

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070219\
 Data File : VX010629.D
 Acq On : 02 Jul 2019 19:54
 Operator : JC/SP
 Sample : K3638-02MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MWHR2-6-070119MS

Quant Time: Jul 03 01:59:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	212032	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	325193	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	296826	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	153297	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	110447	55.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.12%	
35) Dibromofluoromethane	5.50	113	107046	53.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.60%	
50) Toluene-d8	8.71	98	389402	51.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.32%	
62) 4-Bromofluorobenzene	11.13	95	141698	51.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	61698	41.855	ug/l	100
3) Chloromethane	1.32	50	66039	38.473	ug/l	99
4) Vinyl Chloride	1.41	62	77755	41.357	ug/l	96
5) Bromomethane	1.64	94	26188	28.591	ug/l	97
6) Chloroethane	1.72	64	53073	47.847	ug/l	94
7) Trichlorofluoromethane	1.93	101	142836	47.925	ug/l	99
8) Diethyl Ether	2.19	74	52945	49.536	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	81584	45.171	ug/l	99
10) Methyl Iodide	2.51	142	56218	21.810	ug/l	97
11) Tert butyl alcohol	3.05	59	108719	208.996	ug/l	99
12) 1,1-Dichloroethene	2.37	96	83389	45.373	ug/l	96
13) Acrolein	2.29	56	100263	290.545	ug/l	98
14) Allyl chloride	2.73	41	121021	46.382	ug/l	98
15) Acrylonitrile	3.14	53	262944	255.302	ug/l	100
16) Acetone	2.45	43	210781	211.557	ug/l	99
17) Carbon Disulfide	2.57	76	188261	38.182	ug/l	98
18) Methyl Acetate	2.78	43	94684	47.682	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	287305	49.692	ug/l	98
20) Methylene Chloride	2.85	84	97523	47.563	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	89646	45.353	ug/l	98
22) Diisopropyl ether	3.85	45	273041	50.051	ug/l	97
23) Vinyl Acetate	3.82	43	1070890	227.232	ug/l	99
24) 1,1-Dichloroethane	3.70	63	154689	49.056	ug/l	99
25) 2-Butanone	4.67	43	350962	240.140	ug/l	98
26) 2,2-Dichloropropane	4.59	77	102334	37.358	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	107389	47.015	ug/l	99
28) Bromochloromethane	5.01	49	78700	52.200	ug/l	97
29) Tetrahydrofuran	5.13	42	227918	251.771	ug/l	99
30) Chloroform	5.21	83	164642	48.526	ug/l	94
31) Cyclohexane	5.58	56	129552	45.115	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	144459	48.220	ug/l	99
36) 1,1-Dichloropropene	5.80	75	114323	44.240	ug/l	100
37) Ethyl Acetate	4.83	43	120055	45.159	ug/l	98
38) Carbon Tetrachloride	5.79	117	124167	44.372	ug/l	95

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 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	140639	41.403	ug/l	99
40) Benzene	6.14	78	373238	46.360	ug/l	100
41) Methacrylonitrile	5.04	41	73133	50.137	ug/l	98
42) 1,2-Dichloroethane	6.20	62	124983	50.999	ug/l	97
43) Isopropyl Acetate	6.45	43	202449	46.028	ug/l	98
44) Trichloroethene	7.21	130	107390	44.578	ug/l	98
45) 1,2-Dichloropropane	7.51	63	95912	47.176	ug/l	100
46) Dibromomethane	7.66	93	69977	47.973	ug/l	96
47) Bromodichloromethane	7.90	83	127147	47.563	ug/l	98
48) Methyl methacrylate	7.77	41	102566	50.168	ug/l	99
49) 1,4-Dioxane	7.74	88	48088	816.502	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	706444	251.131	ug/l	99
52) Toluene	8.79	92	241038	45.463	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	132359	44.163	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	144898	44.489	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	105213	48.118	ug/l	99
56) Ethyl methacrylate	9.18	69	159379	48.116	ug/l	96
57) 1,3-Dichloropropane	9.37	76	162978	48.016	ug/l	100
59) 2-Hexanone	9.49	43	537721	242.876	ug/l	98
60) Dibromochloromethane	9.58	129	113560	46.384	ug/l	100
61) 1,2-Dibromoethane	9.67	107	112814	47.799	ug/l	99
64) Tetrachloroethene	9.33	164	91003	37.905	ug/l	98
65) Chlorobenzene	10.13	112	278717	46.251	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	103739	47.261	ug/l	99
67) Ethyl Benzene	10.25	91	471849	46.380	ug/l	99
68) m/p-Xylenes	10.36	106	361370	91.673	ug/l	99
69) o-Xylene	10.70	106	180805	46.641	ug/l	99
70) Styrene	10.71	104	307381	47.281	ug/l	99
71) Bromoform	10.85	173	85549	44.817	ug/l	97
73) Isopropylbenzene	11.02	105	479416	46.135	ug/l	98
74) N-amyl acetate	10.90	43	175076	44.580	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	167417	48.647	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	176554	63.202	ug/l	80
77) Bromobenzene	11.26	156	131270	45.240	ug/l	98
78) n-propylbenzene	11.36	91	528607	46.284	ug/l	99
79) 2-Chlorotoluene	11.42	91	312630	45.969	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	393972	45.989	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	45809	38.256	ug/l	91
82) 4-Chlorotoluene	11.51	91	360594	46.597	ug/l	99
83) tert-Butylbenzene	11.77	119	415411	48.314	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	400500	46.533	ug/l	99
85) sec-Butylbenzene	11.94	105	463790	45.940	ug/l	100
86) p-Isopropyltoluene	12.06	119	431775	46.238	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	227687	44.953	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	229320	44.473	ug/l	99
89) n-Butylbenzene	12.38	91	363807	45.848	ug/l	99
90) Hexachloroethane	12.60	117	70641	43.750	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	227917	45.276	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	33934	45.734	ug/l	91
93) 1,2,4-Trichlorobenzene	13.65	180	155785	44.625	ug/l	99

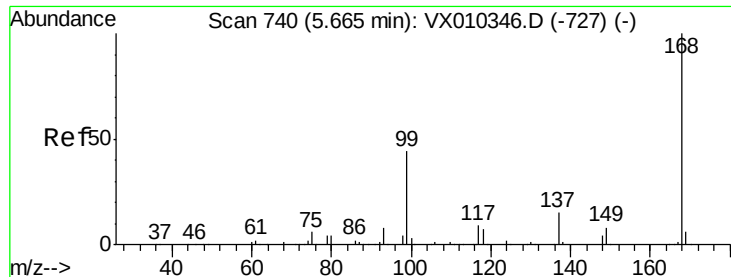
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Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	73317	42.972	ug/l	99
95) Naphthalene	13.83	128	496602	46.290	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	156861	45.193	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX010629.D

Acq: 02 Jul 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

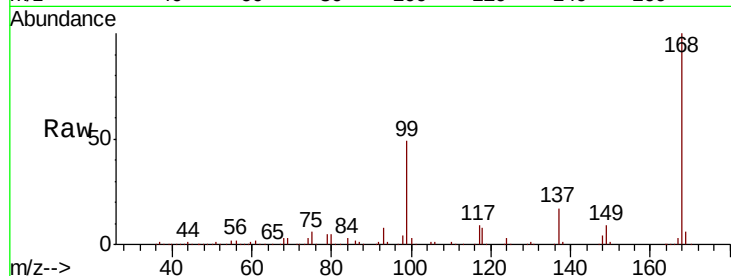
MWHR2-6-070119MS

Tot Ion:168 Resp: 212032

Ion Ratio Lower Upper

168 100

99 49.1 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

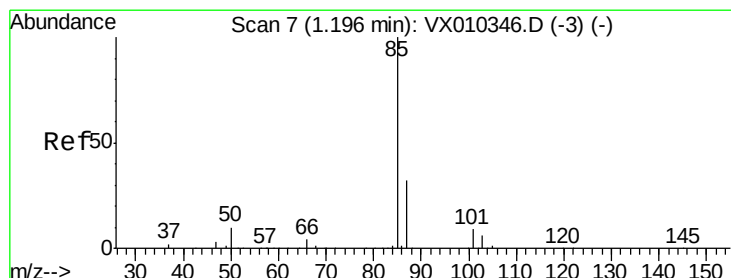
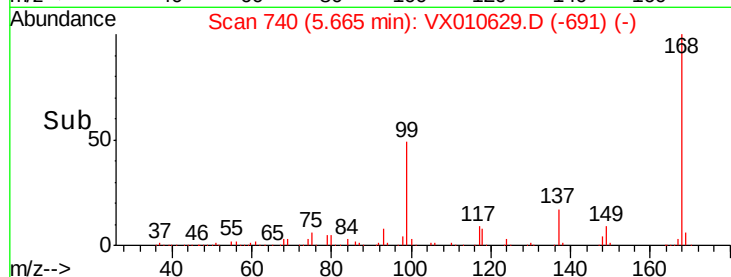
40000

20000

0

Time-->

5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 41.855 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010629.D

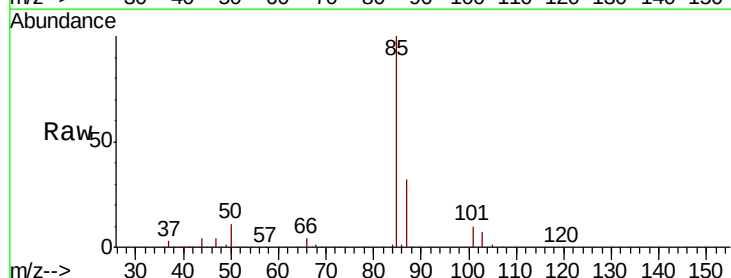
Acq: 02 Jul 2019 19:54

Tgt Ion: 85 Resp: 61698

Ion Ratio Lower Upper

85 100

87 32.5 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

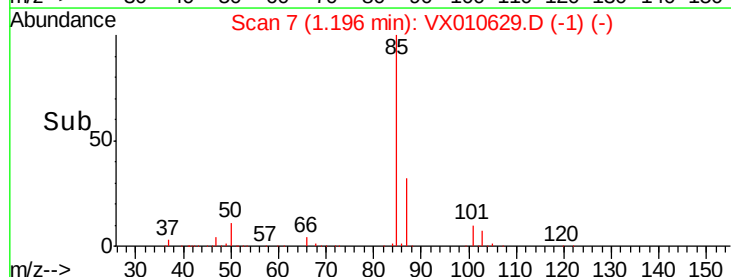
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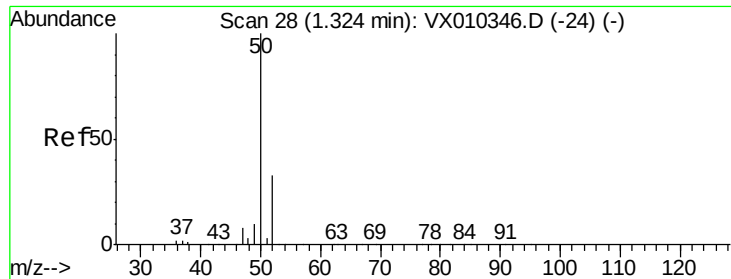
20000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 38.473 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX010629.D

Acq: 02 Jul 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

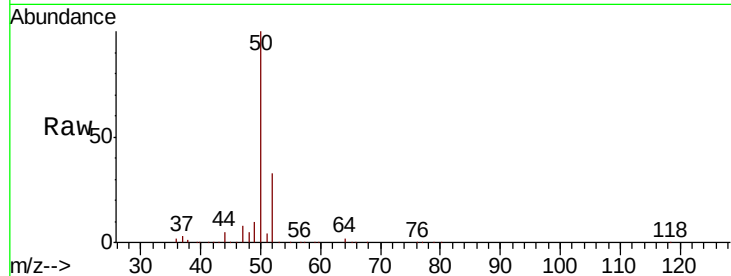
MWHR2-6-070119MS

Tot Ion: 50 Resp: 66039

Ion Ratio Lower Upper

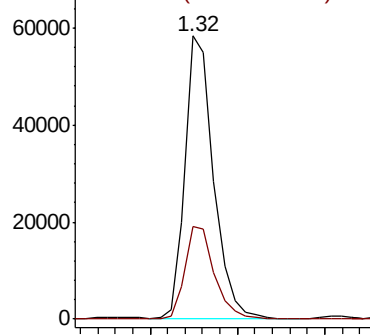
50 100

52 32.6 26.5 39.7

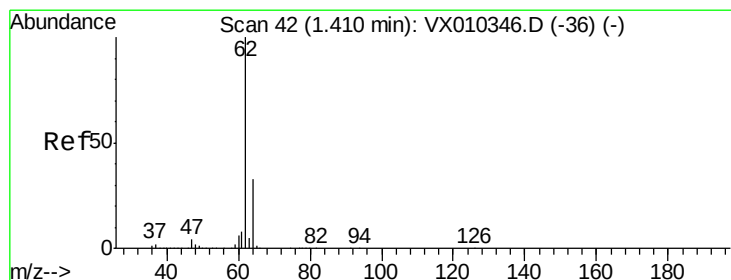
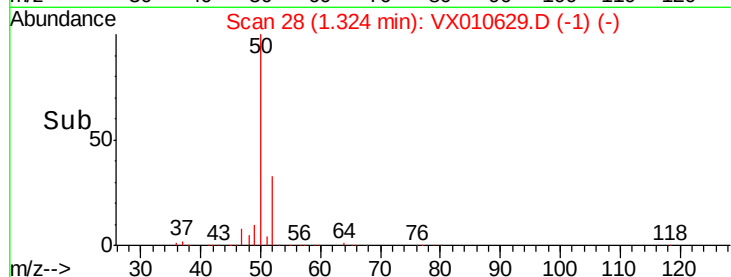


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->



#4

Vinyl Chloride

Concen: 41.357 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010629.D

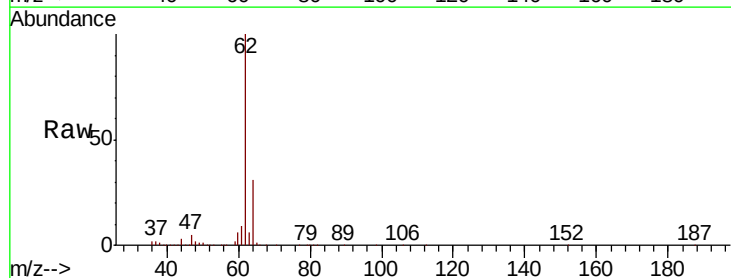
Acq: 02 Jul 2019 19:54

Tgt Ion: 62 Resp: 77755

Ion Ratio Lower Upper

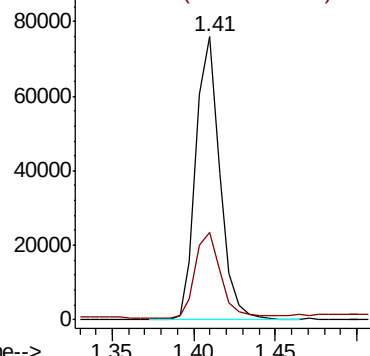
62 100

64 30.5 26.2 39.4

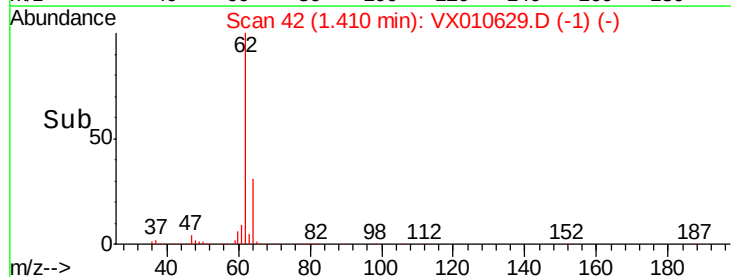


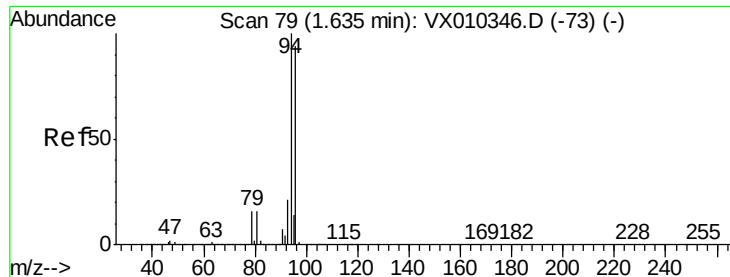
Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time-->





#5

Bromomethane

Concen: 28.591 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX010629.D

Acq: 02 Jul 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

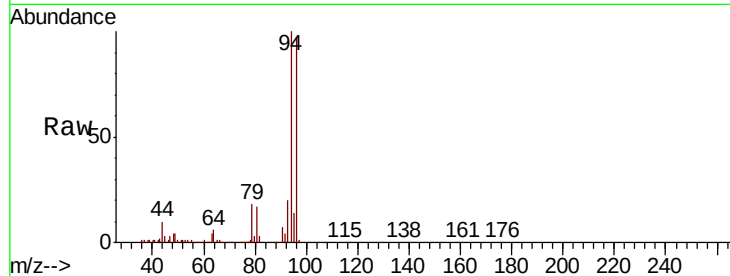
MWHR2-6-070119MS

Tot Ion: 94 Resp: 26188

Ion Ratio Lower Upper

94 100

96 97.3 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

30000

25000

20000

15000

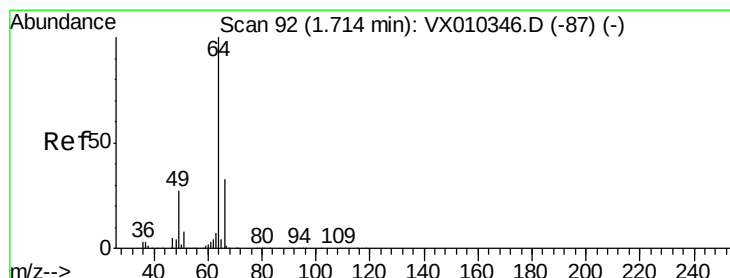
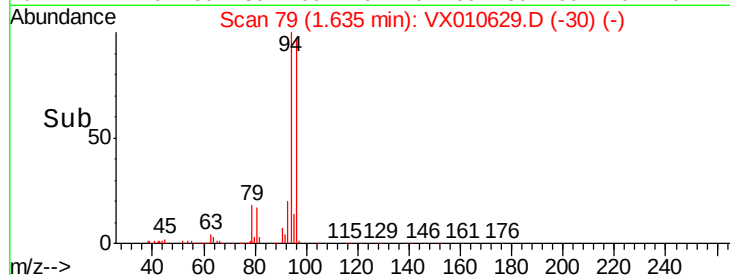
10000

5000

0

Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 47.847 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010629.D

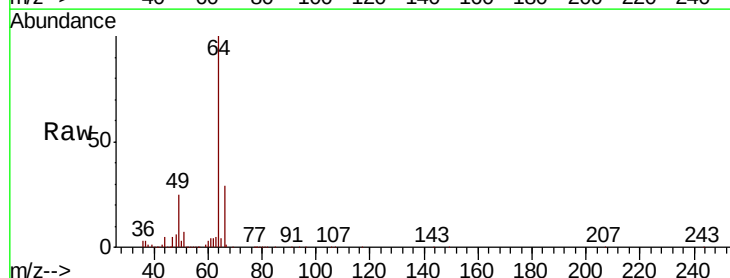
Acq: 02 Jul 2019 19:54

Tgt Ion: 64 Resp: 53073

Ion Ratio Lower Upper

64 100

66 29.9 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

40000

30000

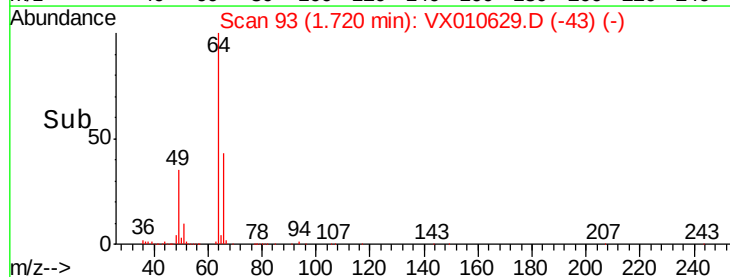
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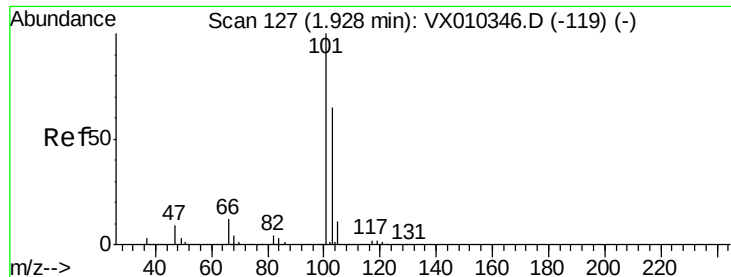
10000

0

Time-->

1.65 1.70 1.75 1.80 1.85



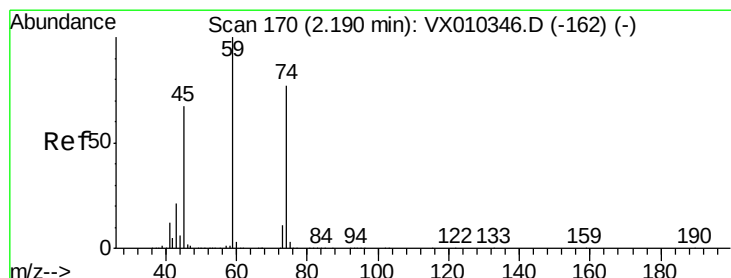
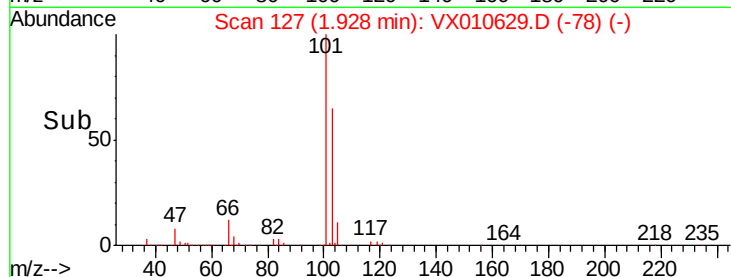
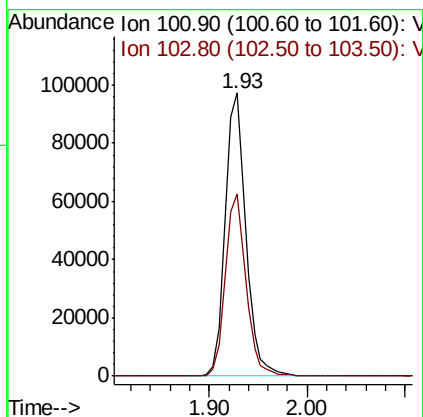
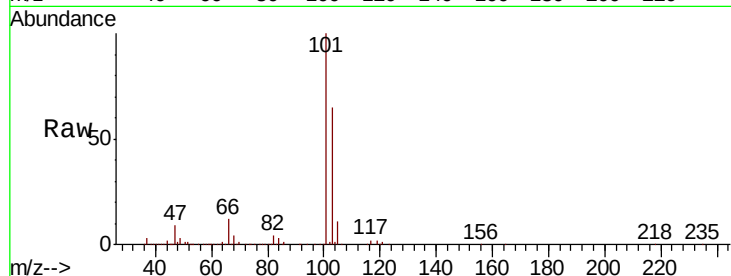


#7

Trichlorofluoromethane
Concen: 47.925 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX010629.D
Acq: 02 Jul 2019 19:54

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MSVOA_X
ClientSampleId :
MWHR2-6-070119MS

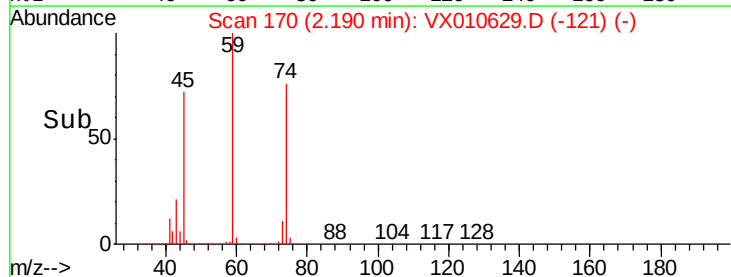
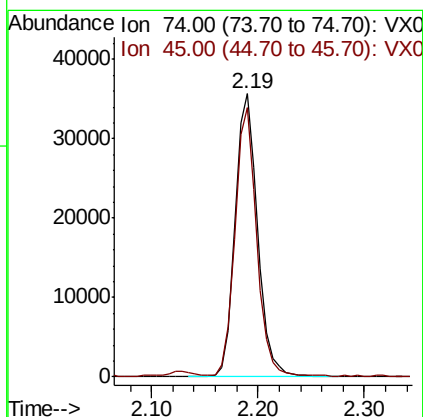
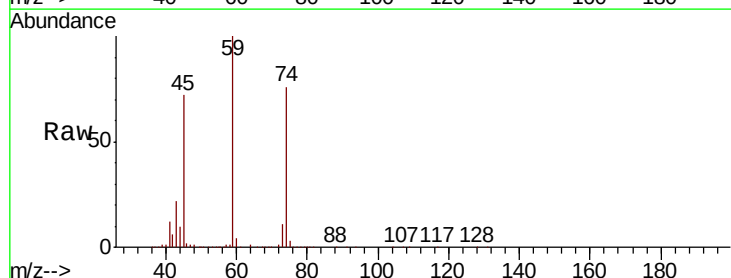
Tot Ion:101 Resp: 142836
Ion Ratio Lower Upper
101 100
103 64.5 52.3 78.5

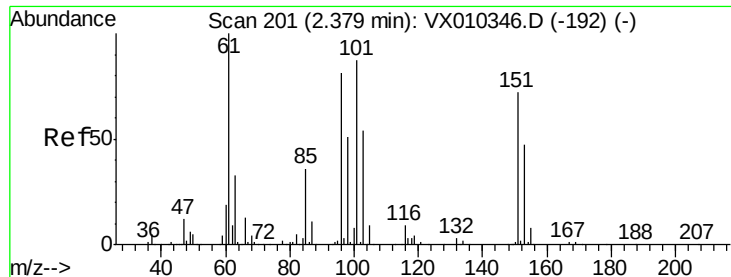


#8

Diethyl Ether
Concen: 49.536 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX010629.D
Acq: 02 Jul 2019 19:54

Tgt Ion: 74 Resp: 52945
Ion Ratio Lower Upper
74 100
45 91.1 44.8 134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.171 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX010629.D

Acq: 02 Jul 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

MWHR2-6-070119MS

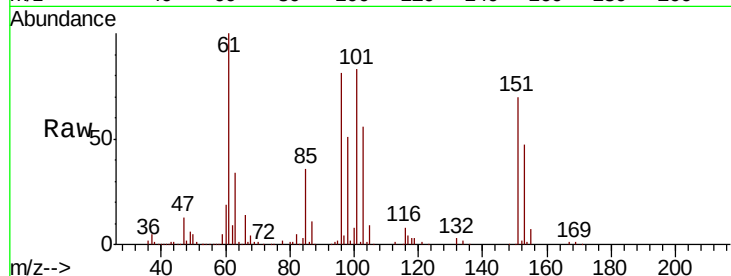
Tot Ion:101 Resp: 81584

Ion Ratio Lower Upper

101 100

85 43.0 33.7 50.5

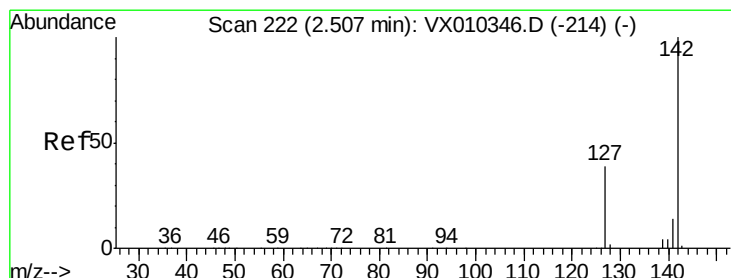
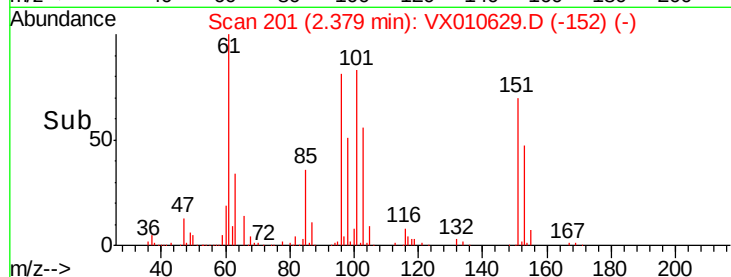
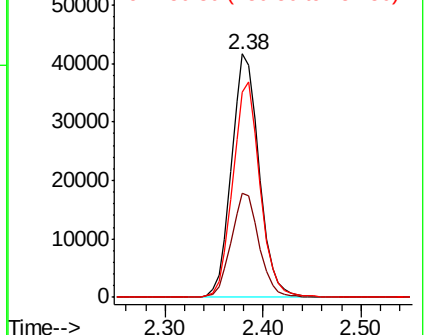
151 87.3 70.1 105.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.810 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX010629.D

Acq: 02 Jul 2019 19:54

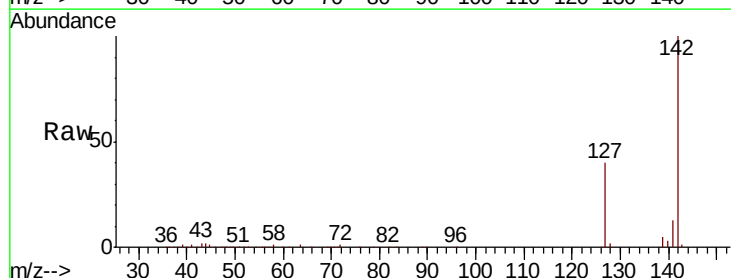
Tgt Ion:142 Resp: 56218

Ion Ratio Lower Upper

142 100

127 41.0 31.1 46.7

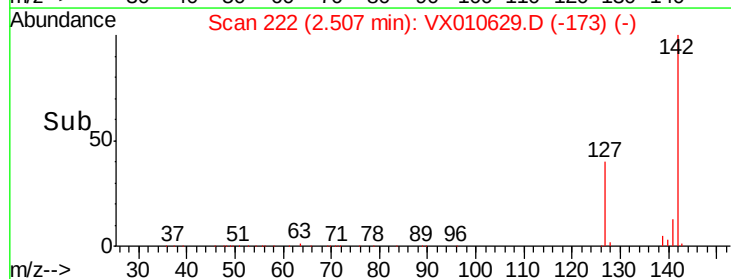
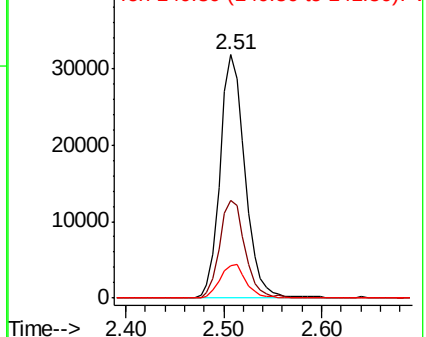
141 14.6 11.2 16.8

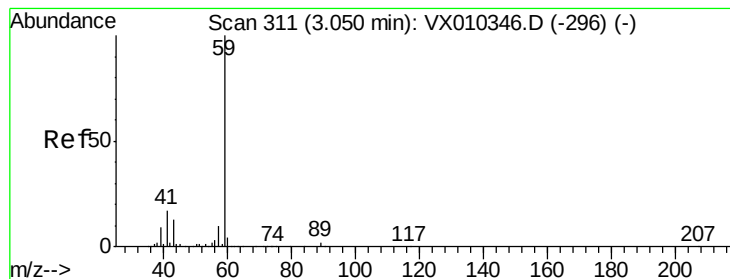


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



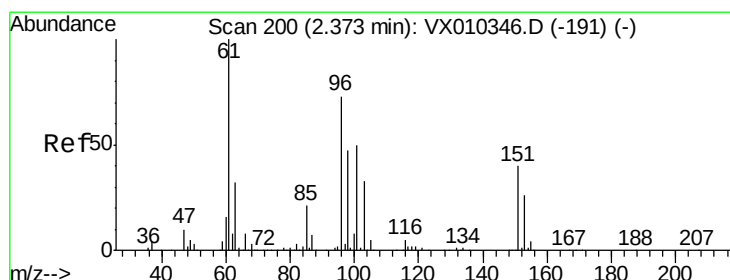
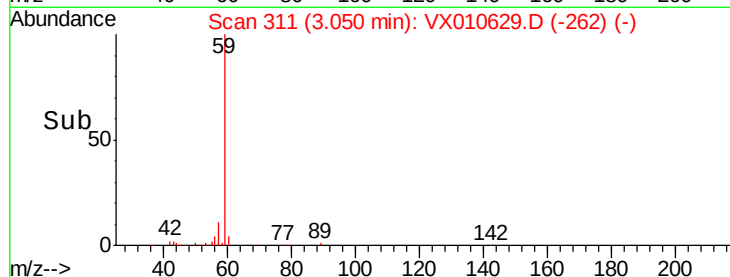
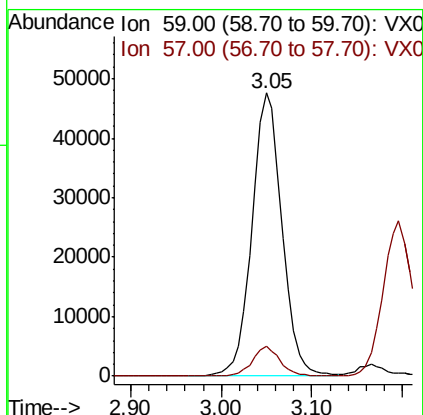
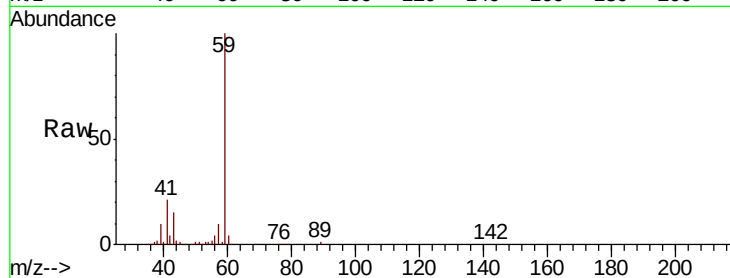


