

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070819\
 Data File : VX010734.D
 Acq On : 09 Jul 2019 07:00
 Operator : JC/SP
 Sample : K3691-09MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW359-190705MS

Quant Time: Jul 09 07:27:10 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	5.67	168	205583	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	317358	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	291948	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	154461	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	100256	52.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.02%	
35) Dibromofluoromethane	5.49	113	96607	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
50) Toluene-d8	8.71	98	354776	47.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.52%	
62) 4-Bromofluorobenzene	11.13	95	132602	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	86033	60.194	ug/l	100
3) Chloromethane	1.32	50	92608	55.644	ug/l	97
4) Vinyl Chloride	1.41	62	224922	123.386	ug/l	98
5) Bromomethane	1.64	94	46690	52.574	ug/l	98
6) Chloroethane	1.71	64	61722	57.390	ug/l	97
7) Trichlorofluoromethane	1.93	101	167636	58.011	ug/l	99
8) Diethyl Ether	2.19	74	59126	57.055	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	93917	53.630	ug/l	99
10) Methyl Iodide	2.51	142	103688	41.488	ug/l	98
11) Tert butyl alcohol	3.05	59	121165	240.228	ug/l	99
12) 1,1-Dichloroethene	2.37	96	96720	54.278	ug/l	97
13) Acrolein	2.29	56	72919	217.935	ug/l	100
14) Allyl chloride	2.73	41	130993	51.779	ug/l	98
15) Acrylonitrile	3.14	53	281971	282.364	ug/l	100
16) Acetone	2.45	43	229007	237.061	ug/l	98
17) Carbon Disulfide	2.57	76	237460	49.670	ug/l	100
18) Methyl Acetate	2.78	43	107989	56.088	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	310985	55.475	ug/l	97
20) Methylene Chloride	2.85	84	109752	55.206	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	102947	53.716	ug/l	96
22) Diisopropyl ether	3.85	45	296888	56.129	ug/l	97
23) Vinyl Acetate	3.82	43	1321056	289.107	ug/l	99
24) 1,1-Dichloroethane	3.70	63	185570	60.695	ug/l	100
25) 2-Butanone	4.67	43	377811	266.620	ug/l	100
26) 2,2-Dichloropropane	4.59	77	75777	28.531	ug/l	89
27) cis-1,2-Dichloroethene	4.60	96	185141	83.597	ug/l	95
28) Bromochloromethane	5.02	49	74090	50.684	ug/l	94
29) Tetrahydrofuran	5.13	42	244046	278.044	ug/l	100
30) Chloroform	5.21	83	180905	54.992	ug/l	99
31) Cyclohexane	5.58	56	152529	54.783	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	156820	53.988	ug/l	99
36) 1,1-Dichloropropene	5.80	75	129688	51.425	ug/l	99
37) Ethyl Acetate	4.84	43	144731	55.785	ug/l	99
38) Carbon Tetrachloride	5.79	117	137877	50.488	ug/l	97

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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	165349	49.880	ug/l	100
40) Benzene	6.14	78	455633	57.991	ug/l	98
41) Methacrylonitrile	5.04	41	77252	54.268	ug/l	100
42) 1,2-Dichloroethane	6.19	62	139599	58.369	ug/l	99
43) Isopropyl Acetate	6.45	43	231674	53.973	ug/l	98
44) Trichloroethene	7.21	130	120142	51.103	ug/l	99
45) 1,2-Dichloropropane	7.51	63	104228	52.532	ug/l	98
46) Dibromomethane	7.66	93	76046	53.420	ug/l	96
47) Bromodichloromethane	7.90	83	134311	51.484	ug/l	99
48) Methyl methacrylate	7.77	41	109757	55.011	ug/l	99
49) 1,4-Dioxane	7.74	88	54919	955.509	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	775738	282.572	ug/l	98
52) Toluene	8.78	92	270431	52.267	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	133651	45.695	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	151181	47.564	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	111781	52.384	ug/l	99
56) Ethyl methacrylate	9.18	69	175168	54.189	ug/l	97
57) 1,3-Dichloropropane	9.37	76	177168	53.486	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	354741	231.067	ug/l	99
59) 2-Hexanone	9.49	43	599699	277.557	ug/l	99
60) Dibromochloromethane	9.58	129	120530	50.447	ug/l	100
61) 1,2-Dibromoethane	9.67	107	122125	53.022	ug/l	100
64) Tetrachloroethene	9.34	164	109158	46.227	ug/l	98
65) Chlorobenzene	10.14	112	1125553	189.899	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	112541	52.127	ug/l	99
67) Ethyl Benzene	10.25	91	524083	52.376	ug/l	100
68) m/p-Xylenes	10.36	106	400246	103.231	ug/l	97
69) o-Xylene	10.69	106	200942	52.701	ug/l	99
70) Styrene	10.71	104	342865	53.621	ug/l	99
71) Bromoform	10.85	173	91119	48.533	ug/l #	99
73) Isopropylbenzene	11.02	105	527041	50.336	ug/l	98
74) N-amyl acetate	10.90	43	219738	55.531	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	180466	52.044	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	188152	66.847	ug/l	81
77) Bromobenzene	11.26	156	145511	49.770	ug/l	99
78) n-propylbenzene	11.36	91	586689	50.983	ug/l	100
79) 2-Chlorotoluene	11.42	91	345483	50.417	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	445509	51.613	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	43936	36.415	ug/l	91
82) 4-Chlorotoluene	11.51	91	404505	51.877	ug/l	100
83) tert-Butylbenzene	11.77	119	439896	50.776	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	449945	51.884	ug/l	100
85) sec-Butylbenzene	11.94	105	517549	50.879	ug/l	100
86) p-Isopropyltoluene	12.06	119	476706	50.665	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	274853	53.856	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	292131	56.227	ug/l	99
89) n-Butylbenzene	12.38	91	400978	50.152	ug/l	100
90) Hexachloroethane	12.60	117	76757	47.179	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	292161	57.600	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	37550	50.226	ug/l	92

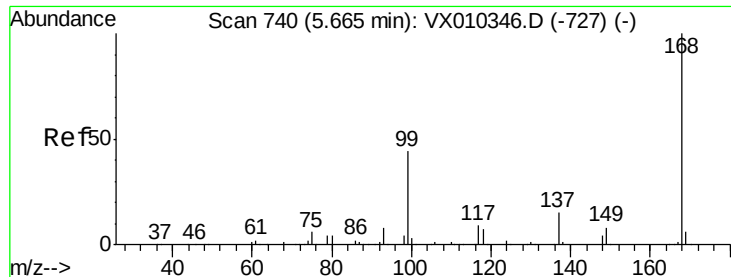
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Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	174254	49.539	ug/l	99
94) Hexachlorobutadiene	13.78	225	80914	47.067	ug/l	99
95) Naphthalene	13.83	128	559639	51.773	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	178882	51.149	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010734.D

Acq: 09 Jul 2019 07:00

Instrument :

MSVOA_X

ClientSampleId :

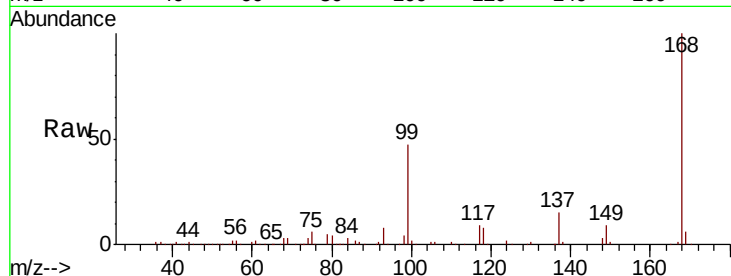
WP022MW359-190705MS

Tot Ion:168 Resp: 205583

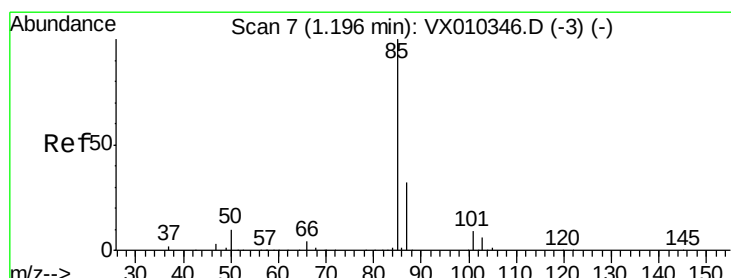
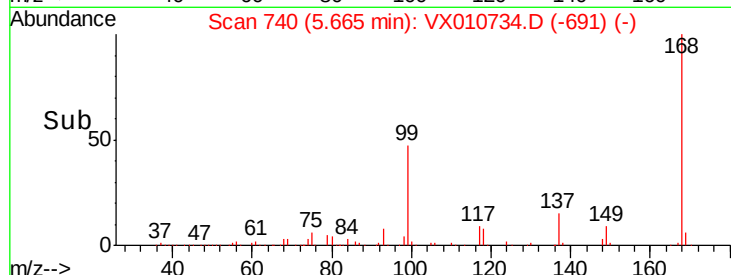
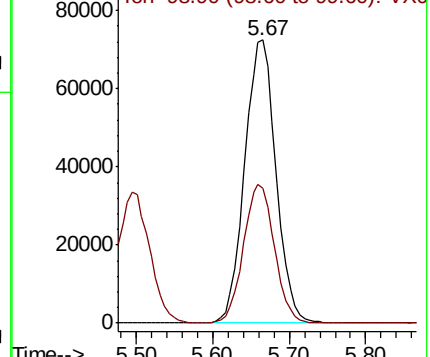
Ion Ratio Lower Upper

168 100

99 47.4 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): VX010734.D (-727) (-)



#2

Dichlorodifluoromethane

Concen: 60.194 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010734.D

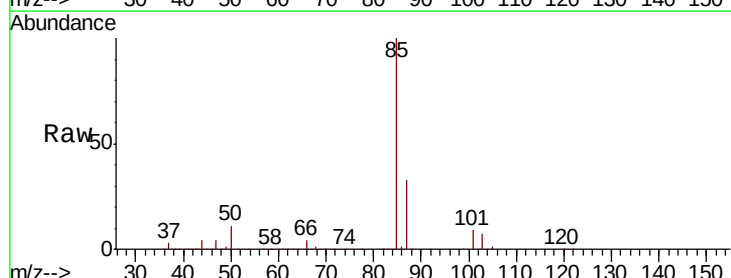
Acq: 09 Jul 2019 07:00

Tgt Ion: 85 Resp: 86033

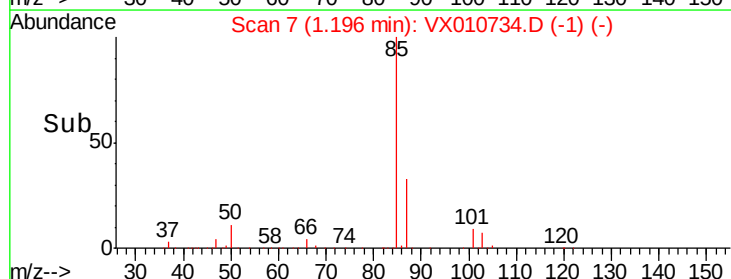
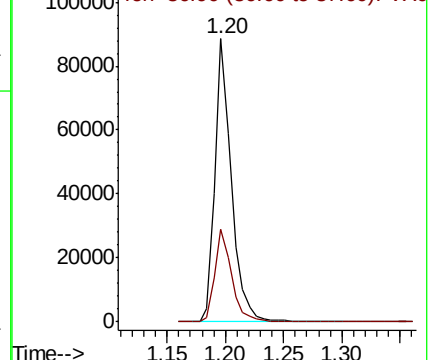
Ion Ratio Lower Upper

