

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021219\
 Data File : VX007487.D
 Acq On : 12 Feb 2019 14:36
 Operator : JC/SP
 Sample : K1433-10DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW031-190207DL

Quant Time: Feb 13 00:10:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	469849	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	739267	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	676294	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	354701	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	253717	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	
35) Dibromofluoromethane	5.50	113	234178	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	
50) Toluene-d8	8.71	98	880214	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	
62) 4-Bromofluorobenzene	11.13	95	319886	49.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	219	0.215	ug/l #	43
5) Bromomethane	1.64	94	3649	0.222	ug/l	81
6) Chloroethane	1.68	64	3500	1.042	ug/l #	84
10) Methyl Iodide	2.51	142	1856	0.261	ug/l #	83
11) Tert butyl alcohol	3.10	59	15405	14.926	ug/l #	73
13) Acrolein	2.30	56	591	1.221	ug/l #	14
15) Acrylonitrile	3.16	53	1690	0.662	ug/l #	37
16) Acetone	2.46	43	3198	1.400	ug/l #	79
17) Carbon Disulfide	2.56	76	2080	2.291	ug/l #	13
18) Methyl Acetate	2.84	43	15925	3.237	ug/l #	54
19) Methyl tert-butyl Ether	3.21	73	472573	32.516	ug/l	99
29) Tetrahydrofuran	5.16	42	1441	0.705	ug/l #	50
31) Cyclohexane	5.57	56	35876	5.173	ug/l	96
36) 1,1-Dichloropropene	5.66	75	30369	4.578	ug/l #	50
38) Carbon Tetrachloride	5.66	117	42584	6.618	ug/l #	17
39) Methylcyclohexane	7.46	83	17252	2.150	ug/l	86
40) Benzene	6.14	78	633811	32.439	ug/l	99
42) 1,2-Dichloroethane	6.15	62	5866	0.868	ug/l	85
43) Isopropyl Acetate	6.44	43	9059	0.875	ug/l #	30
48) Methyl methacrylate	7.73	41	2047	0.395	ug/l #	46
49) 1,4-Dioxane	7.75	88	356	9.882	ug/l #	45
51) 4-Methyl-2-Pentanone	8.65	43	3506	0.515	ug/l	88
52) Toluene	8.79	92	10649	0.845	ug/l	93
59) 2-Hexanone	9.30	43	3556	0.671	ug/l	86
67) Ethyl Benzene	10.25	91	2103429	88.506	ug/l	98
68) m/p-Xylenes	10.36	106	54854	5.806	ug/l	98
69) o-Xylene	10.69	106	66148	7.276	ug/l	99
70) Styrene	10.69	104	5838	0.396	ug/l #	1
71) Bromoform	10.85	173	113	4.053	ug/l #	29
73) Isopropylbenzene	11.02	105	252765	10.487	ug/l	98
76) 1,2,3-Trichloropropane	11.13	75	152099	22.045	ug/l #	33
78) n-propylbenzene	11.36	91	300781	11.380	ug/l	100
79) 2-Chlorotoluene	11.36	91	300781	18.754	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.51	105	25709	1.304	ug/l	95

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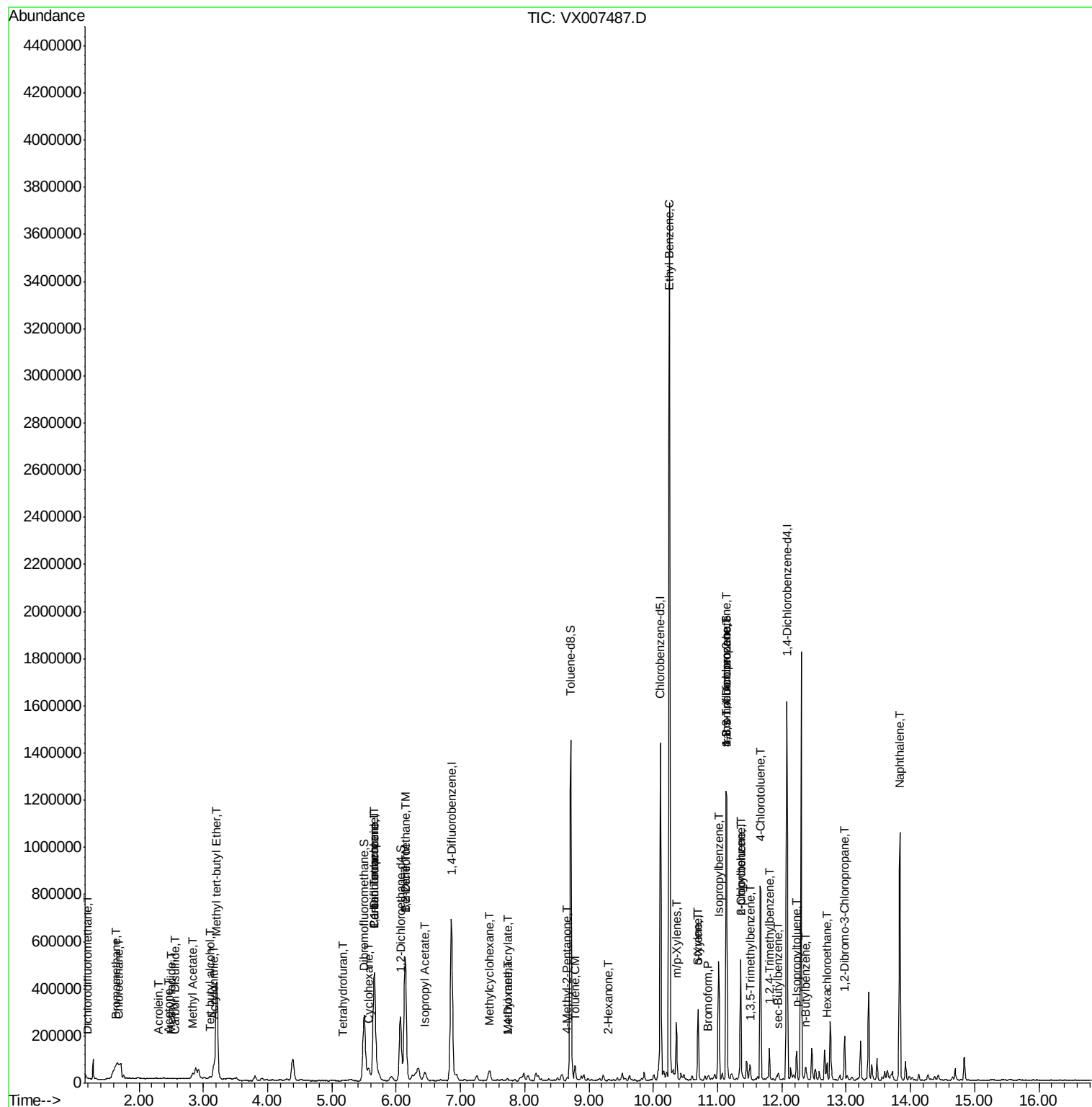
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-buten	11.13	75	152099	66.606	ug/l #	9
82) 4-Chlorotoluene	11.66	91	50370	2.714	ug/l #	43
84) 1,2,4-Trimethylbenzene	11.80	105	55988	2.797	ug/l	94
85) sec-Butylbenzene	11.94	105	11522	0.488	ug/l	98
86) p-Isopropyltoluene	12.23	119	53722	2.519	ug/l	96
89) n-Butylbenzene	12.38	91	12044	0.656	ug/l #	51
90) Hexachloroethane	12.70	117	23105	7.237	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	12.97	75	643	0.421	ug/l #	1
95) Naphthalene	13.83	128	665742	27.831	ug/l	99

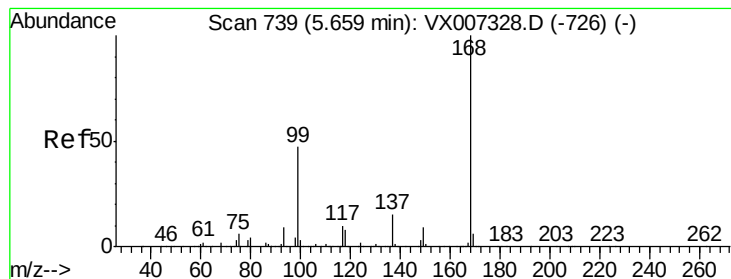
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007487.D

Acq: 12 Feb 2019 14:36

Instrument :

MSVOA_X

ClientSampleId :

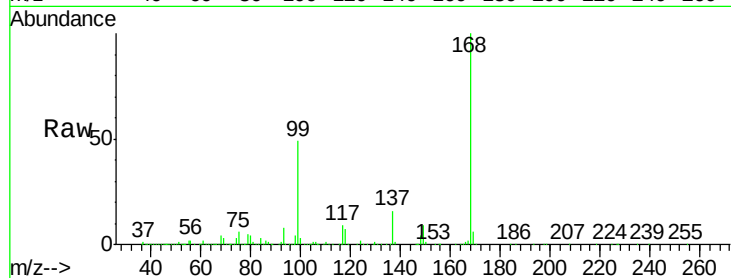
KY001MW031-190207DL

Tot Ion:168 Resp: 469849

Ion Ratio Lower Upper

168 100

99 49.0 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

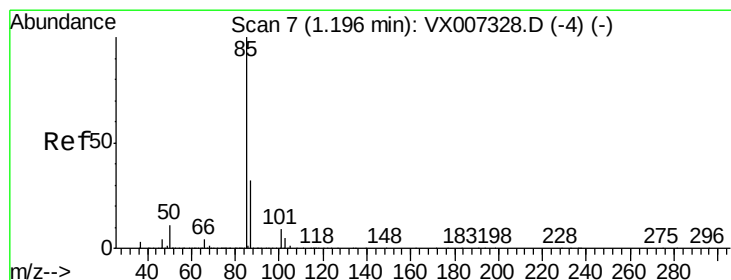
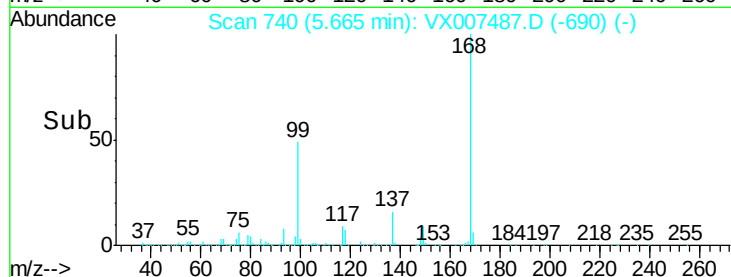
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.215 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX007487.D

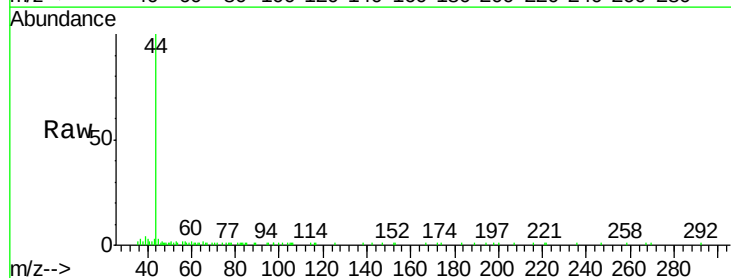
Acq: 12 Feb 2019 14:36

Tgt Ion: 85 Resp: 219

Ion Ratio Lower Upper

85 100

87 0.0 15.8 47.4#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

200

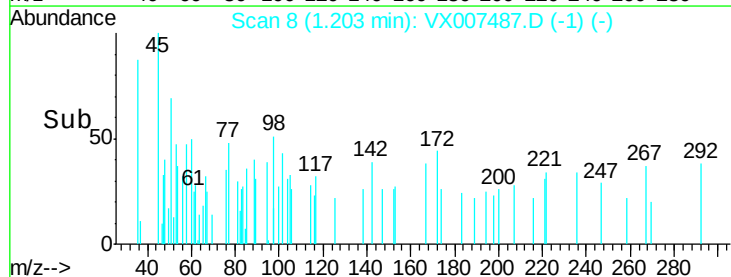
150

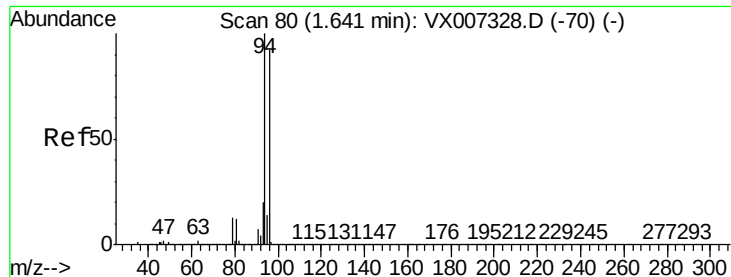
100

50

0

Time-->





#5

Bromomethane

Concen: 0.222 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007487.D

Acq: 12 Feb 2019 14:36

Instrument :

MSVOA_X

ClientSampleId :

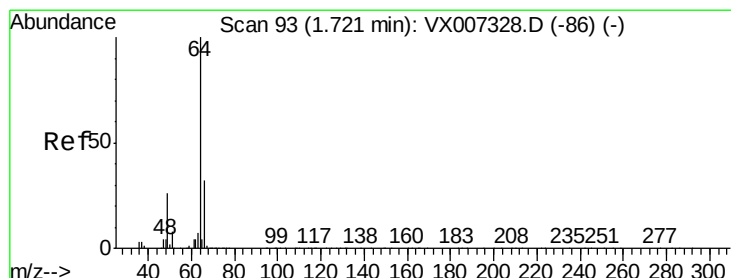
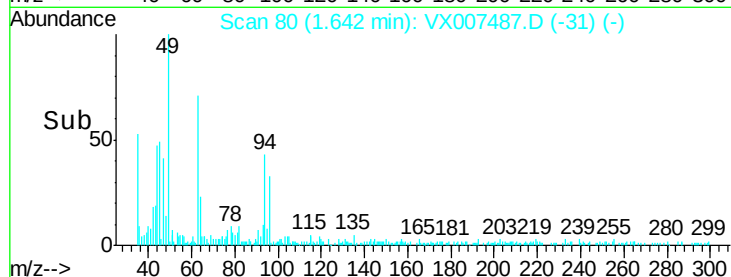
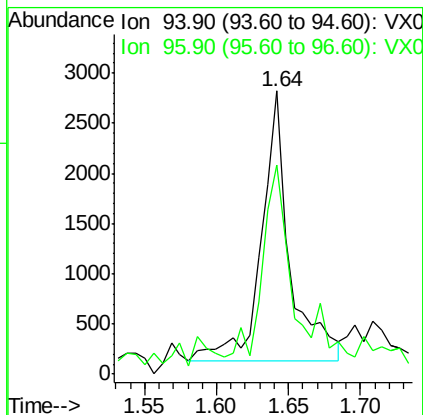
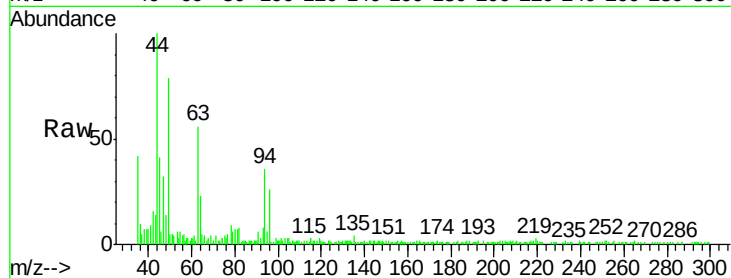
KY001MW031-190207DL

Tot Ion: 94 Resp: 3649

Ion Ratio Lower Upper

94 100

96 74.5 73.9 110.9



#6

Chloroethane

Concen: 1.042 ug/l

RT: 1.68 min Scan# 87

Delta R.T. -0.04 min

Lab File: VX007487.D

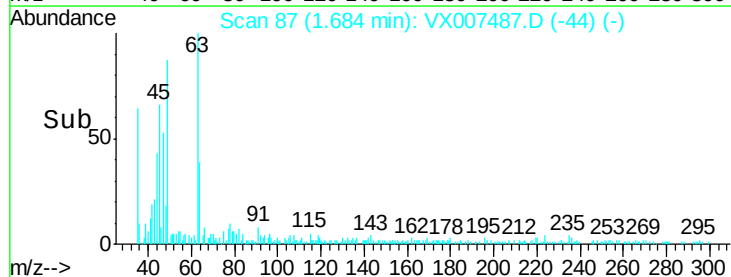
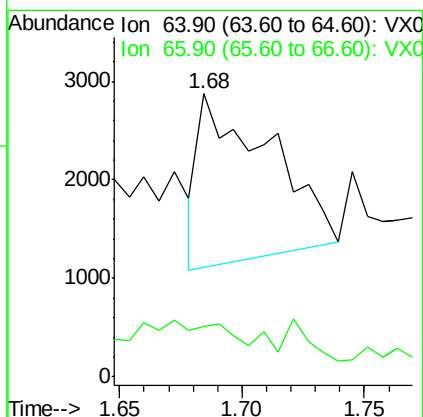
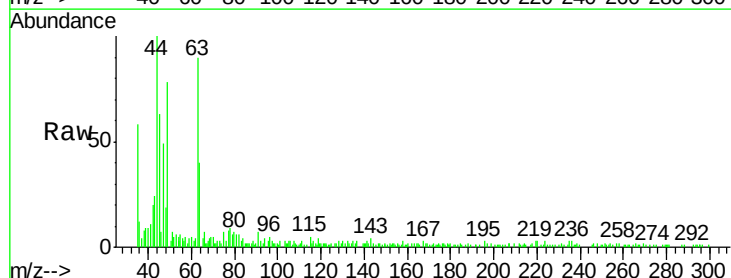
Acq: 12 Feb 2019 14:36