#11

Tert butyl alcohol
Concen: 208.996 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.00 min
Lab File: VX010629.D
Acq: 02 Jul 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :
MWHR2-6-070119MS

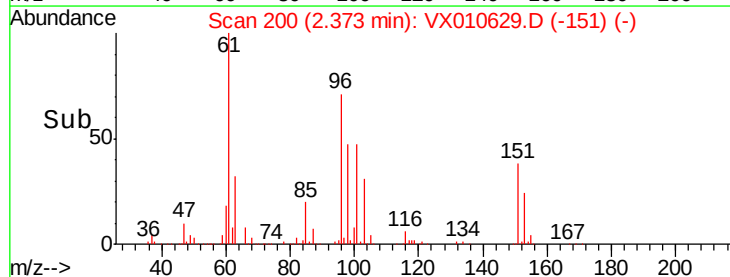
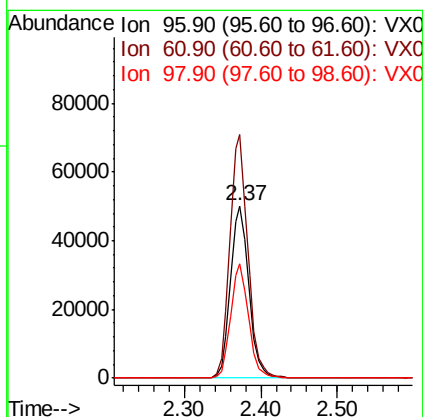
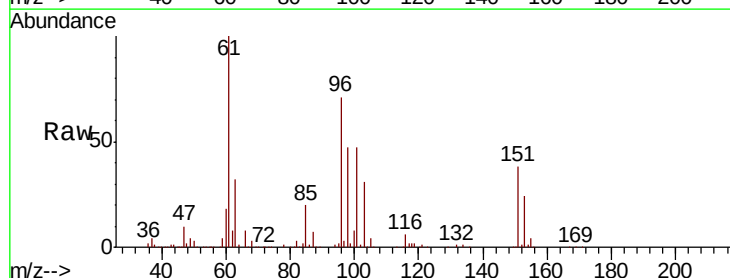
Tot Ion: 59 Resp: 108719
Ion Ratio Lower Upper
59 100
57 10.0 7.7 11.5

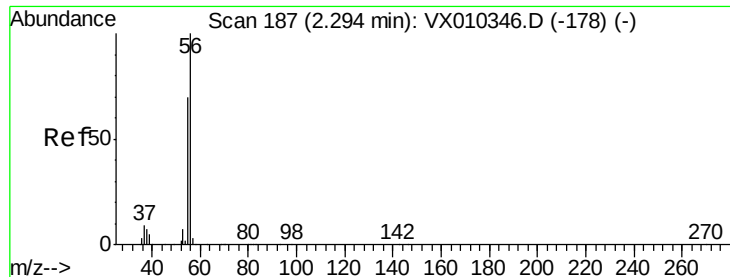


#12

1,1-Dichloroethene
Concen: 45.373 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX010629.D
Acq: 02 Jul 2019 19:54

Tgt Ion: 96 Resp: 83389
Ion Ratio Lower Upper
96 100
61 141.4 109.2 163.8
98 66.5 51.1 76.7





#13

Acrolein

Concen: 290.545 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010629.D

Acq: 02 Jul 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

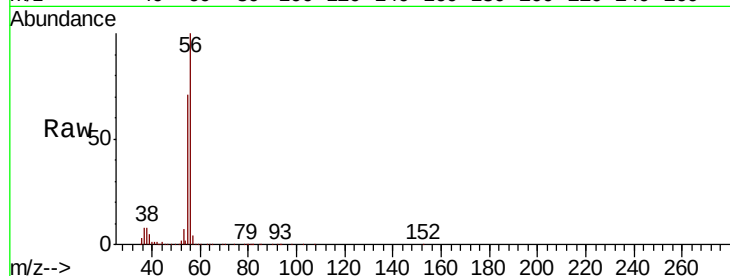
MWHR2-6-070119MS

Tot Ion: 56 Resp: 100263

Ion Ratio Lower Upper

56 100

55 69.7 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

60000

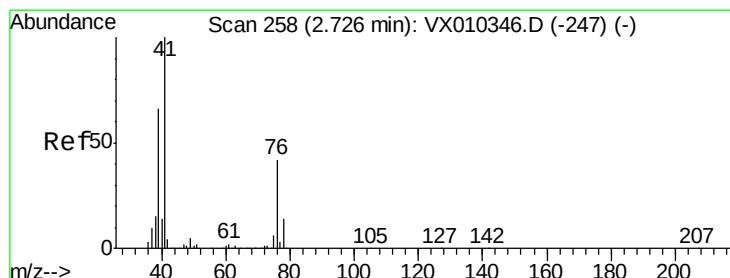
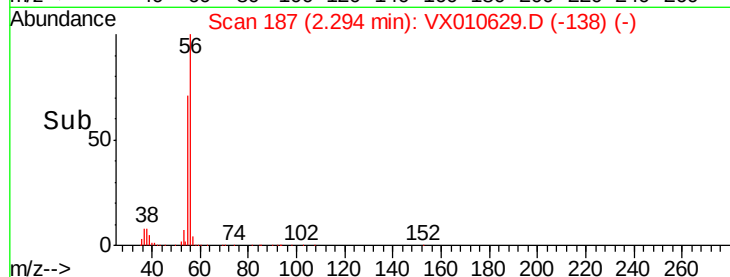
40000

20000

0

Time-->

2.20 2.30 2.40



#14

Allyl chloride

Concen: 46.382 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX010629.D

Acq: 02 Jul 2019 19:54

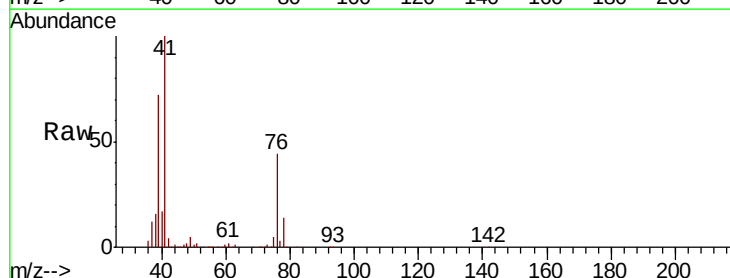
Tgt Ion: 41 Resp: 121021

Ion Ratio Lower Upper

41 100

39 65.5 50.3 75.5

76 38.6 31.3 46.9



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

80000

60000

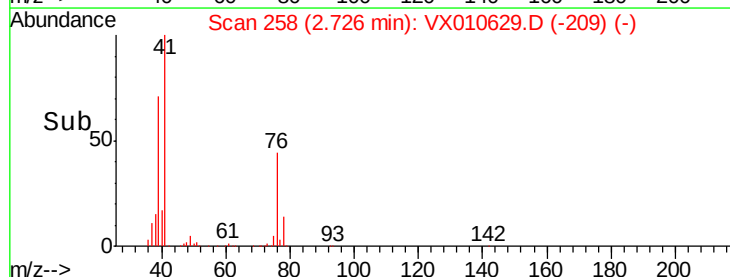
40000

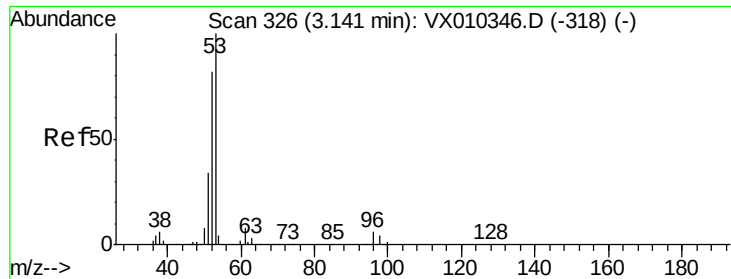
20000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 255.302 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX010629.D

Acq: 02 Jul 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

MWHR2-6-070119MS

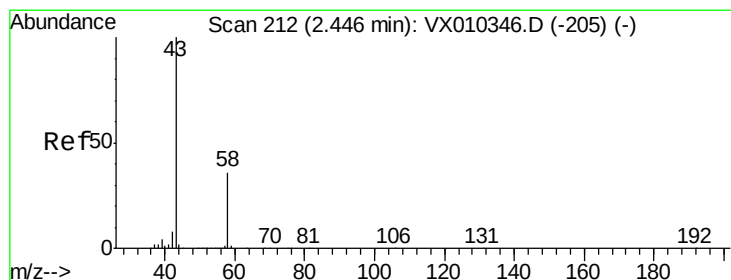
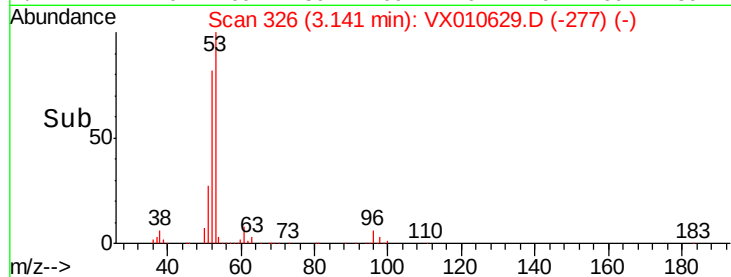
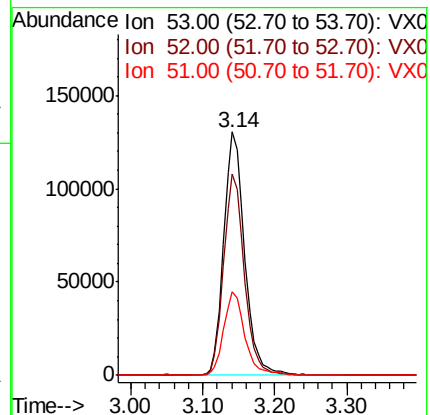
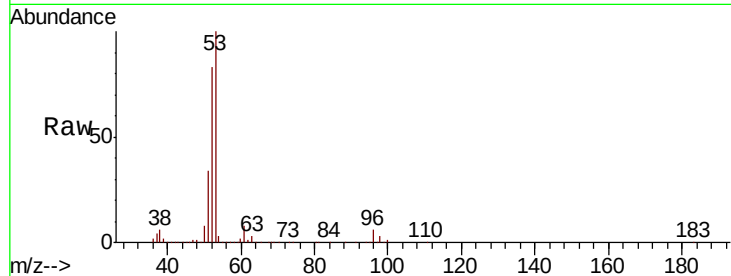
Tot Ion: 53 Resp: 262944

Ion Ratio Lower Upper

53 100

52 82.0 65.5 98.3

51 34.8 28.2 42.4



#16

Acetone

Concen: 211.557 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX010629.D

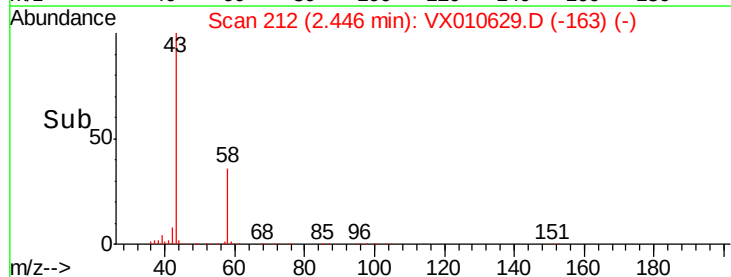
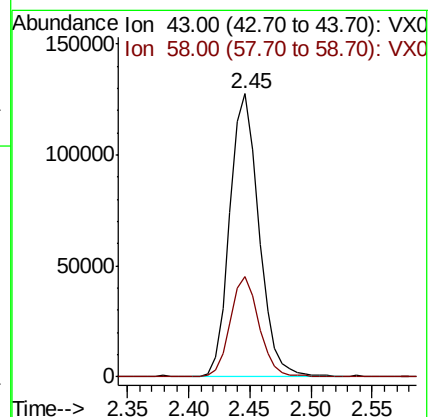
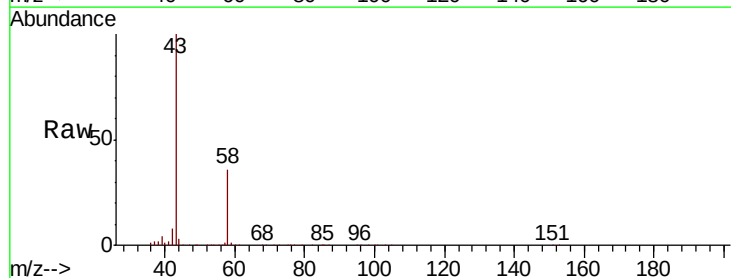
Acq: 02 Jul 2019 19:54

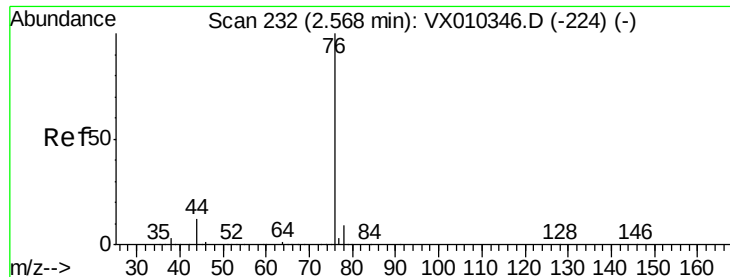
Tgt Ion: 43 Resp: 210781

Ion Ratio Lower Upper

43 100

58 35.5 28.9 43.3





#17

Carbon Disulfide

Concen: 38.182 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX010629.D

Acq: 02 Jul 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

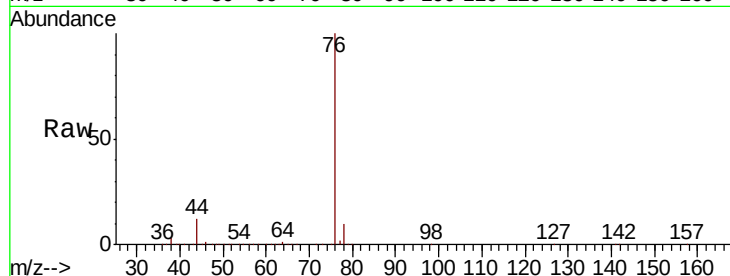
MWHR2-6-070119MS

Tot Ion: 76 Resp: 188261

Ion Ratio Lower Upper

76 100

78 10.0 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

120000

100000

80000

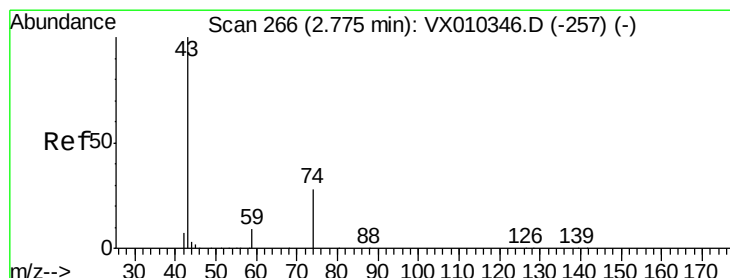
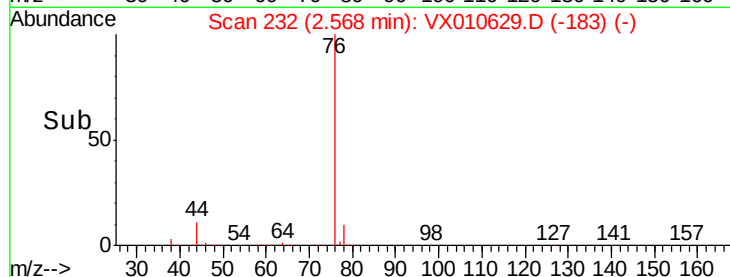
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 47.682 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX010629.D

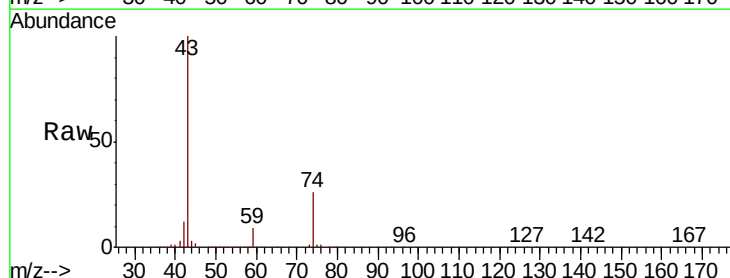
Acq: 02 Jul 2019 19:54

Tgt Ion: 43 Resp: 94684

Ion Ratio Lower Upper

43 100

74 27.3 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

60000

50000

40000

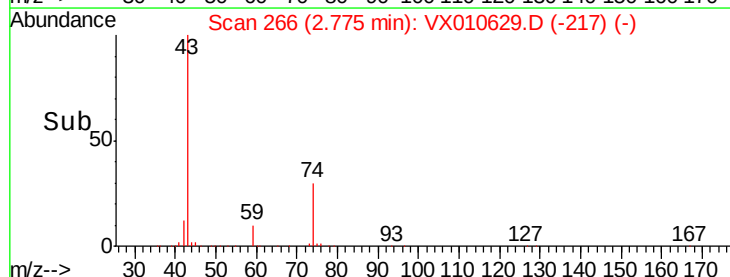
30000

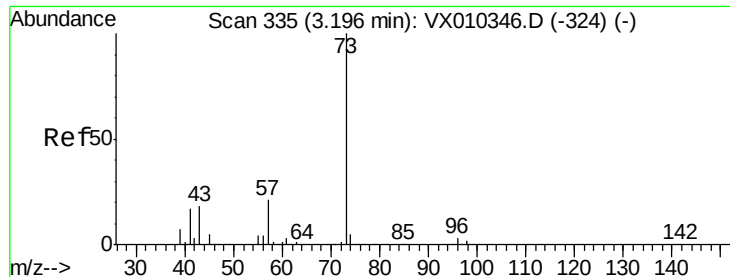
20000

10000

0

Time-->



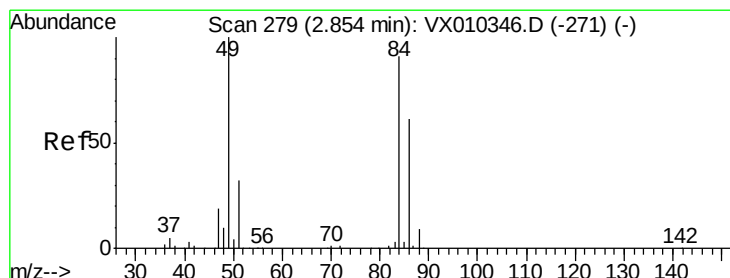
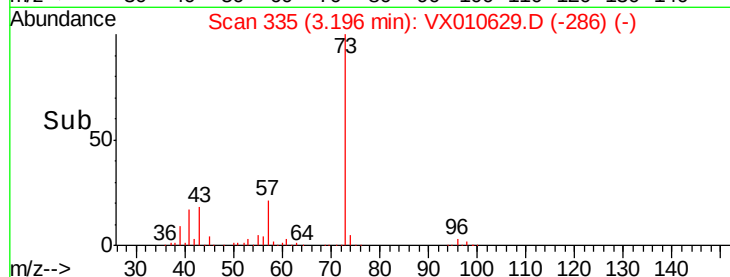
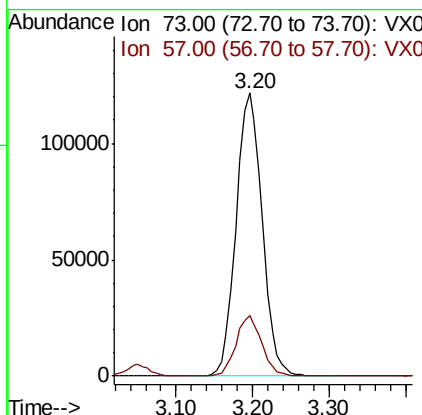
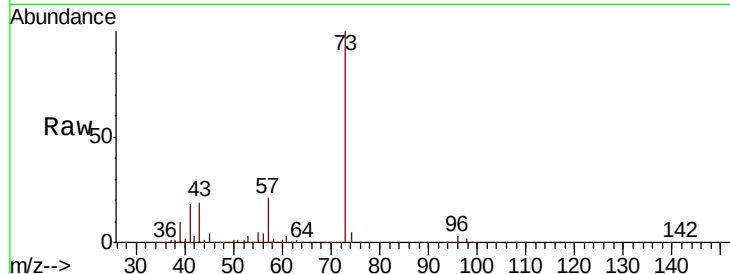


#19

Methyl tert-butyl Ether
 Concen: 49.692 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.00 min
 Lab File: VX010629.D
 Acq: 02 Jul 2019 19:54

Instrument :
 MSVOA_X
 ClientSampleId :
 MWHR2-6-070119MS

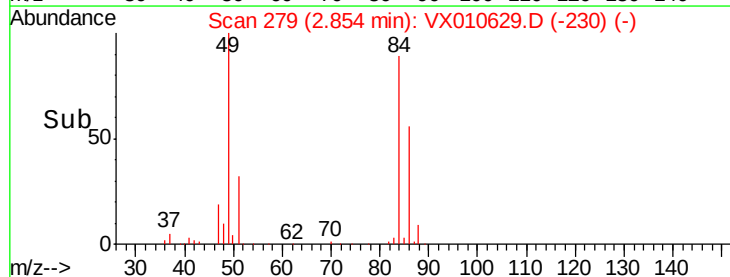
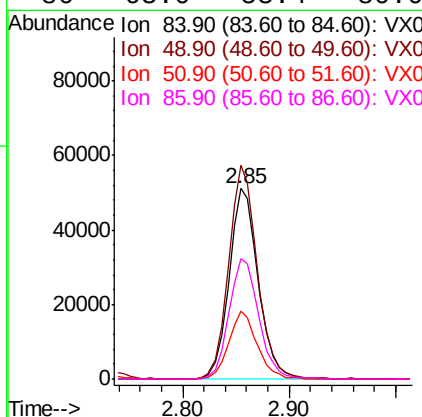
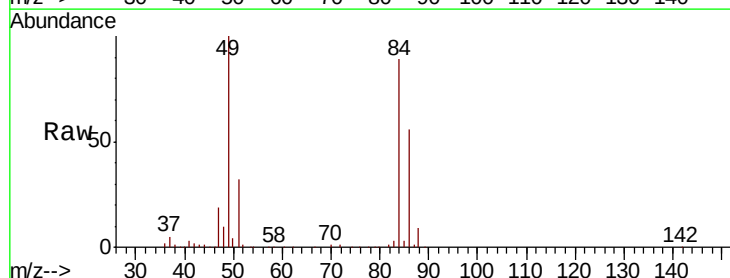
Tot Ion: 73 Resp: 287305
 Ion Ratio Lower Upper
 73 100
 57 21.4 16.4 24.6

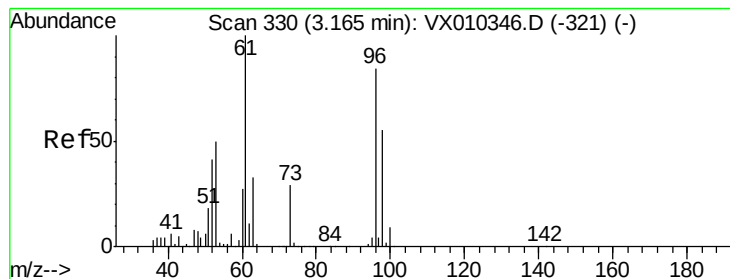


#20

Methylene Chloride
 Concen: 47.563 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX010629.D
 Acq: 02 Jul 2019 19:54

Tgt Ion: 84 Resp: 97523
 Ion Ratio Lower Upper
 84 100
 49 112.0 87.5 131.3
 51 35.5 27.7 41.5
 86 63.0 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 45.353 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010629.D

Acq: 02 Jul 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

MWHR2-6-070119MS

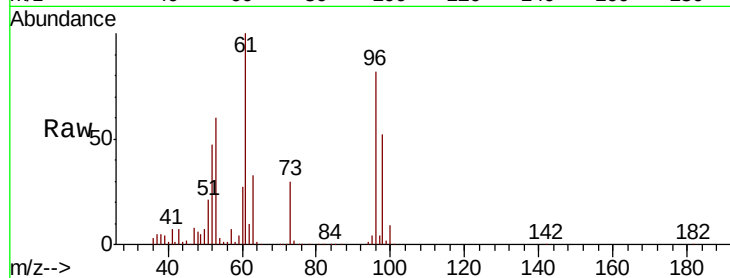
Tot Ion: 96 Resp: 89646

Ion Ratio Lower Upper

96 100

61 121.9 95.6 143.4

98 64.0 52.5 78.7

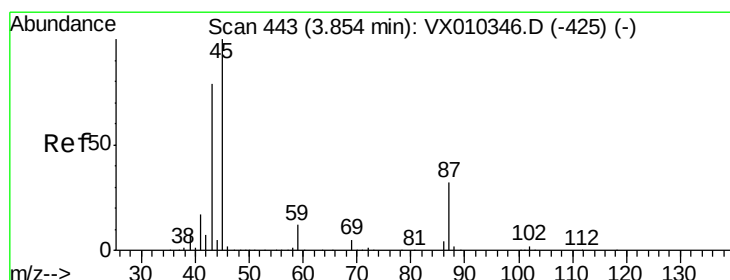
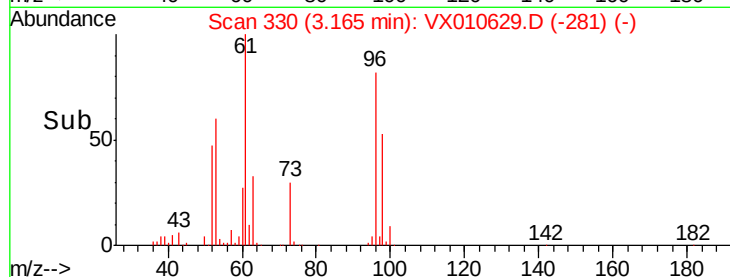
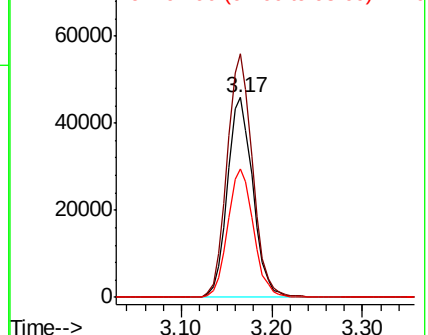


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 50.051 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX010629.D

Acq: 02 Jul 2019 19:54

Tgt Ion: 45 Resp: 273041

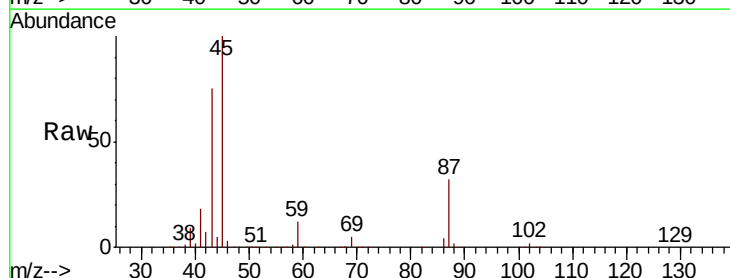
Ion Ratio Lower Upper

45 100

43 74.9 63.3 94.9

87 32.0 25.8 38.8

59 12.3 9.6 14.4



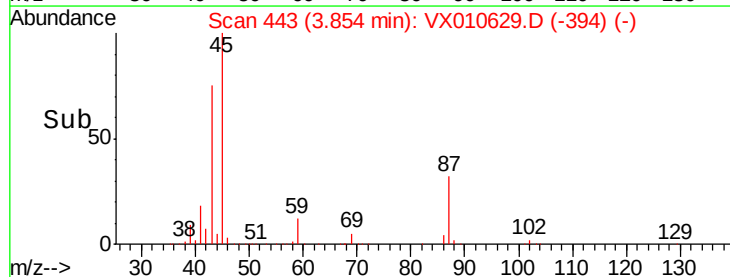
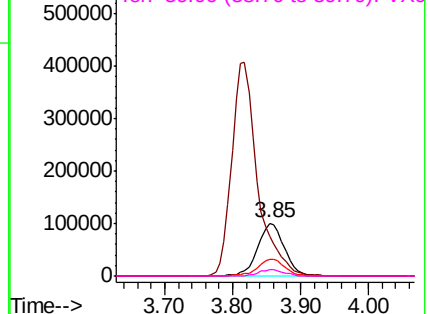
Abundance

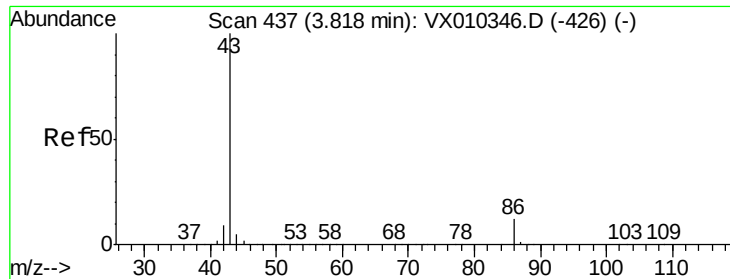
Ion 45.00 (44.70 to 45.70): VX0

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





#23

Vinyl Acetate

Concen: 227.232 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX010629.D

Acq: 02 Jul 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

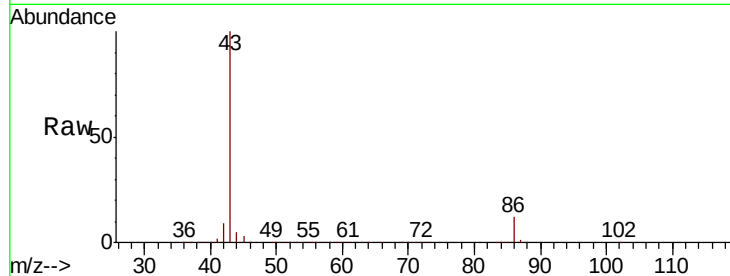
MWHR2-6-070119MS

Tot Ion: 43 Resp: 1070890

Ion Ratio Lower Upper

43 100

86 12.2 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

400000

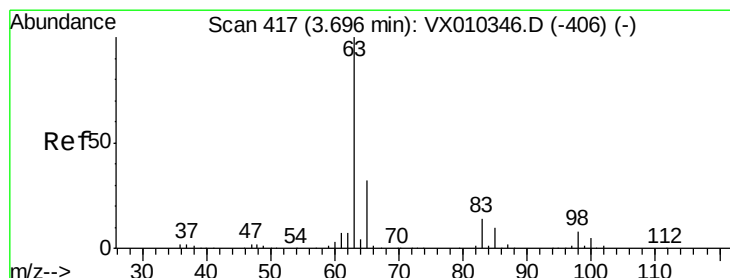
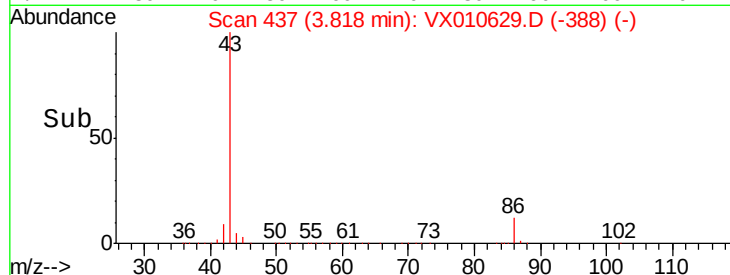
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 49.056 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010629.D

