

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011020\
 Data File : VX014545.D
 Acq On : 10 Jan 2020 18:18
 Operator : JC/SP
 Sample : L1080-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1R

Quant Time: Jan 10 23:37:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	479533	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	741906	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	676335	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	314428	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	265452	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
35) Dibromofluoromethane	5.49	113	223269	49.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.42%	
50) Toluene-d8	8.71	98	901954	51.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.50%	
62) 4-Bromofluorobenzene	11.14	95	305582	47.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.52%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	205	0.287	ug/l #	53
6) Chloroethane	1.59	64	3193	Below Cal	#	43
11) Tert butyl alcohol	3.02	59	4565	4.084	ug/l #	72
13) Acrolein	2.20	56	483	0.539	ug/l	95
14) Allyl chloride	2.84	41	116152	13.969	ug/l #	65
15) Acrylonitrile	3.17	53	10754	3.986	ug/l #	42
16) Acetone	2.39	43	33362	8.391	ug/l #	49
17) Carbon Disulfide	2.57	76	3363	0.254	ug/l #	89
18) Methyl Acetate	2.84	43	288871	37.545	ug/l #	51
19) Methyl tert-butyl Ether	3.19	73	99439	6.540	ug/l #	1
20) Methylene Chloride	2.85	84	2422	0.450	ug/l #	1
22) Diisopropyl ether	3.84	45	6346	0.395	ug/l #	77
31) Cyclohexane	5.72	56	334148	40.838	ug/l #	17
36) 1,1-Dichloropropene	5.65	75	31244	4.478	ug/l #	50
38) Carbon Tetrachloride	5.66	117	42417	6.607	ug/l #	17
39) Methylcyclohexane	7.44	83	13178	1.503	ug/l #	1
40) Benzene	6.14	78	11828	0.571	ug/l #	90
43) Isopropyl Acetate	6.34	43	229285	18.729	ug/l #	60
47) Bromodichloromethane	7.96	83	2175	0.324	ug/l #	27
48) Methyl methacrylate	7.84	41	14336	2.445	ug/l	97
49) 1,4-Dioxane	7.73	88	309	2.487	ug/l #	52
51) 4-Methyl-2-Pentanone	8.67	43	10371	1.390	ug/l #	35
55) 1,1,2-Trichloroethane	9.27	97	1256	0.236	ug/l #	23
56) Ethyl methacrylate	9.16	69	7277	0.892	ug/l #	1
59) 2-Hexanone	9.51	43	15783	2.674	ug/l	73
65) Chlorobenzene	10.14	112	7606	0.518	ug/l	98
74) N-amyl acetate	10.90	43	2927	0.300	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	150848	23.187	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	150848	61.303	ug/l #	12
83) tert-Butylbenzene	11.76	119	6594	0.381	ug/l	93
85) sec-Butylbenzene	11.94	105	10852	0.504	ug/l	81
86) p-Isopropyltoluene	12.23	119	19806	0.991	ug/l	96
88) 1,4-Dichlorobenzene	12.34	146	286	Below Cal		90
89) n-Butylbenzene	12.36	91	14220	0.778	ug/l #	1

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QLast Update : Tue Jan 07 15:54:41 2020
Response via : Initial Calibration

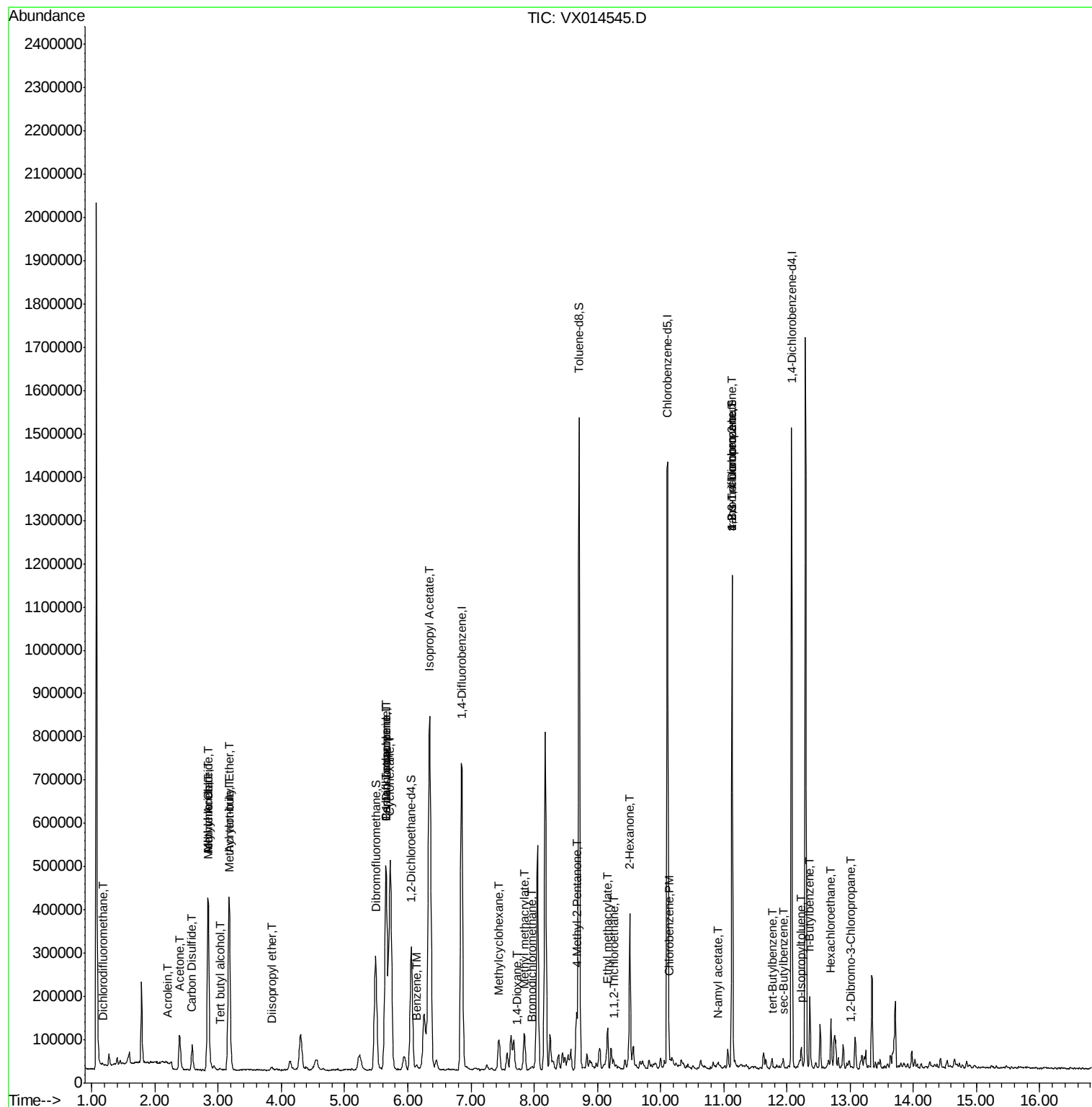
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	12.70	117	38438	10.952	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	13.01	75	441	0.277	ug/l #	28
93) 1,2,4-Trichlorobenzene	13.65	180	134	Below Cal	#	1
96) 1,2,3-Trichlorobenzene	14.02	180	103	Below Cal	#	1

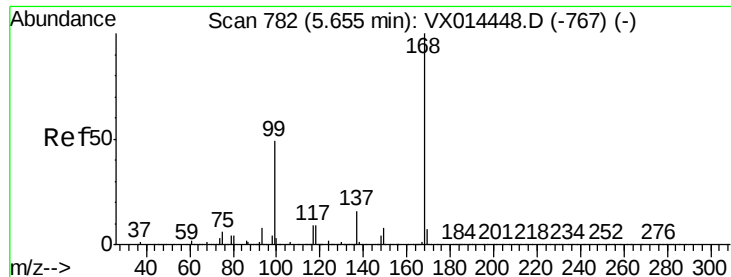
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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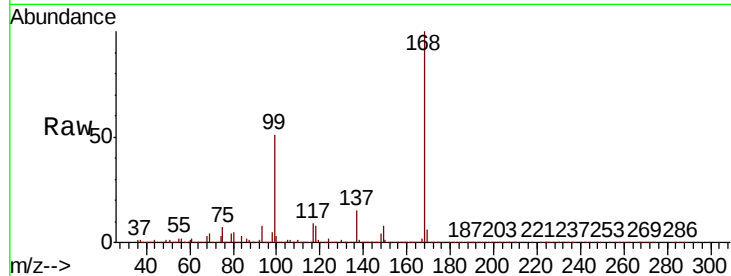


#1

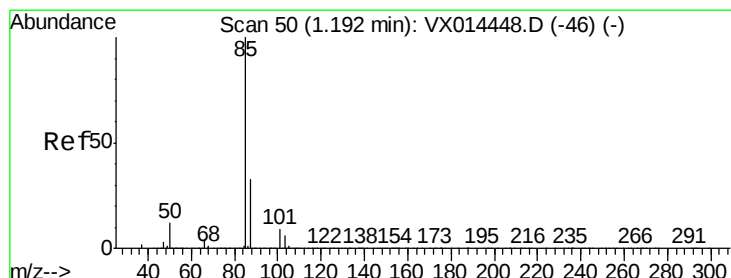
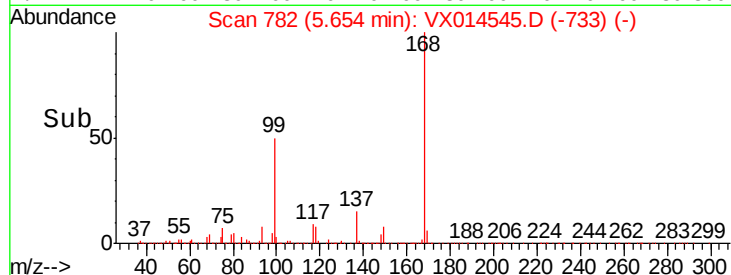
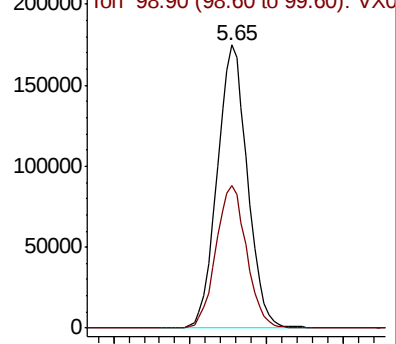
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.00 min
Lab File: VX014545.D
Acq: 10 Jan 2020 18:18

Instrument :
MSVOA_X
ClientSampleId :
MW-1R

Tot Ion:168 Resp: 479533
Ion Ratio Lower Upper
168 100
99 50.4 39.2 58.8



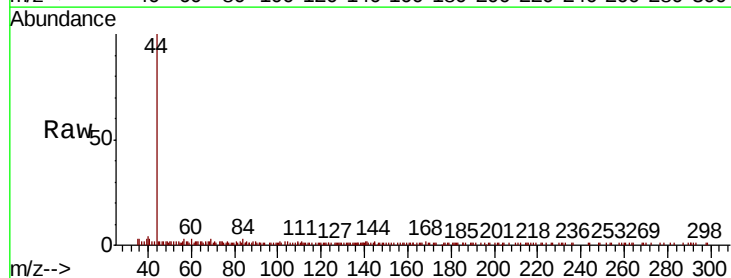
Abundance Ion 167.90 (167.60 to 168.60): V



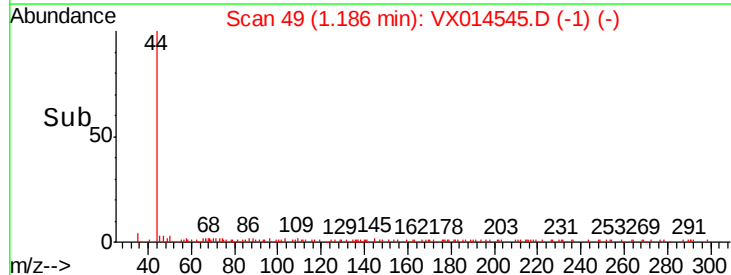
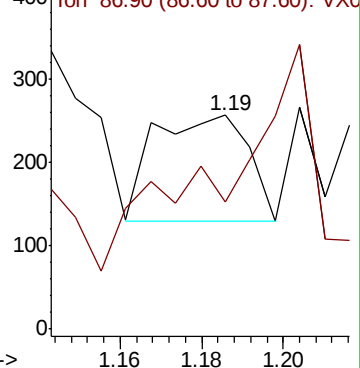
#2

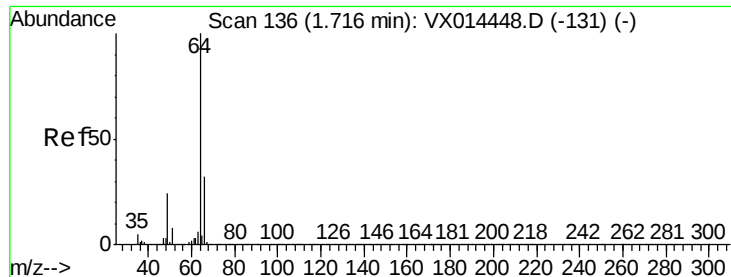
Dichlorodifluoromethane
Concen: 0.287 ug/l
RT: 1.19 min Scan# 49
Delta R.T. -0.01 min
Lab File: VX014545.D
Acq: 10 Jan 2020 18:18

Tgt Ion: 85 Resp: 205
Ion Ratio Lower Upper
85 100
87 6.3 16.5 49.5#



Abundance Ion 84.90 (84.60 to 85.60): VX0





#6

Chloroethane

Concen: Below Cal

RT: 1.59 min Scan# 116

Delta R.T. -0.12 min

Lab File: VX014545.D

Acq: 10 Jan 2020 18:18

Instrument :

MSVOA_X

ClientSampleId :

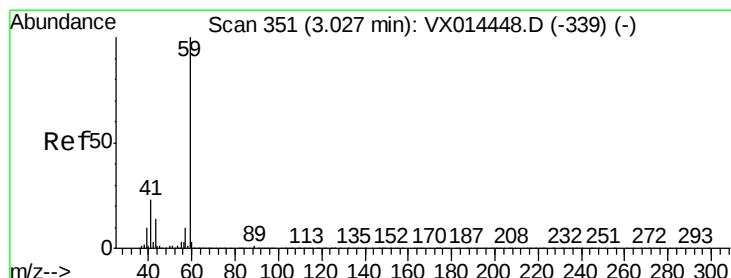
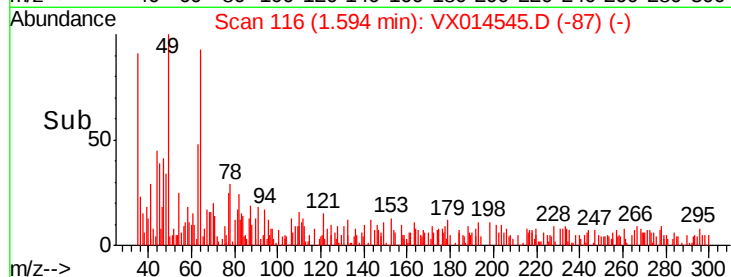
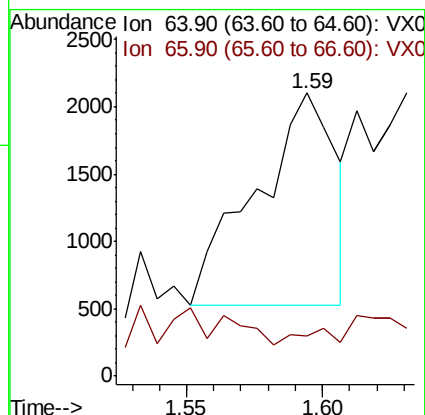
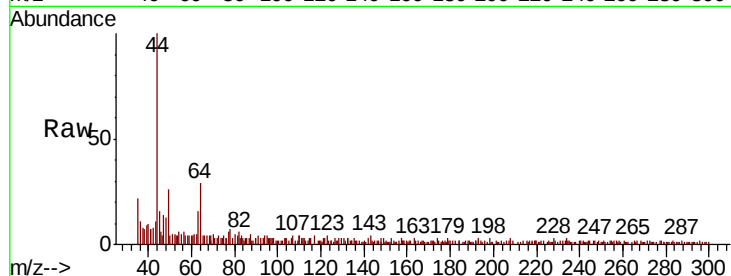
MW-1R