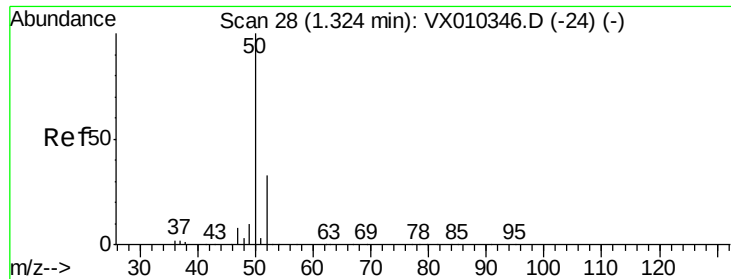
85 100

87 32.7 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX010734.D (-3) (-)





#3

Chloromethane

Concen: 55.644 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010734.D

Acq: 09 Jul 2019 07:00

Instrument :

MSVOA_X

ClientSampleId :

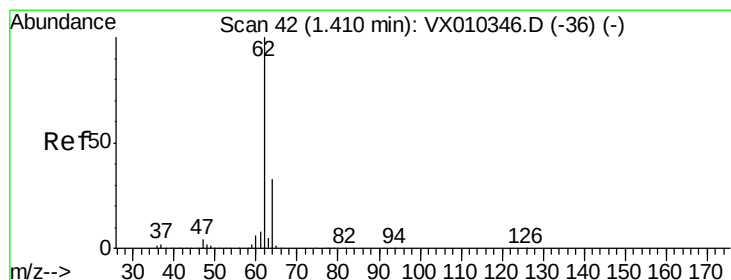
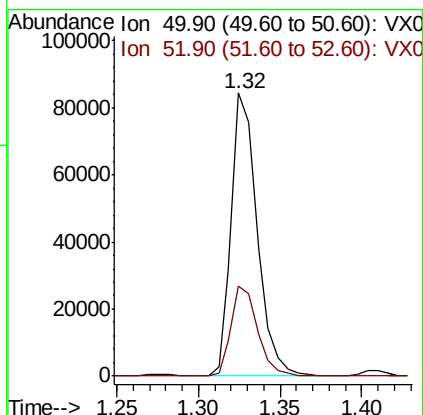
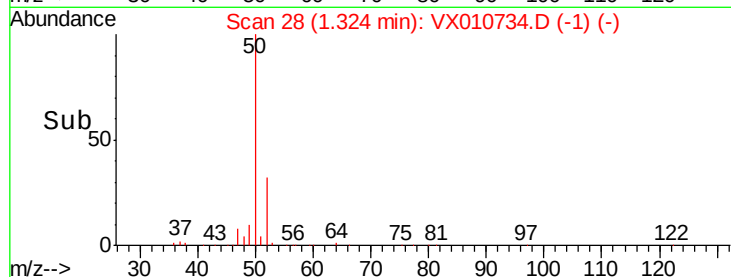
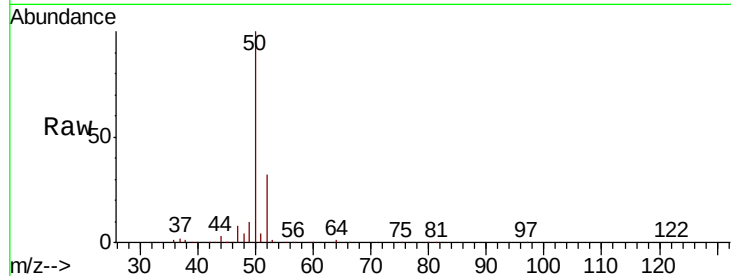
WP022MW359-190705MS

Tot Ion: 50 Resp: 92608

Ion Ratio Lower Upper

50 100

52 31.6 26.5 39.7



#4

Vinyl Chloride

Concen: 123.386 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010734.D

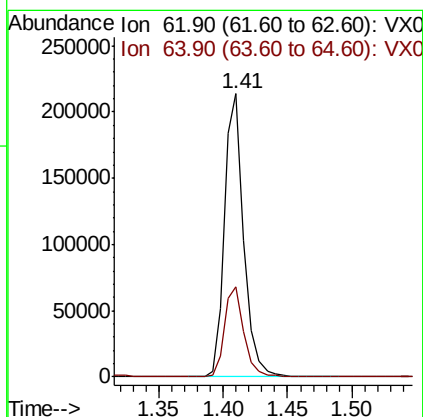
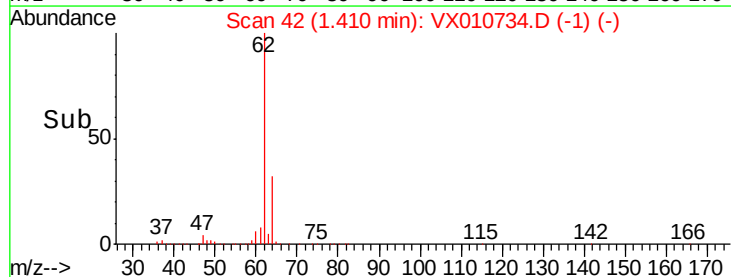
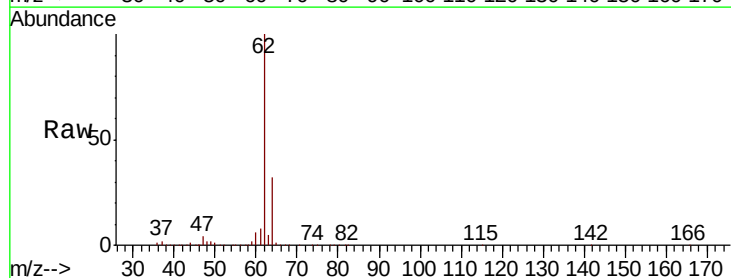
Acq: 09 Jul 2019 07:00

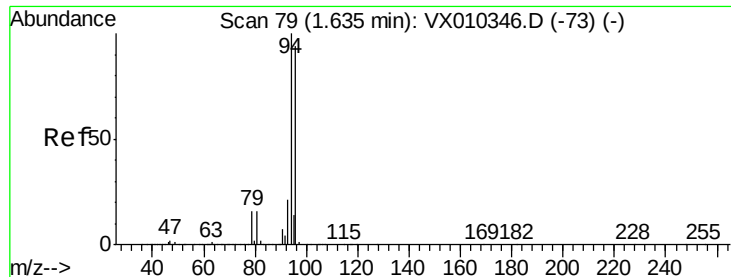
Tgt Ion: 62 Resp: 224922

Ion Ratio Lower Upper

62 100

64 31.9 26.2 39.4





#5

Bromomethane

Concen: 52.574 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010734.D

Acq: 09 Jul 2019 07:00

Instrument :

MSVOA_X

ClientSampleId :

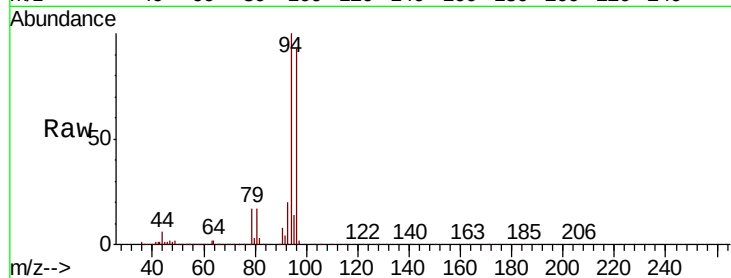
WP022MW359-190705MS

Tot Ion: 94 Resp: 46690

Ion Ratio Lower Upper

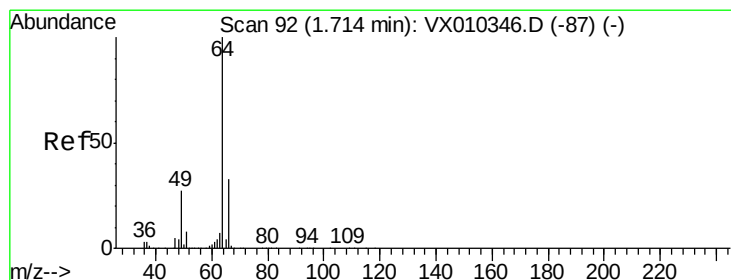
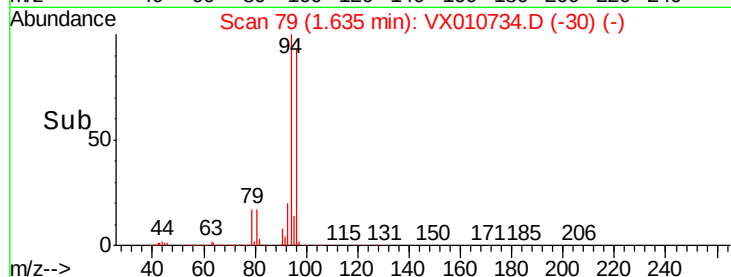
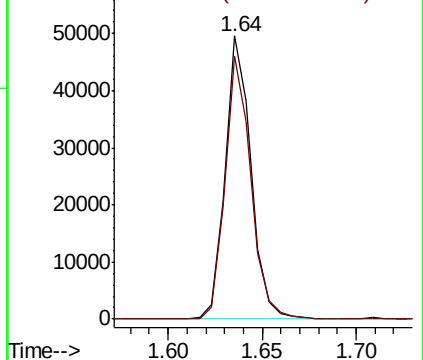
94 100

96 92.9 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 57.390 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010734.D

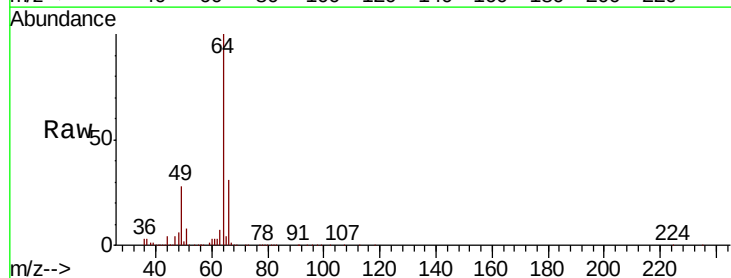
Acq: 09 Jul 2019 07:00

Tgt Ion: 64 Resp: 61722

Ion Ratio Lower Upper

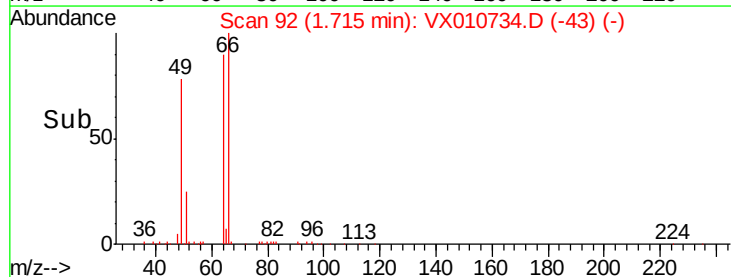
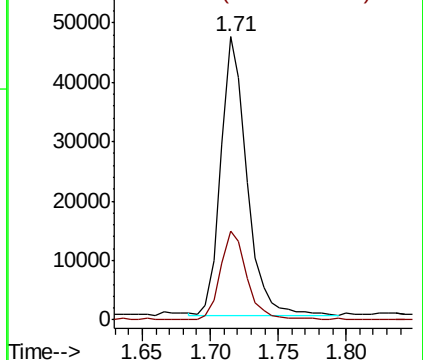
64 100

