

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX123119\
 Data File : VX014388.D
 Acq On : 31 Dec 2019 18:23
 Operator : JC/SP
 Sample : K6462-05ME 5X
 Misc : 5.04g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 K500-5ME

Quant Time: Jan 01 03:20:59 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	510314	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	785974	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	722789	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	370827	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	280442	48.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.98%	
35) Dibromofluoromethane	5.49	113	227599	47.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.28%	
50) Toluene-d8	8.71	98	936682	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	
62) 4-Bromofluorobenzene	11.14	95	358780	52.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.52%	

Target Compounds

						Qvalue
3) Chloromethane	1.31	50	1228	0.200	ug/l #	74
5) Bromomethane	1.63	94	2061	0.449	ug/l #	74
10) Methyl Iodide	2.50	142	214	2.653	ug/l #	20
11) Tert butyl alcohol	3.06	59	1039	0.831	ug/l #	1
13) Acrolein	2.27	56	161	0.225	ug/l #	14
16) Acetone	2.44	43	10795	2.875	ug/l	94
17) Carbon Disulfide	2.56	76	1059	0.827	ug/l #	75
20) Methylene Chloride	2.84	84	2616	0.442	ug/l #	88
25) 2-Butanone	4.69	43	1568	0.339	ug/l #	76
28) Bromochloromethane	5.01	49	434	0.569	ug/l #	75
36) 1,1-Dichloropropene	5.64	75	34844	4.832	ug/l #	51
38) Carbon Tetrachloride	5.65	117	43303	6.591	ug/l #	17
39) Methylcyclohexane	7.45	83	3945	0.443	ug/l	93
49) 1,4-Dioxane	7.75	88	214	1.629	ug/l #	1
51) 4-Methyl-2-Pentanone	8.64	43	2613	0.316	ug/l	97
56) Ethyl methacrylate	9.15	69	1875	0.212	ug/l #	20
58) 2-Chloroethyl Vinyl ether	8.40	63	889	0.266	ug/l	92
59) 2-Hexanone	9.44	43	9673	1.452	ug/l #	31
67) Ethyl Benzene	10.25	91	15793	0.598	ug/l	100
68) m/p-Xylenes	10.35	106	111421	10.964	ug/l	99
69) o-Xylene	10.70	106	65307	6.553	ug/l	99
70) Styrene	10.70	104	4527	0.269	ug/l #	1
73) Isopropylbenzene	11.01	105	10189	0.390	ug/l	87
74) N-aryl acetate	10.90	43	20433	1.670	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	5409	0.598	ug/l #	26
76) 1,2,3-Trichloropropane	11.14	75	175447	21.793	ug/l #	39
78) n-propylbenzene	11.35	91	28822	0.984	ug/l	100
79) 2-Chlorotoluene	11.43	91	62893	3.533	ug/l #	41
80) 1,3,5-Trimethylbenzene	11.50	105	213146	9.700	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.14	75	175447	61.511	ug/l #	13
82) 4-Chlorotoluene	11.50	91	22222	1.076	ug/l #	45
83) tert-Butylbenzene	11.80	119	85613	4.004	ug/l #	63
84) 1,2,4-Trimethylbenzene	11.80	105	677139	30.772	ug/l	99
85) sec-Butylbenzene	11.94	105	37412	1.482	ug/l	78

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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

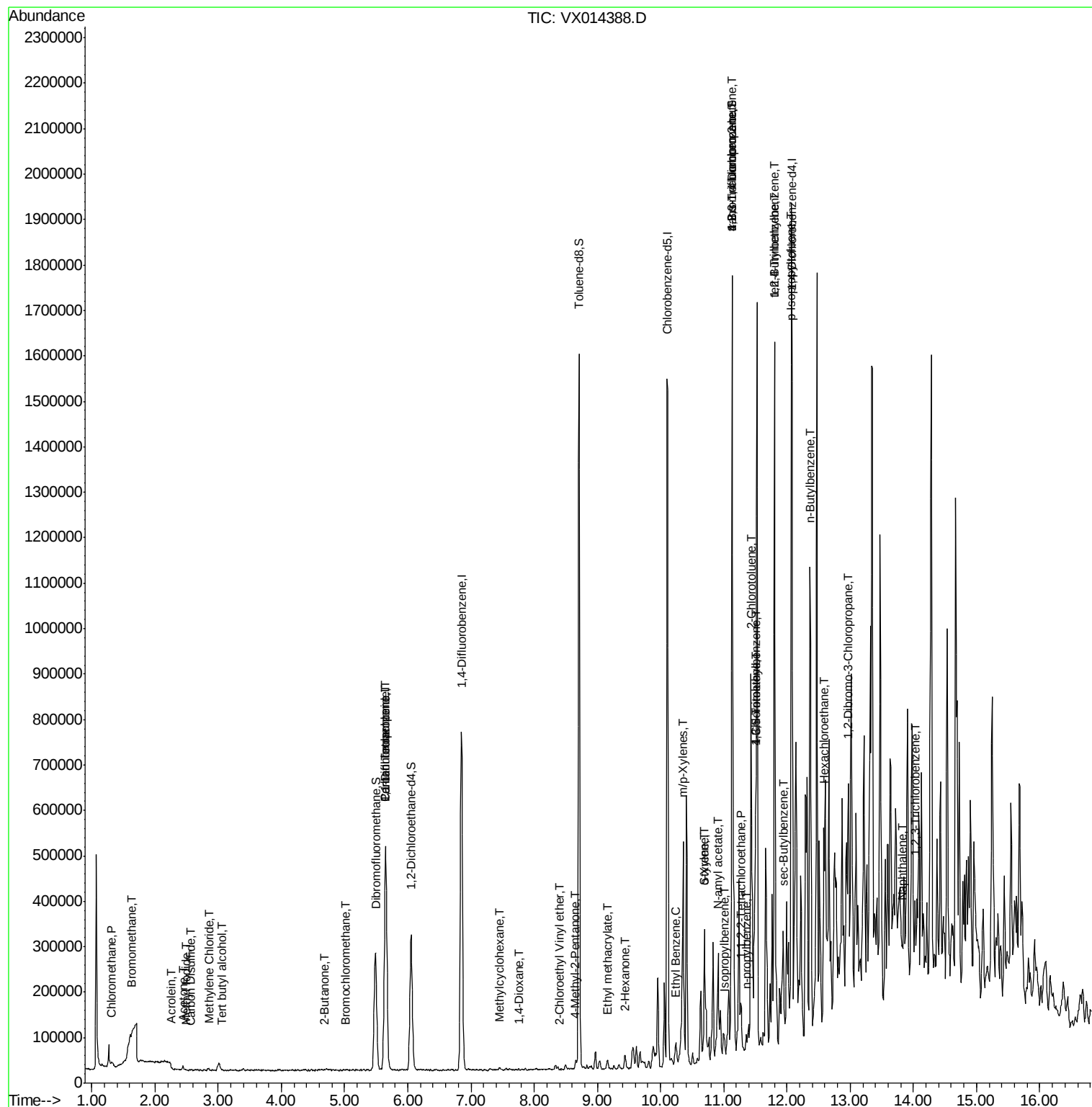
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	12.06	119	27554	1.193	ug/l	99
89) n-Butylbenzene	12.37	91	106835	5.422	ug/l #	22
90) Hexachloroethane	12.58	117	16685	4.023	ug/l #	8
92) 1,2-Dibromo-3-Chloropropan	12.97	75	1949	0.973	ug/l #	24
95) Naphthalene	13.83	128	65363	2.701	ug/l #	84
96) 1,2,3-Trichlorobenzene	14.03	180	4278	0.526	ug/l #	1

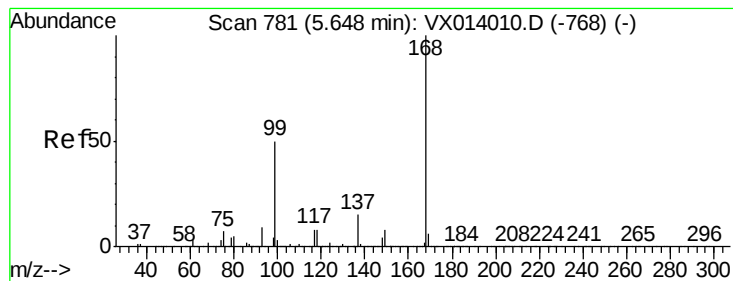
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX123119\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX014388.D

Acq: 31 Dec 2019 18:23

Instrument :

MSVOA_X

ClientSampleId :

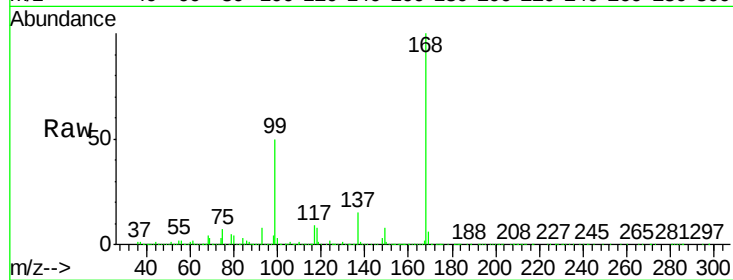
K500-5ME

Tgt Ion:168 Resp: 510314

Ion Ratio Lower Upper

168 100

99 50.1 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

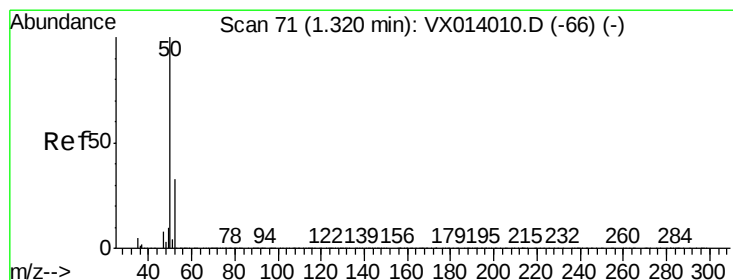
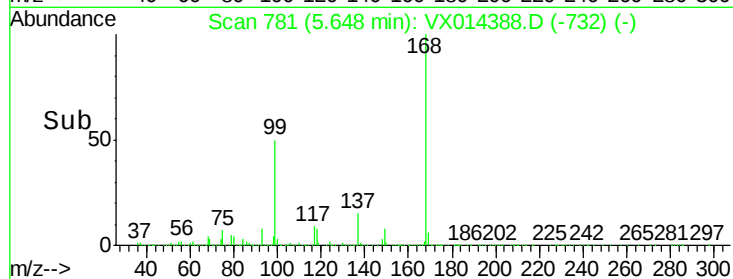
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.200 ug/l

RT: 1.31 min Scan# 69

Delta R.T. -0.01 min

Lab File: VX014388.D

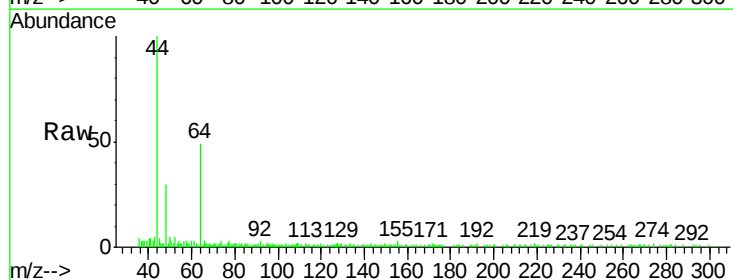
Acq: 31 Dec 2019 18:23

Tgt Ion: 50 Resp: 1228

Ion Ratio Lower Upper

50 100

52 17.9 26.2 39.4#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

800

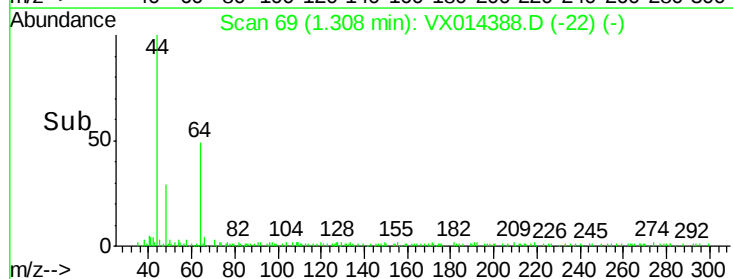
600

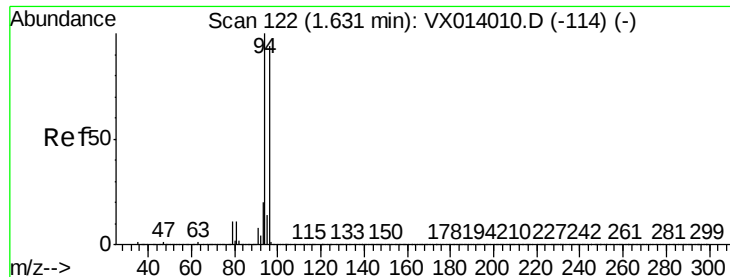
400

200

0

Time-->





#5

Bromomethane

Concen: 0.449 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX014388.D

Acq: 31 Dec 2019 18:23

Instrument :

MSVOA_X

ClientSampleId :

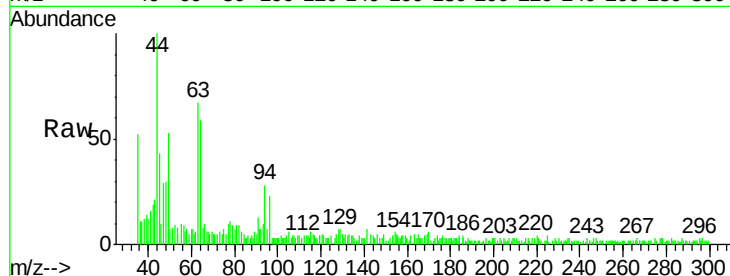
K500-5ME

Tgt Ion: 94 Resp: 2061

Ion Ratio Lower Upper

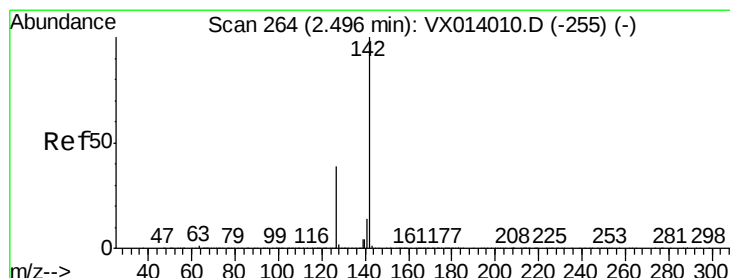
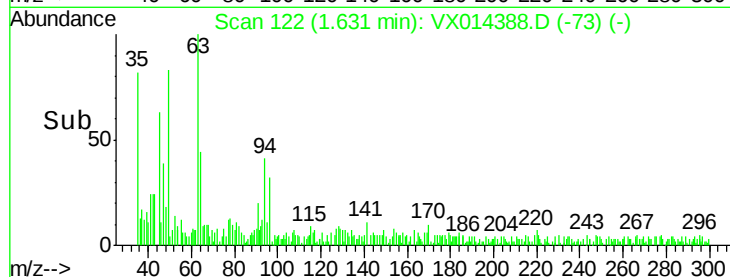
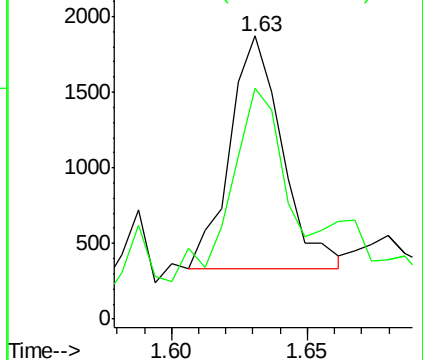
94 100

96 68.9 75.2 112.8#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#10

Methyl Iodide

Concen: 2.653 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX014388.D

Acq: 31 Dec 2019 18:23

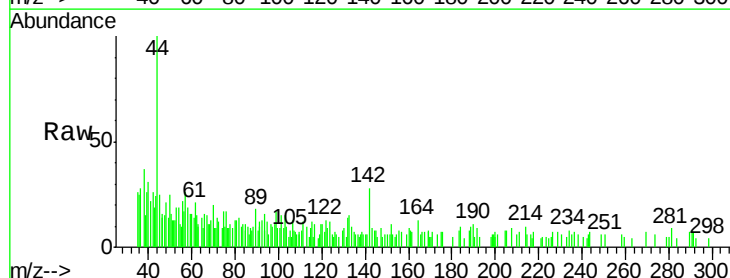
Tgt Ion: 142 Resp: 214

Ion Ratio Lower Upper

142 100

127 98.6 31.6 47.4#

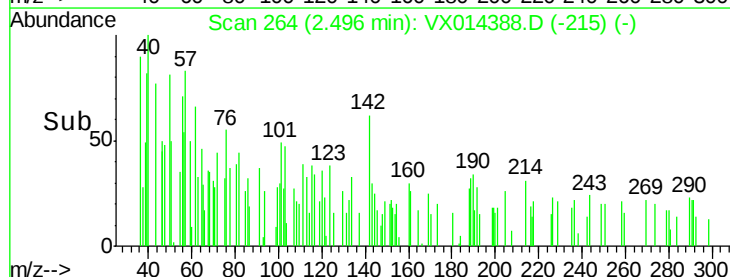
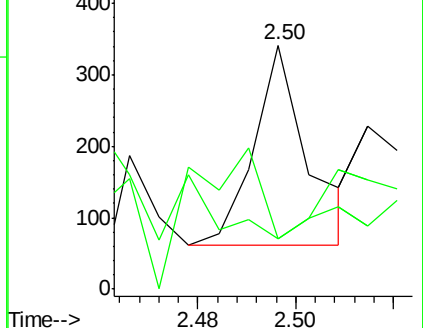
141 0.0 11.6 17.4#

