

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX123119\
 Data File : VX014385.D
 Acq On : 31 Dec 2019 17:13
 Operator : JC/SP
 Sample : K6462-01ME 5X
 Misc : 5.08g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 K500-1ME

Quant Time: Jan 01 03:20:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	497172	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	764763	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	718694	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	368934	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	273262	48.50	ug/l	0.00
Spiked Amount			Recovery	=	97.00%	
35) Dibromofluoromethane	5.49	113	221007	47.54	ug/l	0.00
Spiked Amount			Recovery	=	95.08%	
50) Toluene-d8	8.71	98	925962	51.16	ug/l	0.00
Spiked Amount			Recovery	=	102.32%	
62) 4-Bromofluorobenzene	11.14	95	355965	53.80	ug/l	0.00
Spiked Amount			Recovery	=	107.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.63	94	3319	0.742	ug/l	97
6) Chloroethane	1.73	64	922	0.237	ug/l #	45
10) Methyl Iodide	2.49	142	442	2.688	ug/l #	1
11) Tert butyl alcohol	3.01	59	10807	8.876	ug/l #	90
13) Acrolein	2.26	56	429	0.616	ug/l #	36
16) Acetone	2.44	43	9021	2.466	ug/l	100
17) Carbon Disulfide	2.55	76	1856	0.888	ug/l #	51
20) Methylene Chloride	2.84	84	3332	0.578	ug/l	89
25) 2-Butanone	4.69	43	2083	0.462	ug/l	98
28) Bromochloromethane	5.00	49	618	0.622	ug/l #	32
36) 1,1-Dichloropropene	5.65	75	33846	4.823	ug/l #	51
38) Carbon Tetrachloride	5.65	117	44198	6.914	ug/l #	16
39) Methylcyclohexane	7.45	83	25404	2.932	ug/l	93
49) 1,4-Dioxane	7.74	88	80	0.626	ug/l #	1
51) 4-Methyl-2-Pentanone	8.66	43	6680	0.829	ug/l #	53
52) Toluene	8.78	92	4033	0.296	ug/l	100
55) 1,1,2-Trichloroethane	9.16	97	53439	9.770	ug/l #	18
56) Ethyl methacrylate	9.16	69	11737	1.366	ug/l #	1
59) 2-Hexanone	9.44	43	59692	9.207	ug/l #	30
67) Ethyl Benzene	10.25	91	59506	2.265	ug/l	100
68) m/p-Xylenes	10.35	106	694781	68.759	ug/l	100
69) o-Xylene	10.70	106	399900	40.353	ug/l	99
70) Styrene	10.70	104	20865	1.245	ug/l #	1
73) Isopropylbenzene	11.01	105	56568	2.178	ug/l	98
74) N-amyl acetate	10.91	43	86032	7.066	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	23153	2.571	ug/l #	26
76) 1,2,3-Trichloropropane	11.43	75	19978	2.494	ug/l #	1
78) n-propylbenzene	11.35	91	140394	4.819	ug/l	98
79) 2-Chlorotoluene	11.43	91	292971	16.541	ug/l #	41
80) 1,3,5-Trimethylbenzene	11.50	105	903292	41.319	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.14	75	168566	59.402	ug/l #	17
82) 4-Chlorotoluene	11.50	91	94328	4.591	ug/l #	43
83) tert-Butylbenzene	11.81	119	374713	17.613	ug/l #	62
84) 1,2,4-Trimethylbenzene	11.81	105	2959325	135.173	ug/l	98

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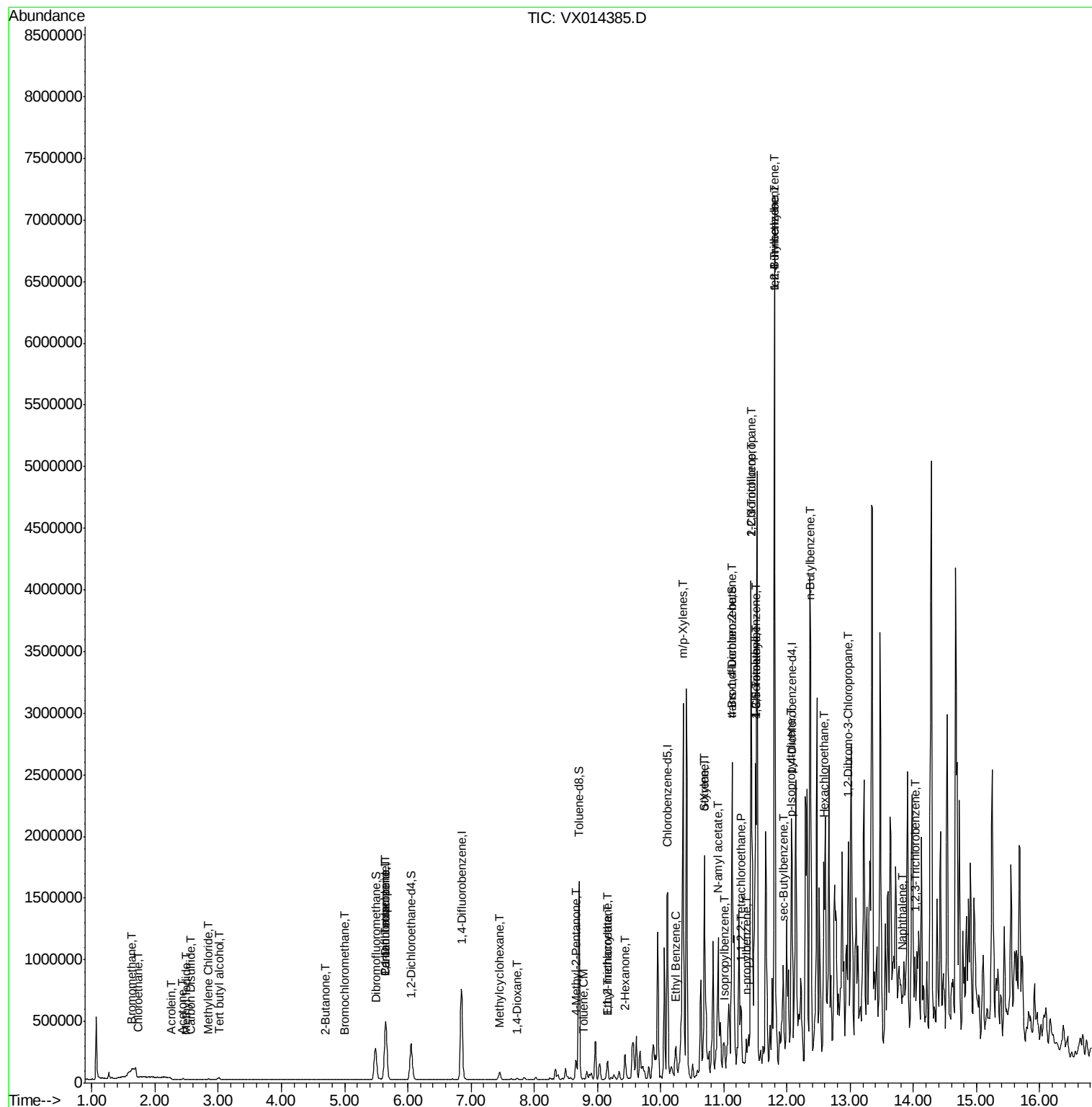
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	11.94	105	165968	6.608	ug/l	83
86) p-Isopropyltoluene	12.06	119	104560	4.551	ug/l	99
89) n-Butylbenzene	12.38	91	434798	22.180	ug/l #	26
90) Hexachloroethane	12.58	117	59370	14.387	ug/l #	6
92) 1,2-Dibromo-3-Chloropropan	12.97	75	4652	2.334	ug/l #	1
95) Naphthalene	13.83	128	223513	9.283	ug/l #	92
96) 1,2,3-Trichlorobenzene	14.03	180	7426	0.918	ug/l #	1

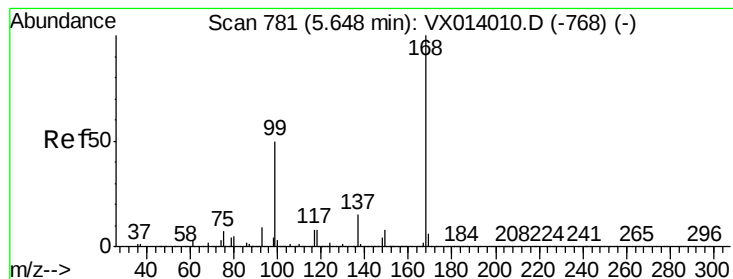
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014385.D

Acq: 31 Dec 2019 17:13

Instrument :

MSVOA_X

ClientSampleId :

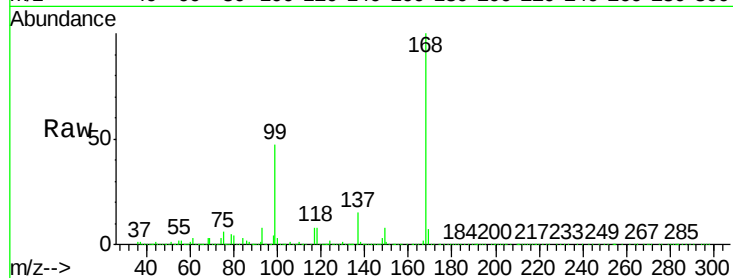
K500-1ME

Tgt Ion:168 Resp: 497172

Ion Ratio Lower Upper

168 100

99 47.3 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

150000

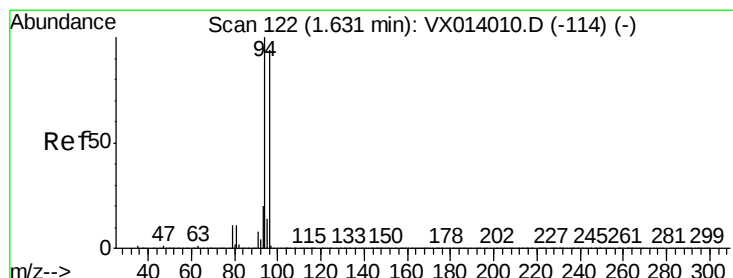
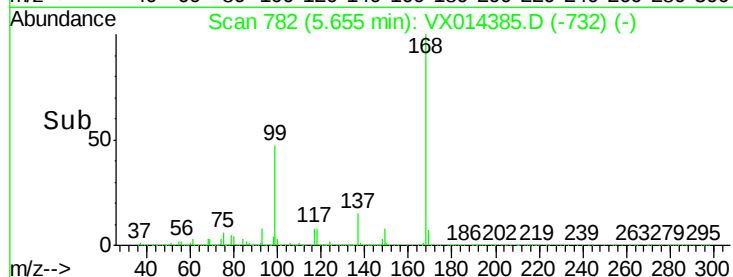
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.742 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014385.D

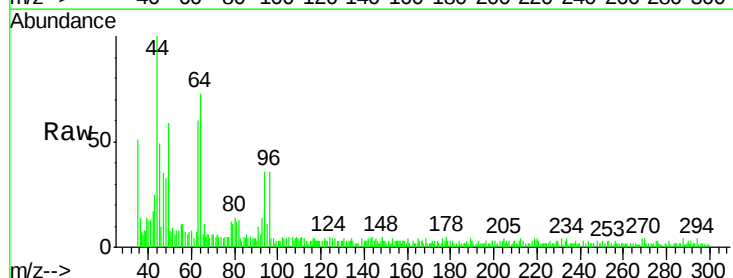
Acq: 31 Dec 2019 17:13

Tgt Ion: 94 Resp: 3319

Ion Ratio Lower Upper

94 100

96 91.3 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

2500

2000

1500

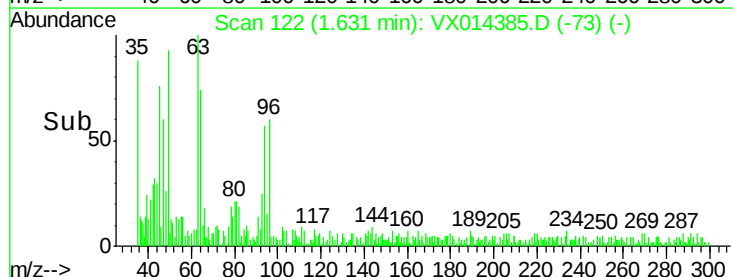
1000

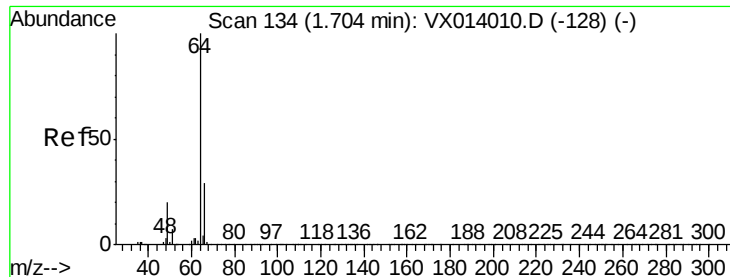
500

0

Time-->

1.60 1.62 1.64 1.66





#6

Chloroethane

Concen: 0.237 ug/l

RT: 1.73 min Scan# 139

Delta R.T. 0.03 min

Lab File: VX014385.D

Acq: 31 Dec 2019 17:13

Instrument :

MSVOA_X

ClientSampleId :

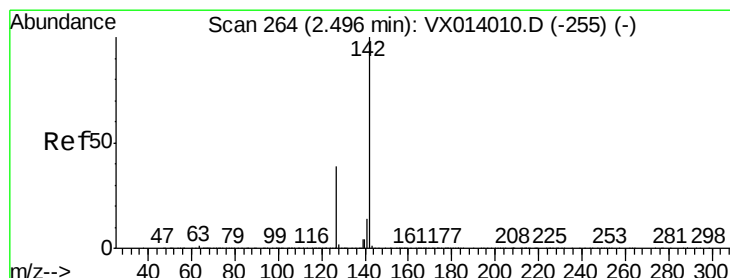
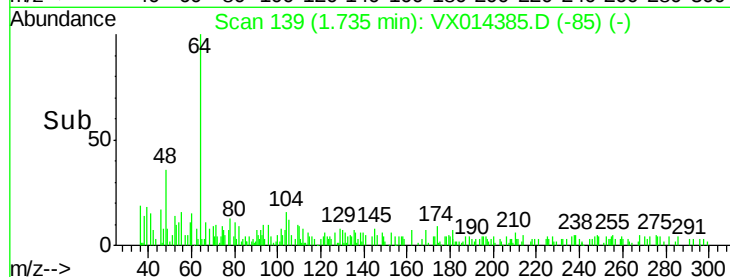
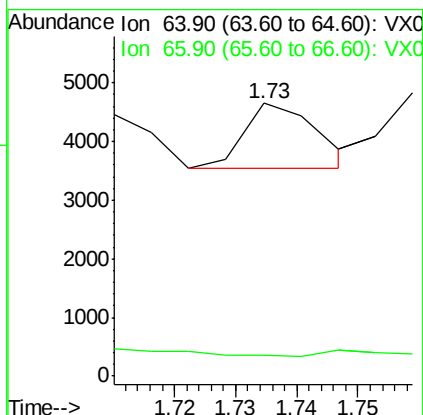
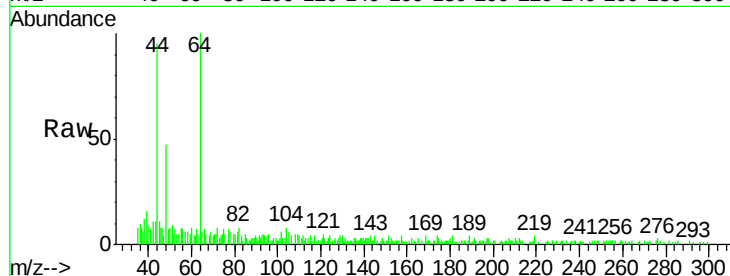
K500-1ME

Tgt Ion: 64 Resp: 922

Ion Ratio Lower Upper

64 100

66 0.0 23.4 35.2#



#10

Methyl Iodide

Concen: 2.688 ug/l

RT: 2.49 min Scan# 263

Delta R.T. -0.01 min

Lab File: VX014385.D

Acq: 31 Dec 2019 17:13

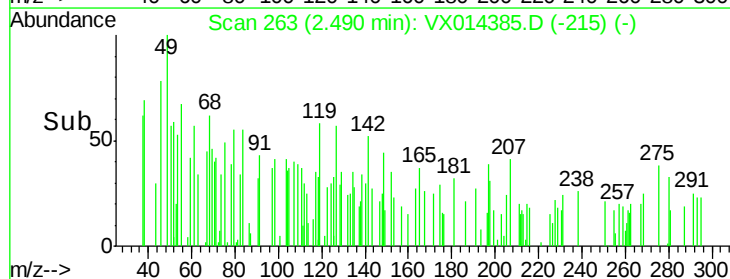
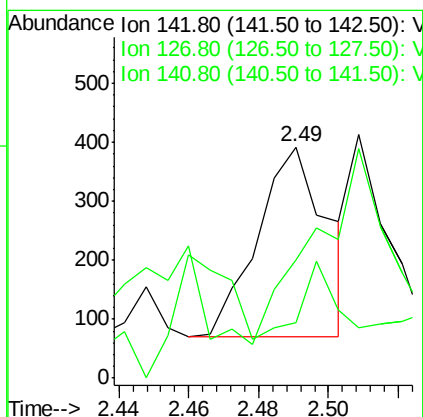
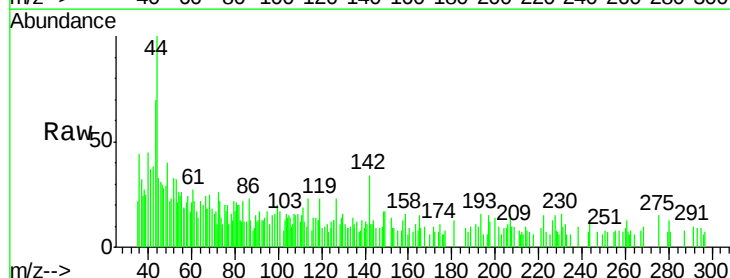
Tgt Ion: 142 Resp: 442