Tot Ion: 64 Resp: 3193

Ion Ratio Lower Upper

64 100

66 0.0 25.3 37.9#



#11

Tert butyl alcohol

Concen: 4.084 ug/l

RT: 3.02 min Scan# 350

Delta R.T. -0.01 min

Lab File: VX014545.D

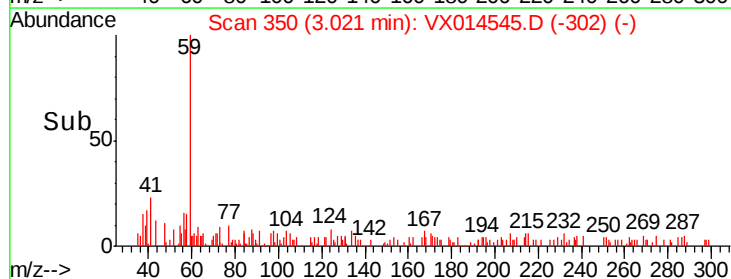
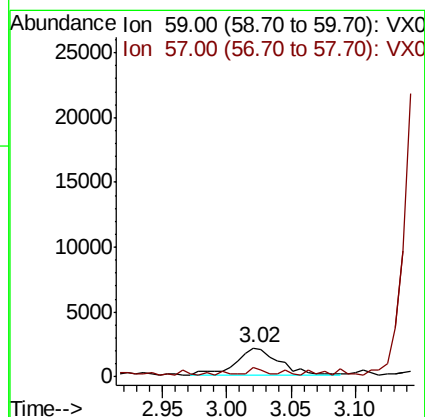
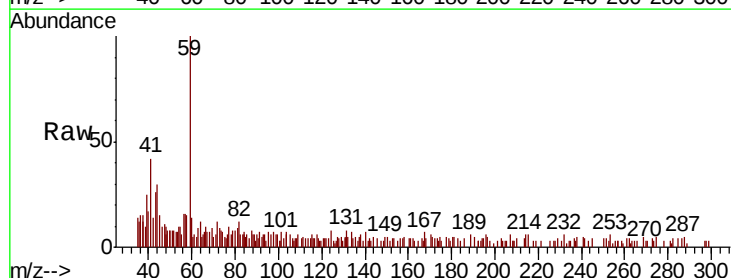
Acq: 10 Jan 2020 18:18

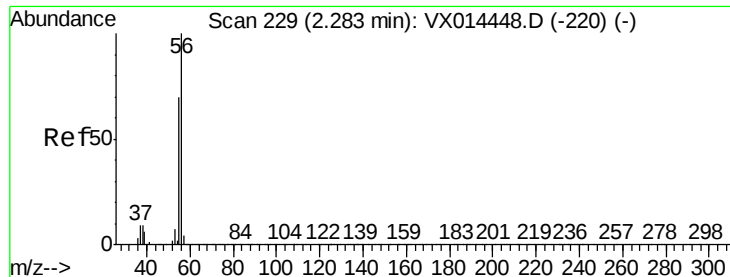
Tgt Ion: 59 Resp: 4565

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#





#13

Acrolein

Concen: 0.539 ug/l

RT: 2.20 min Scan# 216

Delta R.T. -0.08 min

Lab File: VX014545.D

Acq: 10 Jan 2020 18:18

Instrument :

MSVOA_X

ClientSampled :

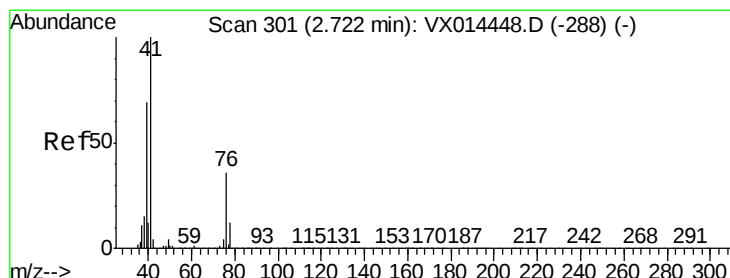
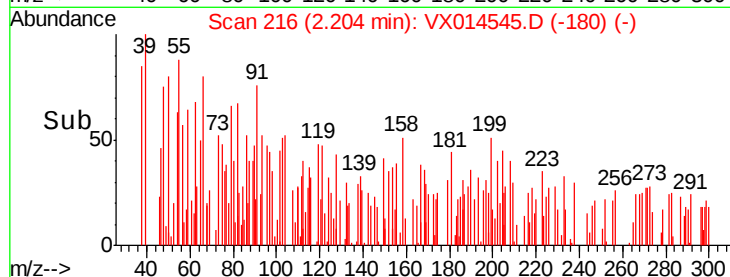
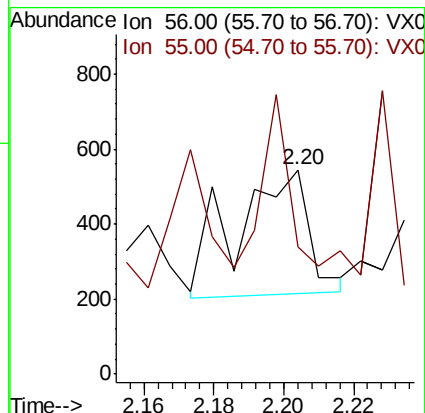
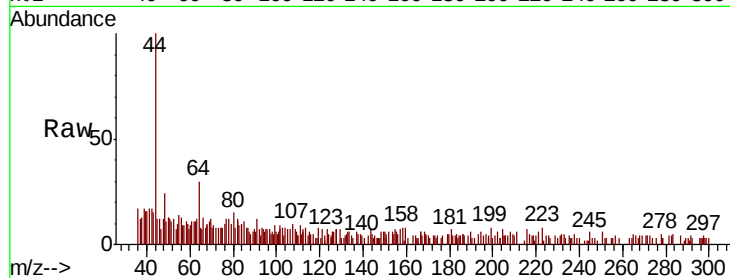
MW-1R

Tot Ion: 56 Resp: 483

Ion Ratio Lower Upper

56 100

55 64.4 55.0 82.6



#14

Allyl chloride

Concen: 13.969 ug/l

RT: 2.84 min Scan# 320

Delta R.T. 0.12 min

Lab File: VX014545.D

Acq: 10 Jan 2020 18:18

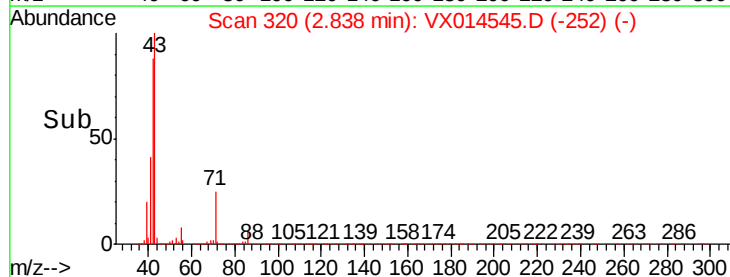
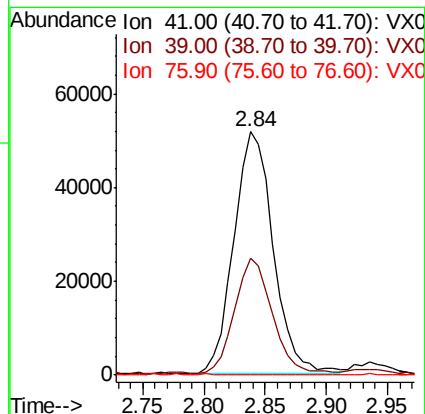
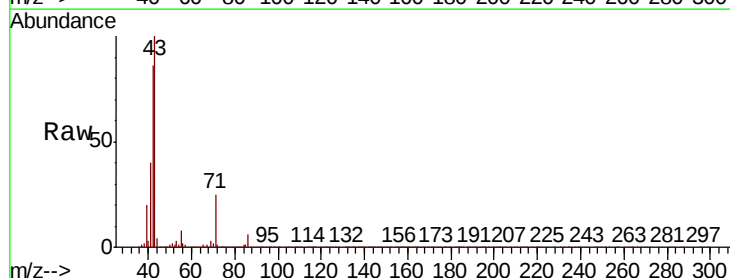
Tgt Ion: 41 Resp: 116152

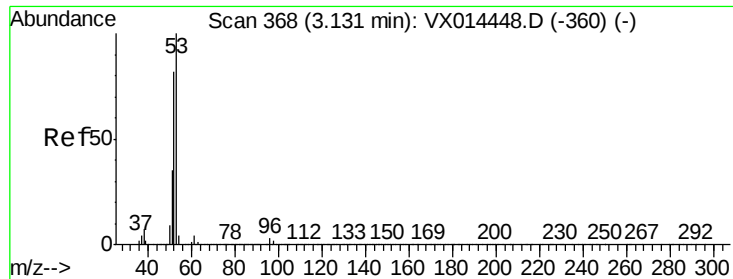
Ion Ratio Lower Upper

41 100

39 46.4 51.7 77.5#

76 0.2 26.8 40.2#





#15

Acrylonitrile

Concen: 3.986 ug/l

RT: 3.17 min Scan# 374

Delta R.T. 0.04 min

Lab File: VX014545.D

Acq: 10 Jan 2020 18:18

Instrument :

MSVOA_X

ClientSampleId :

MW-1R

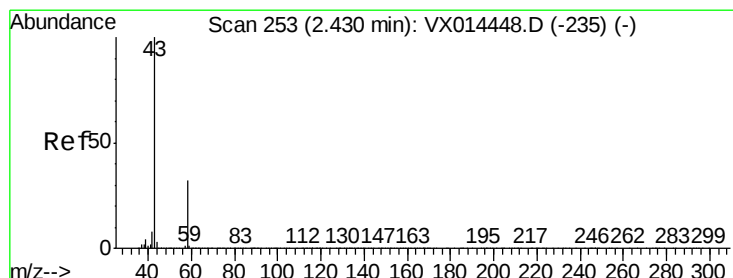
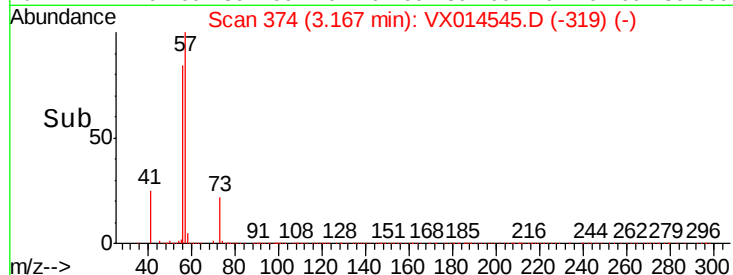
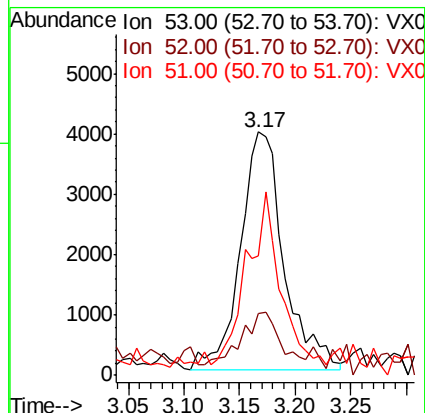
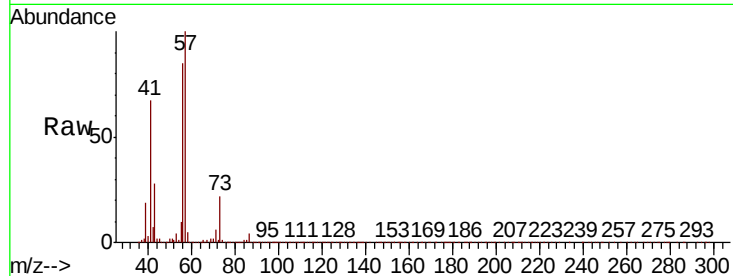
Tot Ion: 53 Resp: 10754

Ion Ratio Lower Upper

53 100

52 21.4 67.0 100.4#

51 53.8 28.5 42.7#



#16

Acetone

Concen: 8.391 ug/l

RT: 2.39 min Scan# 246

Delta R.T. -0.04 min

Lab File: VX014545.D

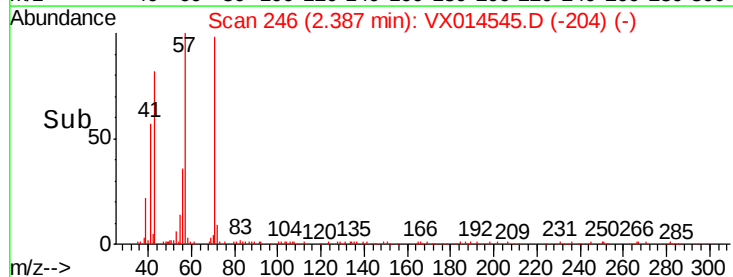
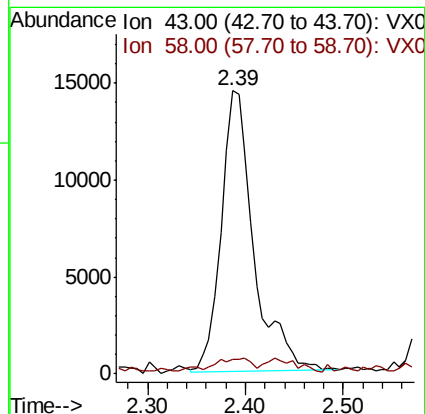
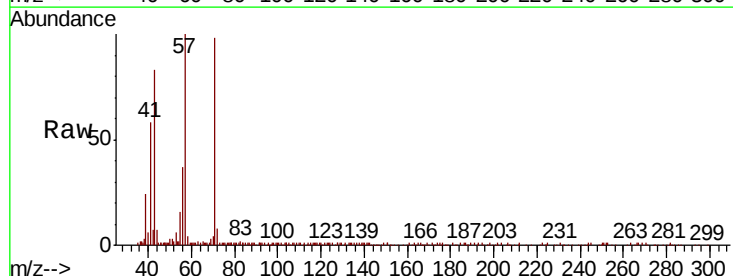
Acq: 10 Jan 2020 18:18

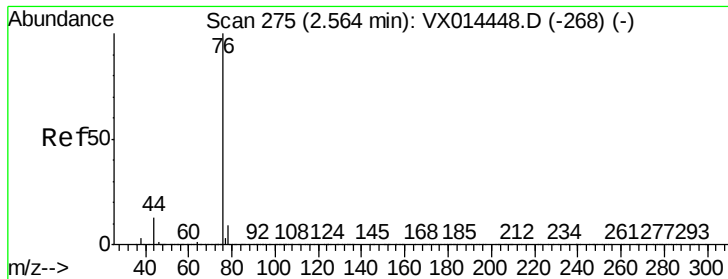
Tgt Ion: 43 Resp: 33362

Ion Ratio Lower Upper

43 100

58 3.5 25.4 38.0#





#17

Carbon Disulfide

Concen: 0.254 ug/l

RT: 2.57 min Scan# 276

Delta R.T. 0.01 min

Lab File: VX014545.D

Acq: 10 Jan 2020 18:18

Instrument :

MSVOA_X

ClientSampleId :

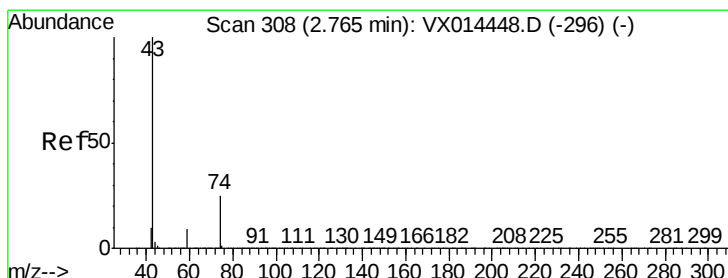
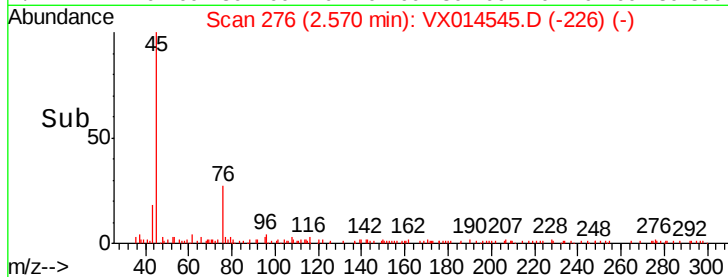
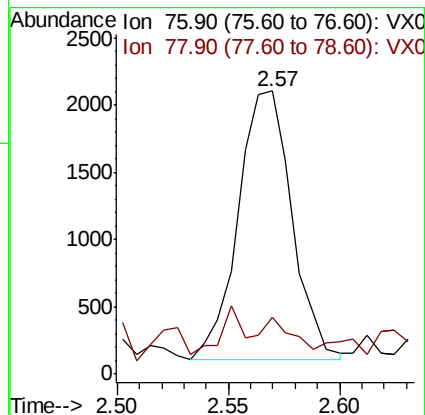
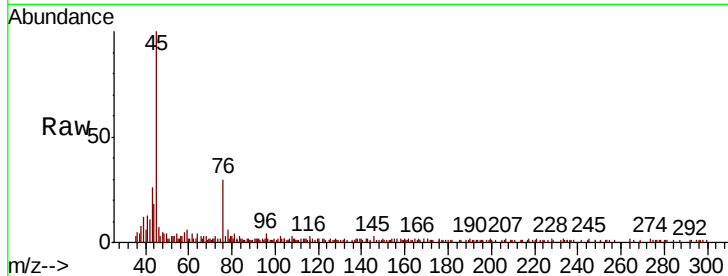
MW-1R

