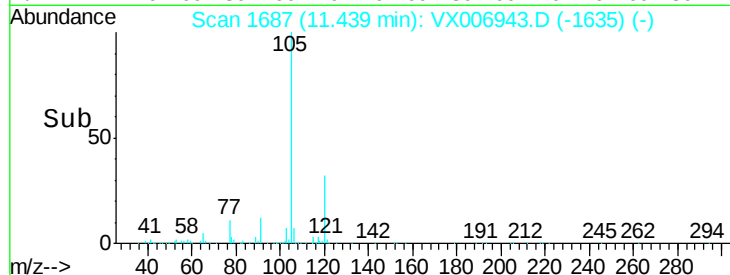
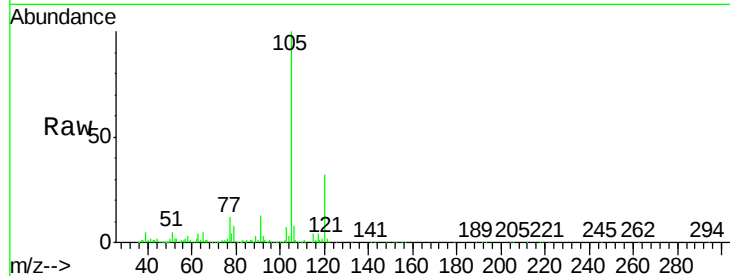
ClientSampleId :

Tot Ion: 91 Resp: 11633

Ion Ratio Lower Upper

91 100

126 0.9 18.6 56.0#



#80

1,3,5-Trimethylbenzene

Concen: 2.860 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006943.D

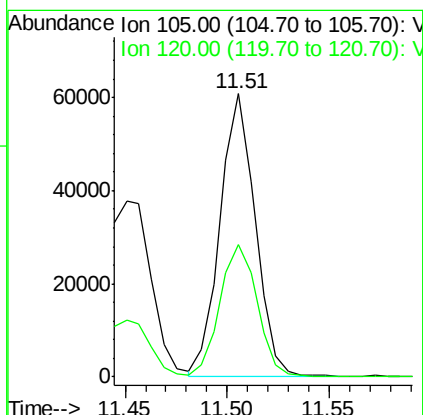
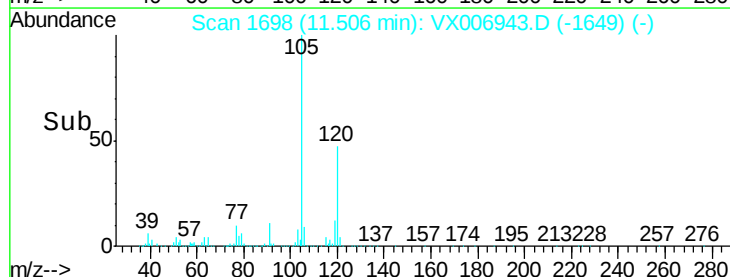
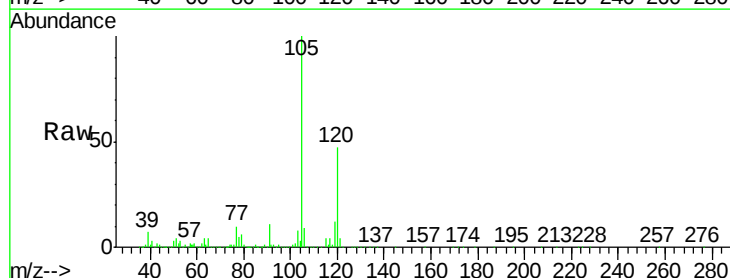
Acq: 07 Jan 2019 18:34

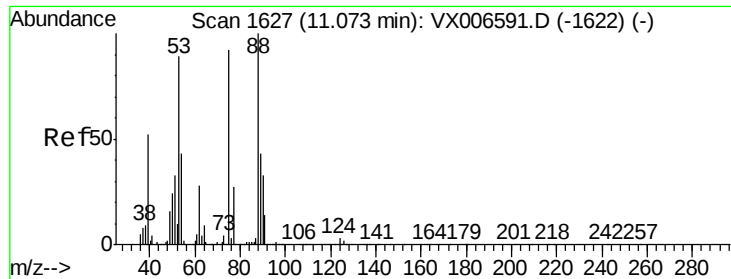
Tgt Ion: 105 Resp: 73009

Ion Ratio Lower Upper

105 100

120 49.7 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 68.738 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006943.D