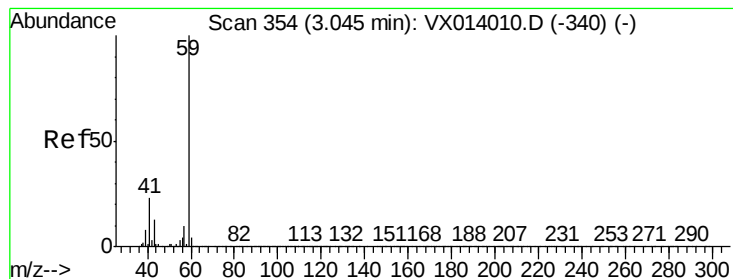
Ion Ratio Lower Upper

142 100

127 134.2 31.6 47.4#

141 26.9 11.6 17.4#





#11

Tert butyl alcohol

Concen: 8.876 ug/l

RT: 3.01 min Scan# 348

Delta R.T. -0.04 min

Lab File: VX014385.D

Acq: 31 Dec 2019 17:13

Instrument :

MSVOA_X

ClientSampleId :

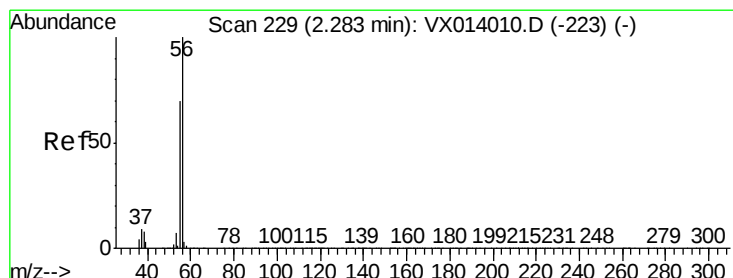
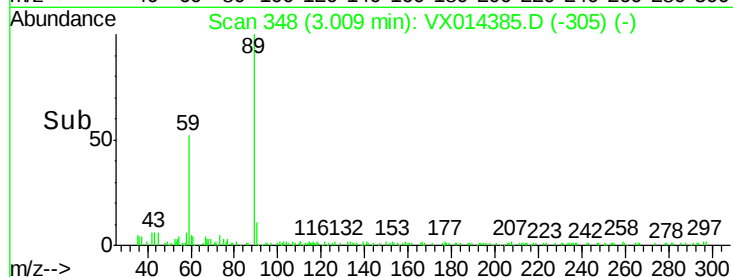
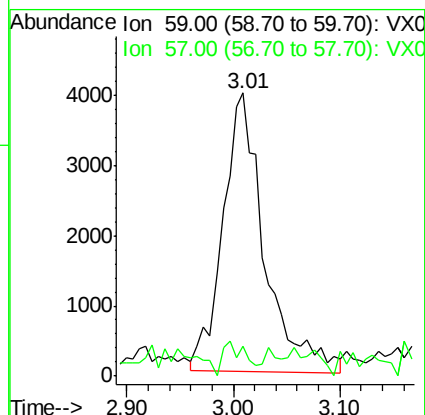
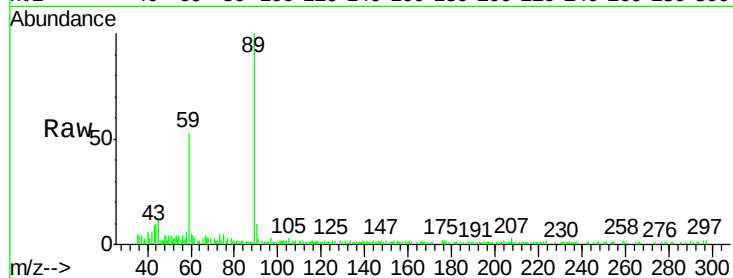
K500-1ME

Tgt Ion: 59 Resp: 10807

Ion Ratio Lower Upper

59 100

57 6.8 8.4 12.6#



#13

Acrolein

Concen: 0.616 ug/l

RT: 2.26 min Scan# 226

Delta R.T. -0.02 min

Lab File: VX014385.D

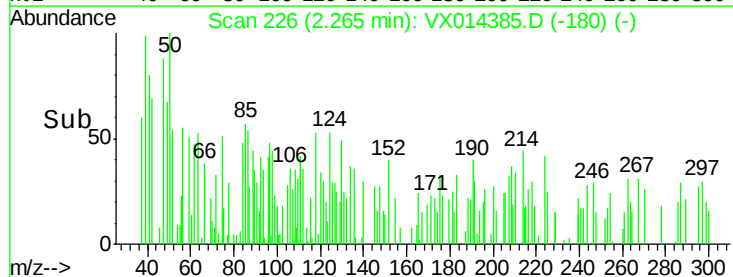
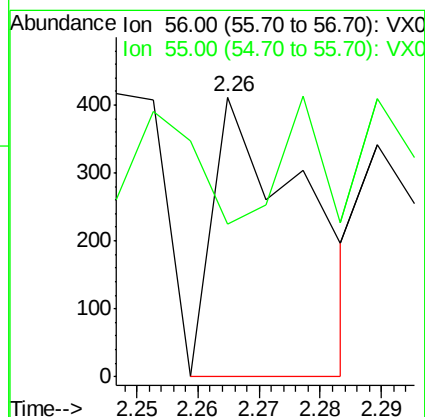
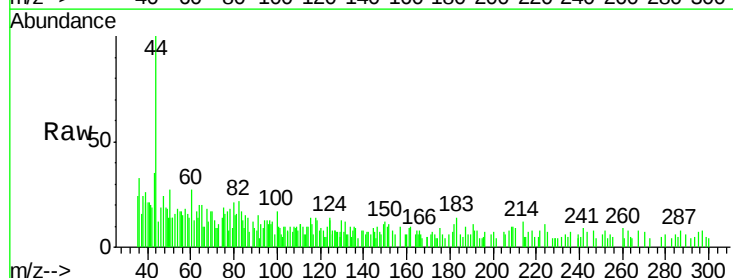
Acq: 31 Dec 2019 17:13

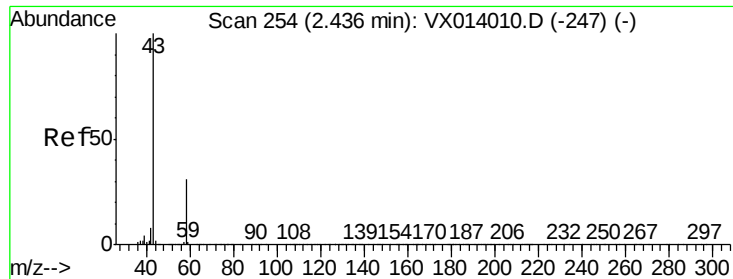
Tgt Ion: 56 Resp: 429

Ion Ratio Lower Upper

56 100

55 18.4 56.9 85.3#

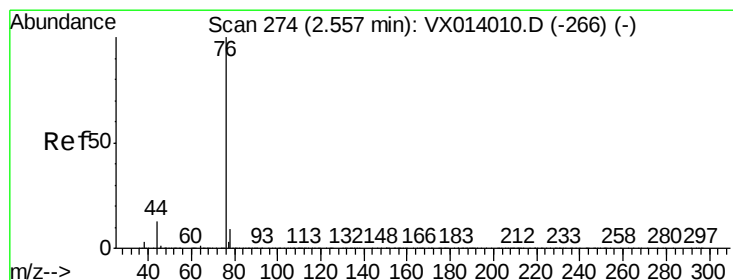
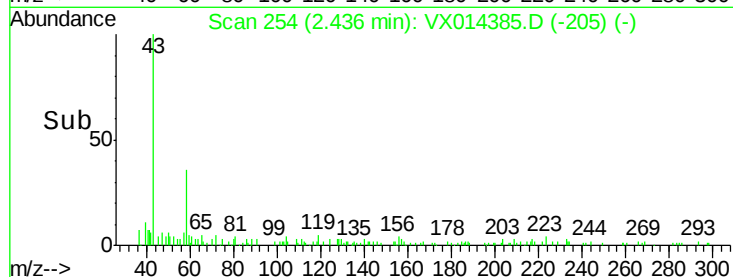
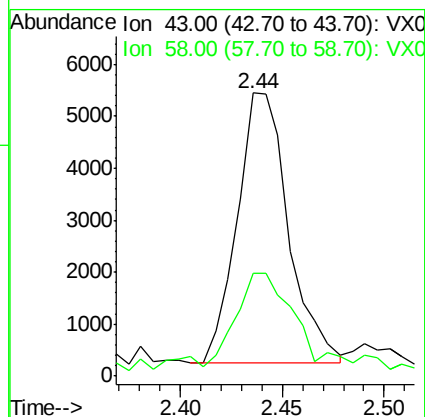
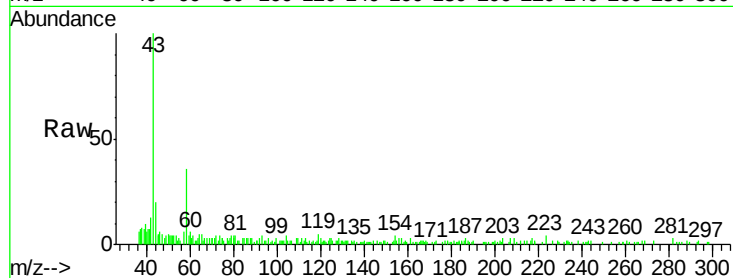




#16
Acetone
Concen: 2.466 ug/l
RT: 2.44 min Scan# 254
Delta R.T. 0.00 min
Lab File: VX014385.D
Acq: 31 Dec 2019 17:13

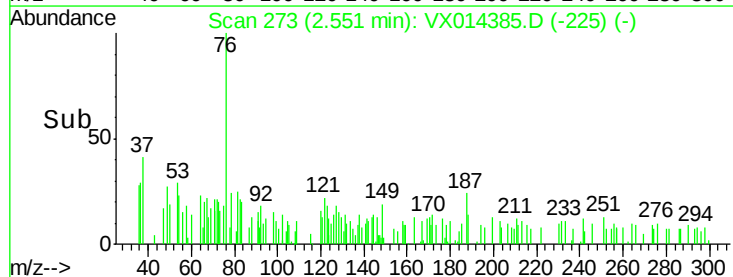
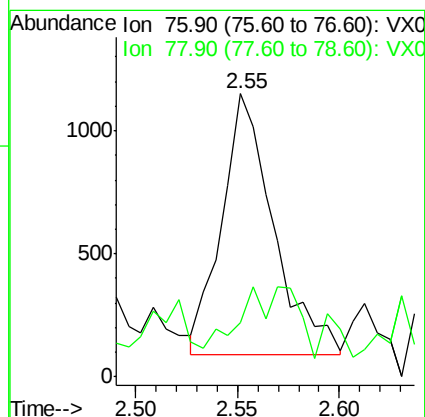
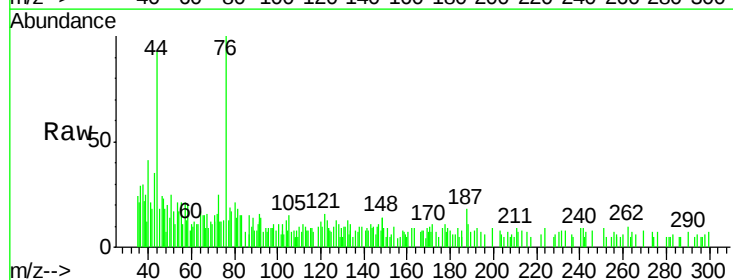
Instrument :
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ClientSampleId :
K500-1ME

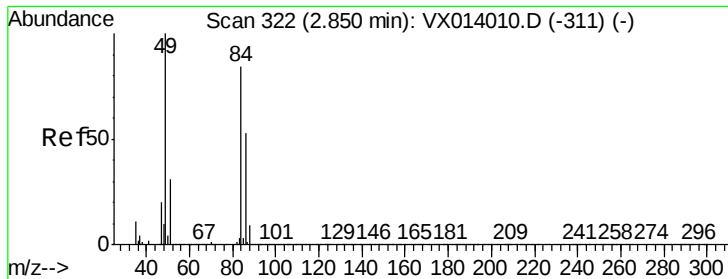
Tgt Ion: 43 Resp: 9021
Ion Ratio Lower Upper
43 100
58 30.9 24.9 37.3



#17
Carbon Disulfide
Concen: 0.888 ug/l
RT: 2.55 min Scan# 273
Delta R.T. -0.01 min
Lab File: VX014385.D
Acq: 31 Dec 2019 17:13

Tgt Ion: 76 Resp: 1856
Ion Ratio Lower Upper
76 100
78 26.7 7.2 10.8#





#20

Methylene Chloride

Concen: 0.578 ug/l

RT: 2.84 min Scan# 321

Delta R.T. -0.01 min

Lab File: VX014385.D

Acq: 31 Dec 2019 17:13

Instrument :

MSVOA_X

ClientSampleId :

K500-1ME

Tgt Ion: 84 Resp: 3332

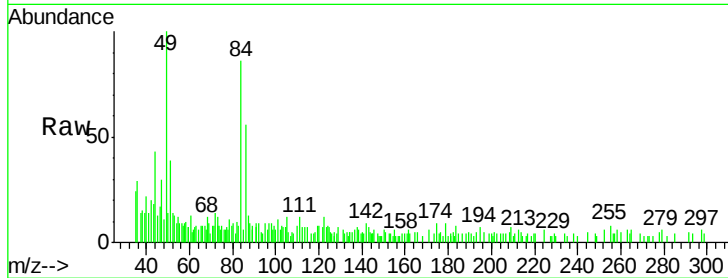
Ion Ratio Lower Upper

84 100

49 99.9 95.8 143.6

51 38.0 29.8 44.8

86 60.3 50.8 76.2

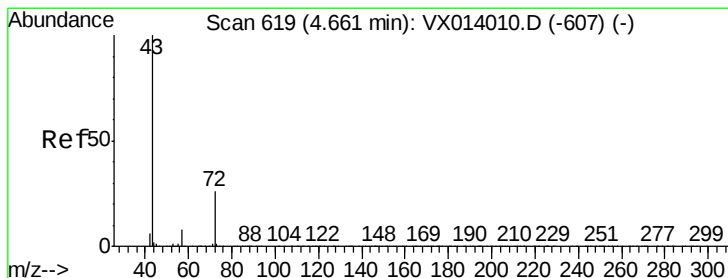
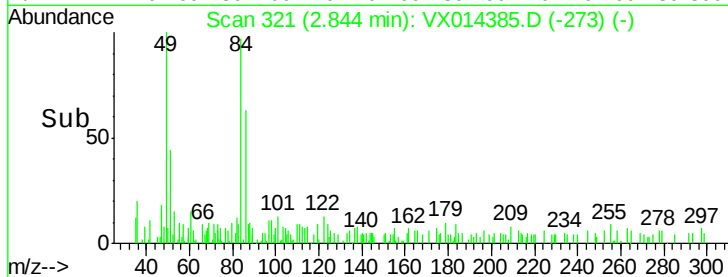
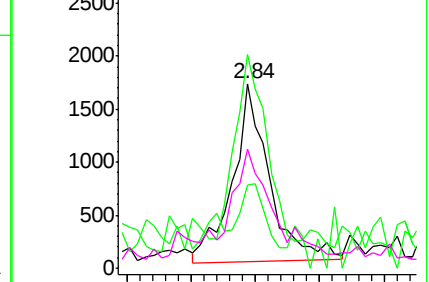


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#25

2-Butanone

Concen: 0.462 ug/l

RT: 4.69 min Scan# 624

Delta R.T. 0.03 min

Lab File: VX014385.D

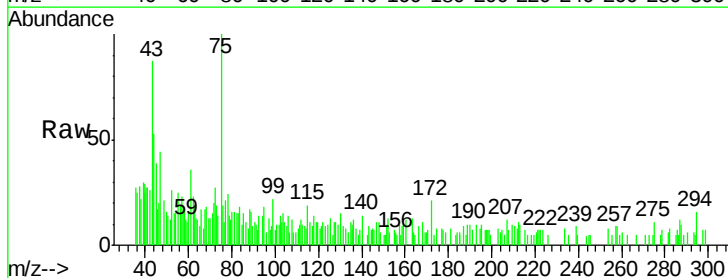
Acq: 31 Dec 2019 17:13

Tgt Ion: 43 Resp: 2083

Ion Ratio Lower Upper

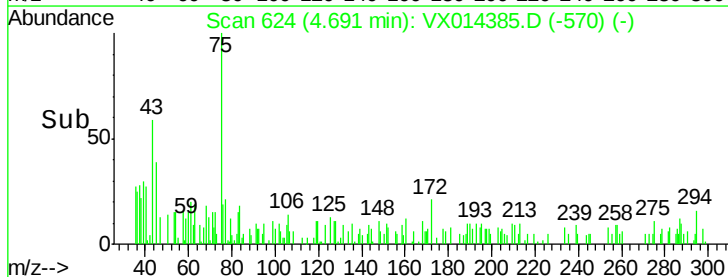
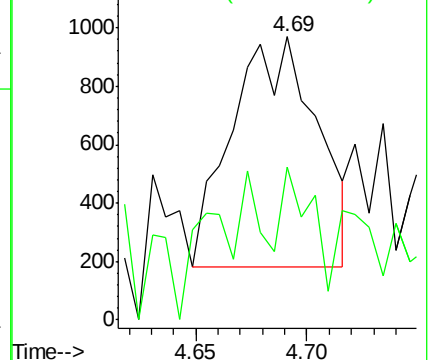
43 100

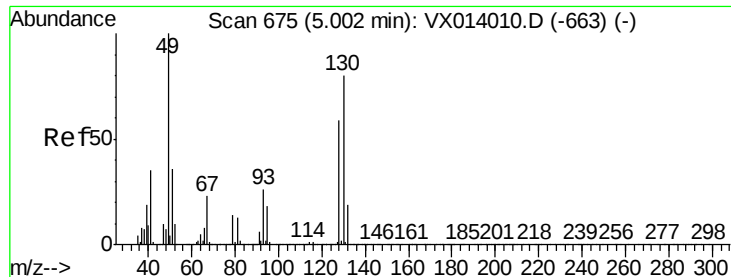
72 27.2 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#28

Bromochloromethane

Concen: 0.622 ug/l

RT: 5.00 min Scan# 674

Delta R.T. -0.01 min

Lab File: VX014385.D

Acq: 31 Dec 2019 17:13

Instrument :