Tot Ion: 76 Resp: 3363

Ion Ratio Lower Upper

76 100

78 13.5 7.4 11.2#



#18

Methyl Acetate

Concen: 37.545 ug/l

RT: 2.84 min Scan# 320

Delta R.T. 0.07 min

Lab File: VX014545.D

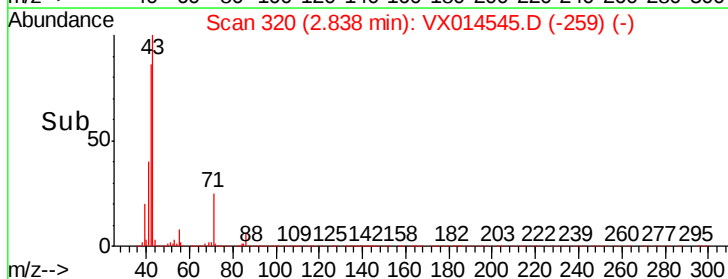
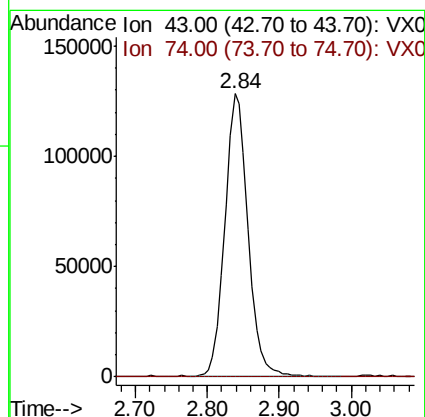
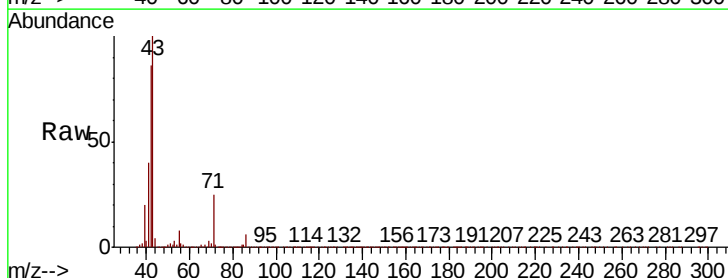
Acq: 10 Jan 2020 18:18

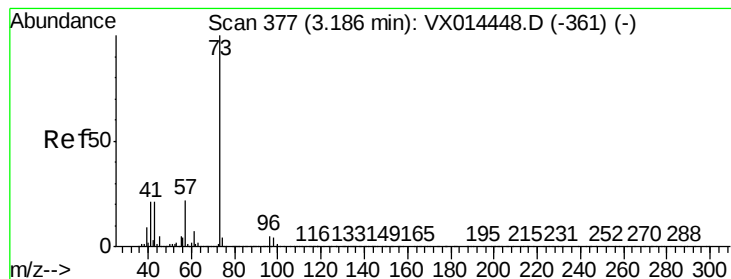
Tgt Ion: 43 Resp: 288871

Ion Ratio Lower Upper

43 100

74 0.1 19.4 29.2#





#19

Methyl tert-butyl Ether

Concen: 6.540 ug/l

RT: 3.19 min Scan# 377

Delta R.T. -0.00 min

Lab File: VX014545.D

Acq: 10 Jan 2020 18:18

Instrument :

MSVOA_X

ClientSampleId :

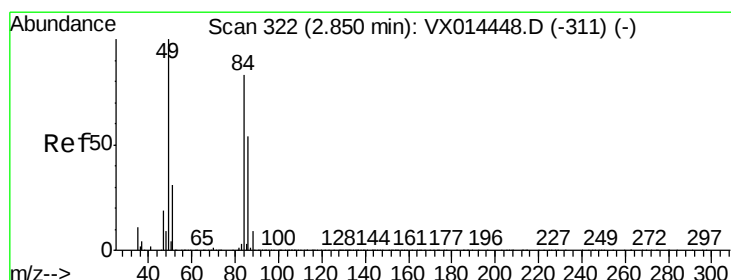
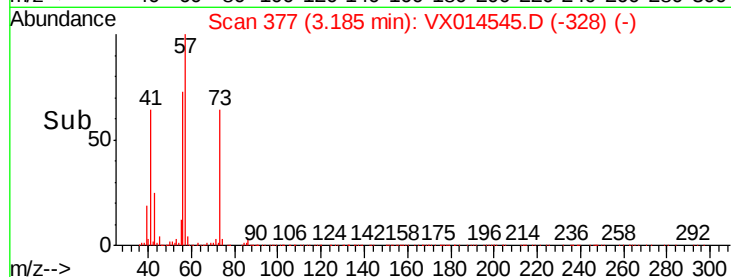
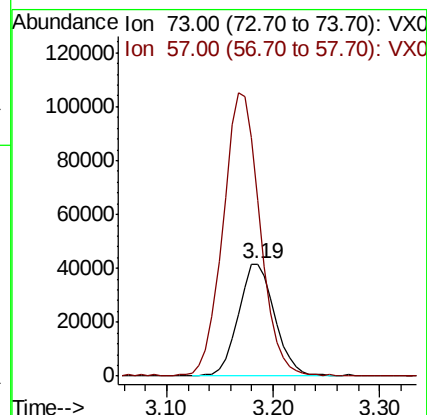
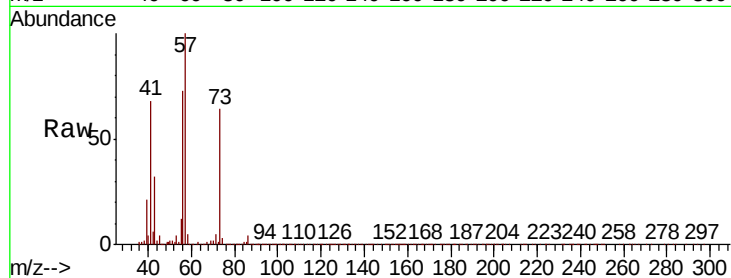
MW-1R

Tot Ion: 73 Resp: 99439

Ion Ratio Lower Upper

73 100

57 156.8 17.8 26.8#



#20

Methylene Chloride

Concen: 0.450 ug/l

RT: 2.85 min Scan# 322

Delta R.T. -0.00 min

Lab File: VX014545.D

Acq: 10 Jan 2020 18:18

Tgt Ion: 84 Resp: 2422

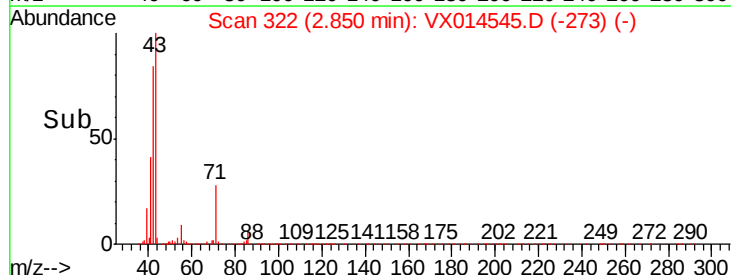
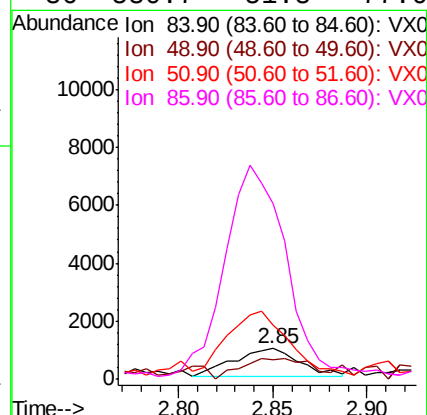
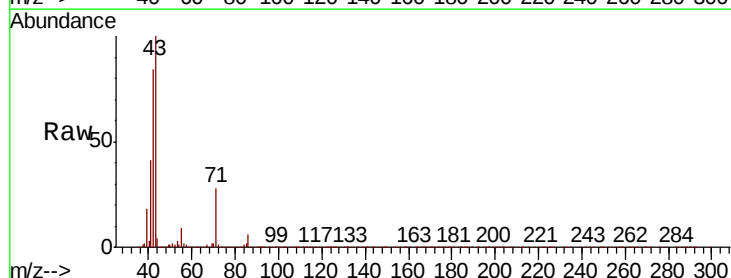
Ion Ratio Lower Upper

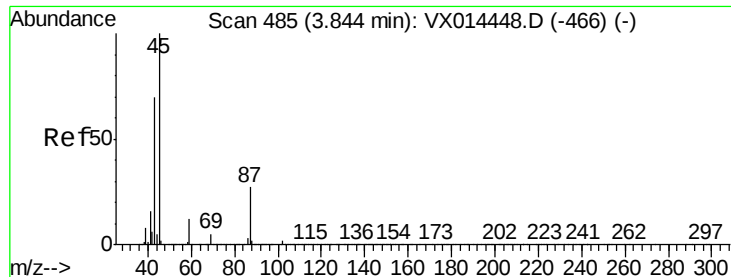
84 100

49 21.6 95.8 143.8#

51 166.9 30.2 45.4#

86 580.7 51.8 77.6#





#22

Diisopropyl ether

Concen: 0.395 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX014545.D

Acq: 10 Jan 2020 18:18

Instrument :

MSVOA_X

ClientSampleId :

MW-1R

Tot Ion: 45 Resp: 6346

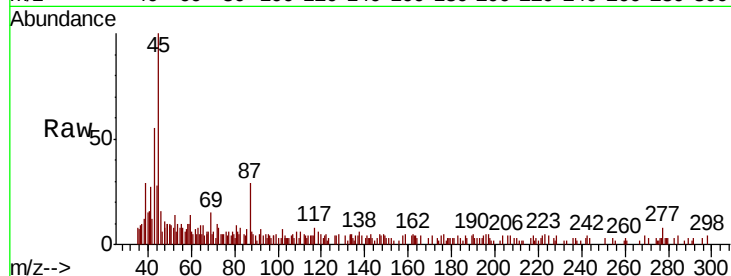
Ion Ratio Lower Upper

45 100

43 44.4 55.8 83.6#

87 23.5 21.8 32.8

59 15.1 9.1 13.7#

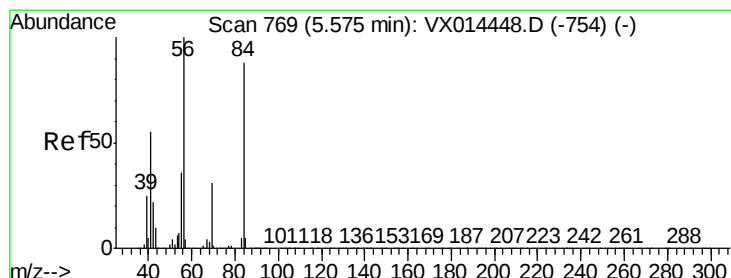
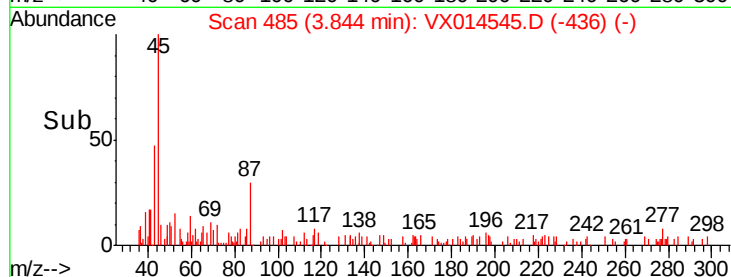
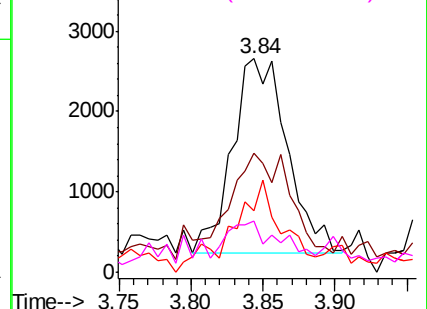


Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0



#31

Cyclohexane

Concen: 40.838 ug/l

RT: 5.72 min Scan# 793

Delta R.T. 0.15 min

Lab File: VX014545.D

Acq: 10 Jan 2020 18:18

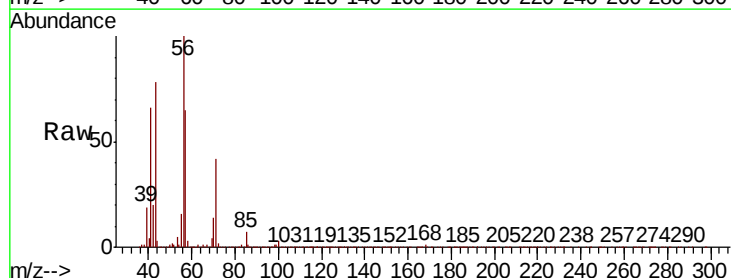
Tgt Ion: 56 Resp: 334148

Ion Ratio Lower Upper

56 100

69 3.3 24.4 36.6#

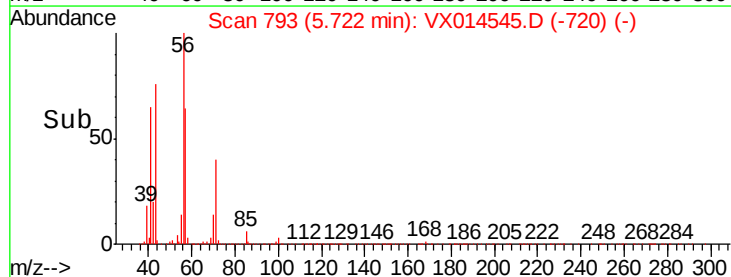
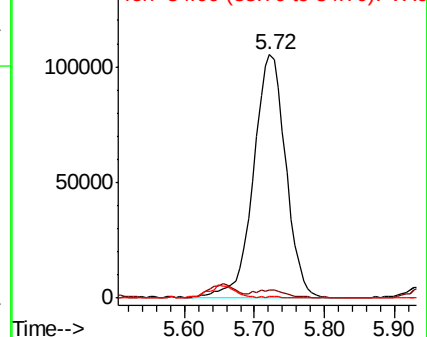
84 0.1 70.6 106.0#

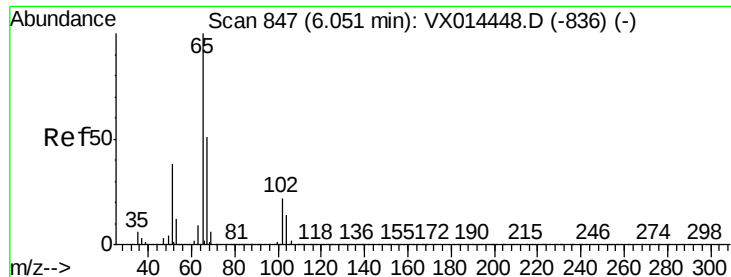


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 49.587 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX014545.D

Acq: 10 Jan 2020 18:18

Instrument :

MSVOA_X

ClientSampleId :

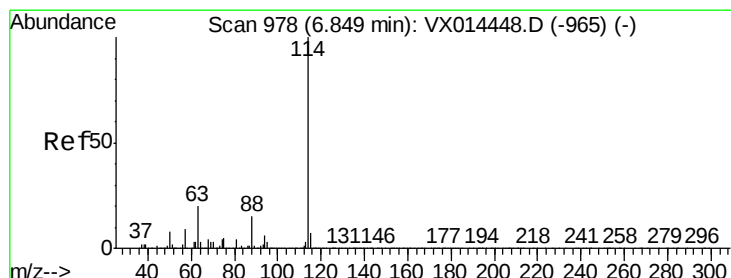
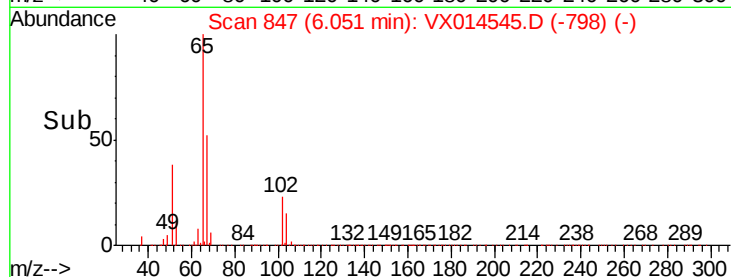
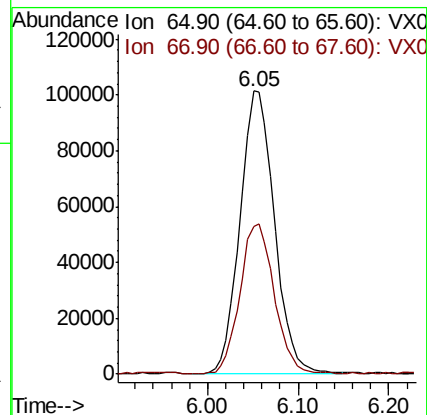
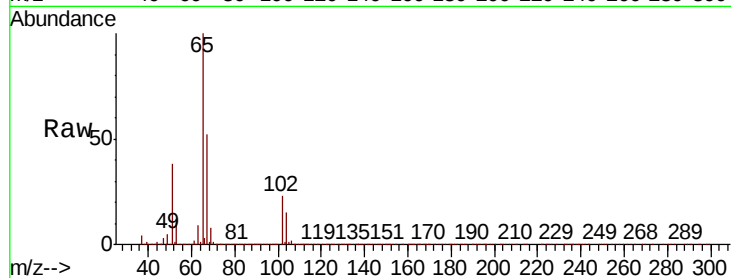
MW-1R