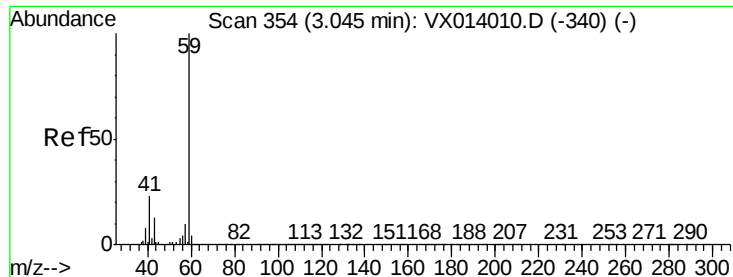


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



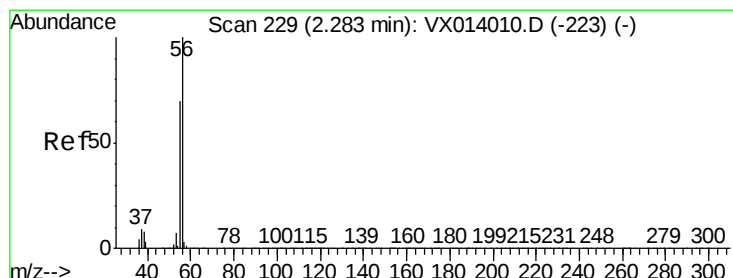
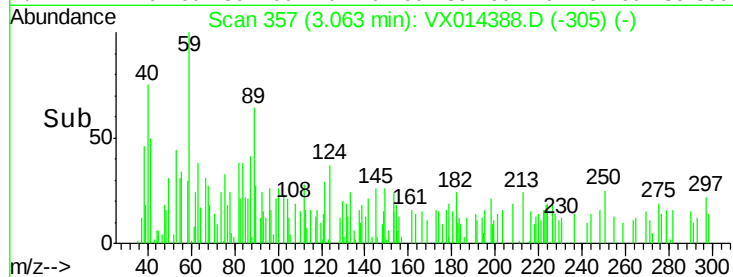
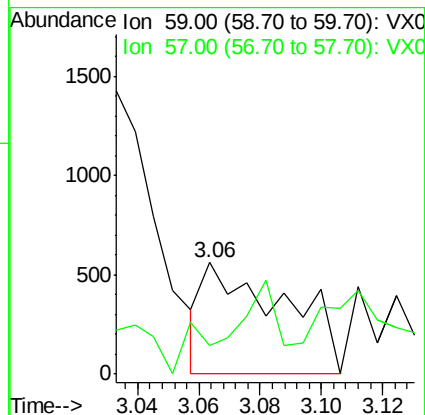
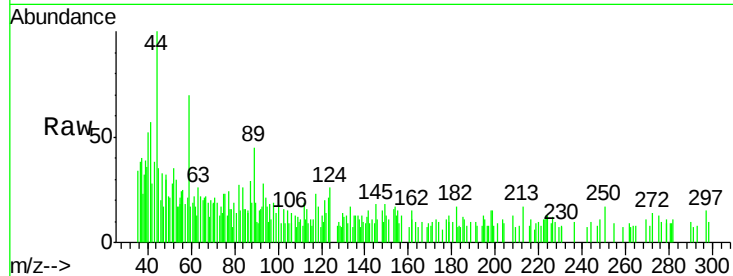


#11

Tert butyl alcohol
 Concen: 0.831 ug/l
 RT: 3.06 min Scan# 357
 Delta R.T. 0.02 min
 Lab File: VX014388.D
 Acq: 31 Dec 2019 18:23

Instrument :
 MSVOA_X
 ClientSampleId :
 K500-5ME

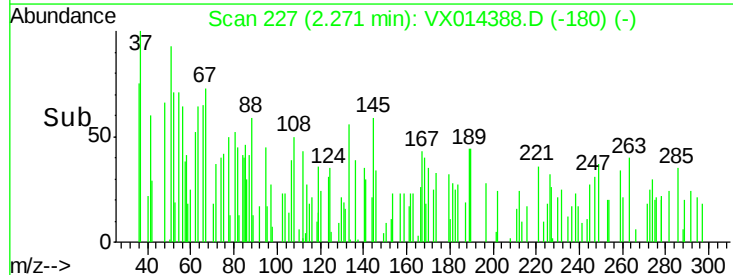
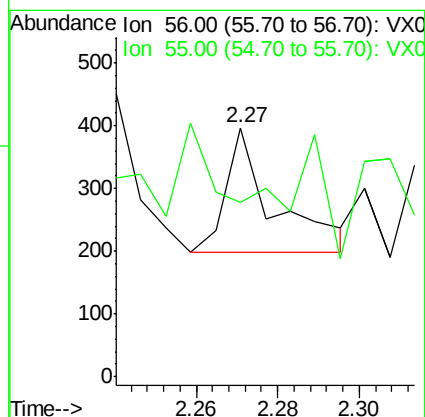
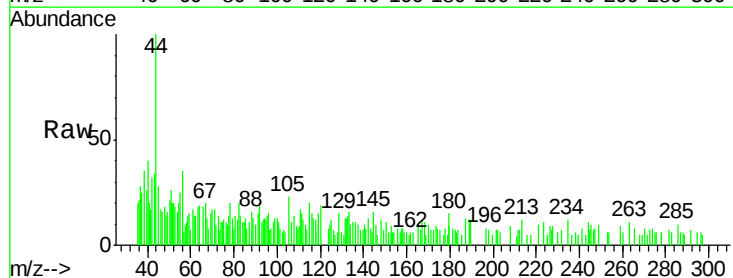
Tgt Ion: 59 Resp: 1039
 Ion Ratio Lower Upper
 59 100
 57 58.5 8.4 12.6#

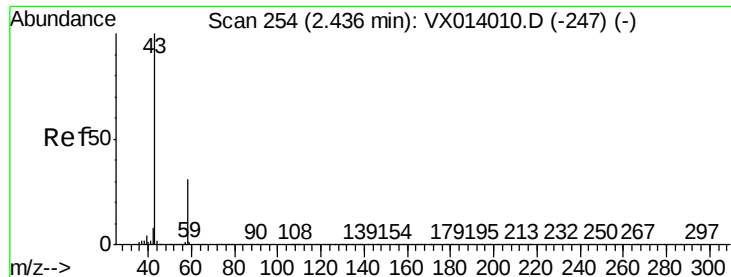


#13

Acrolein
 Concen: 0.225 ug/l
 RT: 2.27 min Scan# 227
 Delta R.T. -0.01 min
 Lab File: VX014388.D
 Acq: 31 Dec 2019 18:23

Tgt Ion: 56 Resp: 161
 Ion Ratio Lower Upper
 56 100
 55 0.0 56.9 85.3#





#16

Acetone

Concen: 2.875 ug/l

RT: 2.44 min Scan# 255

Delta R.T. 0.01 min

Lab File: VX014388.D

Acq: 31 Dec 2019 18:23

Instrument :

MSVOA_X

ClientSampleId :

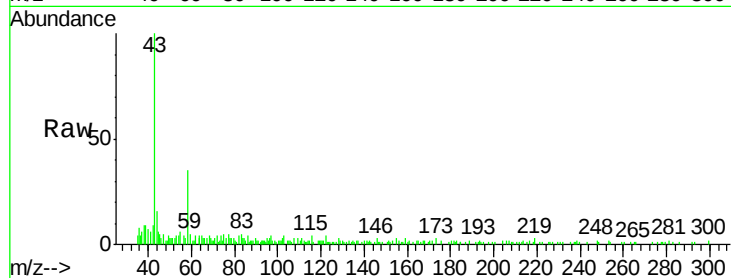
K500-5ME

Tgt Ion: 43 Resp: 10795

Ion Ratio Lower Upper

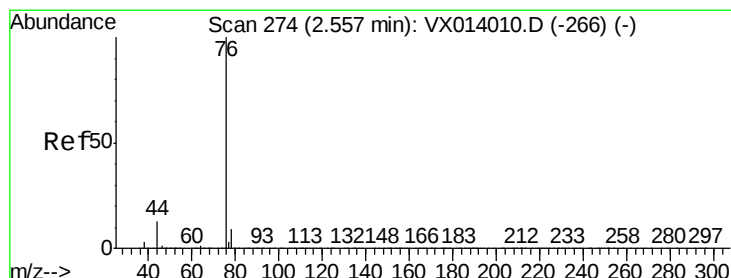
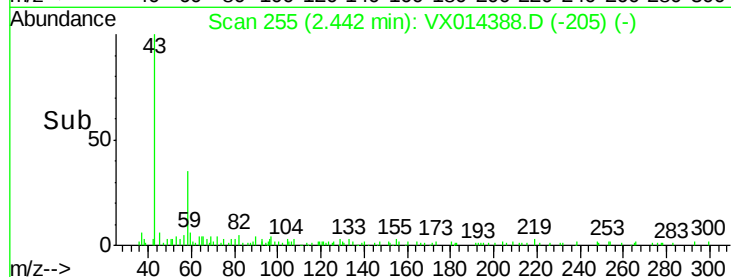
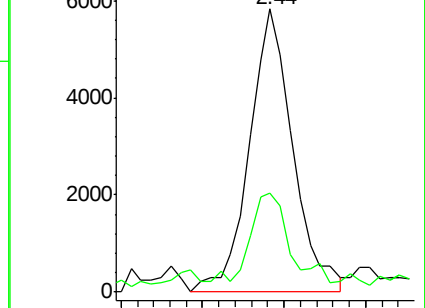
43 100

58 27.5 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 0.827 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX014388.D

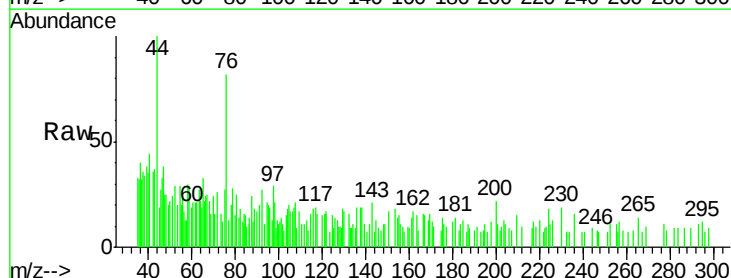
Acq: 31 Dec 2019 18:23

Tgt Ion: 76 Resp: 1059

Ion Ratio Lower Upper

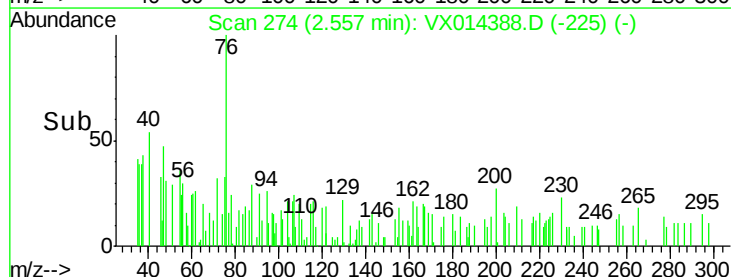
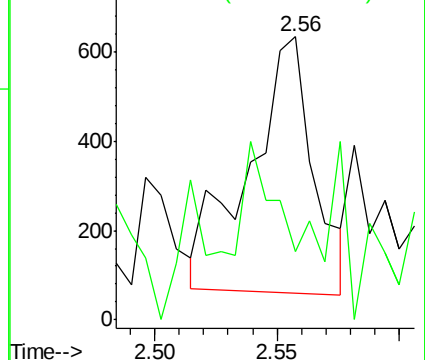
76 100

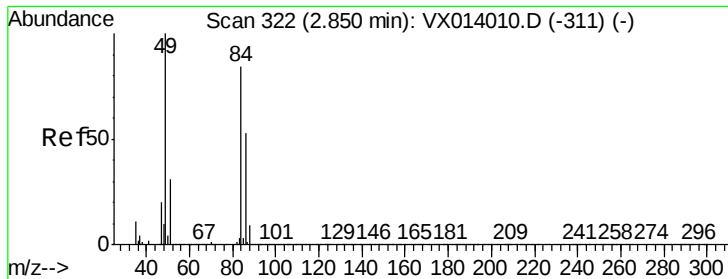
78 0.0 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

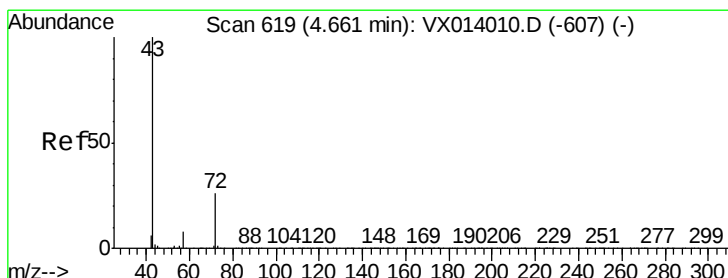
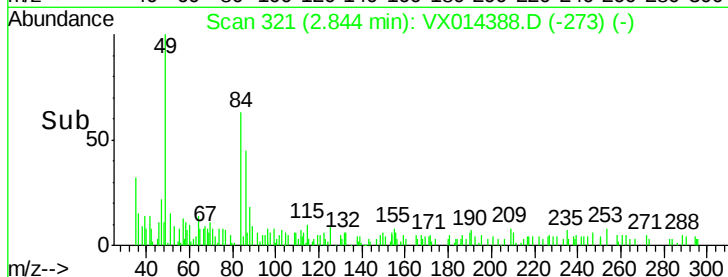
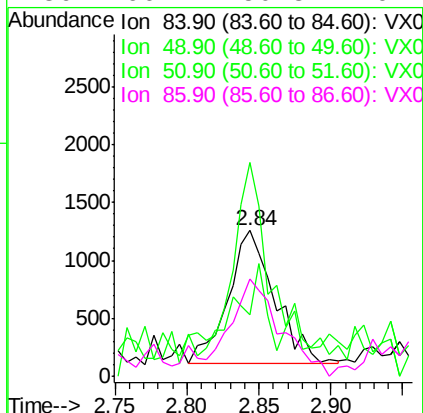
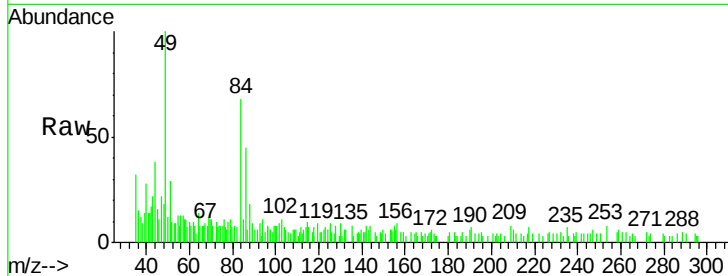




#20
Methylene Chloride
Concen: 0.442 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014388.D
Acq: 31 Dec 2019 18:23

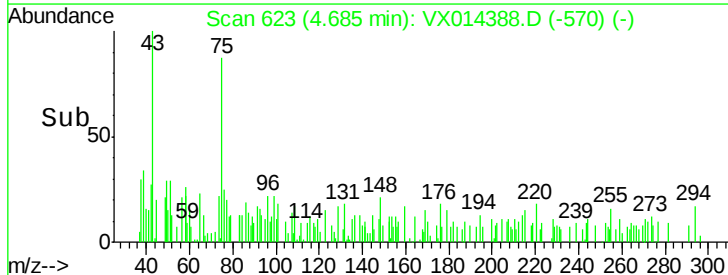
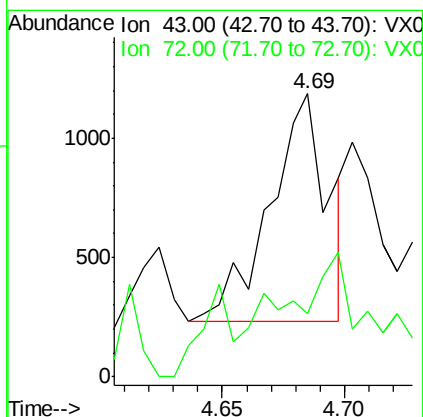
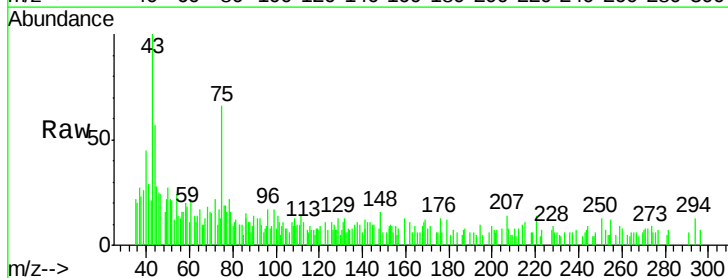
Instrument :
MSVOA_X
ClientSampled :
K500-5ME

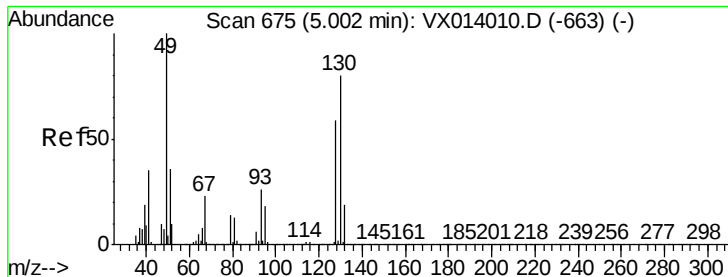
Tgt Ion:	84	Resp:	2616
Ion	Ratio	Lower	Upper
84	100		
49	134.4	95.8	143.6
51	23.7	29.8	44.8#
86	66.2	50.8	76.2