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K500-1ME

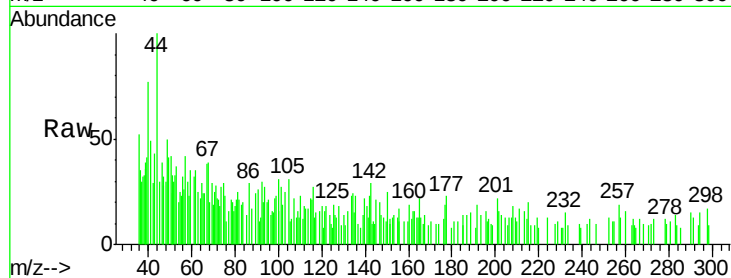
Tgt Ion: 49 Resp: 618

Ion Ratio Lower Upper

49 100

129 0.0 0.0 5.0

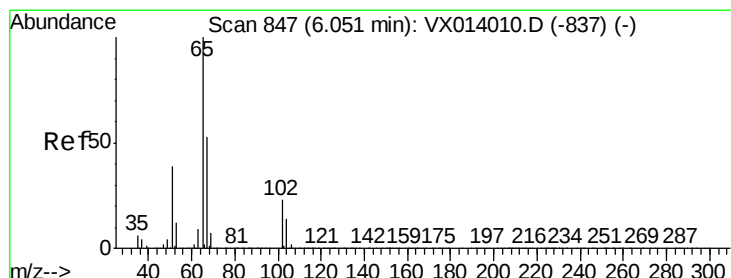
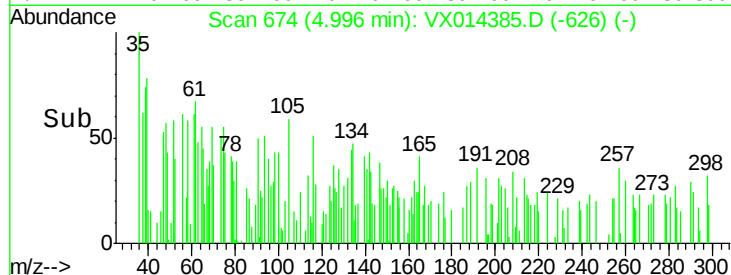
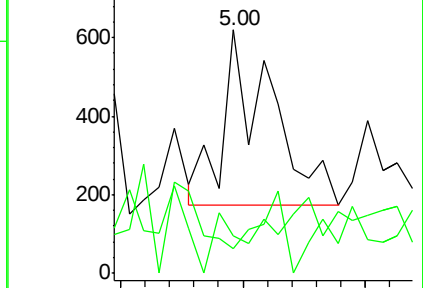
130 19.3 64.6 97.0#



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



#33

1,2-Dichloroethane-d4

Concen: 48.496 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014385.D

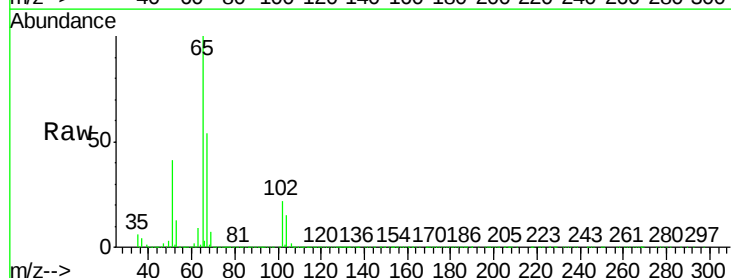
Acq: 31 Dec 2019 17:13

Tgt Ion: 65 Resp: 273262

Ion Ratio Lower Upper

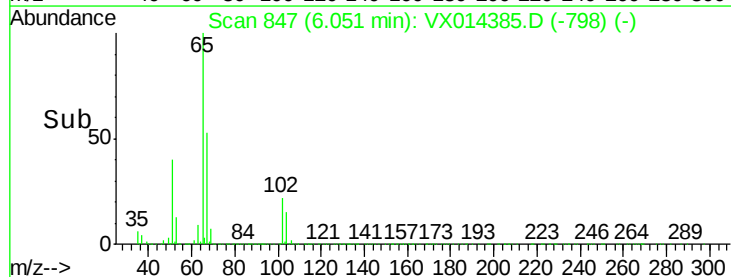
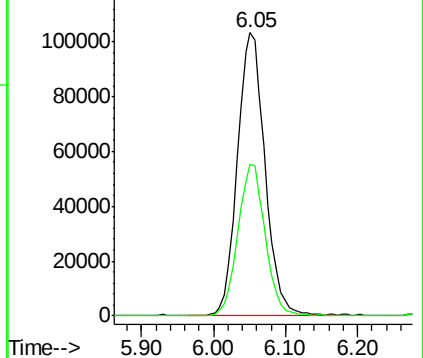
65 100

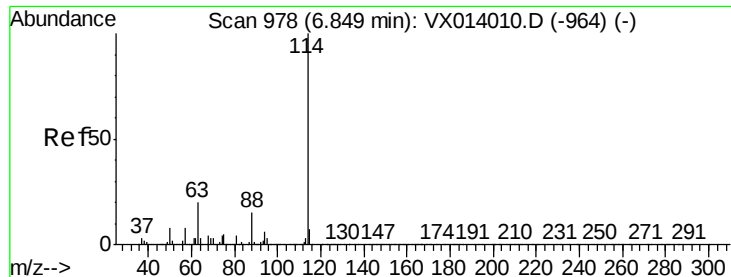
67 52.6 0.0 106.4



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: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014385.D

Acq: 31 Dec 2019 17:13

Instrument :

MSVOA_X

ClientSampleId :

K500-1ME

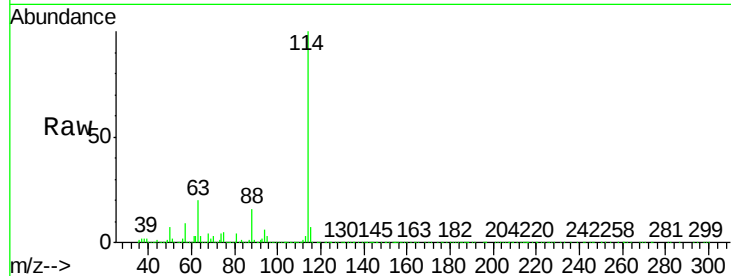
Tgt Ion:114 Resp: 764763

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.8

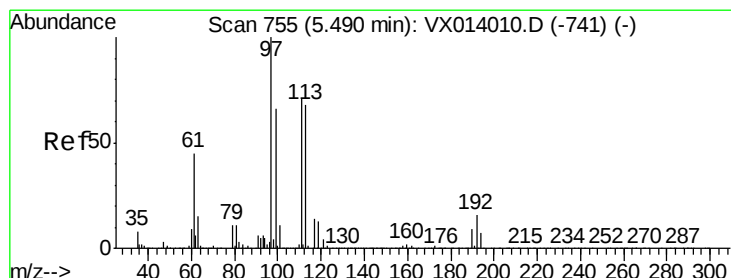
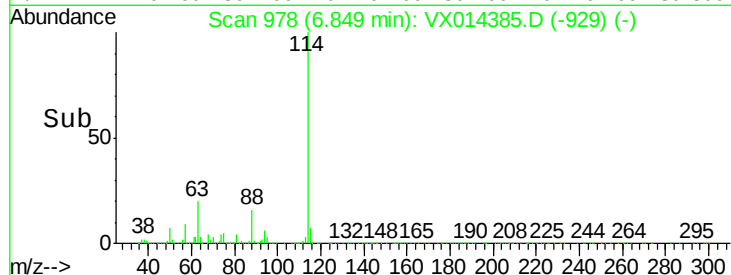
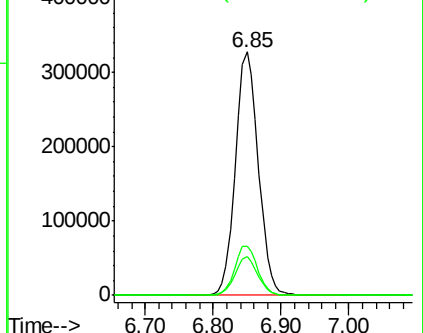
88 15.7 0.0 30.4



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: 47.539 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014385.D

Acq: 31 Dec 2019 17:13

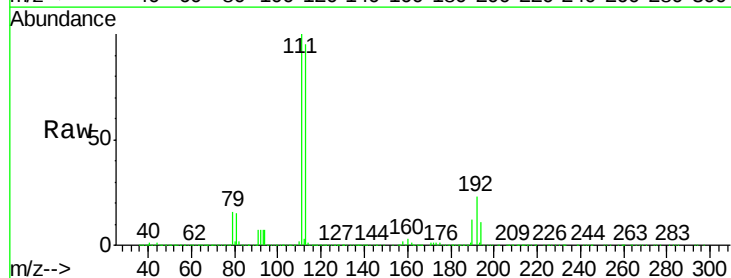
Tgt Ion:113 Resp: 221007

Ion Ratio Lower Upper

113 100

111 103.8 82.0 123.0

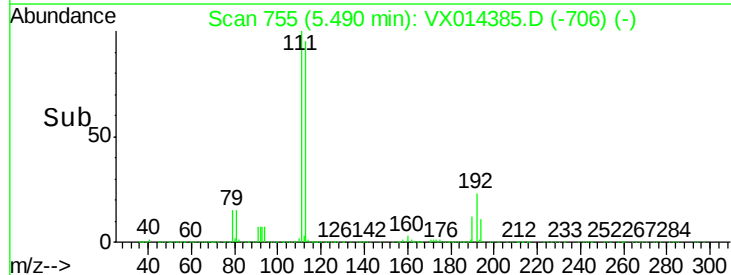
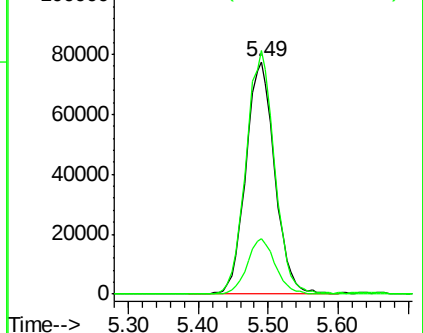
192 23.5 19.3 28.9

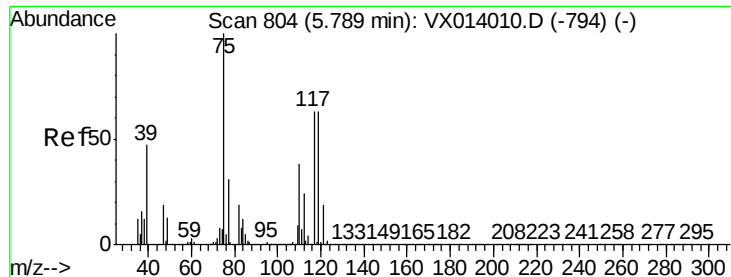


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

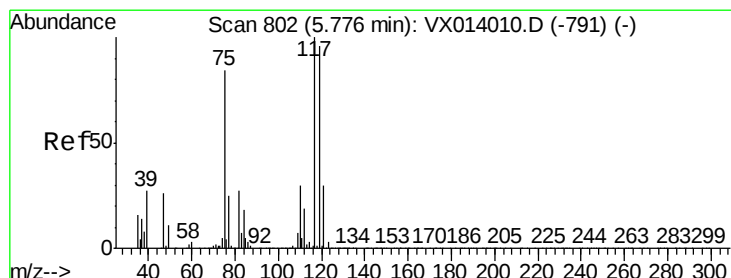
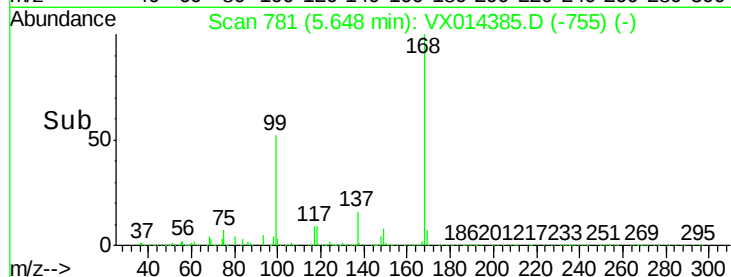
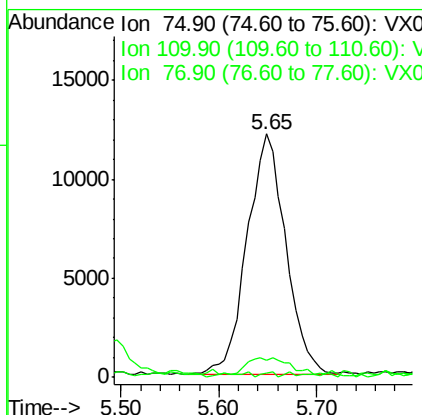
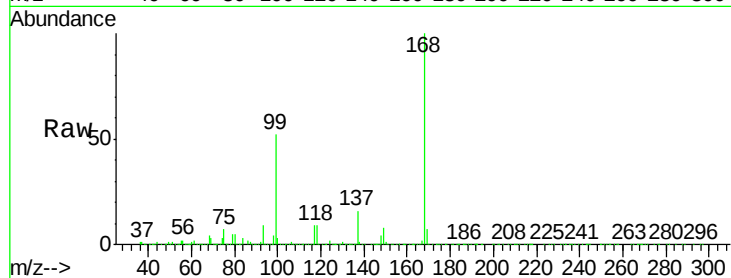




#36
 1,1-Dichloropropene
 Concen: 4.823 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.14 min
 Lab File: VX014385.D
 Acq: 31 Dec 2019 17:13

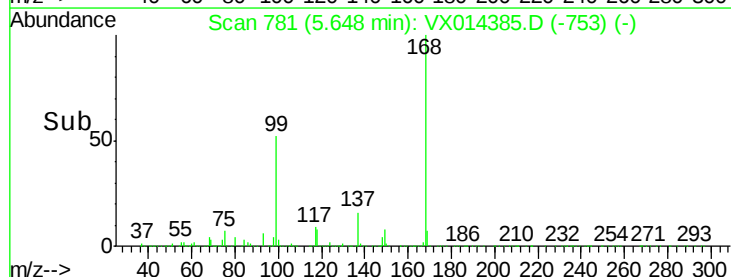
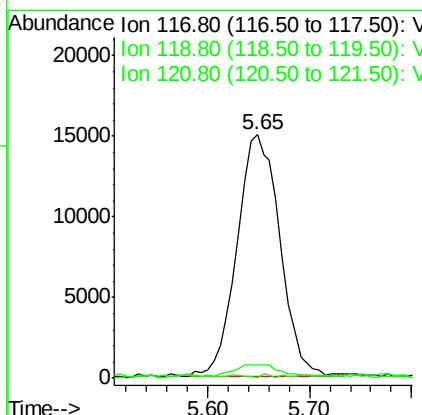
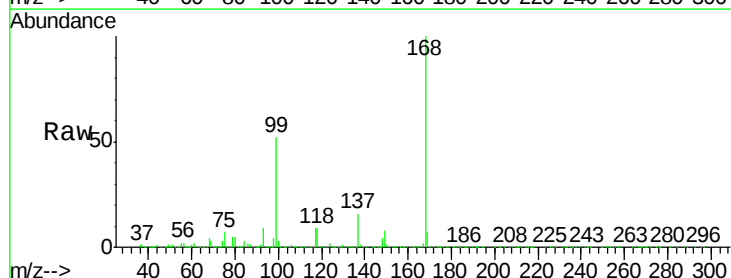
Instrument :
 MSVOA_X
 ClientSampleId :
 K500-1ME

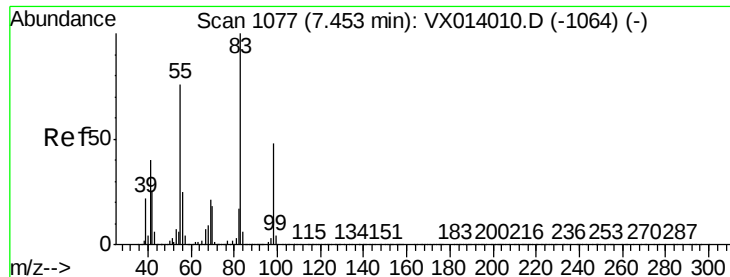
Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.6	18.3	54.9#
77	0.8	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 6.914 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.13 min
 Lab File: VX014385.D
 Acq: 31 Dec 2019 17:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.1	76.2	114.4#
121	0.2	23.6	35.4#

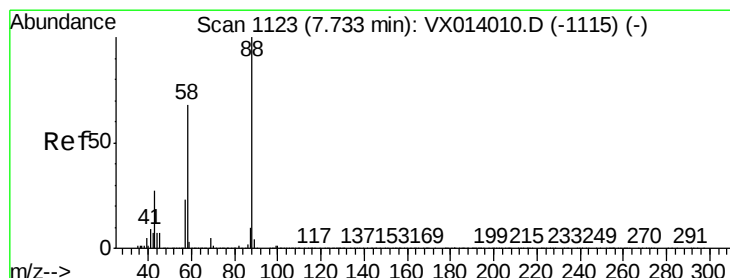
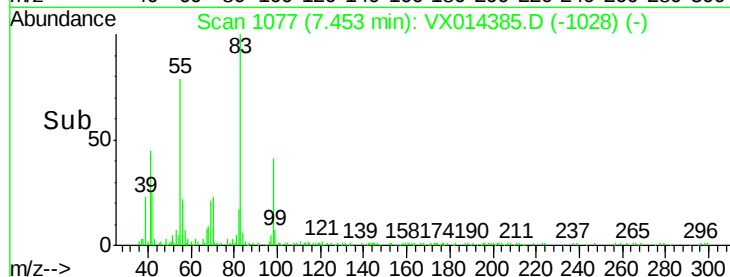
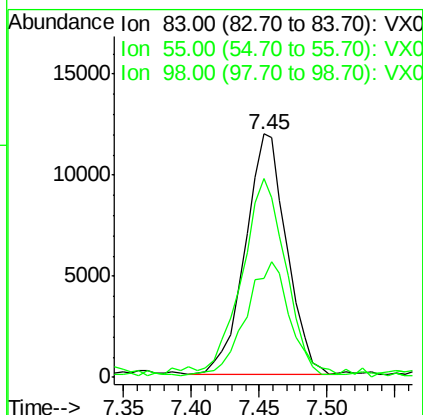
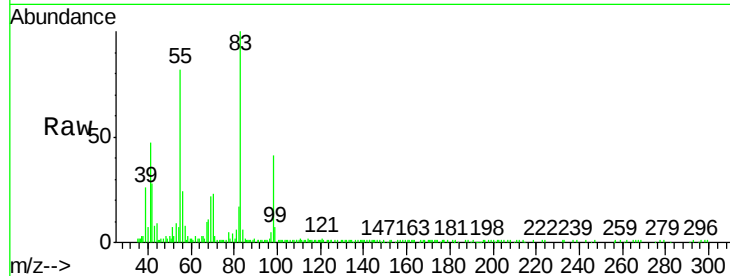