Acq: 07 Jan 2019 18:34

Instrument :

MSVOA_X

ClientSampleId :

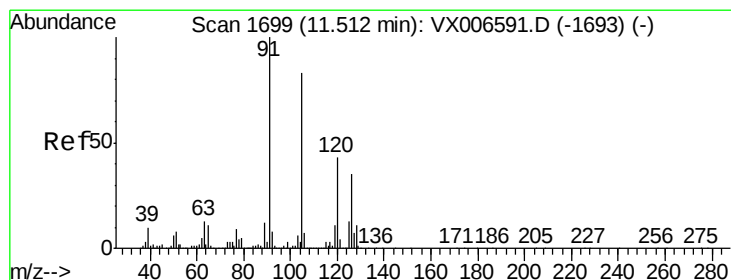
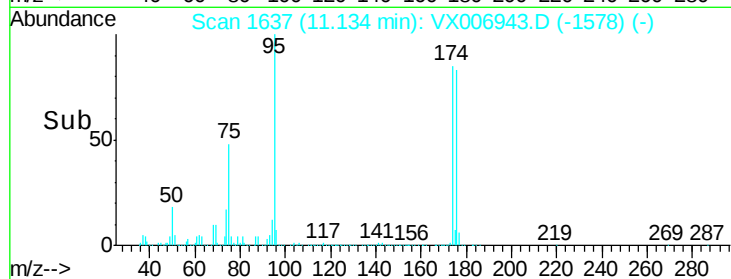
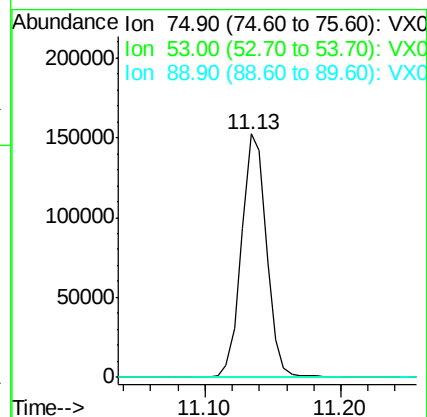
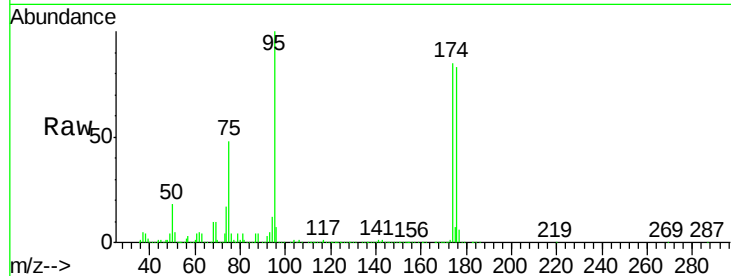
Tot Ion: 75 Resp: 194968

Ion Ratio Lower Upper

75 100

53 0.1 79.7 119.5#

89 0.1 38.0 57.0#



#82

4-Chlorotoluene

Concen: 0.323 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX006943.D

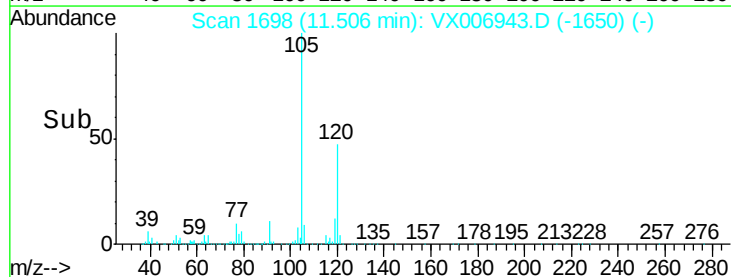
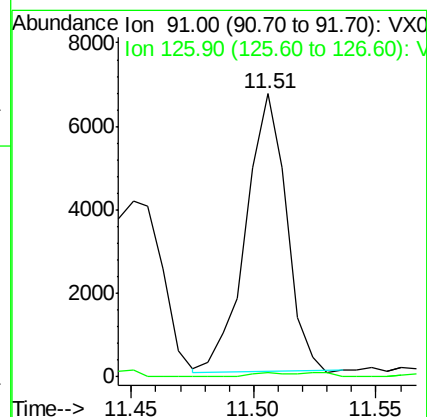
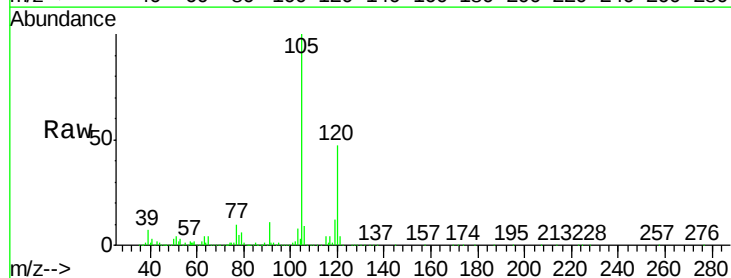
Acq: 07 Jan 2019 18:34