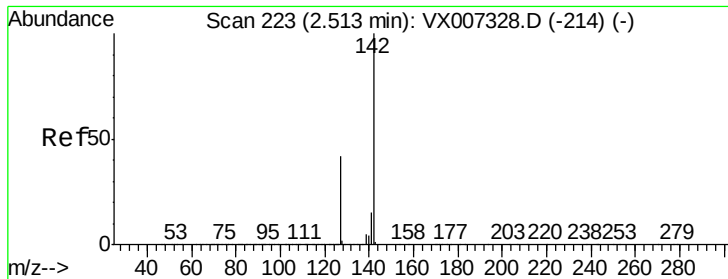
Tgt Ion: 64 Resp: 3500

Ion Ratio Lower Upper

64 100

66 23.3 25.5 38.3#

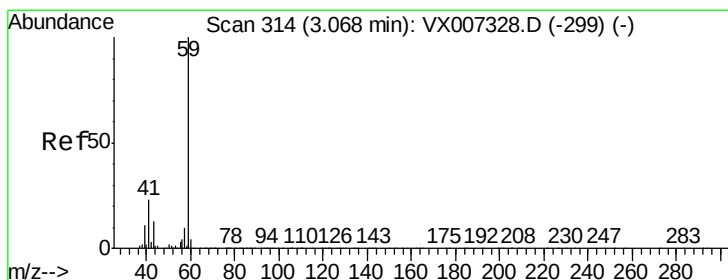
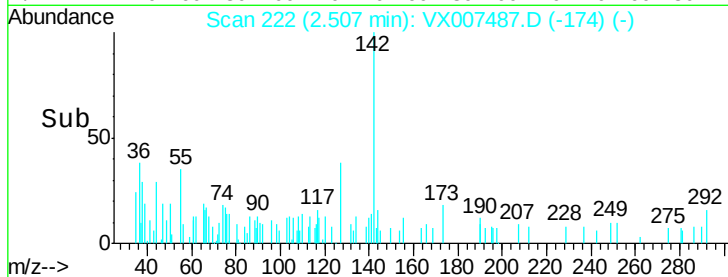
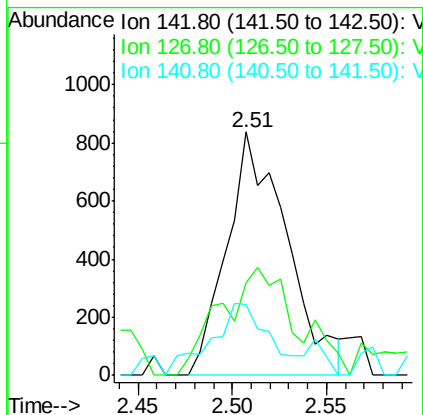
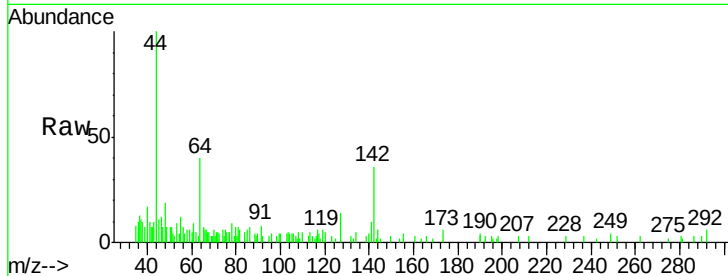




#10
Methvl Iodide
Concen: 0.261 ug/l
RT: 2.51 min Scan# 222
Delta R.T. -0.01 min
Lab File: VX007487.D
Acq: 12 Feb 2019 14:36

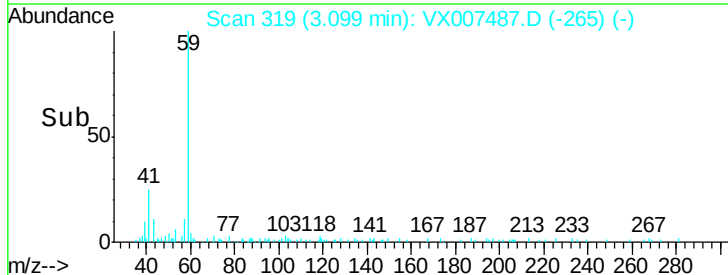
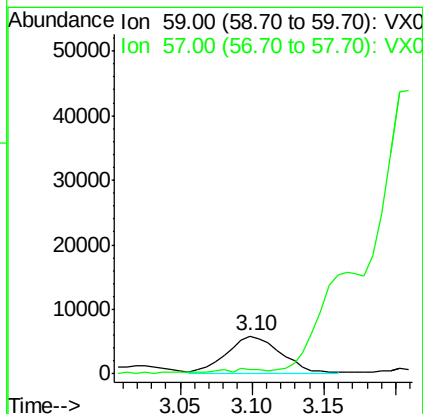
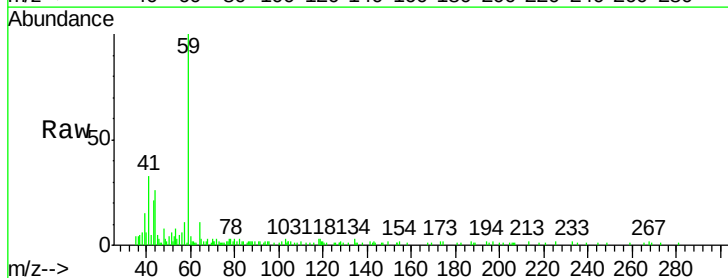
Instrument :
MSVOA_X
ClientSampleId :
KY001MW031-190207DL

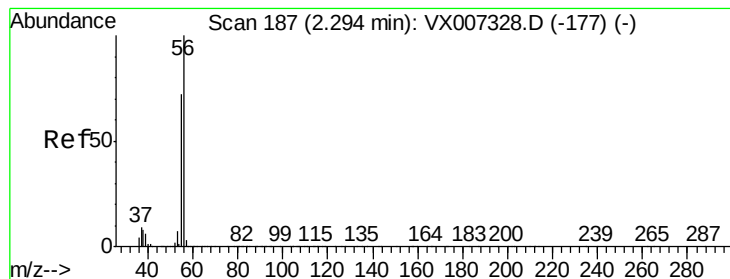
Tot Ion:142 Resp: 1856
Ion Ratio Lower Upper
142 100
127 48.4 33.7 50.5
141 29.3 11.3 16.9#



#11
Tert butyl alcohol
Concen: 14.926 ug/l
RT: 3.10 min Scan# 319
Delta R.T. 0.03 min
Lab File: VX007487.D
Acq: 12 Feb 2019 14:36

Tgt Ion: 59 Resp: 15405
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#





#13

Acrolein

Concen: 1.221 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX007487.D

Acq: 12 Feb 2019 14:36

Instrument :

MSVOA_X

ClientSampleId :

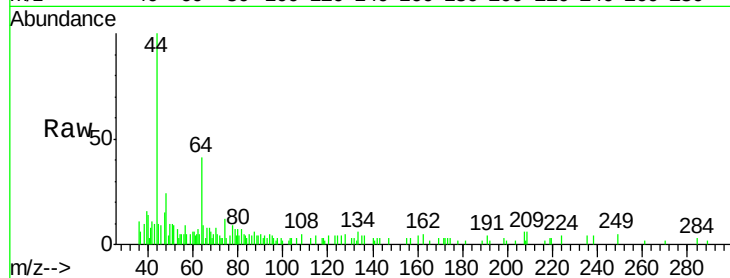
KY001MW031-190207DL

Tot Ion: 56 Resp: 591

Ion Ratio Lower Upper

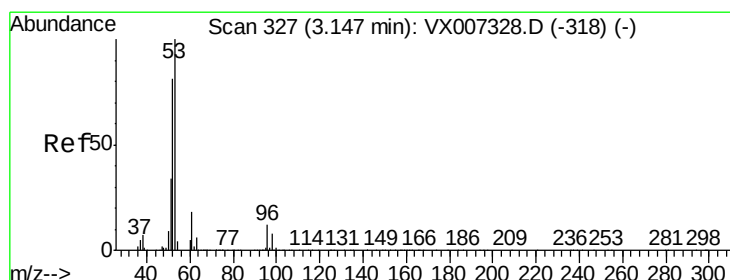
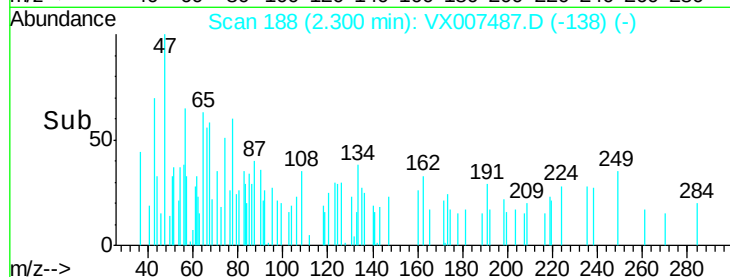
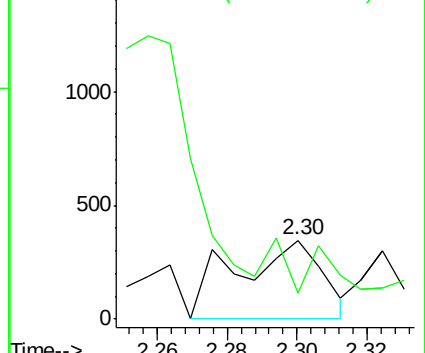
56 100

55 0.0 56.9 85.3#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#15

Acrylonitrile

Concen: 0.662 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.01 min

Lab File: VX007487.D

Acq: 12 Feb 2019 14:36

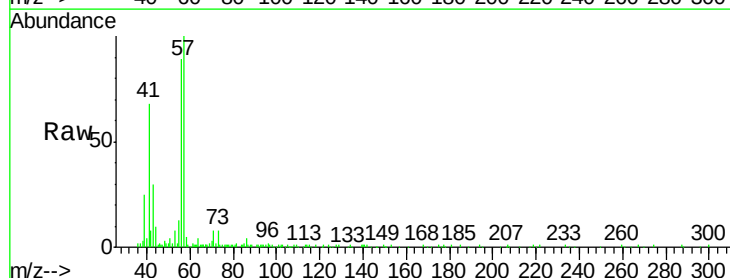
Tgt Ion: 53 Resp: 1690

Ion Ratio Lower Upper

53 100

52 25.0 66.4 99.6#

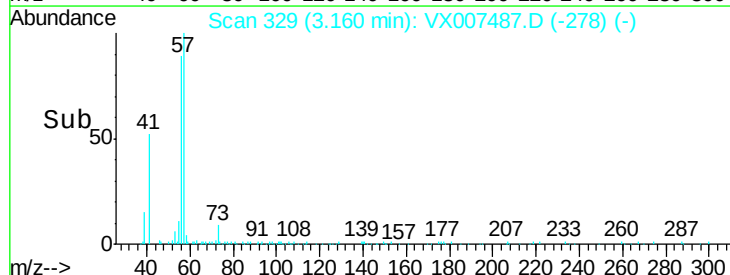
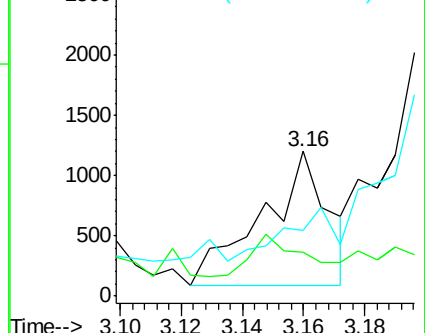
51 0.0 28.4 42.6#

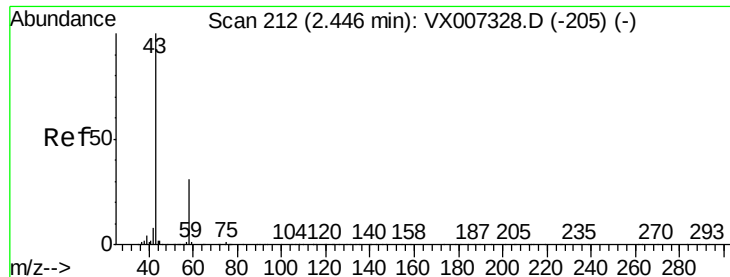


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#16

Acetone

Concen: 1.400 ug/l

RT: 2.46 min Scan# 214

Delta R.T. 0.01 min

Lab File: VX007487.D

Acq: 12 Feb 2019 14:36

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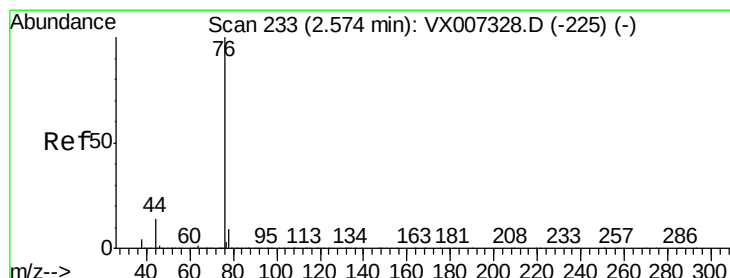
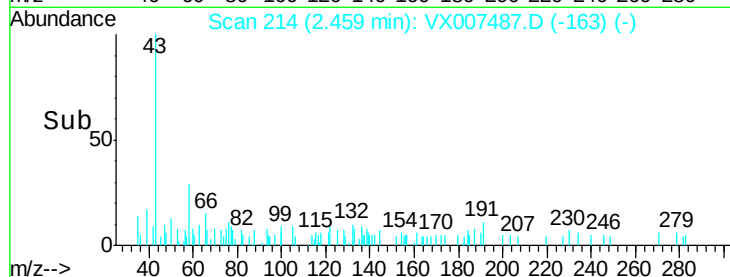
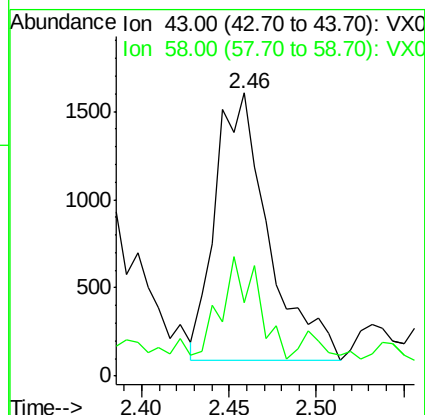
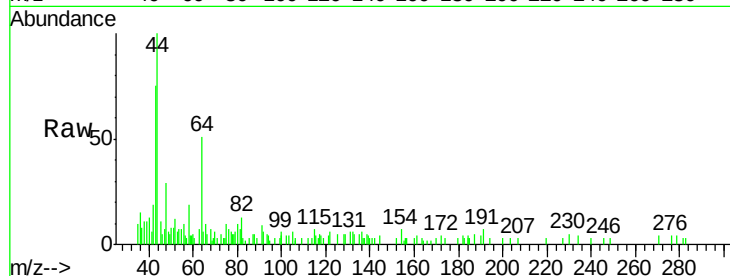
KY001MW031-190207DL

Tot Ion: 43 Resp: 3198

Ion Ratio Lower Upper

43 100

58 19.6 24.9 37.3#



#17

Carbon Disulfide

Concen: 2.291 ug/l

RT: 2.56 min Scan# 230

Delta R.T. -0.02 min

Lab File: VX007487.D

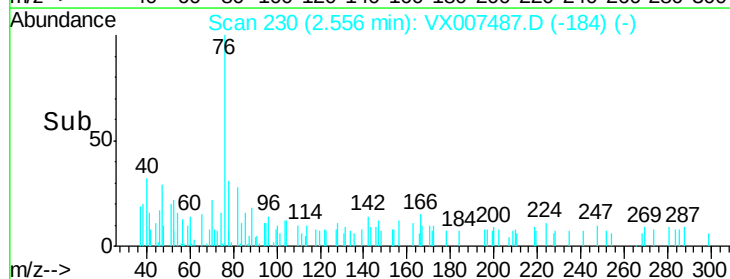
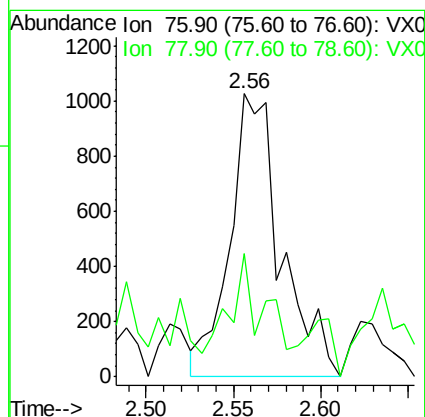
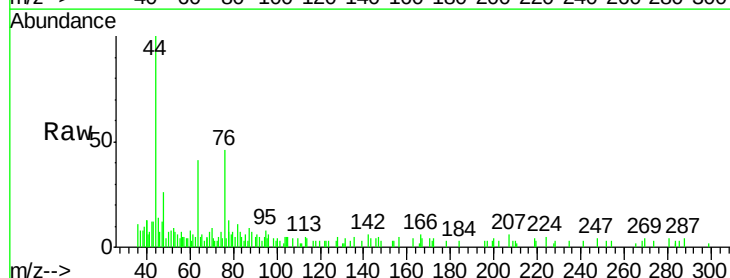
Acq: 12 Feb 2019 14:36

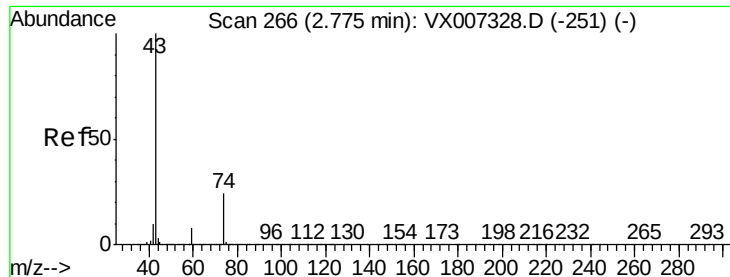
Tgt Ion: 76 Resp: 2080

Ion Ratio Lower Upper

76 100

78 40.2 7.1 10.7#

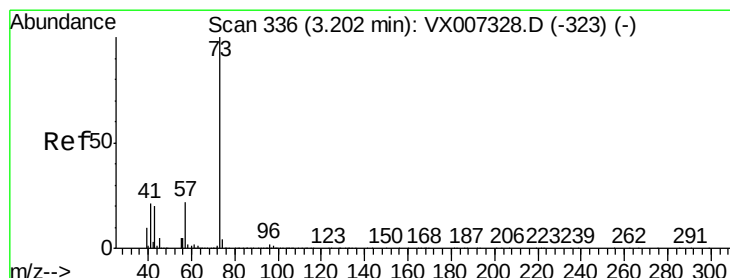
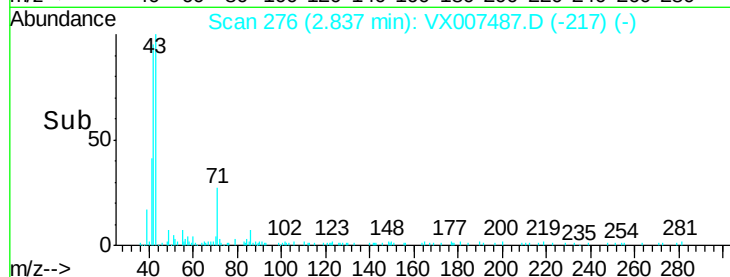
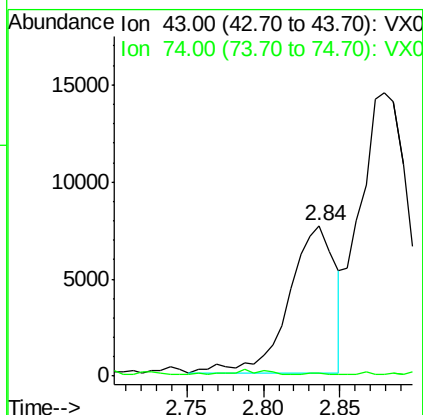
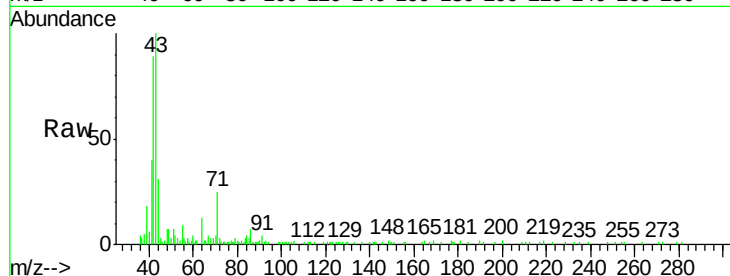