Tot Ion: 65 Resp: 265452

Ion Ratio Lower Upper

65 100

67 52.8 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 979

Delta R.T. 0.01 min

Lab File: VX014545.D

Acq: 10 Jan 2020 18:18

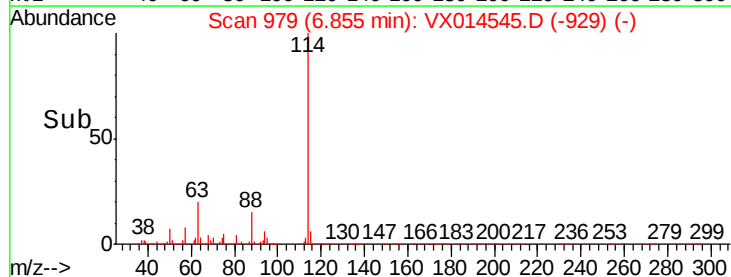
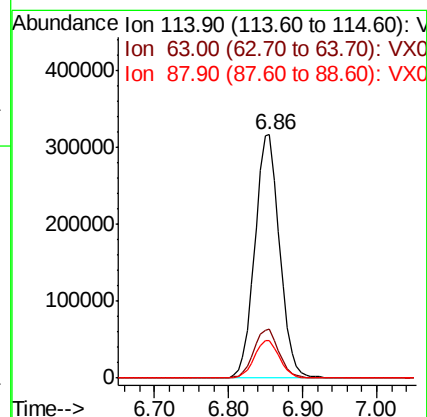
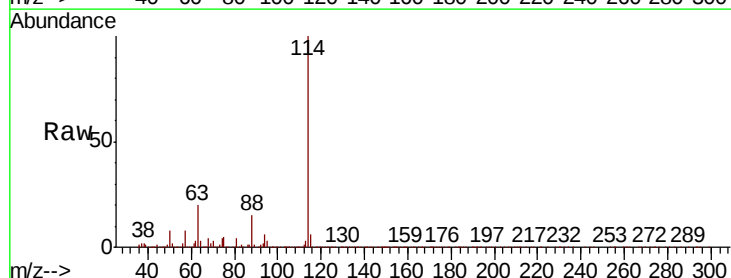
Tgt Ion: 114 Resp: 741906

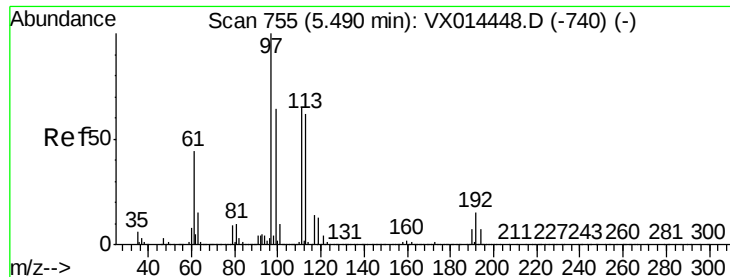
Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.6

88 15.1 0.0 30.8





#35

Dibromofluoromethane

Concen: 49.714 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX014545.D

Acq: 10 Jan 2020 18:18

Instrument :

MSVOA_X

ClientSampleId :

MW-1R

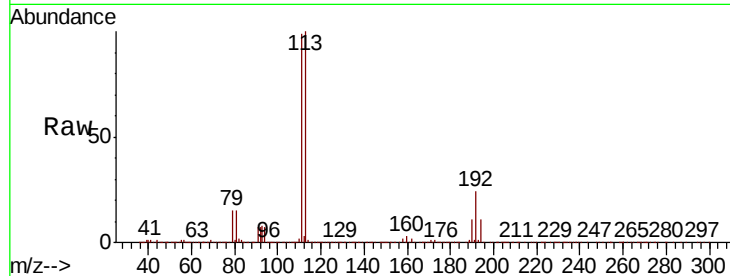
Tot Ion:113 Resp: 223269

Ion Ratio Lower Upper

113 100

111 102.1 81.5 122.3

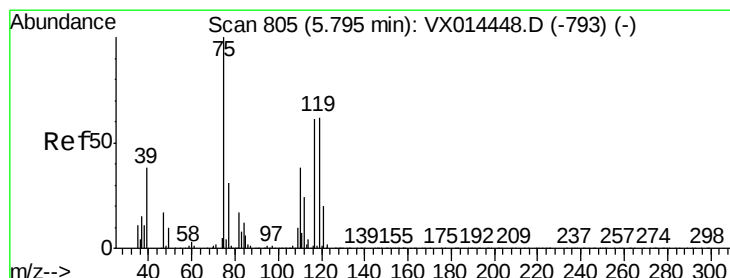
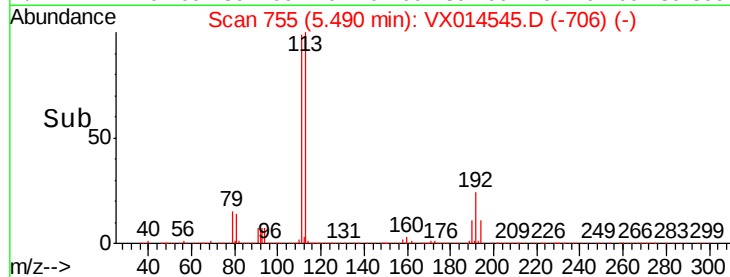
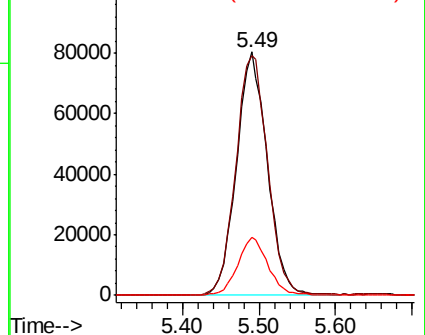
192 23.6 19.2 28.8



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: 4.478 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.14 min

Lab File: VX014545.D

Acq: 10 Jan 2020 18:18

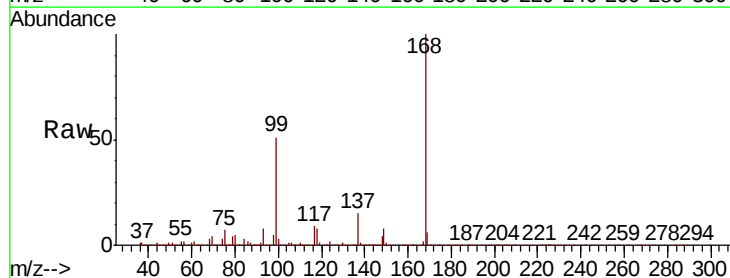
Tgt Ion: 75 Resp: 31244

Ion Ratio Lower Upper

75 100

110 9.9 18.6 55.8#

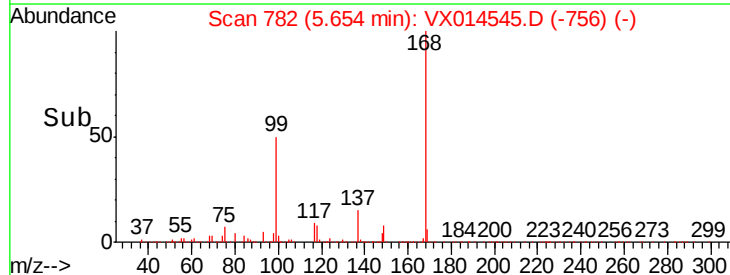
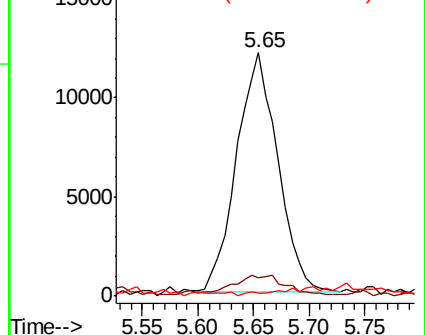
77 0.6 24.5 36.7#

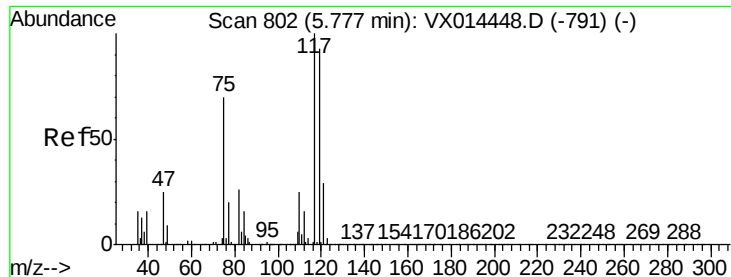


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.607 ug/l

RT: 5.66 min Scan# 783

Delta R.T. -0.12 min

Lab File: VX014545.D

Acq: 10 Jan 2020 18:18

Instrument :

MSVOA_X

ClientSampled :

MW-1R

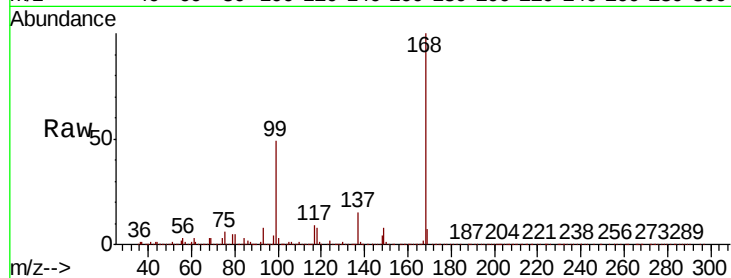
Tot Ion:117 Resp: 42417

Ion Ratio Lower Upper

117 100

119 4.7 73.8 110.8#

121 0.0 23.4 35.0#

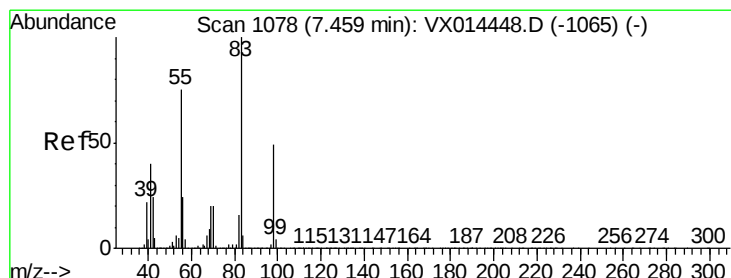
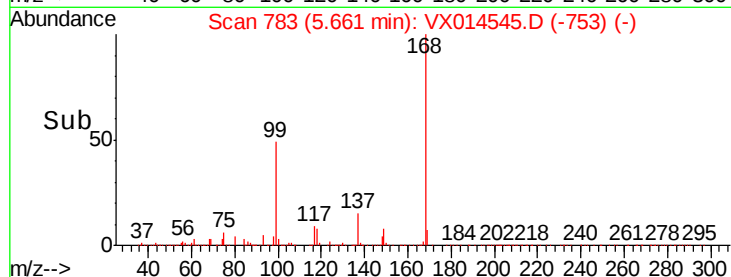
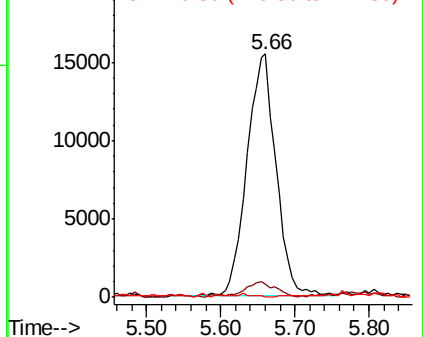


Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 1.503 ug/l

RT: 7.44 min Scan# 1075

Delta R.T. -0.02 min

Lab File: VX014545.D

Acq: 10 Jan 2020 18:18

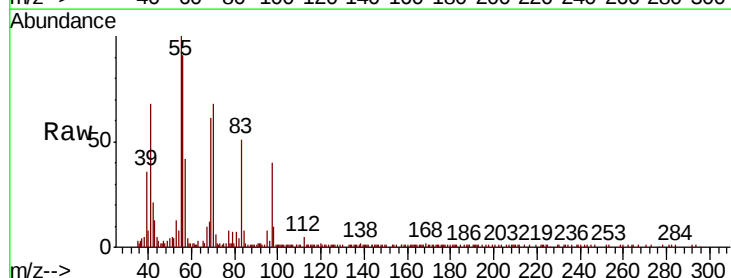
Tgt Ion: 83 Resp: 13178

Ion Ratio Lower Upper

83 100

55 195.5 59.7 89.5#

98 15.1 39.1 58.7#

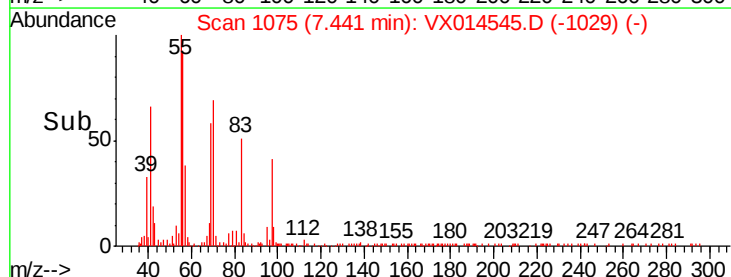
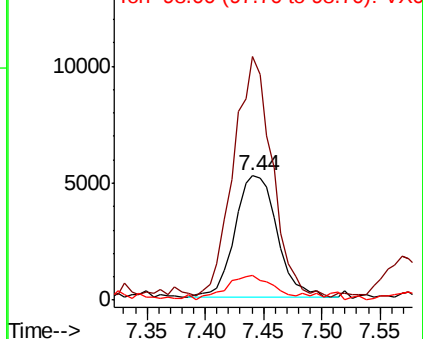


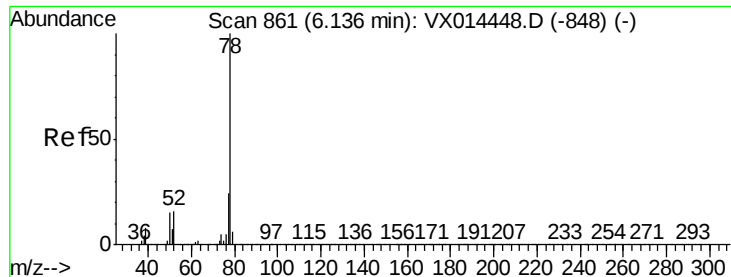
Abundance

Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 0.571 ug/l

RT: 6.14 min Scan# 862

Delta R.T. 0.01 min

Lab File: VX014545.D

Acq: 10 Jan 2020 18:18

Instrument :

MSVOA_X

ClientSampled :

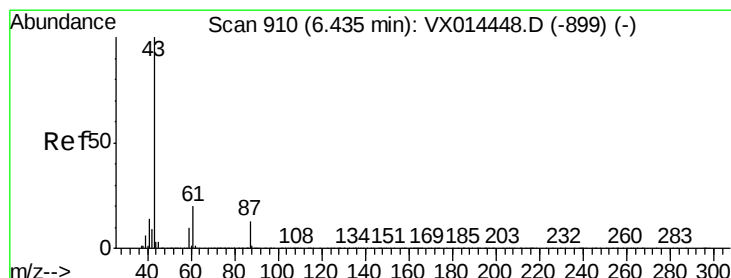
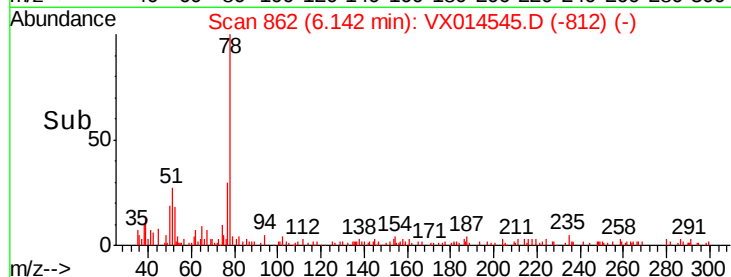
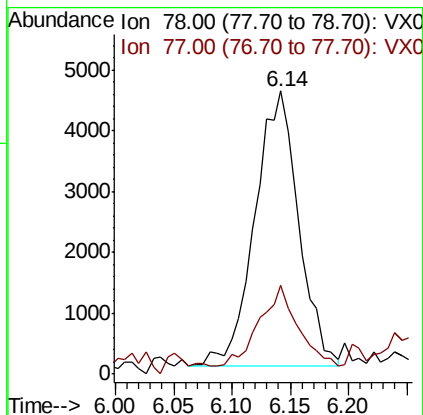
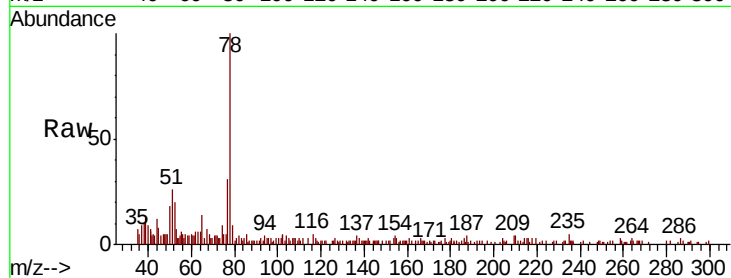
MW-1R