Acq: 02 Jul 2019 19:54

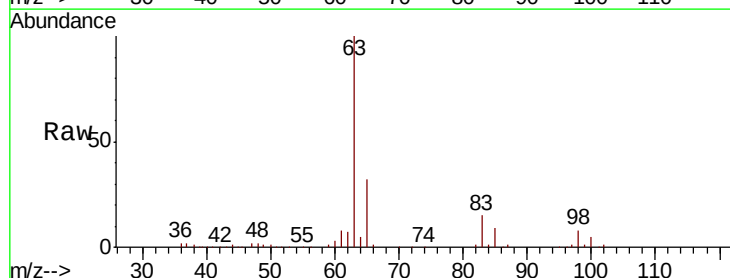
Tgt Ion: 63 Resp: 154689

Ion Ratio Lower Upper

63 100

98 7.9 3.9 11.7

100 5.2 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

80000

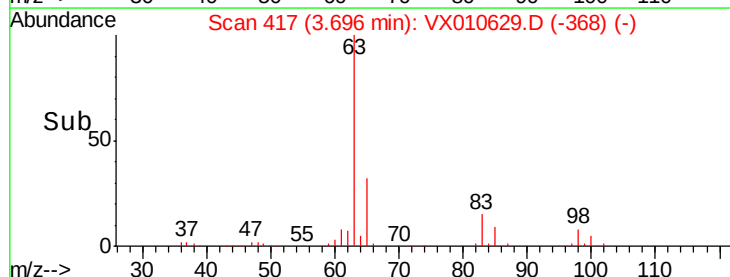
60000

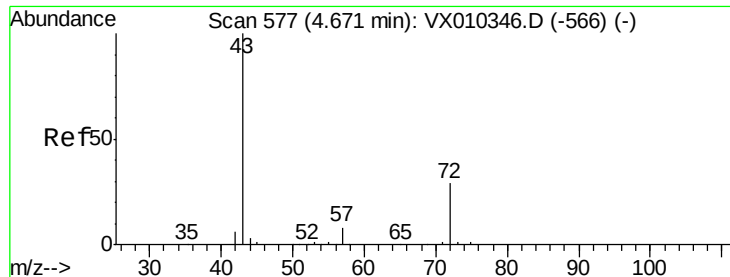
40000

20000

0

Time-->





#25

2-Butanone

Concen: 240.140 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX010629.D

Acq: 02 Jul 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

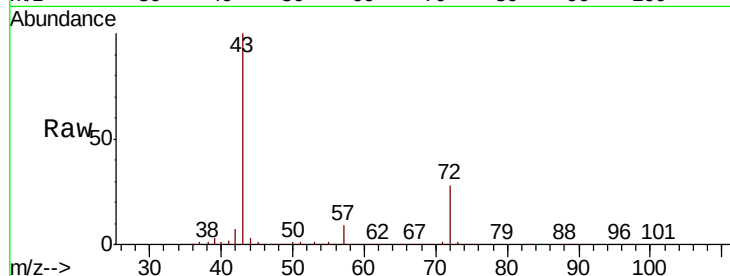
MWHR2-6-070119MS

Tot Ion: 43 Resp: 350962

Ion Ratio Lower Upper

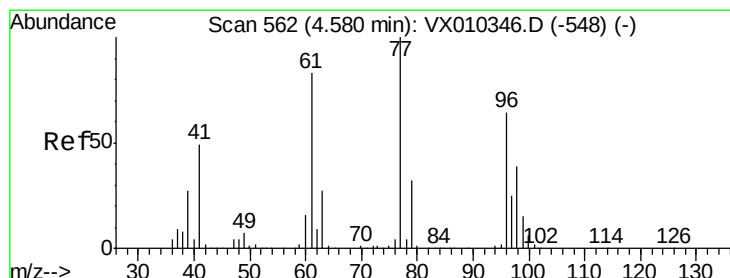
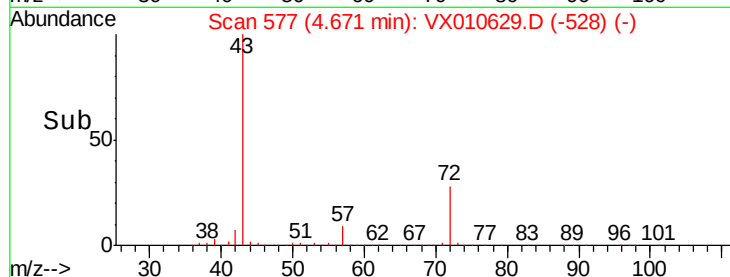
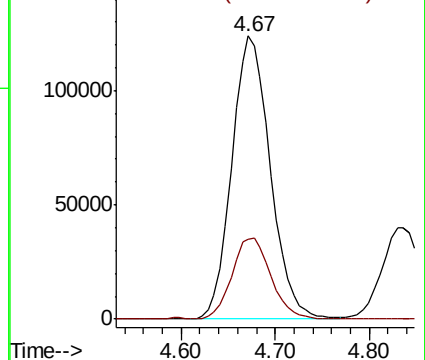
43 100

72 28.3 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 37.358 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010629.D

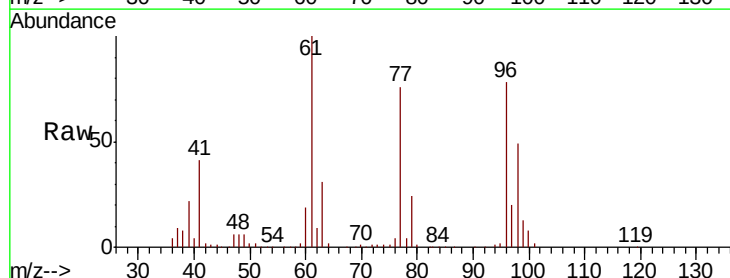
Acq: 02 Jul 2019 19:54

Tgt Ion: 77 Resp: 102334

Ion Ratio Lower Upper

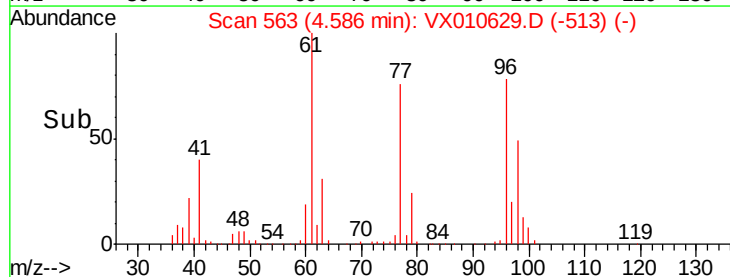
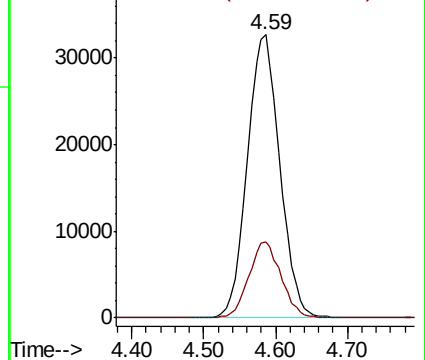
77 100

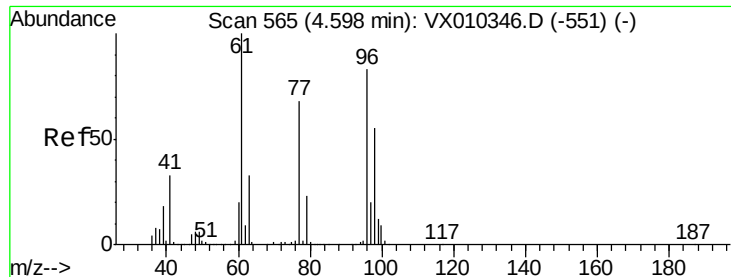
97 26.6 13.1 39.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



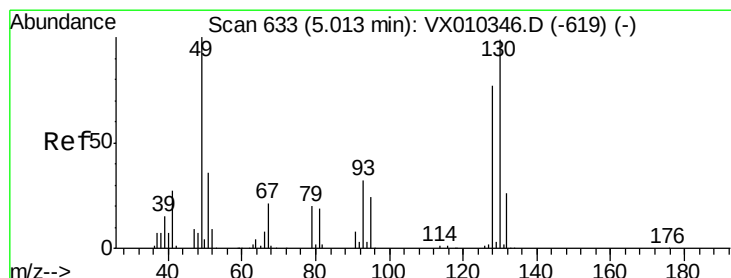
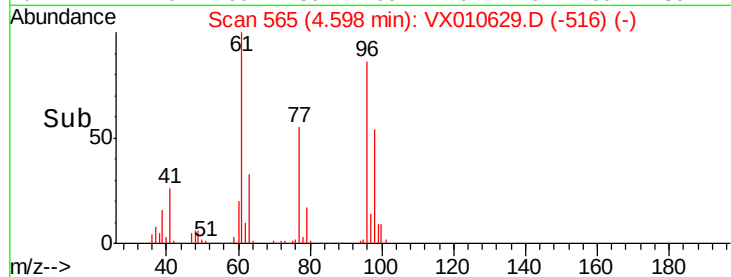
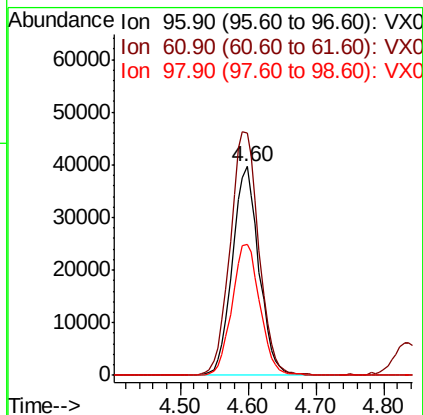
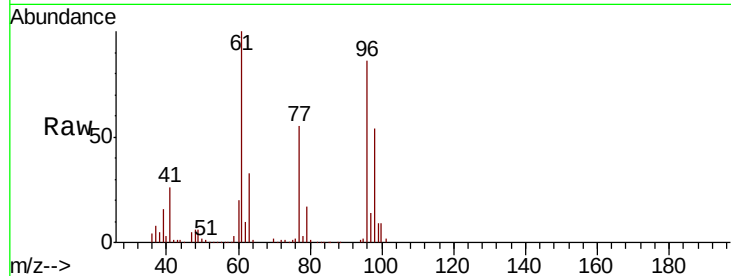


#27

cis-1,2-Dichloroethene
Concen: 47.015 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX010629.D
Acq: 02 Jul 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :
MWHHR2-6-070119MS

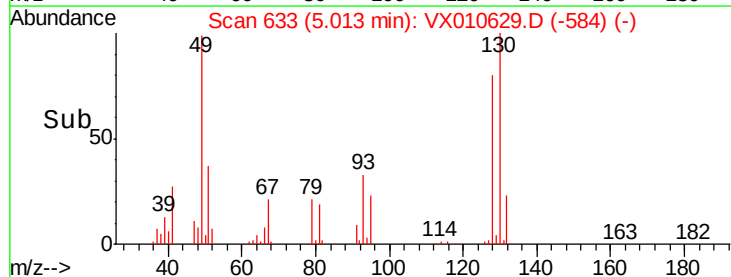
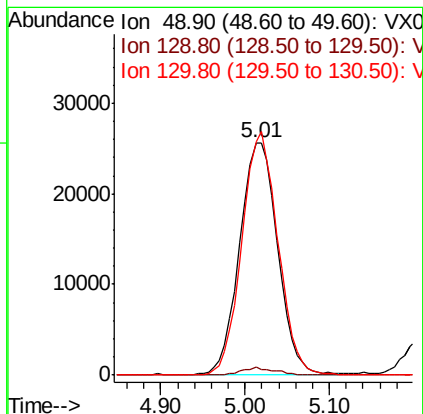
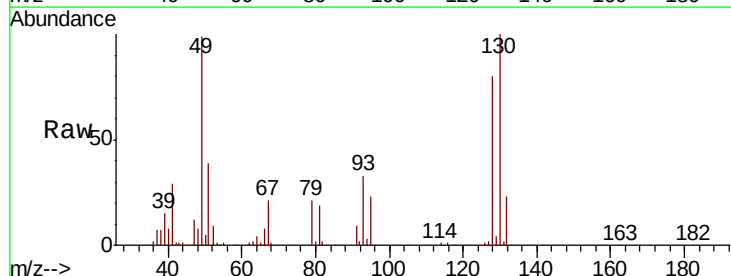
Tot Ion: 96 Resp: 107389
Ion Ratio Lower Upper
96 100
61 126.6 0.0 251.8
98 66.0 0.0 129.4

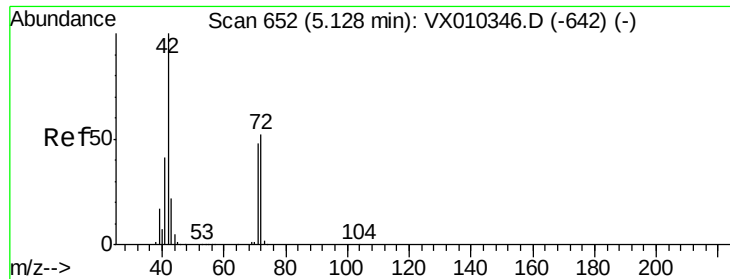


#28

Bromochloromethane
Concen: 52.200 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.00 min
Lab File: VX010629.D
Acq: 02 Jul 2019 19:54

Tgt Ion: 49 Resp: 78700
Ion Ratio Lower Upper
49 100
129 2.9 0.0 5.6
130 98.7 81.4 122.0

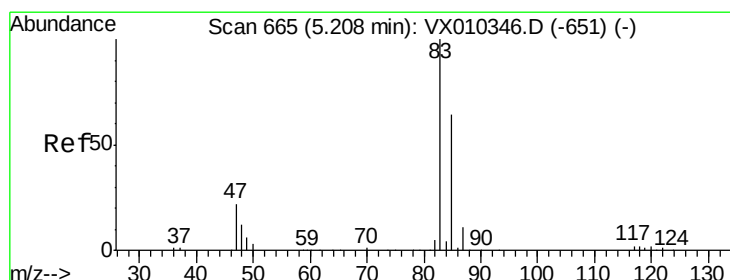
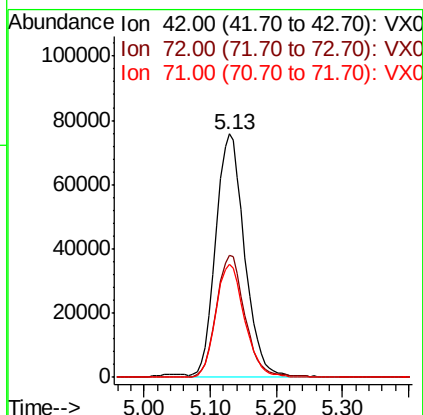
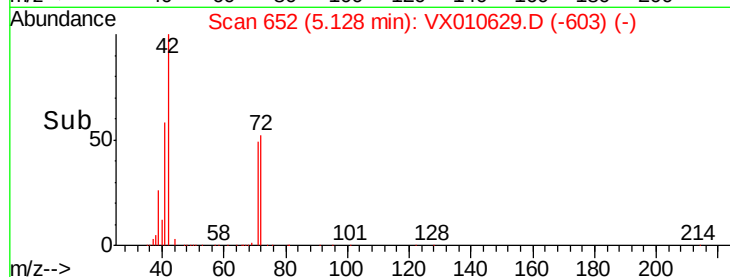
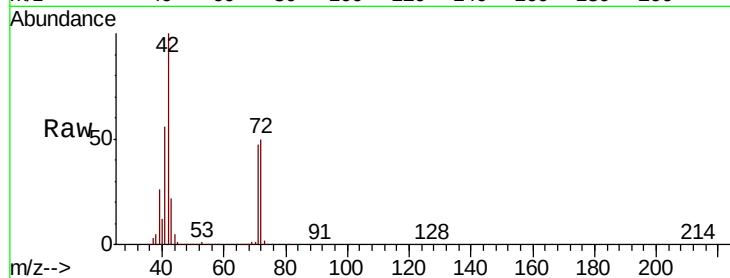




#29
Tetrahydrofuran
Concen: 251.771 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX010629.D
Acq: 02 Jul 2019 19:54

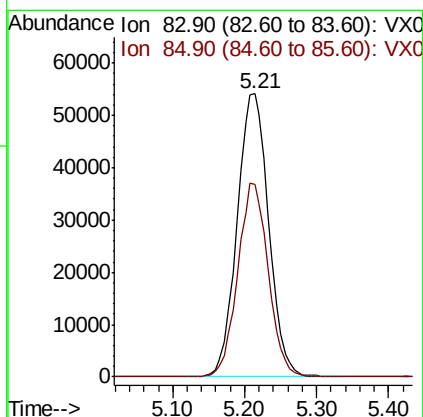
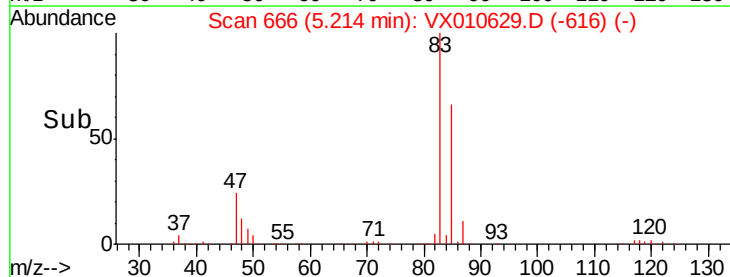
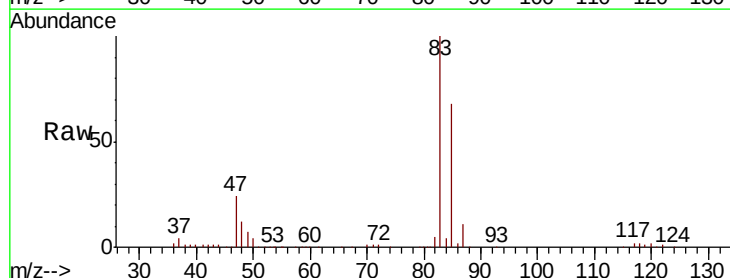
Instrument :
MSVOA_X
ClientSampleId :
MWHHR2-6-070119MS

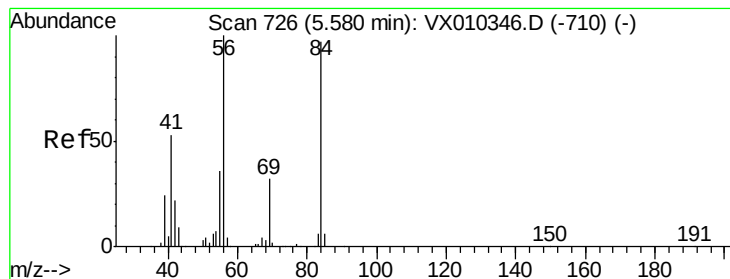
Tot Ion: 42 Resp: 227918
Ion Ratio Lower Upper
42 100
72 50.3 40.6 60.8
71 46.8 37.8 56.8



#30
Chloroform
Concen: 48.526 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX010629.D
Acq: 02 Jul 2019 19:54

Tgt Ion: 83 Resp: 164642
Ion Ratio Lower Upper
83 100
85 67.9 50.9 76.3





#31

Cyclohexane

Concen: 45.115 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX010629.D

Acq: 02 Jul 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

MWHR2-6-070119MS

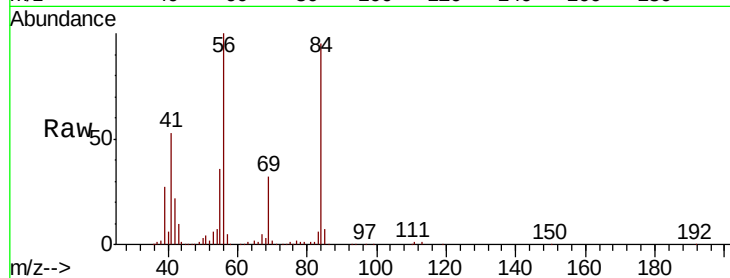
Tot Ion: 56 Resp: 129552

Ion Ratio Lower Upper

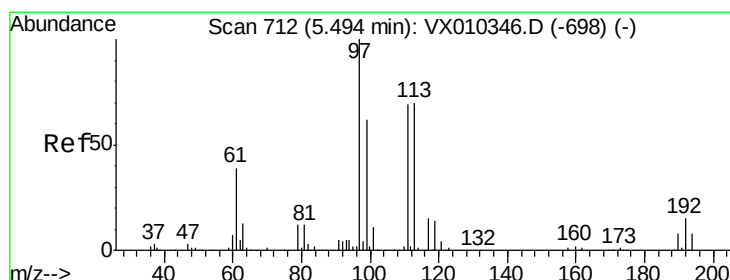
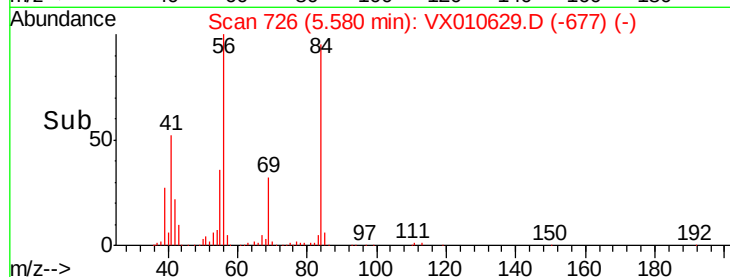
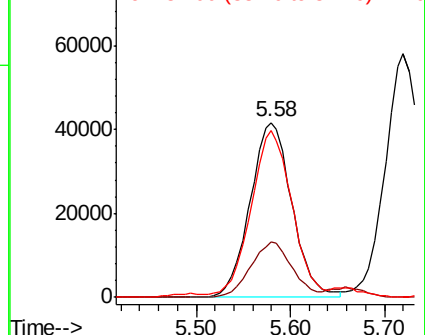
56 100

69 32.0 25.9 38.9

84 93.1 78.0 117.0



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



#32

1,1,1-Trichloroethane

Concen: 48.220 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX010629.D

Acq: 02 Jul 2019 19:54

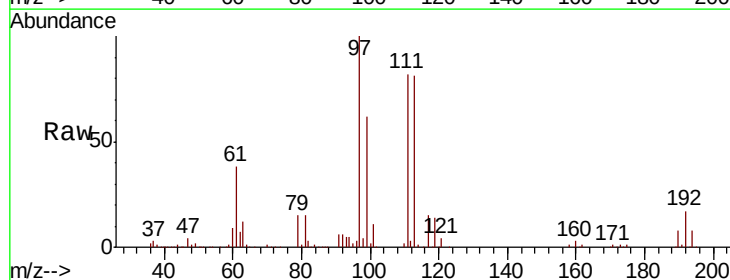
Tgt Ion: 97 Resp: 144459

Ion Ratio Lower Upper

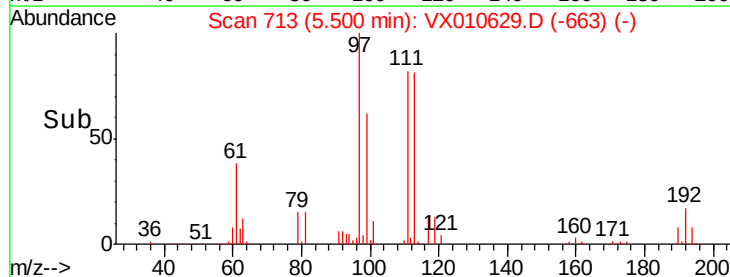
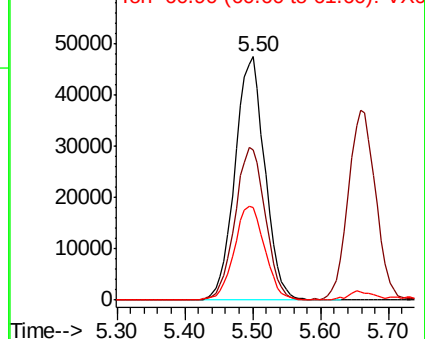
97 100

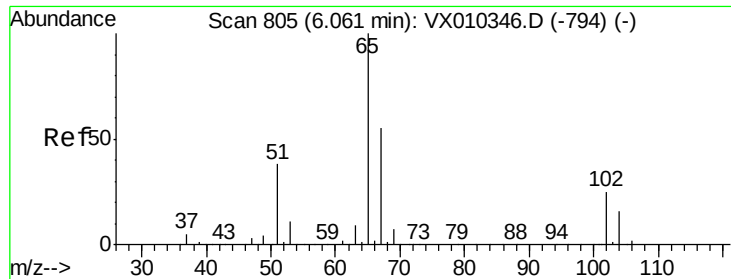
99 64.0 51.8 77.8

61 39.7 32.1 48.1



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

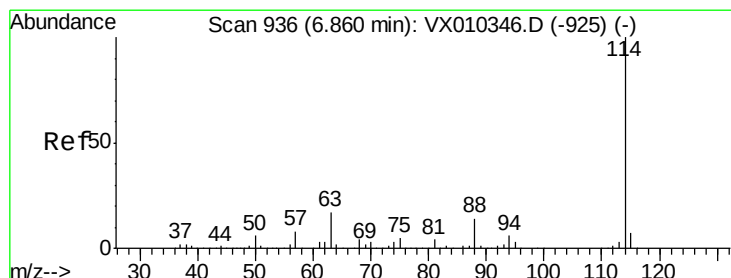
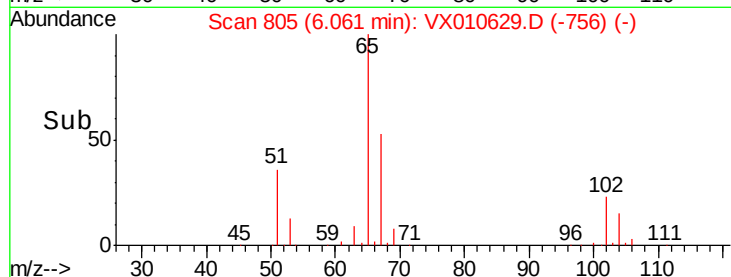
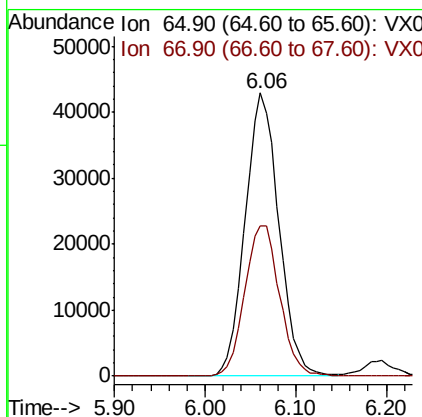
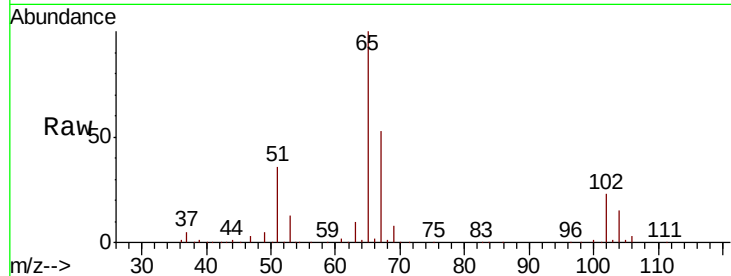




#33
 1,2-Dichloroethane-d4
 Concen: 55.557 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX010629.D
 Acq: 02 Jul 2019 19:54

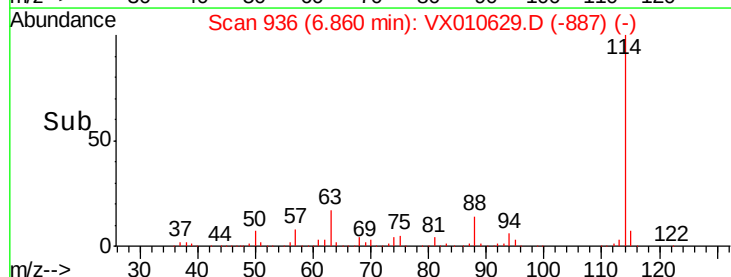
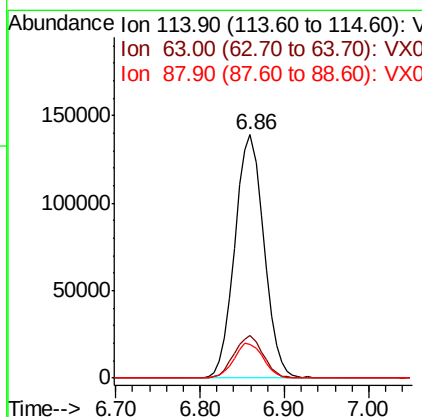
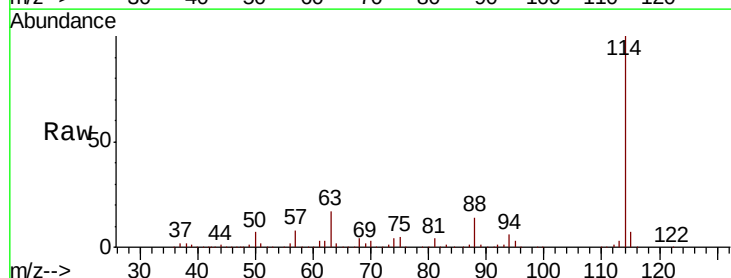
Instrument :
 MSVOA_X
 ClientSampleId :
 MWHR2-6-070119MS

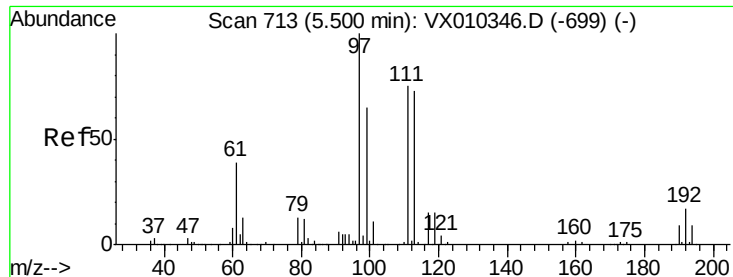
Tot Ion: 65 Resp: 110447
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX010629.D
 Acq: 02 Jul 2019 19:54

Tgt Ion: 114 Resp: 325193
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 33.8
 88 14.0 0.0 27.6

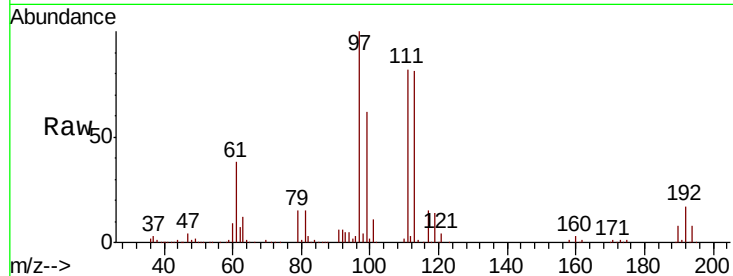




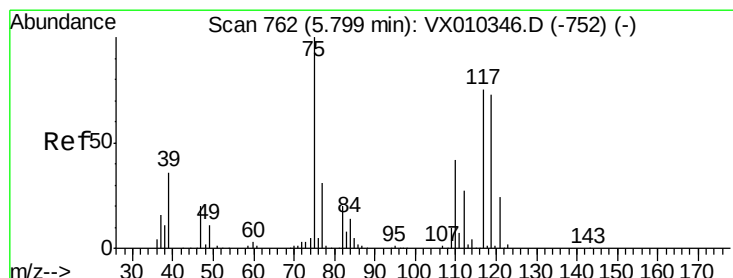
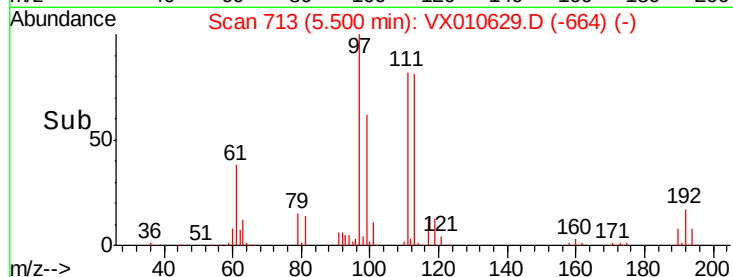
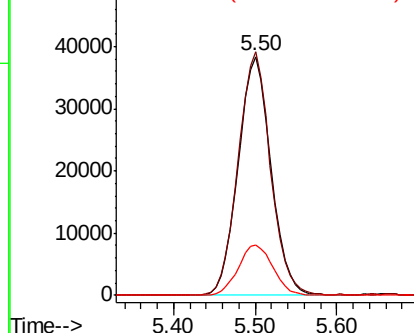
#35
 Dibromofluoromethane
 Concen: 53.801 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX010629.D
 Acq: 02 Jul 2019 19:54

Instrument :
 MSVOA_X
 ClientSampleId :
 MWHR2-6-070119MS

Tot Ion:113 Resp: 107046
 Ion Ratio Lower Upper
 113 100
 111 100.8 81.2 121.8
 192 22.2 18.6 27.8