#18
Methyl Acetate
Concen: 3.237 ug/l
RT: 2.84 min Scan# 276
Delta R.T. 0.06 min
Lab File: VX007487.D
Acq: 12 Feb 2019 14:36

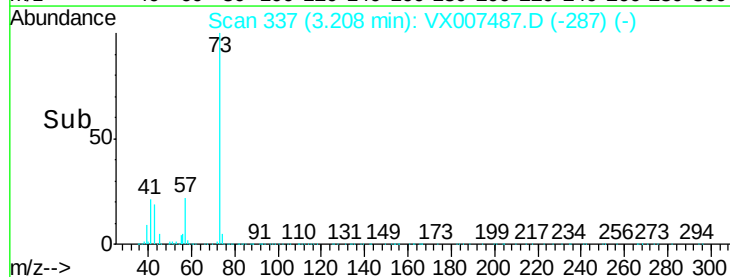
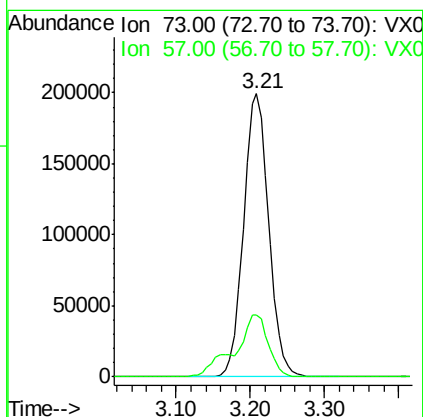
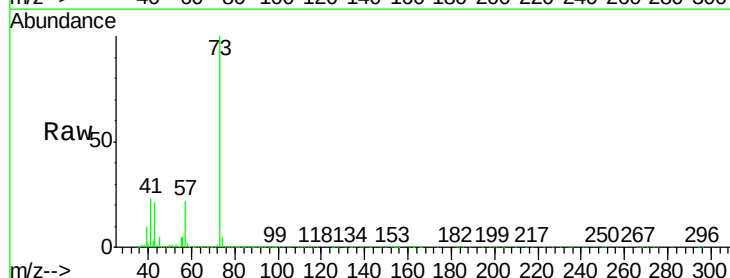
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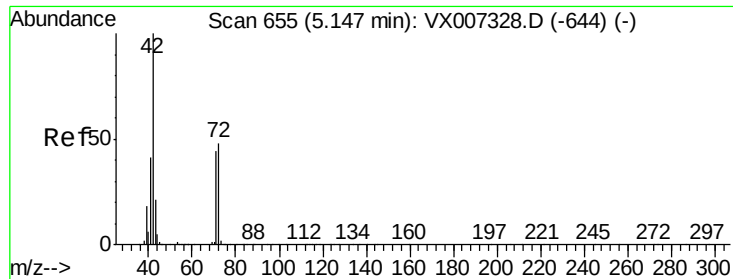
Tot Ion: 43 Resp: 15925
Ion Ratio Lower Upper
43 100
74 1.4 19.4 29.2#



#19
Methyl tert-butyl Ether
Concen: 32.516 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX007487.D
Acq: 12 Feb 2019 14:36

Tgt Ion: 73 Resp: 472573
Ion Ratio Lower Upper
73 100
57 21.9 17.8 26.8

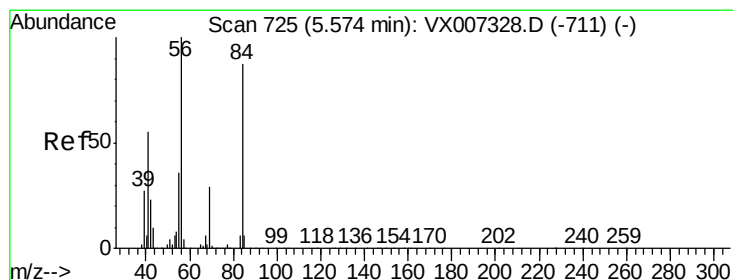
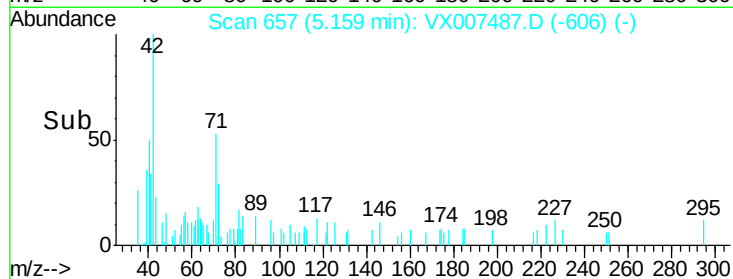
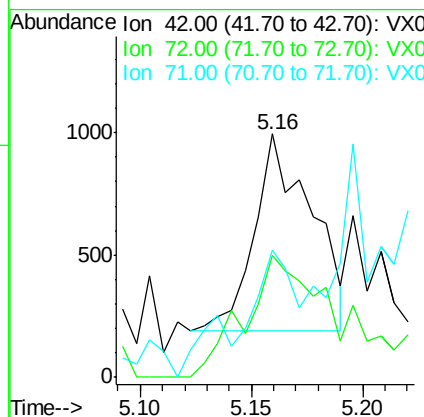
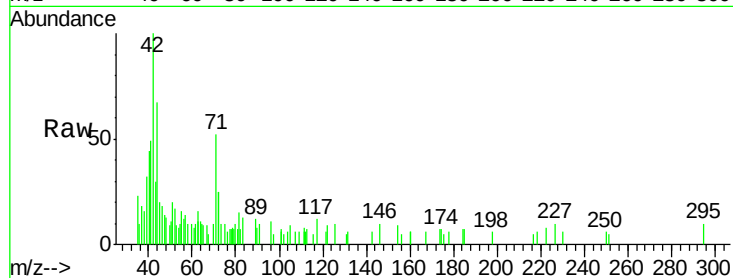




#29
Tetrahydrofuran
Concen: 0.705 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX007487.D
Acq: 12 Feb 2019 14:36

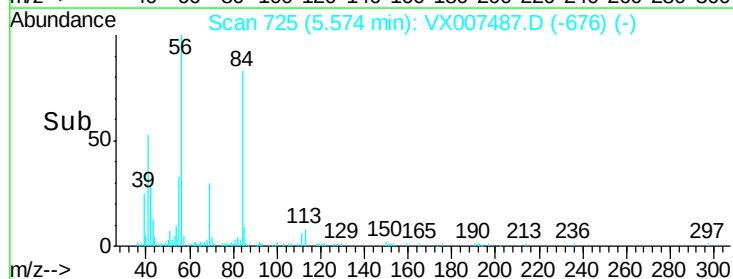
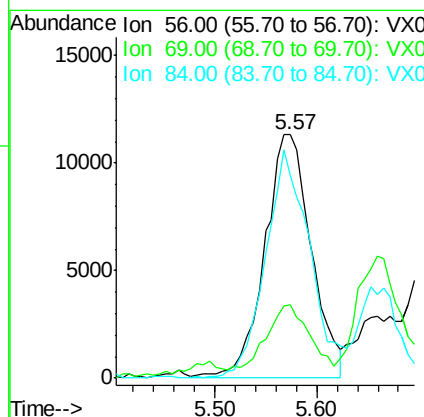
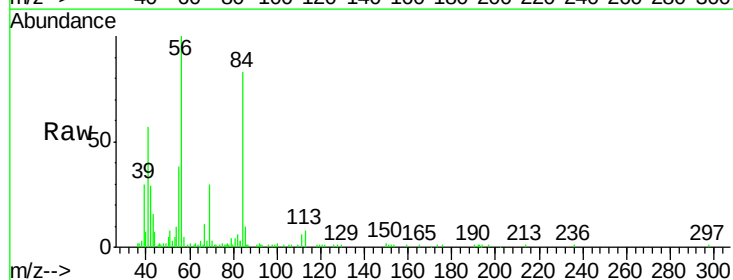
Instrument :
MSVOA_X
ClientSampleId :
KY001MW031-190207DL

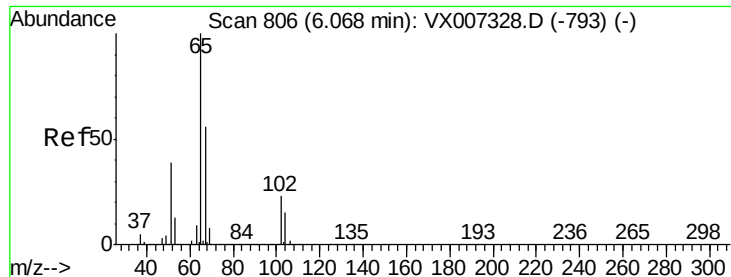
Tot Ion: 42 Resp: 1441
Ion Ratio Lower Upper
42 100
72 97.4 37.6 56.4#
71 28.9 34.6 51.8#



#31
Cyclohexane
Concen: 5.173 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX007487.D
Acq: 12 Feb 2019 14:36

Tgt Ion: 56 Resp: 35876
Ion Ratio Lower Upper
56 100
69 26.8 23.0 34.6
84 84.0 69.8 104.6

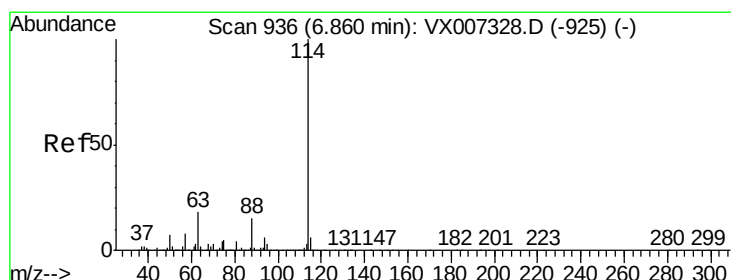
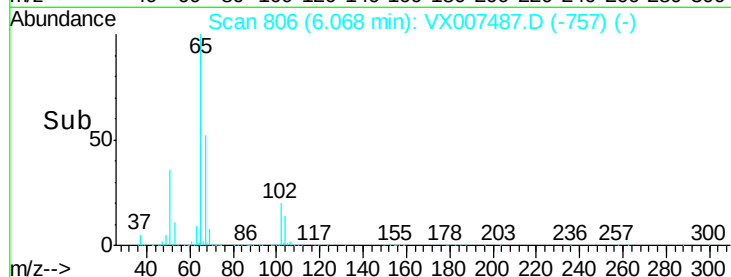
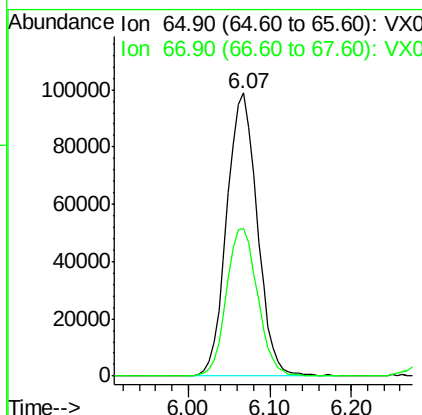
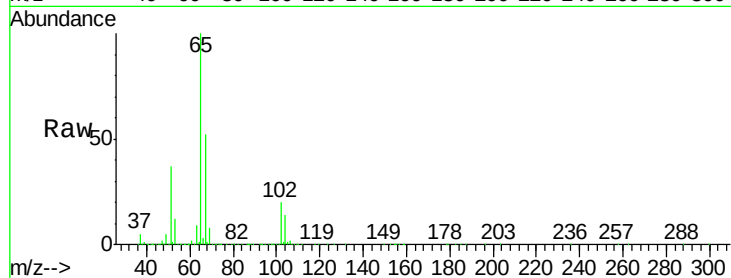




#33
 1,2-Dichloroethane-d4
 Concen: 50.875 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007487.D
 Acq: 12 Feb 2019 14:36

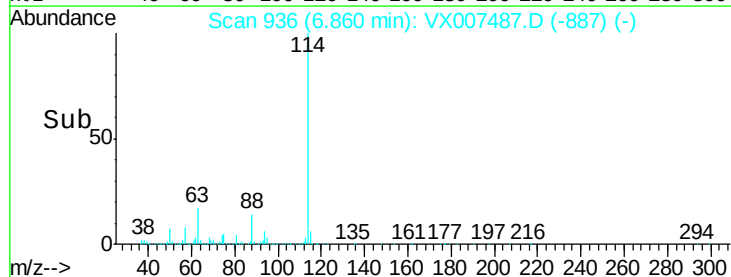
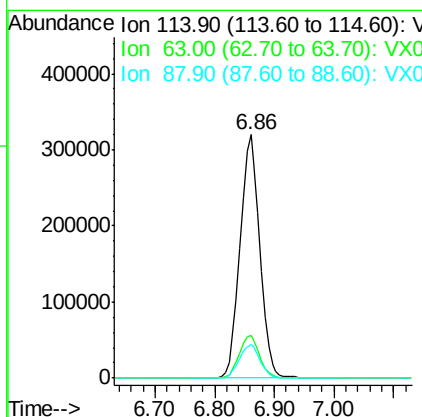
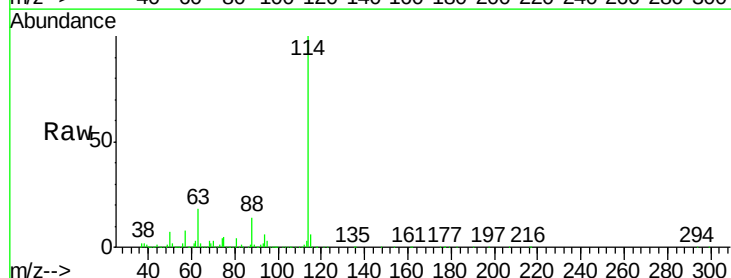
Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW031-190207DL

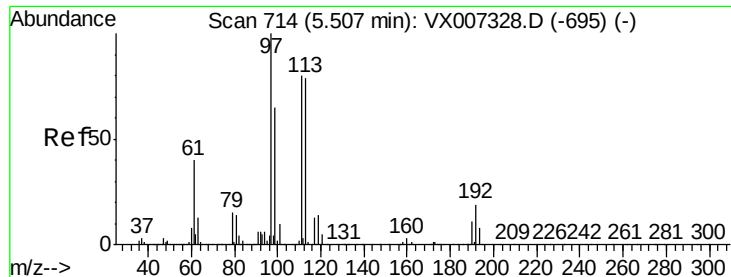
Tot Ion: 65 Resp: 253717
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007487.D
 Acq: 12 Feb 2019 14:36

Tgt Ion: 114 Resp: 739267
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 35.6
 88 13.9 0.0 29.6





#35

Dibromofluoromethane

Concen: 48.684 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX007487.D

Acq: 12 Feb 2019 14:36

Instrument :

MSVOA_X

ClientSampleId :

KY001MW031-190207DL

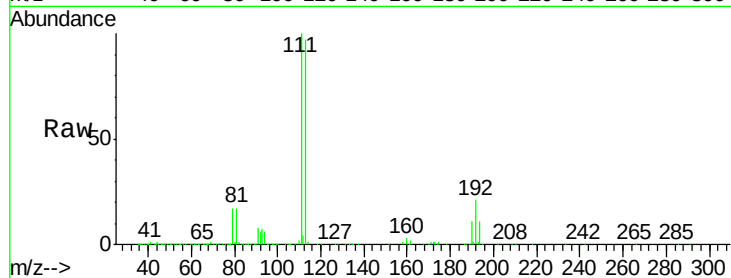
Tot Ion:113 Resp: 234178

Ion Ratio Lower Upper

113 100

111 101.2 81.8 122.8

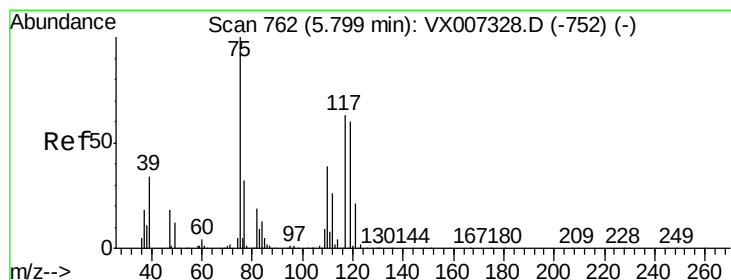
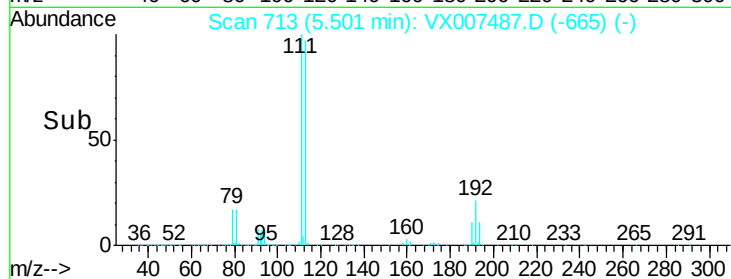
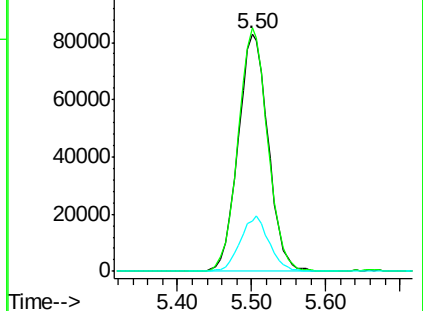
192 22.2 18.5 27.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.578 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX007487.D