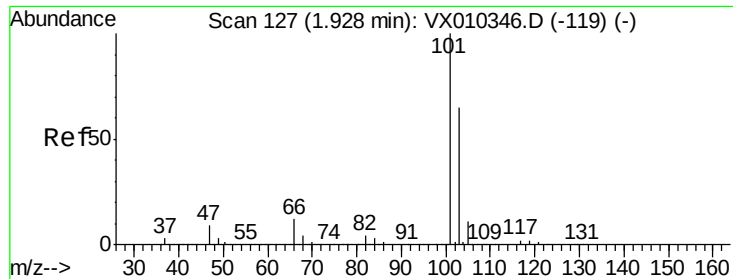
66 31.7 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



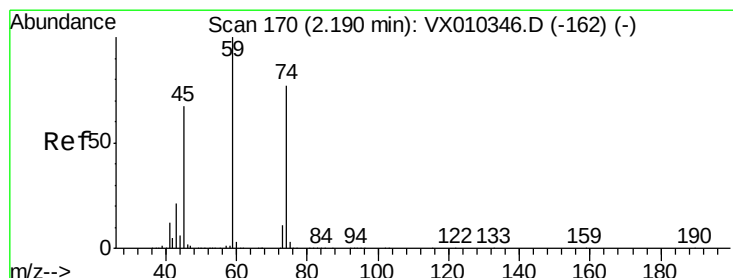
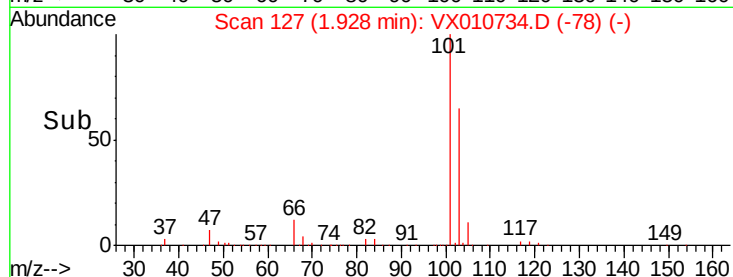
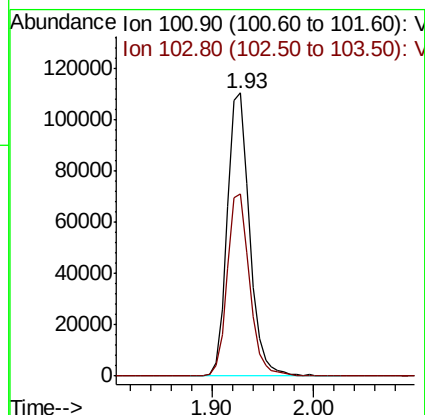
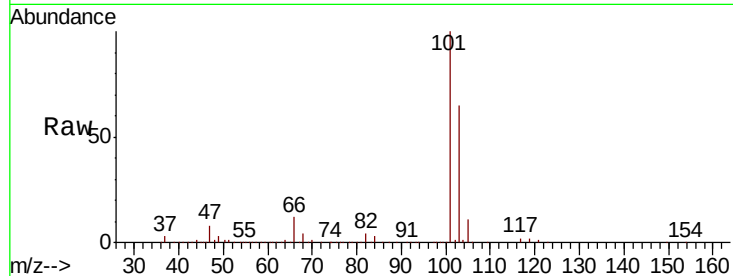


#7

Trichlorofluoromethane
Concen: 58.011 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX010734.D
Acq: 09 Jul 2019 07:00

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190705MS

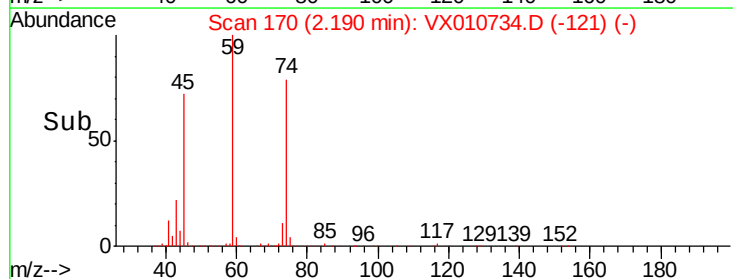
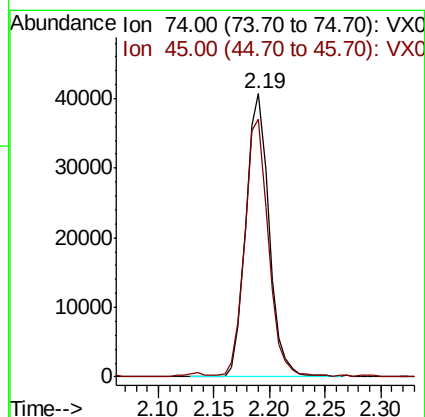
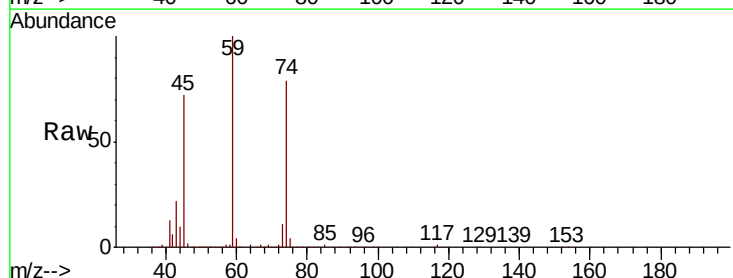
Tot Ion:101 Resp: 167636
Ion Ratio Lower Upper
101 100
103 64.6 52.3 78.5

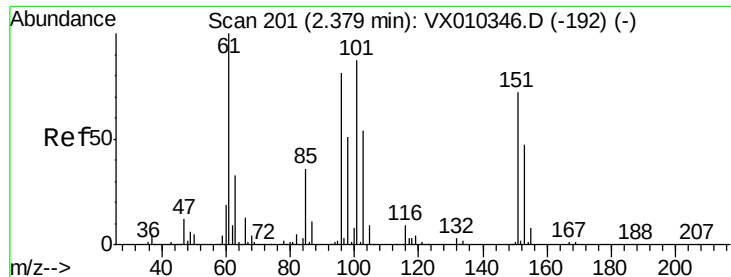


#8

Diethyl Ether
Concen: 57.055 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX010734.D
Acq: 09 Jul 2019 07:00

Tgt Ion: 74 Resp: 59126
Ion Ratio Lower Upper
74 100
45 91.5 44.8 134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.630 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010734.D

Acq: 09 Jul 2019 07:00

Instrument :

MSVOA_X

ClientSampleId :

WP022MW359-190705MS

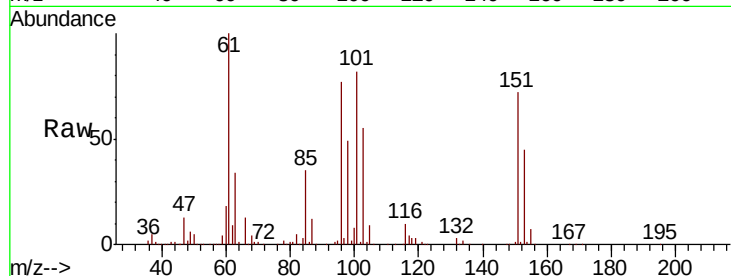
Tot Ion:101 Resp: 93917

Ion Ratio Lower Upper

101 100

85 42.5 33.7 50.5

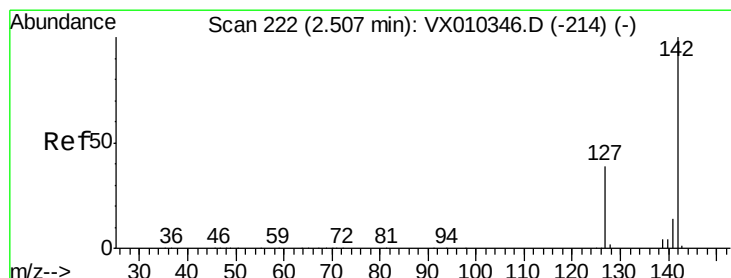
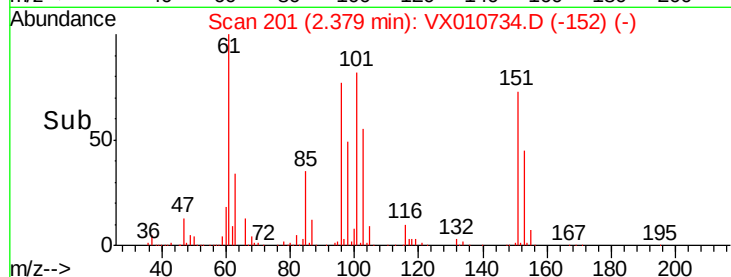
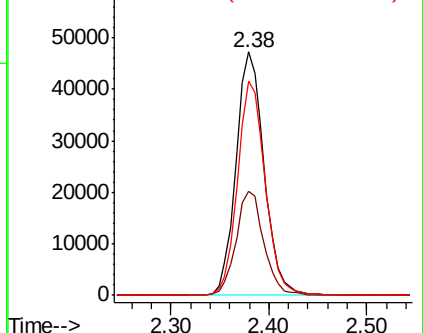
151 86.8 70.1 105.1



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: 41.488 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX010734.D

Acq: 09 Jul 2019 07:00

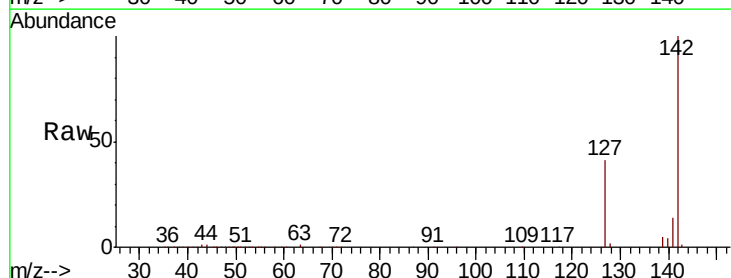
Tgt Ion:142 Resp: 103688

Ion Ratio Lower Upper

142 100

127 40.1 31.1 46.7

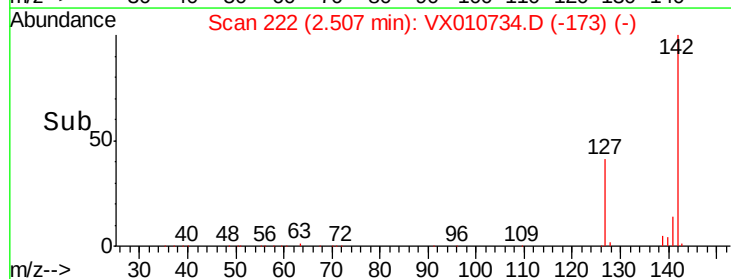
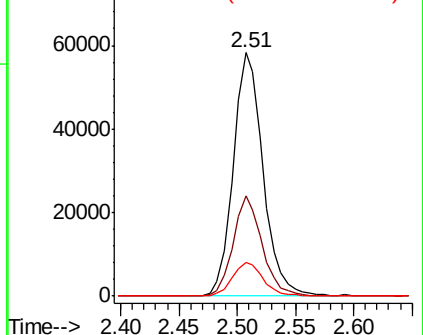
141 14.3 11.2 16.8