#39
Methylcyclohexane
Concen: 2.932 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX014385.D
Acq: 31 Dec 2019 17:13

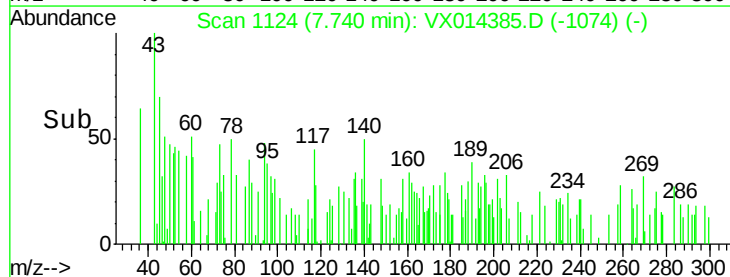
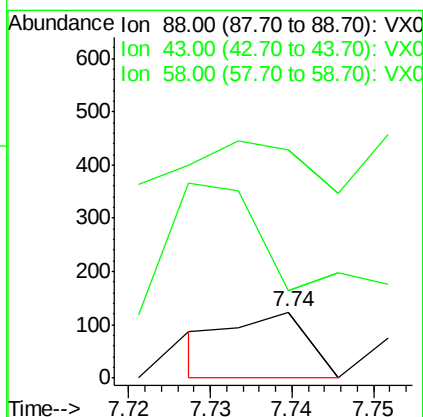
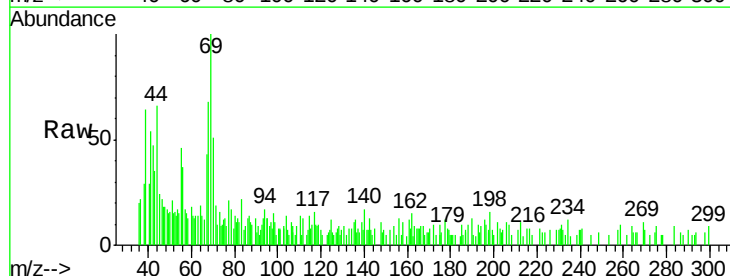
Instrument :
MSVOA_X
ClientSampleId :
K500-1ME

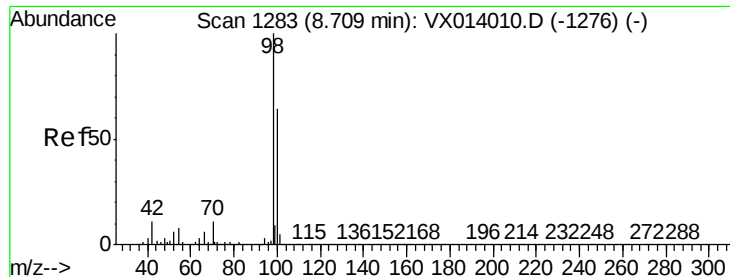
Tgt Ion	Ratio	Lower	Upper
83	100		
55	79.8	61.0	91.6
98	39.8	38.6	57.8



#49
1,4-Dioxane
Concen: 0.626 ug/l
RT: 7.74 min Scan# 1124
Delta R.T. 0.01 min
Lab File: VX014385.D
Acq: 31 Dec 2019 17:13

Tgt Ion	Ratio	Lower	Upper
88	100		
43	105.0	26.5	39.7#
58	303.8	56.8	85.2#





#50

Toluene-d8

Concen: 51.160 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014385.D

Acq: 31 Dec 2019 17:13

Instrument :

MSVOA_X

ClientSampleId :

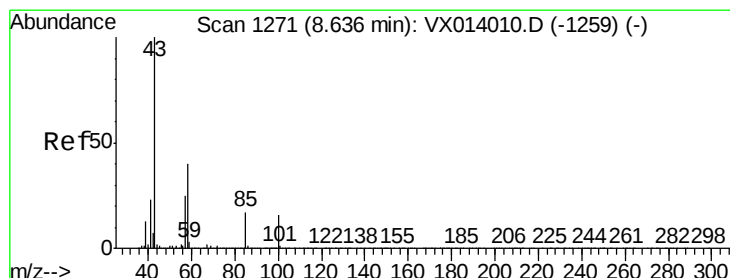
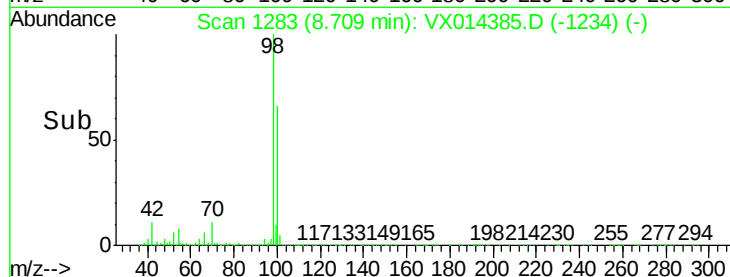
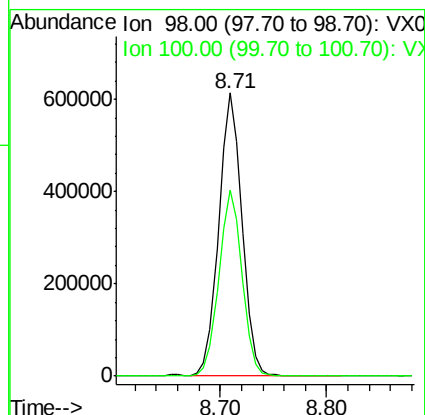
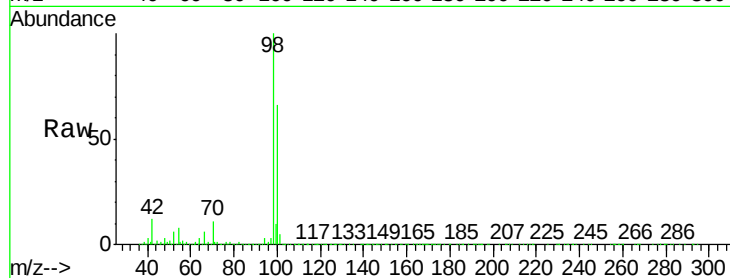
K500-1ME

Tgt Ion: 98 Resp: 925962

Ion Ratio Lower Upper

98 100

100 65.6 52.9 79.3



#51

4-Methyl-2-Pentanone

Concen: 0.829 ug/l

RT: 8.66 min Scan# 1275

Delta R.T. 0.02 min

Lab File: VX014385.D

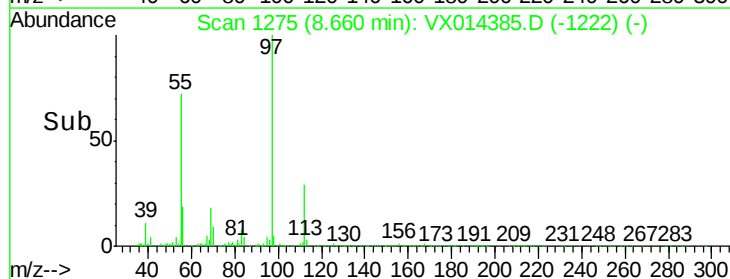
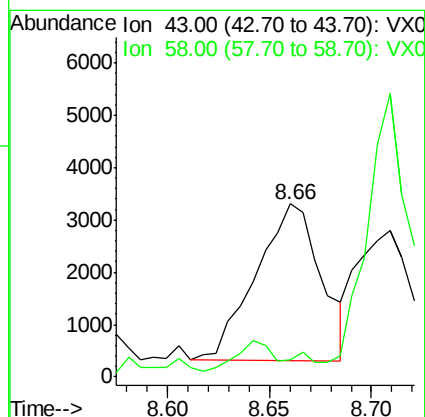
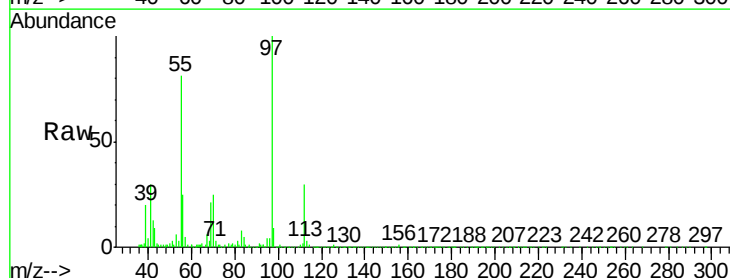
Acq: 31 Dec 2019 17:13

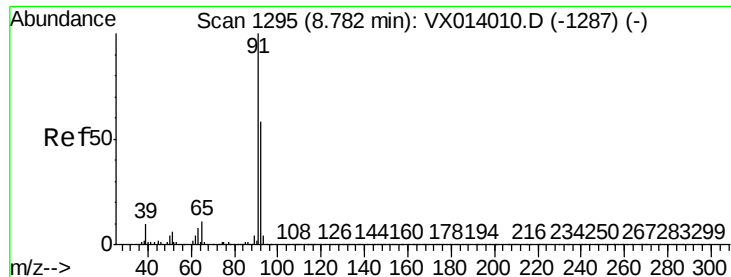
Tgt Ion: 43 Resp: 6680

Ion Ratio Lower Upper

43 100

58 11.2 32.2 48.2#





#52

Toluene

Concen: 0.296 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX014385.D

Acq: 31 Dec 2019 17:13

Instrument :

MSVOA_X

ClientSampleId :

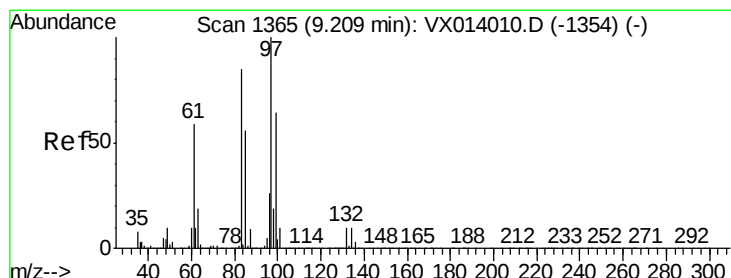
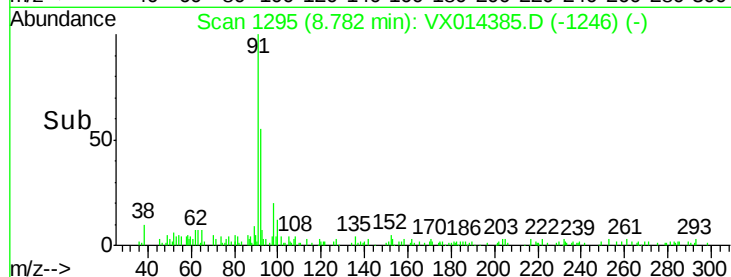
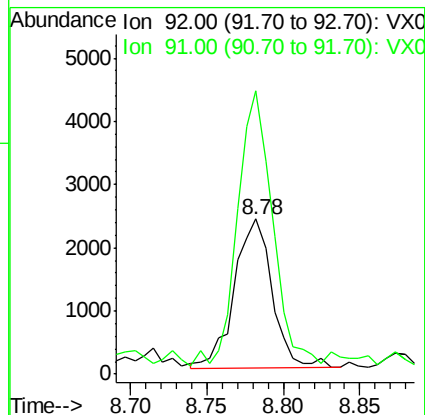
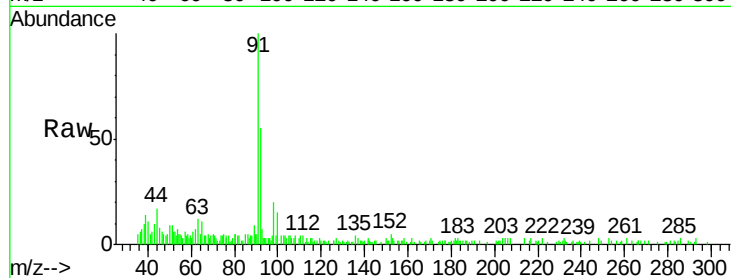
K500-1ME

Tgt Ion: 92 Resp: 4033

Ion Ratio Lower Upper

92 100

91 170.5 136.2 204.4



#55

1,1,2-Trichloroethane

Concen: 9.770 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. -0.05 min

Lab File: VX014385.D

Acq: 31 Dec 2019 17:13

Tgt Ion: 97 Resp: 53439

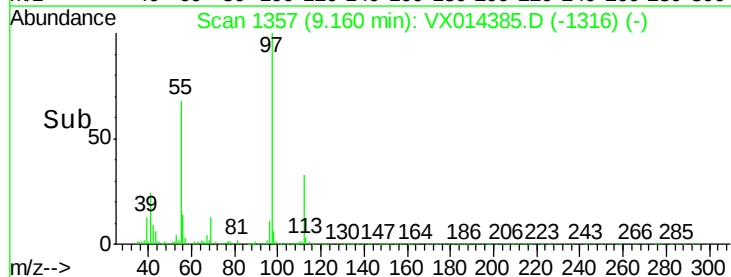
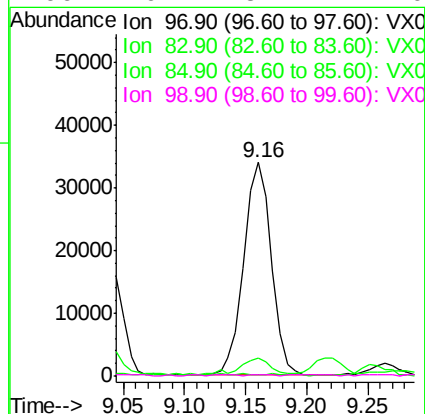
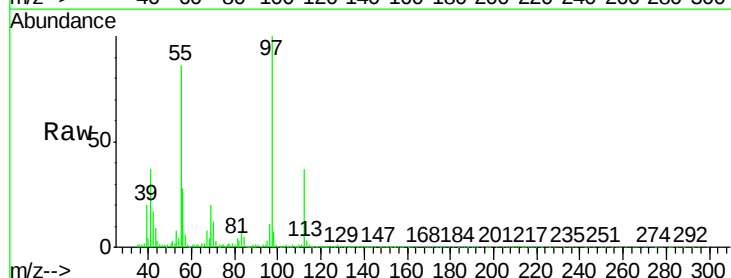
Ion Ratio Lower Upper

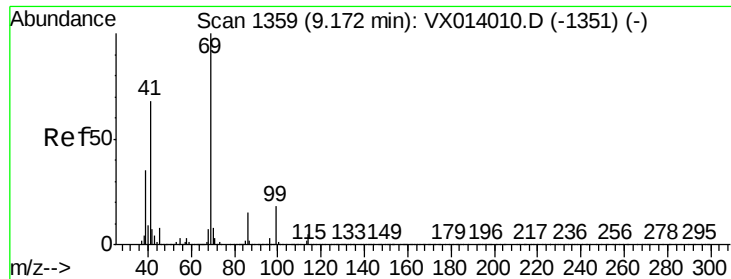
97 100

83 7.1 68.2 102.4#

85 0.0 44.6 66.8#

99 0.7 51.4 77.0#





#56

Ethyl methacrylate

Concen: 1.366 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. -0.01 min

Lab File: VX014385.D

Acq: 31 Dec 2019 17:13

Instrument :

MSVOA_X

ClientSampleId :

K500-1ME

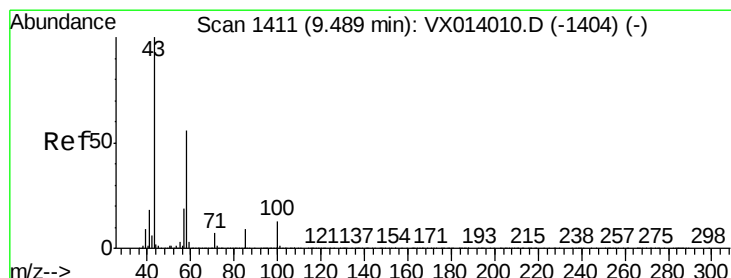
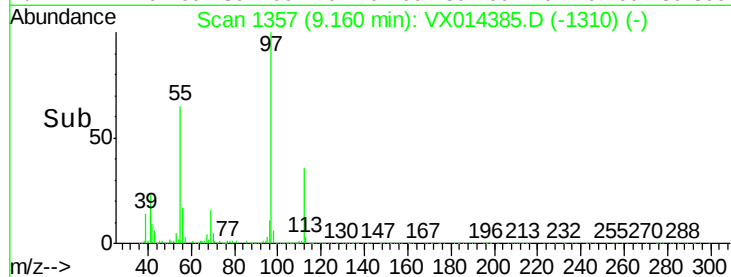
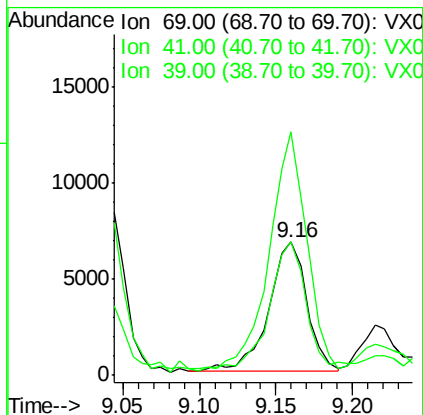
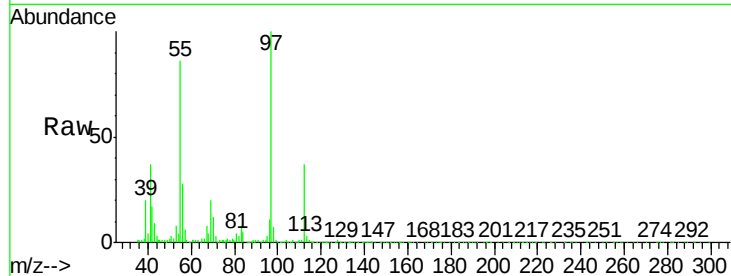
Tgt Ion: 69 Resp: 11737