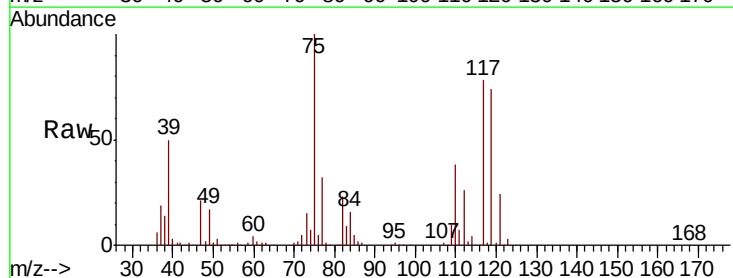


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

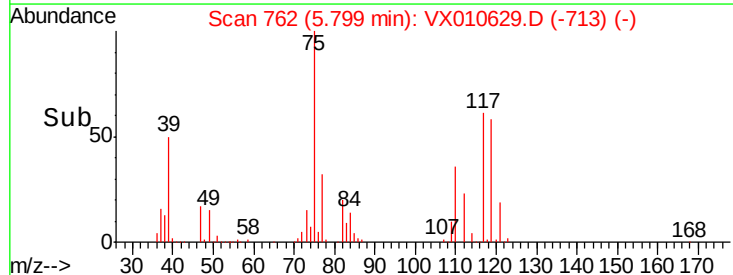
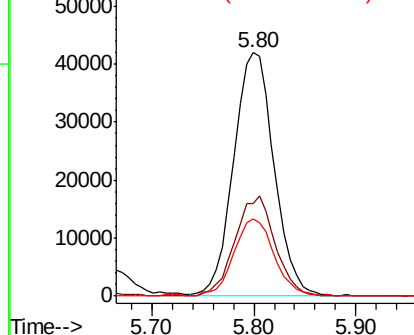


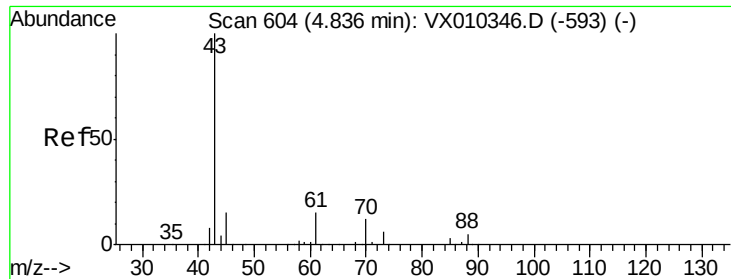
#36
 1,1-Dichloropropene
 Concen: 44.240 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX010629.D
 Acq: 02 Jul 2019 19:54

Tgt Ion: 75 Resp: 114323
 Ion Ratio Lower Upper
 75 100
 110 41.4 20.8 62.2
 77 32.0 25.4 38.0



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

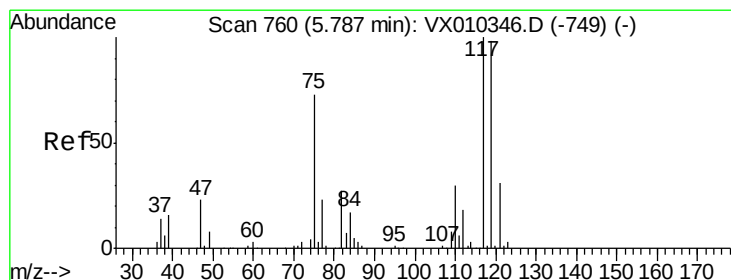
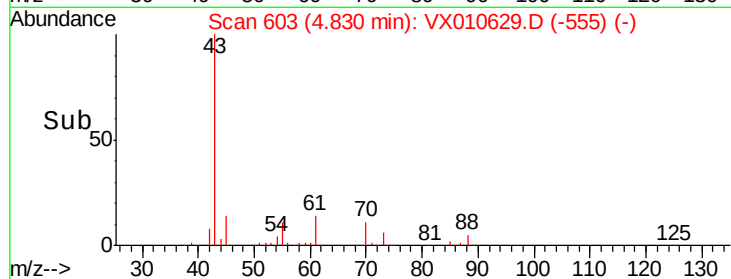
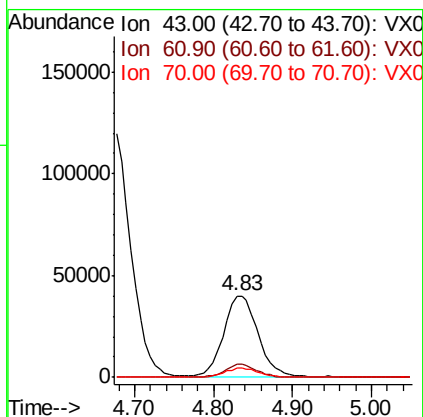
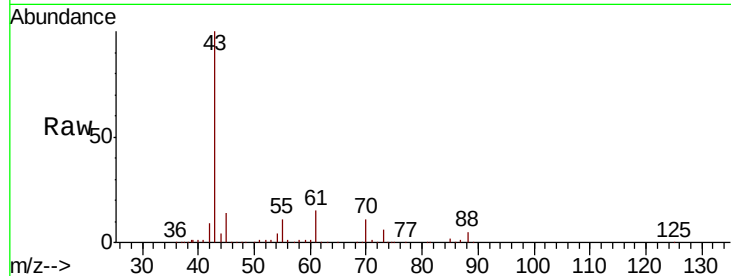




#37
Ethyl Acetate
Concen: 45.159 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX010629.D
Acq: 02 Jul 2019 19:54

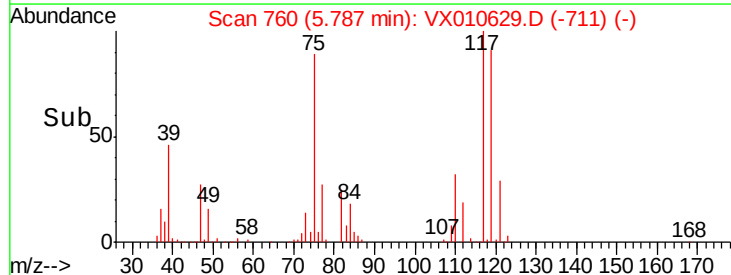
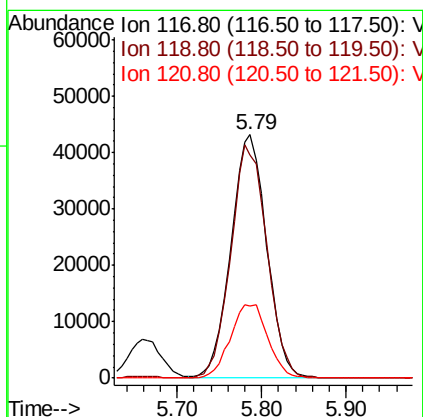
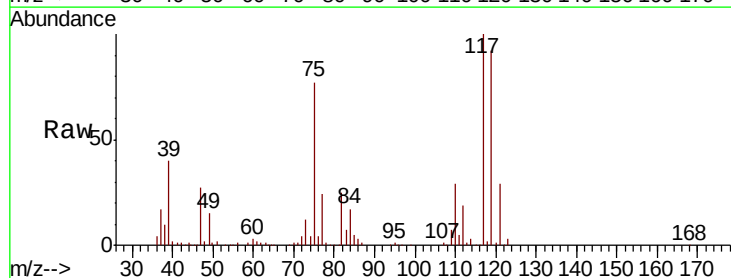
Instrument :
MSVOA_X
ClientSampleId :
MWHR2-6-070119MS

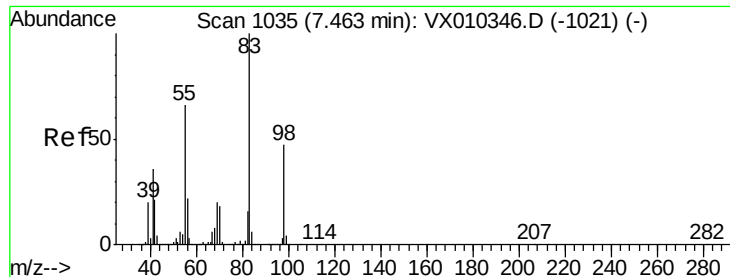
Tot Ion: 43 Resp: 120055
Ion Ratio Lower Upper
43 100
61 14.7 12.4 18.6
70 11.7 9.8 14.8



#38
Carbon Tetrachloride
Concen: 44.372 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX010629.D
Acq: 02 Jul 2019 19:54

Tgt Ion: 117 Resp: 124167
Ion Ratio Lower Upper
117 100
119 91.6 78.2 117.4
121 29.4 24.7 37.1

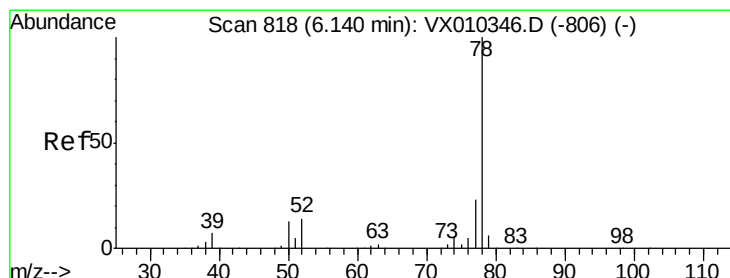
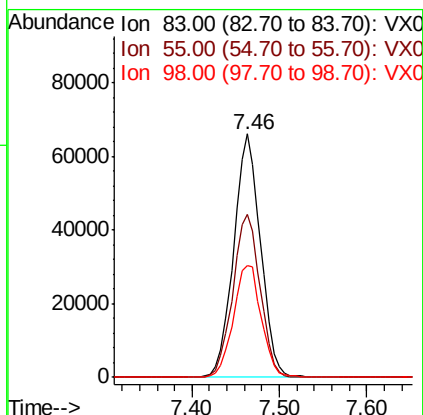
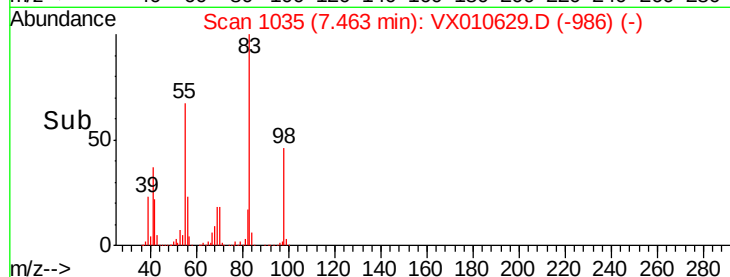
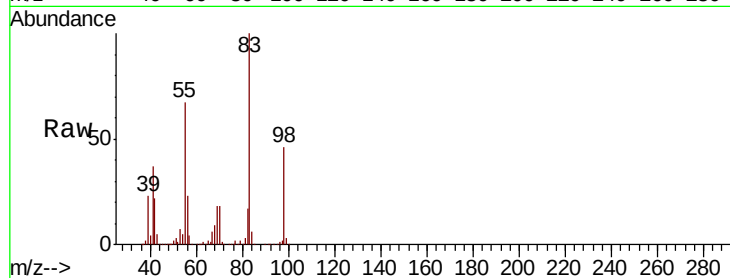




#39
Methylvlcyclohexane
Concen: 41.403 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010629.D
Acq: 02 Jul 2019 19:54

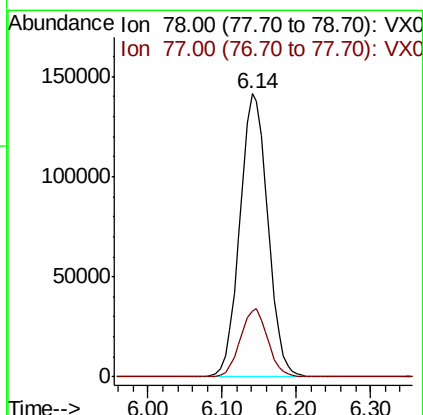
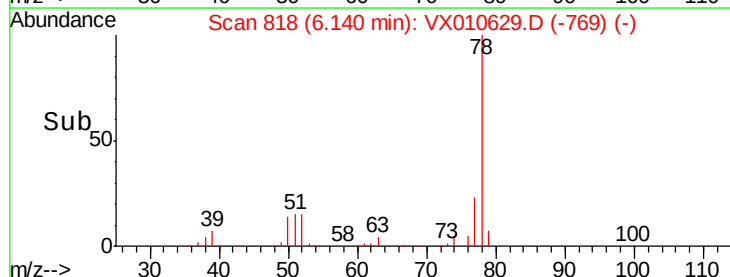
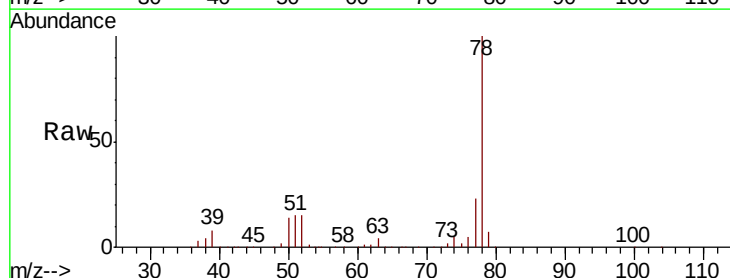
Instrument :
MSVOA_X
ClientSampleId :
MWHR2-6-070119MS

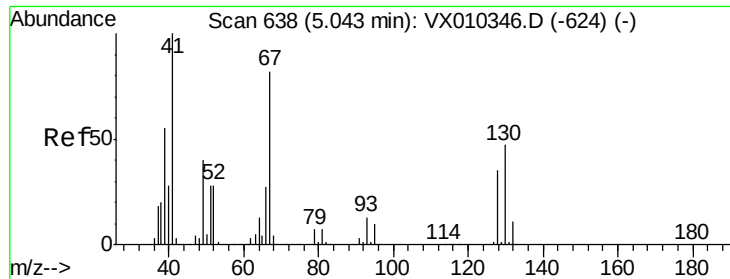
Tot Ion: 83 Resp: 140639
Ion Ratio Lower Upper
83 100
55 67.1 53.0 79.6
98 46.2 37.8 56.8



#40
Benzene
Concen: 46.360 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX010629.D
Acq: 02 Jul 2019 19:54

Tgt Ion: 78 Resp: 373238
Ion Ratio Lower Upper
78 100
77 23.4 18.6 28.0

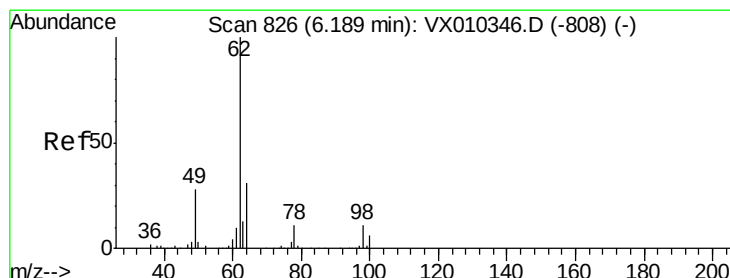
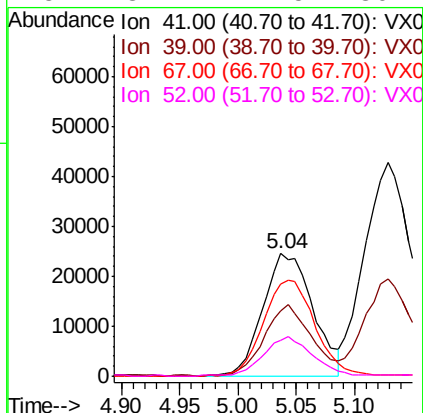
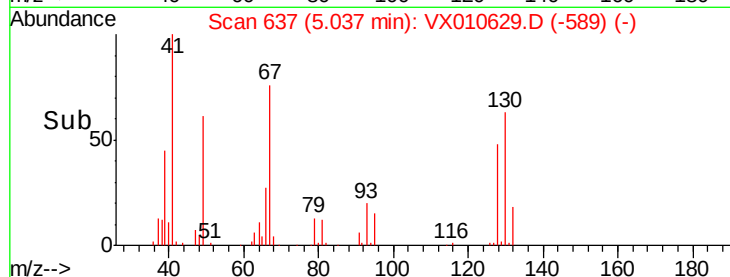
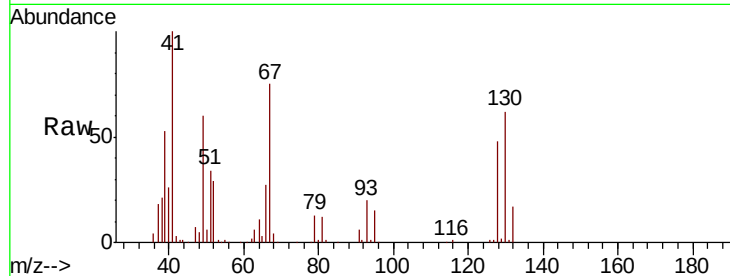




#41
Methacrylonitrile
Concen: 50.137 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX010629.D
Acq: 02 Jul 2019 19:54

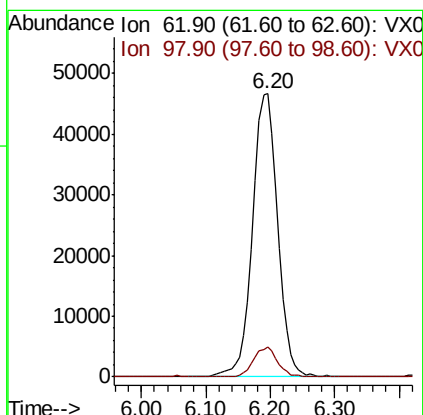
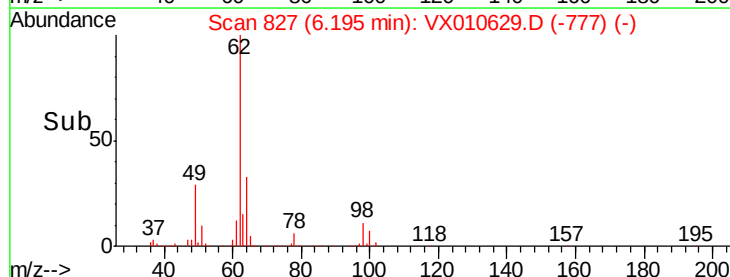
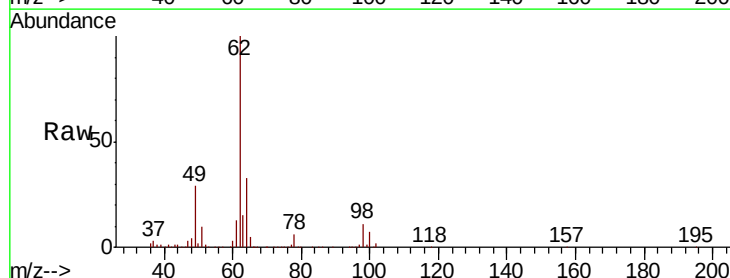
Instrument :
MSVOA_X
ClientSampleId :
MWHR2-6-070119MS

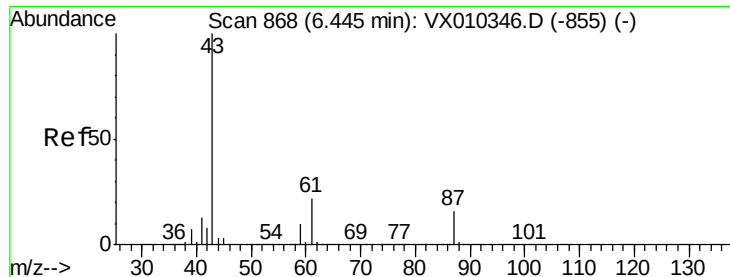
Tot Ion:	41	Resp:	73133
Ion	Ratio	Lower	Upper
41	100		
39	54.8	43.8	65.8
67	81.3	66.6	100.0
52	32.4	24.5	36.7



#42
1,2-Dichloroethane
Concen: 50.999 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX010629.D
Acq: 02 Jul 2019 19:54

Tgt Ion:	62	Resp:	124983
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	22.2





#43

Isopropyl Acetate

Concen: 46.028 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX010629.D

Acq: 02 Jul 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

MWHR2-6-070119MS

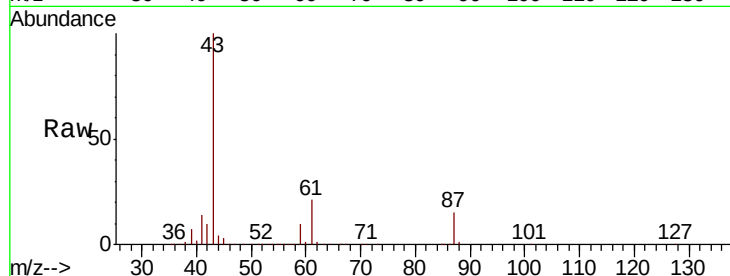
Tot Ion: 43 Resp: 202449

Ion Ratio Lower Upper

43 100

61 21.2 17.8 26.6

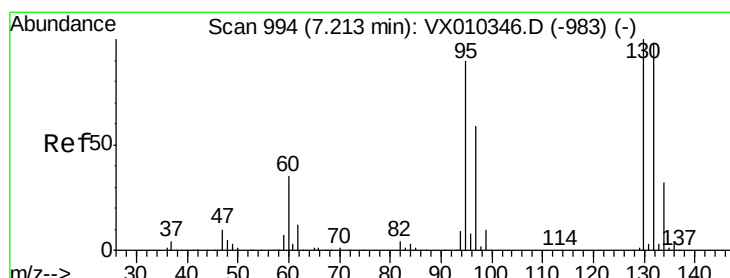
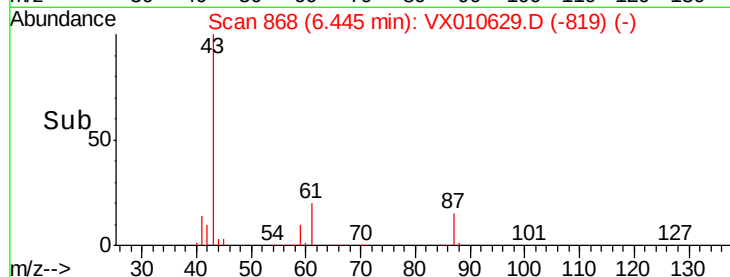
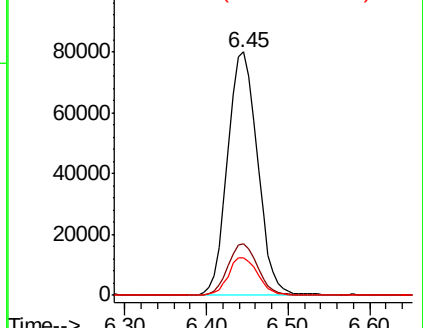
87 15.4 13.0 19.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 44.578 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX010629.D

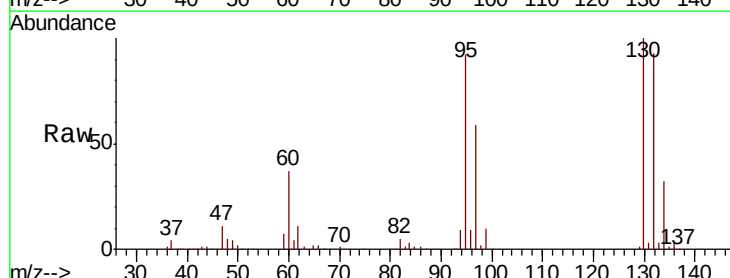
Acq: 02 Jul 2019 19:54

Tgt Ion: 130 Resp: 107390

Ion Ratio Lower Upper

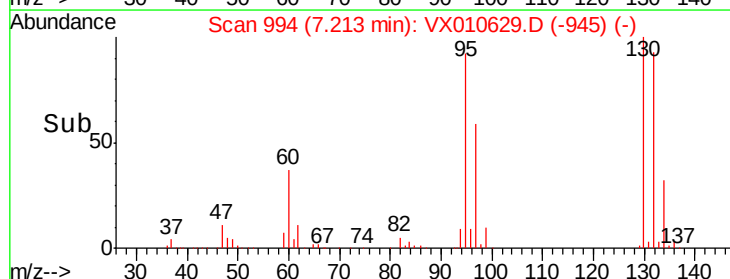
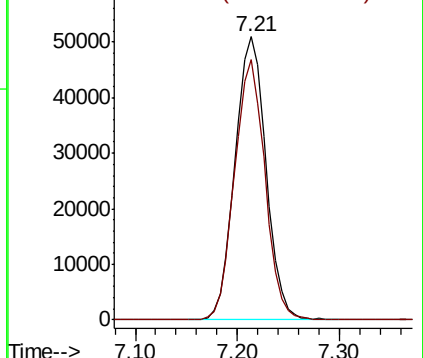
130 100

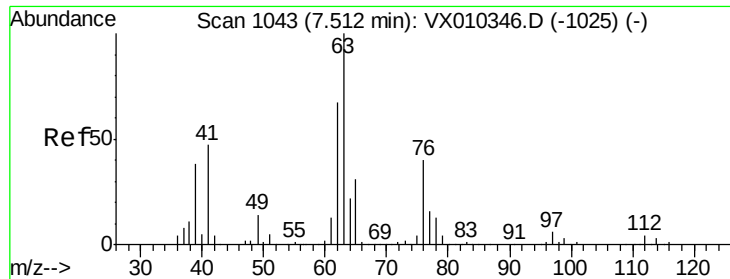
95 91.9 0.0 180.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

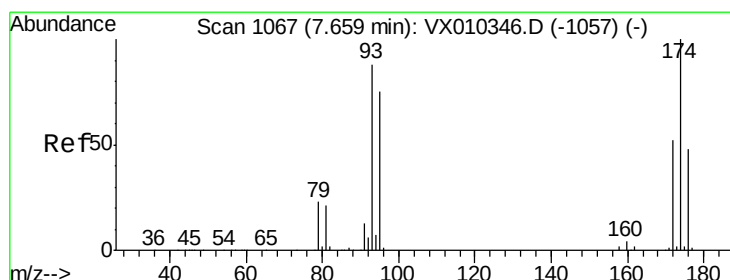
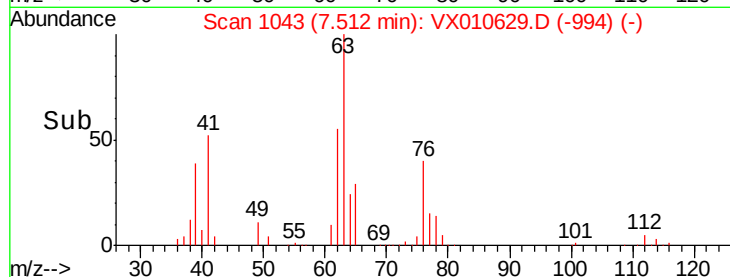
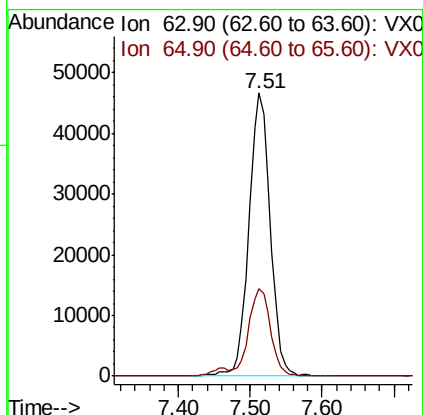
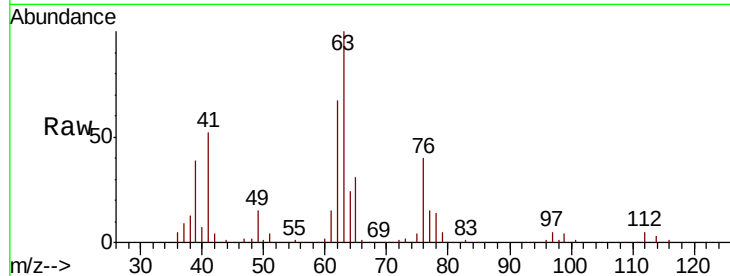




#45
 1,2-Dichloropropane
 Concen: 47.176 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX010629.D
 Acq: 02 Jul 2019 19:54

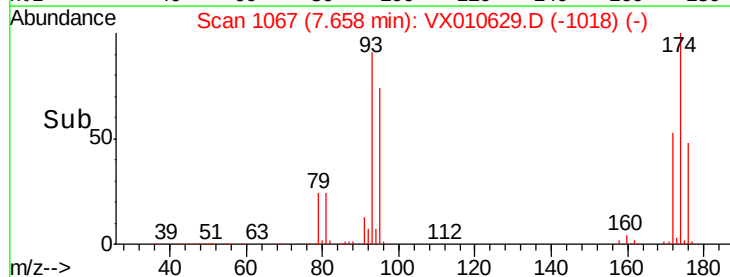
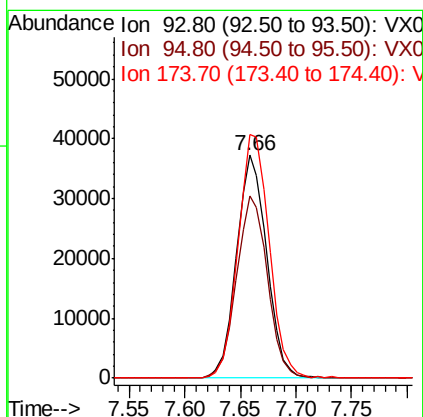
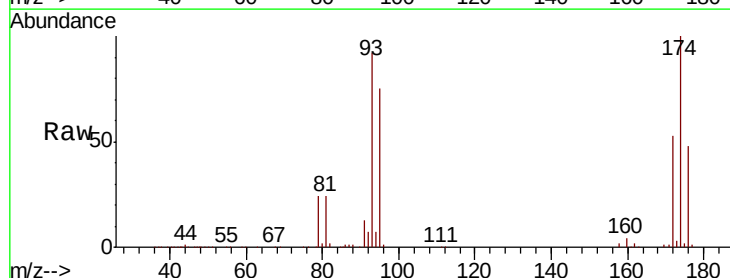
Instrument :
 MSVOA_X
 ClientSampleId :
 MWHR2-6-070119MS

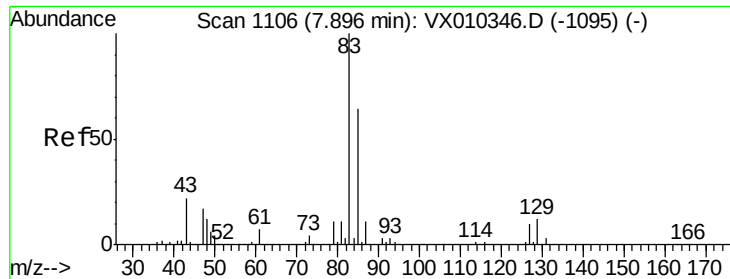
Tot Ion: 63 Resp: 95912
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.8 37.2



#46
 Dibromomethane
 Concen: 47.973 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX010629.D
 Acq: 02 Jul 2019 19:54

Tgt Ion: 93 Resp: 69977
 Ion Ratio Lower Upper
 93 100
 95 83.9 67.5 101.3
 174 113.1 95.8 143.6





#47

Bromodichloromethane

Concen: 47.563 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010629.D

Acq: 02 Jul 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

MWHR2-6-070119MS

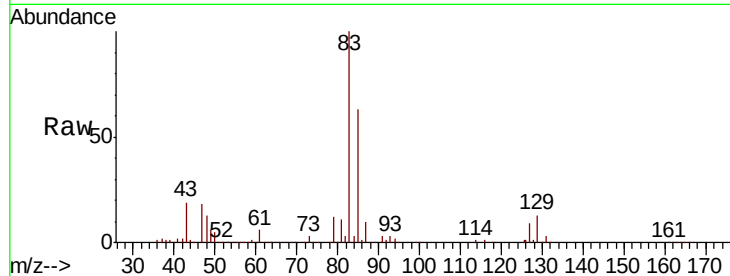
Tot Ion: 83 Resp: 127147

Ion Ratio Lower Upper

83 100

85 63.0 51.5 77.3

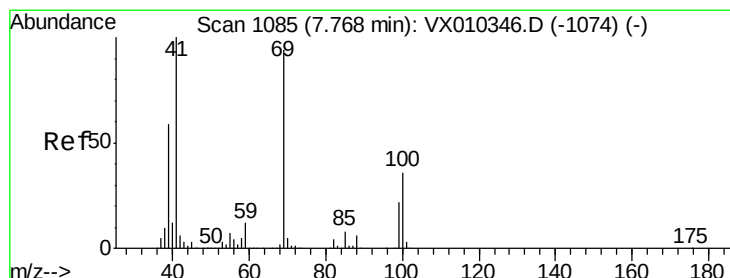
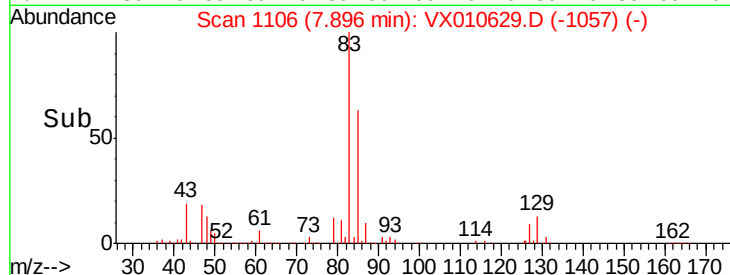
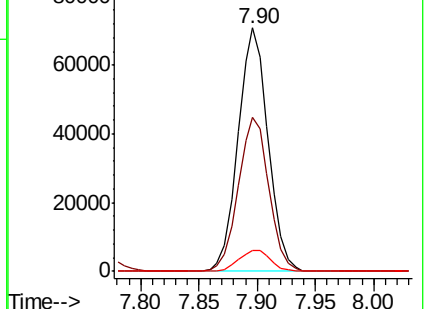
127 8.8 7.8 11.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 50.168 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX010629.D