Tot Ion: 78 Resp: 11828

Ion Ratio Lower Upper

78 100

77 29.3 19.5 29.3#



#43

Isopropyl Acetate

Concen: 18.729 ug/l

RT: 6.34 min Scan# 894

Delta R.T. -0.10 min

Lab File: VX014545.D

Acq: 10 Jan 2020 18:18

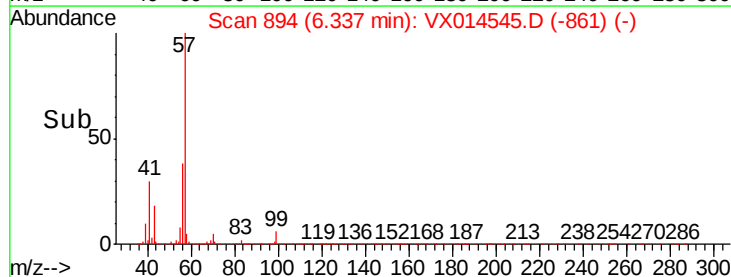
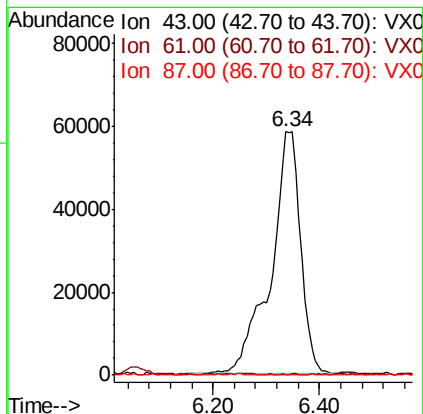
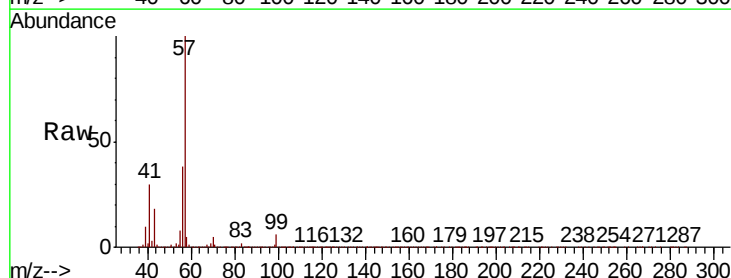
Tgt Ion: 43 Resp: 229285

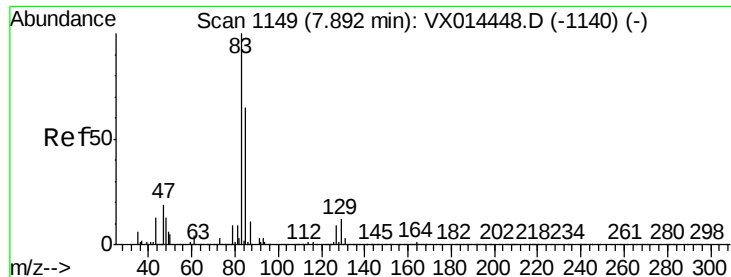
Ion Ratio Lower Upper

43 100

61 0.0 16.6 24.8#

87 0.1 10.8 16.2#





#47

Bromodichloromethane

Concen: 0.324 ug/l

RT: 7.96 min Scan# 1160

Delta R.T. 0.07 min

Lab File: VX014545.D

Acq: 10 Jan 2020 18:18

Instrument :

MSVOA_X

ClientSampleId :

MW-1R

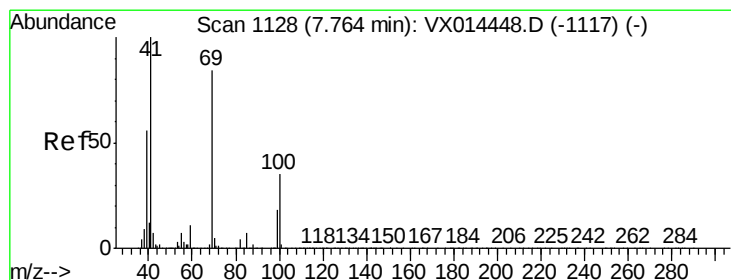
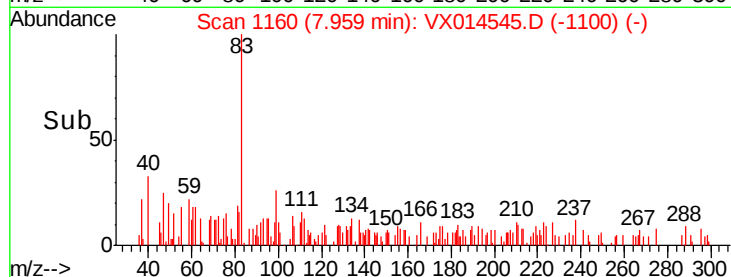
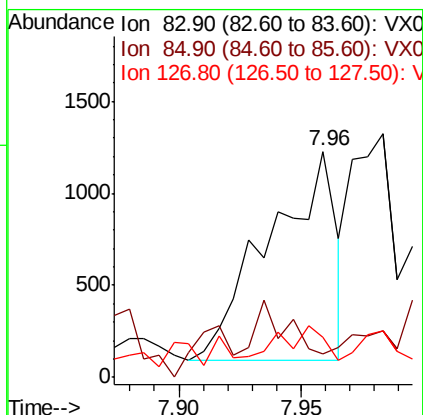
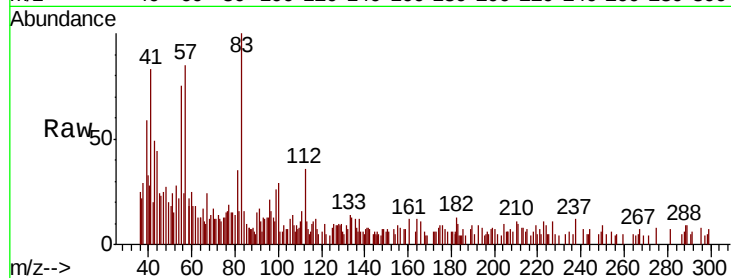
Tot Ion: 83 Resp: 2175

Ion Ratio Lower Upper

83 100

85 0.0 51.7 77.5#

127 11.3 7.1 10.7#



#48

Methyl methacrylate

Concen: 2.445 ug/l

RT: 7.84 min Scan# 1141

Delta R.T. 0.08 min

Lab File: VX014545.D

Acq: 10 Jan 2020 18:18

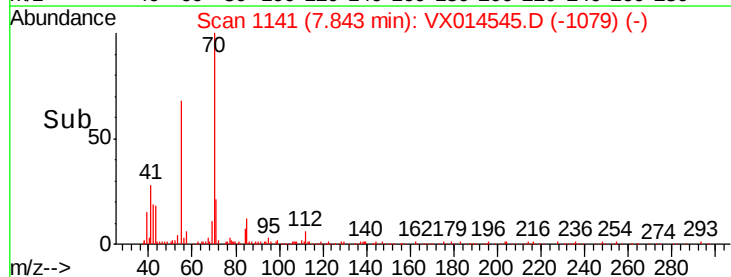
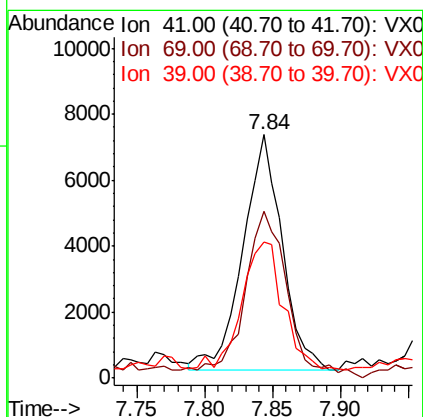
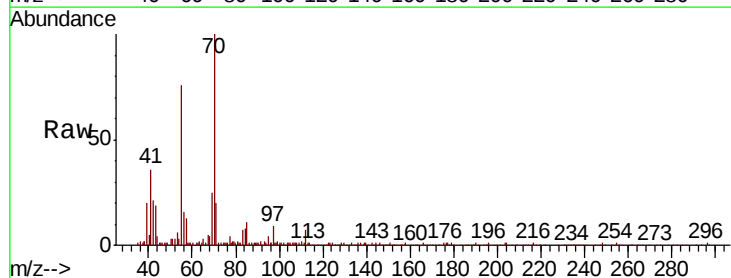
Tgt Ion: 41 Resp: 14336

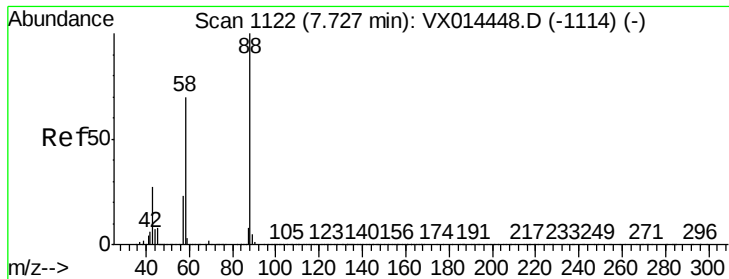
Ion Ratio Lower Upper

41 100

69 80.0 65.5 98.3

39 58.3 43.9 65.9

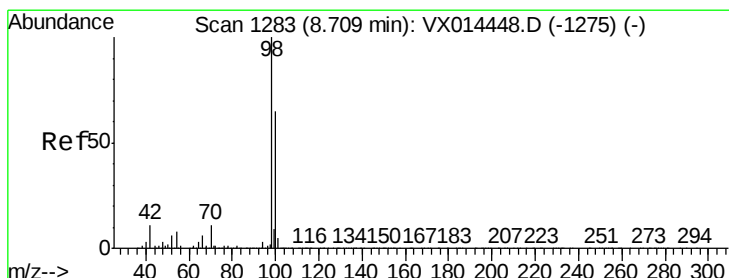
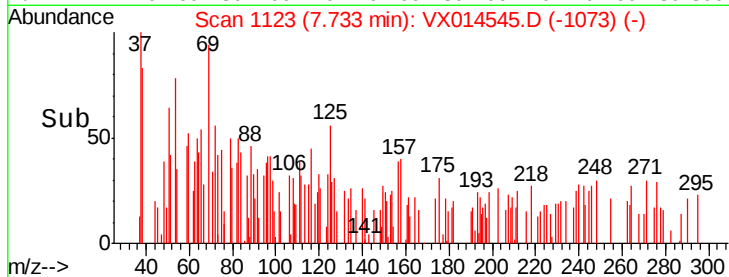
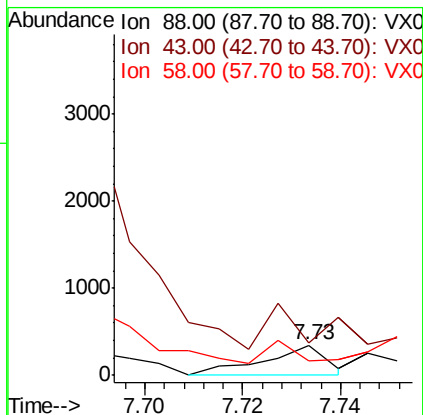
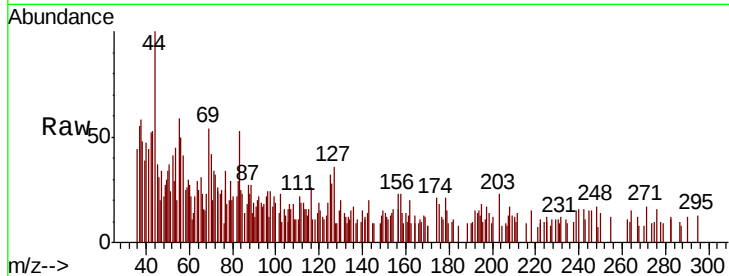




#49
1,4-Dioxane
Concen: 2.487 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VX014545.D
Acq: 10 Jan 2020 18:18

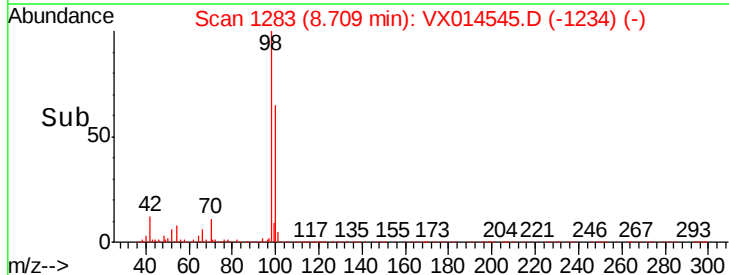
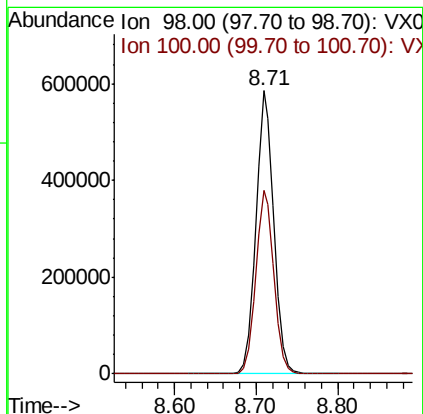
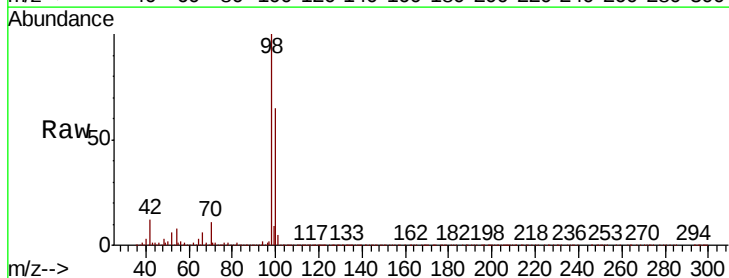
Instrument :
MSVOA_X
ClientSampleId :
MW-1R

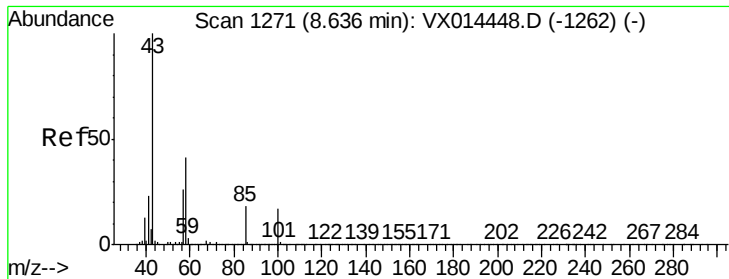
Tot Ion: 88 Resp: 309
Ion Ratio Lower Upper
88 100
43 0.0 27.4 41.0#
58 36.6 57.1 85.7#



#50
Toluene-d8
Concen: 51.752 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX014545.D
Acq: 10 Jan 2020 18:18