Ion Ratio Lower Upper

69 100

41 175.4 54.8 82.2#

39 99.1 28.3 42.5#



#59

2-Hexanone

Concen: 9.207 ug/l

RT: 9.44 min Scan# 1403

Delta R.T. -0.05 min

Lab File: VX014385.D

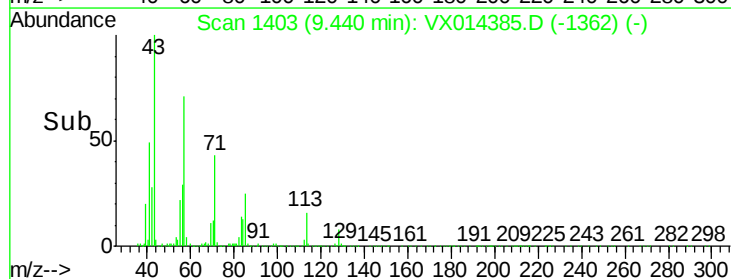
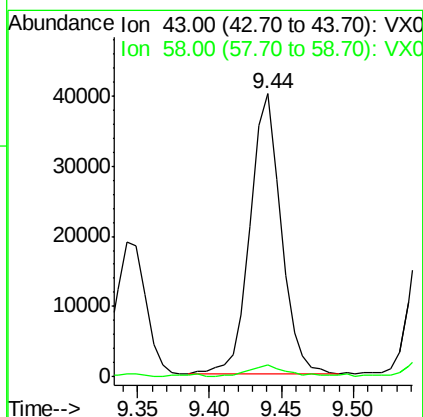
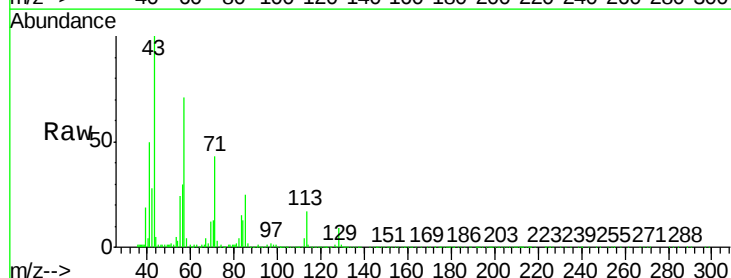
Acq: 31 Dec 2019 17:13

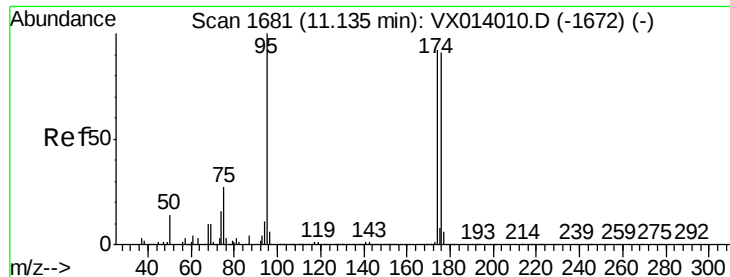
Tgt Ion: 43 Resp: 59692

Ion Ratio Lower Upper

43 100

58 4.7 28.0 84.0#





#62

4-Bromofluorobenzene

Concen: 53.803 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX014385.D

Acq: 31 Dec 2019 17:13

Instrument :

MSVOA_X

ClientSampleId :

K500-1ME

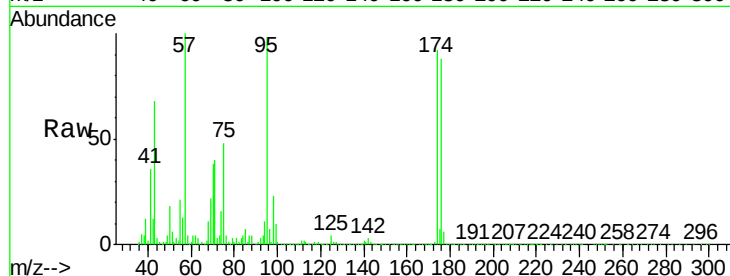
Tgt Ion: 95 Resp: 355965

Ion Ratio Lower Upper

95 100

174 86.4 0.0 175.8

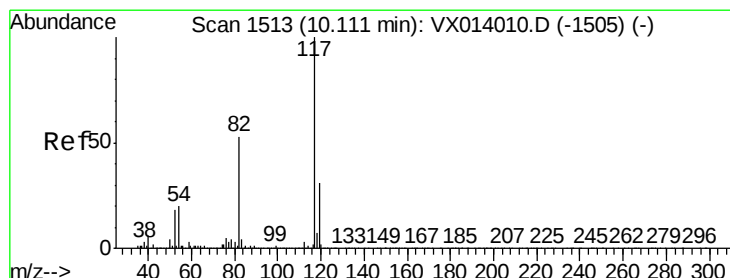
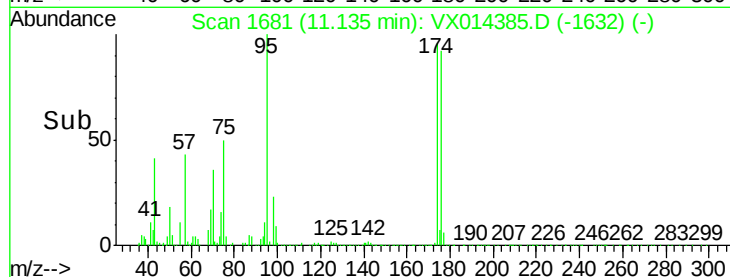
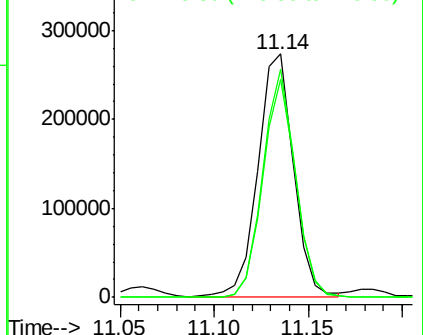
176 83.3 0.0 173.0



Abundance Ion 94.90 (94.60 to 95.60): VX014010.D (-1672) (-)

Ion 173.80 (173.50 to 174.50): VX014010.D (-1672) (-)

Ion 175.80 (175.50 to 176.50): VX014010.D (-1672) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX014385.D

Acq: 31 Dec 2019 17:13

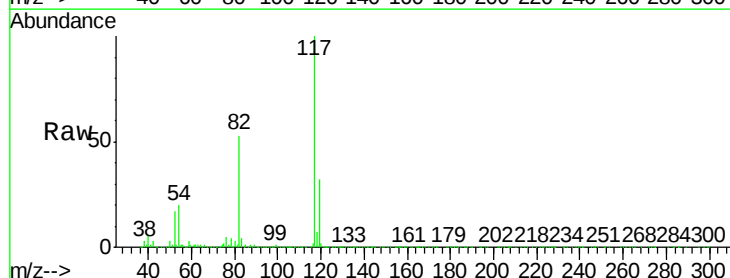
Tgt Ion: 117 Resp: 718694

Ion Ratio Lower Upper

117 100

82 52.0 42.2 63.4

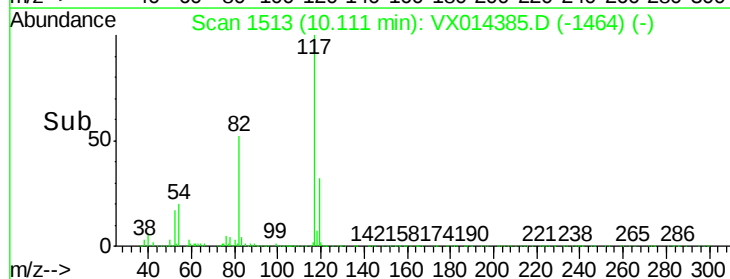
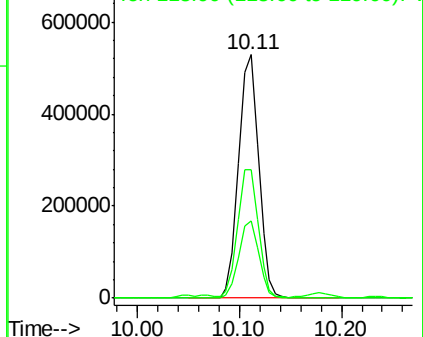
119 31.7 25.1 37.7

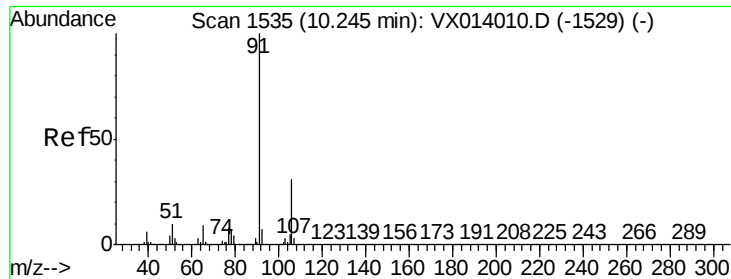


Abundance Ion 116.90 (116.60 to 117.60): VX014010.D (-1505) (-)

Ion 82.00 (81.70 to 82.70): VX014010.D (-1505) (-)

Ion 118.90 (118.60 to 119.60): VX014010.D (-1505) (-)

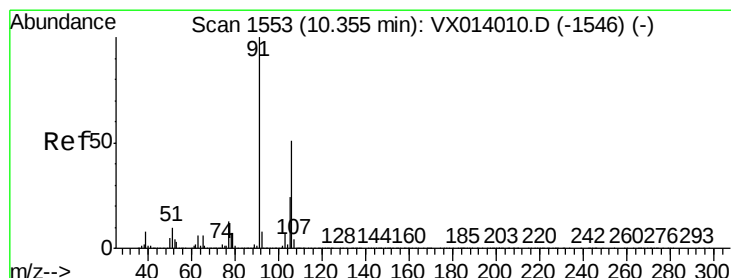
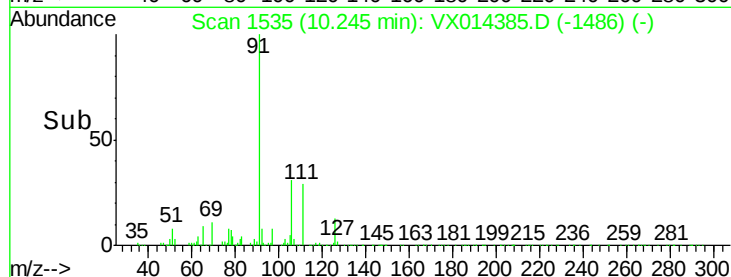
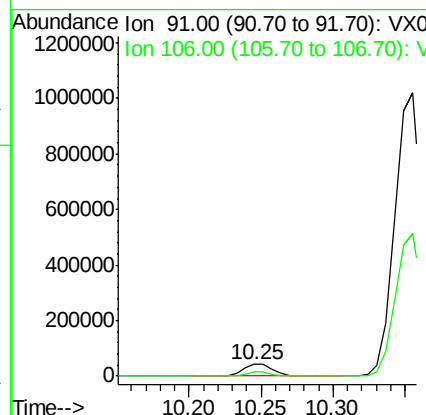
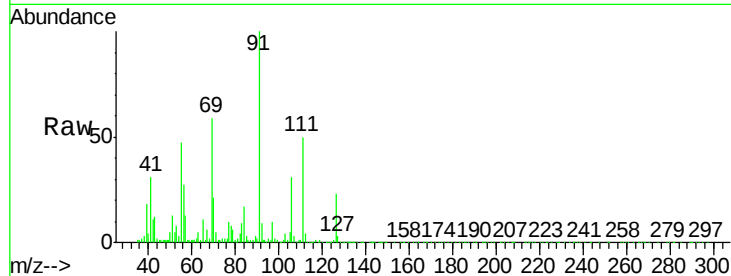




#67
Ethyl Benzene
Concen: 2.265 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014385.D
Acq: 31 Dec 2019 17:13

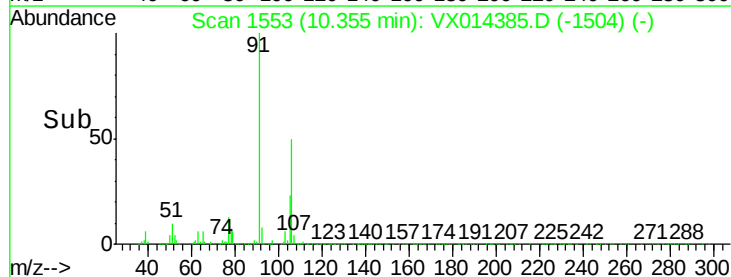
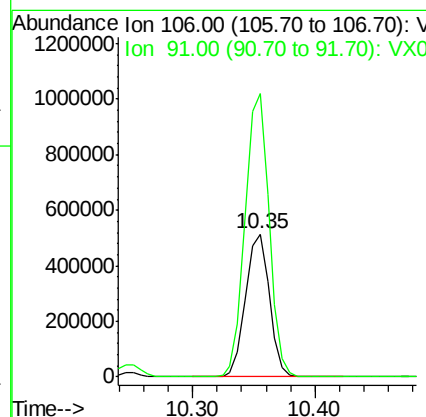
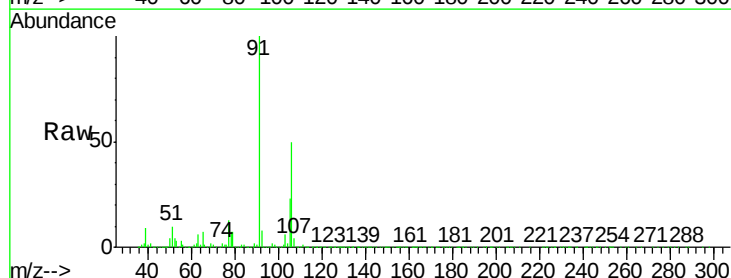
Instrument :
MSVOA_X
ClientSampled :
K500-1ME

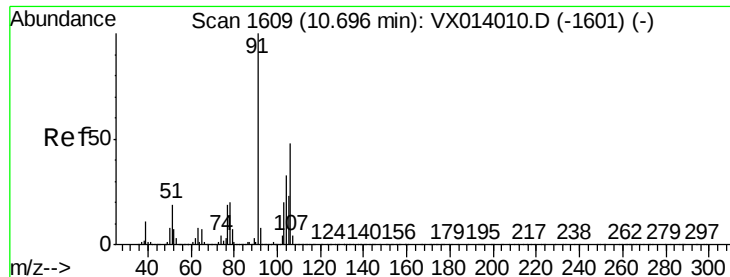
Tgt Ion: 91 Resp: 59506
Ion Ratio Lower Upper
91 100
106 31.2 25.0 37.6



#68
m/p-Xylenes
Concen: 68.759 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014385.D
Acq: 31 Dec 2019 17:13

Tgt Ion: 106 Resp: 694781
Ion Ratio Lower Upper
106 100
91 199.0 158.6 238.0

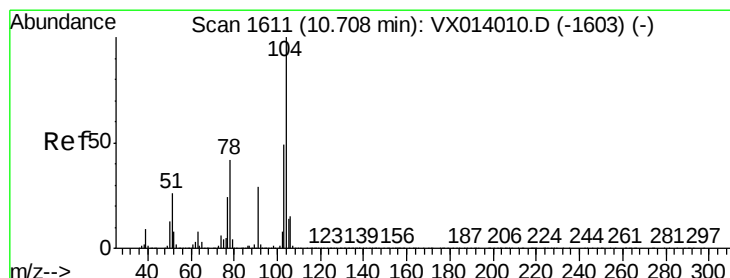
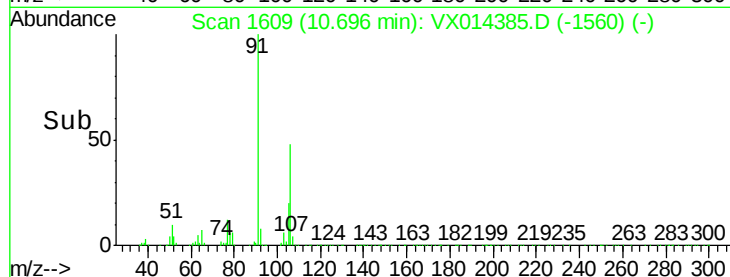
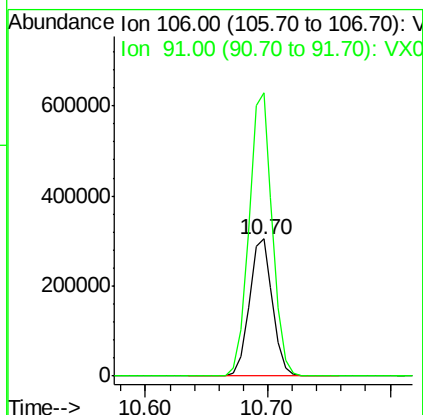
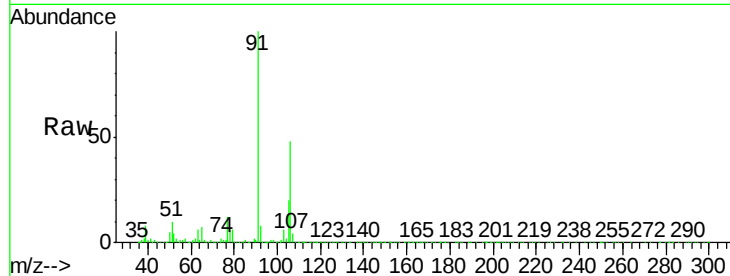




#69
o-Xylene
Concen: 40.353 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014385.D
Acq: 31 Dec 2019 17:13