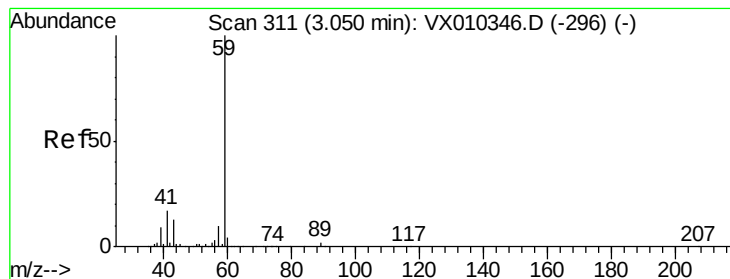


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 240.228 ug/l

RT: 3.05 min Scan# 311

Delta R.T. 0.00 min

Lab File: VX010734.D

Acq: 09 Jul 2019 07:00

Instrument :

MSVOA_X

ClientSampleId :

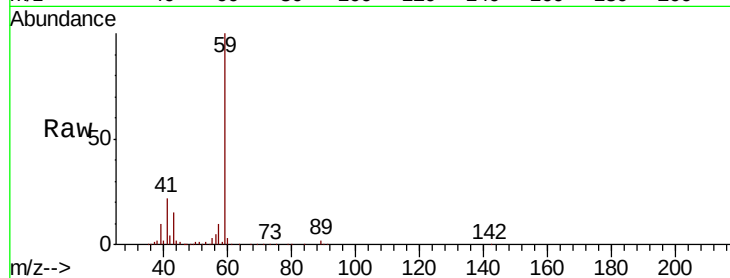
WP022MW359-190705MS

Tot Ion: 59 Resp: 121165

Ion Ratio Lower Upper

59 100

57 9.9 7.7 11.5



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

60000

50000

40000

30000

20000

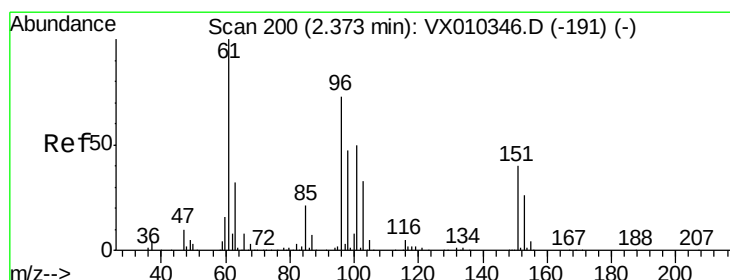
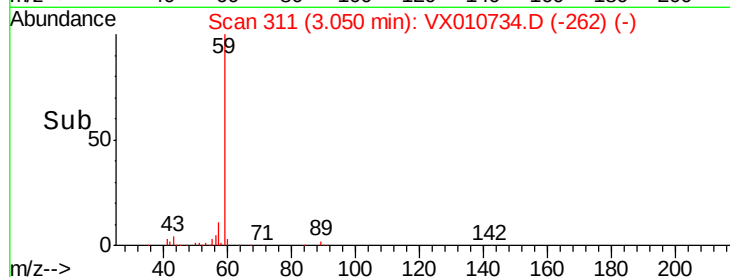
10000

0

Time-->

2.90 3.00 3.10

3.05



#12

1,1-Dichloroethene

Concen: 54.278 ug/l

RT: 2.37 min Scan# 199

Delta R.T. -0.01 min

Lab File: VX010734.D

Acq: 09 Jul 2019 07:00

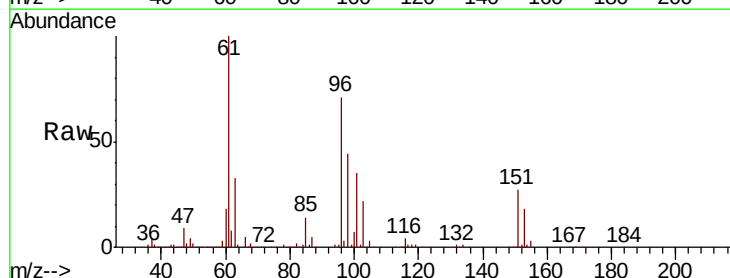
Tgt Ion: 96 Resp: 96720

Ion Ratio Lower Upper

96 100

61 140.1 109.2 163.8

98 61.5 51.1 76.7



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

100000

80000

60000

40000

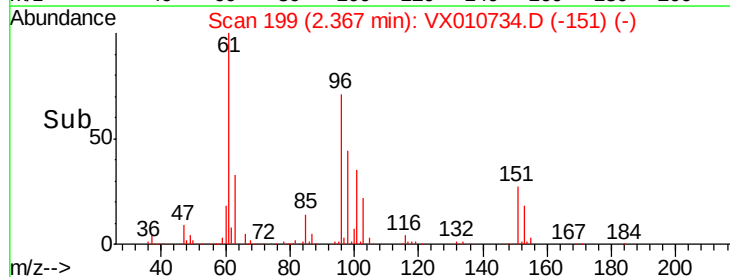
20000

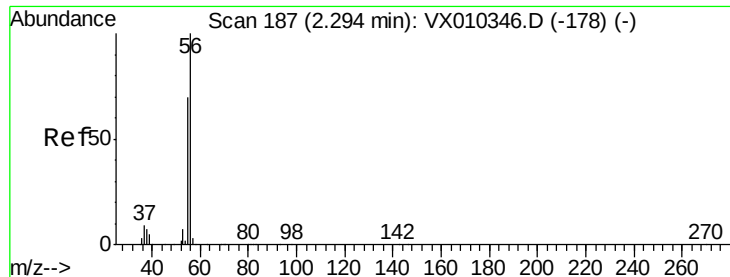
0

Time-->

2.30 2.40 2.50

2.37





#13

Acrolein

Concen: 217.935 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010734.D

Acq: 09 Jul 2019 07:00

Instrument :

MSVOA_X

ClientSampleId :

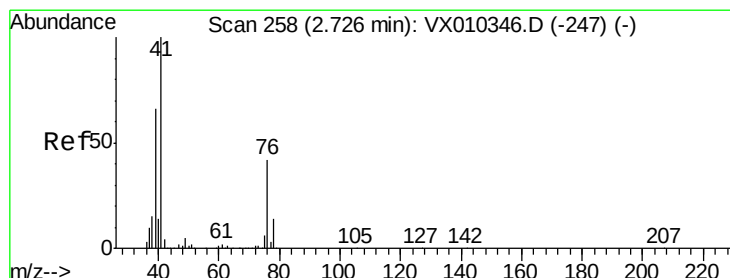
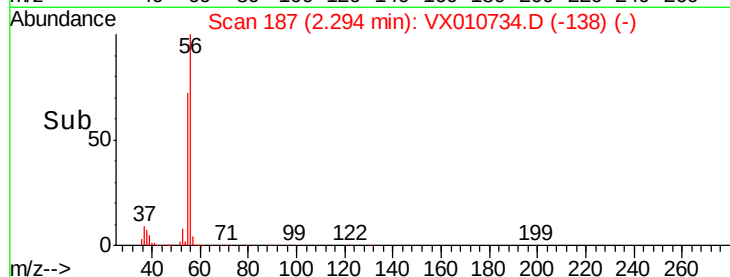
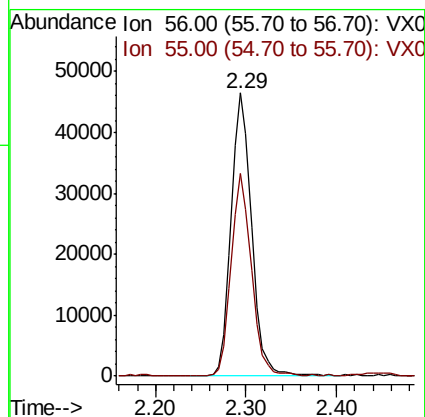
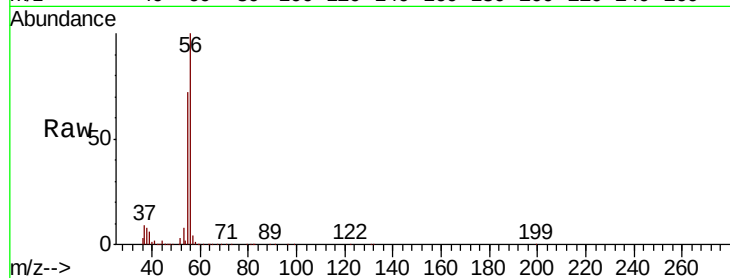
WP022MW359-190705MS

Tot Ion: 56 Resp: 72919

Ion Ratio Lower Upper

56 100

55 70.7 56.9 85.3



#14

Allyl chloride

Concen: 51.779 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010734.D

Acq: 09 Jul 2019 07:00

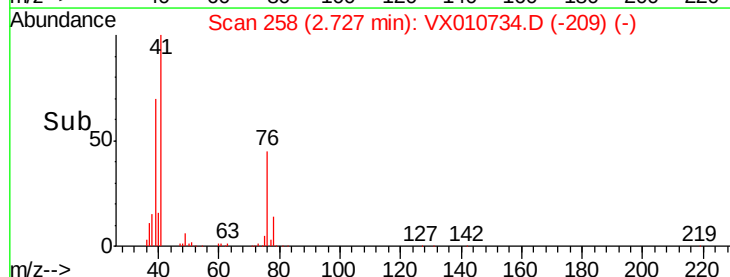
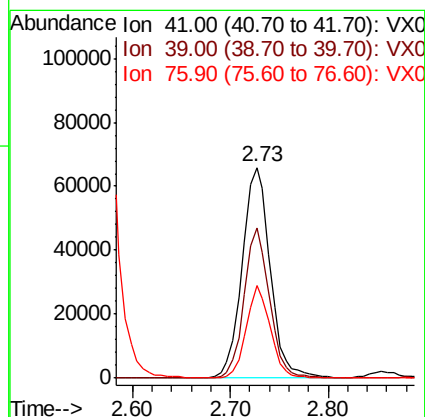
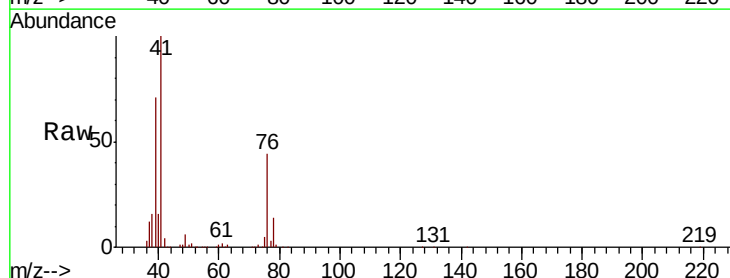
Tgt Ion: 41 Resp: 130993