Tgt Ion: 98 Resp: 901954
Ion Ratio Lower Upper
98 100
100 65.7 53.2 79.8

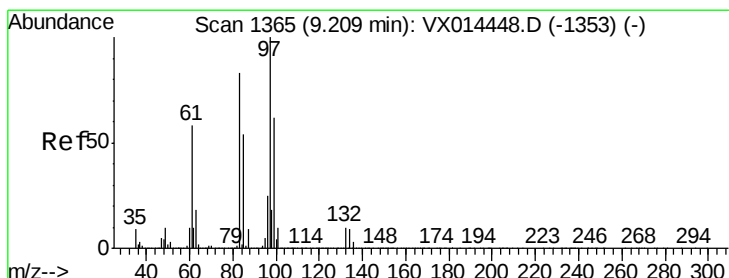
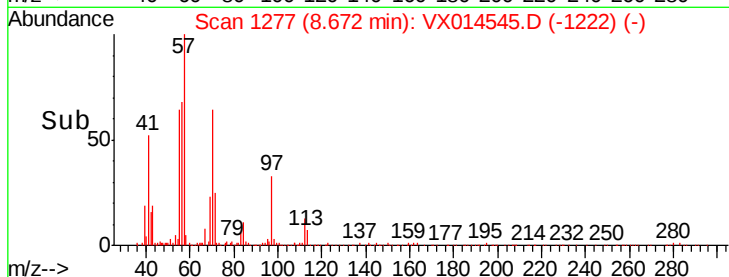
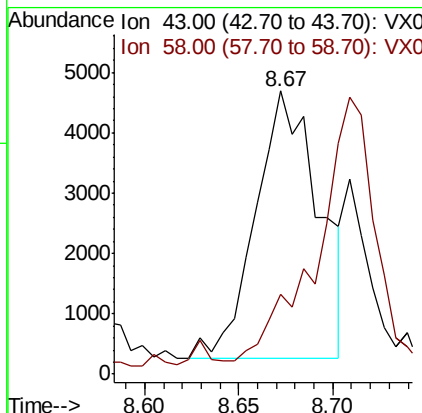
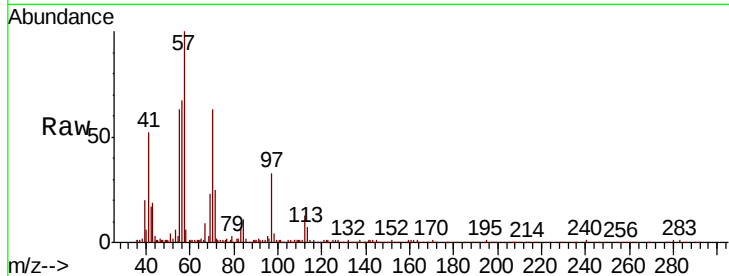




#51
4-Methyl-2-Pentanone
Concen: 1.390 ug/l
RT: 8.67 min Scan# 1277
Delta R.T. 0.04 min
Lab File: VX014545.D
Acq: 10 Jan 2020 18:18

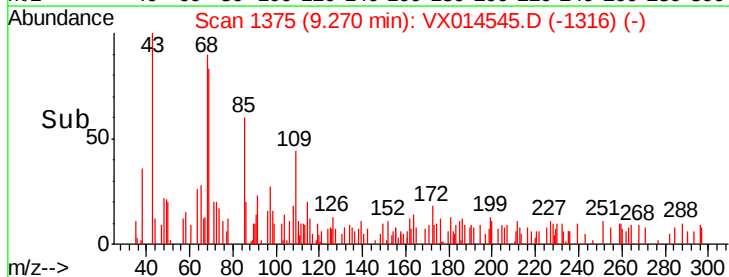
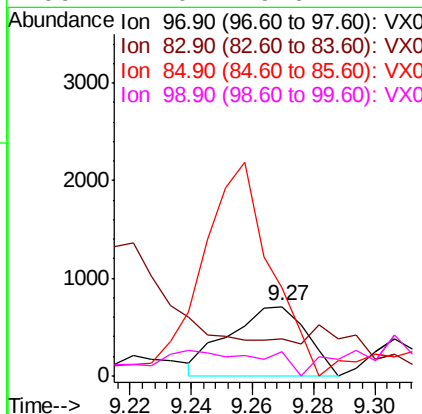
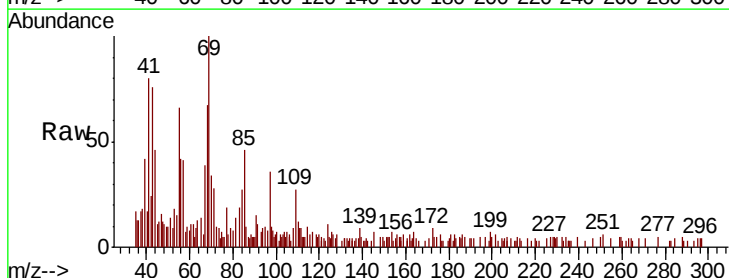
Instrument :
MSVOA_X
ClientSampled :
MW-1R

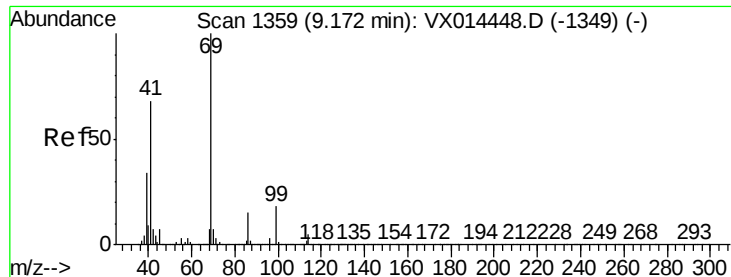
Tot Ion: 43 Resp: 10371
Ion Ratio Lower Upper
43 100
58 0.0 32.4 48.6#



#55
1,1,2-Trichloroethane
Concen: 0.236 ug/l
RT: 9.27 min Scan# 1375
Delta R.T. 0.06 min
Lab File: VX014545.D
Acq: 10 Jan 2020 18:18

Tgt Ion: 97 Resp: 1256
Ion Ratio Lower Upper
97 100
83 1.0 66.4 99.6#
85 104.9 43.4 65.2#
99 12.0 49.6 74.4#





#56

Ethyl methacrylate

Concen: 0.892 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. -0.01 min

Lab File: VX014545.D

Acq: 10 Jan 2020 18:18

Instrument :

MSVOA_X

ClientSampled :

MW-1R

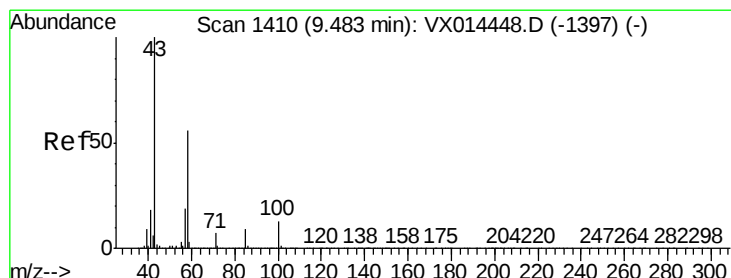
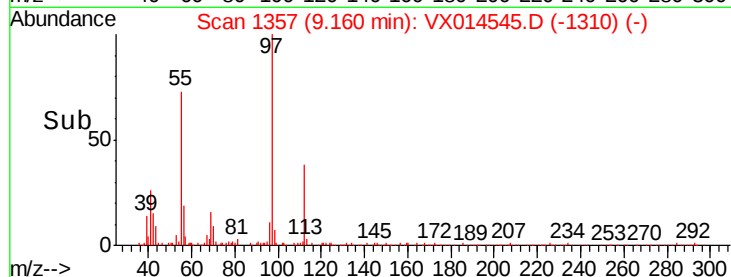
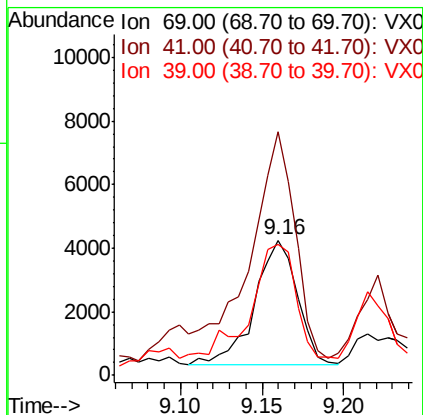
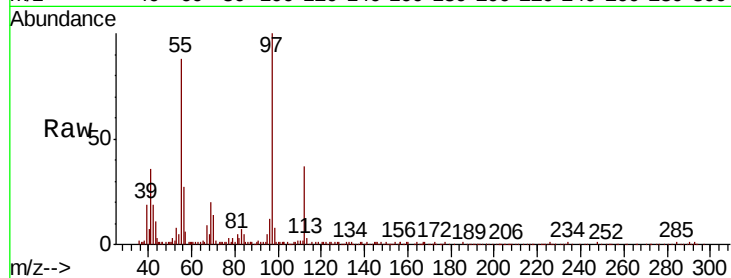
Tot Ion: 69 Resp: 7277

Ion Ratio Lower Upper

69 100

41 181.9 54.2 81.2#

39 100.2 28.2 42.2#



#59

2-Hexanone

Concen: 2.674 ug/l

RT: 9.51 min Scan# 1414

Delta R.T. 0.02 min

Lab File: VX014545.D

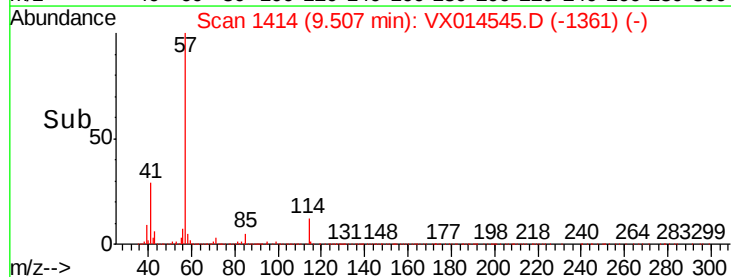
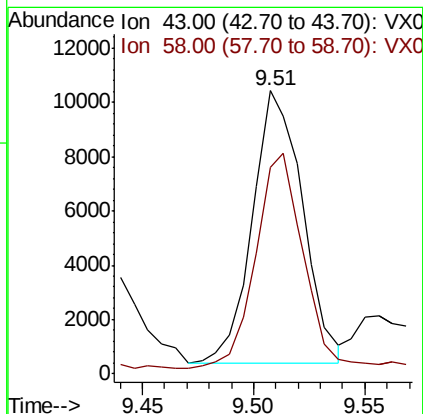
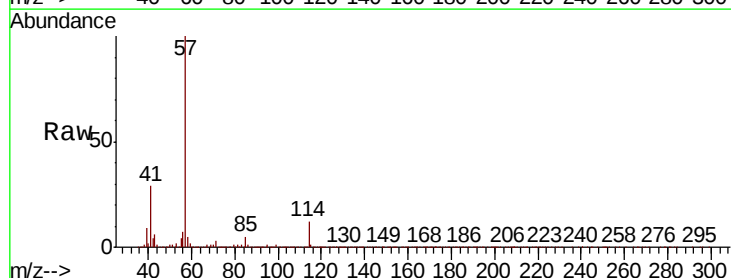
Acq: 10 Jan 2020 18:18

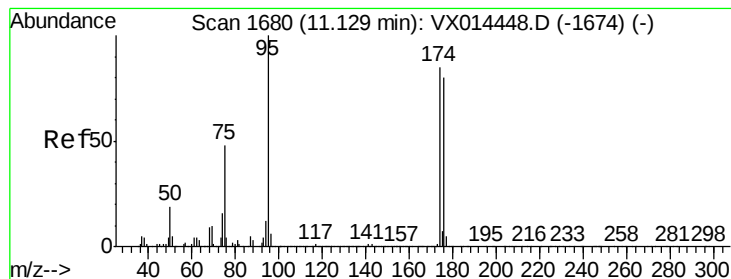
Tgt Ion: 43 Resp: 15783

Ion Ratio Lower Upper

43 100

58 75.1 27.9 83.7





#62

4-Bromofluorobenzene

Concen: 47.761 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX014545.D

Acq: 10 Jan 2020 18:18

Instrument :

MSVOA_X

ClientSampleId :

MW-1R

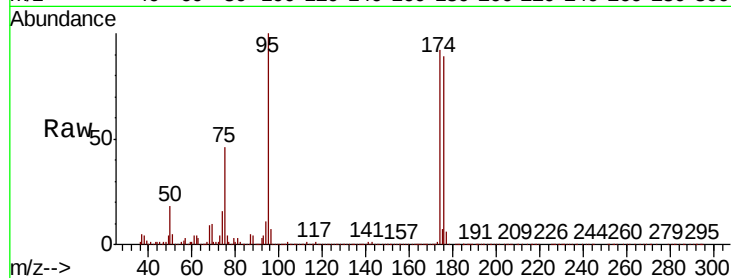
Tot Ion: 95 Resp: 305582

Ion Ratio Lower Upper

95 100

174 88.7 0.0 180.8

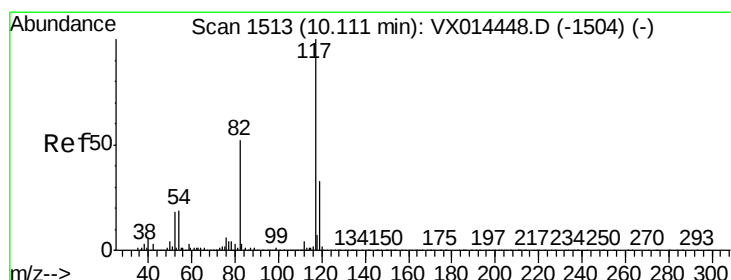
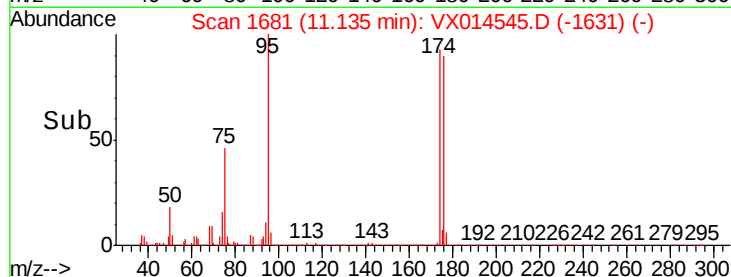
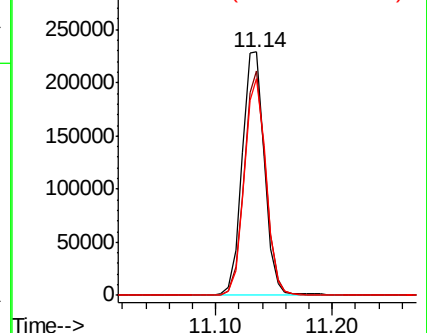
176 87.1 0.0 172.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX014545.D

Acq: 10 Jan 2020 18:18

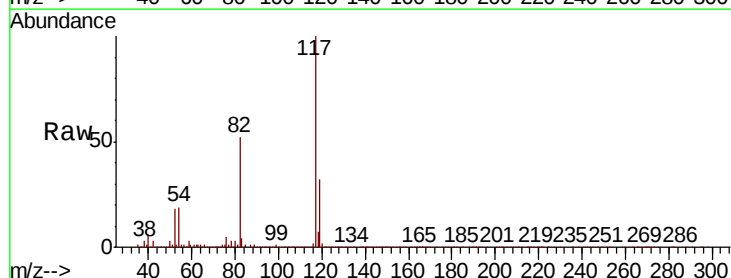
Tgt Ion: 117 Resp: 676335

Ion Ratio Lower Upper

117 100

82 52.1 41.8 62.6

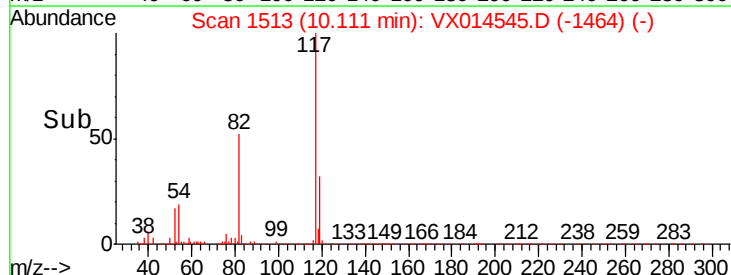
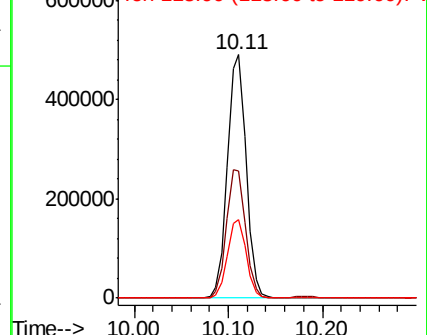
119 32.4 26.2 39.4

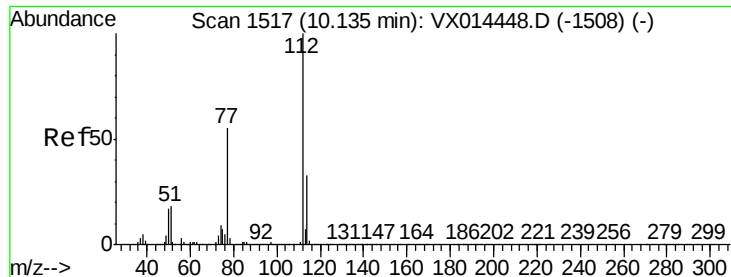


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#65

Chlorobenzene

Concen: 0.518 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX014545.D

Acq: 10 Jan 2020 18:18

Instrument :

MSVOA_X

ClientSampleId :