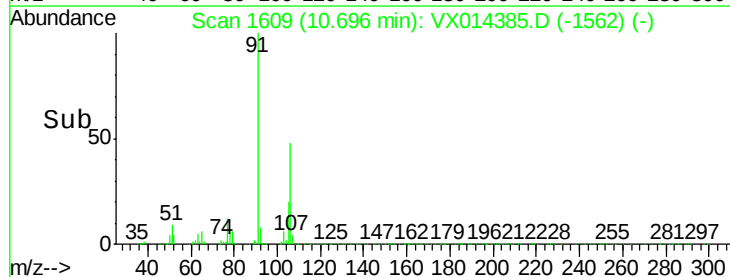
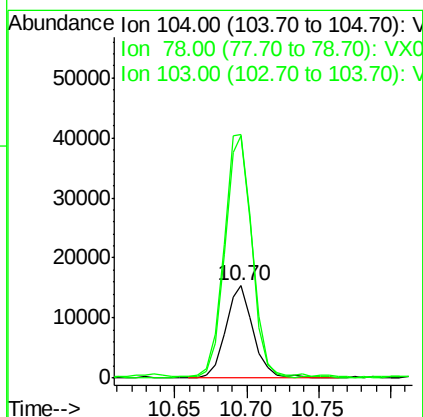
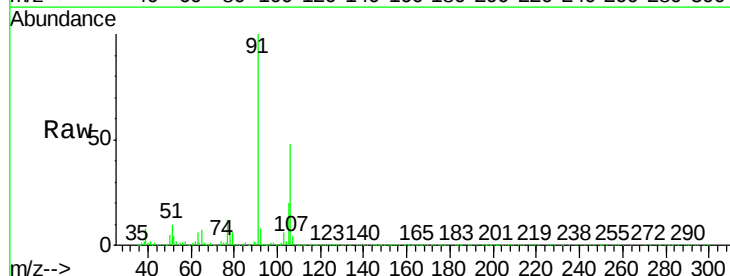
Instrument :
MSVOA_X
ClientSampleId :
K500-1ME

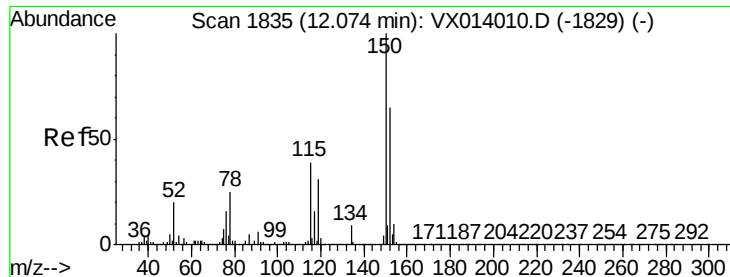
Tgt Ion:106 Resp: 399900
Ion Ratio Lower Upper
106 100
91 207.1 104.2 312.6



#70
Styrene
Concen: 1.245 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.01 min
Lab File: VX014385.D
Acq: 31 Dec 2019 17:13

Tgt Ion:104 Resp: 20865
Ion Ratio Lower Upper
104 100
78 262.3 38.5 57.7#
103 258.0 42.9 64.3#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014385.D

Acq: 31 Dec 2019 17:13

Instrument :

MSVOA_X

ClientSampleId :

K500-1ME

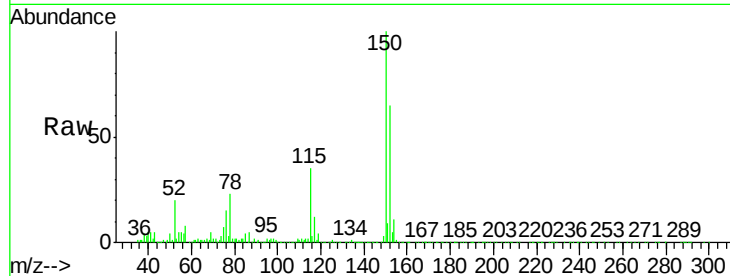
Tgt Ion:152 Resp: 368934

Ion Ratio Lower Upper

152 100

115 56.9 38.3 114.9

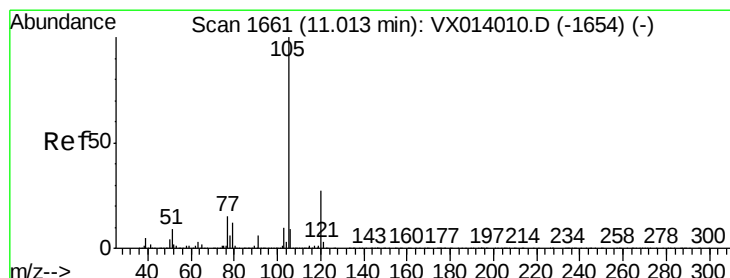
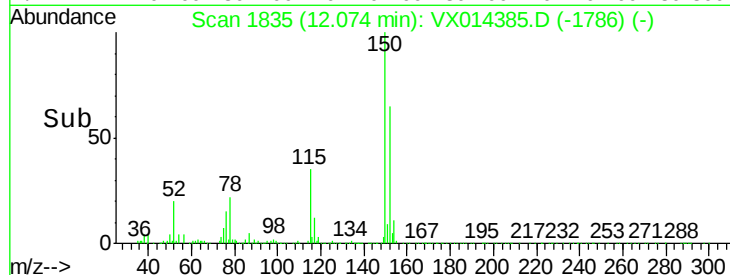
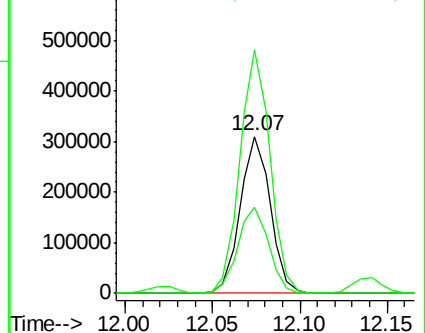
150 155.8 0.0 345.4



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: 2.178 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014385.D

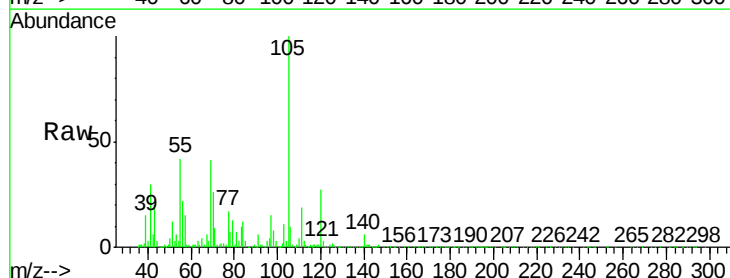
Acq: 31 Dec 2019 17:13

Tgt Ion:105 Resp: 56568

Ion Ratio Lower Upper

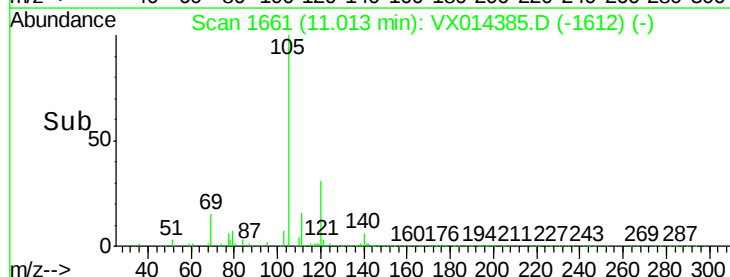
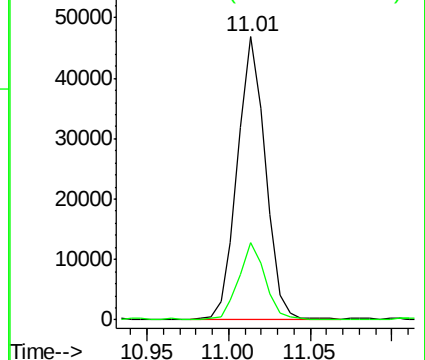
105 100

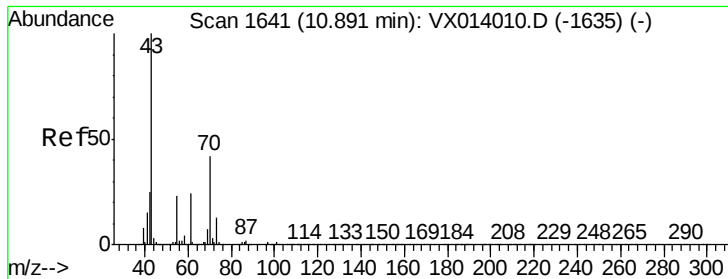
120 26.1 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 7.066 ug/l

RT: 10.91 min Scan# 1644

Delta R.T. 0.02 min

Lab File: VX014385.D

Acq: 31 Dec 2019 17:13

Instrument :

MSVOA_X

ClientSampleId :

K500-1ME

Tgt Ion: 43 Resp: 86032

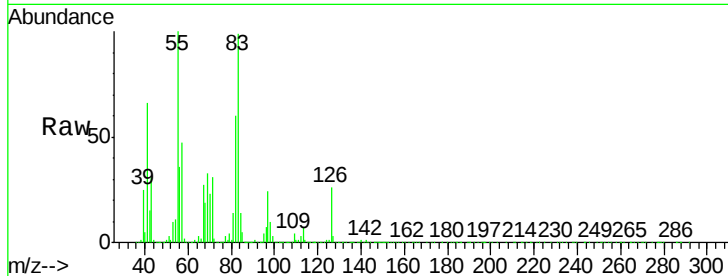
Ion Ratio Lower Upper

43 100

70 30.7 34.4 51.6#

55 346.2 19.1 28.7#

61 0.0 19.7 29.5#

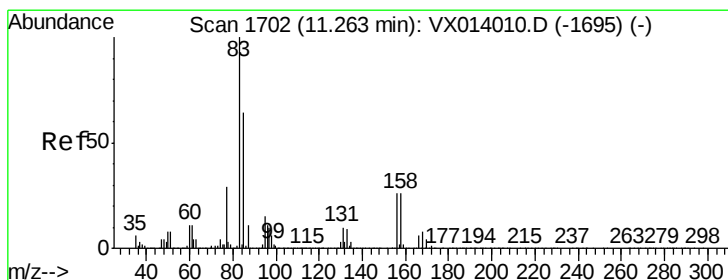
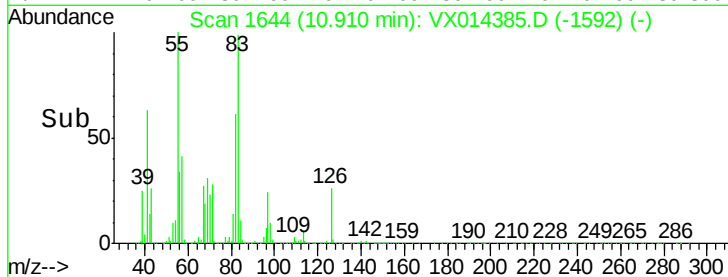
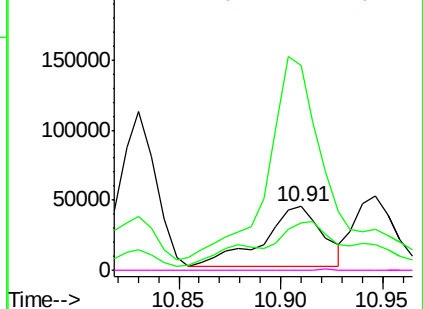


Abundance Ion 43.00 (42.70 to 43.70): VX0

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



#75

1,1,2,2-Tetrachloroethane

Concen: 2.571 ug/l

RT: 11.27 min Scan# 1703

Delta R.T. 0.01 min

Lab File: VX014385.D

Acq: 31 Dec 2019 17:13

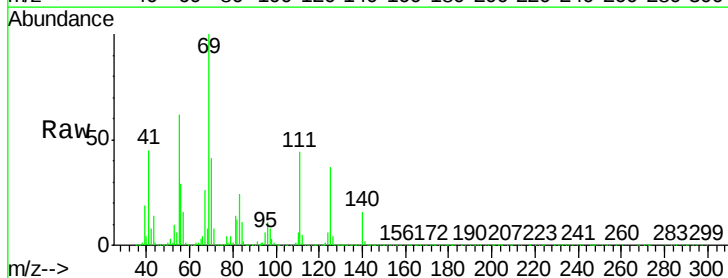
Tgt Ion: 83 Resp: 23153

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.2#

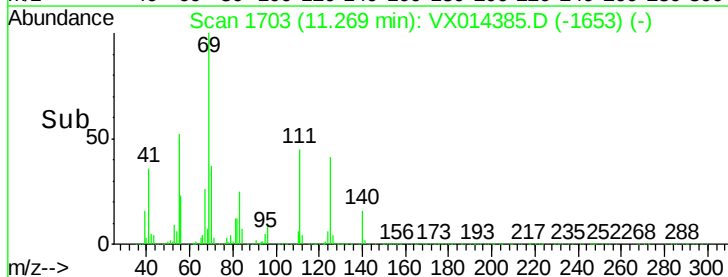
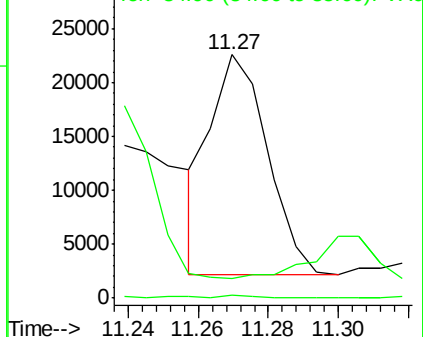
85 0.0 31.9 95.7#

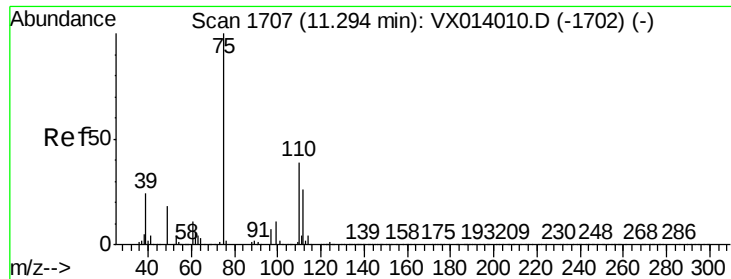


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

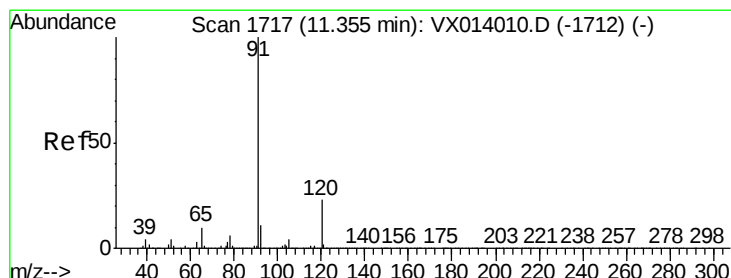
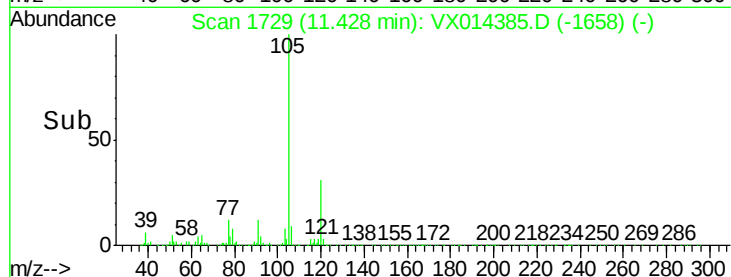
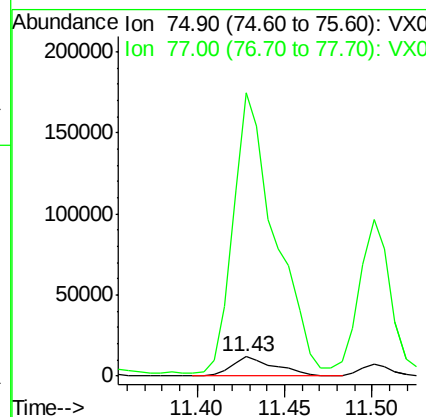
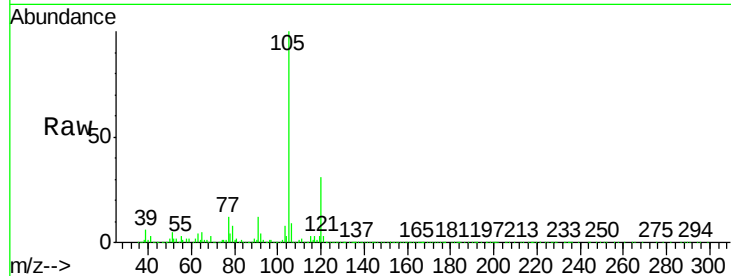




#76
 1,2,3-Trichloropropane
 Concen: 2.494 ug/l
 RT: 11.43 min Scan# 1729
 Delta R.T. 0.13 min
 Lab File: VX014385.D
 Acq: 31 Dec 2019 17:13

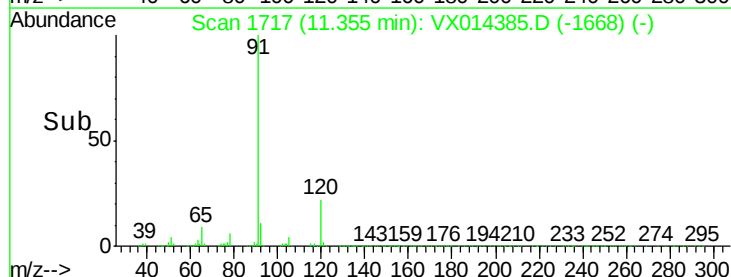
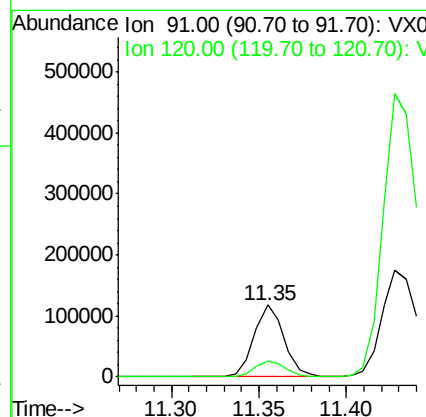
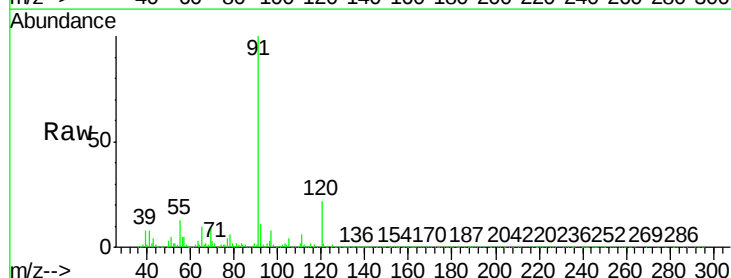
Instrument :
 MSVOA_X
 ClientSampleId :
 K500-1ME