#25
2-Butanone
Concen: 0.339 ug/l
RT: 4.69 min Scan# 623
Delta R.T. 0.02 min
Lab File: VX014388.D
Acq: 31 Dec 2019 18:23

Tgt Ion:	43	Resp:	1568
Ion	Ratio	Lower	Upper
43	100		
72	13.8	21.0	31.4#





#28

Bromochloromethane

Concen: 0.569 ug/l

RT: 5.01 min Scan# 676

Delta R.T. 0.01 min

Lab File: VX014388.D

Acq: 31 Dec 2019 18:23

Instrument :

MSVOA_X

ClientSampleId :

K500-5ME

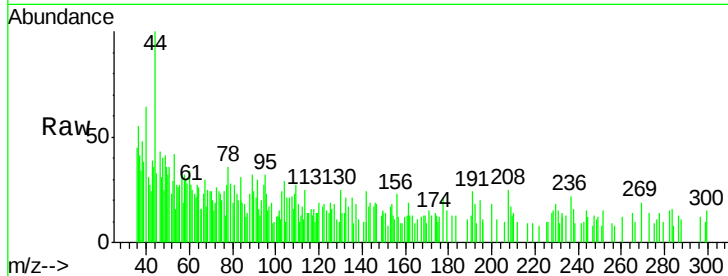
Tgt Ion: 49 Resp: 434

Ion Ratio Lower Upper

49 100

129 0.0 0.0 5.0

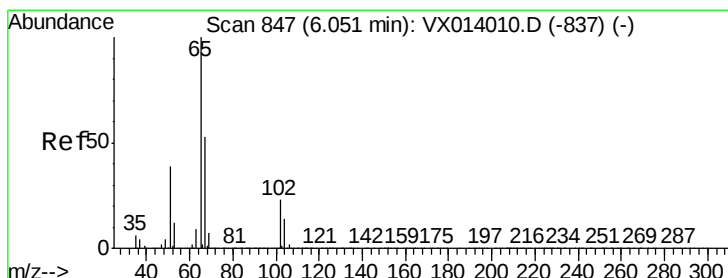
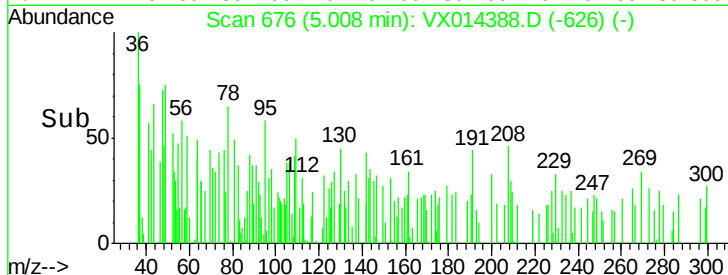
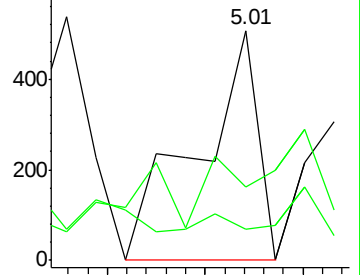
130 57.8 64.6 97.0#



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: 48.488 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX014388.D

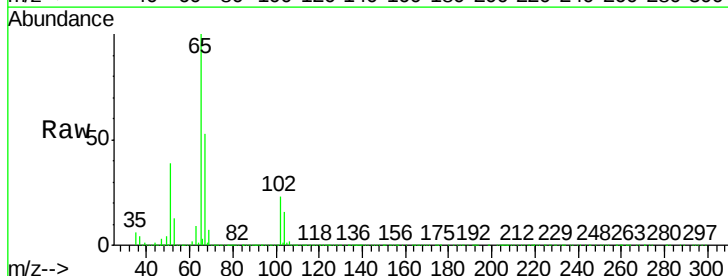
Acq: 31 Dec 2019 18:23

Tgt Ion: 65 Resp: 280442

Ion Ratio Lower Upper

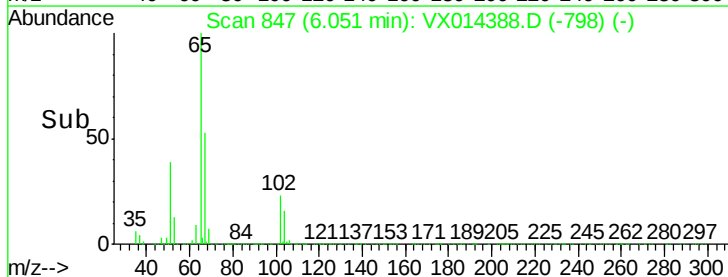
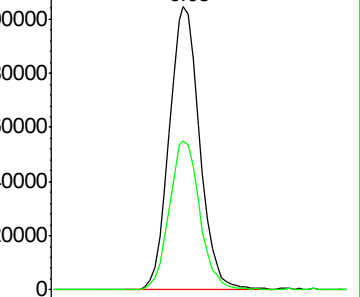
65 100

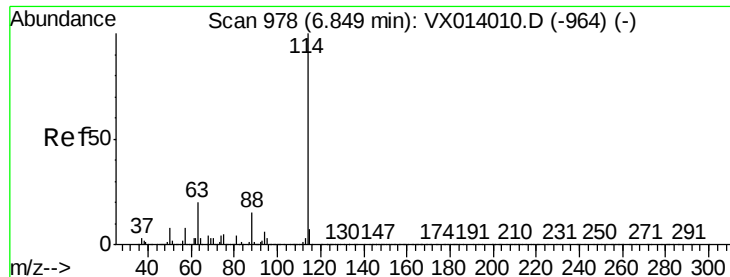
67 52.4 0.0 106.4



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: VX014388.D

Acq: 31 Dec 2019 18:23

Instrument :

MSVOA_X

ClientSampleId :

K500-5ME

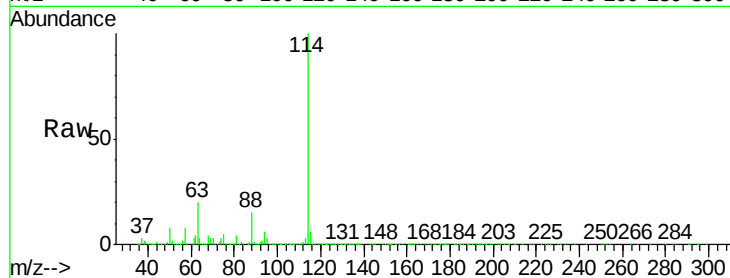
Tgt Ion:114 Resp: 785974

Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.8

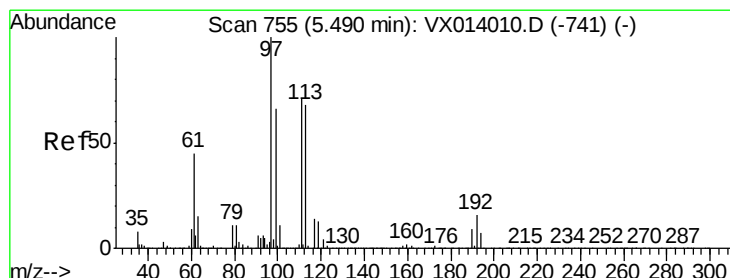
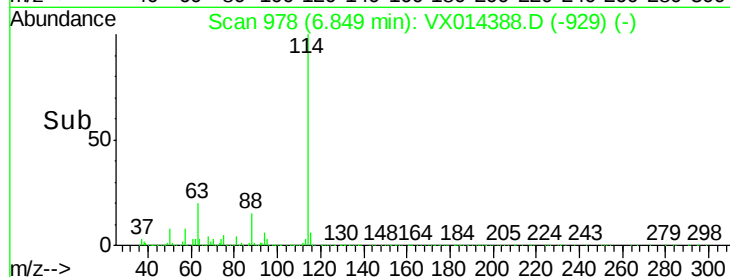
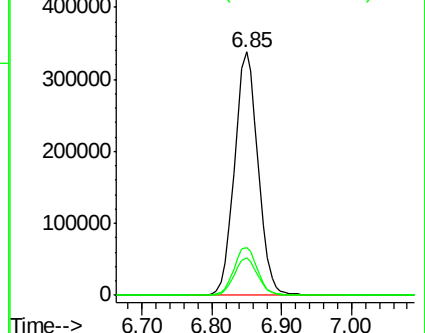
88 15.4 0.0 30.4



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: 47.636 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX014388.D

Acq: 31 Dec 2019 18:23

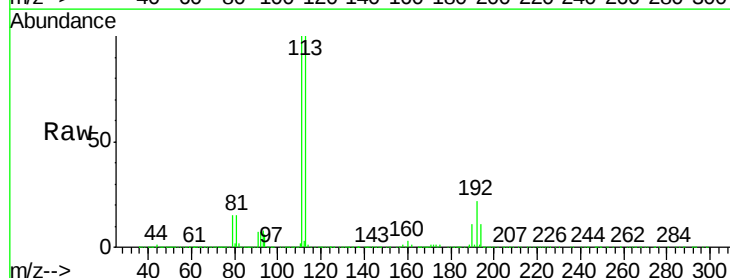
Tgt Ion:113 Resp: 227599

Ion Ratio Lower Upper

113 100

111 101.2 82.0 123.0

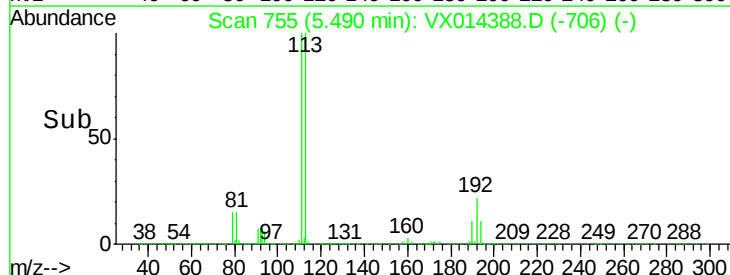
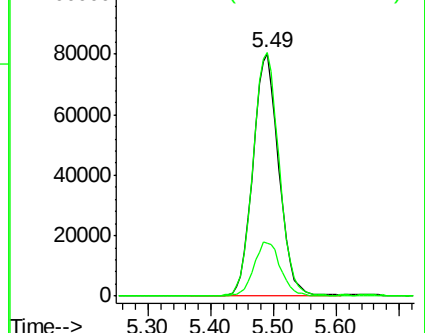
192 23.1 19.3 28.9

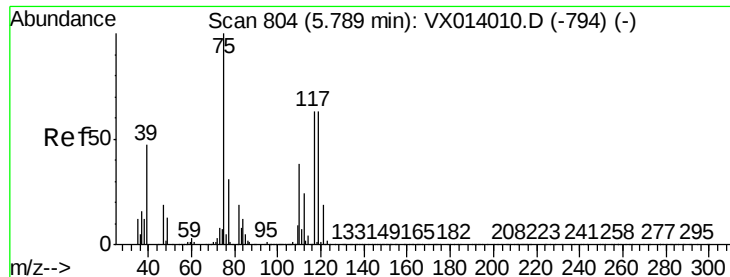


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

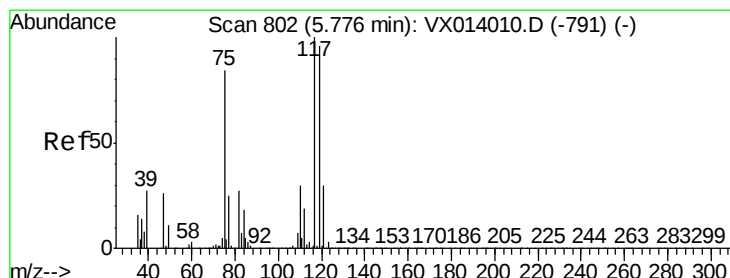
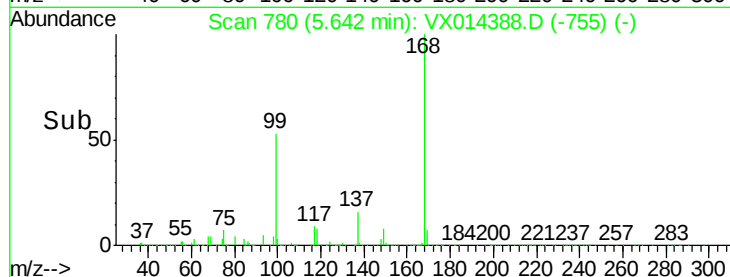
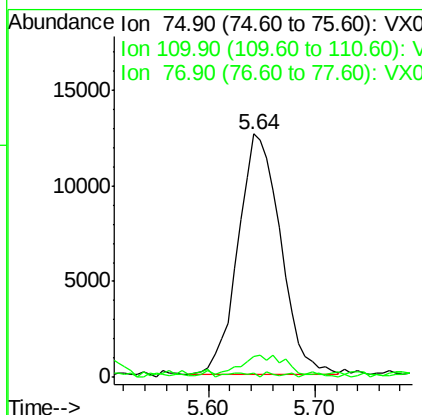
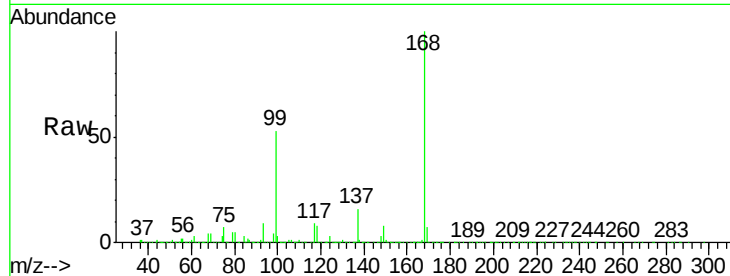




#36
 1,1-Dichloropropene
 Concen: 4.832 ug/l
 RT: 5.64 min Scan# 780
 Delta R.T. -0.15 min
 Lab File: VX014388.D
 Acq: 31 Dec 2019 18:23

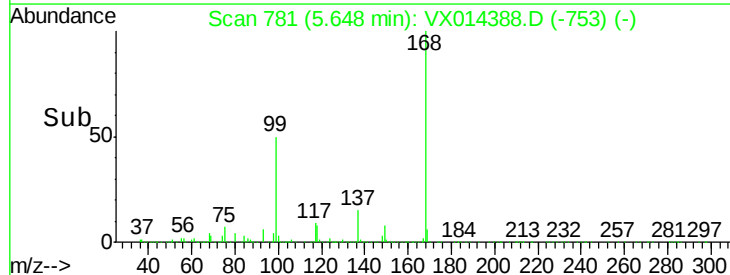
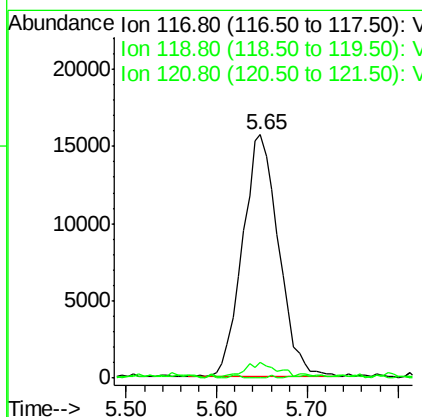
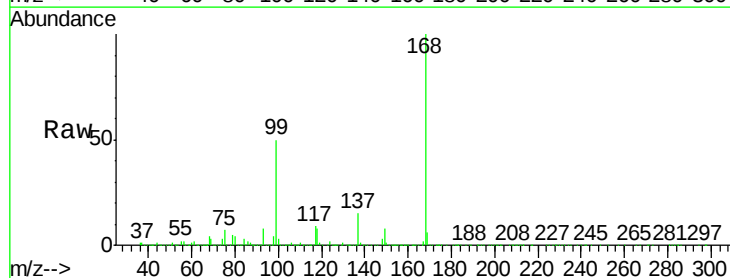
Instrument :
 MSVOA_X
 ClientSampleId :
 K500-5ME

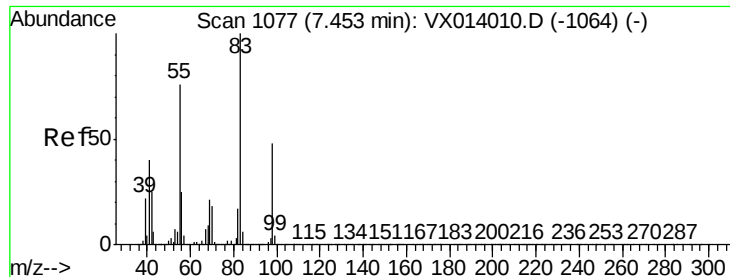
Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.5	18.3	54.9#
77	0.6	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 6.591 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.13 min
 Lab File: VX014388.D
 Acq: 31 Dec 2019 18:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.9	76.2	114.4#
121	0.0	23.6	35.4#