Acq: 12 Feb 2019 14:36

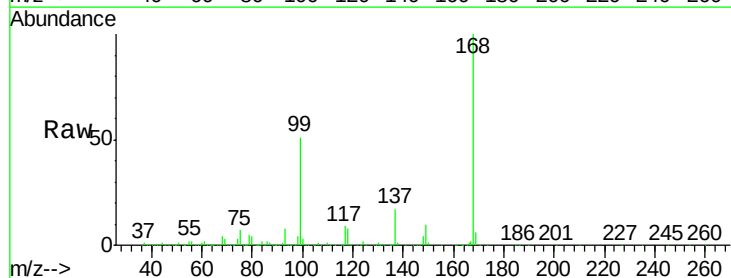
Tgt Ion: 75 Resp: 30369

Ion Ratio Lower Upper

75 100

110 11.9 20.0 59.9#

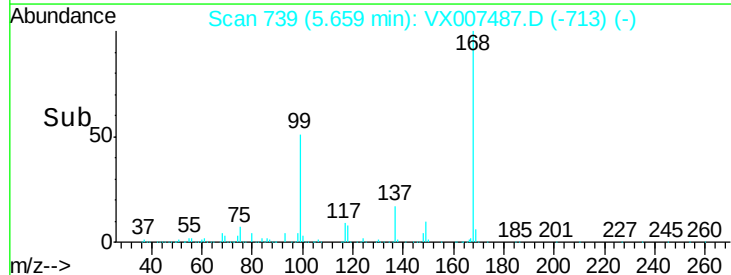
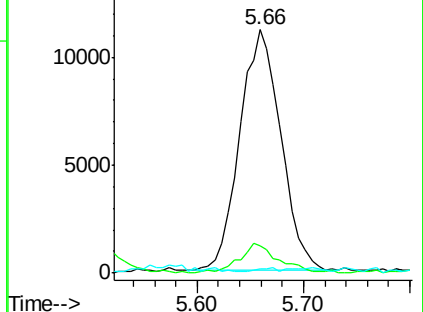
77 0.6 24.7 37.1#

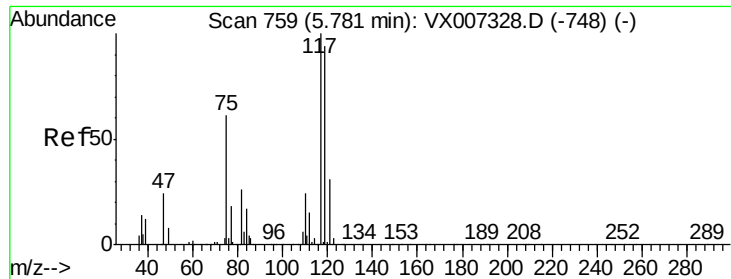


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.618 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX007487.D

Acq: 12 Feb 2019 14:36

Instrument :

MSVOA_X

ClientSampleId :

KY001MW031-190207DL

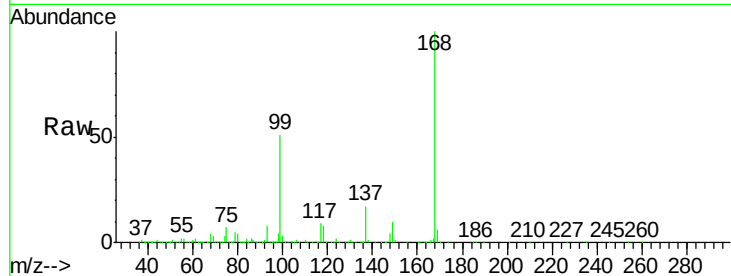
Tot Ion:117 Resp: 42584

Ion Ratio Lower Upper

117 100

119 4.8 75.3 112.9#

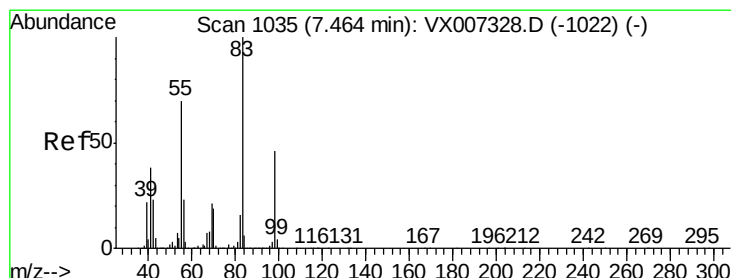
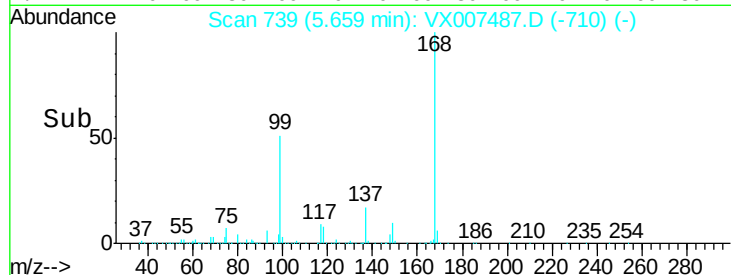
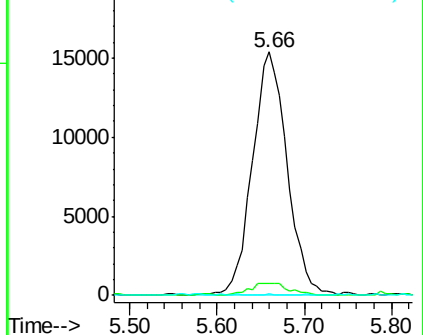
121 0.5 25.0 37.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 2.150 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.01 min

Lab File: VX007487.D

Acq: 12 Feb 2019 14:36

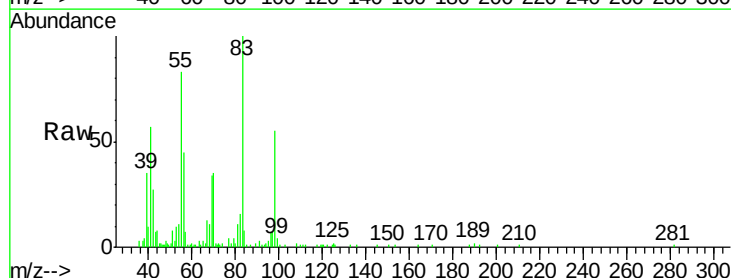
Tgt Ion: 83 Resp: 17252

Ion Ratio Lower Upper

83 100

55 81.9 56.2 84.2

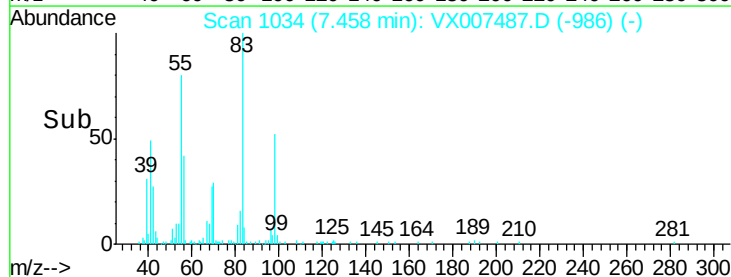
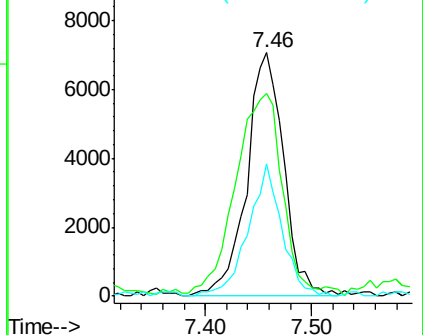
98 54.5 36.8 55.2

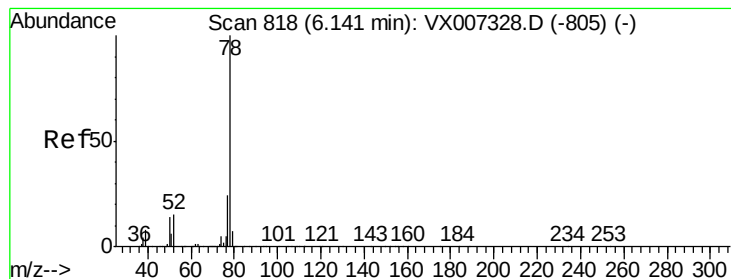


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 32.439 ug/l

RT: 6.14 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX007487.D

Acq: 12 Feb 2019 14:36

Instrument :

MSVOA_X

ClientSampleId :

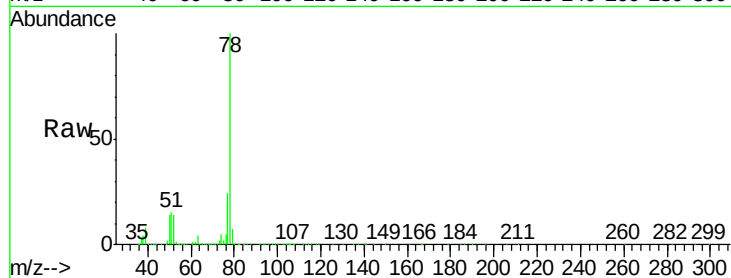
KY001MW031-190207DL

Tot Ion: 78 Resp: 633811

Ion Ratio Lower Upper

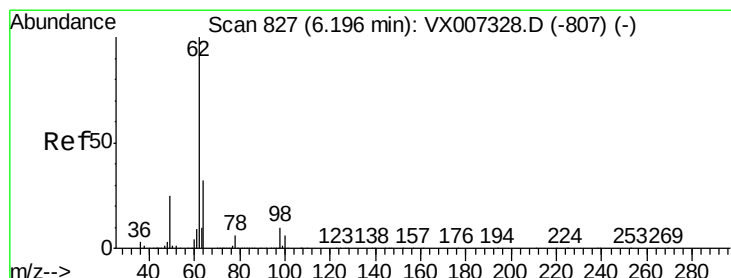
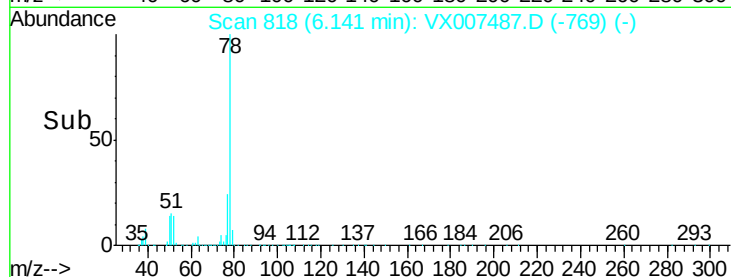
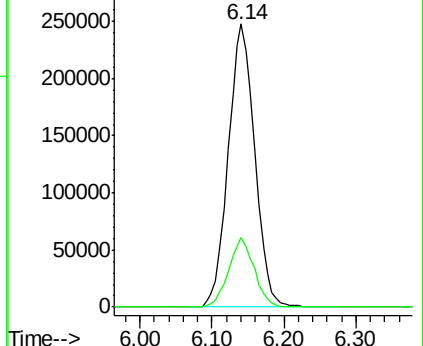
78 100

77 24.5 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#42

1,2-Dichloroethane

Concen: 0.868 ug/l

RT: 6.15 min Scan# 819

Delta R.T. -0.05 min

Lab File: VX007487.D

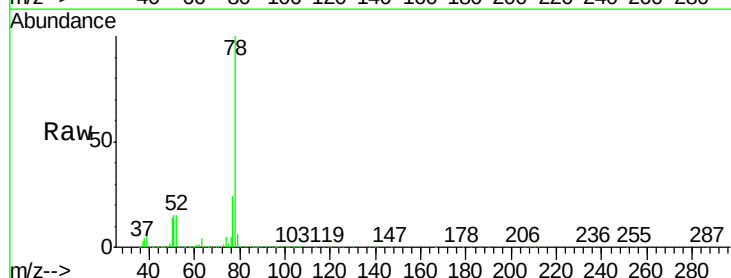
Acq: 12 Feb 2019 14:36

Tgt Ion: 62 Resp: 5866

Ion Ratio Lower Upper

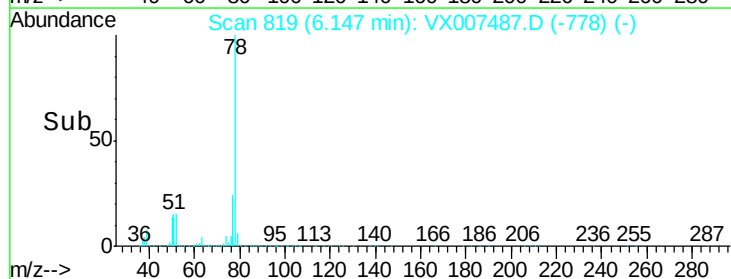
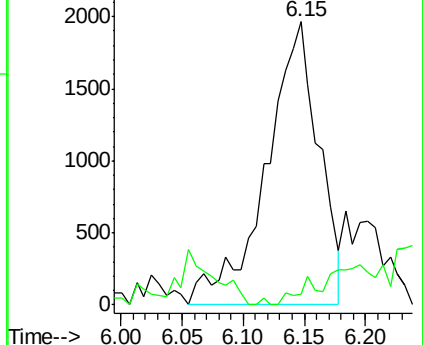
62 100

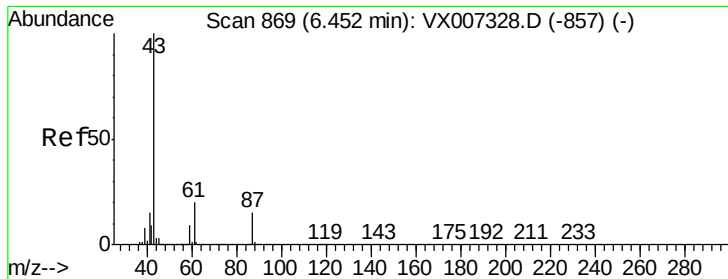
98 3.9 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



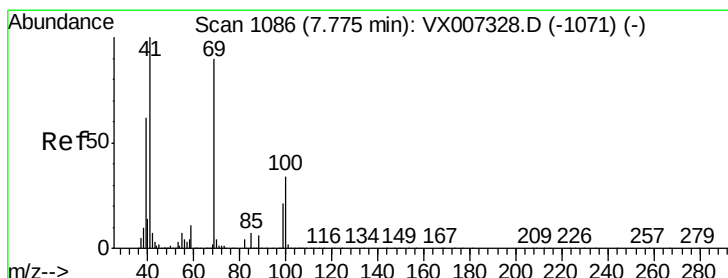
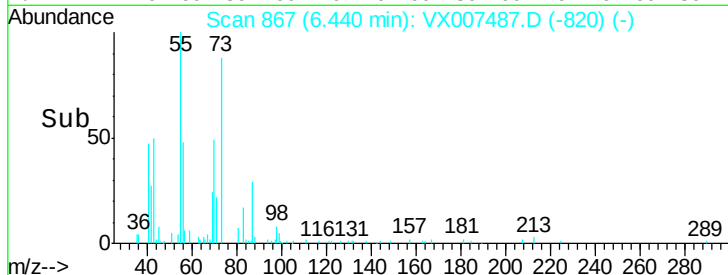
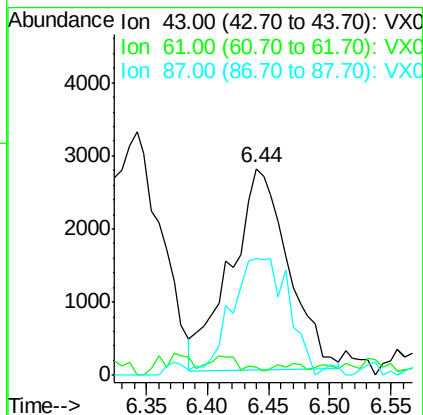
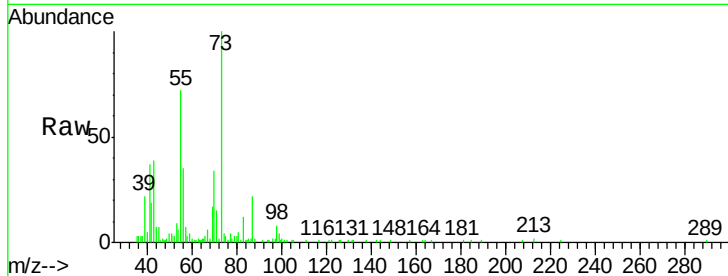


#43

Isopropyl Acetate
 Concen: 0.875 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: VX007487.D
 Acq: 12 Feb 2019 14:36

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW031-190207DL

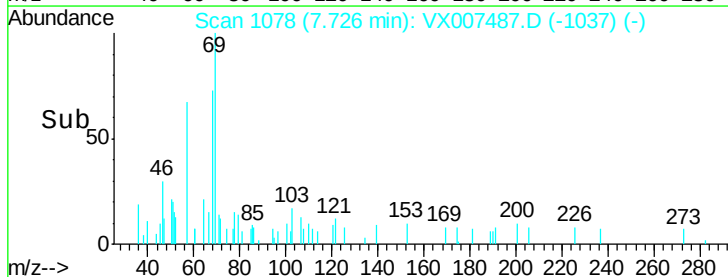
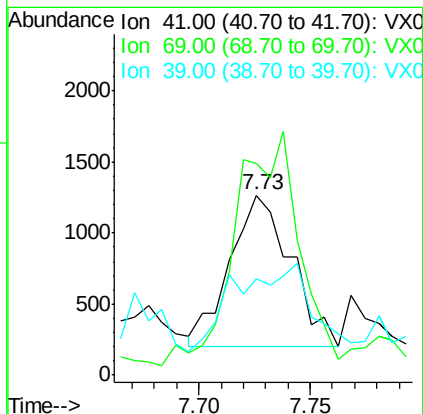
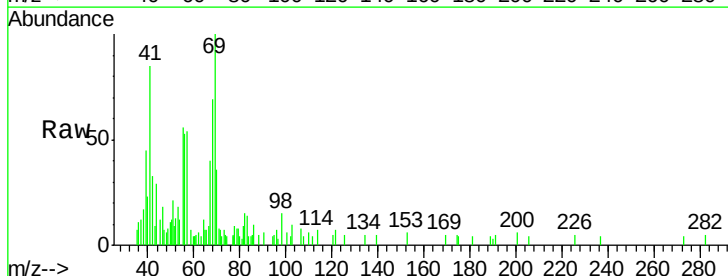
Tot Ion	Ratio	Lower	Upper
43	100		
61	0.0	16.1	24.1#
87	58.0	11.5	17.3#