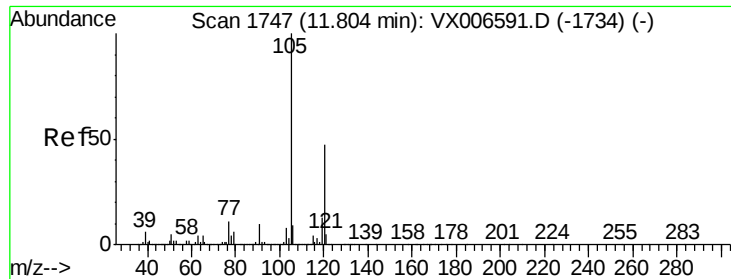
Tgt Ion: 91 Resp: 7670

Ion Ratio Lower Upper

91 100

126 1.2 16.3 48.9#

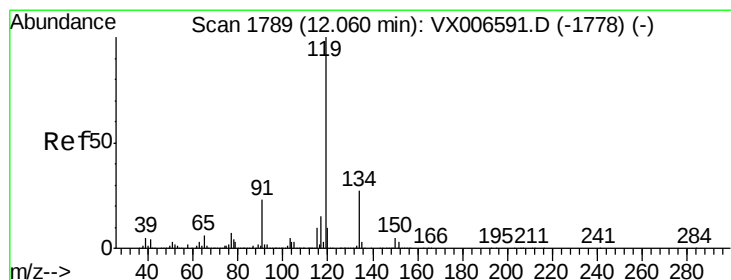
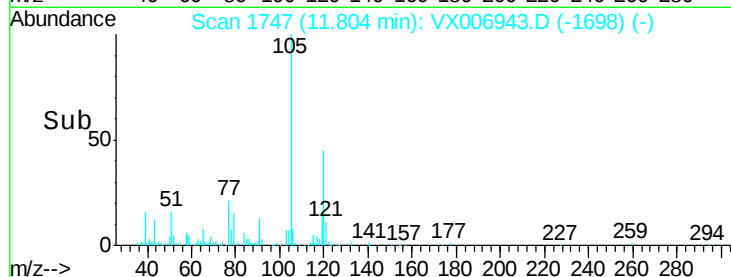
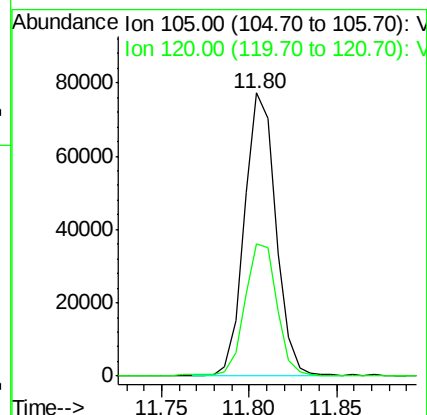
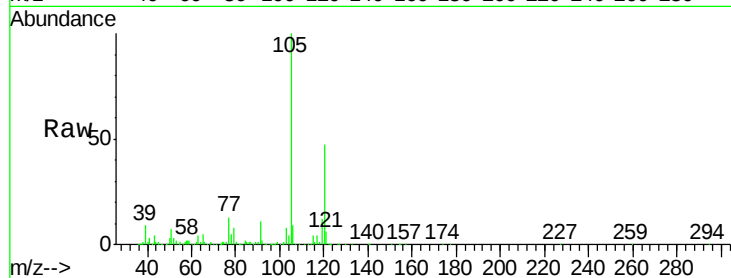