Acq: 02 Jul 2019 19:54

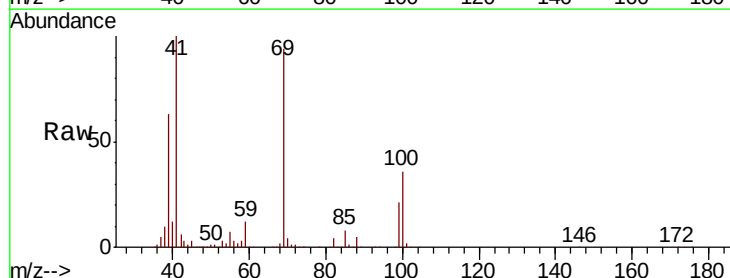
Tgt Ion: 41 Resp: 102566

Ion Ratio Lower Upper

41 100

69 93.7 76.1 114.1

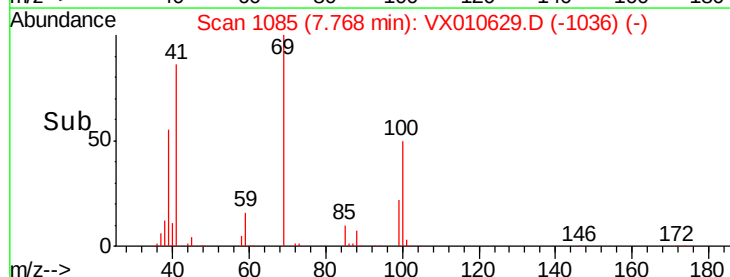
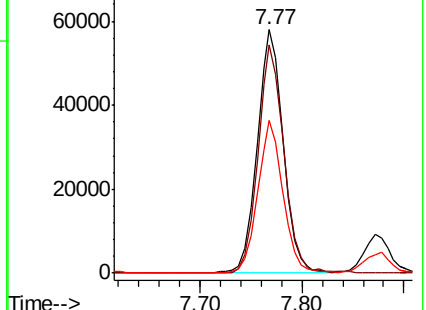
39 60.3 47.6 71.4

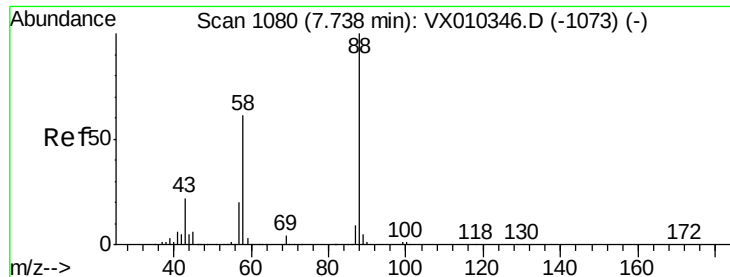


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 816.502 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX010629.D

Acq: 02 Jul 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

MWHR2-6-070119MS

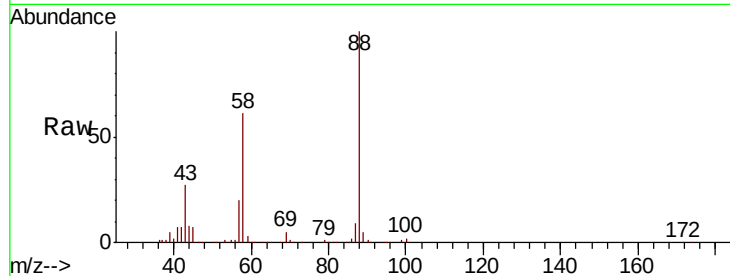
Tot Ion: 88 Resp: 48088

Ion Ratio Lower Upper

88 100

43 28.5 20.2 30.2

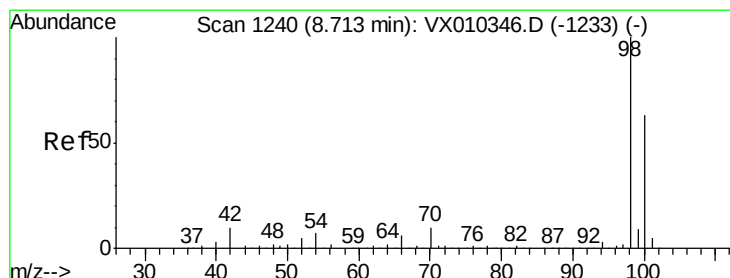
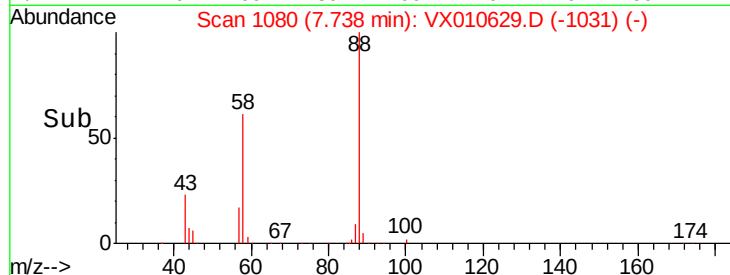
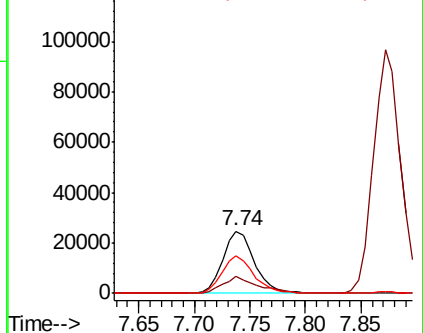
58 62.3 49.5 74.3



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 51.156 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX010629.D

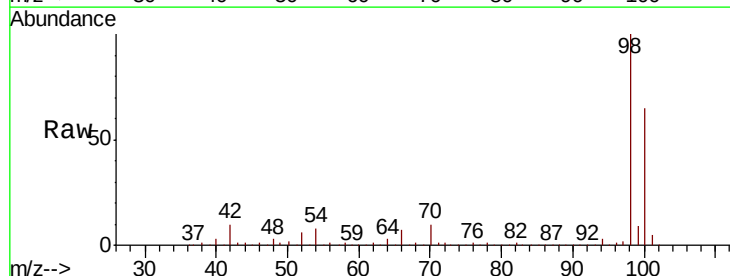
Acq: 02 Jul 2019 19:54

Tgt Ion: 98 Resp: 389402

Ion Ratio Lower Upper

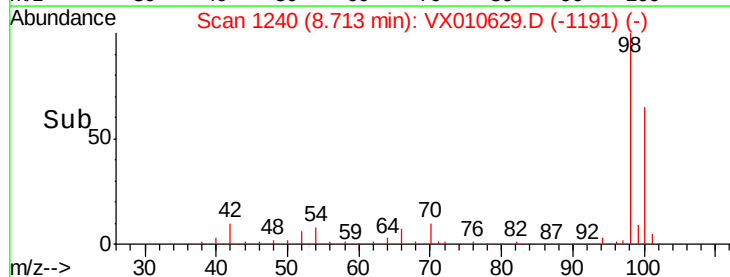
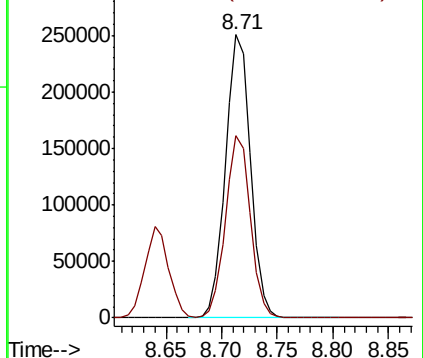
98 100

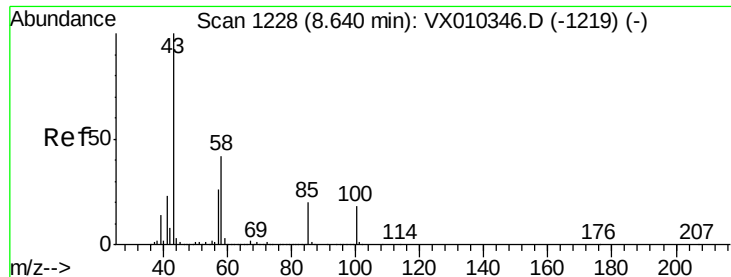
100 64.3 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

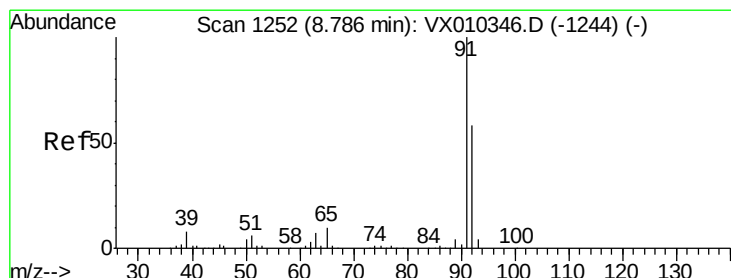
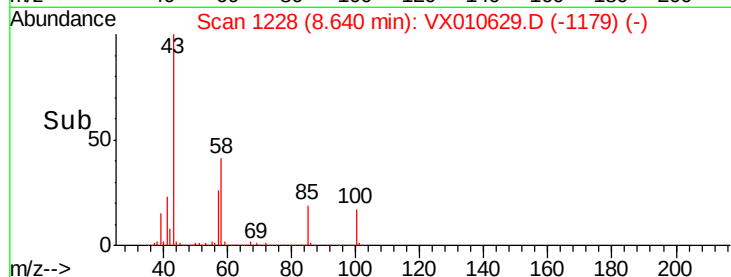
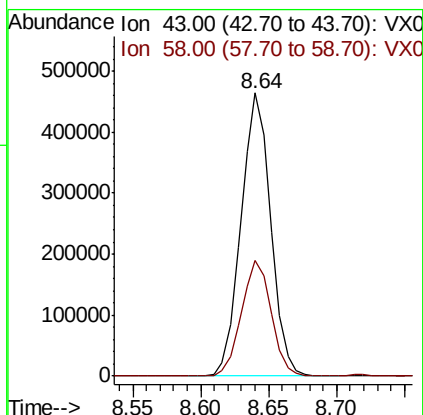
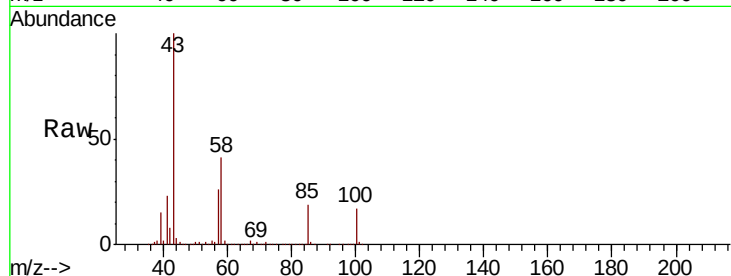




#51
 4-Methyl-2-Pentanone
 Concen: 251.131 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VX010629.D
 Acq: 02 Jul 2019 19:54

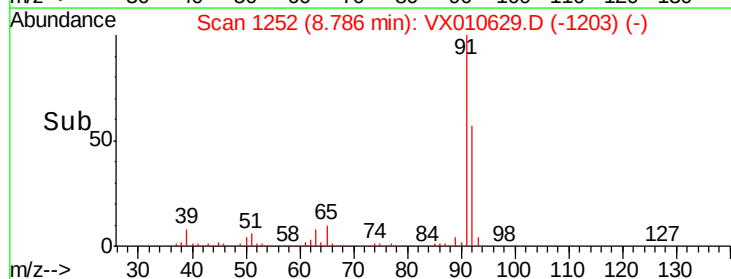
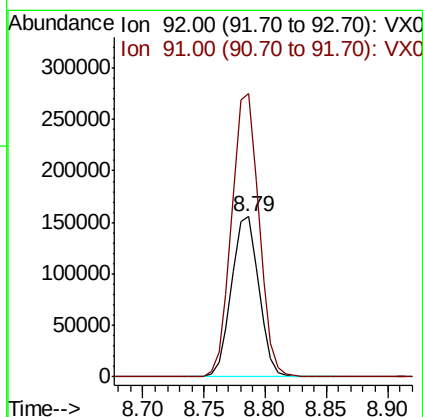
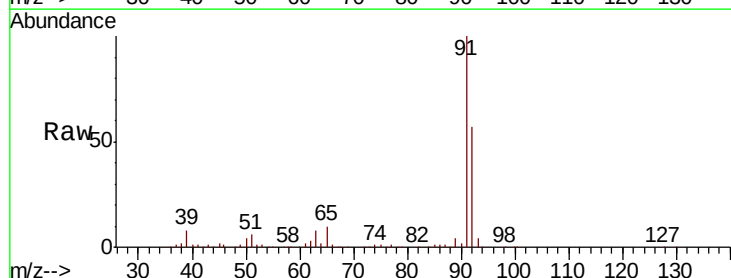
Instrument :
 MSVOA_X
 ClientSampleId :
 MWHR2-6-070119MS

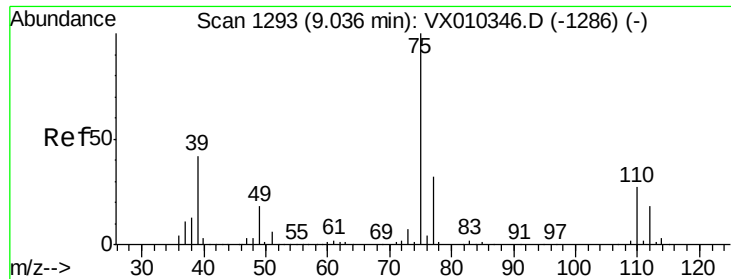
Tot Ion: 43 Resp: 706444
 Ion Ratio Lower Upper
 43 100
 58 41.1 33.5 50.3



#52
 Toluene
 Concen: 45.463 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VX010629.D
 Acq: 02 Jul 2019 19:54

Tgt Ion: 92 Resp: 241038
 Ion Ratio Lower Upper
 92 100
 91 176.4 139.8 209.6





#53

t-1,3-Dichloropropene

Concen: 44.163 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX010629.D

Acq: 02 Jul 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

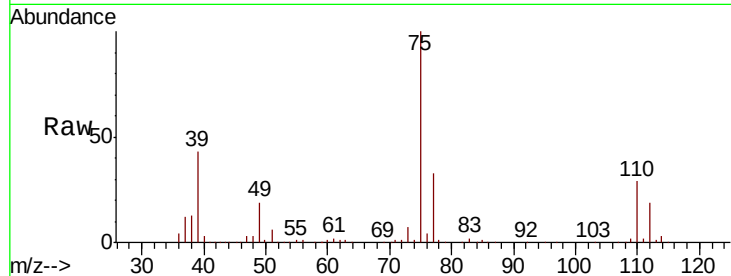
MWHR2-6-070119MS

Tot Ion: 75 Resp: 132359

Ion Ratio Lower Upper

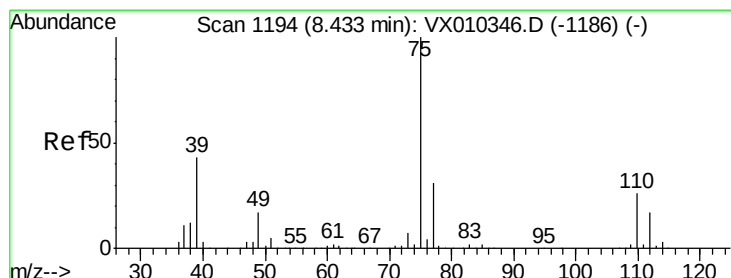
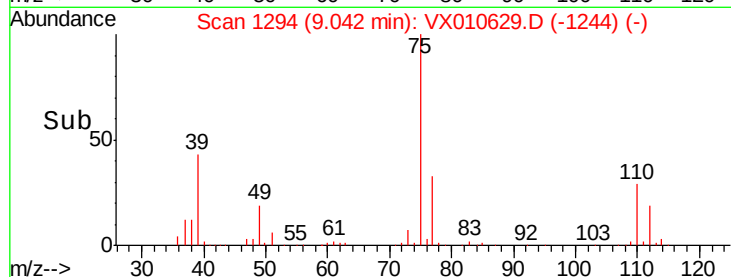
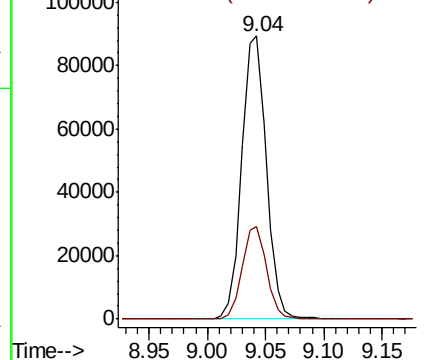
75 100

77 32.6 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 44.489 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX010629.D

Acq: 02 Jul 2019 19:54

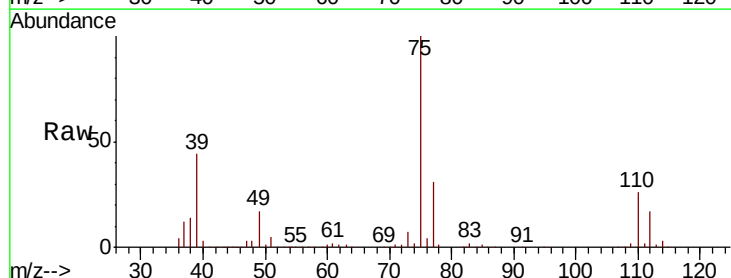
Tgt Ion: 75 Resp: 144898

Ion Ratio Lower Upper

75 100

77 31.2 25.2 37.8

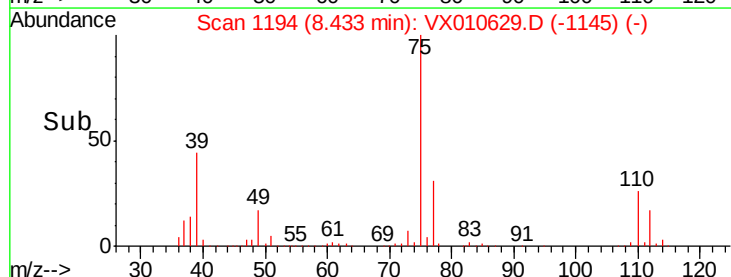
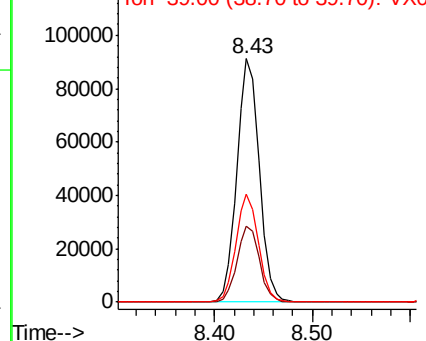
39 44.3 34.5 51.7

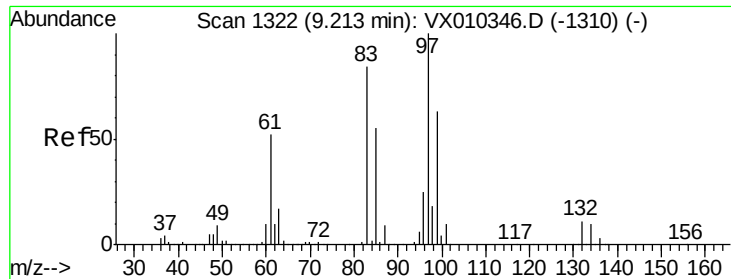


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 48.118 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX010629.D

Acq: 02 Jul 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

MWHR2-6-070119MS

Tot Ion: 97 Resp: 105213

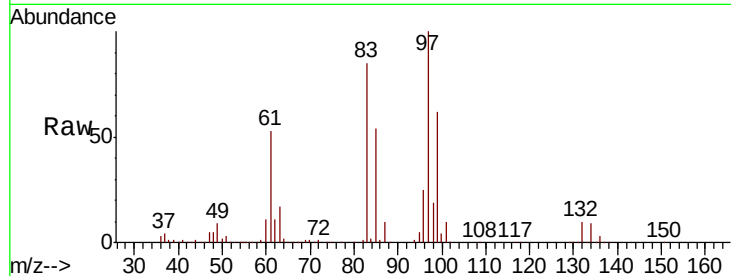
Ion Ratio Lower Upper

97 100

83 84.8 67.4 101.0

85 54.3 43.8 65.8

99 62.2 50.3 75.5

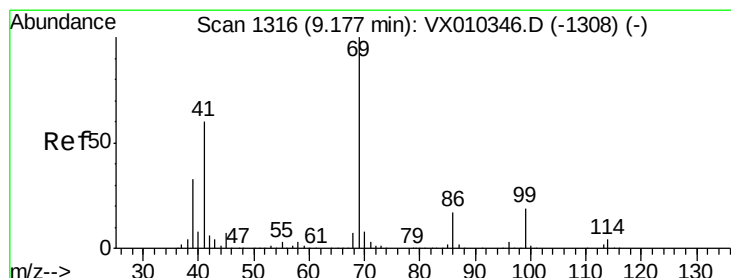
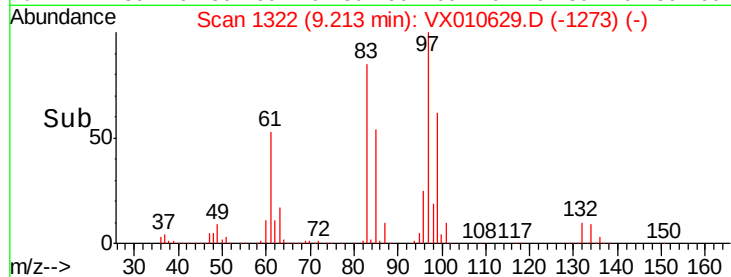
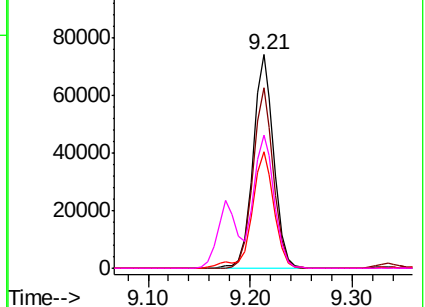


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 48.116 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX010629.D

Acq: 02 Jul 2019 19:54

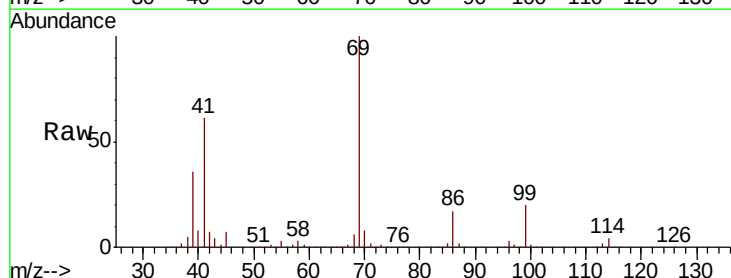
Tgt Ion: 69 Resp: 159379

Ion Ratio Lower Upper

69 100

41 61.1 47.1 70.7

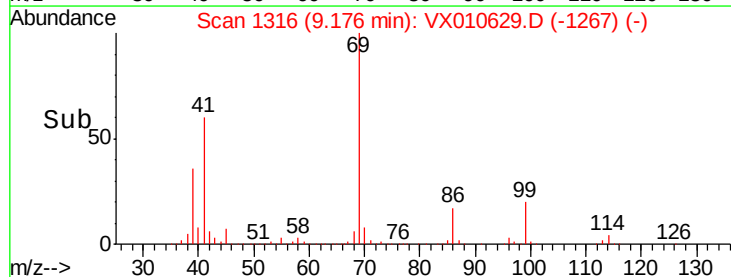
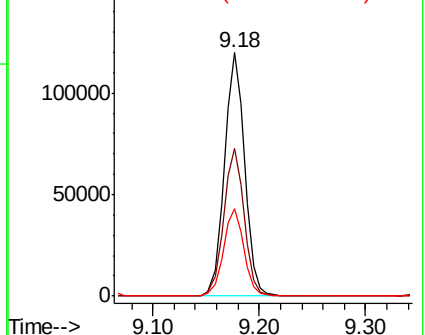
39 36.0 26.6 40.0

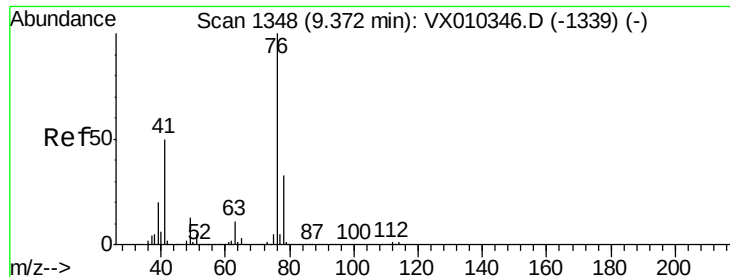


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

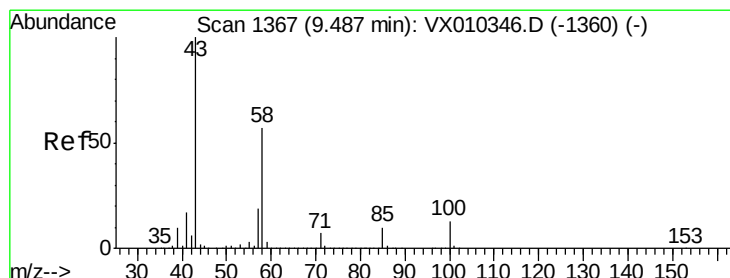
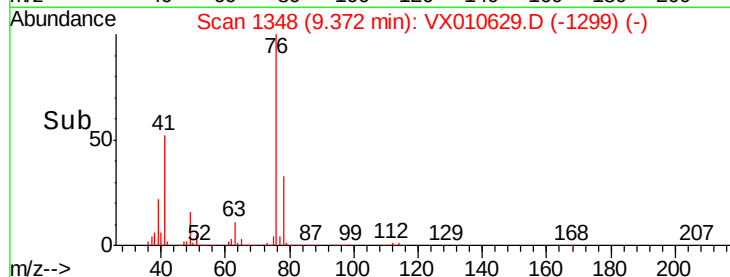
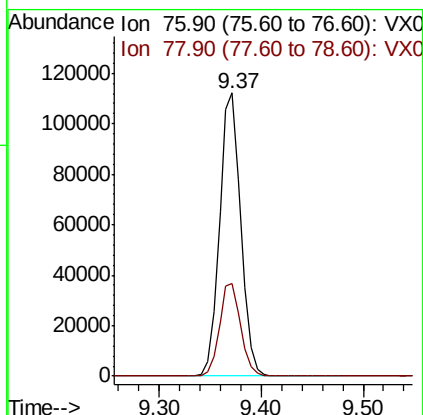
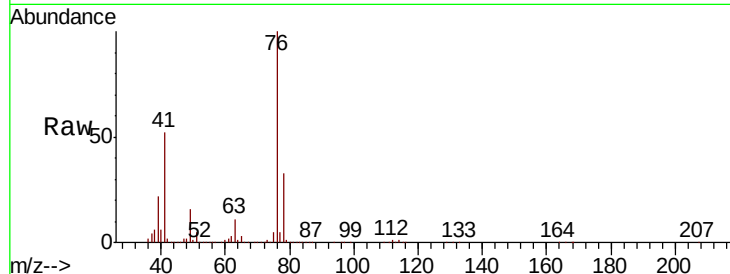




#57
 1,3-Dichloropropane
 Concen: 48.016 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX010629.D
 Acq: 02 Jul 2019 19:54

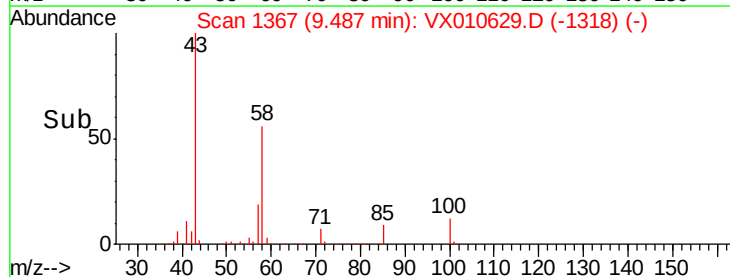
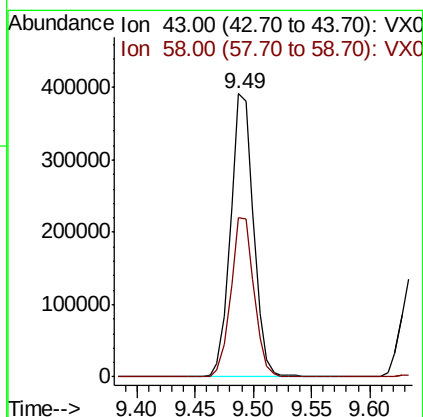
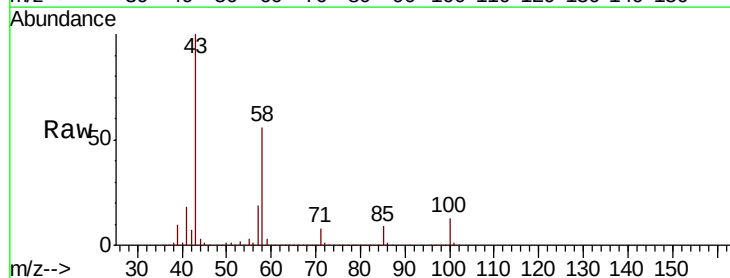
Instrument :
 MSVOA_X
 ClientSampleId :
 MWHR2-6-070119MS

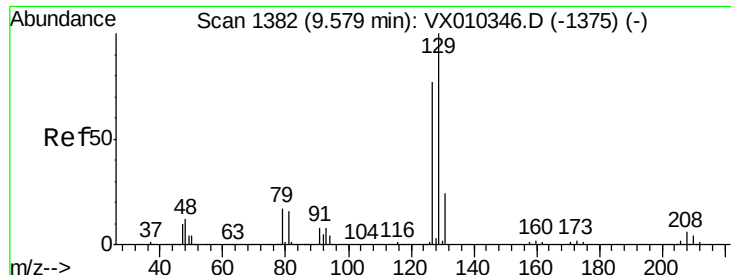
Tot Ion: 76 Resp: 162978
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.1 39.1



#59
 2-Hexanone
 Concen: 242.876 ug/l
 RT: 9.49 min Scan# 1367
 Delta R.T. -0.00 min
 Lab File: VX010629.D
 Acq: 02 Jul 2019 19:54

Tgt Ion: 43 Resp: 537721
 Ion Ratio Lower Upper
 43 100
 58 56.8 29.0 87.1





#60

Dibromochloromethane

Concen: 46.384 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VX010629.D

Acq: 02 Jul 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

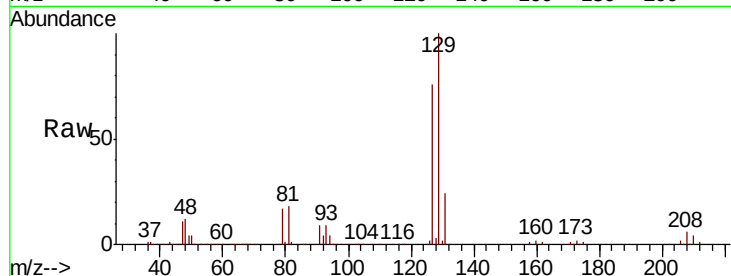
MWHR2-6-070119MS

Tot Ion:129 Resp: 113560

Ion Ratio Lower Upper

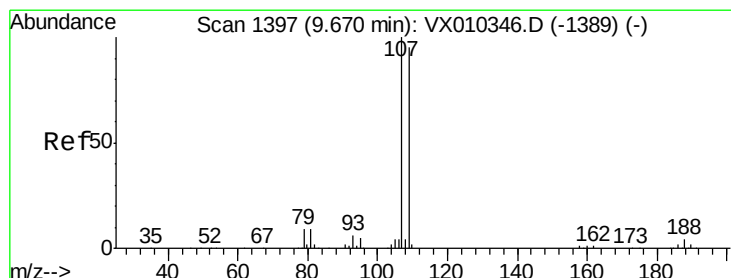
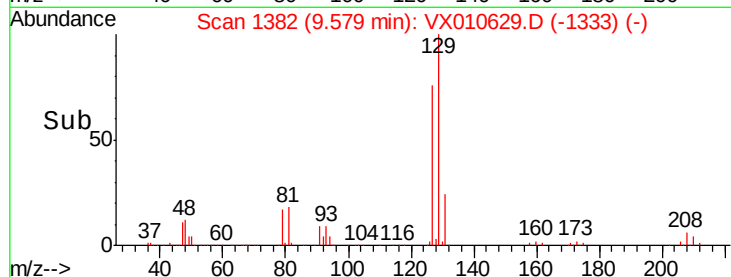
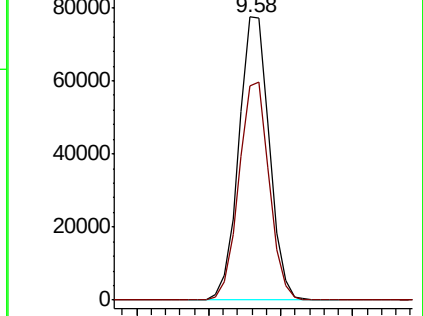
129 100