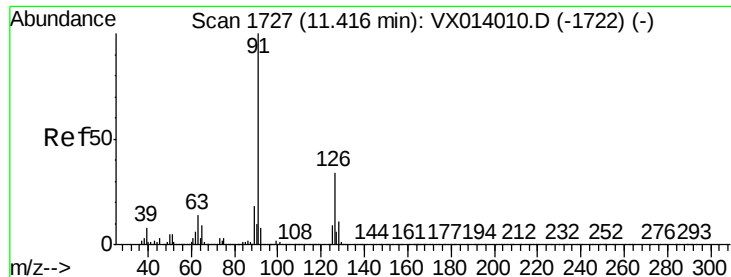
Tgt Ion: 75 Resp: 19978
 Ion Ratio Lower Upper
 75 100
 77 1439.1 19.3 57.8#



#78
 n-propylbenzene
 Concen: 4.819 ug/l
 RT: 11.35 min Scan# 1717
 Delta R.T. 0.00 min
 Lab File: VX014385.D
 Acq: 31 Dec 2019 17:13

Tgt Ion: 91 Resp: 140394
 Ion Ratio Lower Upper
 91 100
 120 22.2 11.7 35.0





#79

2-Chlorotoluene

Concen: 16.541 ug/l

RT: 11.43 min Scan# 1729

Delta R.T. 0.01 min

Lab File: VX014385.D

Acq: 31 Dec 2019 17:13

Instrument :

MSVOA_X

ClientSampleId :

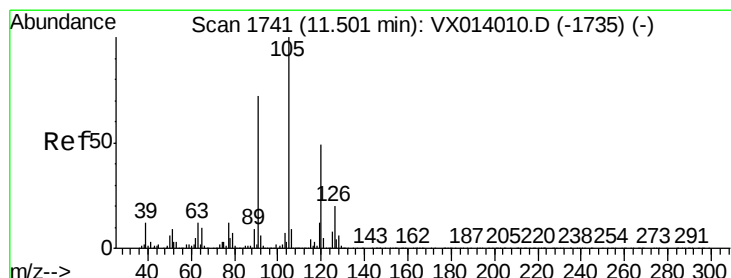
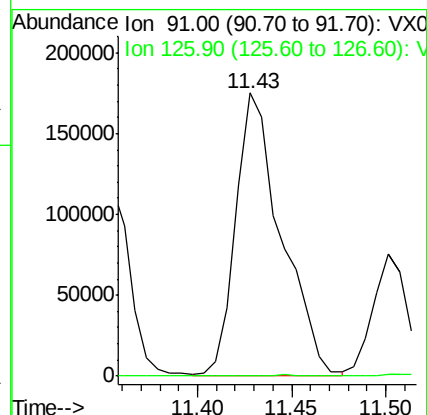
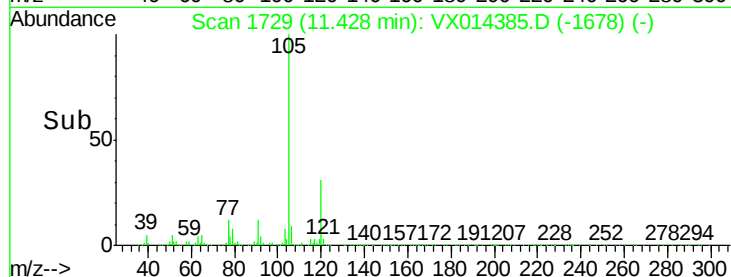
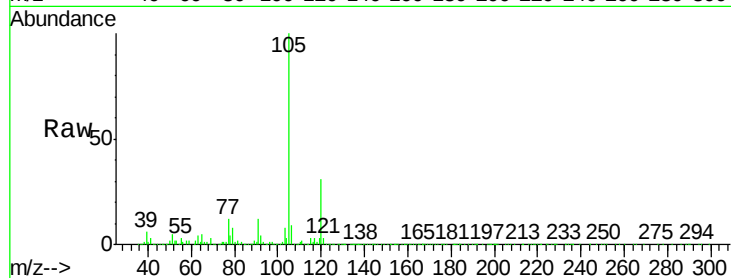
K500-1ME

Tgt Ion: 91 Resp: 292971

Ion Ratio Lower Upper

91 100

126 0.3 17.2 51.6#



#80

1,3,5-Trimethylbenzene

Concen: 41.319 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014385.D

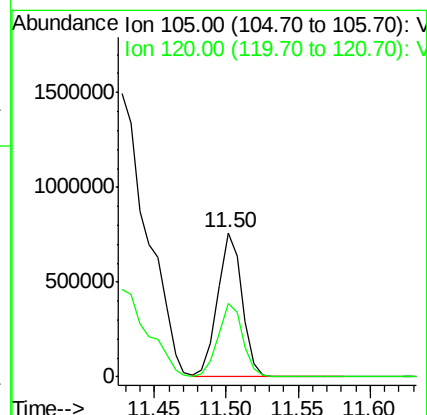
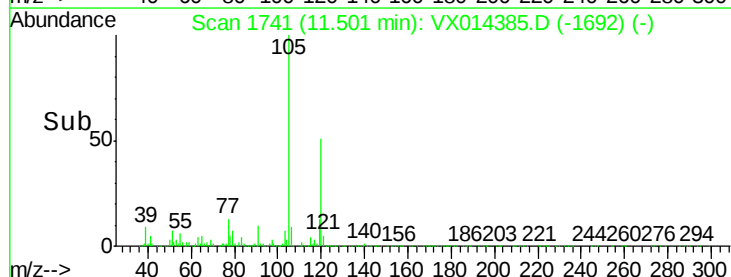
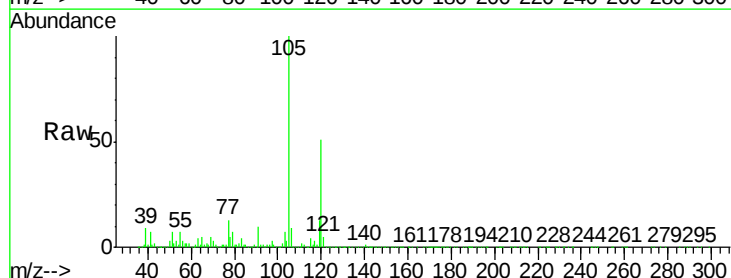
Acq: 31 Dec 2019 17:13

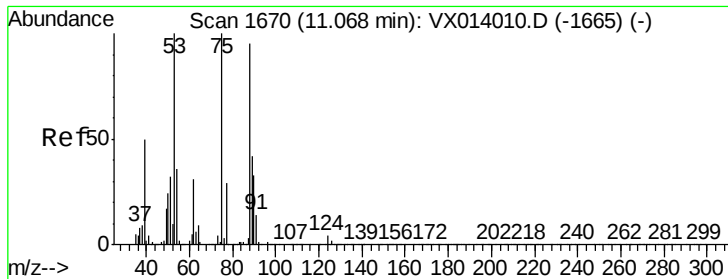
Tgt Ion: 105 Resp: 903292

Ion Ratio Lower Upper

105 100

120 51.1 25.3 75.8

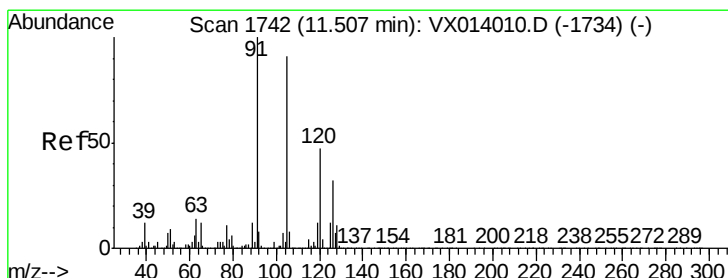
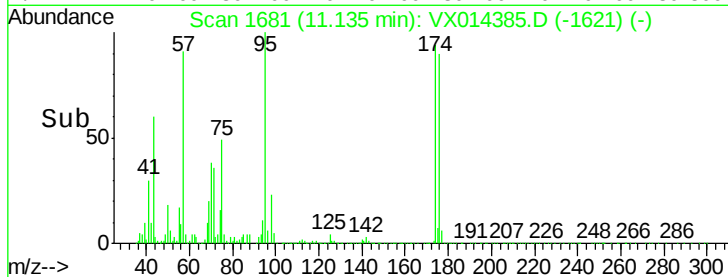
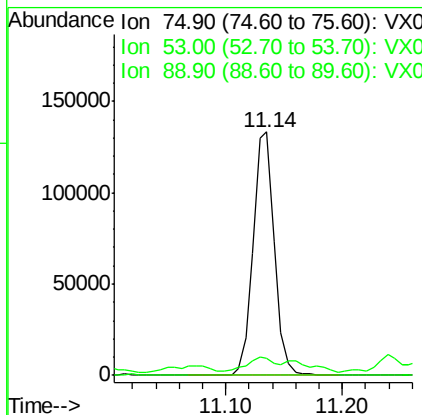
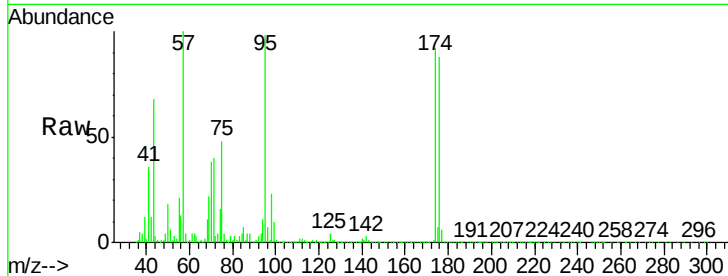




#81
trans-1,4-Dichloro-2-butene
Concen: 59.402 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.07 min
Lab File: VX014385.D
Acq: 31 Dec 2019 17:13

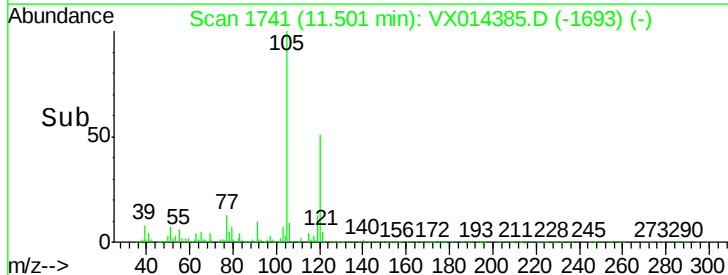
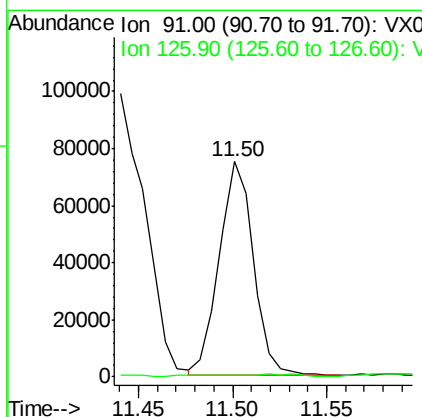
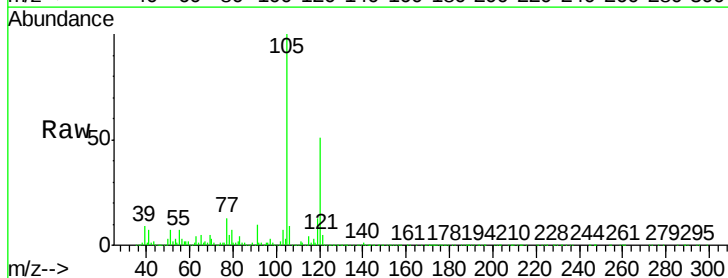
Instrument :
MSVOA_X
ClientSampleId :
K500-1ME

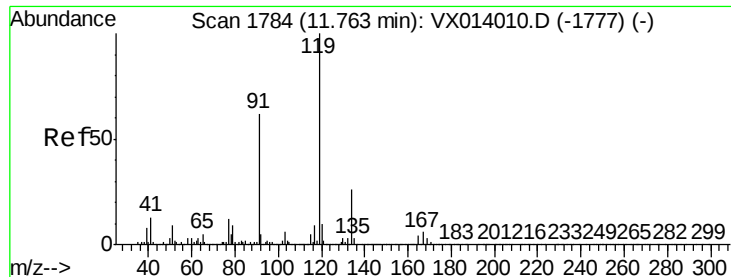
Tgt Ion: 75 Resp: 168566
Ion Ratio Lower Upper
75 100
53 7.8 76.7 115.1#
89 0.1 34.6 51.8#



#82
4-Chlorotoluene
Concen: 4.591 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.01 min
Lab File: VX014385.D
Acq: 31 Dec 2019 17:13

Tgt Ion: 91 Resp: 94328
Ion Ratio Lower Upper
91 100
126 0.0 15.6 46.8#

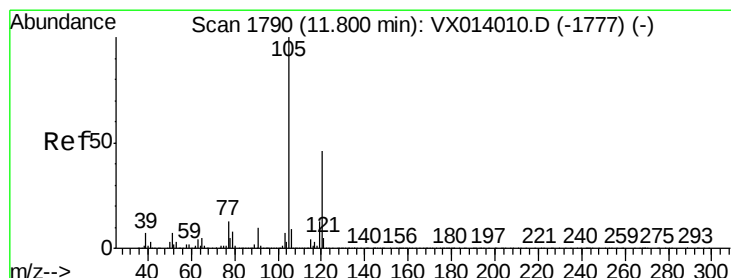
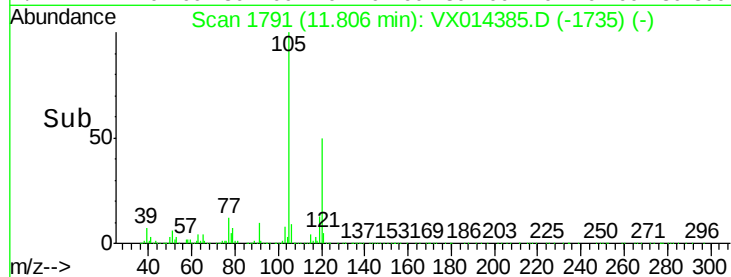
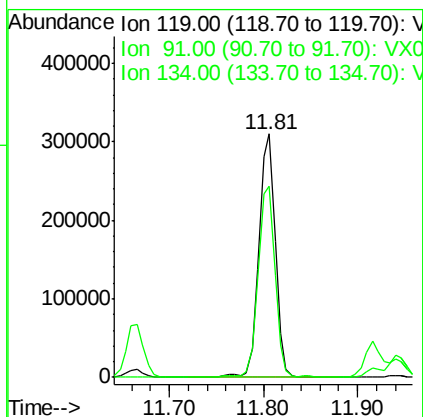
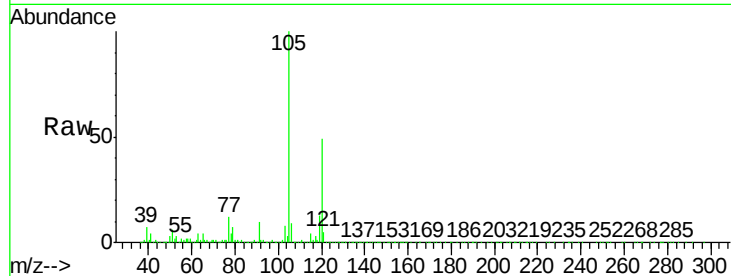




#83
 tert-Butylbenzene
 Concen: 17.613 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.04 min
 Lab File: VX014385.D
 Acq: 31 Dec 2019 17:13

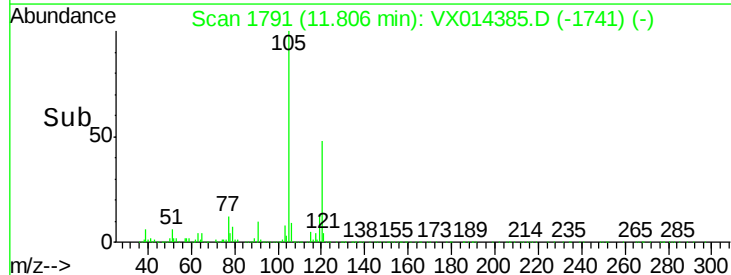
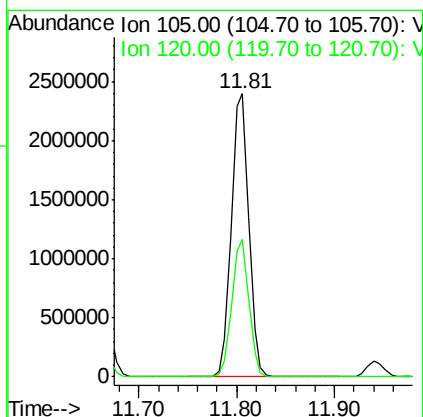
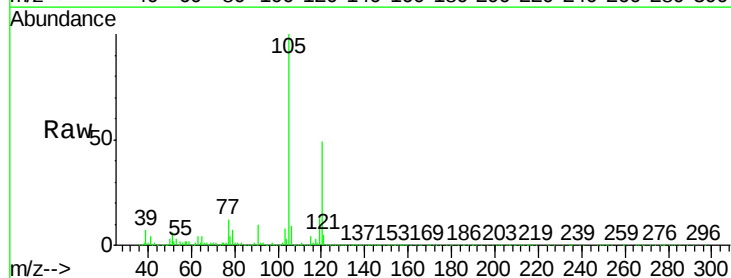
Instrument :
 MSVOA_X
 ClientSampleId :
 K500-1ME