#84
 1,2,4-Trimethylbenzene
 Concen: 3.570 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX006943.D
 Acq: 07 Jan 2019 18:34

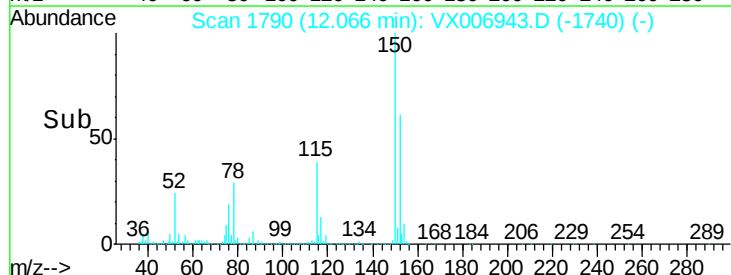
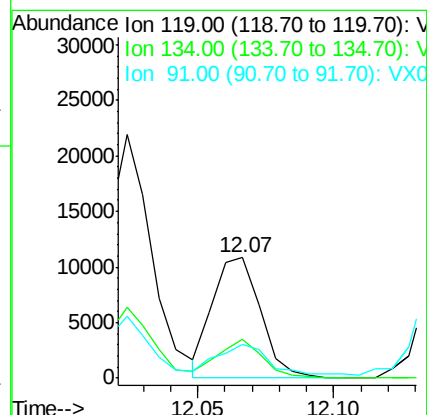
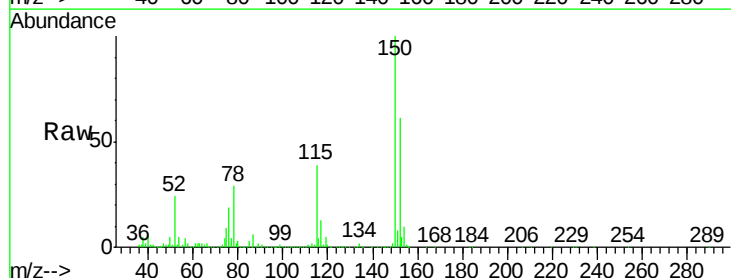
Instrument :
 MSVOA_X
 ClientSampleId :

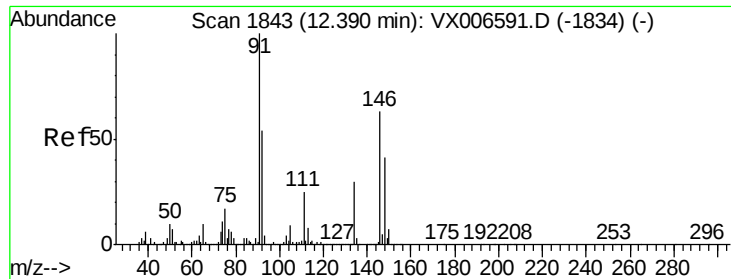
Tot Ion:105 Resp: 95862
 Ion Ratio Lower Upper
 105 100
 120 48.6 23.2 69.6



#86
 p-Isopropyltoluene
 Concen: 0.479 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.01 min
 Lab File: VX006943.D
 Acq: 07 Jan 2019 18:34

Tgt Ion:119 Resp: 13194
 Ion Ratio Lower Upper
 119 100
 134 30.2 14.0 41.9
 91 30.7 11.3 33.9