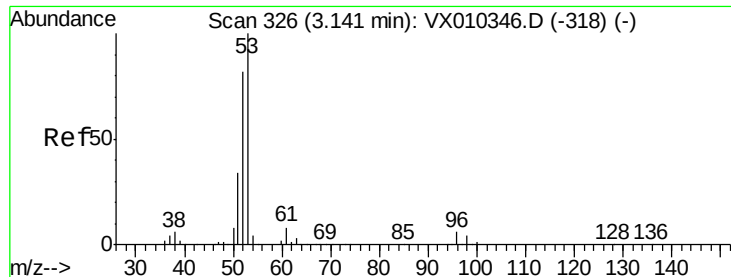
Ion Ratio Lower Upper

41 100

39 64.3 50.3 75.5

76 37.8 31.3 46.9





#15

Acrylonitrile

Concen: 282.364 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010734.D

Acq: 09 Jul 2019 07:00

Instrument :

MSVOA_X

ClientSampleId :

WP022MW359-190705MS

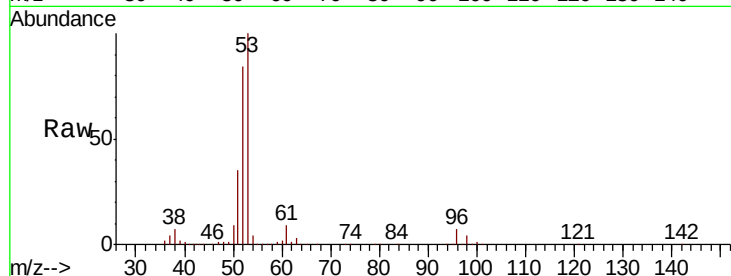
Tot Ion: 53 Resp: 281971

Ion Ratio Lower Upper

53 100

52 82.1 65.5 98.3

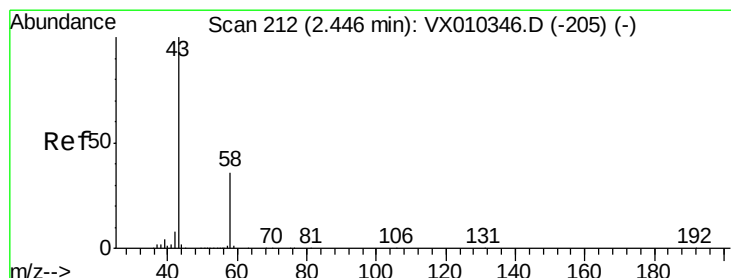
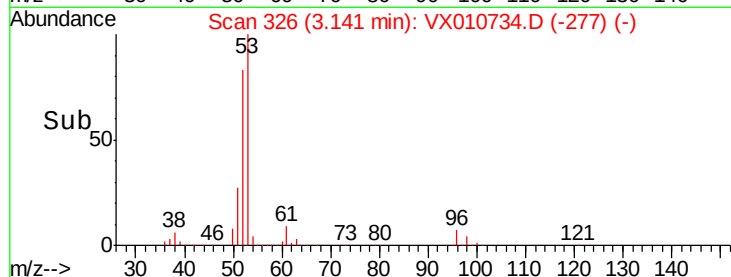
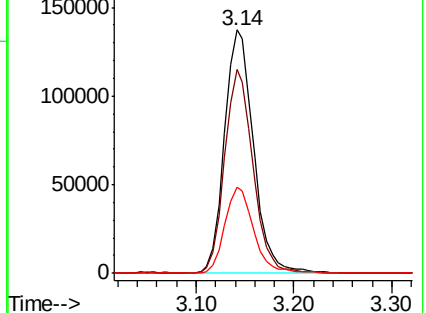
51 35.0 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 237.061 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010734.D

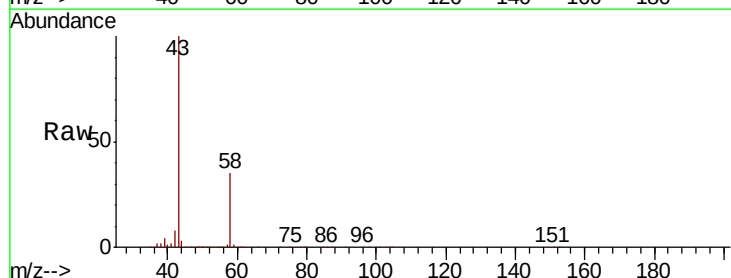
Acq: 09 Jul 2019 07:00

Tgt Ion: 43 Resp: 229007

Ion Ratio Lower Upper

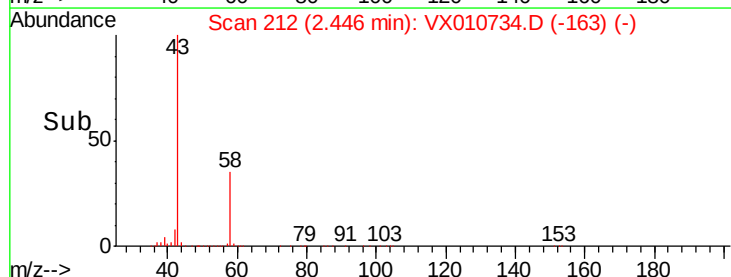
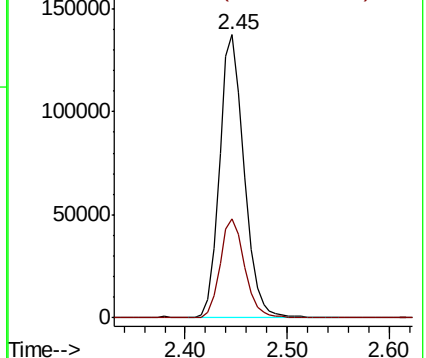
43 100

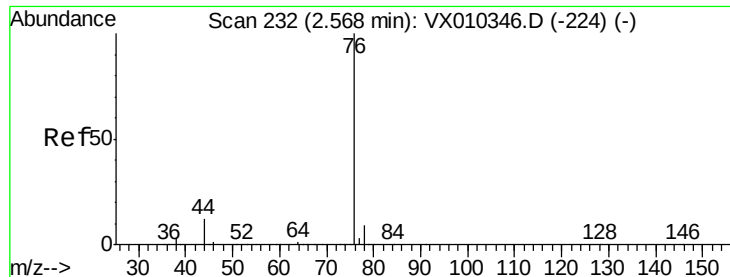
58 34.9 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 49.670 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX010734.D

Acq: 09 Jul 2019 07:00

Instrument :

MSVOA_X

ClientSampleId :

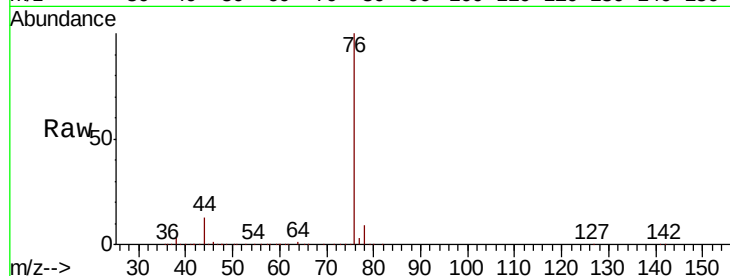
WP022MW359-190705MS

Tot Ion: 76 Resp: 237460

Ion Ratio Lower Upper

76 100

78 9.1 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

150000

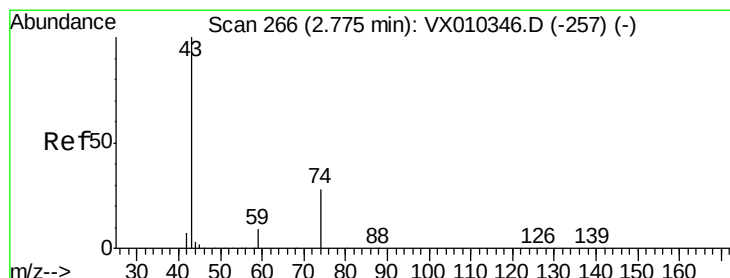
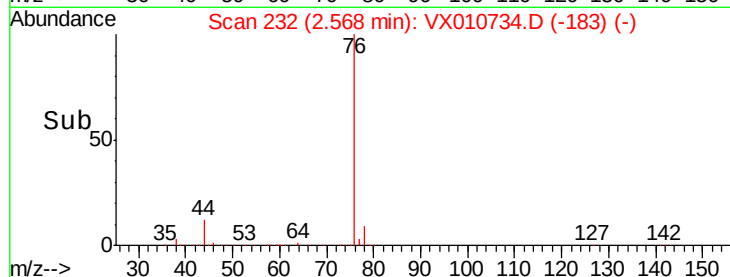
100000