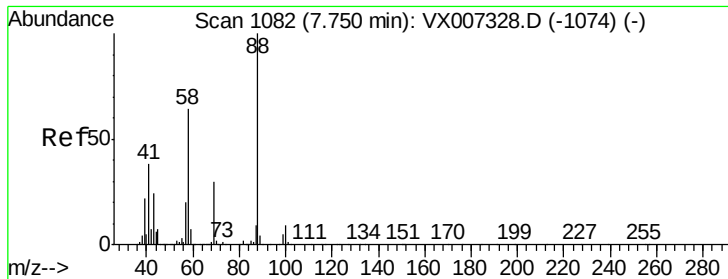


#48

Methyl methacrylate
 Concen: 0.395 ug/l
 RT: 7.73 min Scan# 1078
 Delta R.T. -0.05 min
 Lab File: VX007487.D
 Acq: 12 Feb 2019 14:36

Tgt Ion	Ratio	Lower	Upper
41	100		
69	161.4	70.2	105.4#
39	71.7	47.4	71.0#





#49

1,4-Dioxane

Concen: 9.882 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX007487.D

Acq: 12 Feb 2019 14:36

Instrument :

MSVOA_X

ClientSampleId :

KY001MW031-190207DL

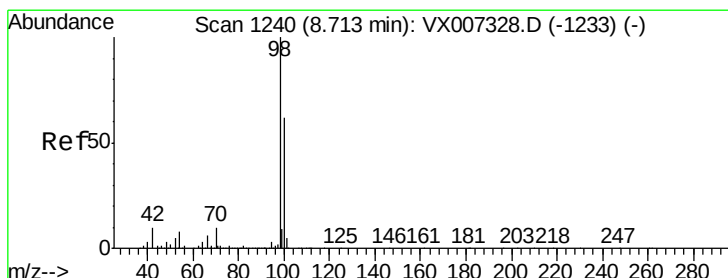
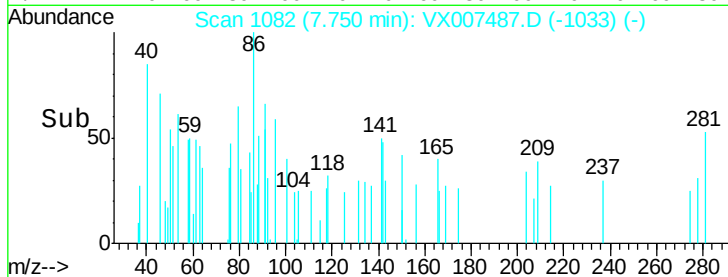
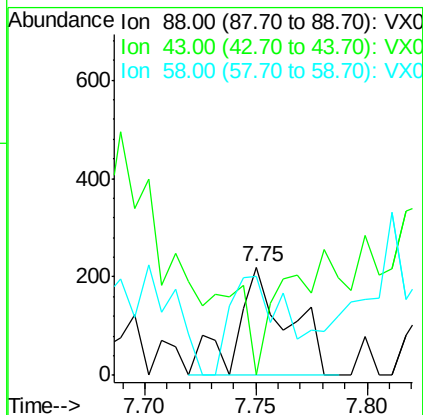
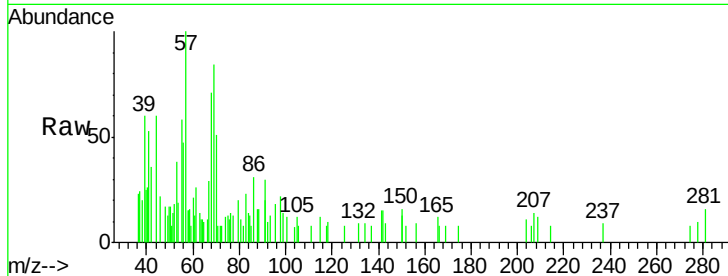
Tot Ion: 88 Resp: 356

Ion Ratio Lower Upper

88 100

43 0.0 24.2 36.4#

58 110.1 53.0 79.4#



#50

Toluene-d8

Concen: 49.321 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007487.D

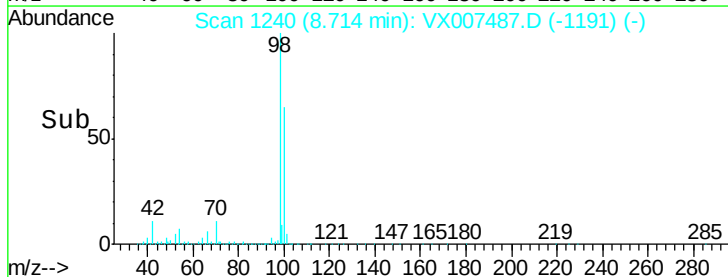
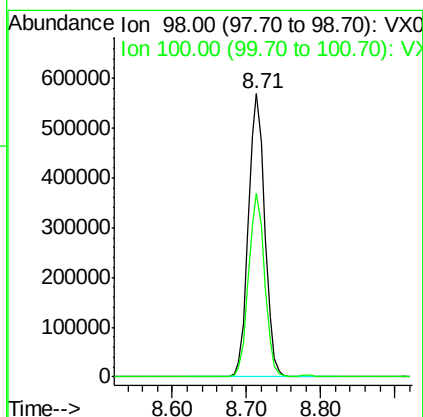
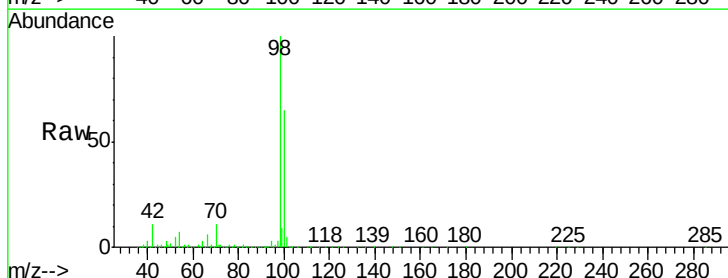
Acq: 12 Feb 2019 14:36

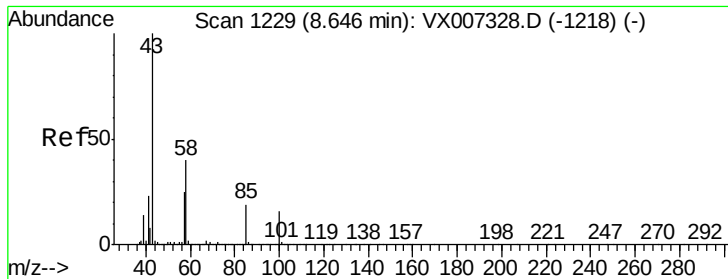
Tgt Ion: 98 Resp: 880214

Ion Ratio Lower Upper

98 100

100 63.8 51.6 77.4

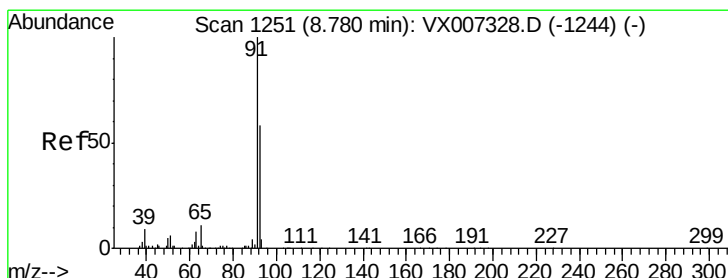
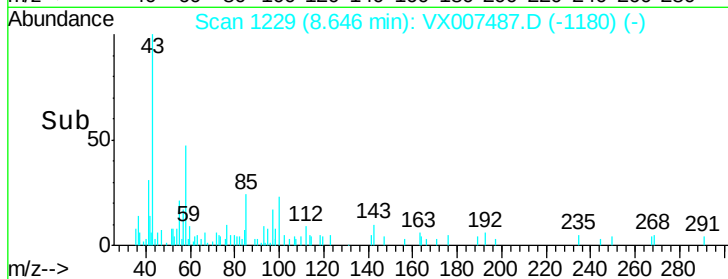
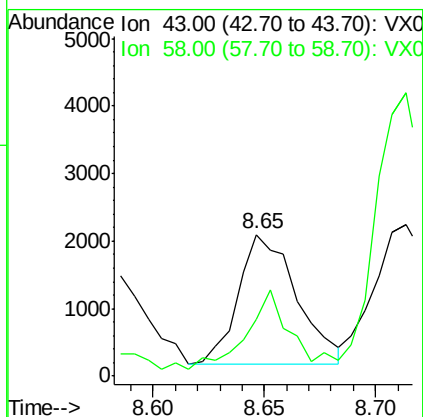
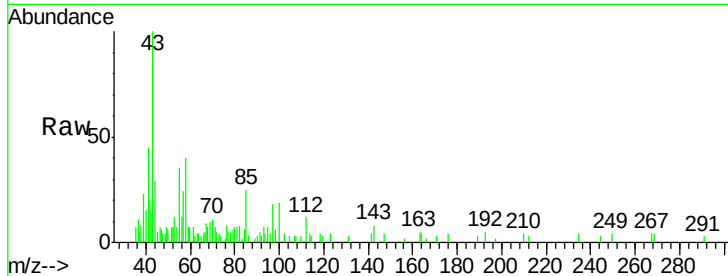




#51
 4-Methyl-2-Pentanone
 Concen: 0.515 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VX007487.D
 Acq: 12 Feb 2019 14:36

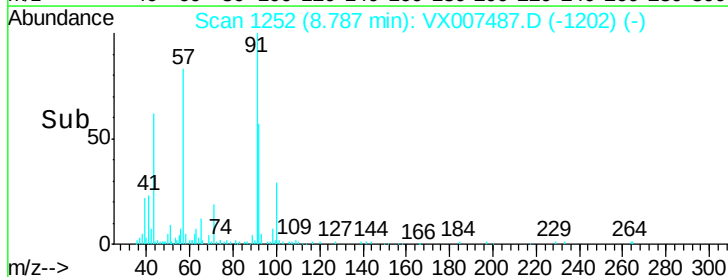
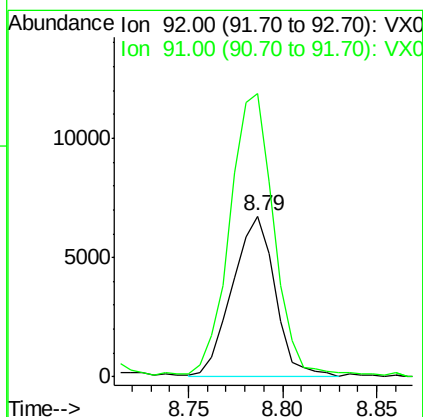
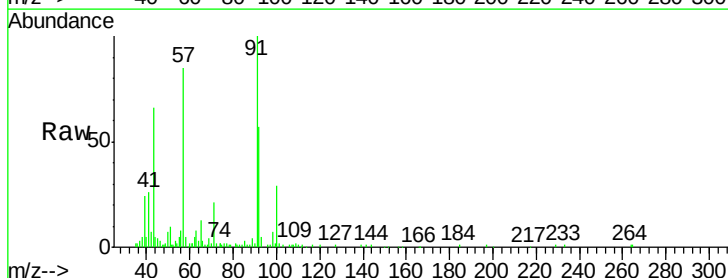
Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW031-190207DL

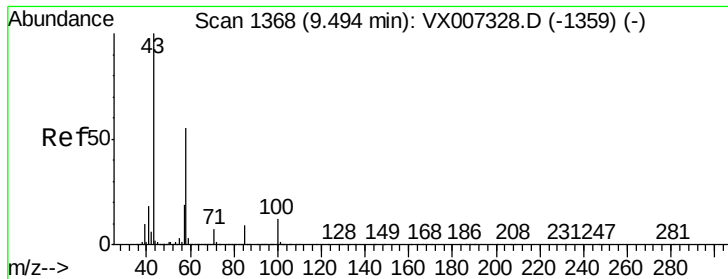
Tot Ion: 43 Resp: 3506
 Ion Ratio Lower Upper
 43 100
 58 46.3 31.2 46.8



#52
 Toluene
 Concen: 0.845 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. 0.01 min
 Lab File: VX007487.D
 Acq: 12 Feb 2019 14:36

Tgt Ion: 92 Resp: 10649
 Ion Ratio Lower Upper
 92 100
 91 183.3 139.1 208.7





#59

2-Hexanone

Concen: 0.671 ug/l

RT: 9.30 min Scan# 1337

Delta R.T. -0.19 min

Lab File: VX007487.D

Acq: 12 Feb 2019 14:36

Instrument :

MSVOA_X

ClientSampleId :

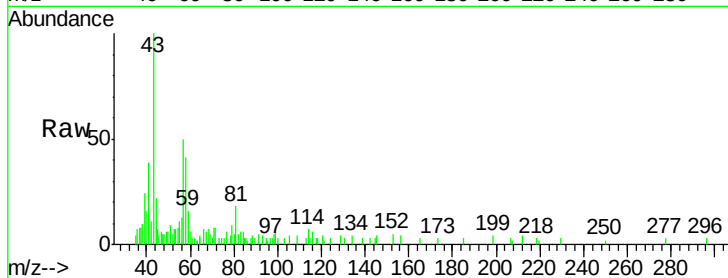
KY001MW031-190207DL

Tot Ion: 43 Resp: 3556

Ion Ratio Lower Upper

43 100

58 44.2 27.1 81.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.30

2500

2000

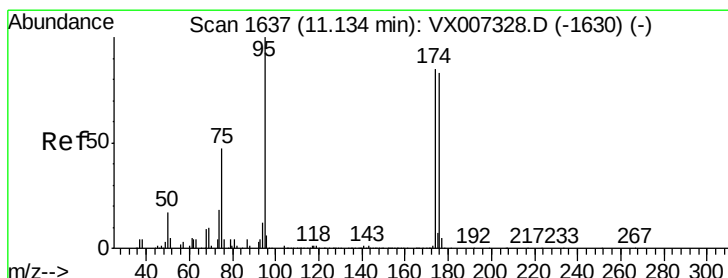
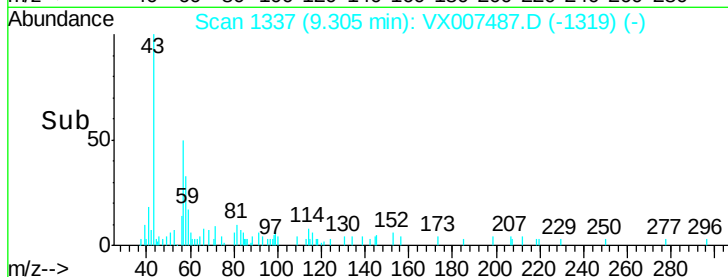
1500

1000

500

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.094 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007487.D

Acq: 12 Feb 2019 14:36

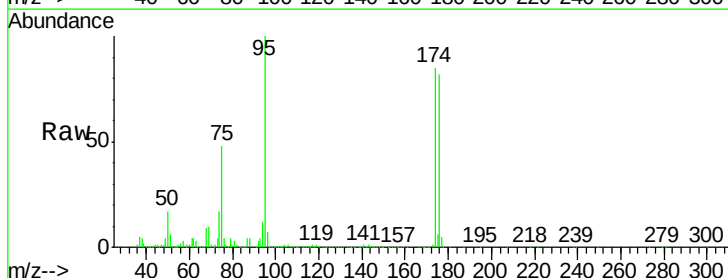
Tgt Ion: 95 Resp: 319886

Ion Ratio Lower Upper

95 100

174 92.7 0.0 189.2

176 89.4 0.0 186.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

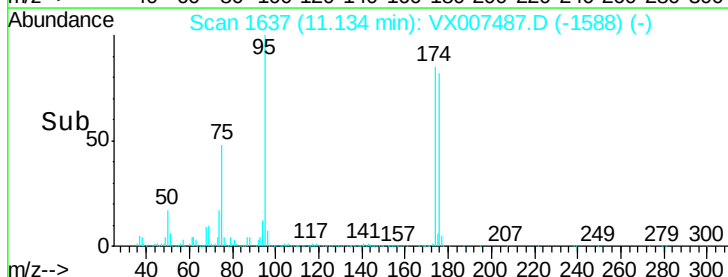
300000

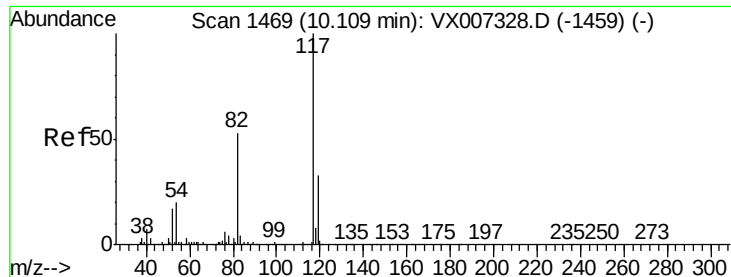
200000

100000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX007487.D

Acq: 12 Feb 2019 14:36

Instrument :

MSVOA_X

ClientSampleId :

KY001MW031-190207DL

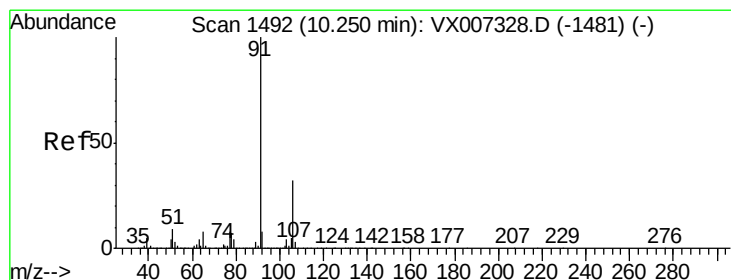
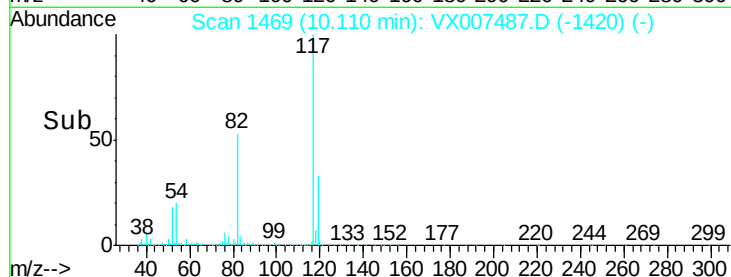
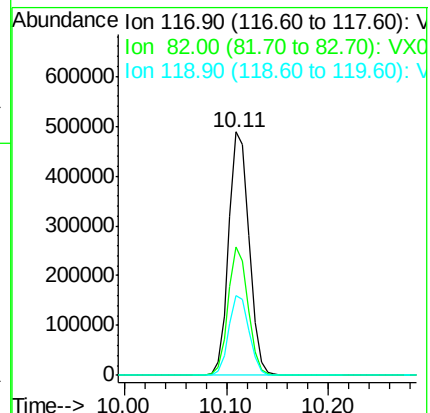
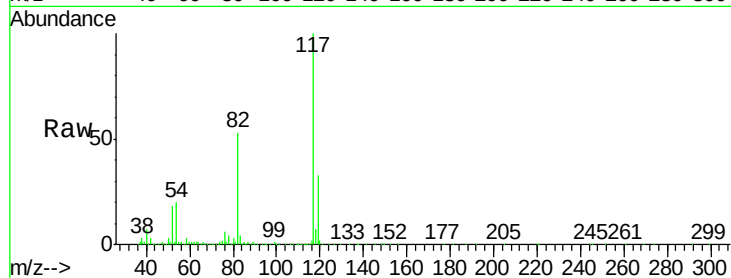
Tot Ion:117 Resp: 676294