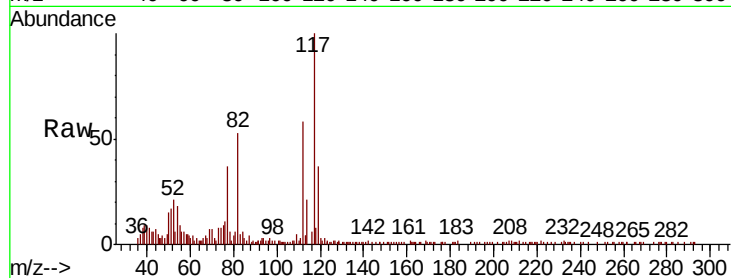
MW-1R

Tot Ion:112 Resp: 7606

Ion Ratio Lower Upper

112 100

114 34.0 26.2 39.4

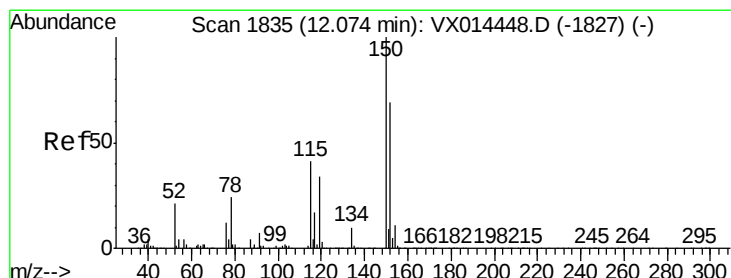
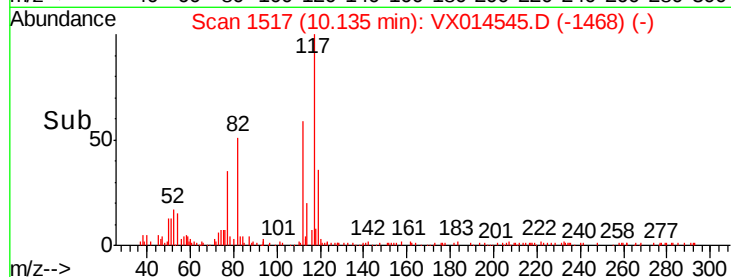


Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX014545.D

Acq: 10 Jan 2020 18:18

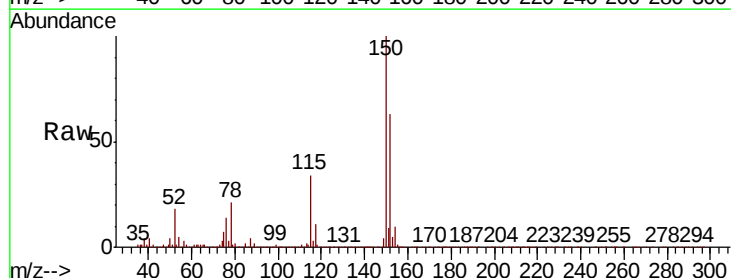
Tgt Ion:152 Resp: 314428

Ion Ratio Lower Upper

152 100

115 55.0 39.5 118.3

150 157.3 0.0 350.2



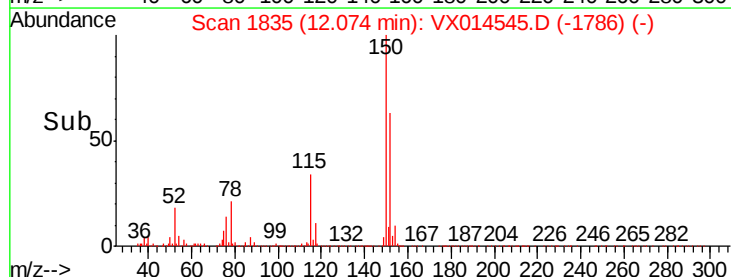
Abundance Ion 151.90 (151.60 to 152.60): V

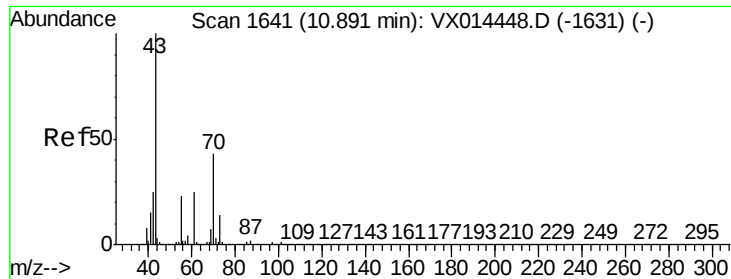
Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

12.07

Time-->





#74

N-amvl acetate

Concen: 0.300 ug/l

RT: 10.90 min Scan# 1642

Delta R.T. 0.01 min

Lab File: VX014545.D

Acq: 10 Jan 2020 18:18

Instrument :

MSVOA_X

ClientSampleId :

MW-1R

Tot Ion: 43 Resp: 2927

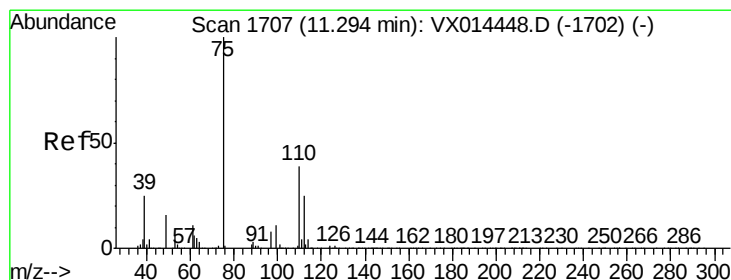
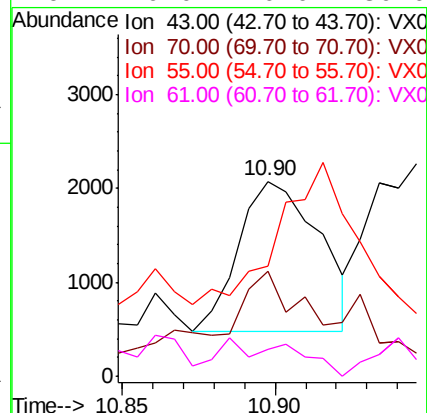
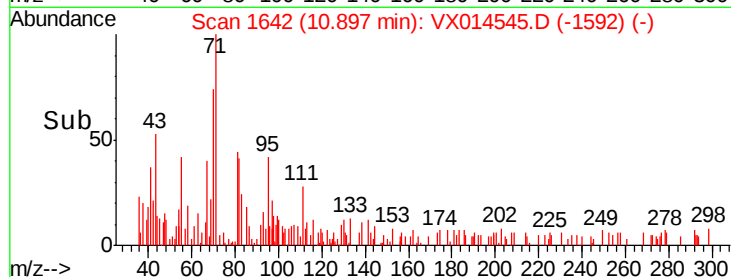
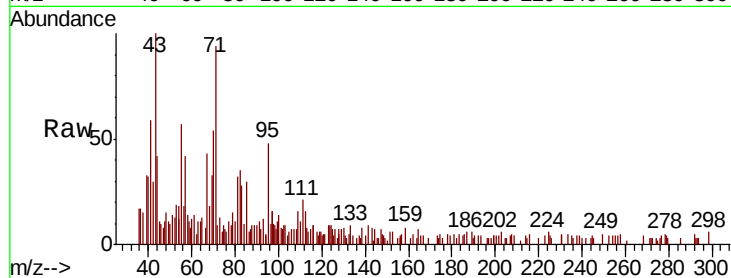
Ion Ratio Lower Upper

43 100

70 89.4 35.1 52.7#

55 134.6 19.3 28.9#

61 0.0 20.0 30.0#



#76

1,2,3-Trichloropropane

Concen: 23.187 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX014545.D

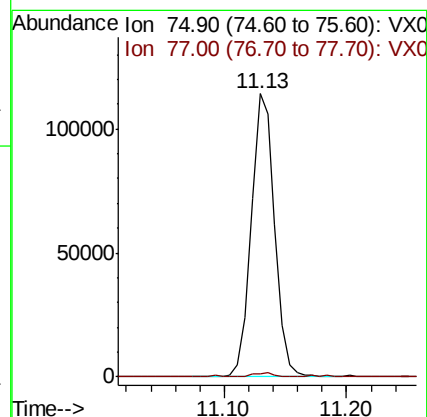
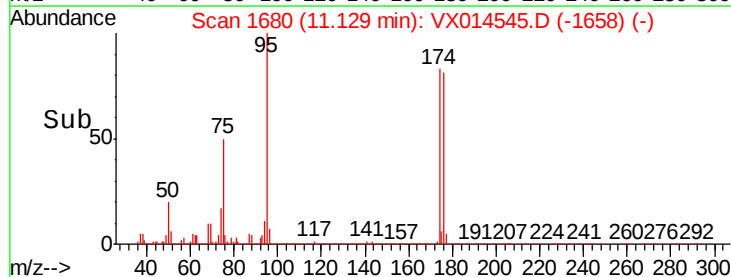
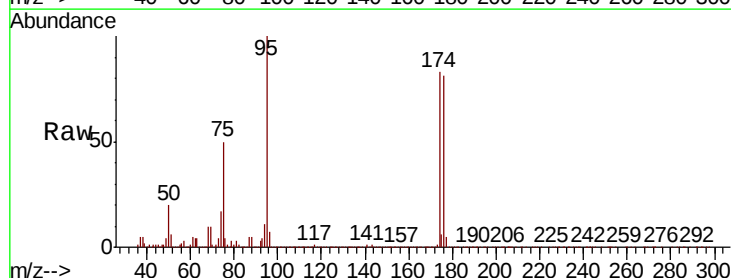
Acq: 10 Jan 2020 18:18

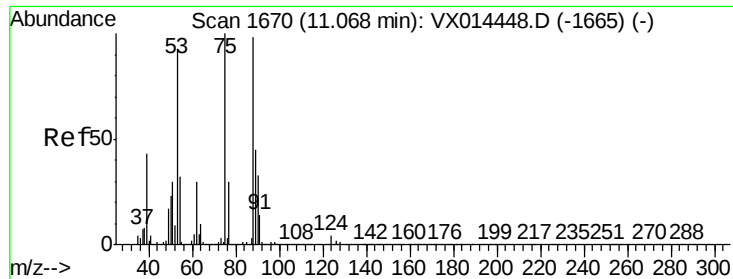
Tgt Ion: 75 Resp: 150848

Ion Ratio Lower Upper

75 100

77 1.1 21.9 65.7#

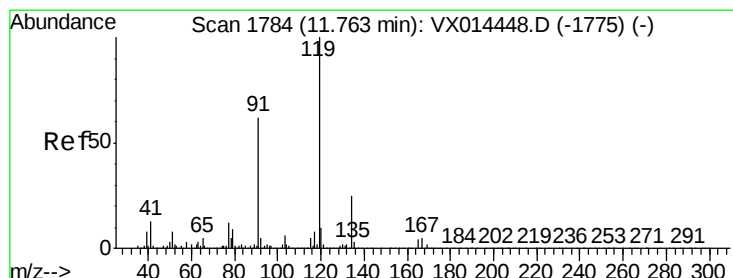
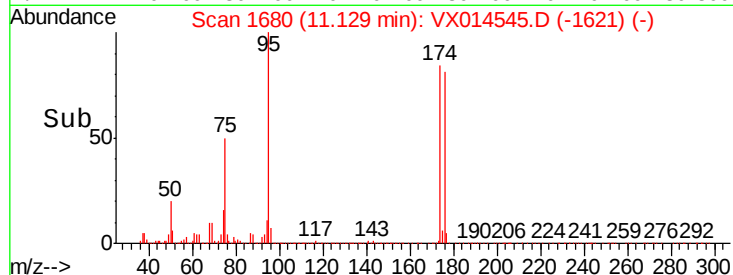
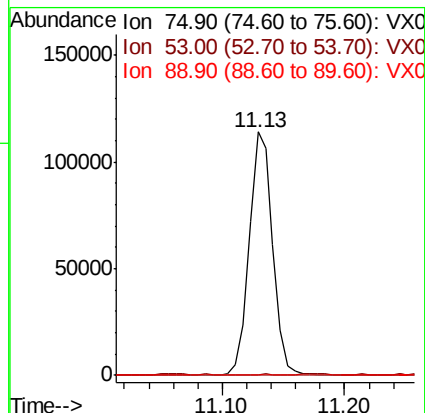
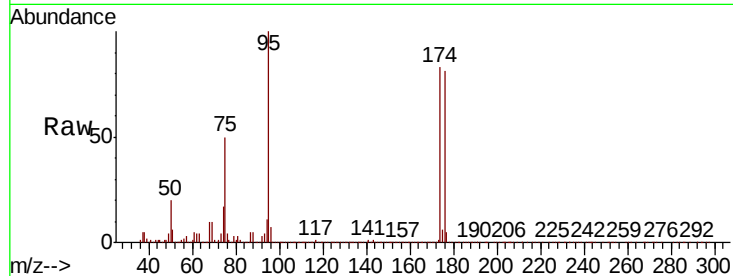




#81
trans-1,4-Dichloro-2-butene
Concen: 61.303 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX014545.D
Acq: 10 Jan 2020 18:18

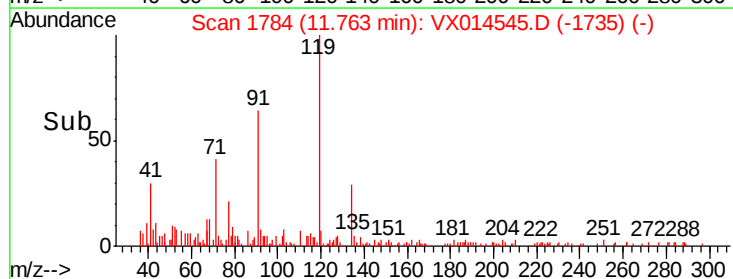
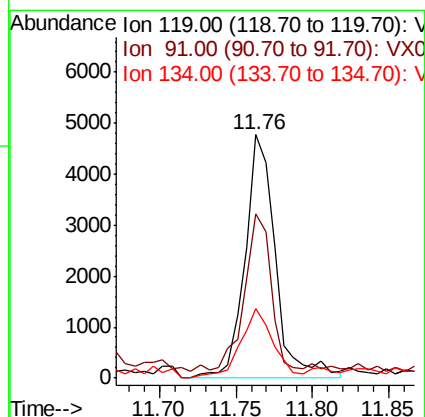
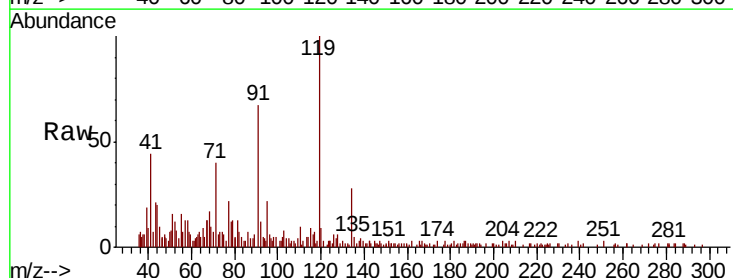
Instrument :
MSVOA_X
ClientSampleId :
MW-1R

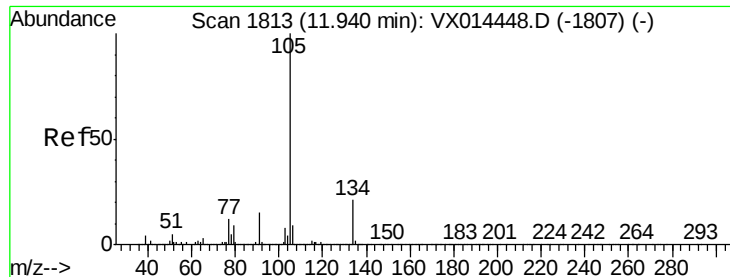
Tot Ion: 75 Resp: 150848
Ion Ratio Lower Upper
75 100
53 0.2 74.8 112.2#
89 0.2 36.3 54.5#



#83
tert-Butylbenzene
Concen: 0.381 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX014545.D
Acq: 10 Jan 2020 18:18

Tgt Ion: 119 Resp: 6594
Ion Ratio Lower Upper
119 100
91 55.1 29.3 88.0
134 30.6 12.4 37.4





#85

sec-Butylbenzene

Concen: 0.504 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX014545.D

Acq: 10 Jan 2020 18:18

Instrument :

MSVOA_X

ClientSampleId :