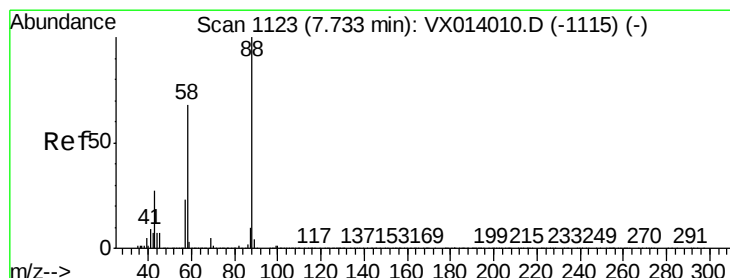
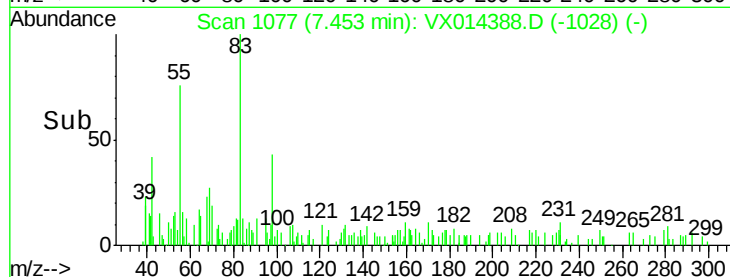
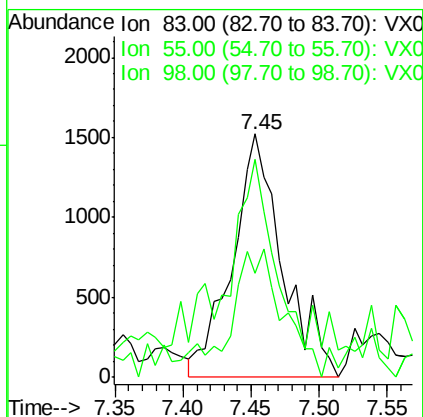
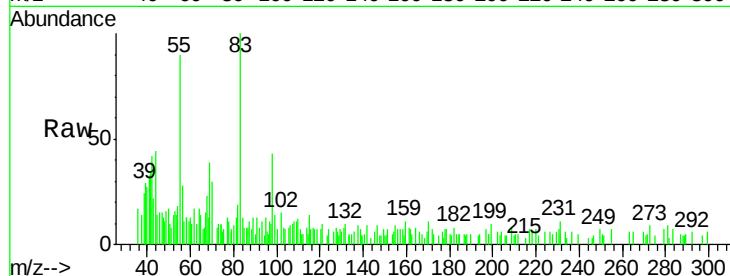




#39
Methylcyclohexane
Concen: 0.443 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX014388.D
Acq: 31 Dec 2019 18:23

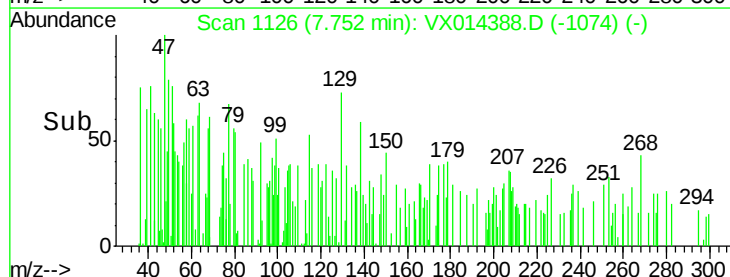
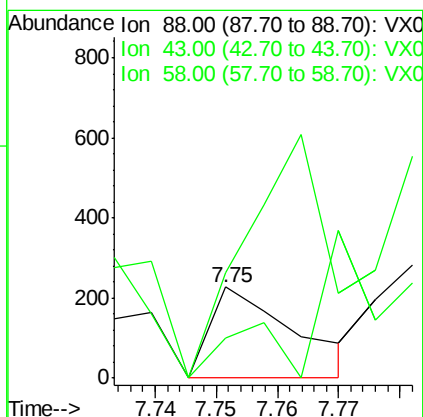
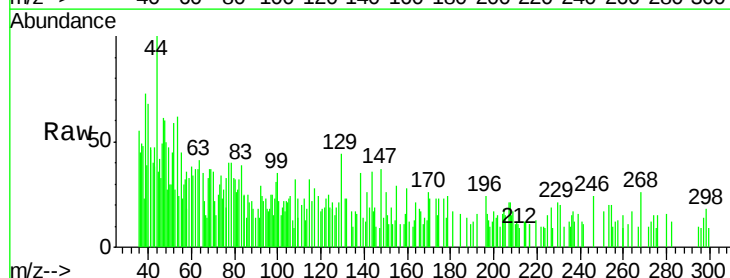
Instrument :
MSVOA_X
ClientSampleId :
K500-5ME

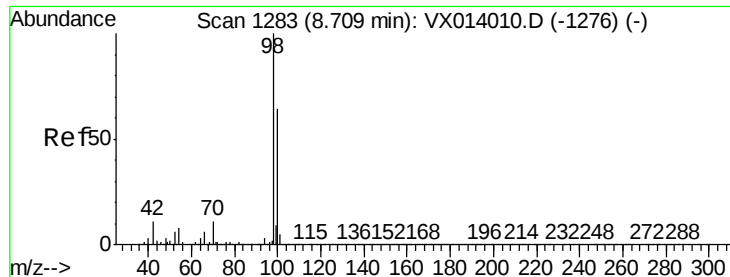
Tgt Ion	Ratio	Lower	Upper
83	100		
55	78.7	61.0	91.6
98	38.9	38.6	57.8



#49
1,4-Dioxane
Concen: 1.629 ug/l
RT: 7.75 min Scan# 1126
Delta R.T. 0.02 min
Lab File: VX014388.D
Acq: 31 Dec 2019 18:23

Tgt Ion	Ratio	Lower	Upper
88	100		
43	304.7	26.5	39.7#
58	128.5	56.8	85.2#





#50

Toluene-d8

Concen: 50.356 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX014388.D

Acq: 31 Dec 2019 18:23

Instrument :

MSVOA_X

ClientSampleId :

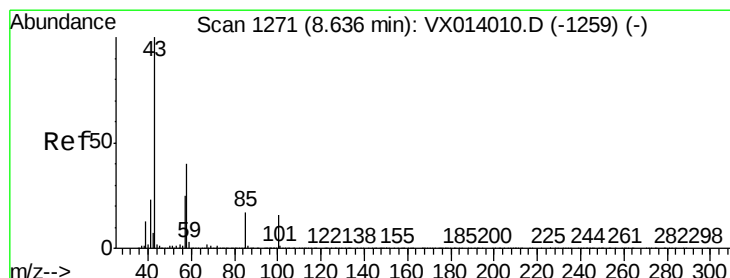
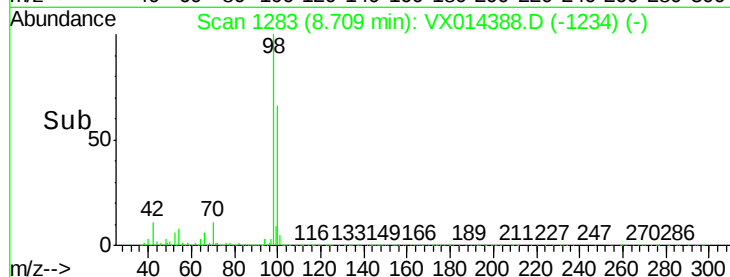
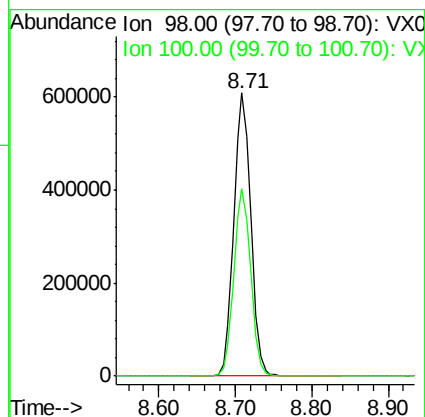
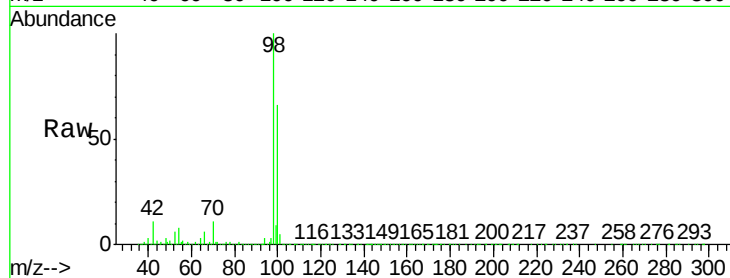
K500-5ME

Tgt Ion: 98 Resp: 936682

Ion Ratio Lower Upper

98 100

100 65.6 52.9 79.3



#51

4-Methyl-2-Pentanone

Concen: 0.316 ug/l

RT: 8.64 min Scan# 1272

Delta R.T. 0.01 min

Lab File: VX014388.D

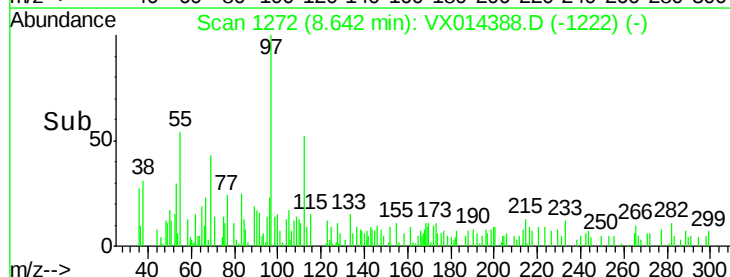
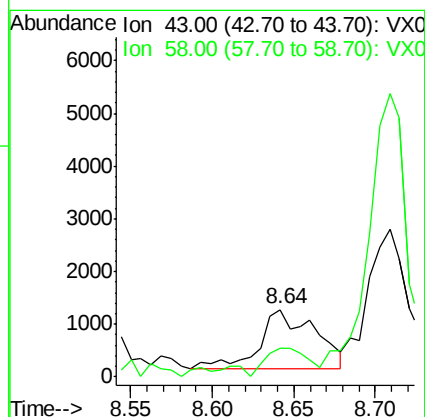
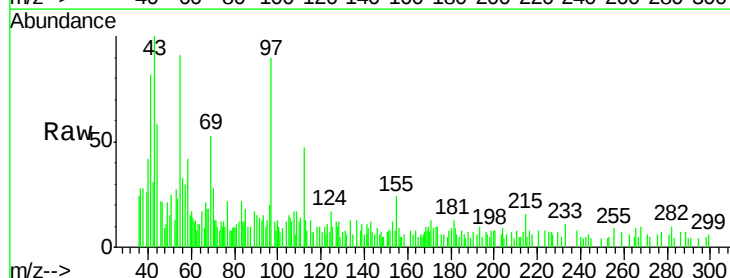
Acq: 31 Dec 2019 18:23

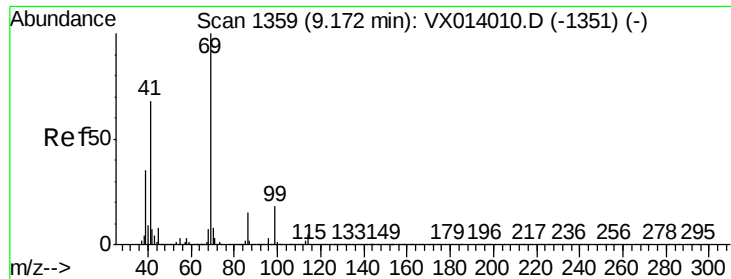
Tgt Ion: 43 Resp: 2613

Ion Ratio Lower Upper

43 100

58 38.2 32.2 48.2

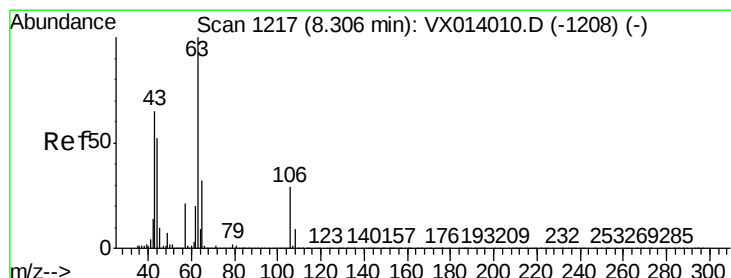
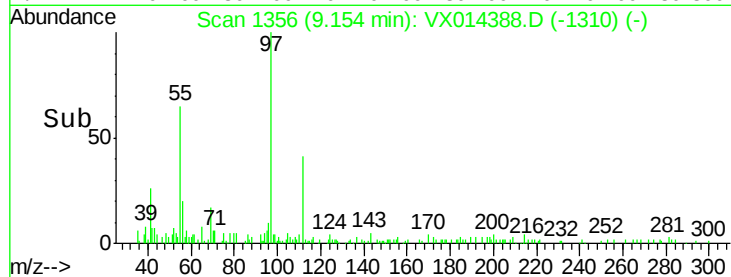
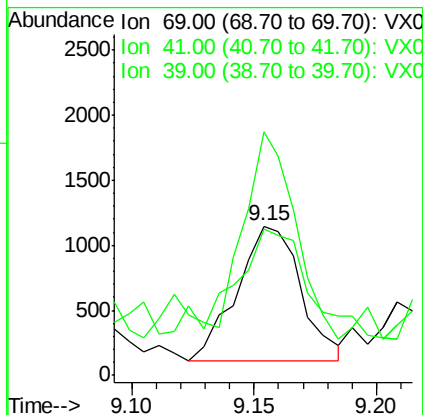
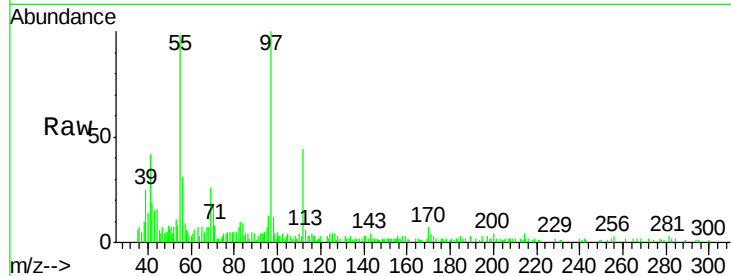




#56
Ethyl methacrylate
Concen: 0.212 ug/l
RT: 9.15 min Scan# 1356
Delta R.T. -0.02 min
Lab File: VX014388.D
Acq: 31 Dec 2019 18:23

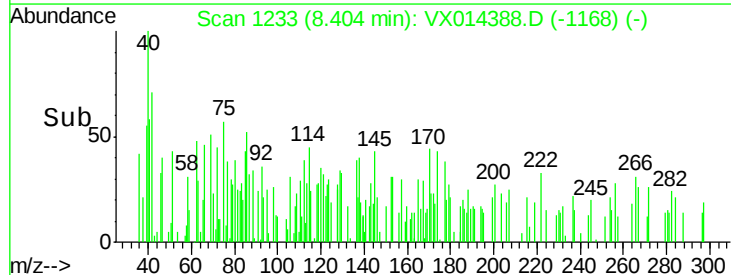
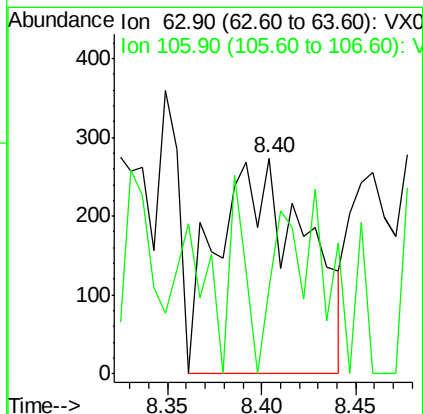
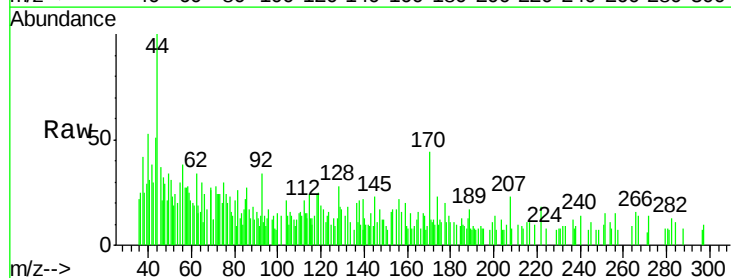
Instrument :
MSVOA_X
ClientSampleId :
K500-5ME

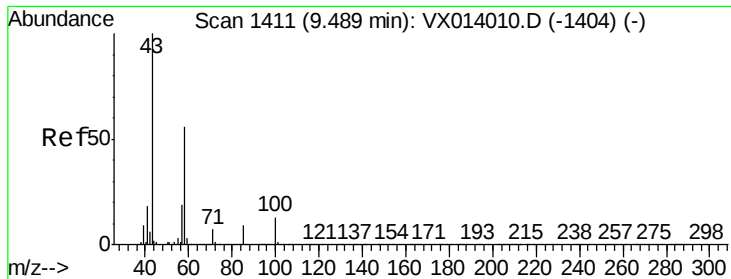
Tgt Ion: 69 Resp: 1875
Ion Ratio Lower Upper
69 100
41 122.9 54.8 82.2#
39 96.6 28.3 42.5#



#58
2-Chloroethyl Vinyl ether
Concen: 0.266 ug/l
RT: 8.40 min Scan# 1233
Delta R.T. 0.10 min
Lab File: VX014388.D
Acq: 31 Dec 2019 18:23