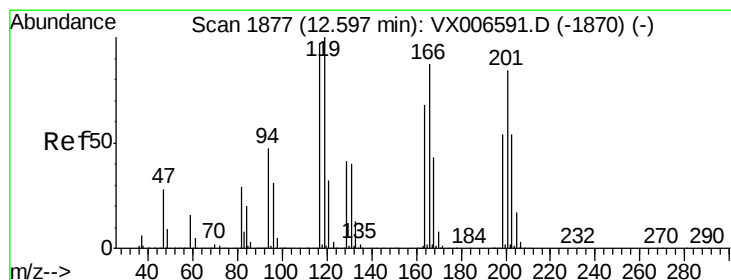
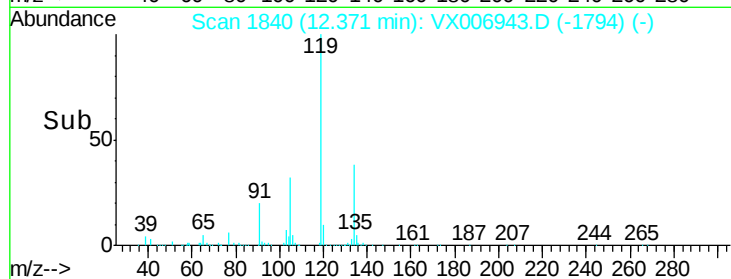
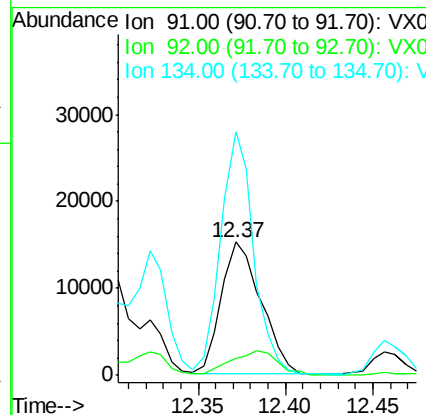
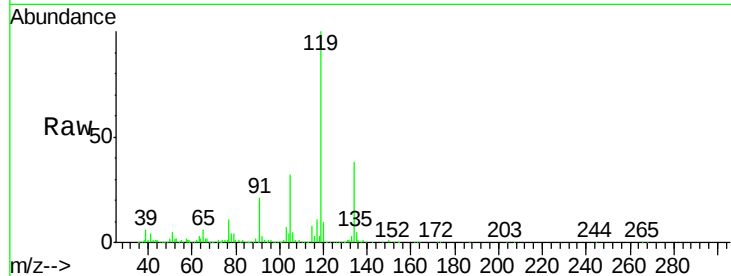




#89
n-Butylbenzene
Concen: 1.027 ug/l
RT: 12.37 min Scan# 1840
Delta R.T. -0.02 min
Lab File: VX006943.D
Acq: 07 Jan 2019 18:34

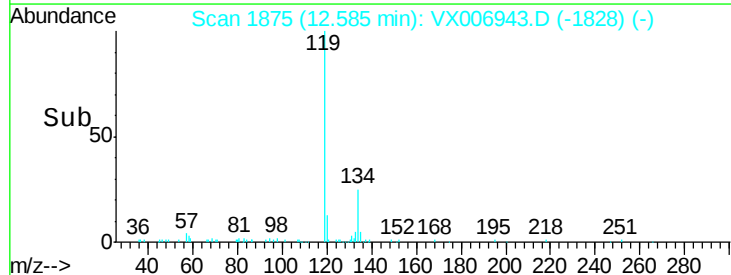
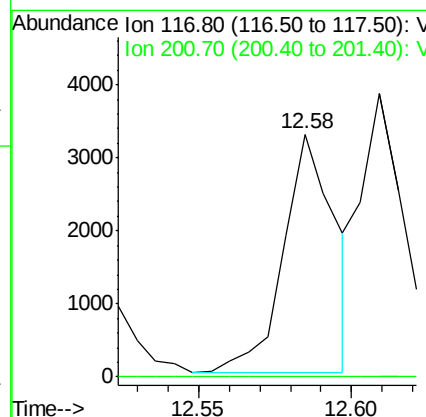
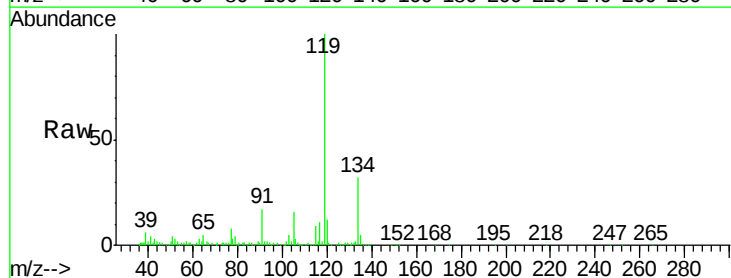
Instrument :
MSVOA_X
ClientSampleId :