127 76.5 38.4 115.1



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 47.799 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010629.D

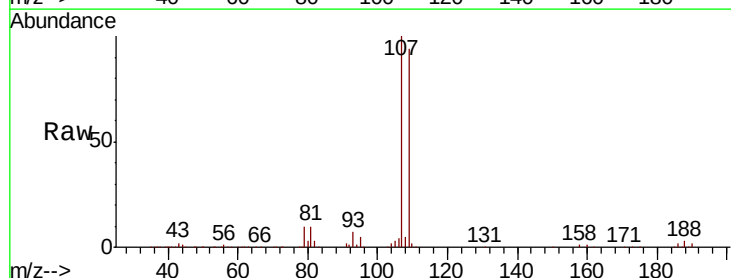
Acq: 02 Jul 2019 19:54

Tgt Ion:107 Resp: 112814

Ion Ratio Lower Upper

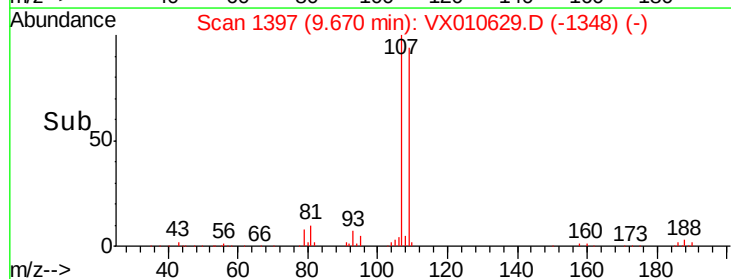
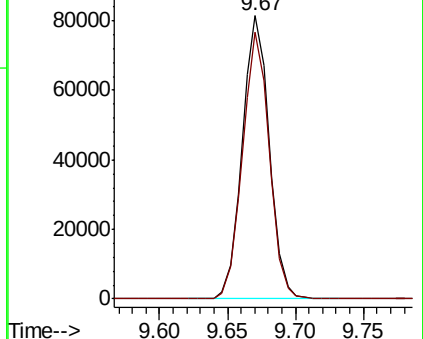
107 100

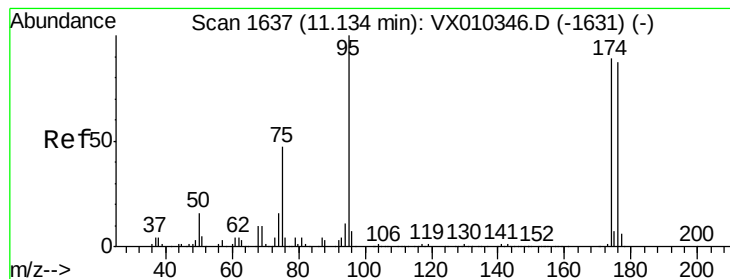
109 93.4 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 51.561 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX010629.D

Acq: 02 Jul 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

MWHR2-6-070119MS

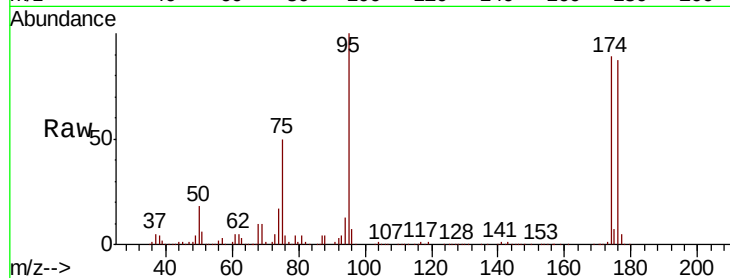
Tot Ion: 95 Resp: 141698

Ion Ratio Lower Upper

95 100

174 93.7 0.0 187.6

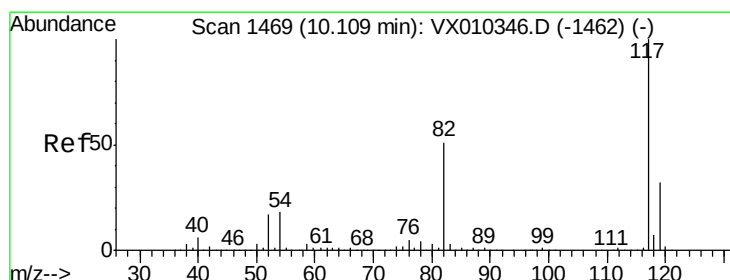
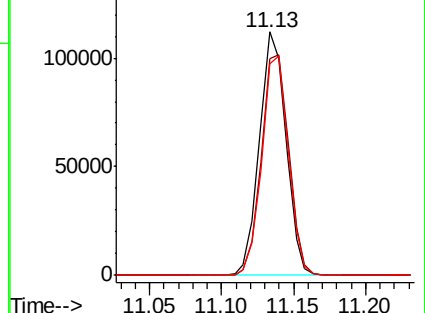
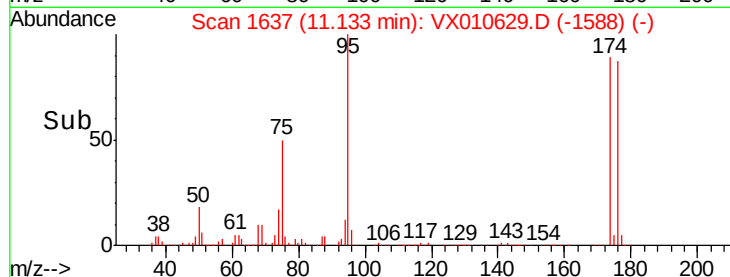
176 90.4 0.0 184.0



Abundance Ion 94.90 (94.60 to 95.60): VX010629.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX010629.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX010629.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX010629.D

Acq: 02 Jul 2019 19:54

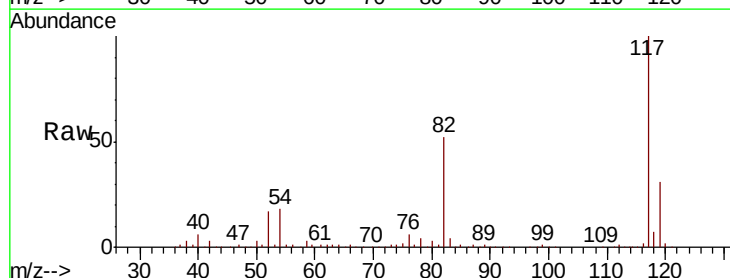
Tgt Ion: 117 Resp: 296826

Ion Ratio Lower Upper

117 100

82 52.2 41.2 61.8

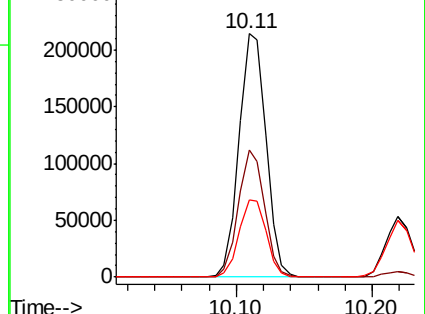
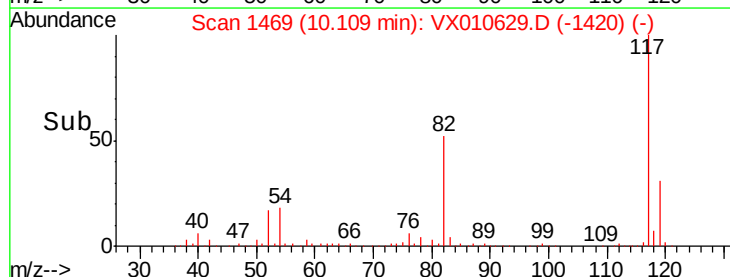
119 31.5 25.5 38.3

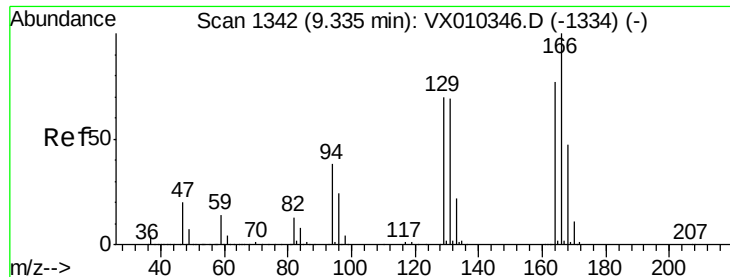


Abundance Ion 116.90 (116.60 to 117.60): VX010629.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX010629.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX010629.D (-1420) (-)

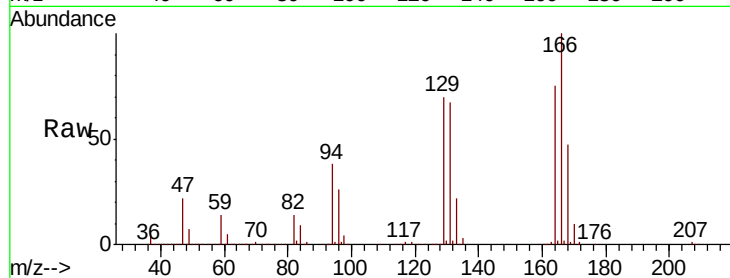




#64
Tetrachloroethene
Concen: 37.905 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010629.D
Acq: 02 Jul 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :
MWHHR2-6-070119MS

Tot Ion	Ratio	Lower	Upper
164	100		
166	132.8	103.6	155.4
129	92.3	73.0	109.4
131	88.8	71.0	106.4



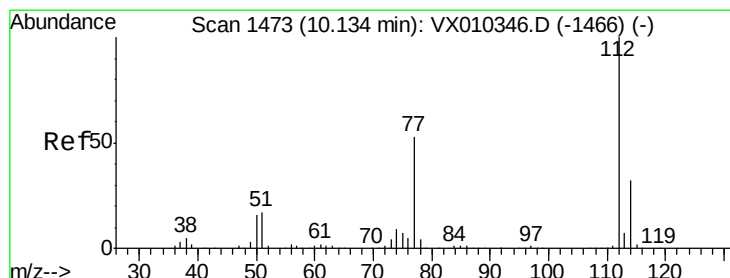
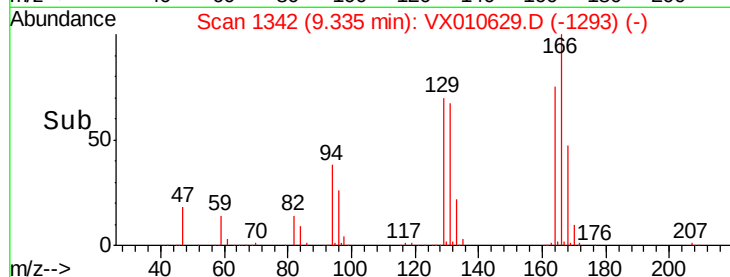
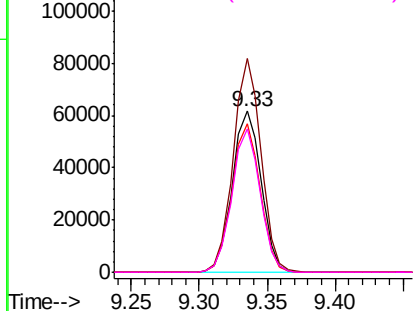
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

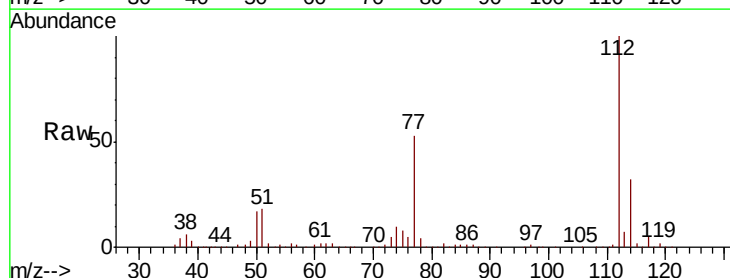
Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65
Chlorobenzene
Concen: 46.251 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX010629.D
Acq: 02 Jul 2019 19:54

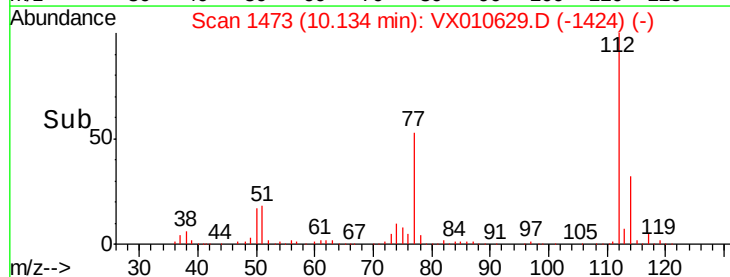
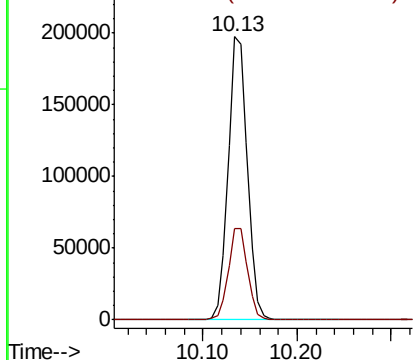
Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.1	25.4	38.2

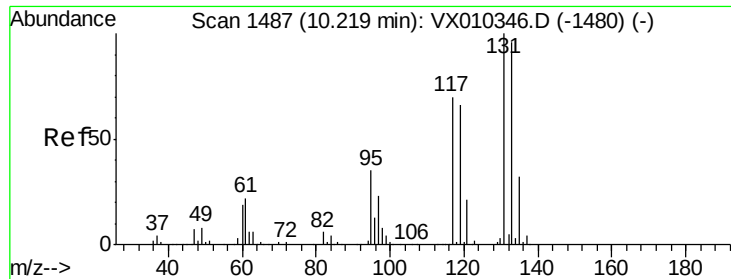


Abundance

Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

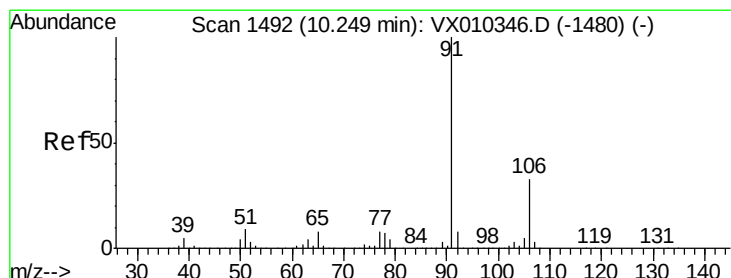
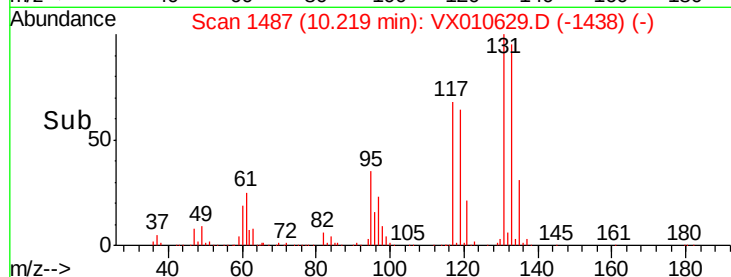
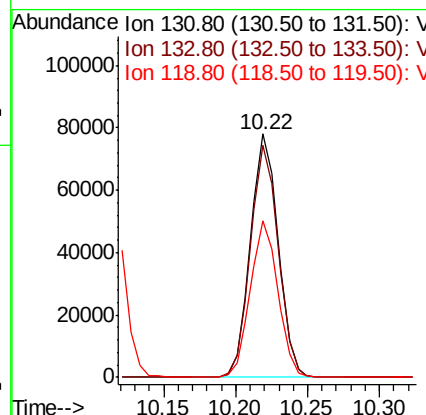
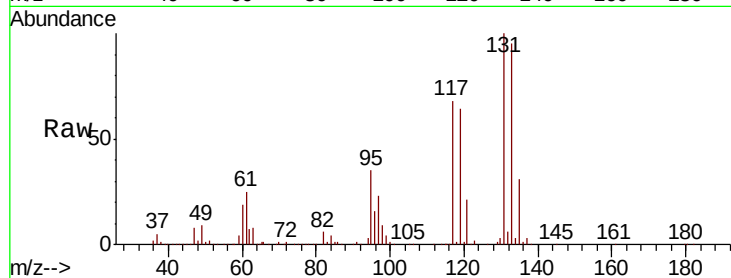




#66
 1,1,1,2-Tetrachloroethane
 Concen: 47.261 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VX010629.D
 Acq: 02 Jul 2019 19:54

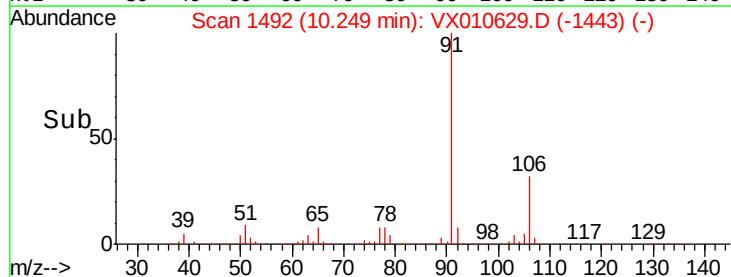
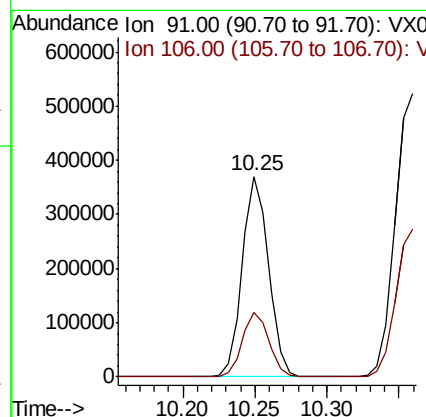
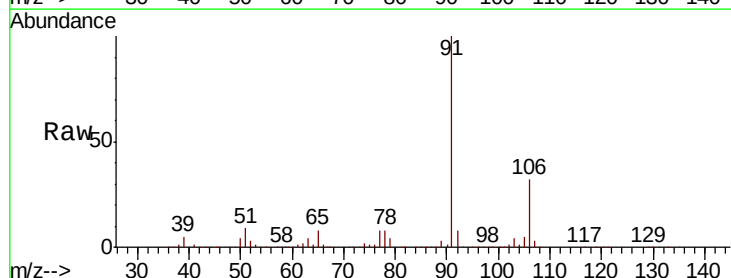
Instrument :
 MSVOA_X
 ClientSampleId :
 MWHR2-6-070119MS

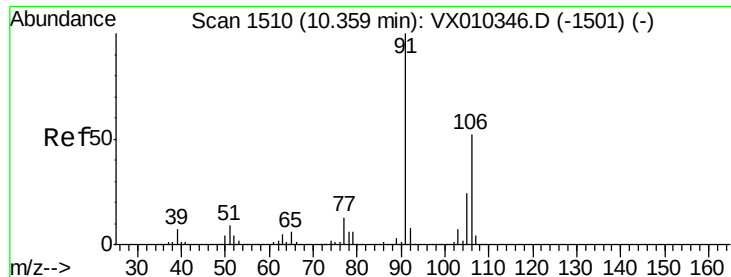
Tot Ion:131 Resp: 103739
 Ion Ratio Lower Upper
 131 100
 133 95.9 47.7 143.1
 119 64.2 32.6 97.7



#67
 Ethyl Benzene
 Concen: 46.380 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX010629.D
 Acq: 02 Jul 2019 19:54

Tgt Ion: 91 Resp: 471849
 Ion Ratio Lower Upper
 91 100
 106 32.4 26.2 39.2

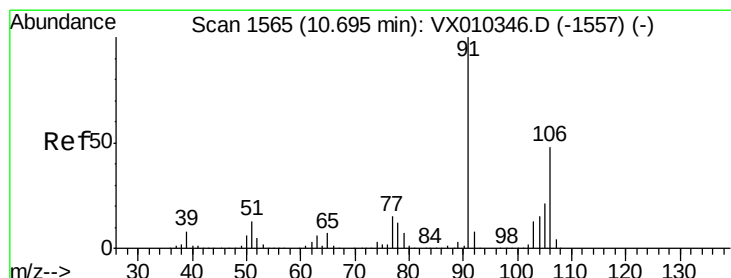
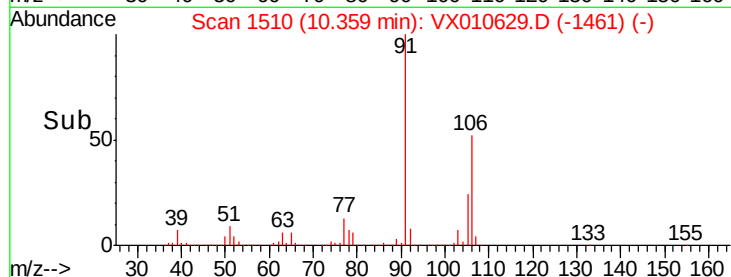
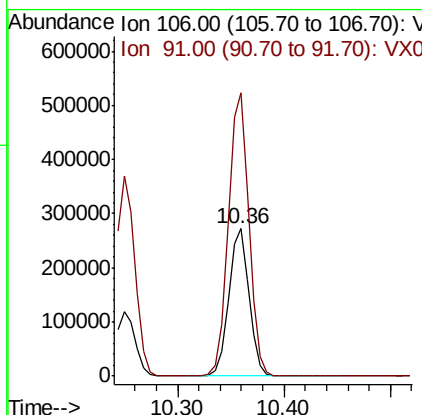
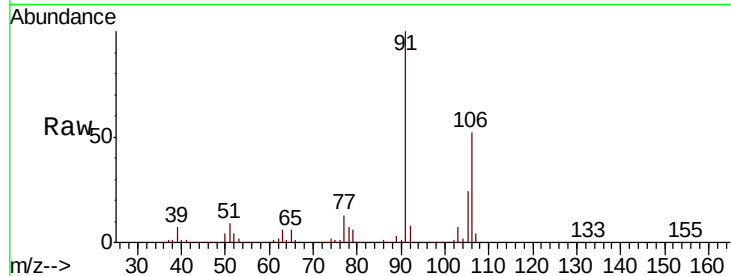




#68
m/p-Xylenes
Concen: 91.673 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX010629.D
Acq: 02 Jul 2019 19:54

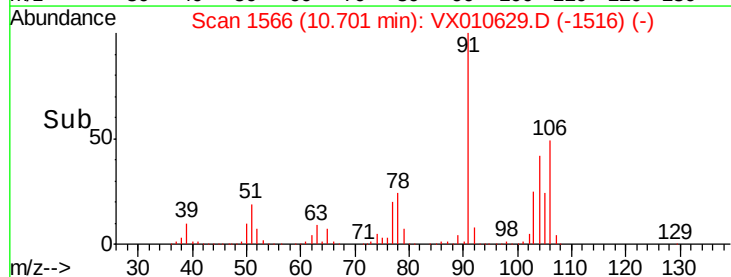
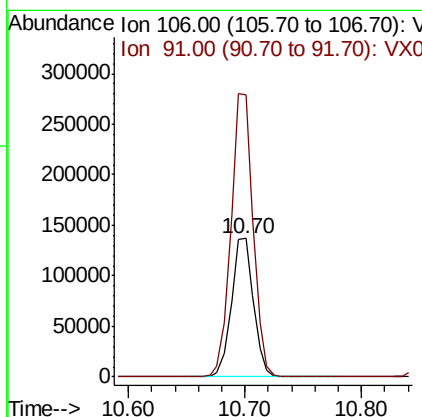
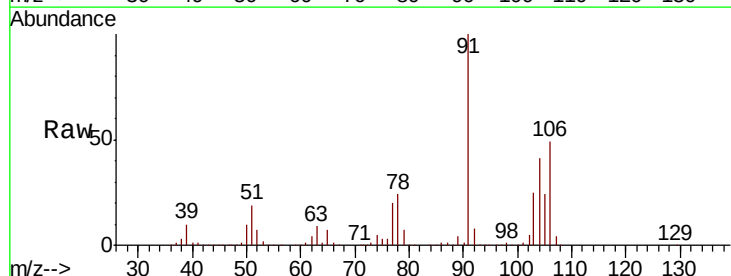
Instrument :
MSVOA_X
ClientSampleId :
MWHR2-6-070119MS

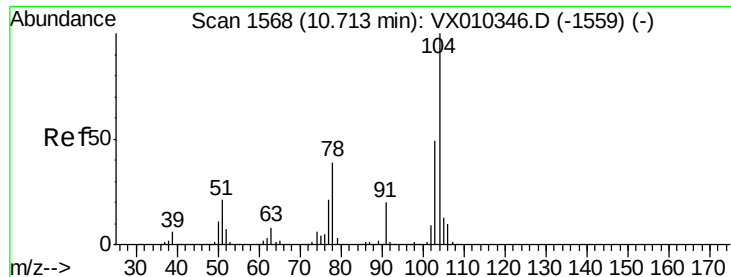
Tot Ion:106 Resp: 361370
Ion Ratio Lower Upper
106 100
91 195.8 155.3 232.9



#69
o-Xylene
Concen: 46.641 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX010629.D
Acq: 02 Jul 2019 19:54

Tgt Ion:106 Resp: 180805
Ion Ratio Lower Upper
106 100
91 204.5 102.7 308.1

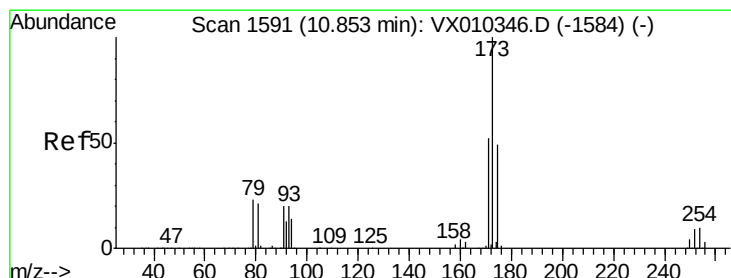
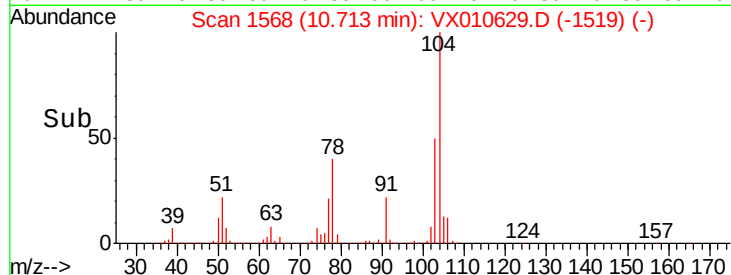
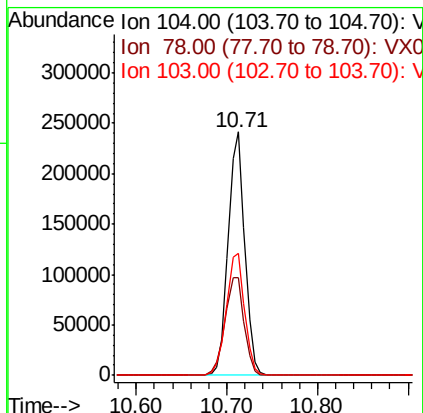
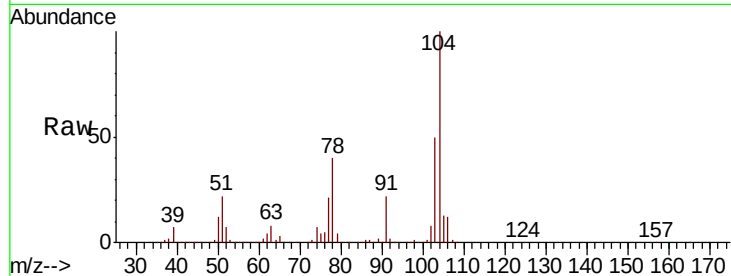




#70
Stvrene
Concen: 47.281 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX010629.D
Acq: 02 Jul 2019 19:54

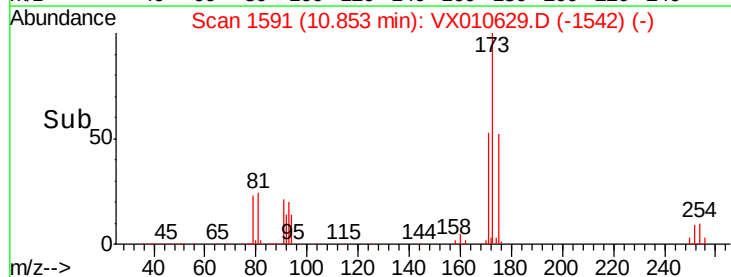
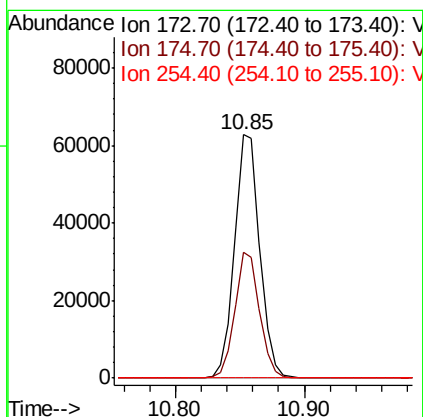
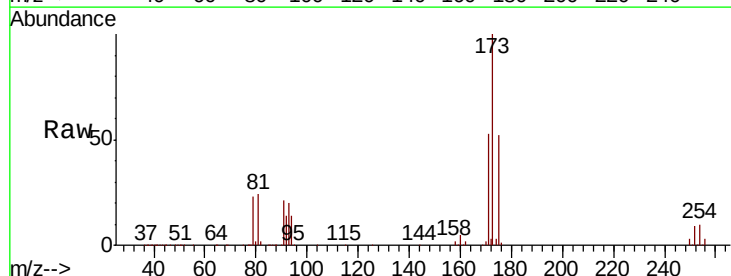
Instrument :
MSVOA_X
ClientSampleId :
MWHR2-6-070119MS

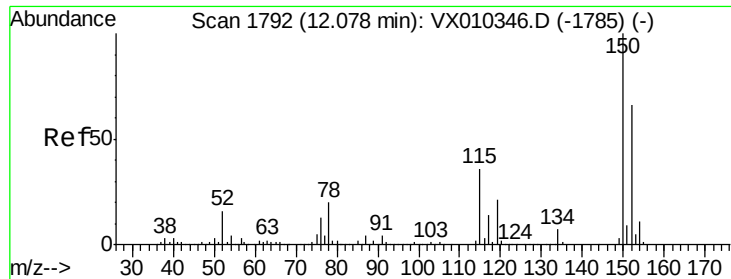
Tot Ion:104 Resp: 307381
Ion Ratio Lower Upper
104 100
78 46.6 36.2 54.2
103 55.6 44.2 66.4



#71
Bromoform
Concen: 44.817 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX010629.D
Acq: 02 Jul 2019 19:54

Tgt Ion:173 Resp: 85549
Ion Ratio Lower Upper
173 100
175 50.6 24.1 72.3
254 0.2 0.2 0.2