Tgt Ion: 63 Resp: 889
Ion Ratio Lower Upper
63 100
106 24.5 23.0 34.6

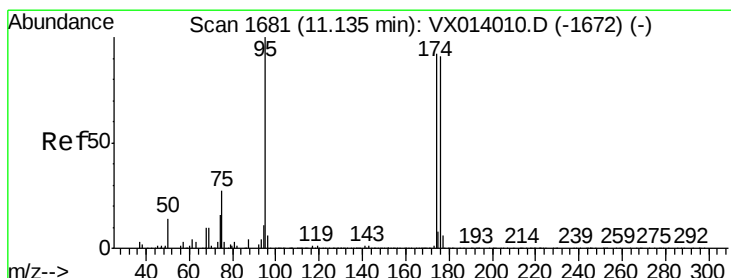
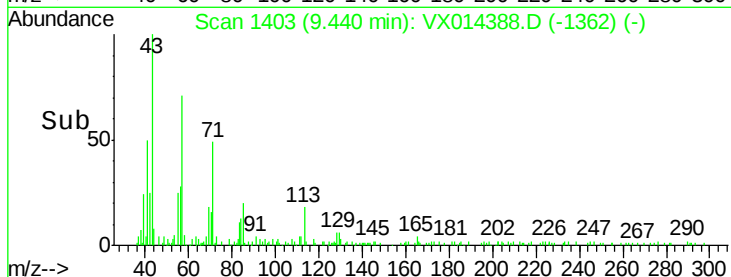
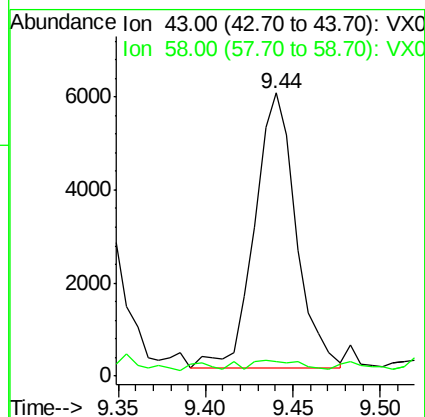
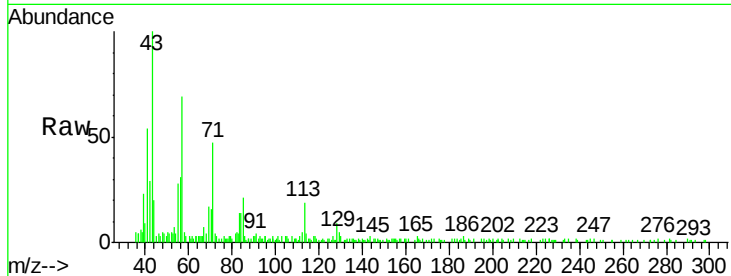




#59
2-Hexanone
Concen: 1.452 ug/l
RT: 9.44 min Scan# 1403
Delta R.T. -0.05 min
Lab File: VX014388.D
Acq: 31 Dec 2019 18:23

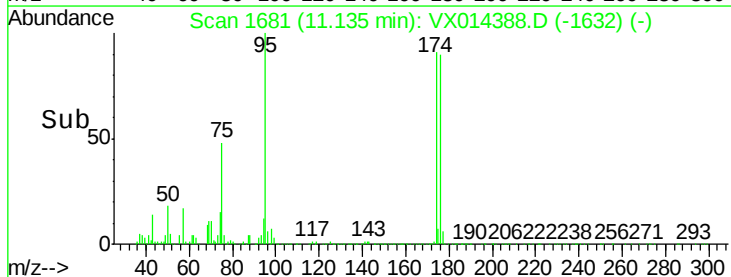
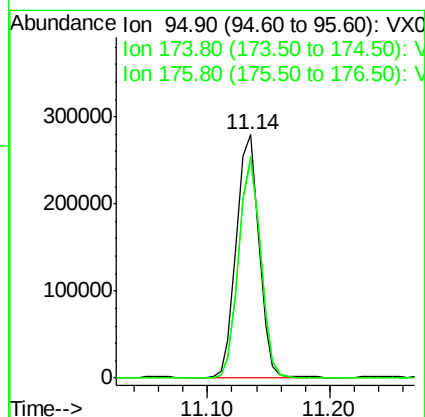
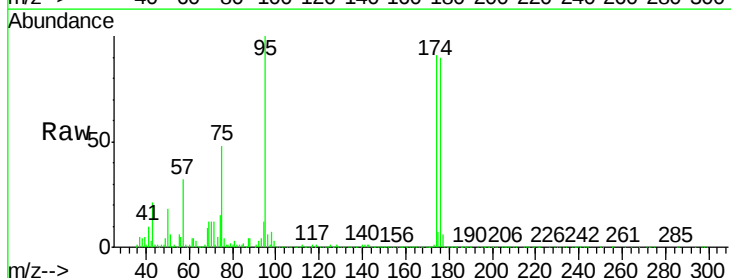
Instrument :
MSVOA_X
ClientSampleId :
K500-5ME

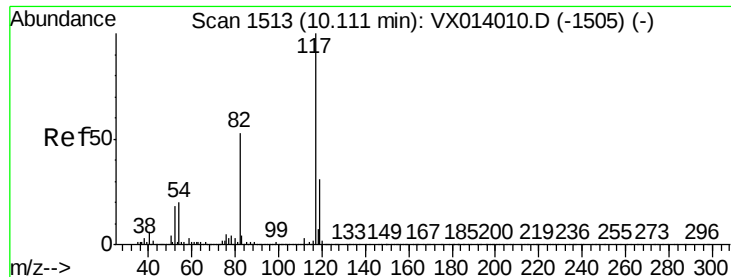
Tgt Ion: 43 Resp: 9673
Ion Ratio Lower Upper
43 100
58 5.9 28.0 84.0#



#62
4-Bromofluorobenzene
Concen: 52.765 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX014388.D
Acq: 31 Dec 2019 18:23

Tgt Ion: 95 Resp: 358780
Ion Ratio Lower Upper
95 100
174 87.9 0.0 175.8
176 86.9 0.0 173.0

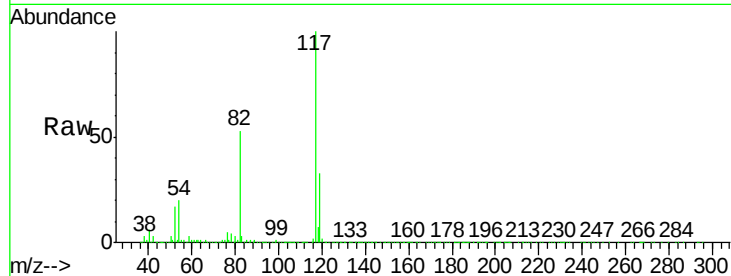




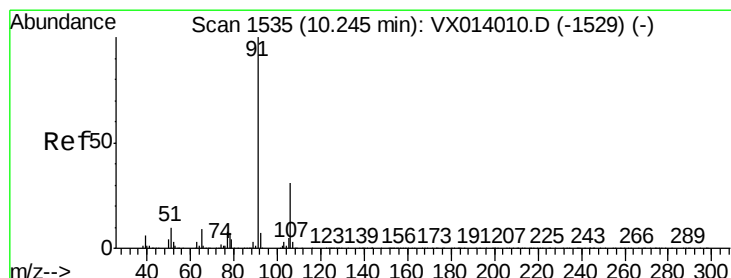
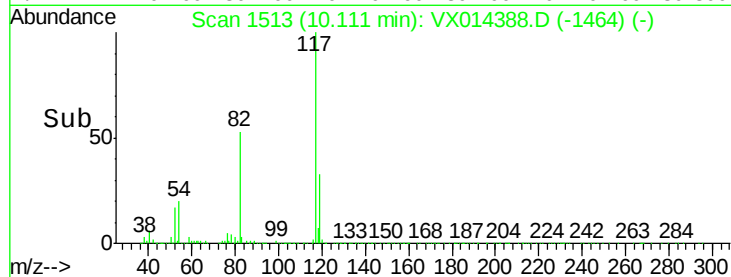
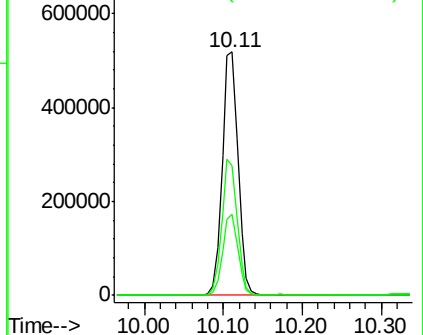
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX014388.D
Acq: 31 Dec 2019 18:23

Instrument :
MSVOA_X
ClientSampleId :
K500-5ME

Tgt Ion: 117 Resp: 722789
Ion Ratio Lower Upper
117 100
82 52.9 42.2 63.4
119 33.3 25.1 37.7

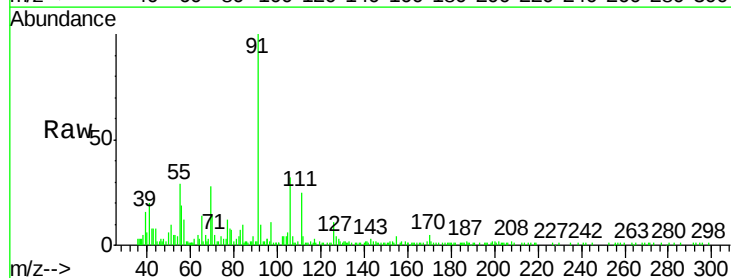


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

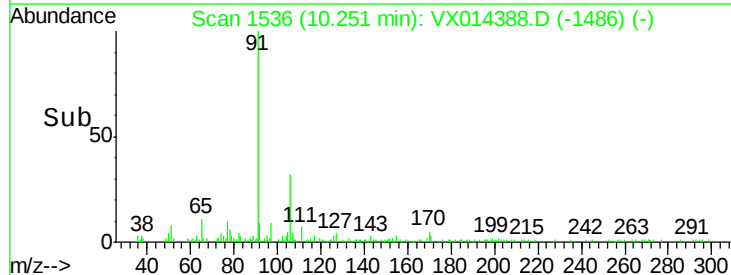
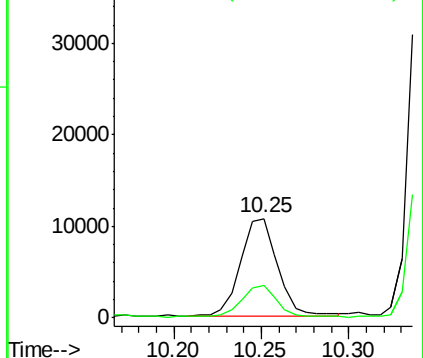


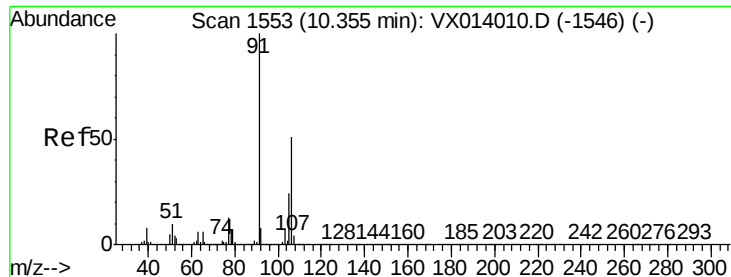
#67
Ethyl Benzene
Concen: 0.598 ug/l
RT: 10.25 min Scan# 1536
Delta R.T. 0.01 min
Lab File: VX014388.D
Acq: 31 Dec 2019 18:23

Tgt Ion: 91 Resp: 15793
Ion Ratio Lower Upper
91 100
106 31.3 25.0 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 10.964 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX014388.D

Acq: 31 Dec 2019 18:23

Instrument :

MSVOA_X

ClientSampleId :

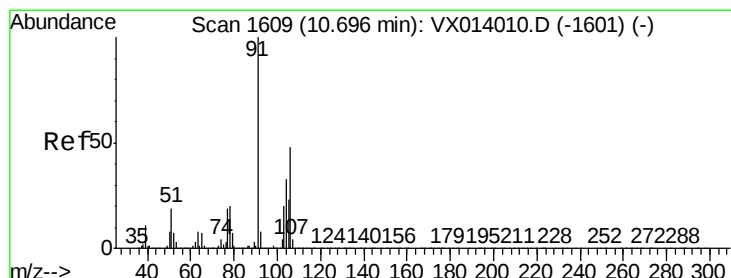
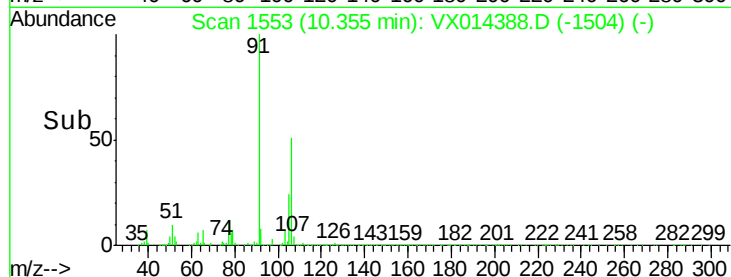
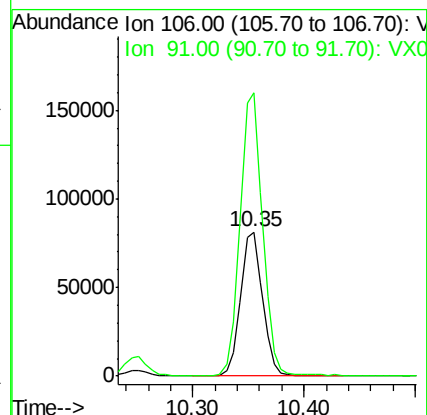
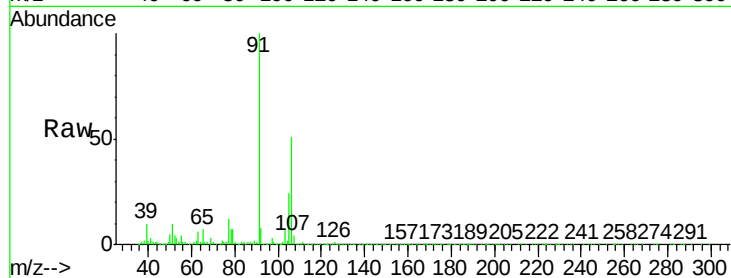
K500-5ME

Tgt Ion:106 Resp: 111421

Ion Ratio Lower Upper

106 100

91 199.4 158.6 238.0



#69

o-Xylene

Concen: 6.553 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. -0.00 min

Lab File: VX014388.D

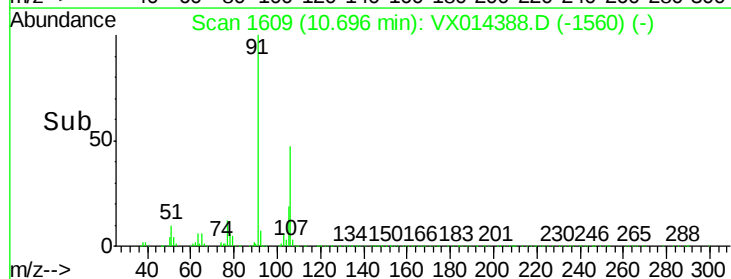
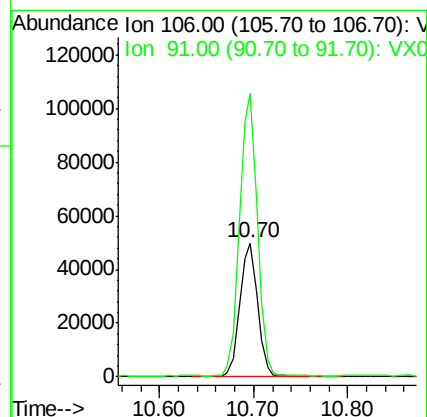
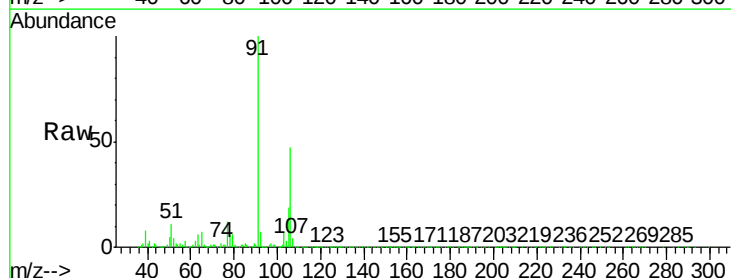
Acq: 31 Dec 2019 18:23

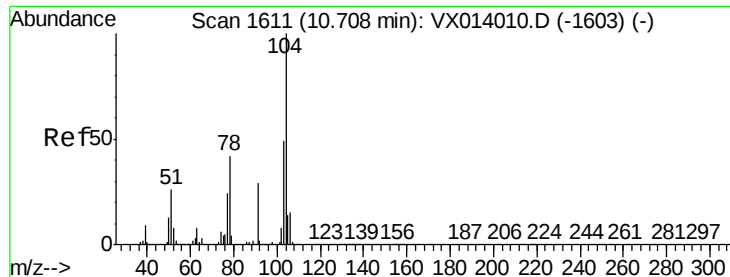
Tgt Ion:106 Resp: 65307

Ion Ratio Lower Upper

106 100

91 210.7 104.2 312.6

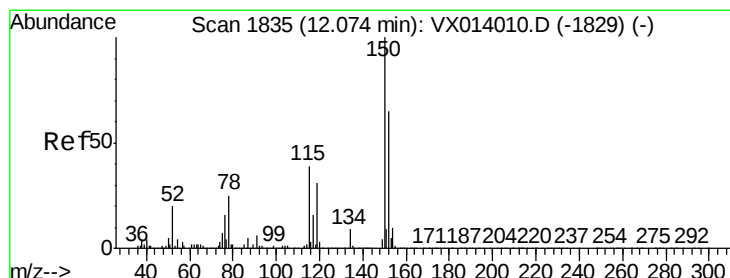
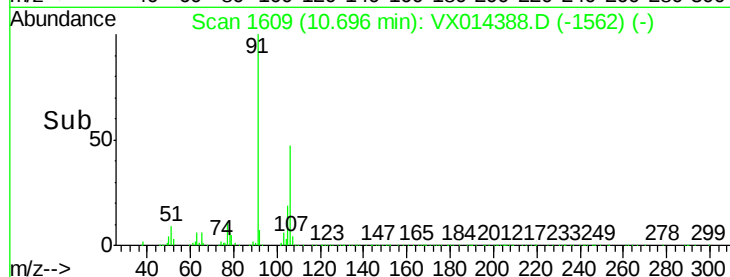
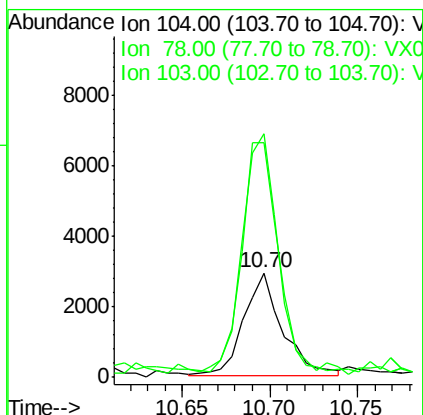
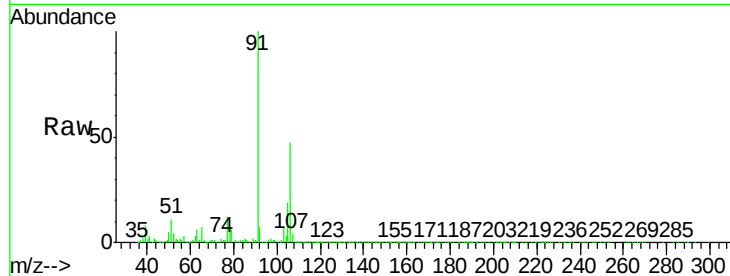