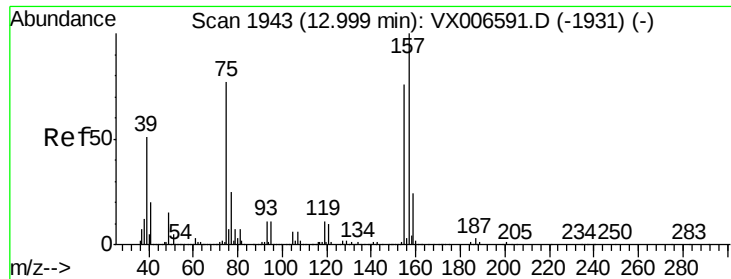
Tot Ion: 91 Resp: 24077
Ion Ratio Lower Upper
91 100
92 21.8 26.8 80.4#
134 152.6 14.4 43.2#



#90
Hexachloroethane
Concen: 4.117 ug/l
RT: 12.58 min Scan# 1875
Delta R.T. -0.01 min
Lab File: VX006943.D
Acq: 07 Jan 2019 18:34

Tgt Ion: 117 Resp: 3801
Ion Ratio Lower Upper
117 100
201 0.0 42.9 128.7#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.461 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX006943.D

Acq: 07 Jan 2019 18:34

Instrument :

MSVOA_X

ClientSampleId :

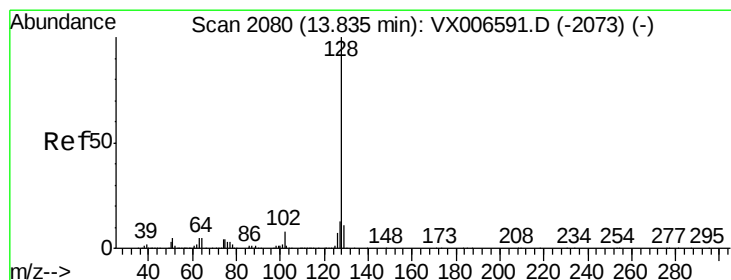
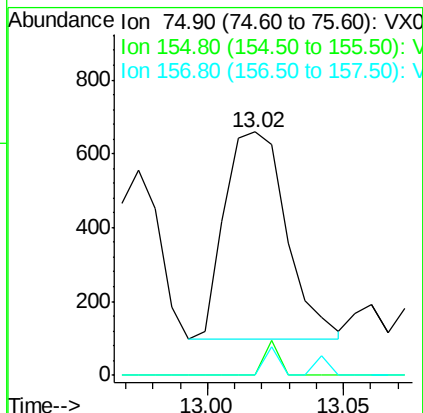
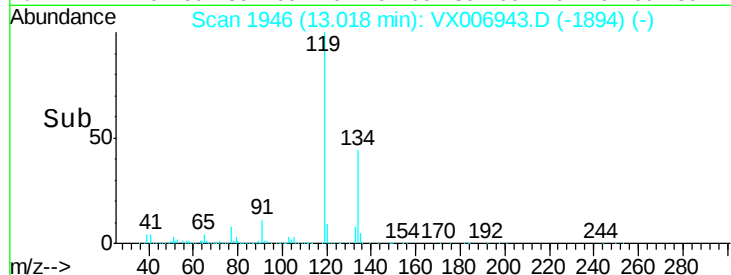
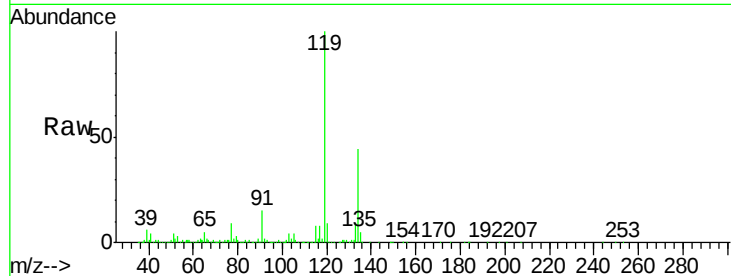
Tot Ion: 75 Resp: 880

Ion Ratio Lower Upper

75 100

155 4.0 50.6 151.8#

157 3.3 64.6 193.8#



#95

Naphthalene

Concen: 3.705 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX006943.D

Acq: 07 Jan 2019 18:34

Tgt Ion: 128 Resp: 123235

Ion Ratio Lower Upper

128 100

127 14.3 10.1 15.1

129 12.2 8.6 13.0