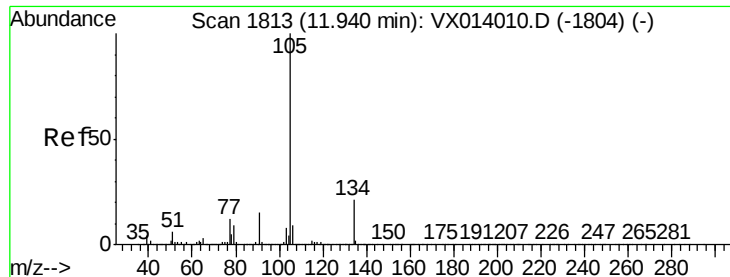
Tgt Ion	Ratio	Lower	Upper
119	100		
91	81.2	28.5	85.6
134	0.0	12.2	36.6



#84
 1,2,4-Trimethylbenzene
 Concen: 135.173 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.01 min
 Lab File: VX014385.D
 Acq: 31 Dec 2019 17:13

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.7	23.1	69.2





#85

sec-Butylbenzene

Concen: 6.608 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014385.D

Acq: 31 Dec 2019 17:13

Instrument :

MSVOA_X

ClientSampled :

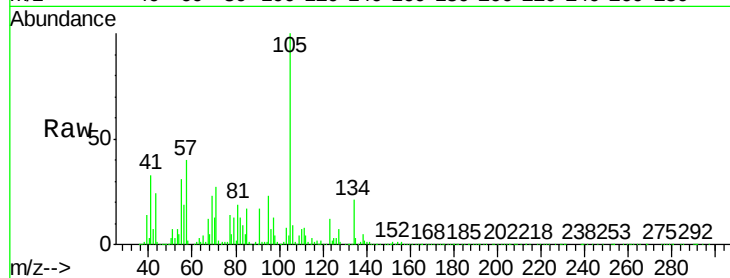
K500-1ME

Tgt Ion:105 Resp: 165968

Ion Ratio Lower Upper

105 100

134 28.8 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

150000

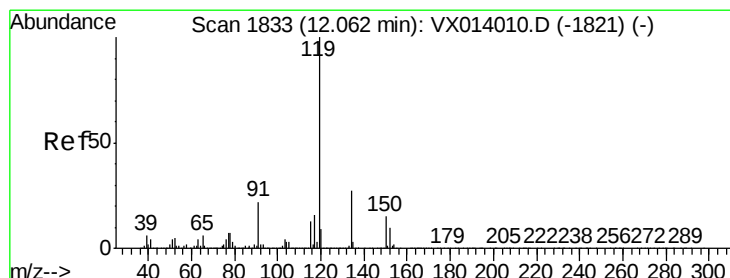
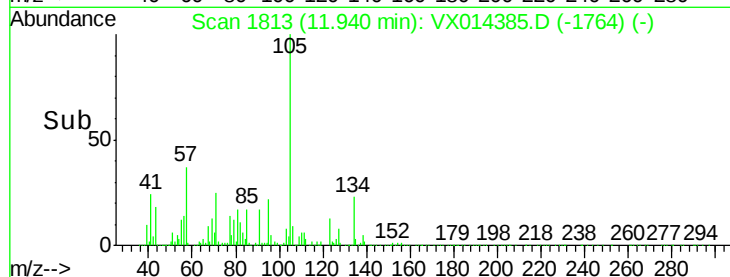
100000

50000

0

Time-->

11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 4.551 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014385.D

Acq: 31 Dec 2019 17:13

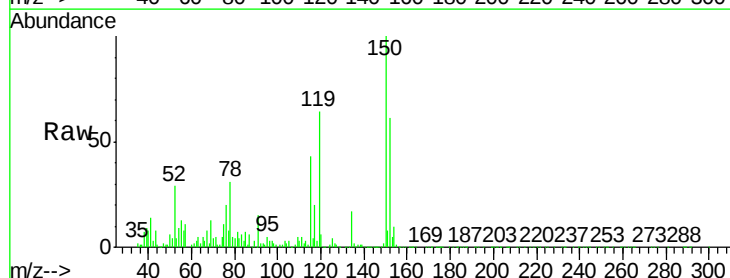
Tgt Ion:119 Resp: 104560

Ion Ratio Lower Upper

119 100

134 27.2 13.4 40.1

91 22.9 11.4 34.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

250000

200000

150000

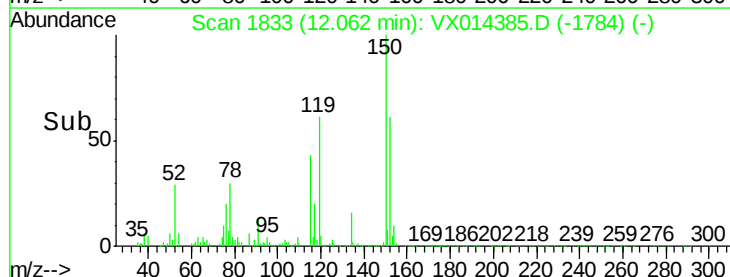
100000

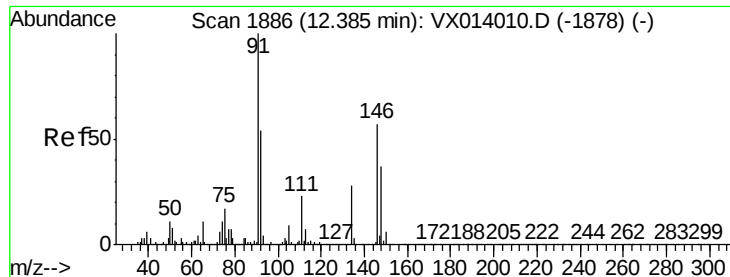
50000

0

Time-->

12.05 12.10





#89

n-Butylbenzene

Concen: 22.180 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX014385.D

Acq: 31 Dec 2019 17:13

Instrument :

MSVOA_X

ClientSampleId :

K500-1ME

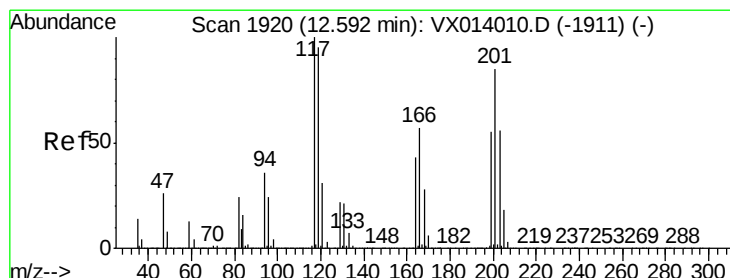
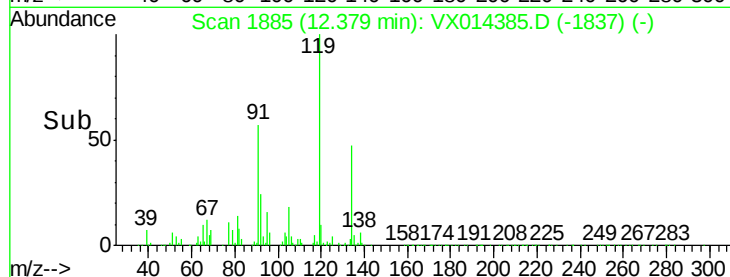
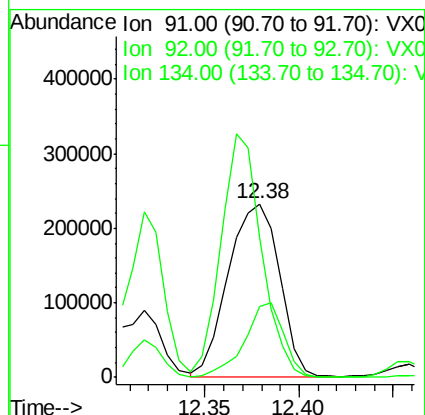
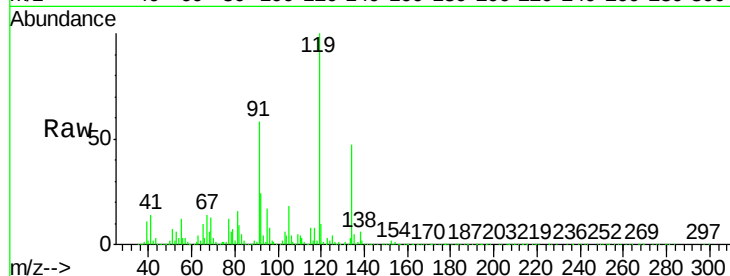
Tgt Ion: 91 Resp: 434798

Ion Ratio Lower Upper

91 100

92 33.2 27.2 81.6

134 111.4 13.4 40.1#



#90

Hexachloroethane

Concen: 14.387 ug/l

RT: 12.58 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VX014385.D

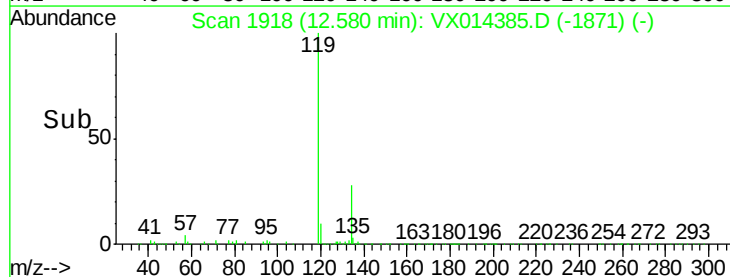
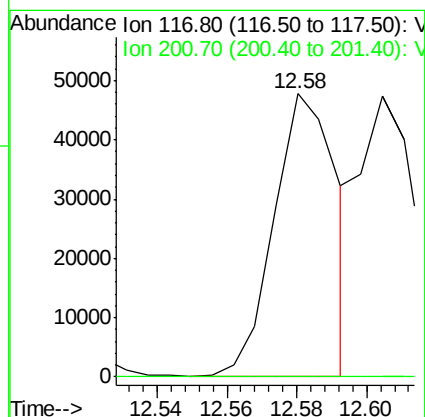
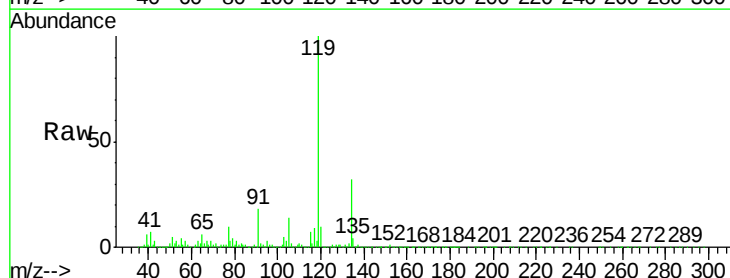
Acq: 31 Dec 2019 17:13

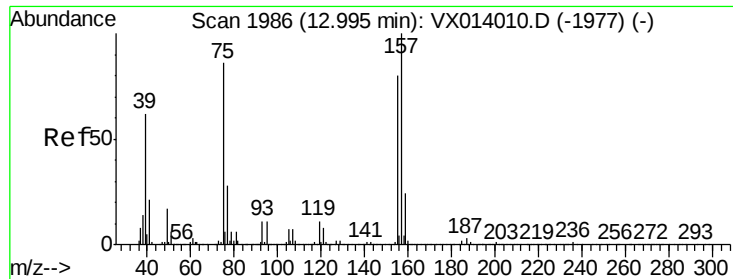
Tgt Ion: 117 Resp: 59370

Ion Ratio Lower Upper

117 100

201 0.0 43.1 129.3#





#92

1,2-Dibromo-3-Chloropropane

Concen: 2.334 ug/l

RT: 12.97 min Scan# 1982

Delta R.T. -0.02 min

Lab File: VX014385.D

Acq: 31 Dec 2019 17:13

Instrument :

MSVOA_X

ClientSampleId :

K500-1ME

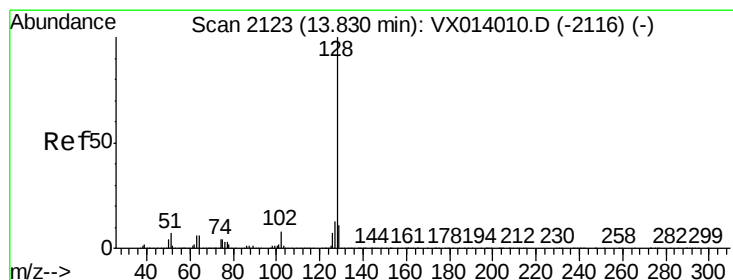
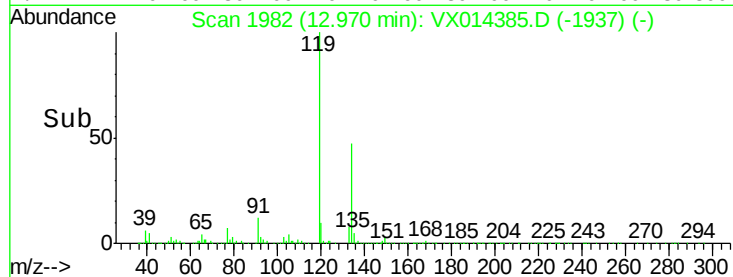
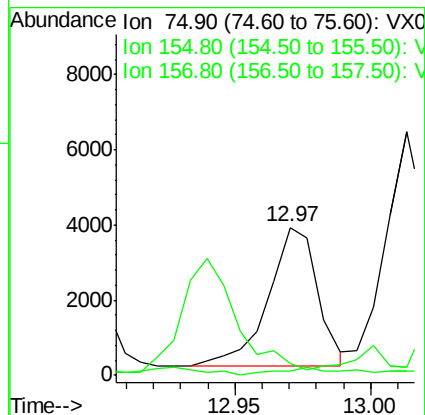
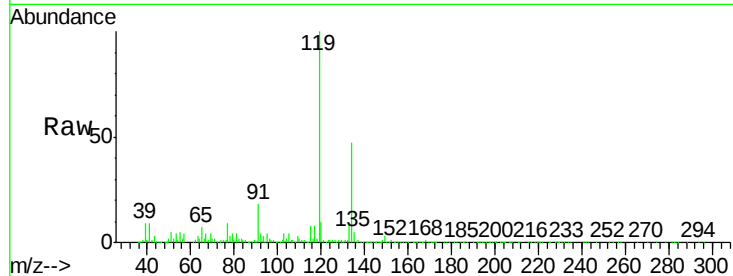
Tgt Ion: 75 Resp: 4652

Ion Ratio Lower Upper

75 100

155 0.0 46.9 140.6#

157 7.8 60.8 182.4#



#95

Naphthalene

Concen: 9.283 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX014385.D

Acq: 31 Dec 2019 17:13

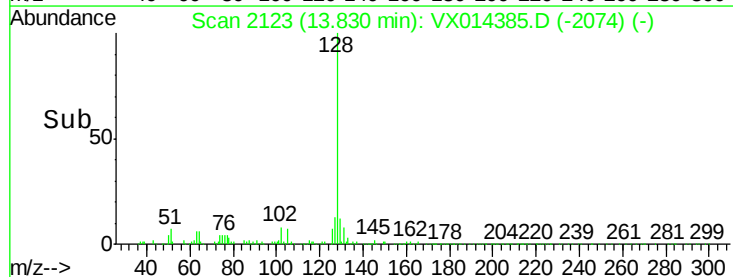
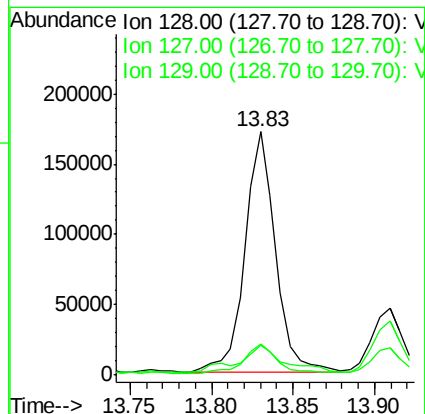
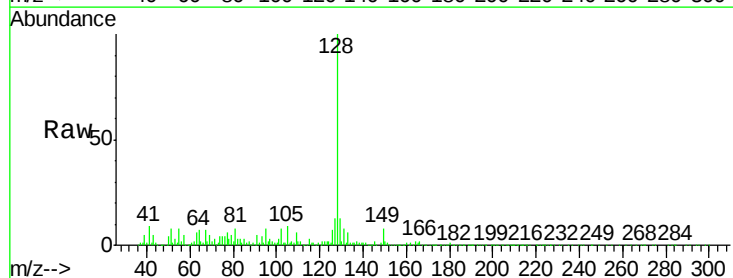
Tgt Ion: 128 Resp: 223513

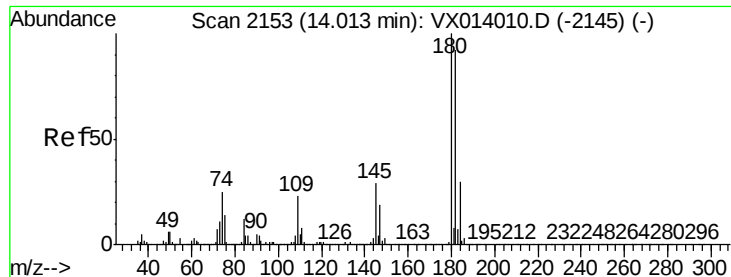
Ion Ratio Lower Upper

128 100

127 13.6 10.2 15.4

129 16.6 8.7 13.1#

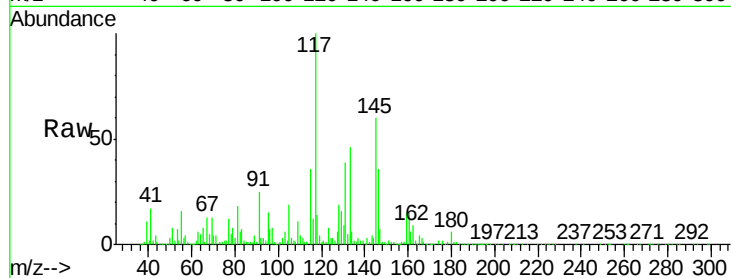




#96
 1,2,3-Trichlorobenzene
 Concen: 0.918 ug/l
 RT: 14.03 min Scan# 2156
 Delta R.T. 0.02 min
 Lab File: VX014385.D
 Acq: 31 Dec 2019 17:13

Instrument :
 MSVOA_X
 ClientSampleId :
 K500-1ME

Tgt Ion:180 Resp: 7426
 Ion Ratio Lower Upper
 180 100
 182 17.1 46.8 140.3#
 145 1243.1 14.8 44.4#



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