#70
Styrene
Concen: 0.269 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.01 min
Lab File: VX014388.D
Acq: 31 Dec 2019 18:23

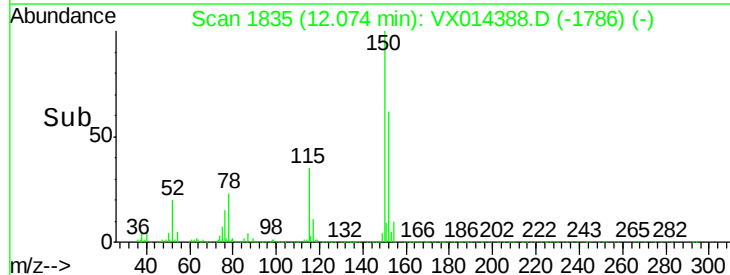
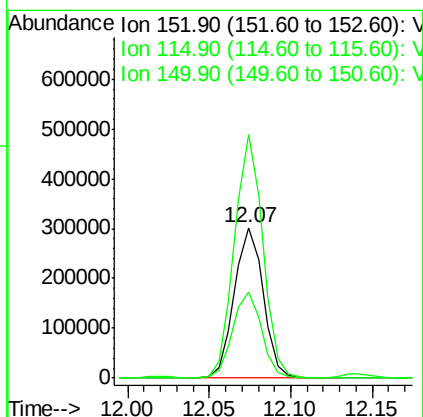
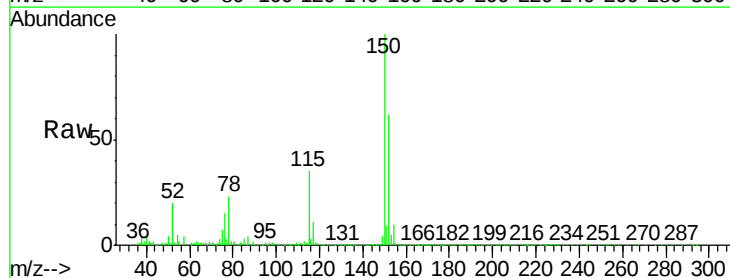
Instrument :
MSVOA_X
ClientSampleId :
K500-5ME

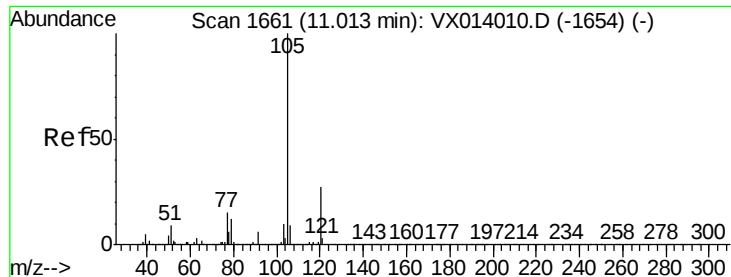
Tgt Ion:104 Resp: 4527
Ion Ratio Lower Upper
104 100
78 212.9 38.5 57.7#
103 215.0 42.9 64.3#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX014388.D
Acq: 31 Dec 2019 18:23

Tgt Ion:152 Resp: 370827
Ion Ratio Lower Upper
152 100
115 56.8 38.3 114.9
150 159.3 0.0 345.4





#73

Isopropylbenzene

Concen: 0.390 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX014388.D

Acq: 31 Dec 2019 18:23

Instrument :

MSVOA_X

ClientSampleId :

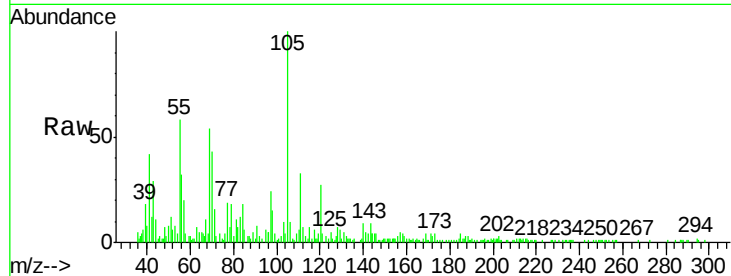
K500-5ME

Tgt Ion: 105 Resp: 10189

Ion Ratio Lower Upper

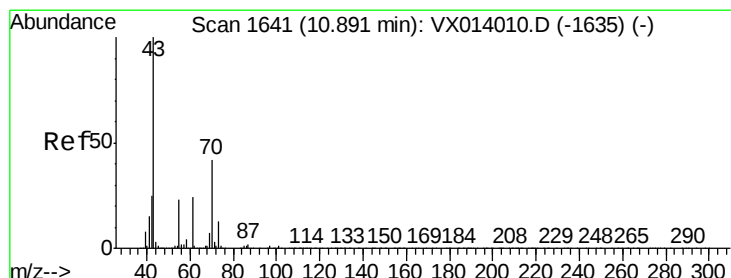
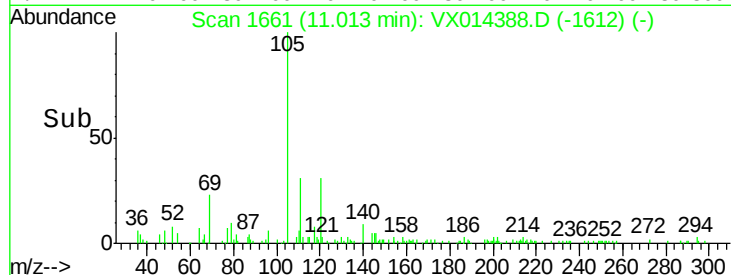
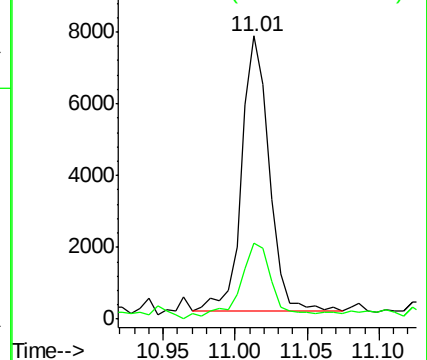
105 100

120 33.7 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: 1.670 ug/l

RT: 10.90 min Scan# 1643

Delta R.T. 0.01 min

Lab File: VX014388.D

Acq: 31 Dec 2019 18:23

Tgt Ion: 43 Resp: 20433

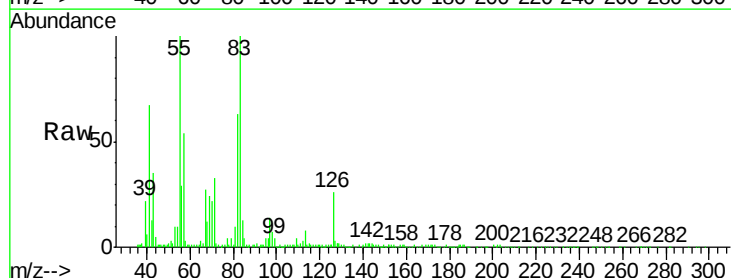
Ion Ratio Lower Upper

43 100

70 67.6 34.4 51.6#

55 300.6 19.1 28.7#

61 0.0 19.7 29.5#

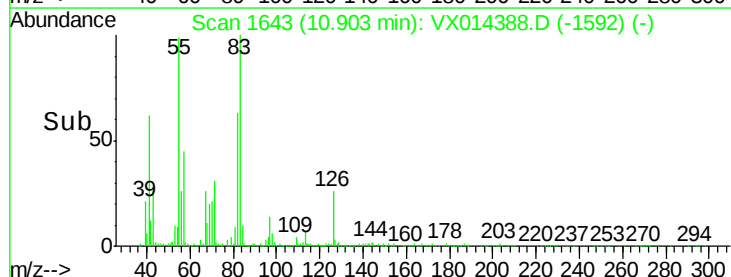
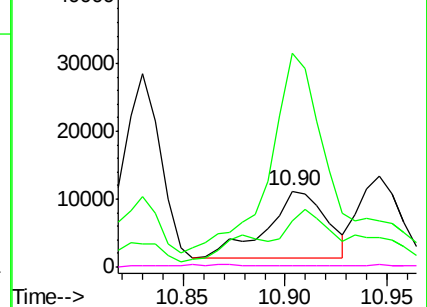


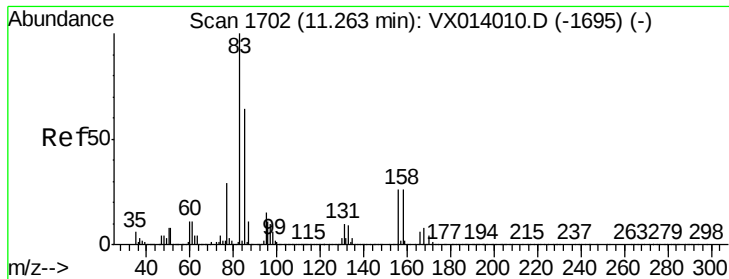
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 0.598 ug/l

RT: 11.27 min Scan# 1703

Delta R.T. 0.01 min

Lab File: VX014388.D

Acq: 31 Dec 2019 18:23

Instrument :

MSVOA_X

ClientSampleId :

K500-5ME

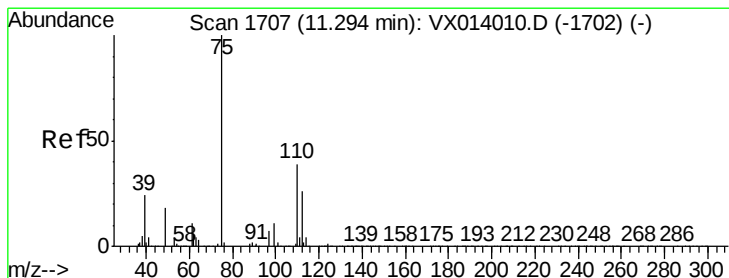
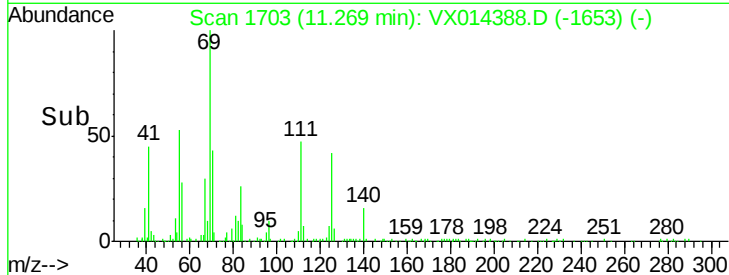
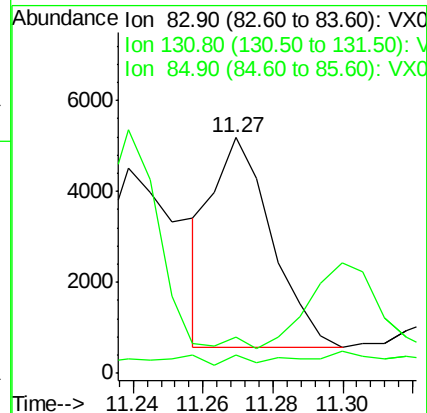
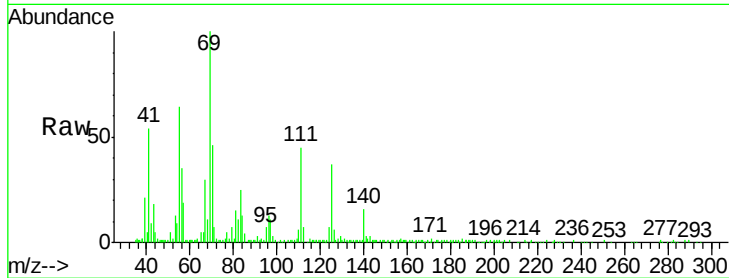
Tgt Ion: 83 Resp: 5409

Ion Ratio Lower Upper

83 100

131 1.9 5.1 15.2#

85 0.0 31.9 95.7#



#76

1,2,3-Trichloropropane

Concen: 21.793 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.16 min

Lab File: VX014388.D

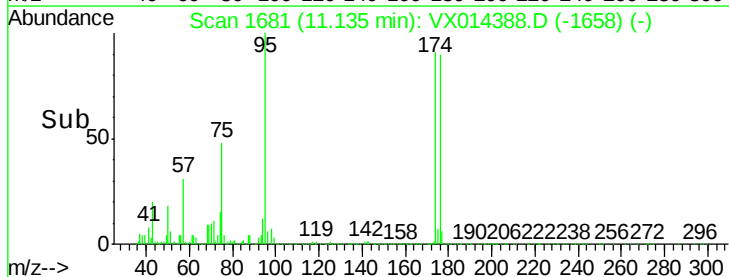
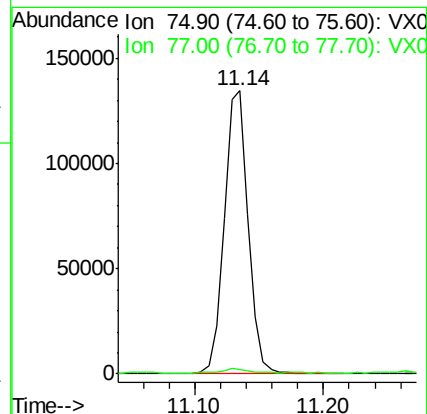
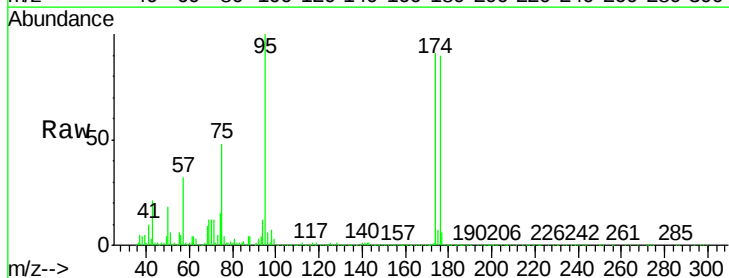
Acq: 31 Dec 2019 18:23

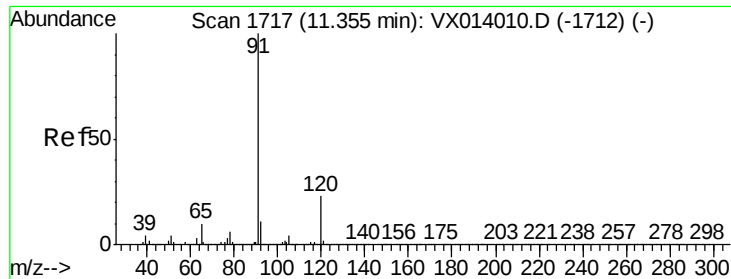
Tgt Ion: 75 Resp: 175447

Ion Ratio Lower Upper

75 100

77 1.5 19.3 57.8#





#78

n-propylbenzene

Concen: 0.984 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX014388.D

Acq: 31 Dec 2019 18:23

Instrument :

MSVOA_X

ClientSampleId :

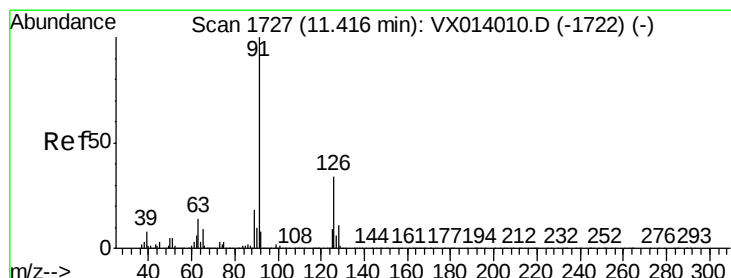
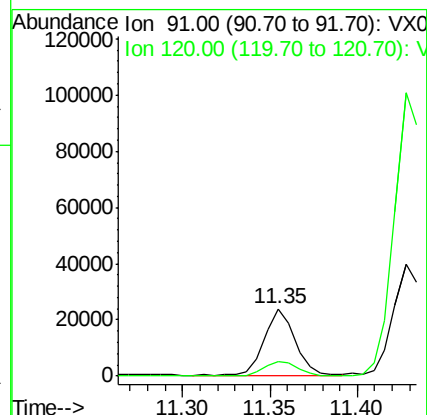
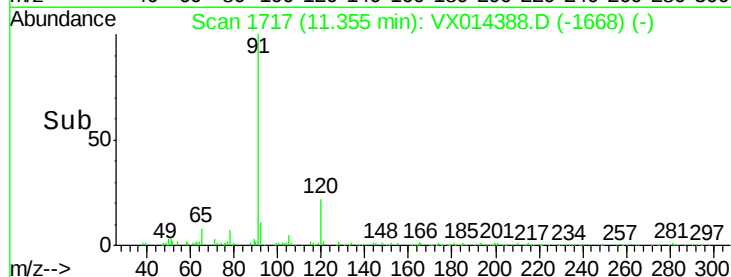
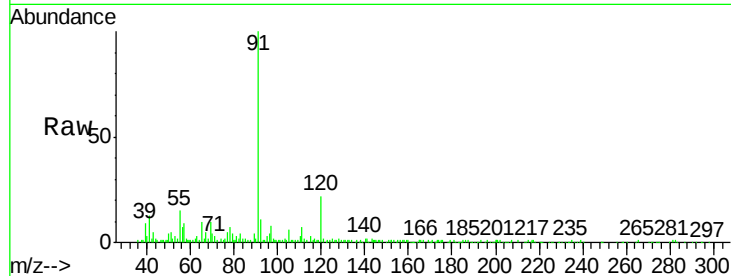
K500-5ME