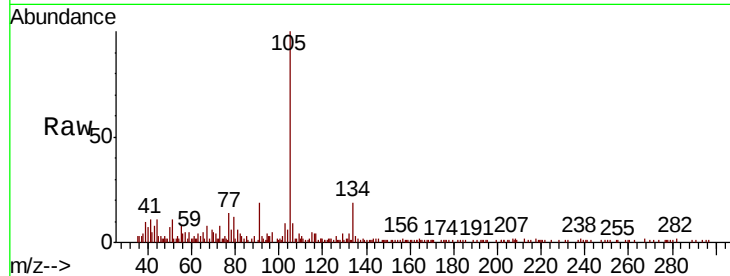
MW-1R

Tot Ion:105 Resp: 10852

Ion Ratio Lower Upper

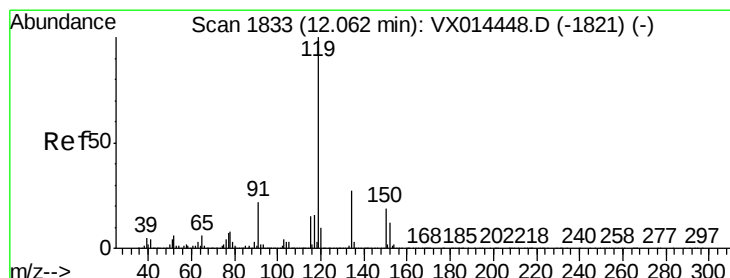
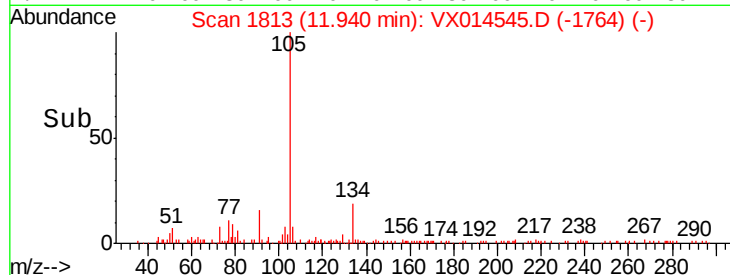
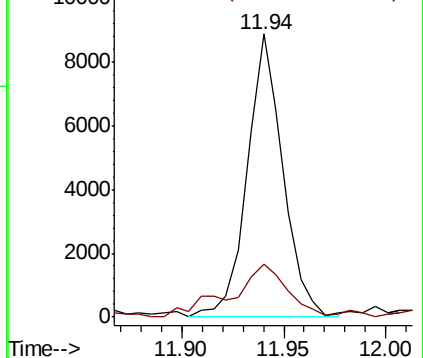
105 100

134 29.8 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.991 ug/l

RT: 12.23 min Scan# 1860

Delta R.T. 0.16 min

Lab File: VX014545.D

Acq: 10 Jan 2020 18:18

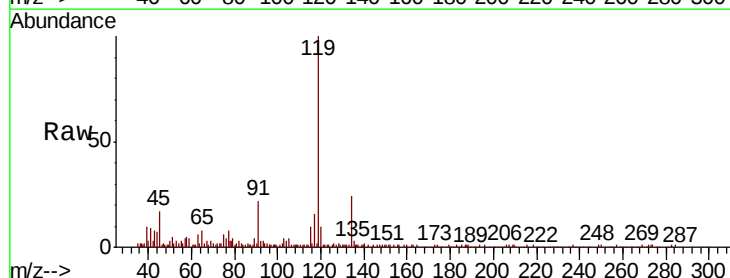
Tgt Ion:119 Resp: 19806

Ion Ratio Lower Upper

119 100

134 29.7 13.5 40.4

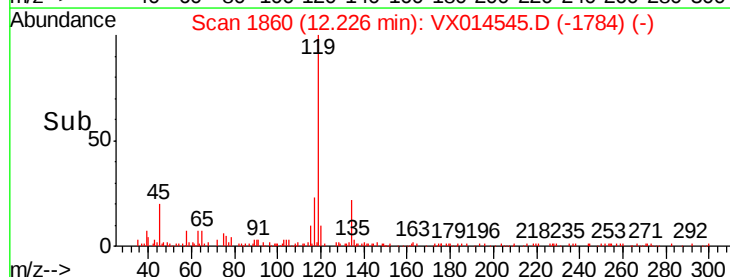
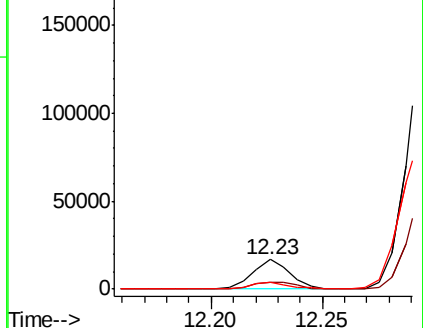
91 21.2 11.1 33.3

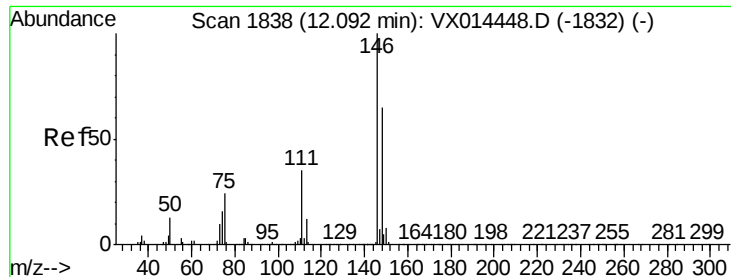


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

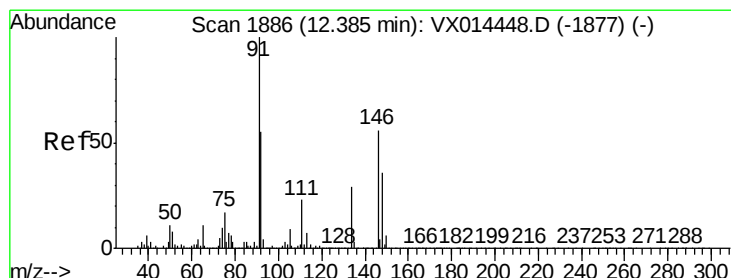
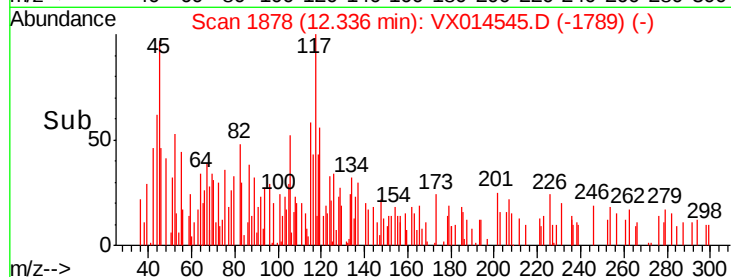
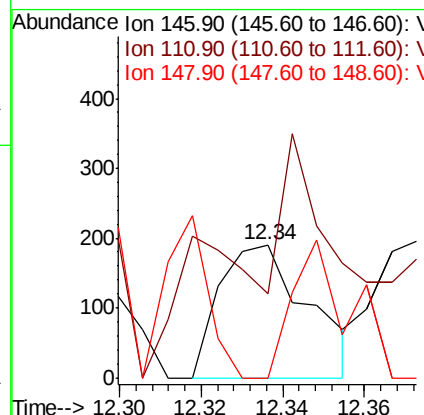
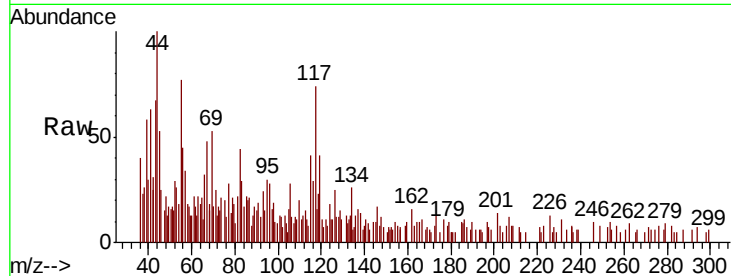




#88
 1,4-Dichlorobenzene
 Concen: Below Cal
 RT: 12.34 min Scan# 1878
 Delta R.T. 0.24 min
 Lab File: VX014545.D
 Acq: 10 Jan 2020 18:18

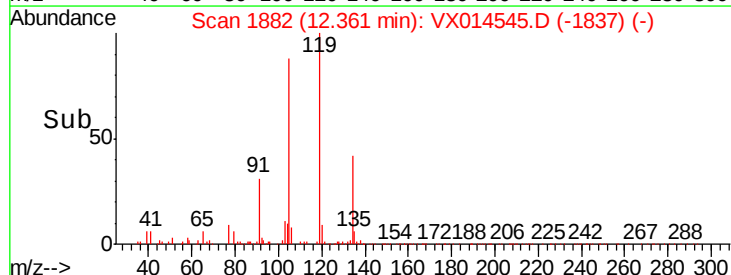
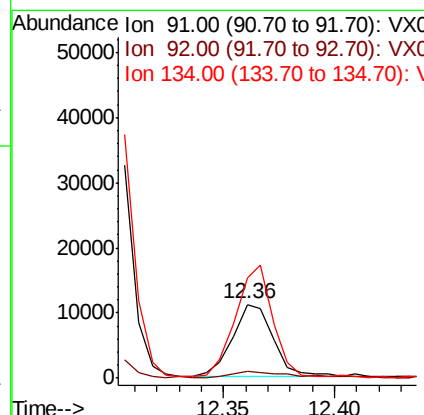
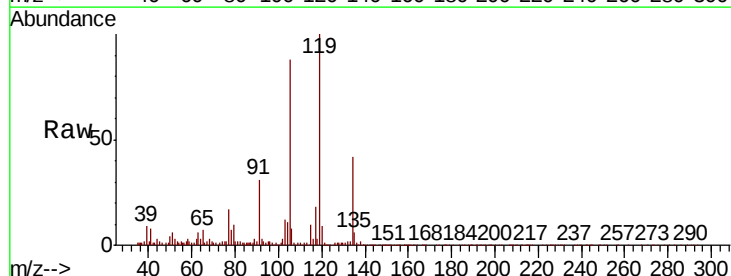
Instrument :
 MSVOA_X
 ClientSampled :
 MW-1R

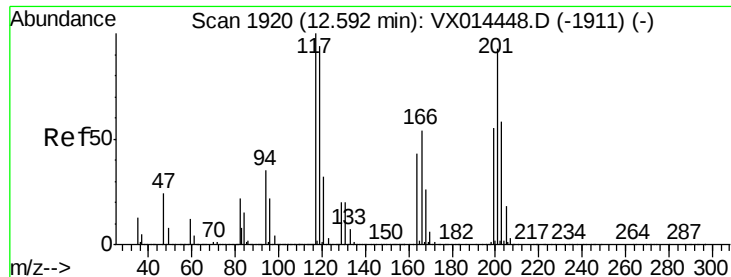
Tot Ion:146 Resp: 286
 Ion Ratio Lower Upper
 146 100
 111 49.7 18.1 54.1
 148 65.7 32.1 96.3



#89
 n-Butylbenzene
 Concen: 0.778 ug/l
 RT: 12.36 min Scan# 1882
 Delta R.T. -0.02 min
 Lab File: VX014545.D
 Acq: 10 Jan 2020 18:18

Tgt Ion: 91 Resp: 14220
 Ion Ratio Lower Upper
 91 100
 92 11.8 27.4 82.2#
 134 144.2 13.9 41.7#





#90

Hexachloroethane

Concen: 10.952 ug/l

RT: 12.70 min Scan# 1937

Delta R.T. 0.10 min

Lab File: VX014545.D

Acq: 10 Jan 2020 18:18

Instrument :

MSVOA_X

ClientSampleId :

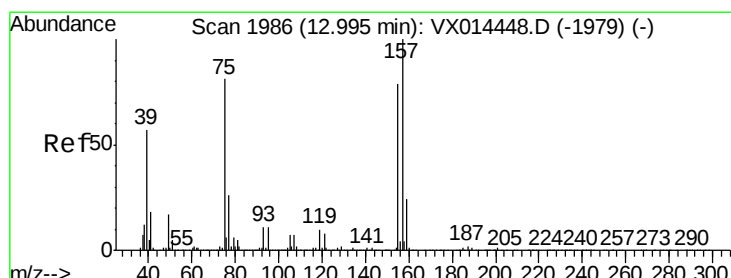
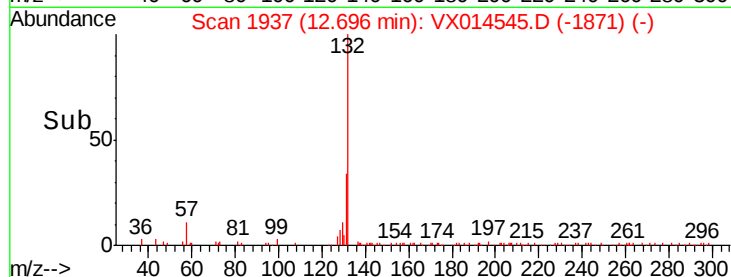
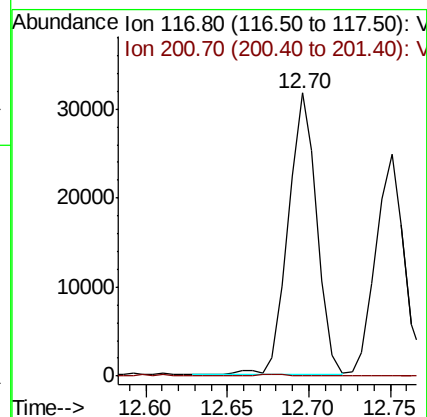
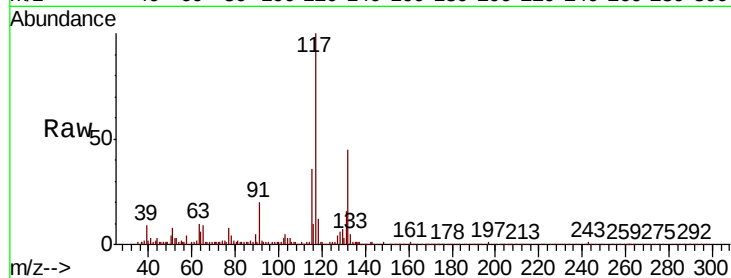
MW-1R

Tot Ion:117 Resp: 38438

Ion Ratio Lower Upper

117 100

201 0.1 44.8 134.3#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.277 ug/l

RT: 13.01 min Scan# 1989

Delta R.T. 0.02 min

Lab File: VX014545.D

Acq: 10 Jan 2020 18:18

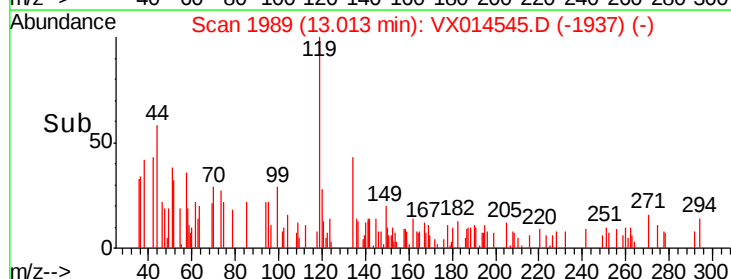
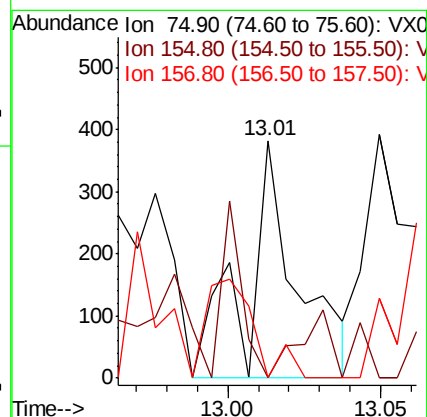
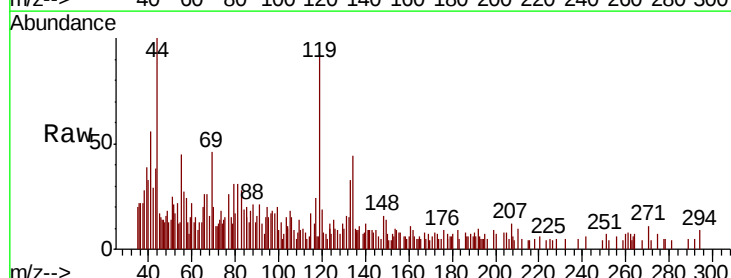
Tgt Ion: 75 Resp: 441

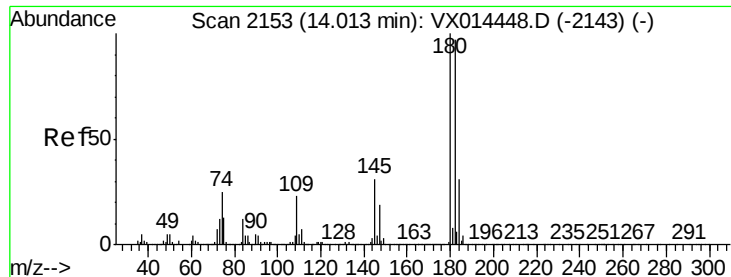
Ion Ratio Lower Upper

75 100

155 28.8 48.7 146.1#

157 39.7 62.0 185.9#





#96
 1,2,3-Trichlorobenzene
 Concen: Below Cal
 RT: 14.02 min Scan# 2155
 Delta R.T. 0.01 min
 Lab File: VX014545.D
 Acq: 10 Jan 2020 18:18

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1R

Tot Ion:180 Resp: 103
 Ion Ratio Lower Upper
 180 100
 182 474.8 47.9 143.6#
 145 5205.8 14.8 44.3#