50000

0

2.50 2.60 2.70

Time-->



#18

Methyl Acetate

Concen: 56.088 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX010734.D

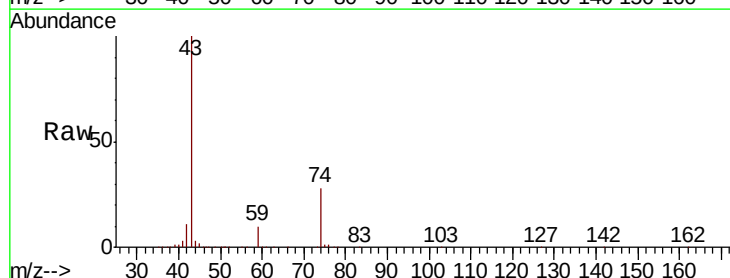
Acq: 09 Jul 2019 07:00

Tgt Ion: 43 Resp: 107989

Ion Ratio Lower Upper

43 100

74 26.5 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

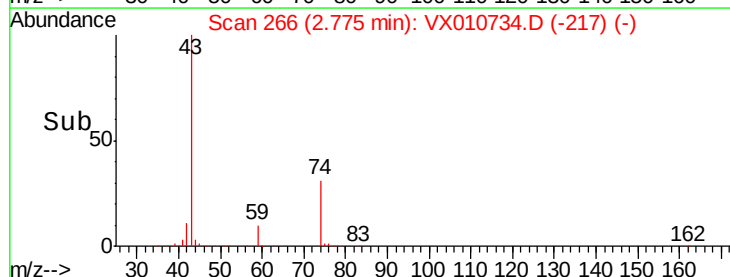
40000

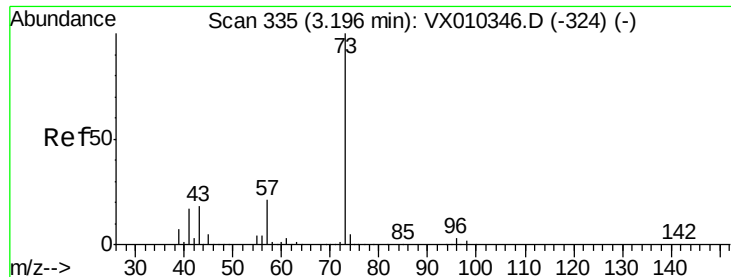
20000

0

2.65 2.70 2.75 2.80 2.85

Time-->



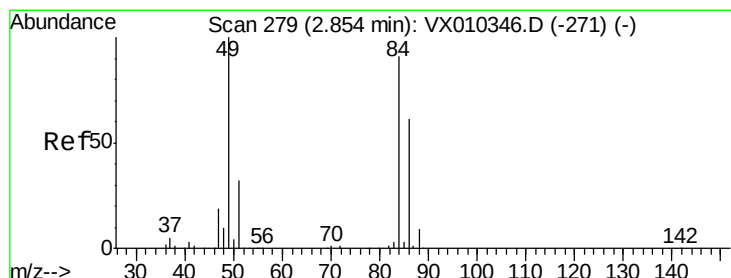
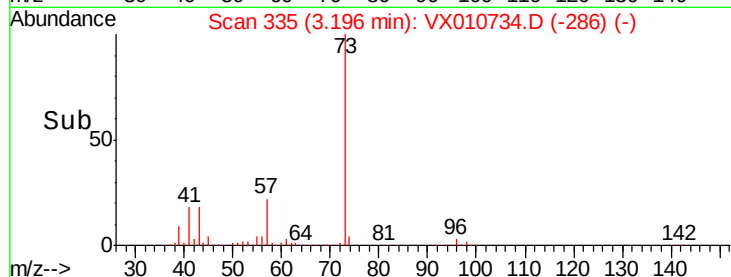
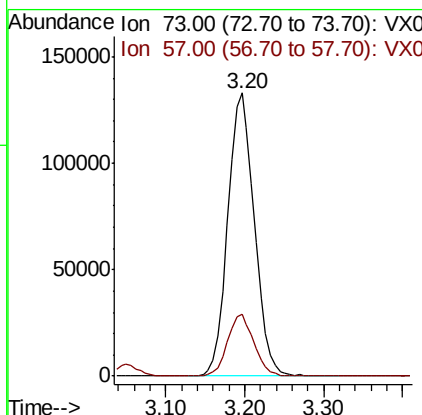
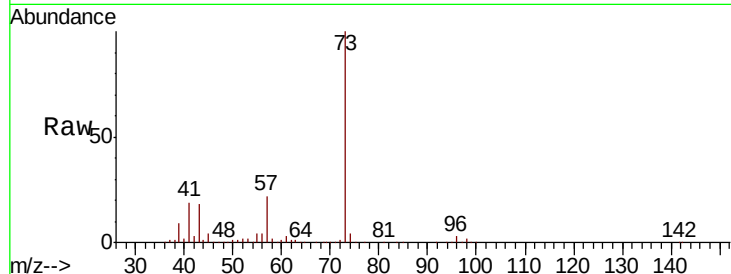


#19

Methyl tert-butyl Ether
 Concen: 55.475 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. 0.00 min
 Lab File: VX010734.D
 Acq: 09 Jul 2019 07:00

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW359-190705MS

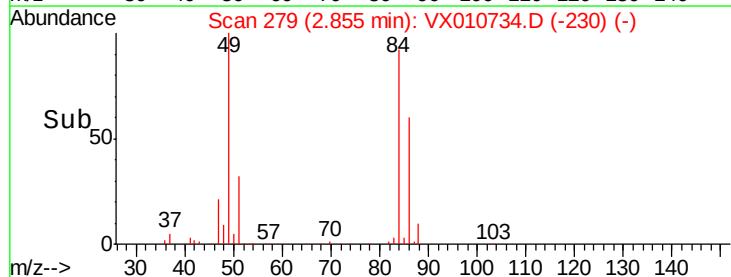
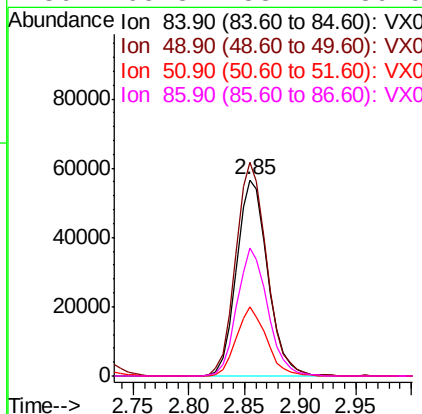
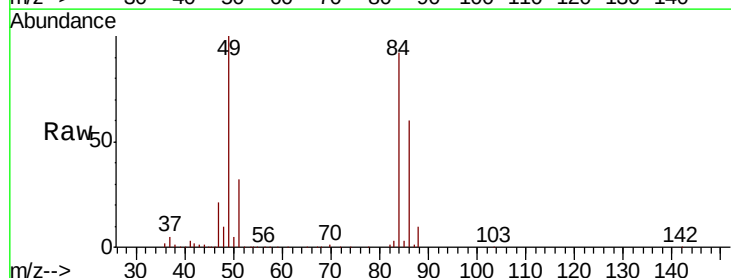
Tot Ion: 73 Resp: 310985
 Ion Ratio Lower Upper
 73 100
 57 21.7 16.4 24.6

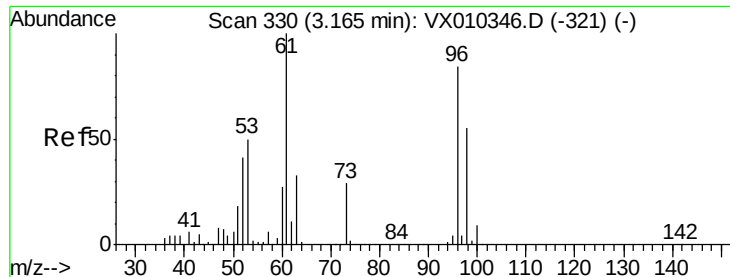


#20

Methylene Chloride
 Concen: 55.206 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX010734.D
 Acq: 09 Jul 2019 07:00

Tgt Ion: 84 Resp: 109752
 Ion Ratio Lower Upper
 84 100
 49 109.1 87.5 131.3
 51 35.3 27.7 41.5
 86 65.3 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 53.716 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010734.D

Acq: 09 Jul 2019 07:00

Instrument :

MSVOA_X

ClientSampleId :

WP022MW359-190705MS

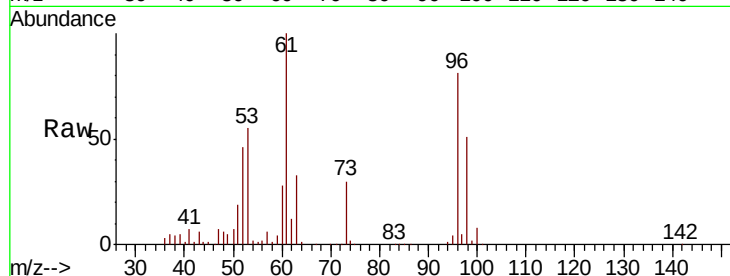
Tot Ion: 96 Resp: 102947

Ion Ratio Lower Upper

96 100

61 123.7 95.6 143.4

98 63.2 52.5 78.7

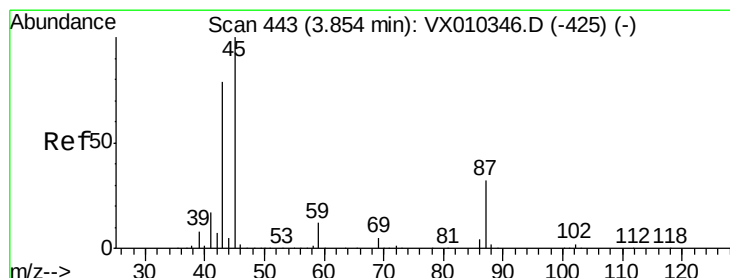
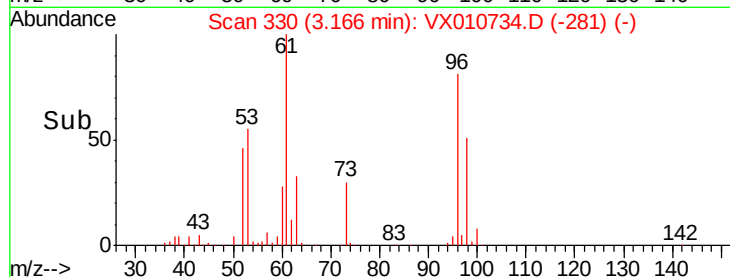
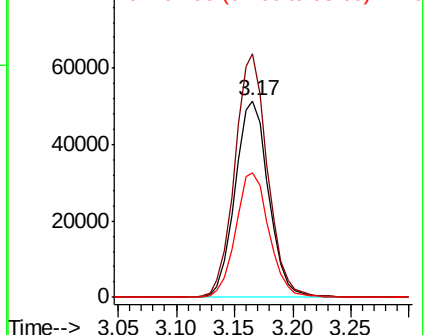


Abundance

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: 56.129 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX010734.D

Acq: 09 Jul 2019 07:00

Tgt Ion: 45 Resp: 296888

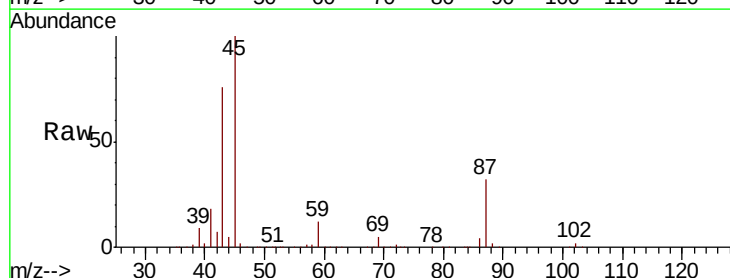
Ion Ratio Lower Upper

45 100

43 75.1 63.3 94.9

87 32.1 25.8 38.8

59 12.3 9.6 14.4



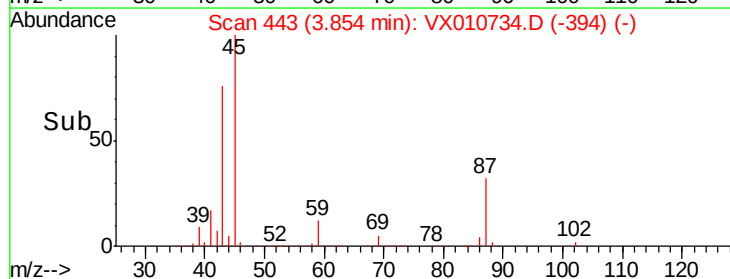
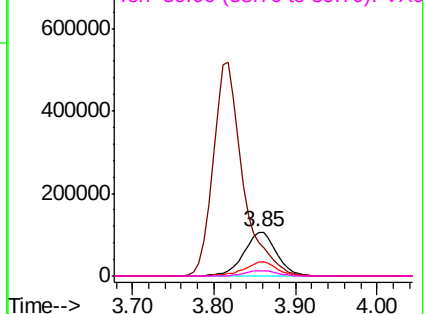
Abundance