Tgt Ion: 91 Resp: 28822

Ion Ratio Lower Upper

91 100

120 23.3 11.7 35.0



#79

2-Chlorotoluene

Concen: 3.533 ug/l

RT: 11.43 min Scan# 1729

Delta R.T. 0.01 min

Lab File: VX014388.D

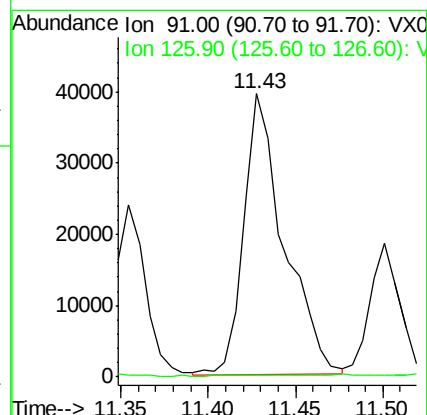
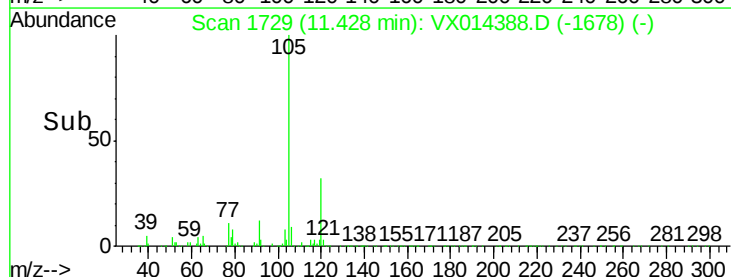
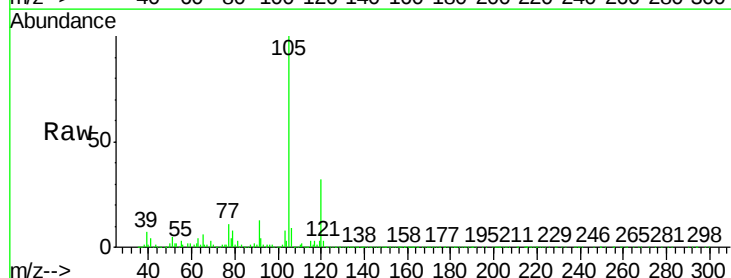
Acq: 31 Dec 2019 18:23

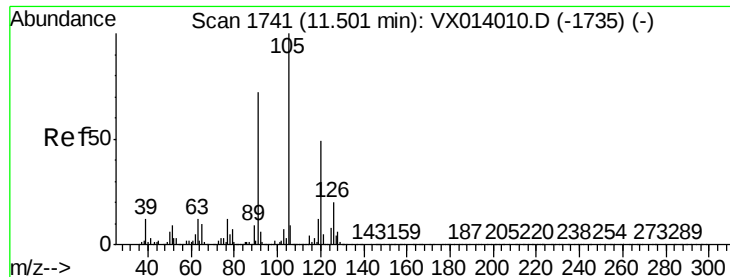
Tgt Ion: 91 Resp: 62893

Ion Ratio Lower Upper

91 100

126 0.3 17.2 51.6#

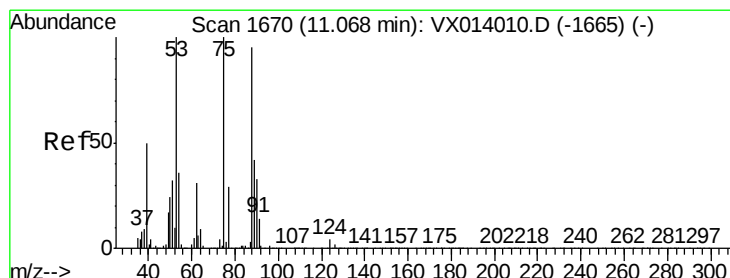
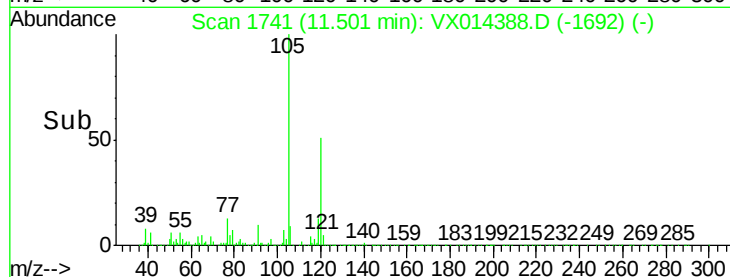
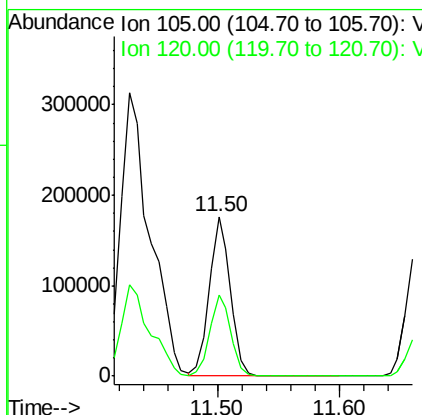
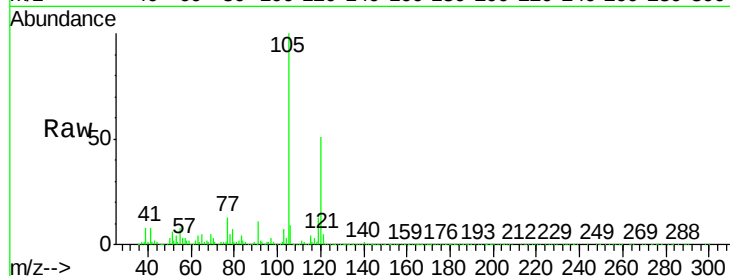




#80
 1,3,5-Trimethylbenzene
 Concen: 9.700 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX014388.D
 Acq: 31 Dec 2019 18:23

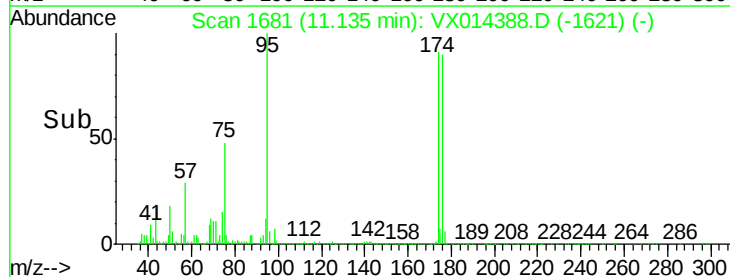
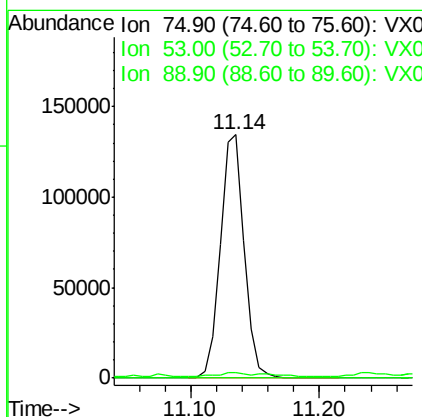
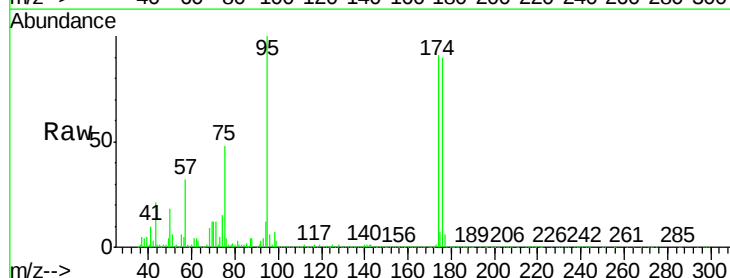
Instrument :
 MSVOA_X
 ClientSampleId :
 K500-5ME

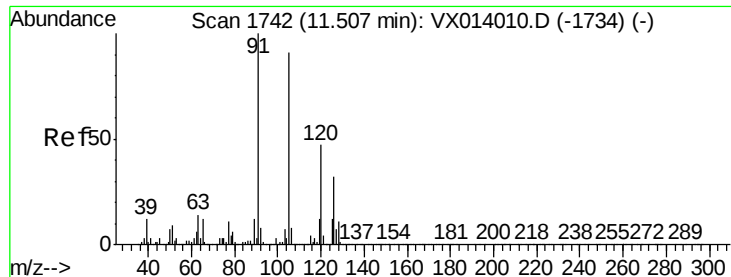
Tgt Ion: 105 Resp: 213146
 Ion Ratio Lower Upper
 105 100
 120 50.3 25.3 75.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.511 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. 0.07 min
 Lab File: VX014388.D
 Acq: 31 Dec 2019 18:23

Tgt Ion: 75 Resp: 175447
 Ion Ratio Lower Upper
 75 100
 53 2.1 76.7 115.1#
 89 0.3 34.6 51.8#





#82

4-Chlorotoluene

Concen: 1.076 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.01 min

Lab File: VX014388.D

Acq: 31 Dec 2019 18:23

Instrument :

MSVOA_X

ClientSampleId :

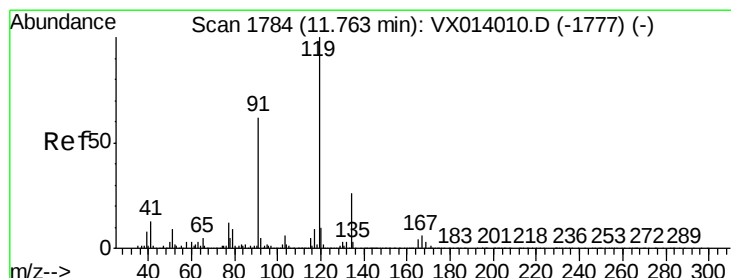
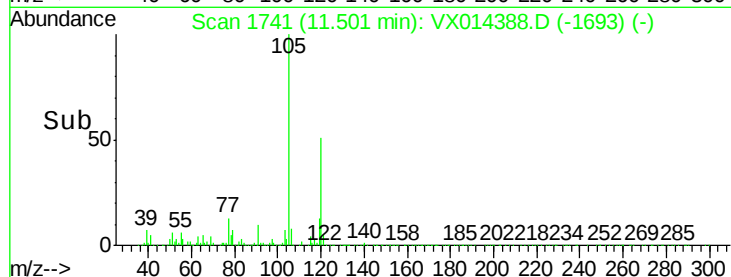
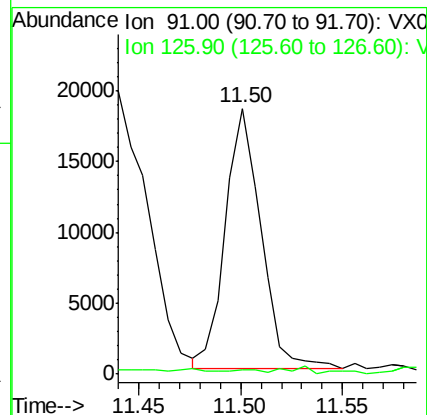
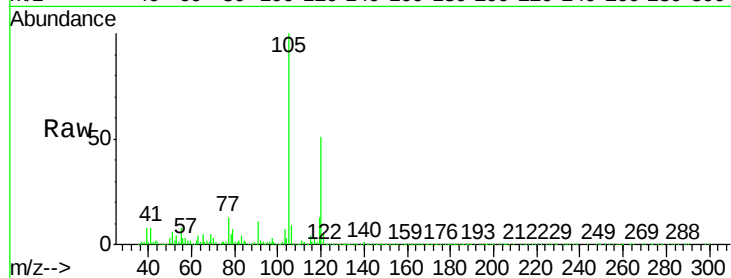
K500-5ME

Tgt Ion: 91 Resp: 22222

Ion Ratio Lower Upper

91 100

126 0.6 15.6 46.8#



#83

tert-Butylbenzene

Concen: 4.004 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. 0.04 min

Lab File: VX014388.D

Acq: 31 Dec 2019 18:23

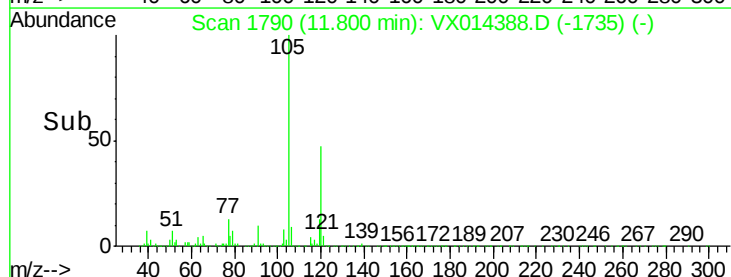
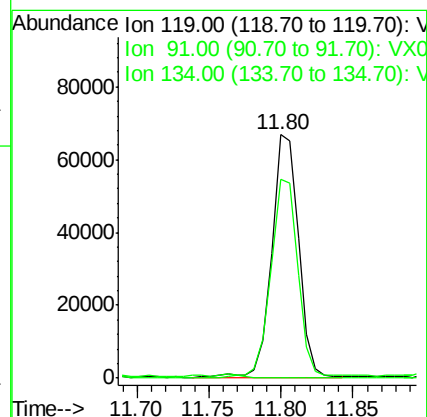
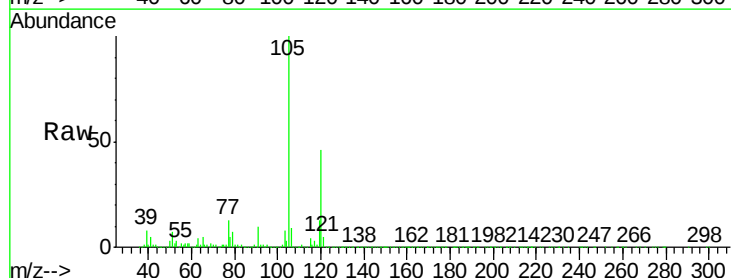
Tgt Ion: 119 Resp: 85613

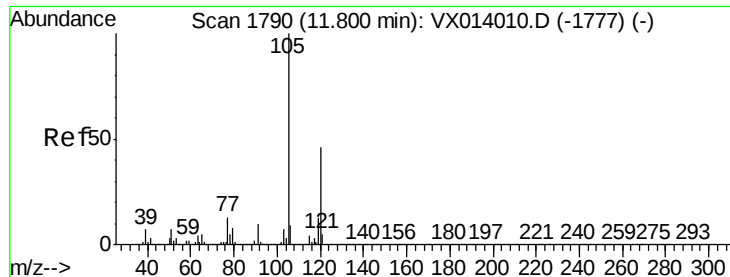
Ion Ratio Lower Upper

119 100

91 80.9 28.5 85.6

134 0.0 12.2 36.6#





#84

1,2,4-Trimethylbenzene

Concen: 30.772 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX014388.D

Acq: 31 Dec 2019 18:23

Instrument :

MSVOA_X

ClientSampleId :