Ion Ratio Lower Upper

117 100

82 52.8 42.1 63.1

119 32.6 26.5 39.7



#67

Ethyl Benzene

Concen: 88.506 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007487.D

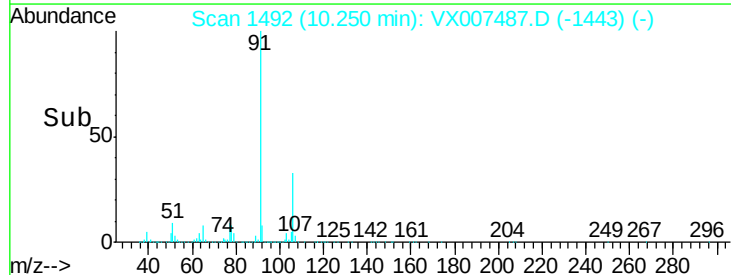
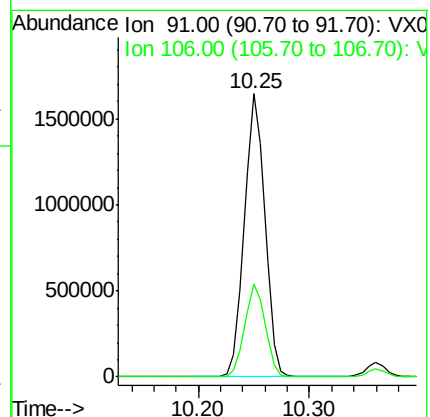
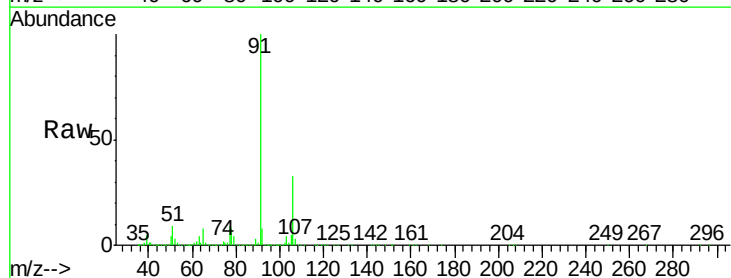
Acq: 12 Feb 2019 14:36

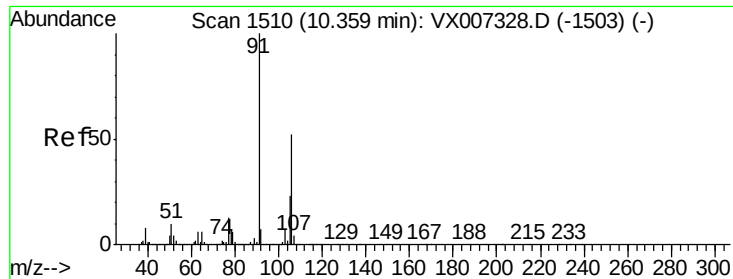
Tgt Ion: 91 Resp: 2103429

Ion Ratio Lower Upper

91 100

106 32.7 25.4 38.0





#68

m/p-Xylenes

Concen: 5.806 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX007487.D

Acq: 12 Feb 2019 14:36

Instrument :

MSVOA_X

ClientSampleId :

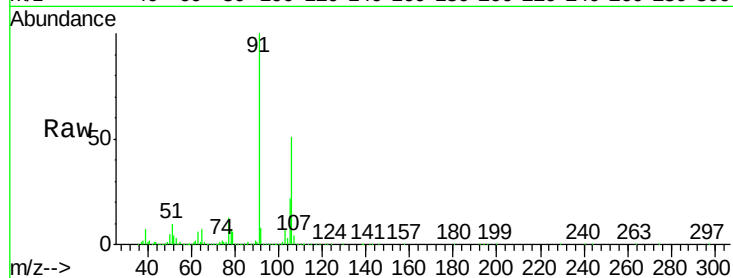
KY001MW031-190207DL

Tot Ion:106 Resp: 54854

Ion Ratio Lower Upper

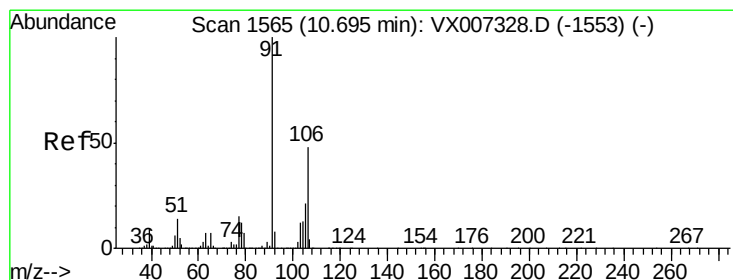
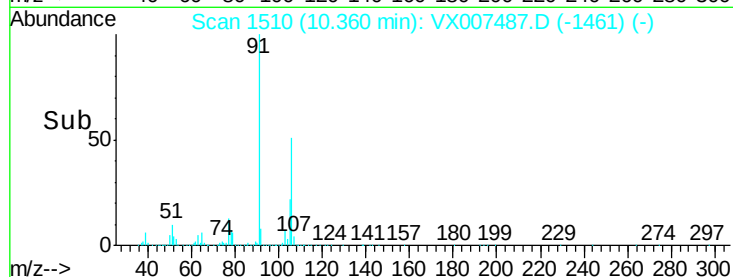
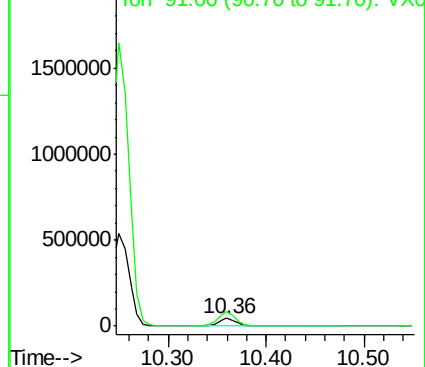
106 100

91 193.0 156.6 234.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 7.276 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. 0.00 min

Lab File: VX007487.D

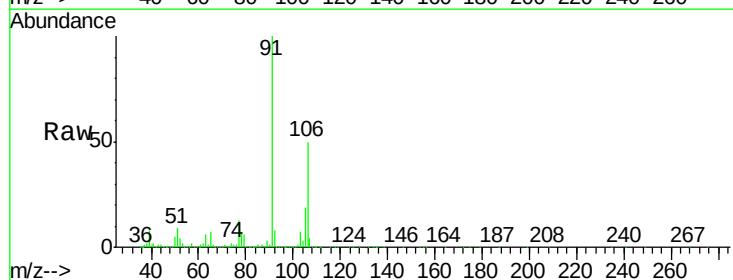
Acq: 12 Feb 2019 14:36

Tgt Ion:106 Resp: 66148

Ion Ratio Lower Upper

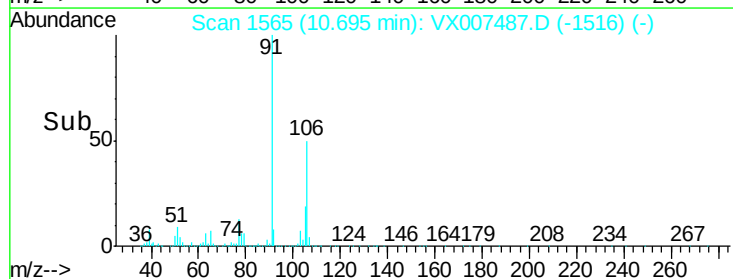
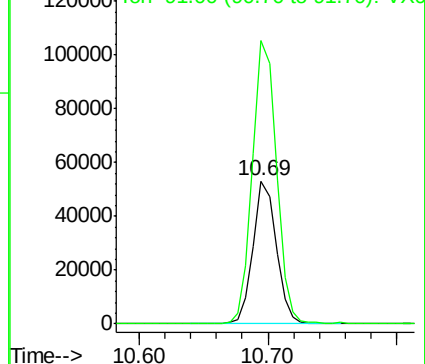
106 100

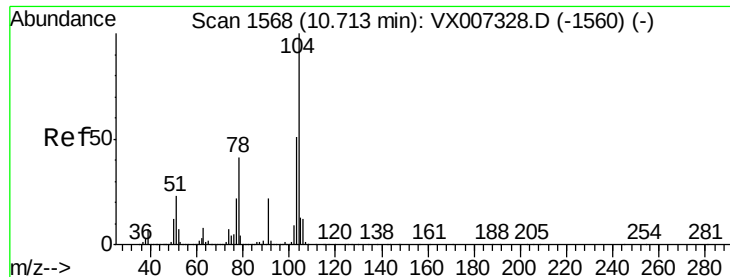
91 204.6 102.9 308.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#70

Stvrene

Concen: 0.396 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.02 min

Lab File: VX007487.D

Acq: 12 Feb 2019 14:36

Instrument :

MSVOA_X

ClientSampleId :

KY001MW031-190207DL

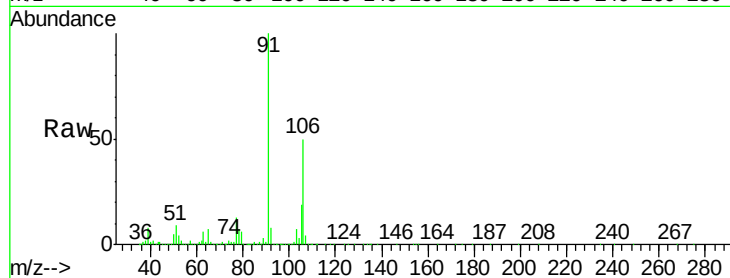
Tot Ion:104 Resp: 5838

Ion Ratio Lower Upper

104 100

78 169.5 38.3 57.5#

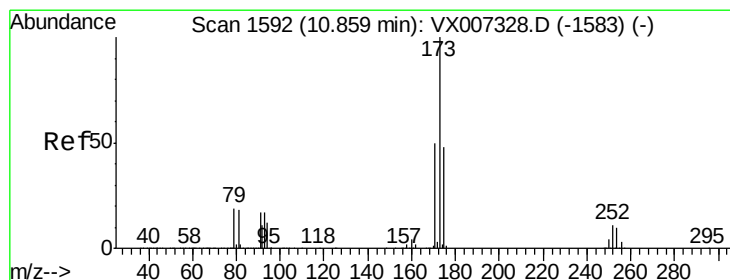
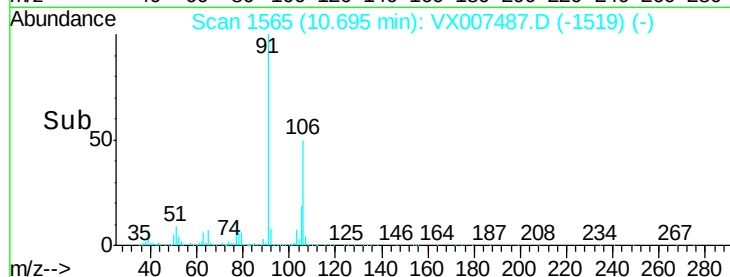
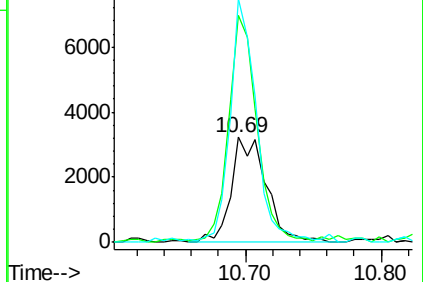
103 173.8 44.6 67.0#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 4.053 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX007487.D

Acq: 12 Feb 2019 14:36

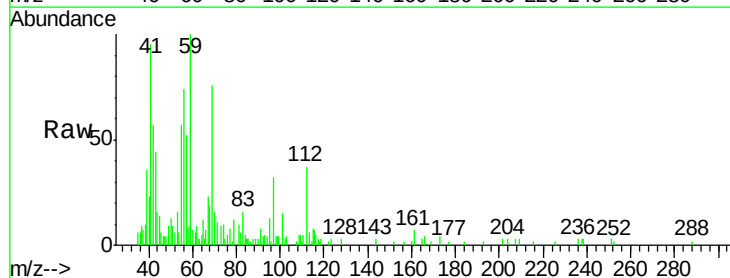
Tgt Ion:173 Resp: 113

Ion Ratio Lower Upper

173 100

175 0.0 24.2 72.6#

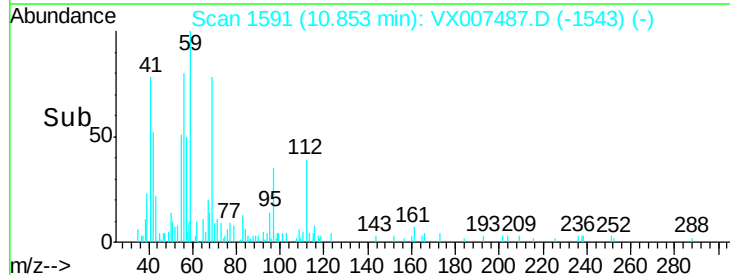
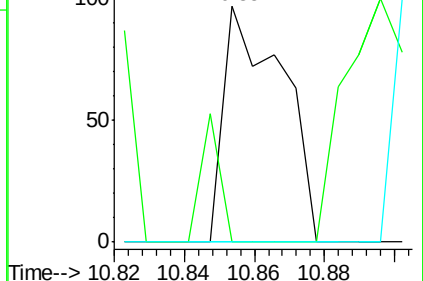
254 0.0 0.2 0.2#

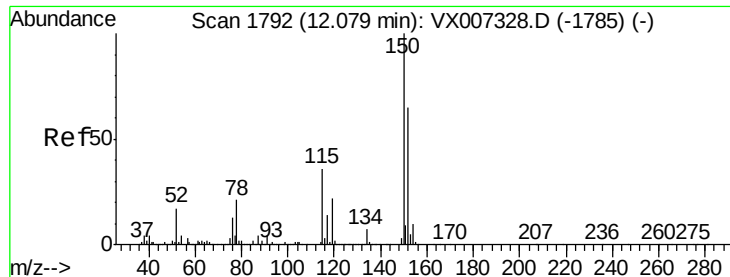


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007487.D

Acq: 12 Feb 2019 14:36

Instrument :

MSVOA_X

ClientSampleId :

KY001MW031-190207DL

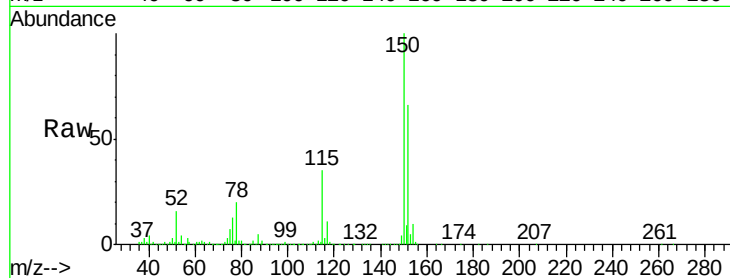
Tot Ion:152 Resp: 354701

Ion Ratio Lower Upper

152 100

115 54.1 38.0 114.0

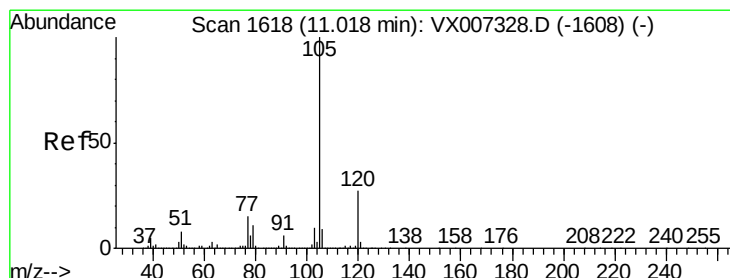
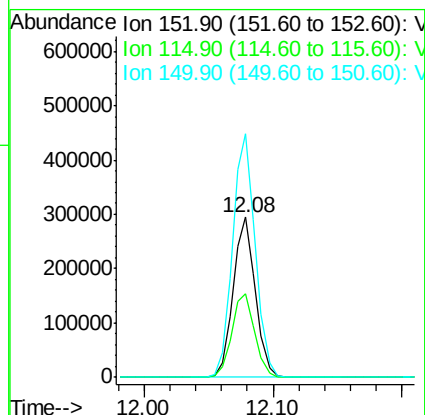
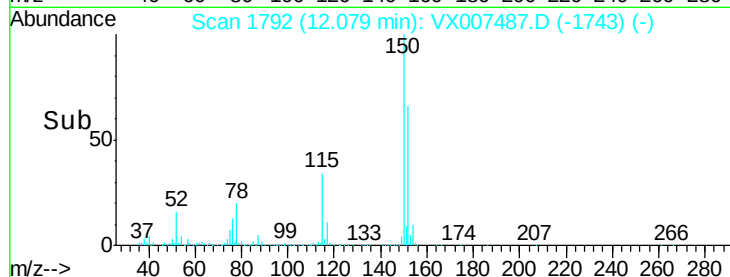
150 155.5 0.0 346.4



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: 10.487 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007487.D

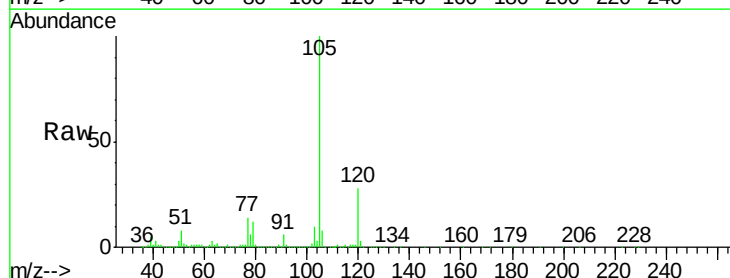
Acq: 12 Feb 2019 14:36

Tgt Ion:105 Resp: 252765

Ion Ratio Lower Upper

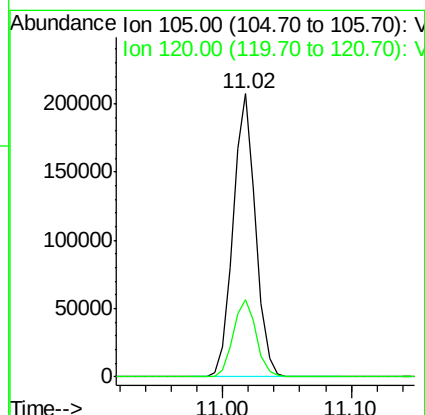
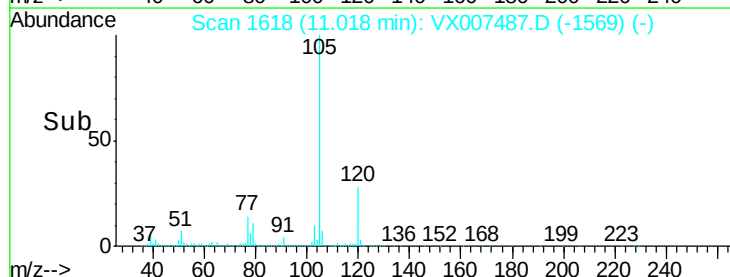
105 100