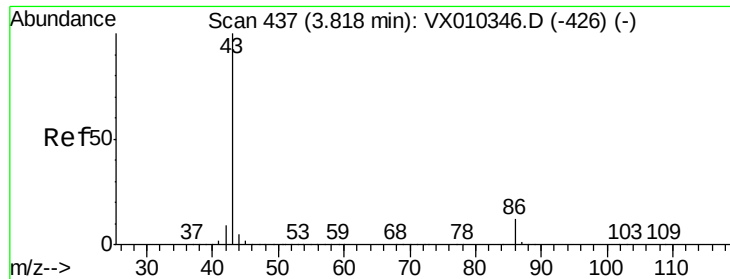
Ion 45.00 (44.70 to 45.70): VX0

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: 289.107 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX010734.D

Acq: 09 Jul 2019 07:00

Instrument :

MSVOA_X

ClientSampleId :

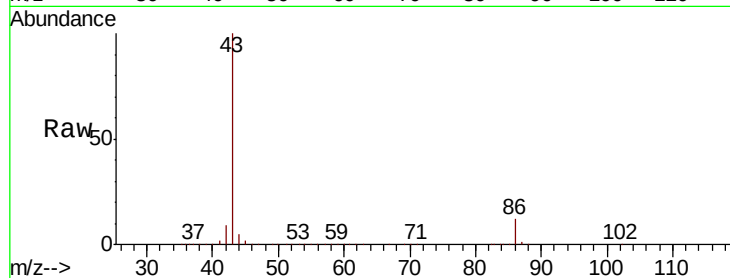
WP022MW359-190705MS

Tot Ion: 43 Resp: 1321056

Ion Ratio Lower Upper

43 100

86 12.0 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

500000

400000

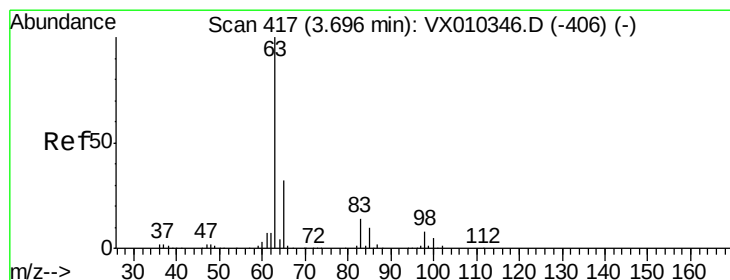
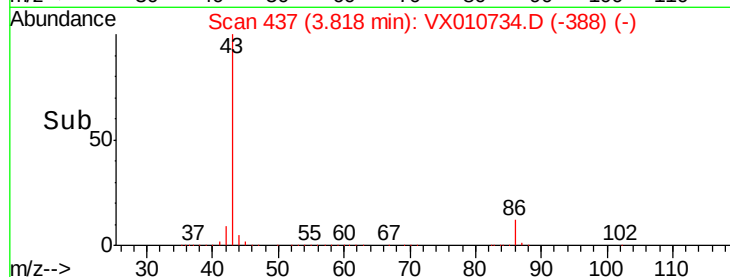
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 60.695 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010734.D

Acq: 09 Jul 2019 07:00

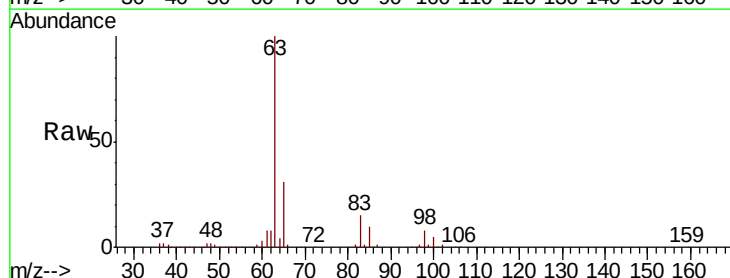
Tgt Ion: 63 Resp: 185570

Ion Ratio Lower Upper

63 100

98 7.7 3.9 11.7

100 4.9 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

100000

80000

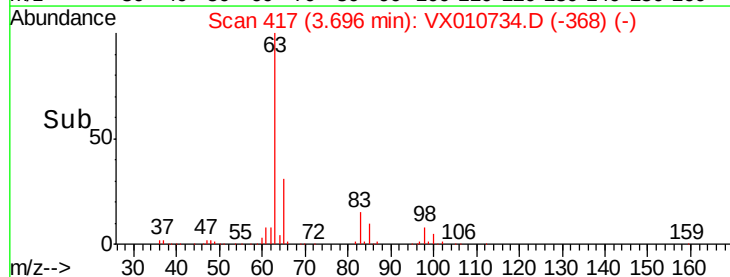
60000

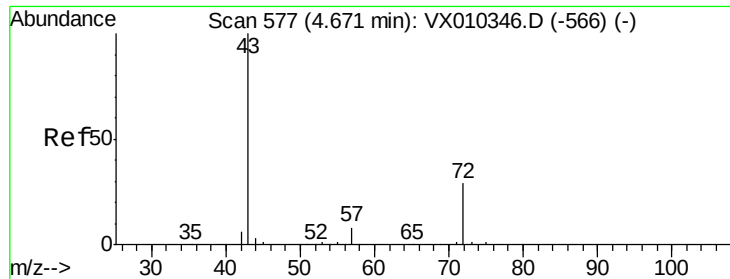
40000

20000

0

Time-->





#25

2-Butanone

Concen: 266.620 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010734.D

Acq: 09 Jul 2019 07:00

Instrument :

MSVOA_X

ClientSampleId :

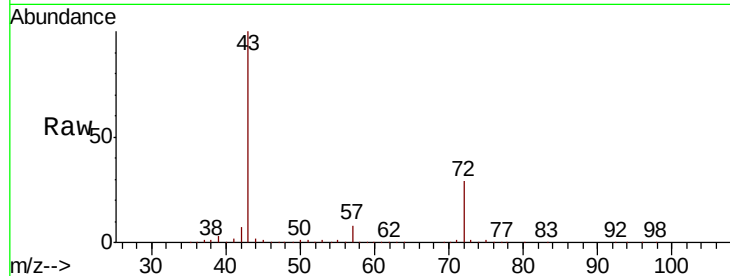
WP022MW359-190705MS

Tot Ion: 43 Resp: 377811

Ion Ratio Lower Upper

43 100

72 29.0 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

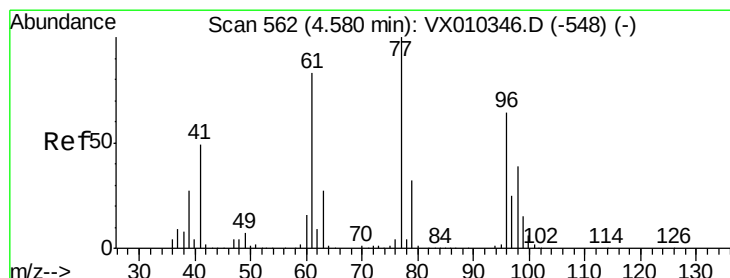
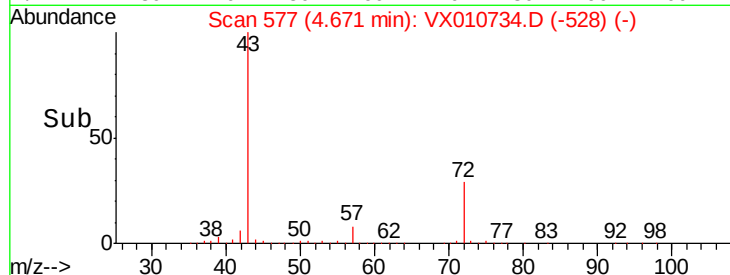
100000

50000

0

4.60 4.67 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 28.531 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010734.D

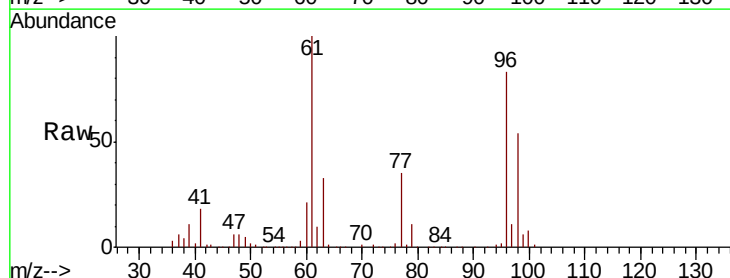
Acq: 09 Jul 2019 07:00

Tgt Ion: 77 Resp: 75777

Ion Ratio Lower Upper

77 100

97 32.1 13.1 39.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

25000

20000

15000

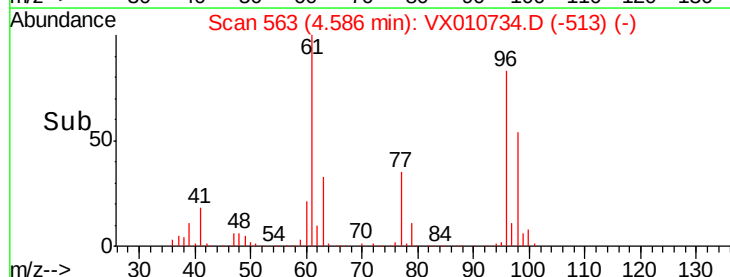
10000

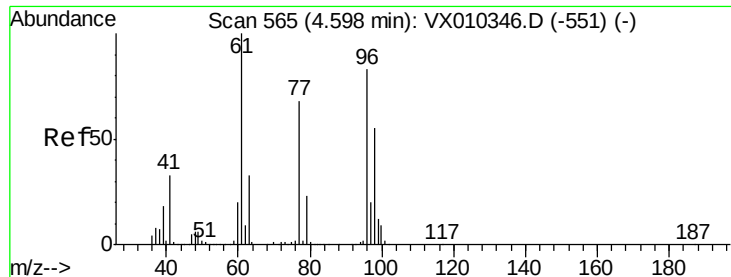
5000

0

4.50 4.59 4.60 4.70

Time-->



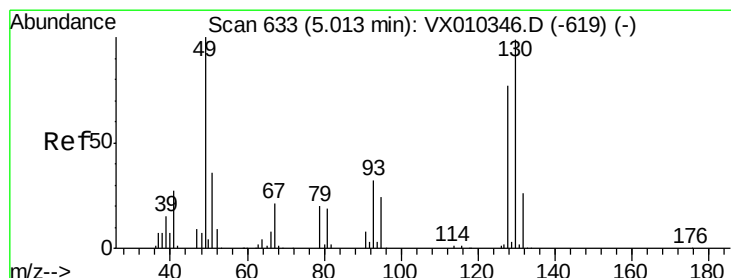
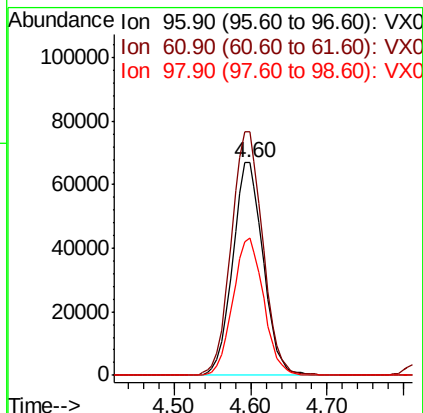
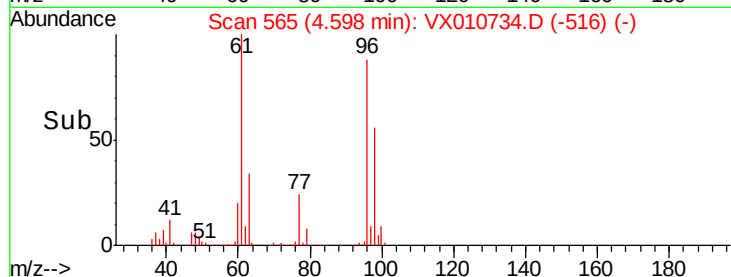
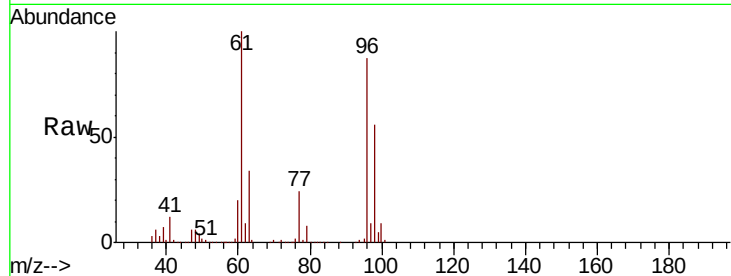