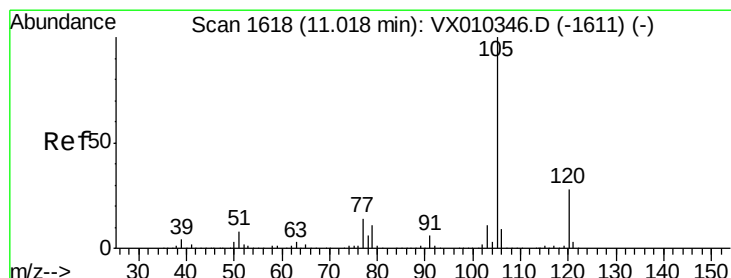
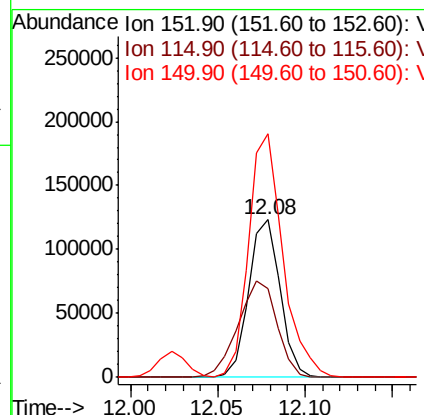
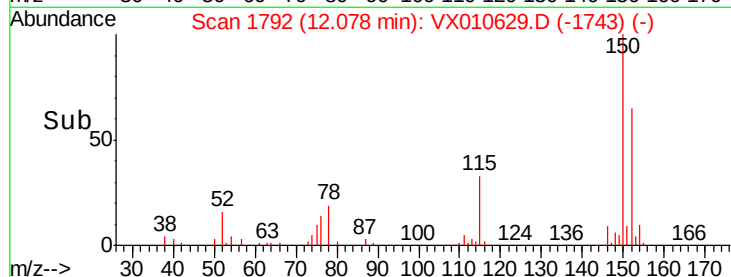
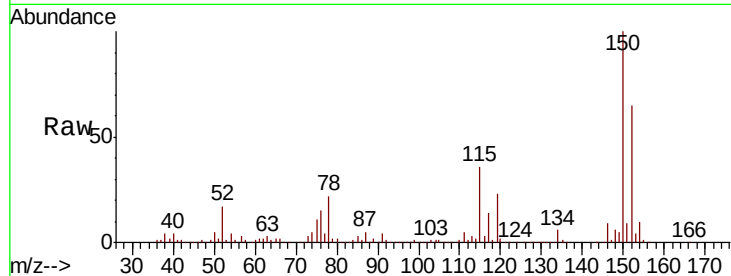


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010629.D
Acq: 02 Jul 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :
MWHR2-6-070119MS

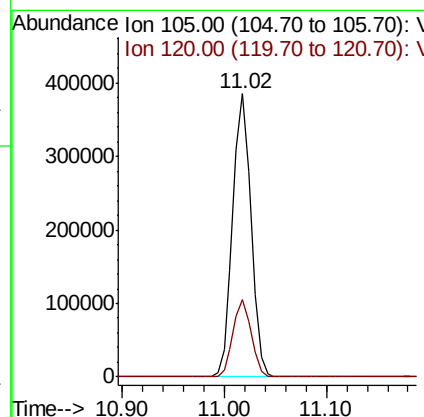
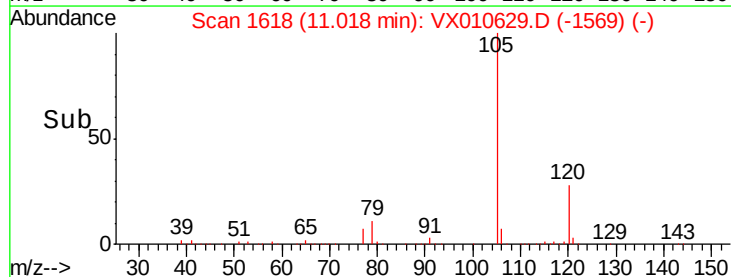
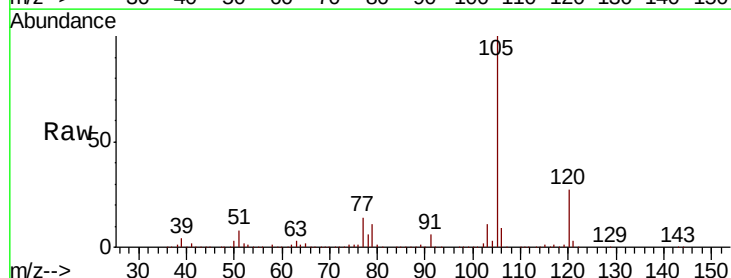
Tot Ion:152 Resp: 153297
Ion Ratio Lower Upper
152 100
115 75.6 38.6 115.7
150 168.7 0.0 347.4

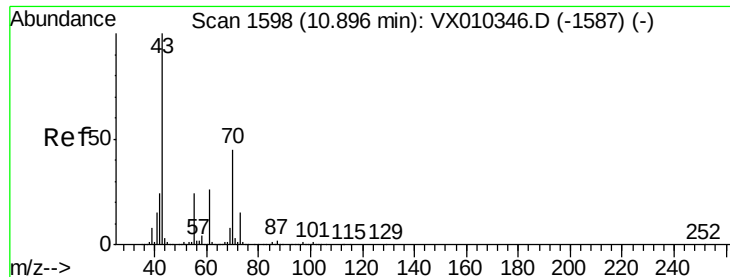


#73

Isopropylbenzene
Concen: 46.135 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX010629.D
Acq: 02 Jul 2019 19:54

Tgt Ion:105 Resp: 479416
Ion Ratio Lower Upper
105 100
120 27.2 14.1 42.4





#74

N-amvl acetate

Concen: 44.580 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010629.D

Acq: 02 Jul 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

MWHR2-6-070119MS

Tot Ion: 43 Resp: 175076

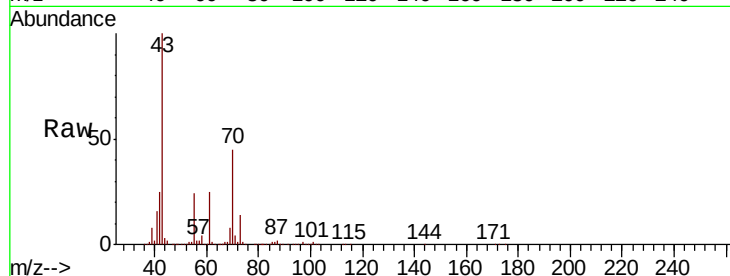
Ion Ratio Lower Upper

43 100

70 44.6 36.6 54.8

55 24.1 18.7 28.1

61 24.9 20.6 31.0

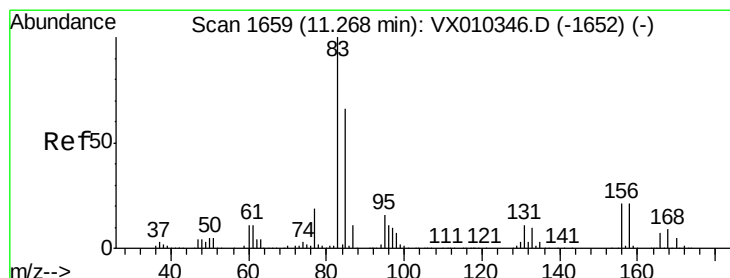
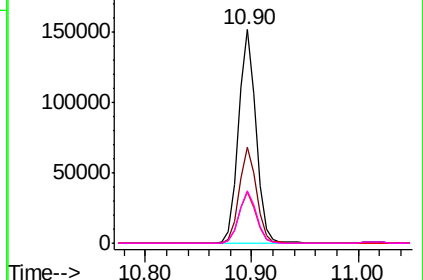
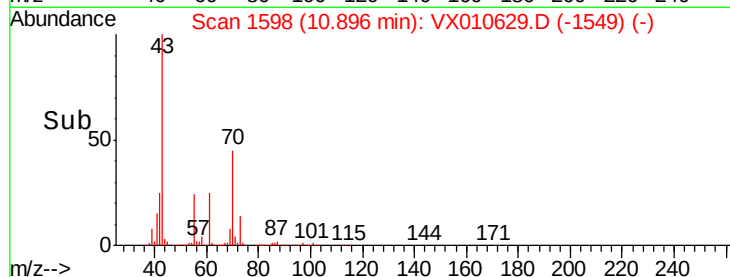


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 48.647 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010629.D

Acq: 02 Jul 2019 19:54

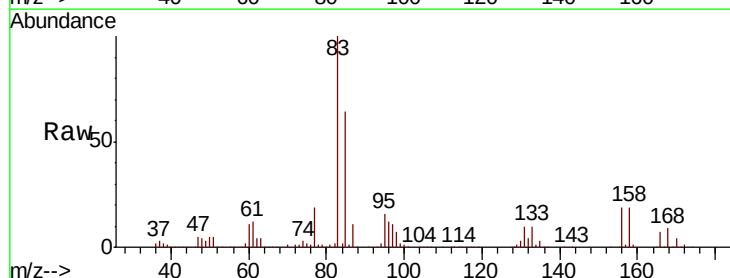
Tgt Ion: 83 Resp: 167417

Ion Ratio Lower Upper

83 100

131 10.9 5.5 16.4

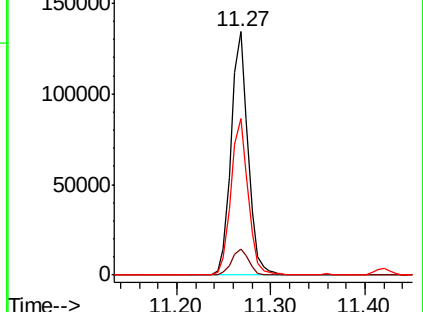
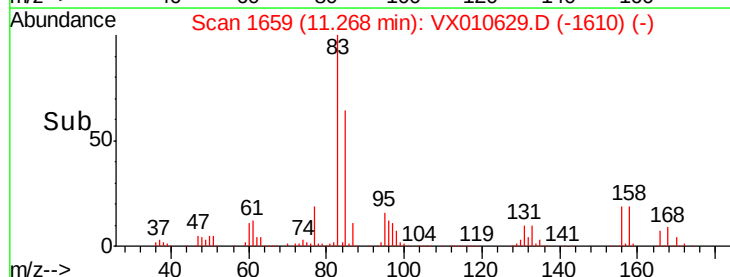
85 65.2 32.3 96.8

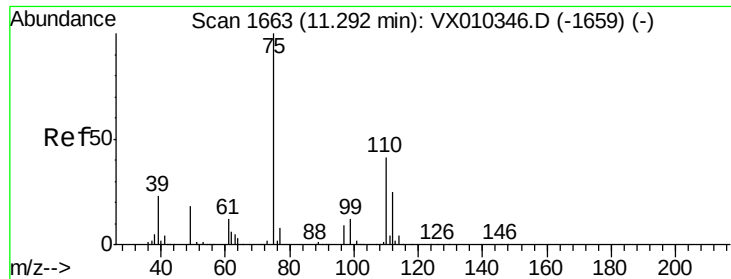


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 63.202 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX010629.D

Acq: 02 Jul 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

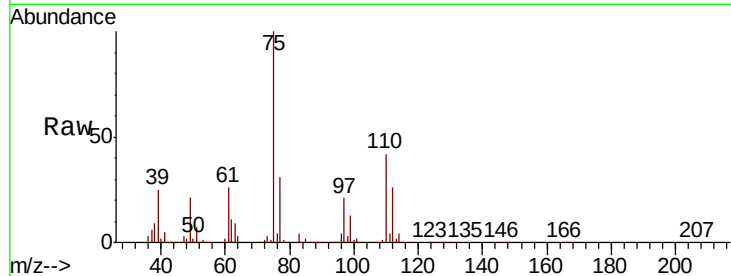
MWHR2-6-070119MS

Tot Ion: 75 Resp: 176554

Ion Ratio Lower Upper

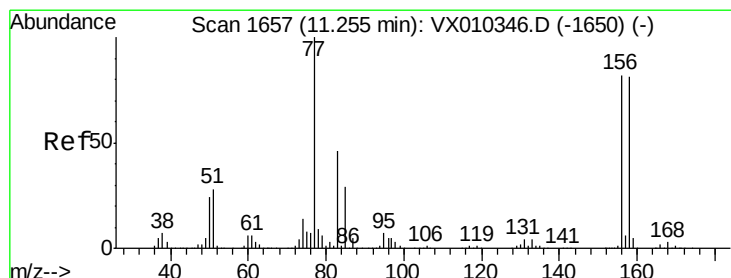
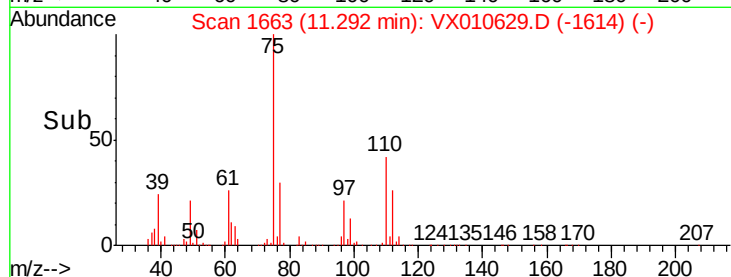
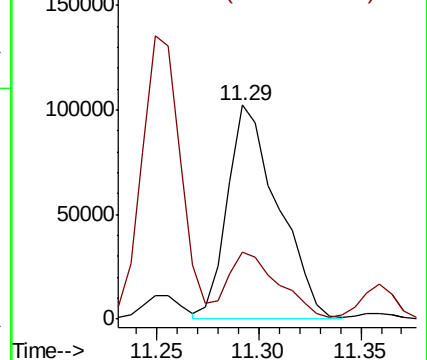
75 100

77 31.9 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#77

Bromobenzene

Concen: 45.240 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX010629.D

Acq: 02 Jul 2019 19:54

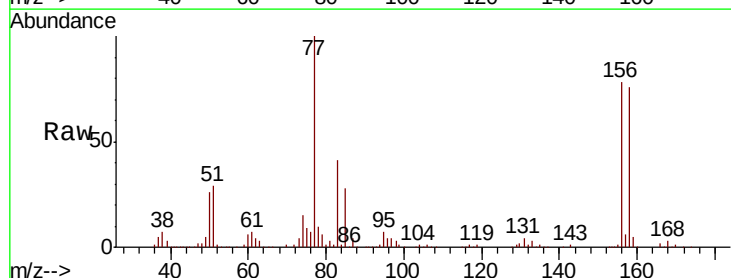
Tgt Ion: 156 Resp: 131270

Ion Ratio Lower Upper

156 100

77 135.6 66.3 198.7

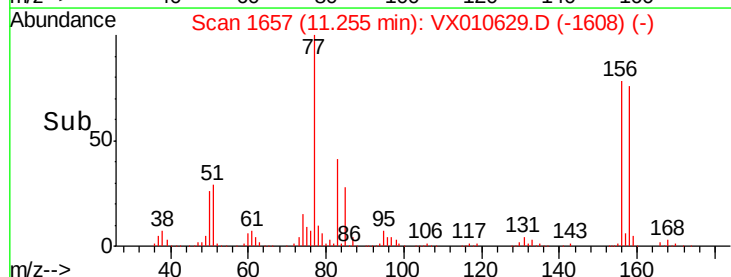
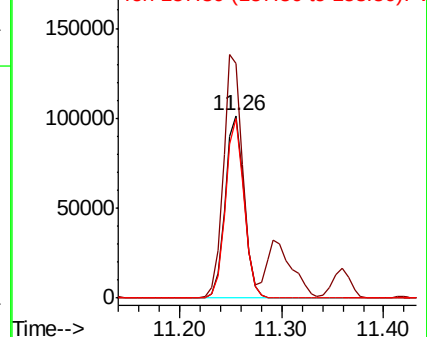
158 96.6 48.9 146.7

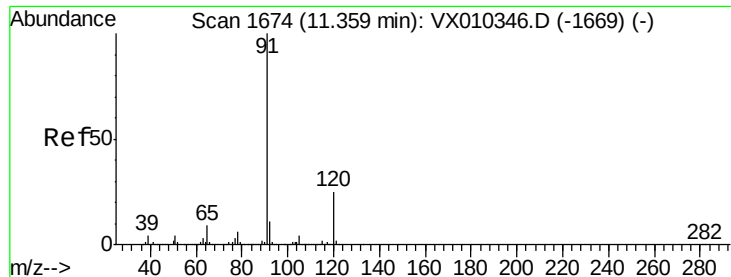


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 46.284 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010629.D

Acq: 02 Jul 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

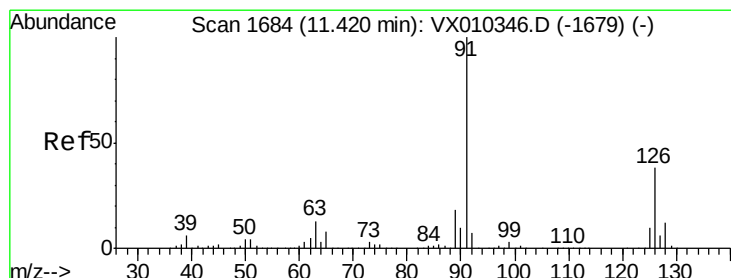
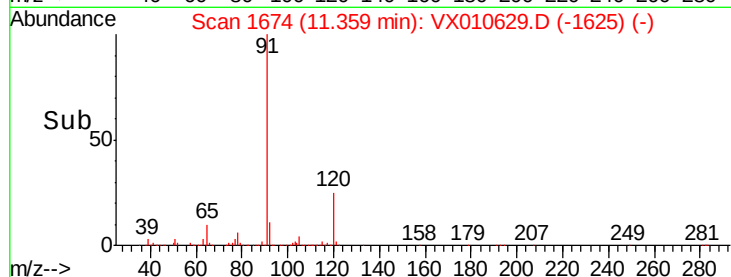
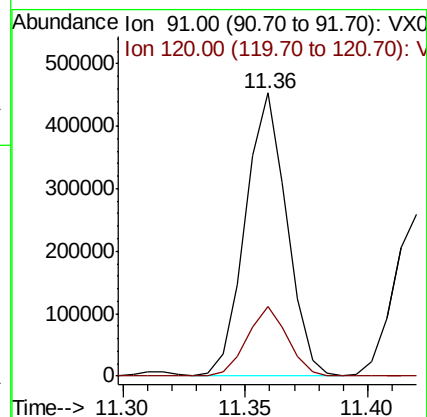
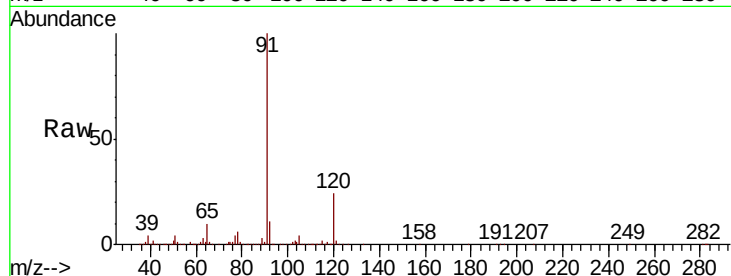
MWHR2-6-070119MS

Tot Ion: 91 Resp: 528607

Ion Ratio Lower Upper

91 100

120 24.2 12.4 37.4



#79

2-Chlorotoluene

Concen: 45.969 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010629.D

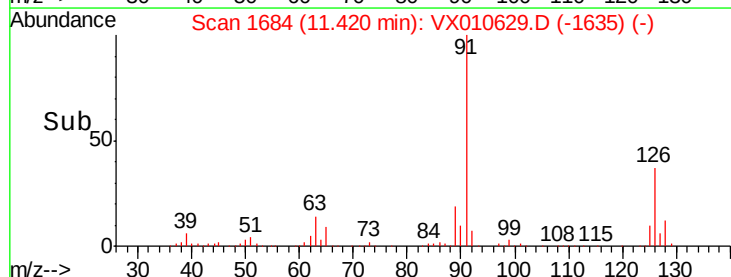
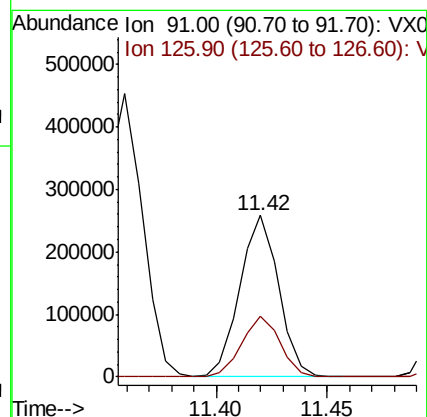
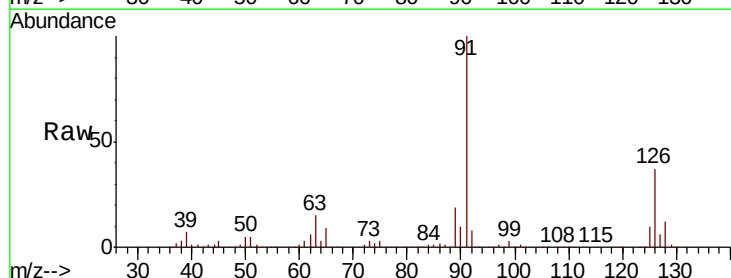
Acq: 02 Jul 2019 19:54

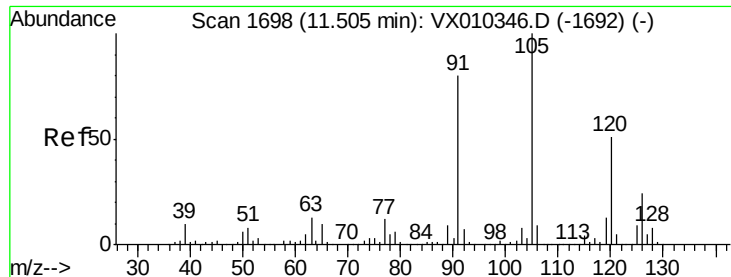
Tgt Ion: 91 Resp: 312630

Ion Ratio Lower Upper

91 100

126 37.3 18.7 56.1

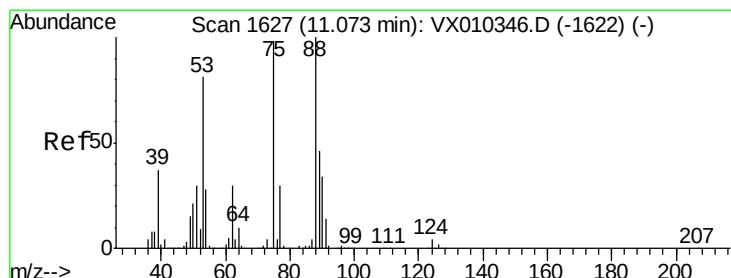
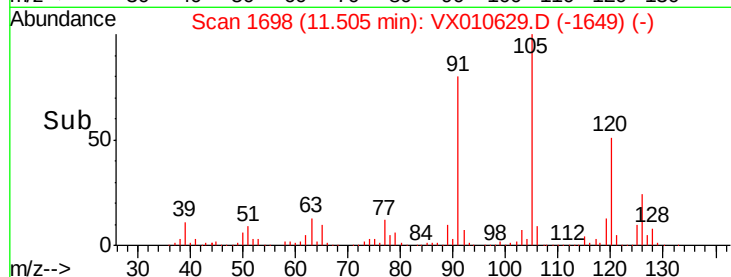
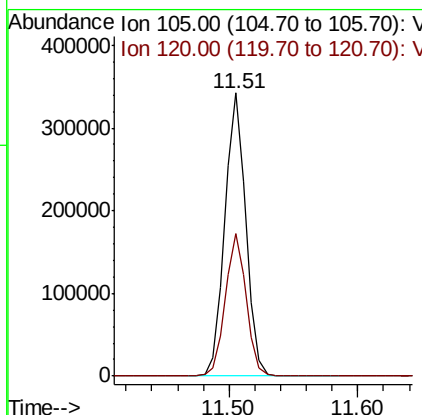
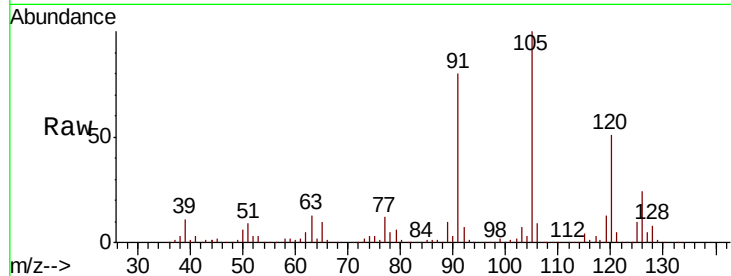




#80
 1,3,5-Trimethylbenzene
 Concen: 45.989 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX010629.D
 Acq: 02 Jul 2019 19:54

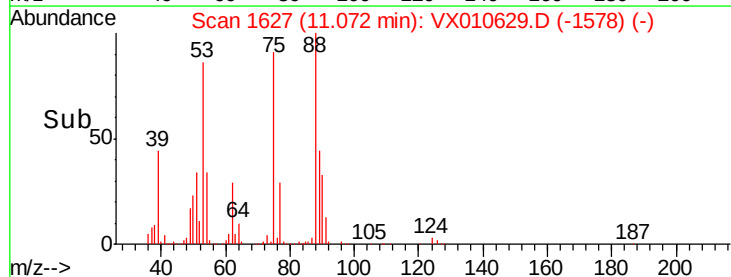
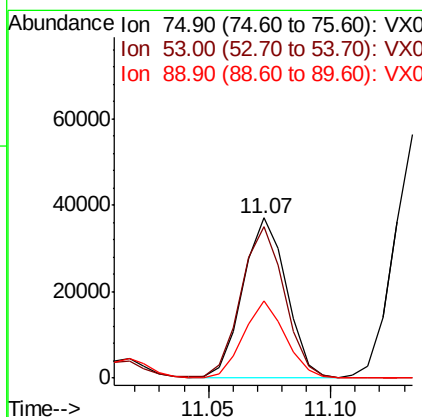
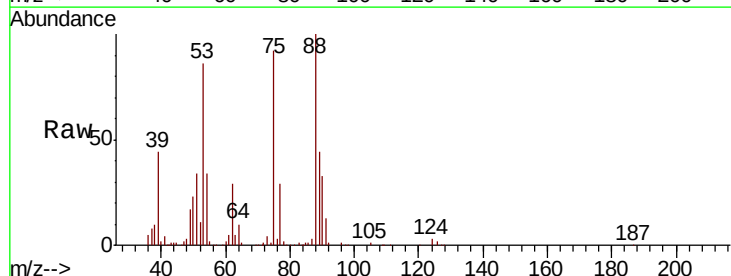
Instrument :
 MSVOA_X
 ClientSampleId :
 MWHR2-6-070119MS

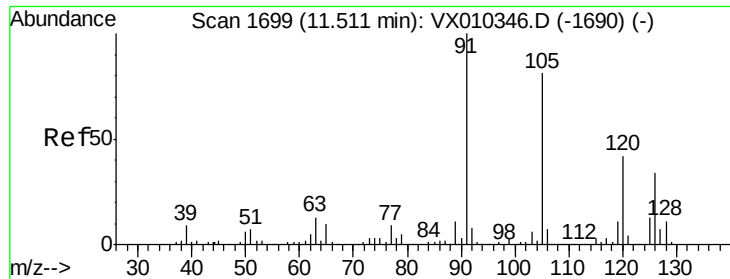
Tot Ion:105 Resp: 393972
 Ion Ratio Lower Upper
 105 100
 120 50.1 25.2 75.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 38.256 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VX010629.D
 Acq: 02 Jul 2019 19:54

Tgt Ion: 75 Resp: 45809
 Ion Ratio Lower Upper
 75 100
 53 94.8 66.1 99.1
 89 46.9 37.8 56.6

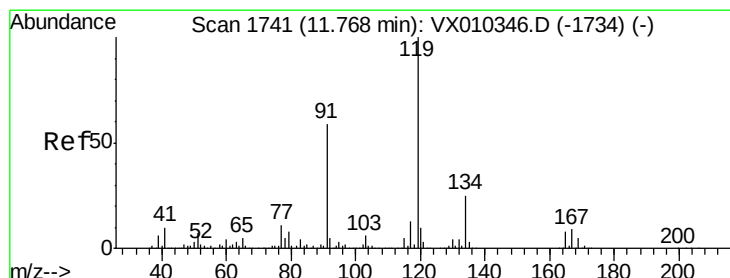
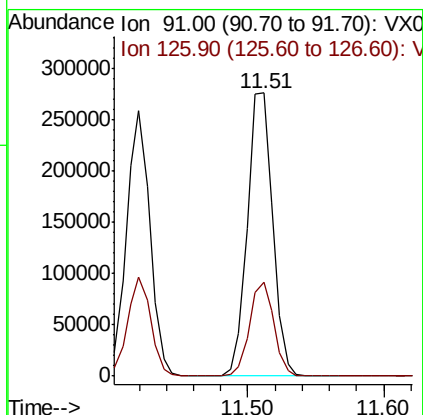
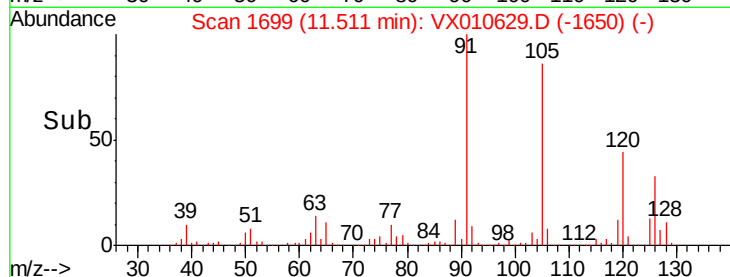
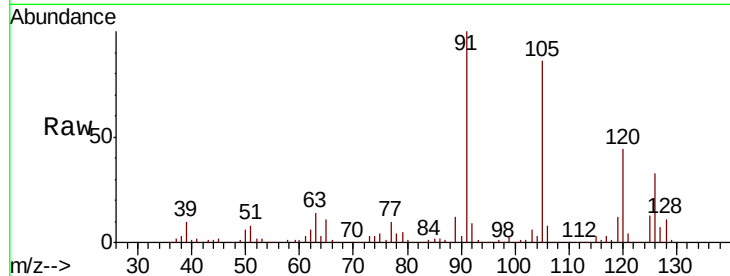




#82
4-Chlorotoluene
Concen: 46.597 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX010629.D
Acq: 02 Jul 2019 19:54

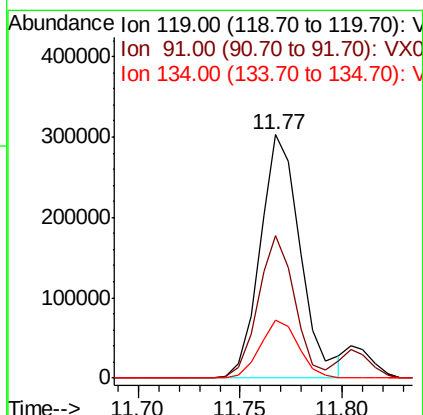
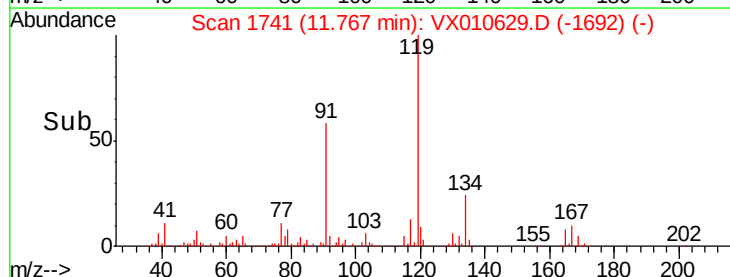
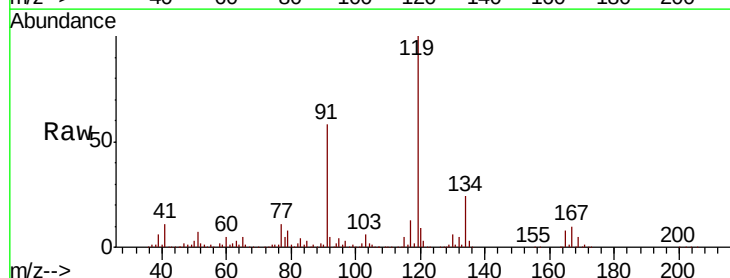
Instrument :
MSVOA_X
ClientSampleId :
MWHR2-6-070119MS

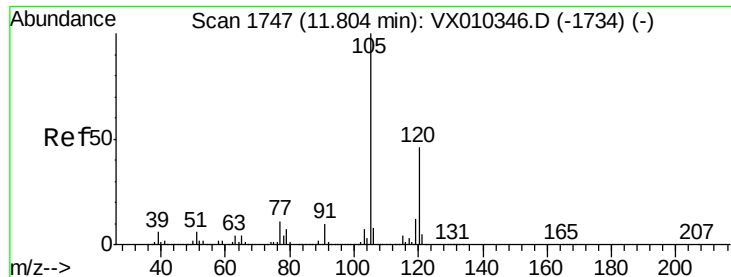
Tot Ion: 91 Resp: 360594
Ion Ratio Lower Upper
91 100
126 31.9 16.2 48.6



#83
tert-Butylbenzene
Concen: 48.314 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX010629.D
Acq: 02 Jul 2019 19:54

Tgt Ion: 119 Resp: 415411
Ion Ratio Lower Upper
119 100
91 53.2 27.6 82.7
134 22.8 11.8 35.4