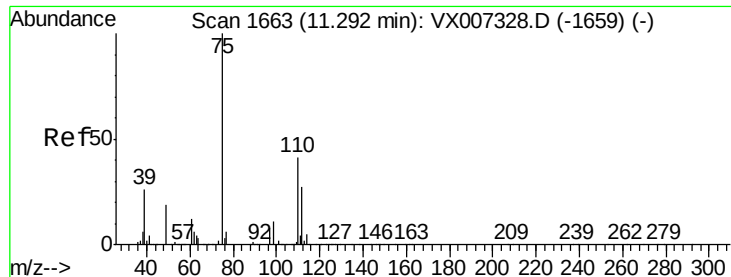
120 28.2 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#76

1,2,3-Trichloropropane

Concen: 22.045 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX007487.D

Acq: 12 Feb 2019 14:36

Instrument :

MSVOA_X

ClientSampleId :

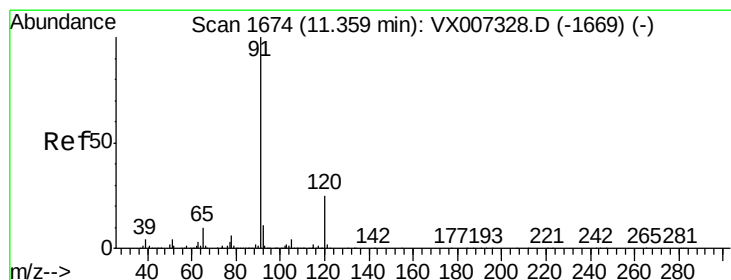
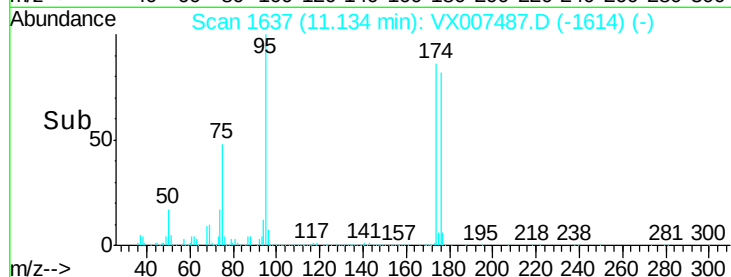
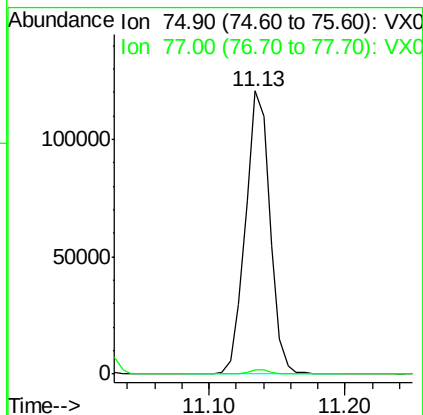
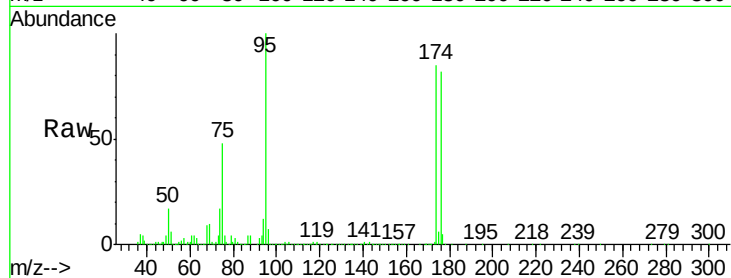
KY001MW031-190207DL

Tot Ion: 75 Resp: 152099

Ion Ratio Lower Upper

75 100

77 1.5 23.0 69.0#



#78

n-propylbenzene

Concen: 11.380 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007487.D

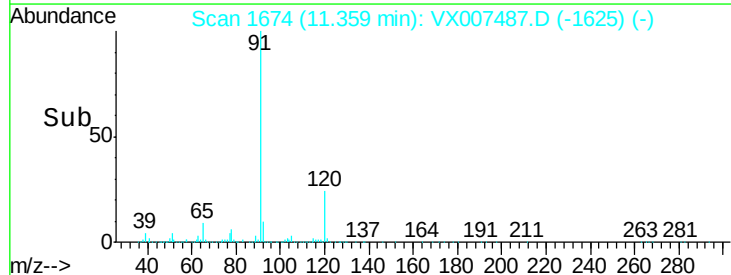
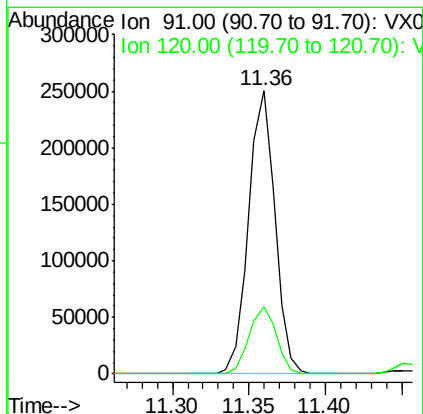
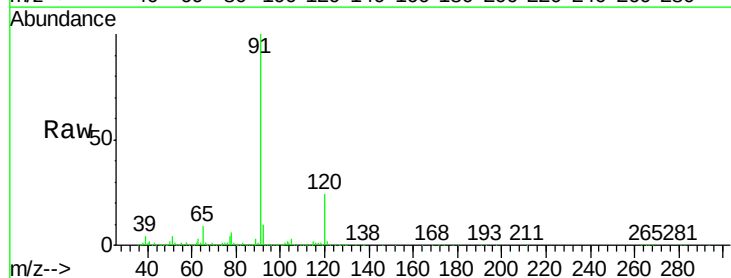
Acq: 12 Feb 2019 14:36

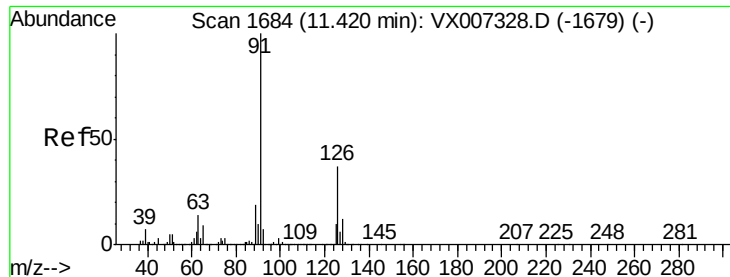
Tgt Ion: 91 Resp: 300781

Ion Ratio Lower Upper

91 100

120 24.6 12.4 37.2

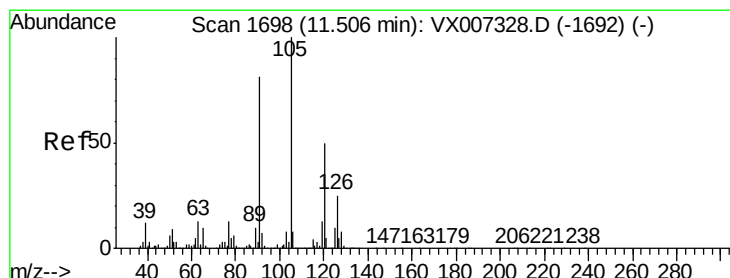
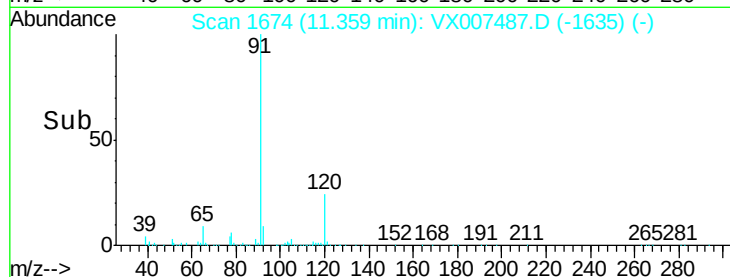
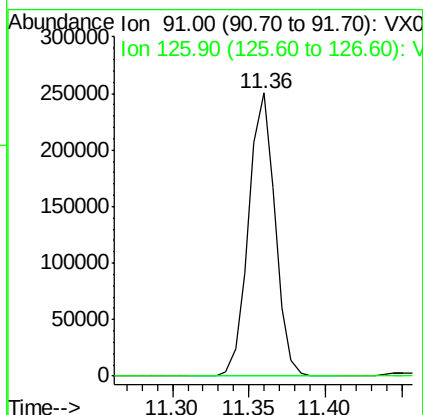
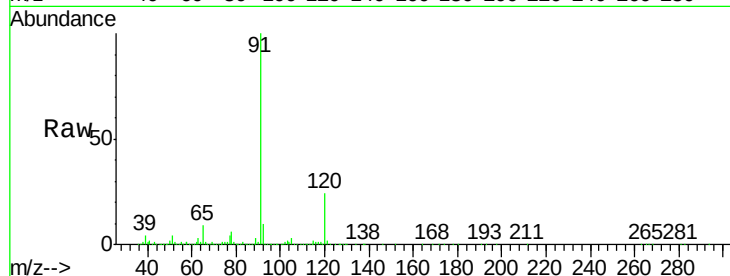




#79
 2-Chlorotoluene
 Concen: 18.754 ug/l
 RT: 11.36 min Scan# 1674
 Delta R.T. -0.06 min
 Lab File: VX007487.D
 Acq: 12 Feb 2019 14:36

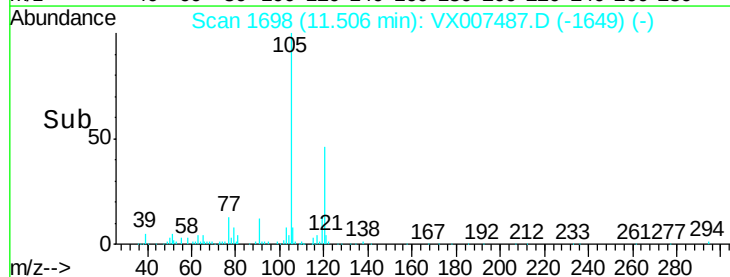
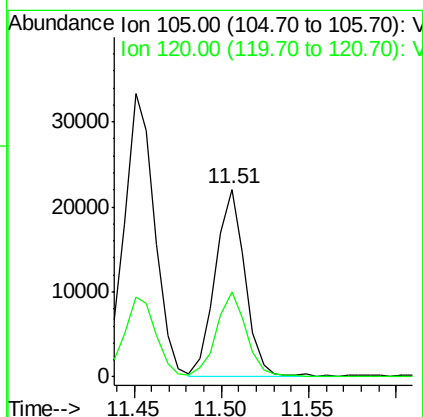
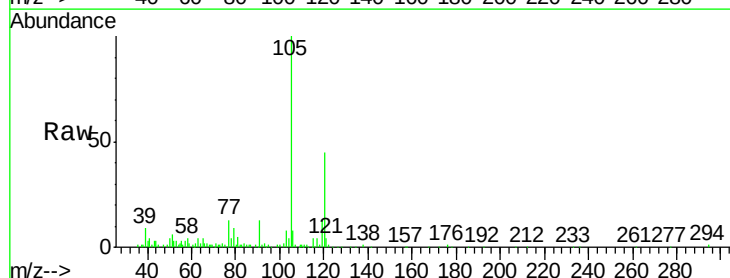
Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW031-190207DL

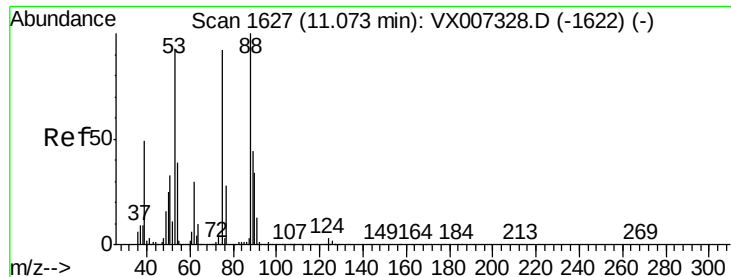
Tot Ion: 91 Resp: 300781
 Ion Ratio Lower Upper
 91 100
 126 0.3 18.7 56.1#



#80
 1,3,5-Trimethylbenzene
 Concen: 1.304 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX007487.D
 Acq: 12 Feb 2019 14:36

Tgt Ion: 105 Resp: 25709
 Ion Ratio Lower Upper
 105 100
 120 46.9 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 66.606 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX007487.D

Acq: 12 Feb 2019 14:36

Instrument :

MSVOA_X

ClientSampleId :

KY001MW031-190207DL

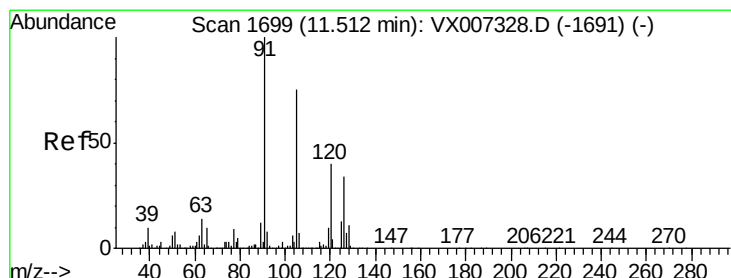
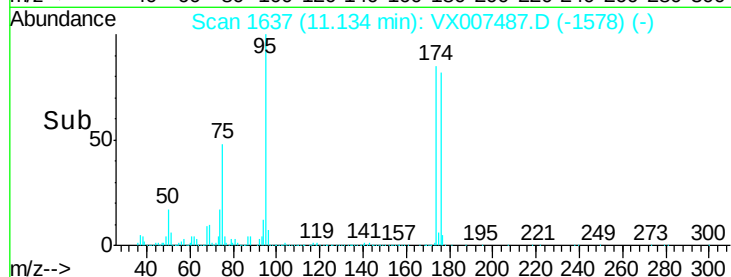
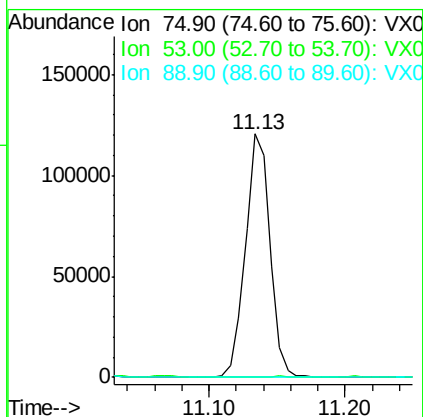
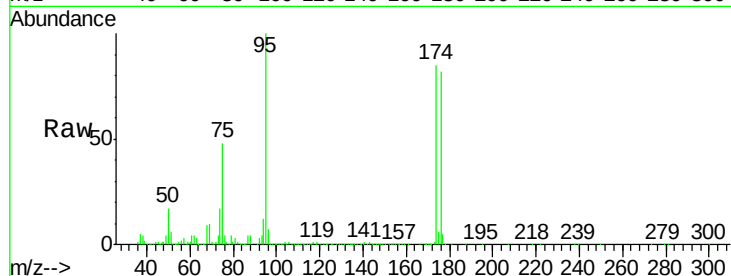
Tot Ion: 75 Resp: 152099

Ion Ratio Lower Upper

75 100

53 0.5 81.0 121.6#

89 0.1 41.4 62.0#



#82

4-Chlorotoluene

Concen: 2.714 ug/l

RT: 11.66 min Scan# 1724

Delta R.T. 0.15 min

Lab File: VX007487.D

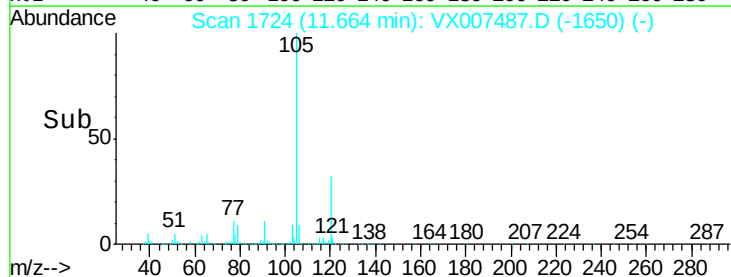
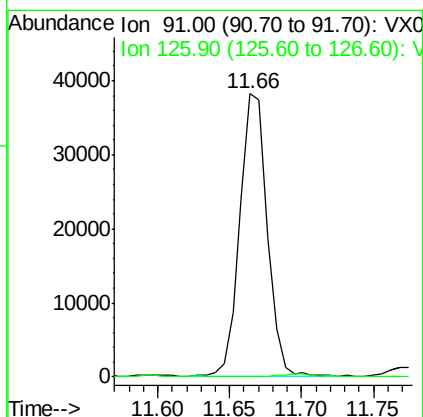
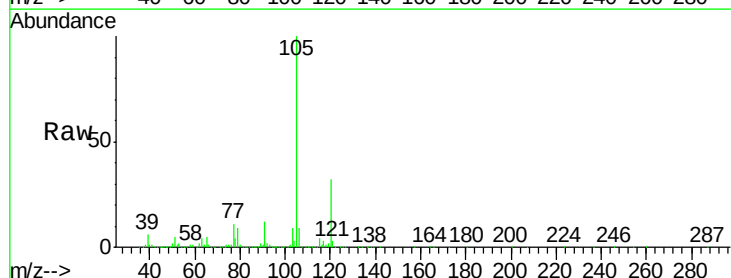
Acq: 12 Feb 2019 14:36