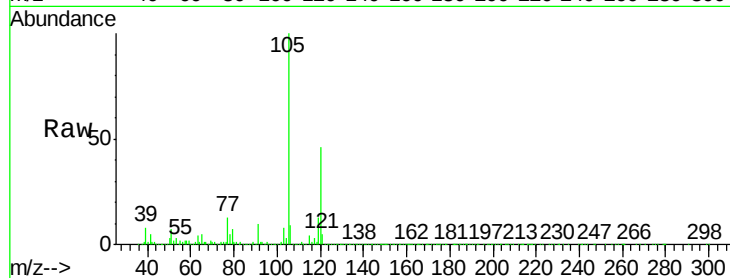
K500-5ME

Tgt Ion:105 Resp: 677139

Ion Ratio Lower Upper

105 100

120 47.0 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

500000

400000

300000

200000

100000

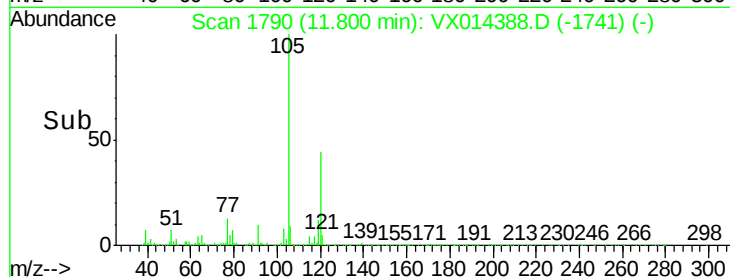
0

11.80

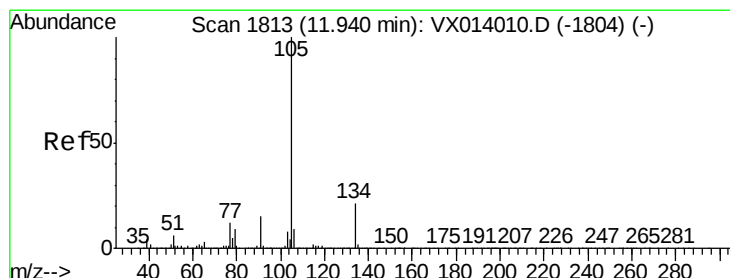
11.70

11.80

11.90



Time--> 11.70 11.80 11.90



#85

sec-Butylbenzene

Concen: 1.482 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX014388.D

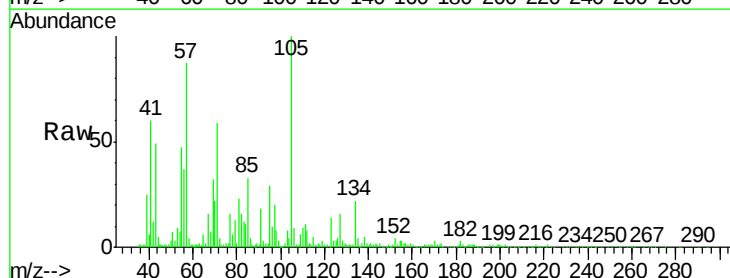
Acq: 31 Dec 2019 18:23

Tgt Ion:105 Resp: 37412

Ion Ratio Lower Upper

105 100

134 31.0 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

30000

20000

10000

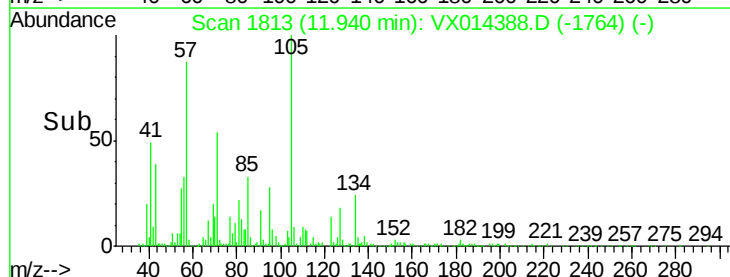
0

11.94

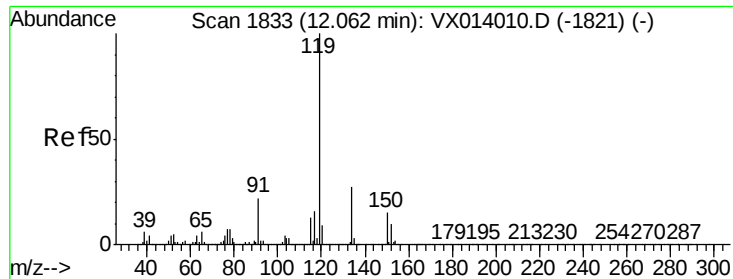
11.90

11.95

12.00



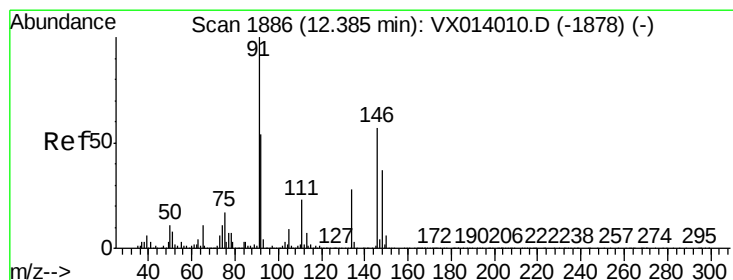
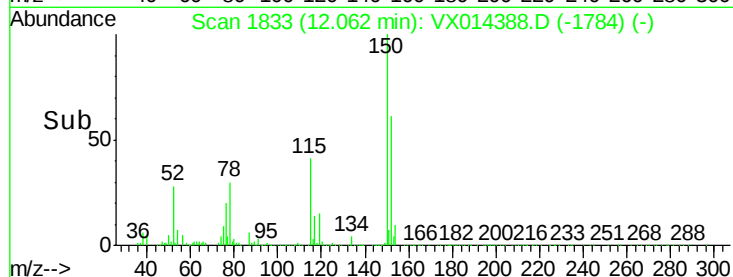
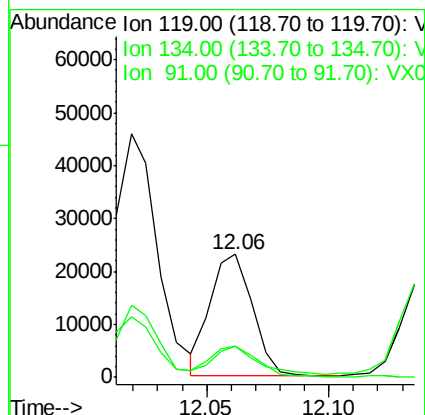
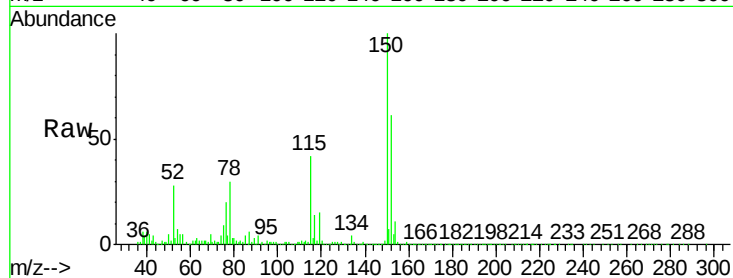
Time--> 11.90 11.95 12.00



#86
p-Isopropyltoluene
Concen: 1.193 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX014388.D
Acq: 31 Dec 2019 18:23

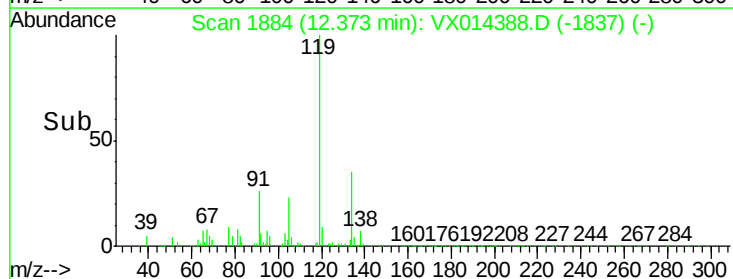
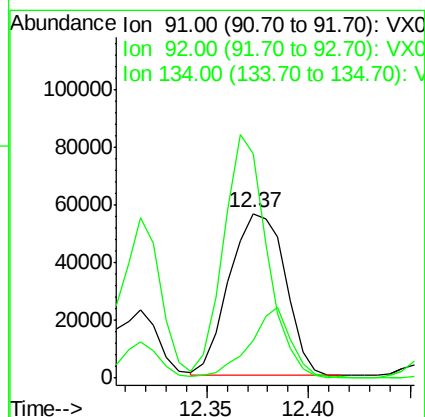
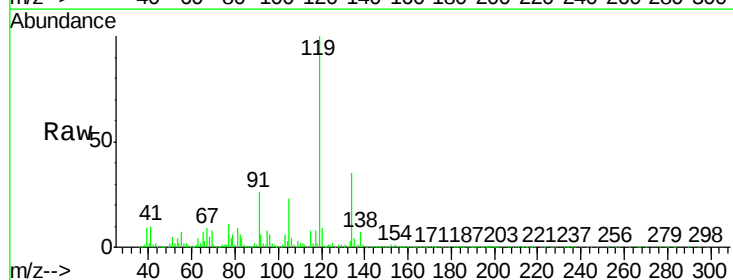
Instrument :
MSVOA_X
ClientSampleId :
K500-5ME

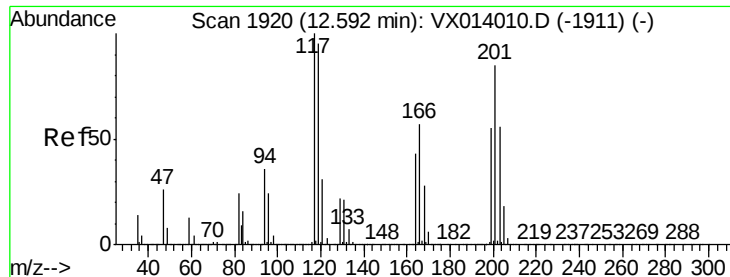
Tgt Ion: 119 Resp: 27554
Ion Ratio Lower Upper
119 100
134 26.8 13.4 40.1
91 24.1 11.4 34.1



#89
n-Butylbenzene
Concen: 5.422 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. -0.01 min
Lab File: VX014388.D
Acq: 31 Dec 2019 18:23

Tgt Ion: 91 Resp: 106835
Ion Ratio Lower Upper
91 100
92 32.2 27.2 81.6
134 115.7 13.4 40.1#





#90

Hexachloroethane

Concen: 4.023 ug/l

RT: 12.58 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VX014388.D

Acq: 31 Dec 2019 18:23

Instrument :

MSVOA_X

ClientSampleId :

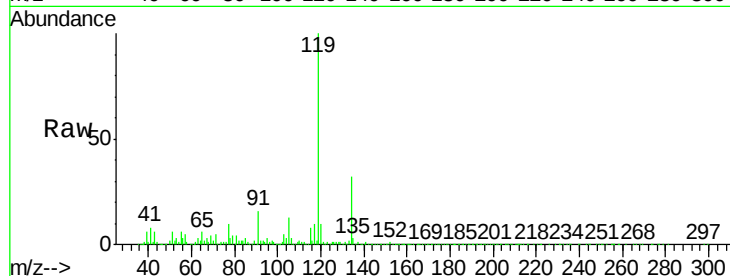
K500-5ME

Tgt Ion: 117 Resp: 16685

Ion Ratio Lower Upper

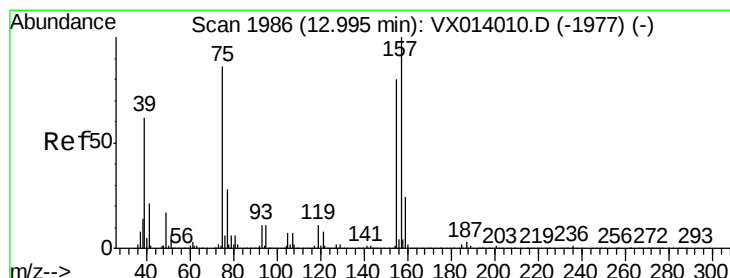
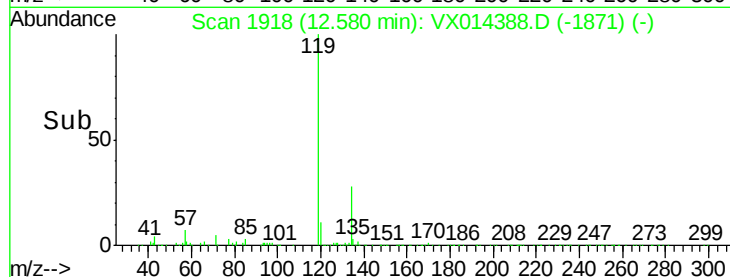
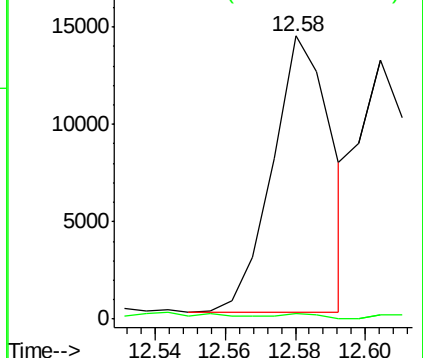
117 100

201 1.6 43.1 129.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.973 ug/l

RT: 12.97 min Scan# 1982

Delta R.T. -0.02 min

Lab File: VX014388.D

Acq: 31 Dec 2019 18:23

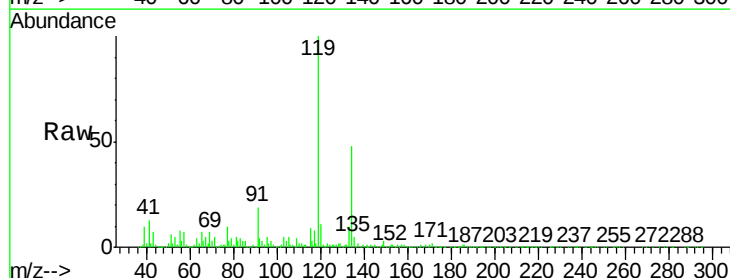
Tgt Ion: 75 Resp: 1949

Ion Ratio Lower Upper

75 100

155 0.0 46.9 140.6#

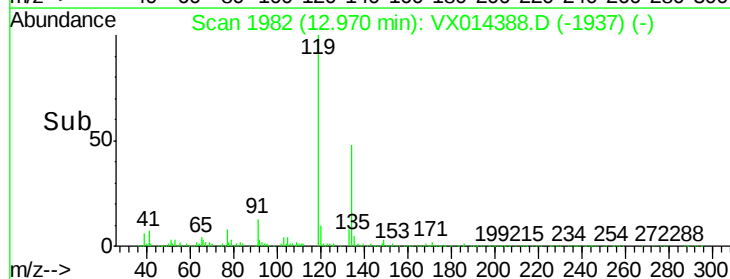
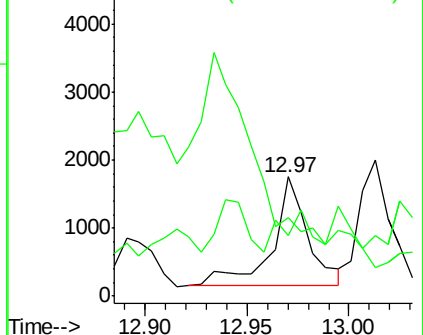
157 54.3 60.8 182.4#

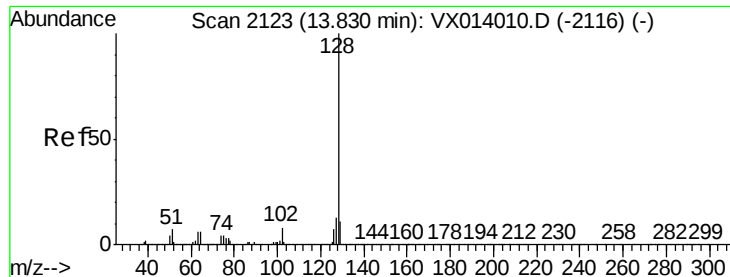


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 2.701 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX014388.D

Acq: 31 Dec 2019 18:23

Instrument :

MSVOA_X

ClientSampleId :

K500-5ME

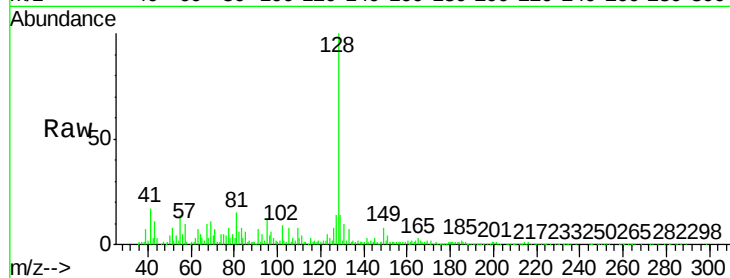
Tgt Ion:128 Resp: 65363

Ion Ratio Lower Upper

128 100

127 15.8 10.2 15.4#

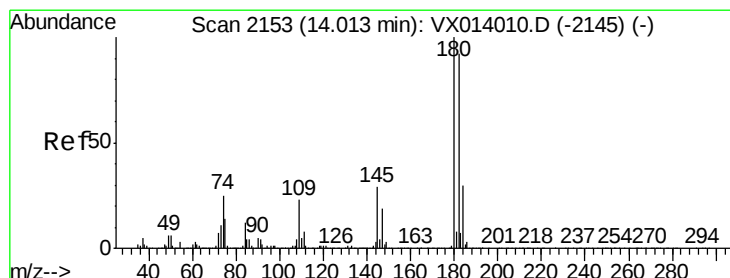
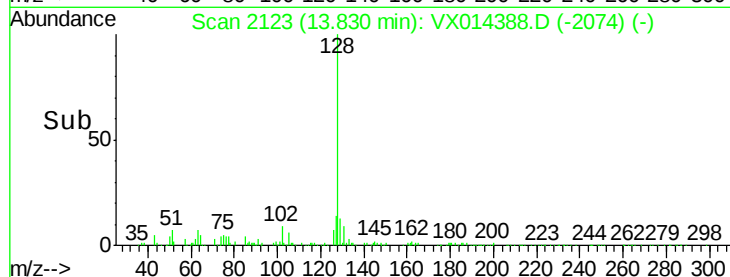
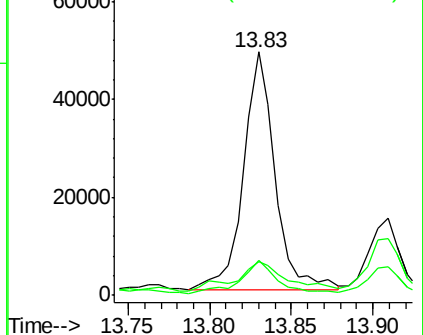
129 21.0 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.526 ug/l

RT: 14.03 min Scan# 2156

Delta R.T. 0.02 min

Lab File: VX014388.D

Acq: 31 Dec 2019 18:23

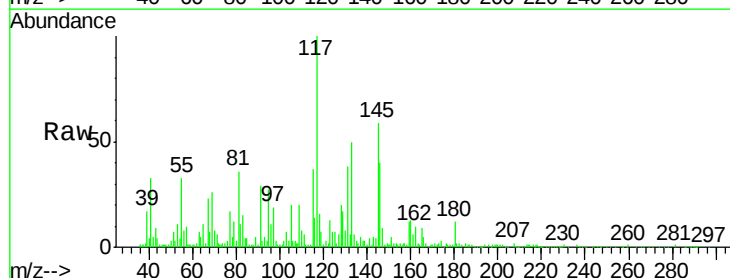
Tgt Ion:180 Resp: 4278

Ion Ratio Lower Upper

180 100

182 12.1 46.8 140.3#

145 612.2 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