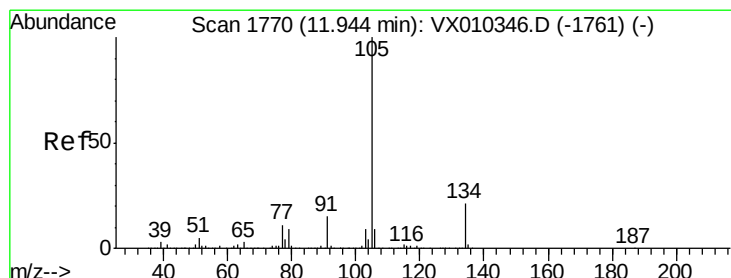
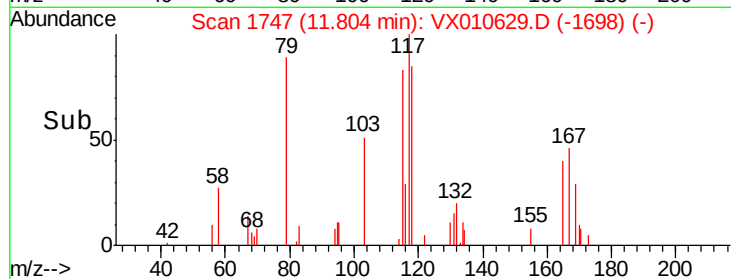
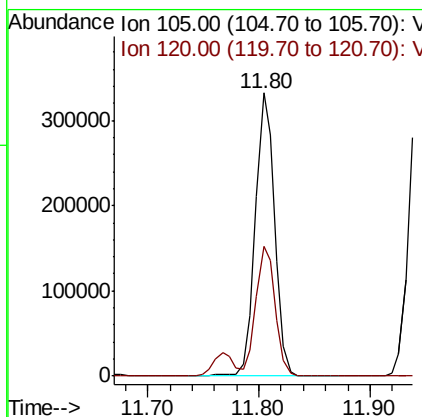
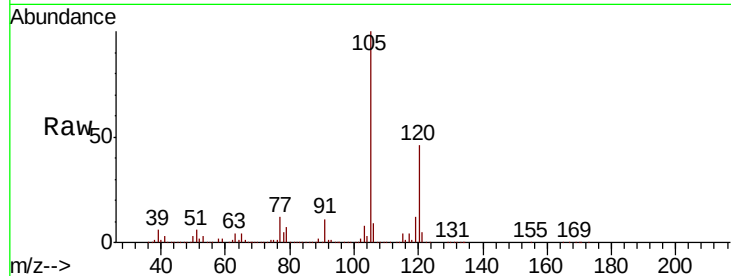




#84
 1,2,4-Trimethylbenzene
 Concen: 46.533 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX010629.D
 Acq: 02 Jul 2019 19:54

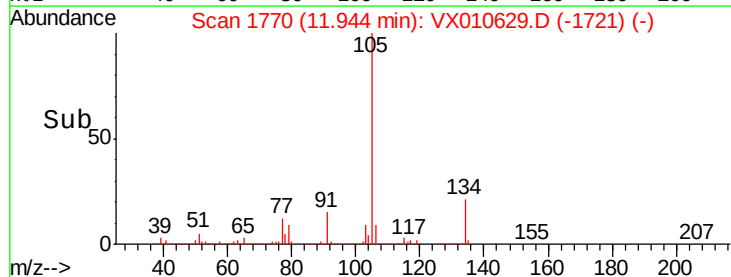
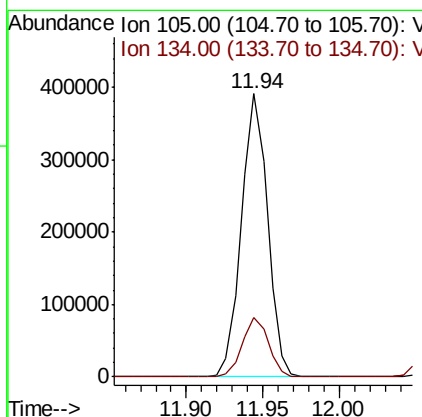
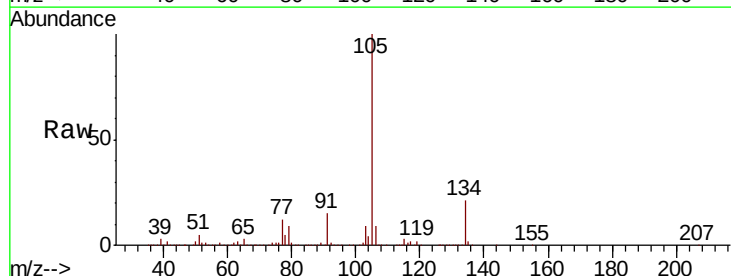
Instrument :
 MSVOA_X
 ClientSampleId :
 MWHR2-6-070119MS

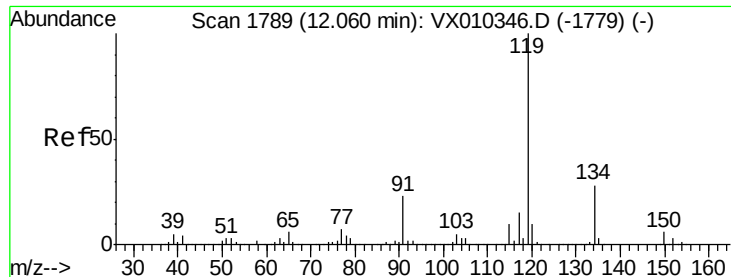
Tot Ion:105 Resp: 400500
 Ion Ratio Lower Upper
 105 100
 120 45.7 23.1 69.2



#85
 sec-Butylbenzene
 Concen: 45.940 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX010629.D
 Acq: 02 Jul 2019 19:54

Tgt Ion:105 Resp: 463790
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.7 31.9





#86

p-Isopropyltoluene

Concen: 46.238 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010629.D

Acq: 02 Jul 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

MWHR2-6-070119MS

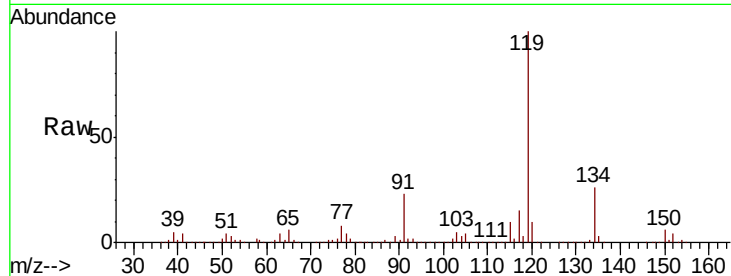
Tot Ion:119 Resp: 431775

Ion Ratio Lower Upper

119 100

134 26.8 13.7 41.1

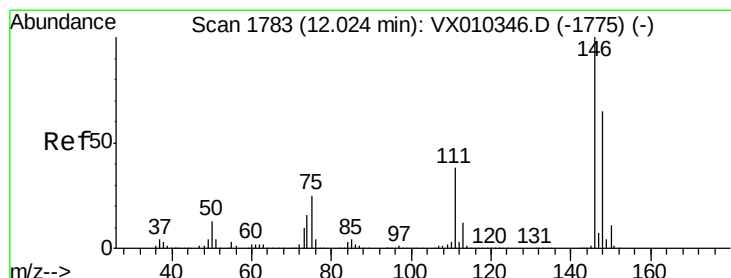
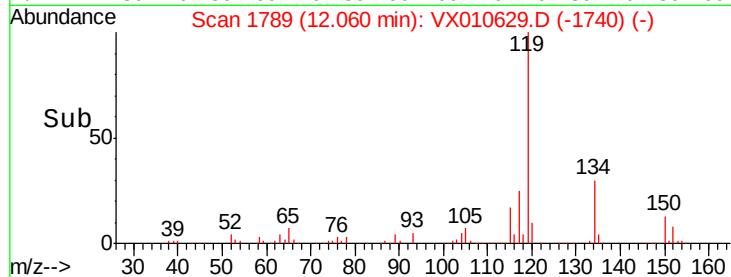
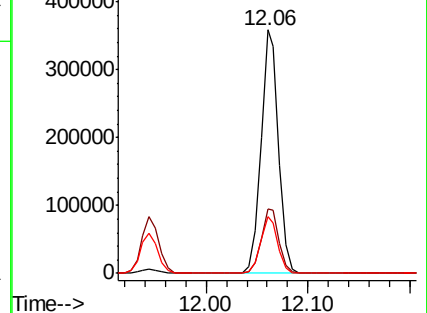
91 22.8 11.3 33.8



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



#87

1,3-Dichlorobenzene

Concen: 44.953 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX010629.D

Acq: 02 Jul 2019 19:54

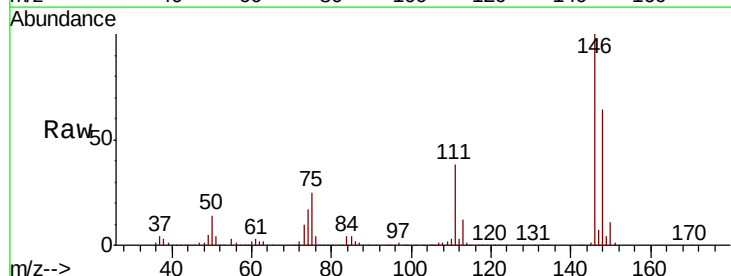
Tgt Ion:146 Resp: 227687

Ion Ratio Lower Upper

146 100

111 37.8 19.1 57.1

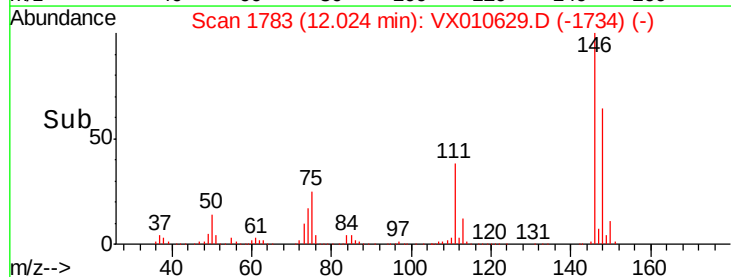
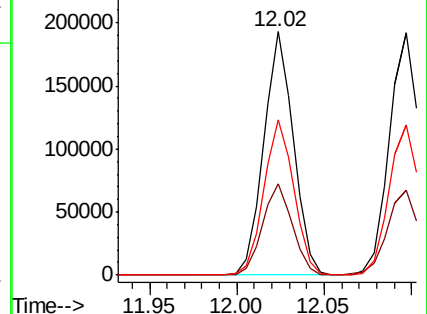
148 64.2 32.5 97.4

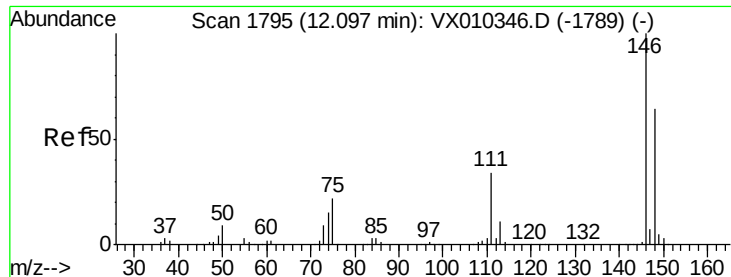


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

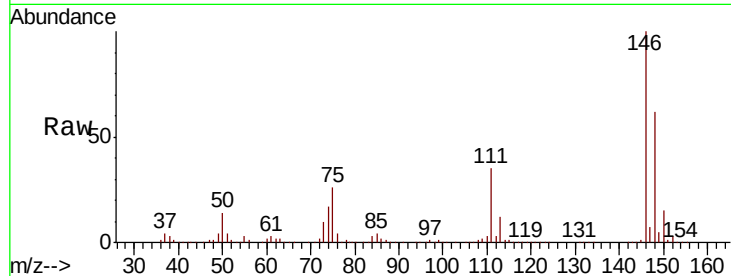




#88
 1,4-Dichlorobenzene
 Concen: 44.473 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010629.D
 Acq: 02 Jul 2019 19:54

Instrument :
 MSVOA_X
 ClientSampleId :
 MWHR2-6-070119MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.1	54.3
148	63.2	32.1	96.3

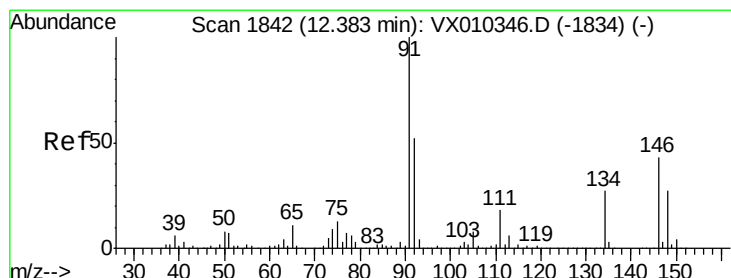
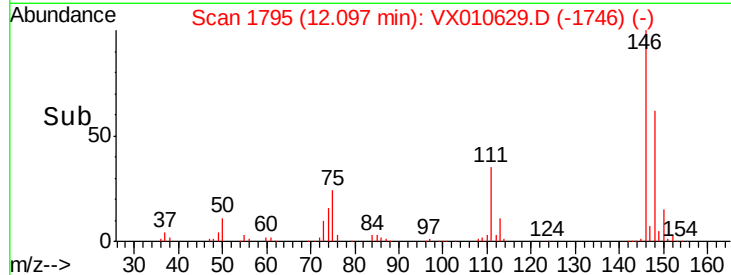
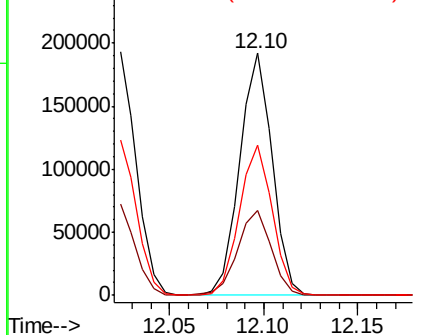


Abundance

Ion 145.90 (145.60 to 146.60): V

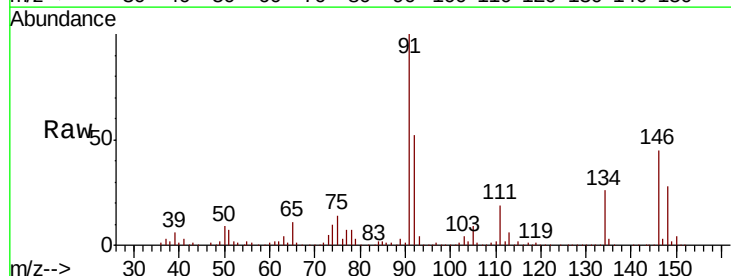
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89
 n-Butylbenzene
 Concen: 45.848 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX010629.D
 Acq: 02 Jul 2019 19:54

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.9	26.2	78.5
134	27.4	14.1	42.4

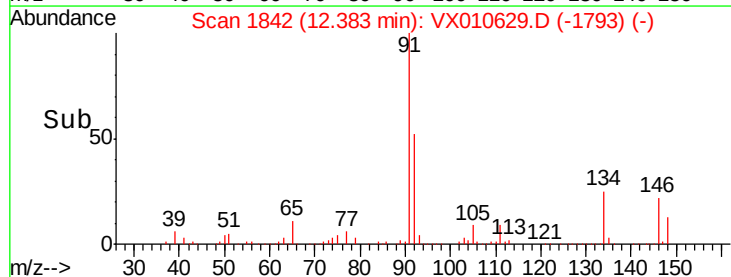
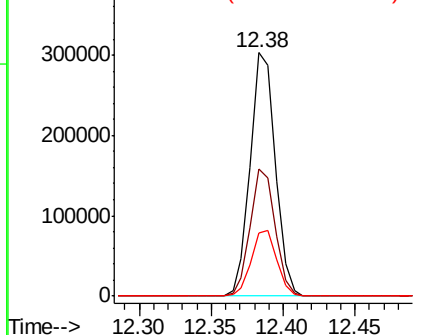


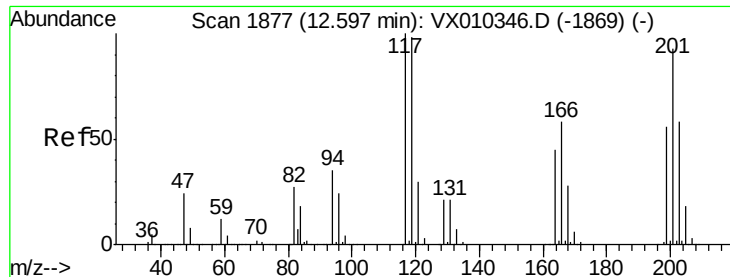
Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 43.750 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX010629.D

Acq: 02 Jul 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

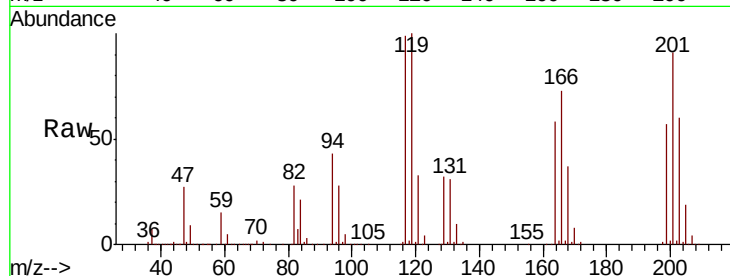
MWHR2-6-070119MS

Tot Ion:117 Resp: 70641

Ion Ratio Lower Upper

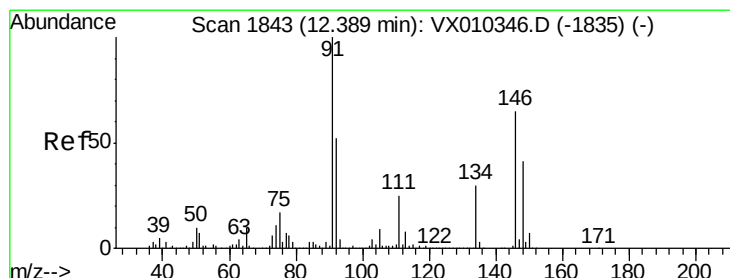
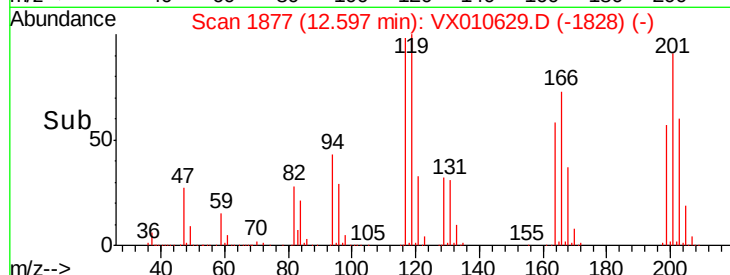
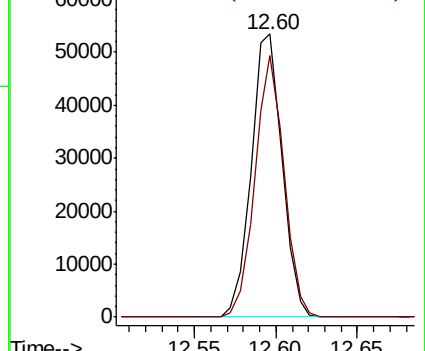
117 100

201 86.8 44.0 131.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 45.276 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX010629.D

Acq: 02 Jul 2019 19:54

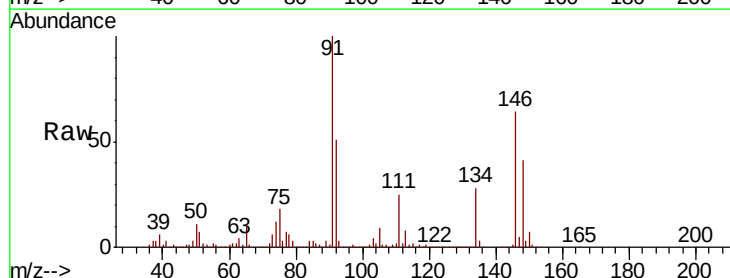
Tgt Ion:146 Resp: 227917

Ion Ratio Lower Upper

146 100

111 38.9 19.2 57.6

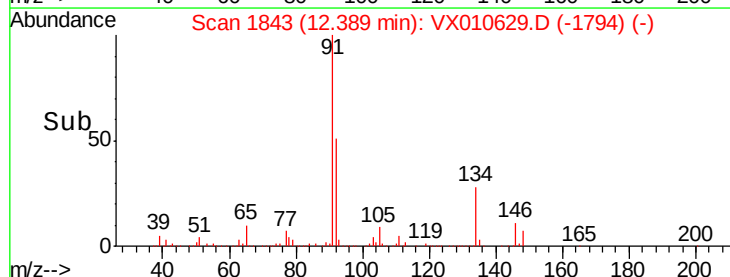
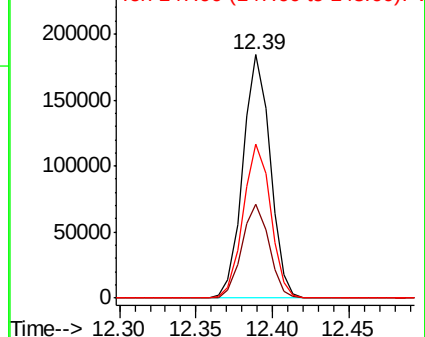
148 64.0 32.0 96.0

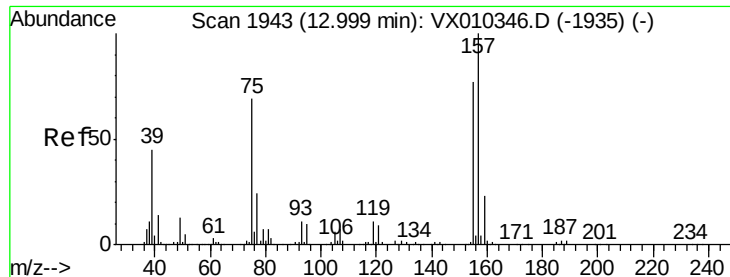


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 45.734 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX010629.D

Acq: 02 Jul 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

MWHR2-6-070119MS

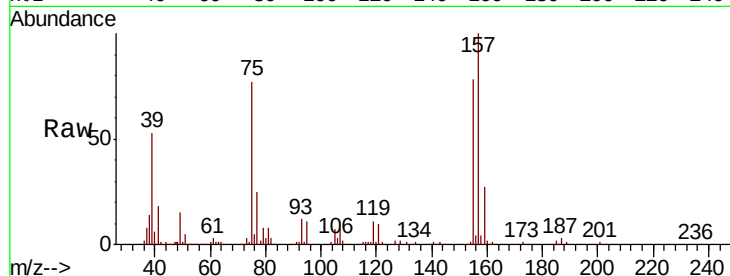
Tot Ion: 75 Resp: 33934

Ion Ratio Lower Upper

75 100

155 99.3 54.4 163.1

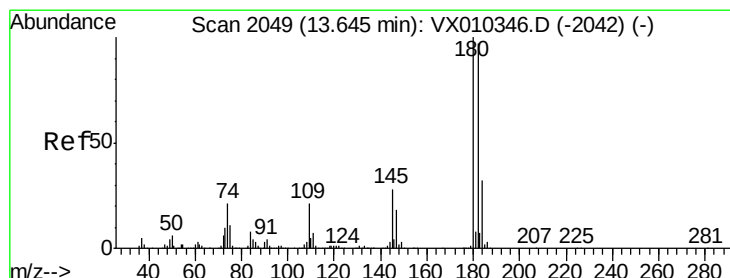
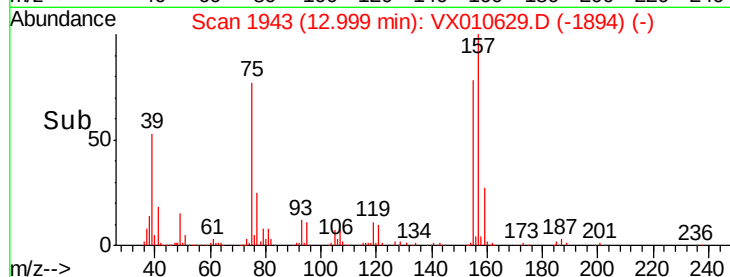
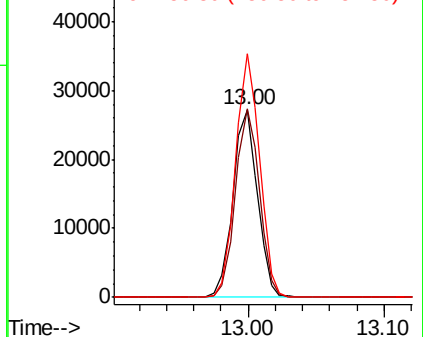
157 127.9 69.5 208.3



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



#93

1,2,4-Trichlorobenzene

Concen: 44.625 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX010629.D

Acq: 02 Jul 2019 19:54

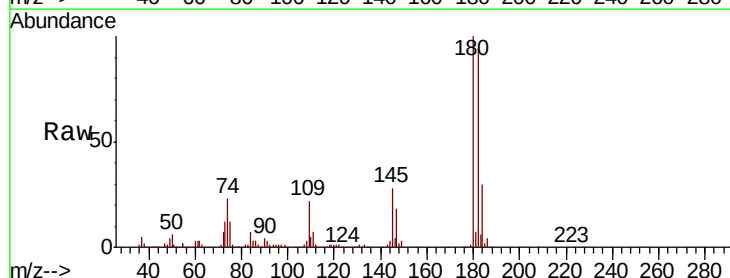
Tgt Ion:180 Resp: 155785

Ion Ratio Lower Upper

180 100

182 95.0 48.0 144.0

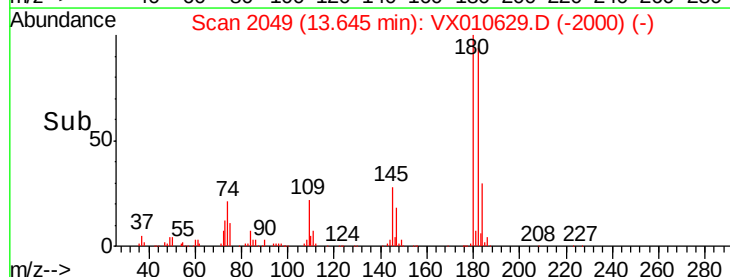
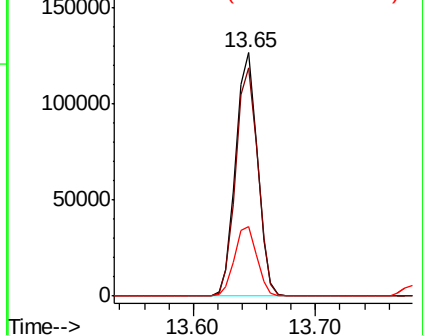
145 29.4 14.4 43.4

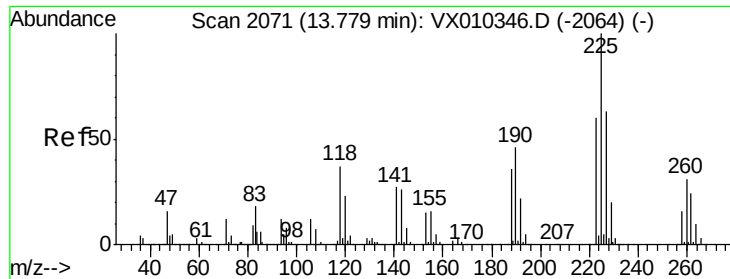


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

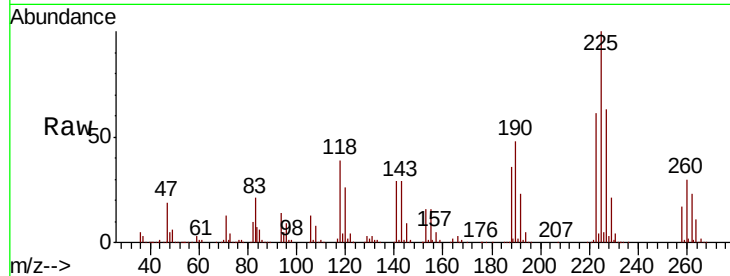




#94
Hexachlorobutadiene
Concen: 42.972 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.00 min
Lab File: VX010629.D
Acq: 02 Jul 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :
MWHHR2-6-070119MS

Tot Ion	Ratio	Lower	Upper
225	100		
223	62.2	30.9	92.7
227	64.7	31.9	95.5

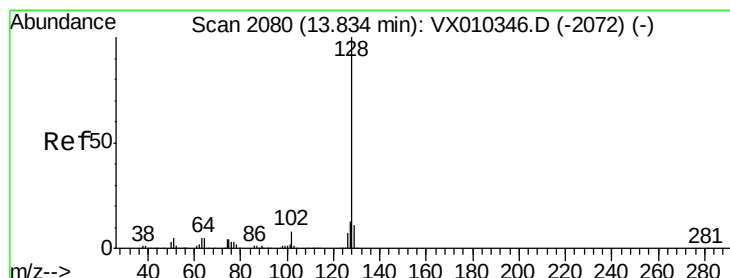
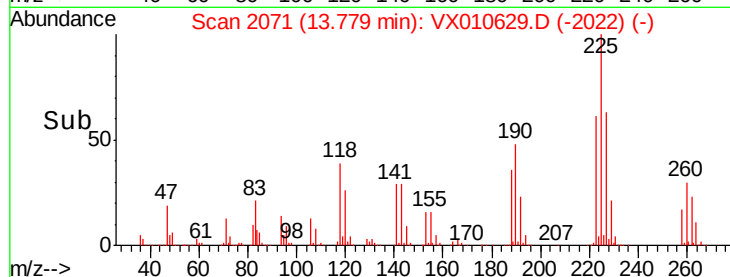
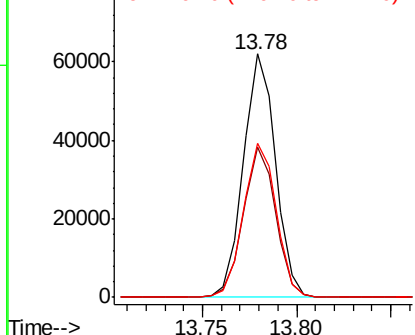


Abundance

Ion 224.70 (224.40 to 225.40): V

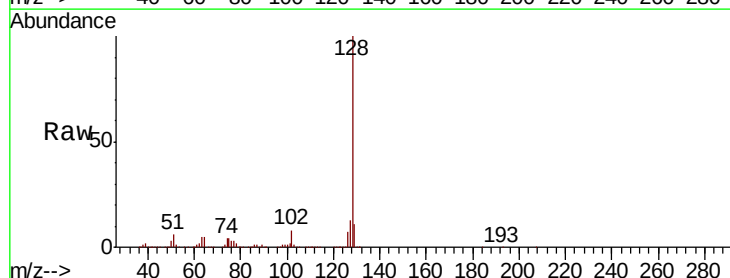
Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95
Naphthalene
Concen: 46.290 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX010629.D
Acq: 02 Jul 2019 19:54

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.4
129	11.1	8.9	13.3

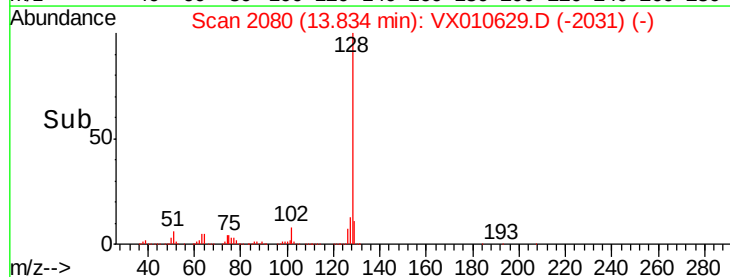
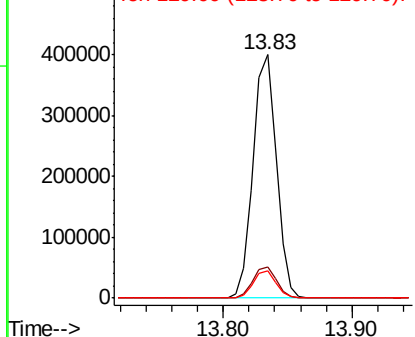


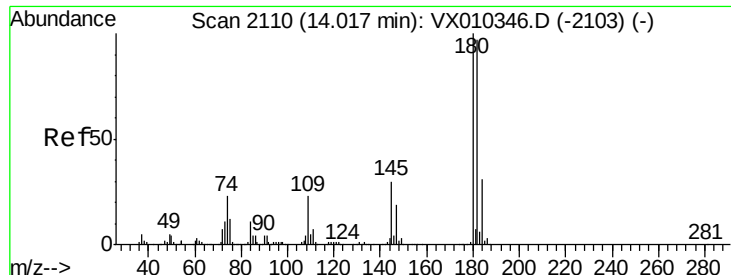
Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 45.193 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX010629.D
 Acq: 02 Jul 2019 19:54

Instrument :
 MSVOA_X
 ClientSampleId :
 MWHR2-6-070119MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.8	143.3
145	31.3	15.2	45.6