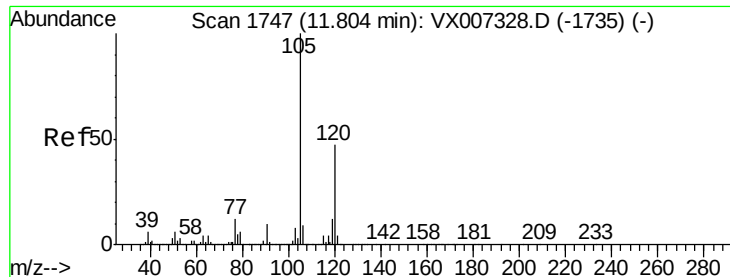
Tgt Ion: 91 Resp: 50370

Ion Ratio Lower Upper

91 100

126 0.3 16.2 48.5#

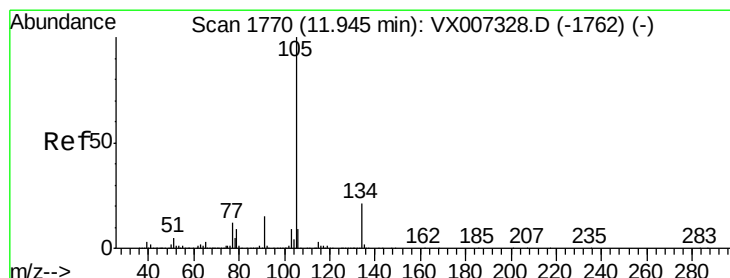
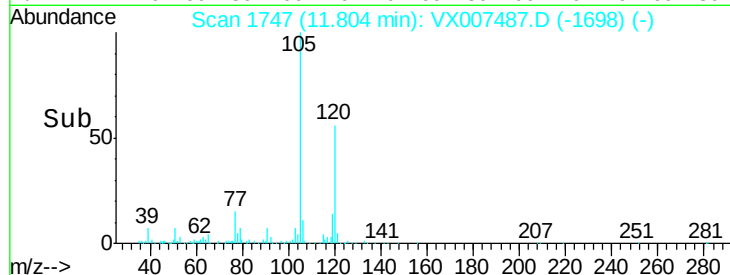
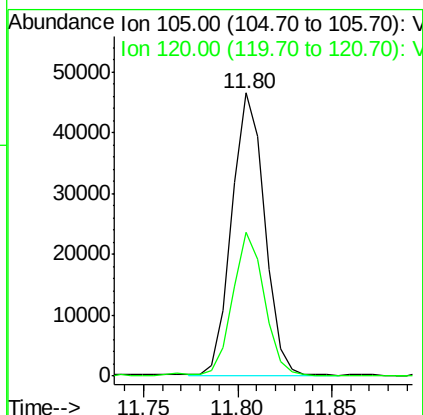
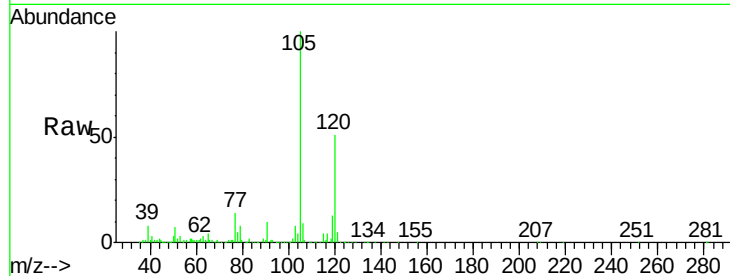




#84
 1,2,4-Trimethylbenzene
 Concen: 2.797 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX007487.D
 Acq: 12 Feb 2019 14:36

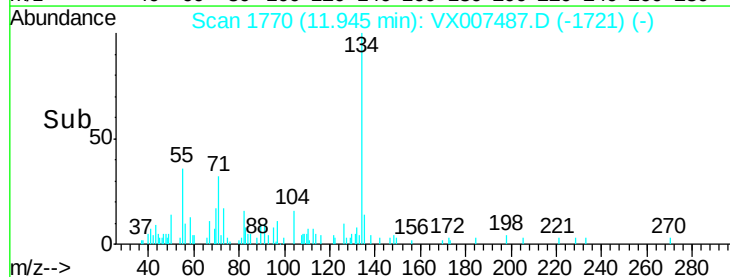
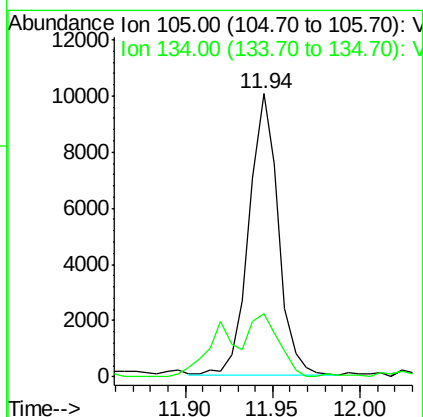
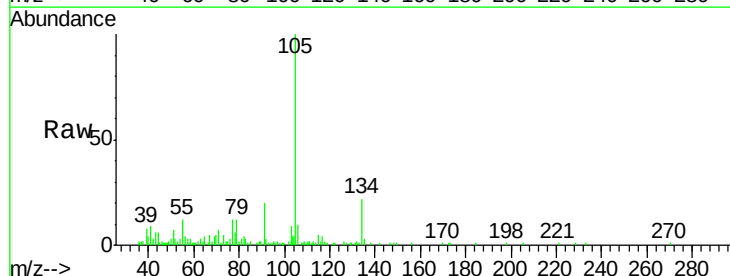
Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW031-190207DL

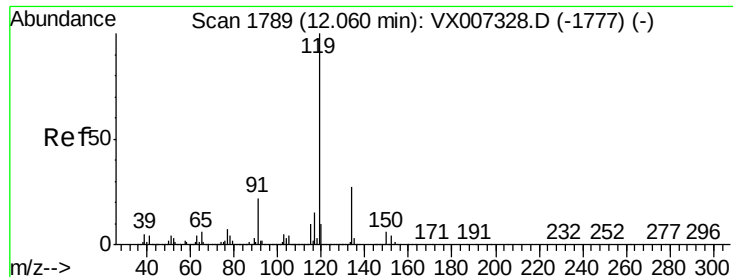
Tot Ion:105 Resp: 55988
 Ion Ratio Lower Upper
 105 100
 120 49.9 23.1 69.3



#85
 sec-Butylbenzene
 Concen: 0.488 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX007487.D
 Acq: 12 Feb 2019 14:36

Tgt Ion:105 Resp: 11522
 Ion Ratio Lower Upper
 105 100
 134 22.0 10.6 31.8

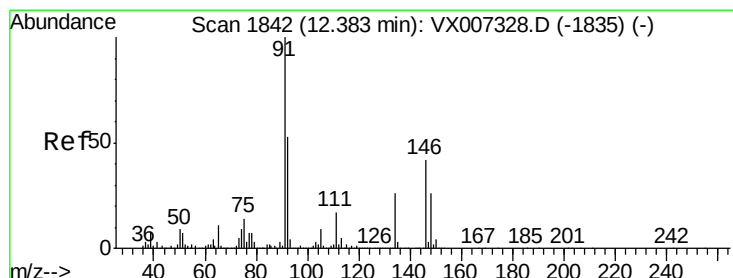
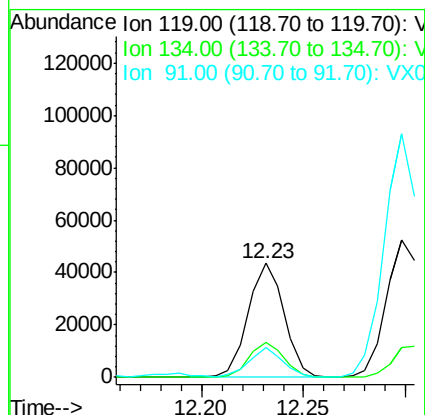
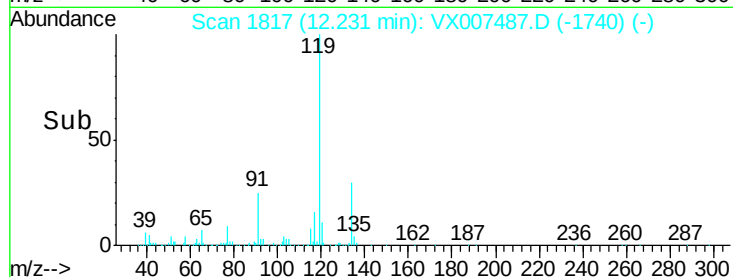
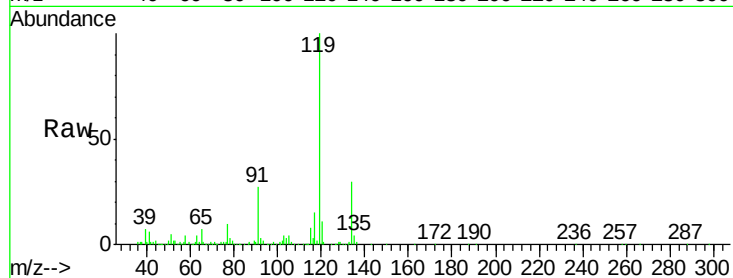




#86
 p-Isopropyltoluene
 Concen: 2.519 ug/l
 RT: 12.23 min Scan# 1817
 Delta R.T. 0.17 min
 Lab File: VX007487.D
 Acq: 12 Feb 2019 14:36

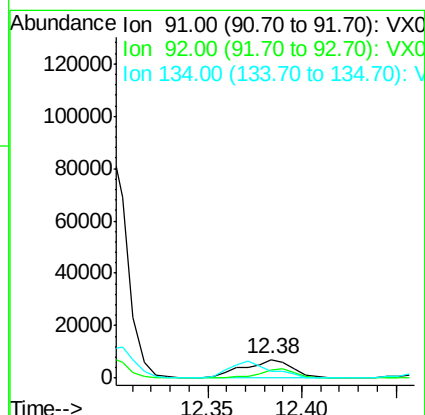
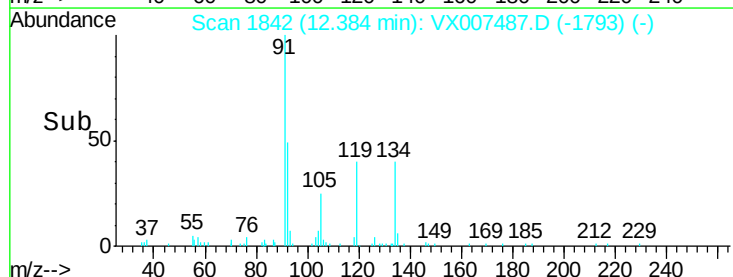
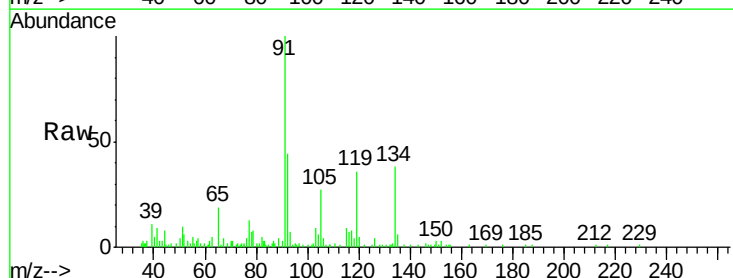
Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW031-190207DL

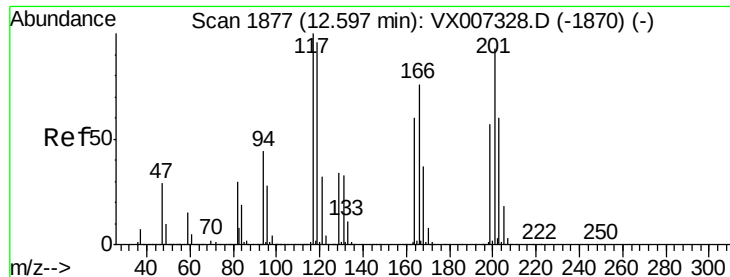
Tot Ion:119 Resp: 53722
 Ion Ratio Lower Upper
 119 100
 134 29.8 13.7 41.1
 91 23.6 11.2 33.5



#89
 n-Butylbenzene
 Concen: 0.656 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX007487.D
 Acq: 12 Feb 2019 14:36

Tgt Ion: 91 Resp: 12044
 Ion Ratio Lower Upper
 91 100
 92 40.6 26.3 78.9
 134 84.7 13.9 41.6#





#90

Hexachloroethane

Concen: 7.237 ug/l

RT: 12.70 min Scan# 1894

Delta R.T. 0.10 min

Lab File: VX007487.D

Acq: 12 Feb 2019 14:36

Instrument :

MSVOA_X

ClientSampleId :

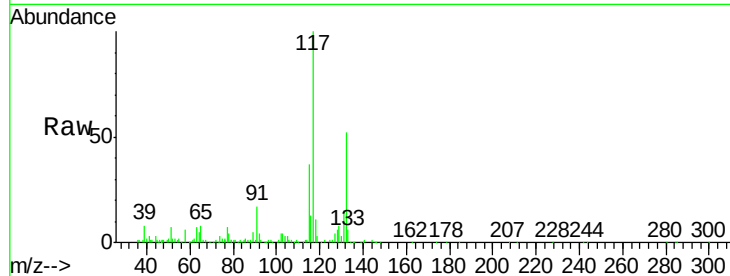
KY001MW031-190207DL

Tot Ion:117 Resp: 23105

Ion Ratio Lower Upper

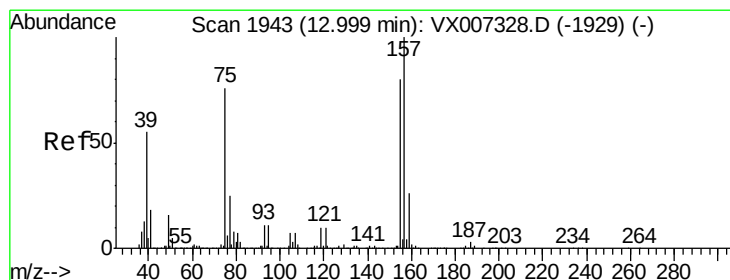
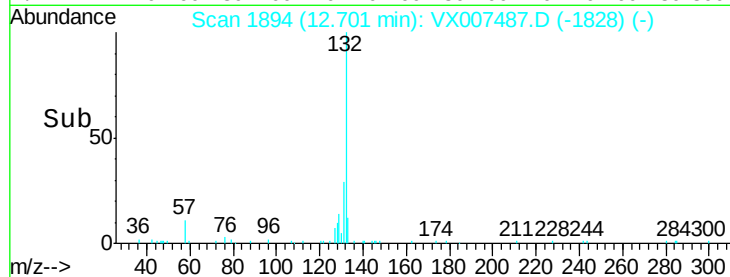
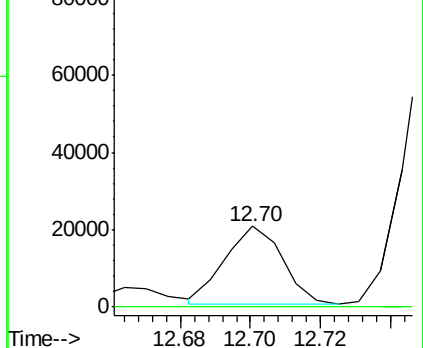
117 100

201 0.5 44.9 134.7#



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: 0.421 ug/l

RT: 12.97 min Scan# 1939

Delta R.T. -0.02 min

Lab File: VX007487.D

Acq: 12 Feb 2019 14:36

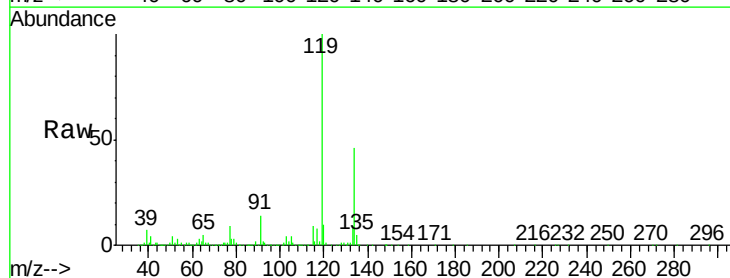
Tgt Ion: 75 Resp: 643

Ion Ratio Lower Upper

75 100

155 9.2 49.6 149.0#

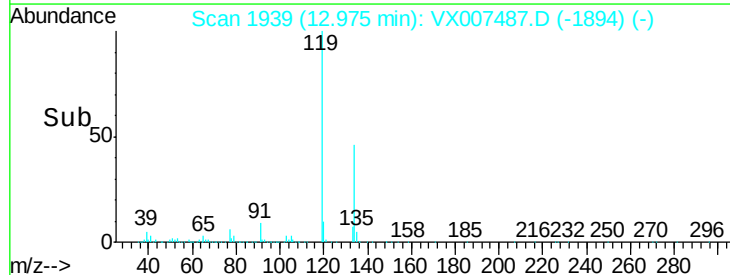
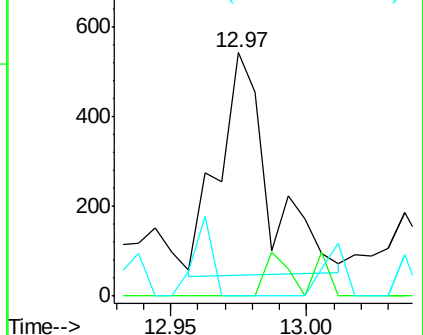
157 0.0 65.1 195.3#

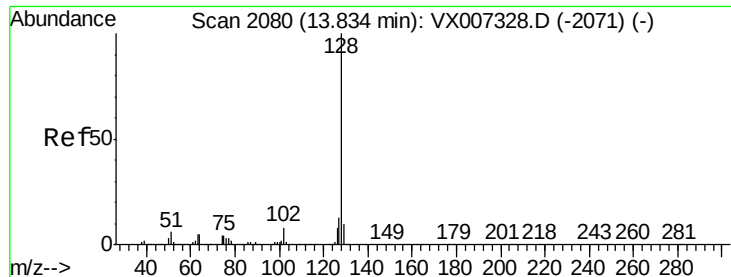


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

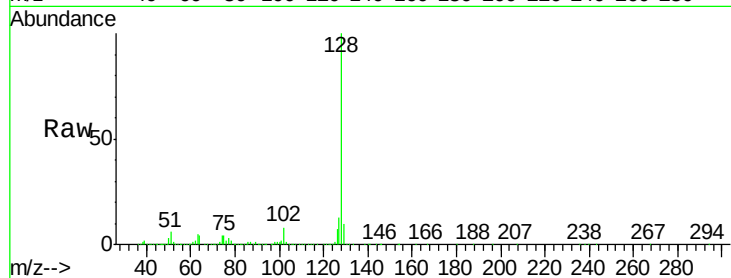




#95
 Naphthalene
 Concen: 27.831 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX007487.D
 Acq: 12 Feb 2019 14:36

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW031-190207DL

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.5	15.7
129	10.8	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