#27

cis-1,2-Dichloroethene
 Concen: 83.597 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX010734.D
 Acq: 09 Jul 2019 07:00

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW359-190705MS

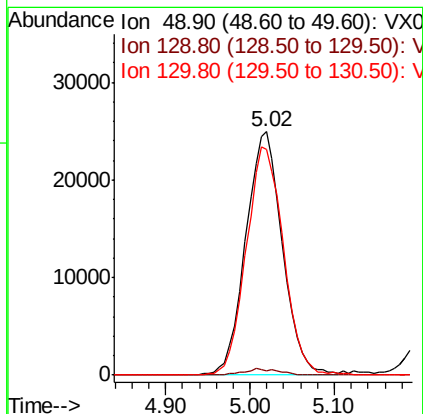
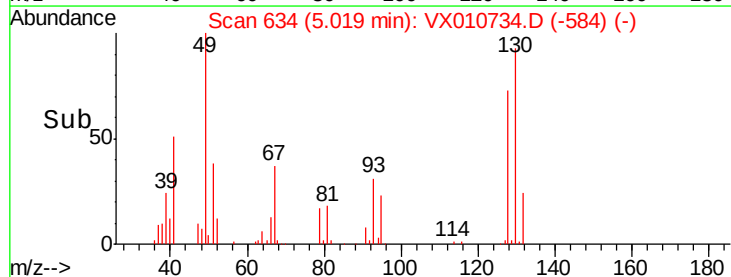
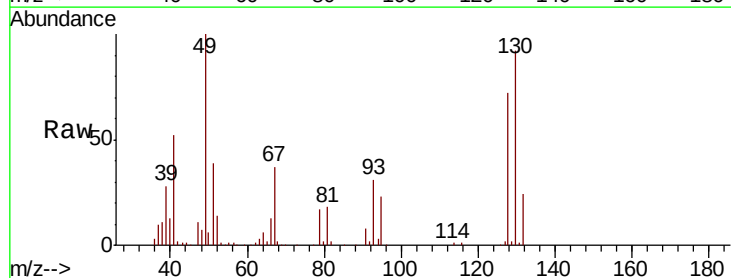
Tot Ion	Ratio	Lower	Upper
96	100		
61	118.3	0.0	251.8
98	65.1	0.0	129.4

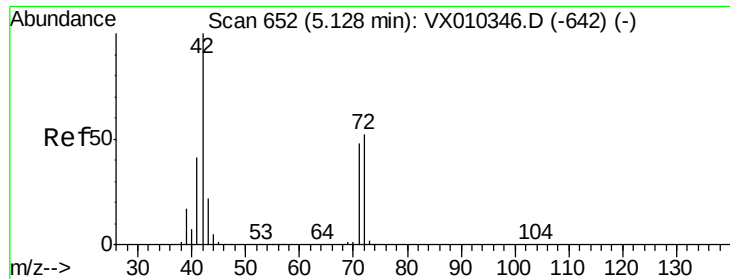


#28

Bromochloromethane
 Concen: 50.684 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.01 min
 Lab File: VX010734.D
 Acq: 09 Jul 2019 07:00

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.6
130	95.3	81.4	122.0





#29

Tetrahydrofuran

Concen: 278.044 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX010734.D

Acq: 09 Jul 2019 07:00

Instrument :

MSVOA_X

ClientSampleId :

WP022MW359-190705MS

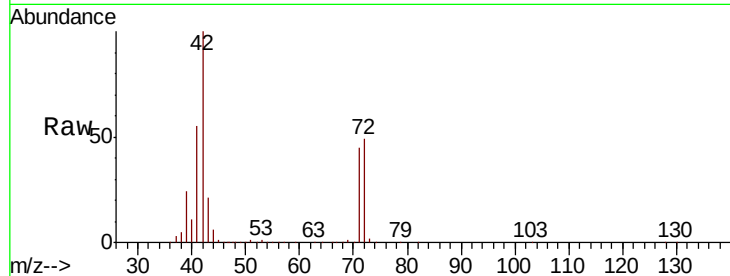
Tot Ion: 42 Resp: 244046

Ion Ratio Lower Upper

42 100

72 50.3 40.6 60.8

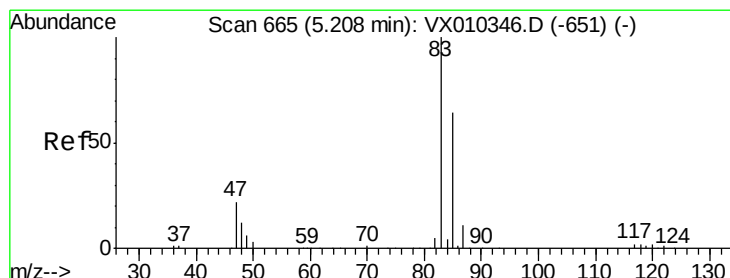
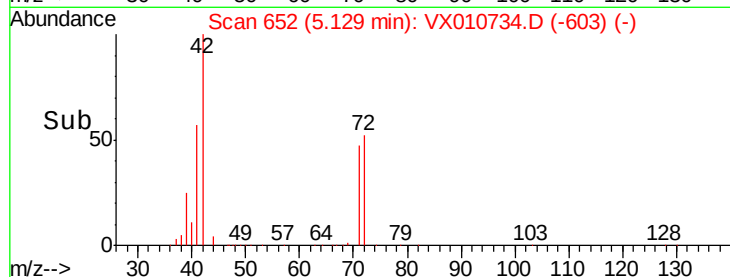
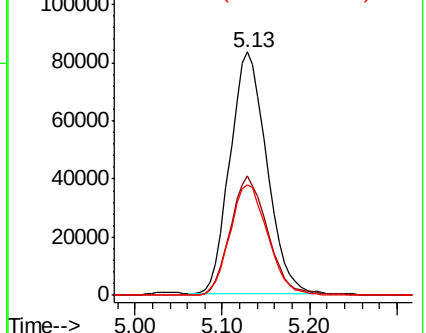
71 47.3 37.8 56.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 54.992 ug/l

RT: 5.21 min Scan# 665

Delta R.T. 0.00 min

Lab File: VX010734.D

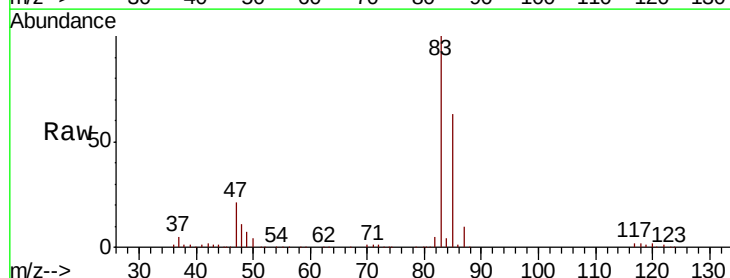
Acq: 09 Jul 2019 07:00

Tgt Ion: 83 Resp: 180905

Ion Ratio Lower Upper

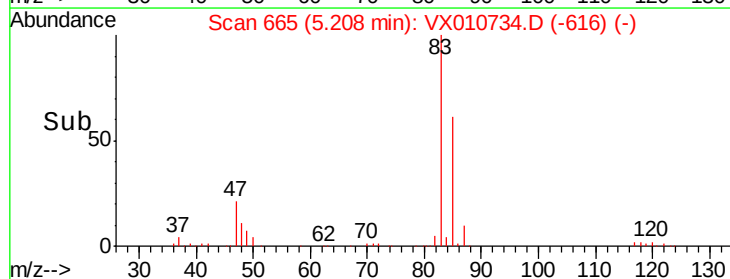
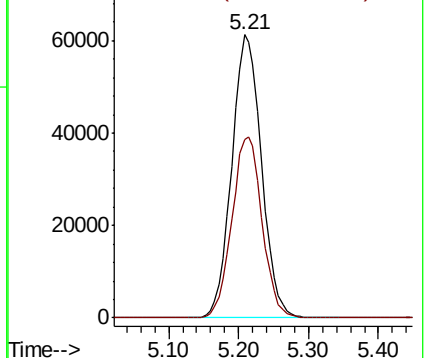
83 100

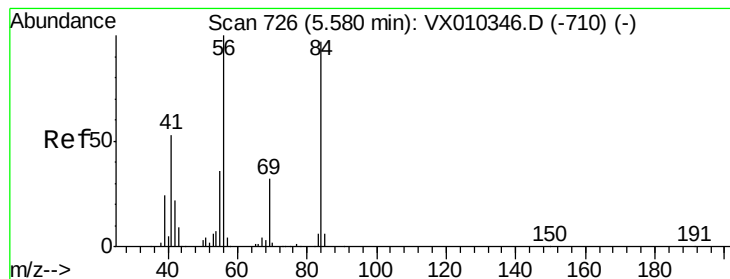
85 63.1 50.9 76.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 54.783 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010734.D

Acq: 09 Jul 2019 07:00

Instrument :

MSVOA_X

ClientSampleId :

WP022MW359-190705MS

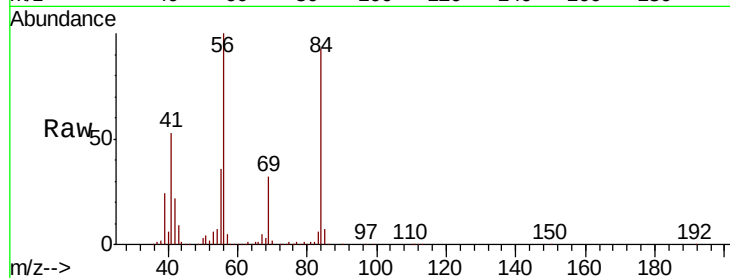
Tot Ion: 56 Resp: 152529

Ion Ratio Lower Upper

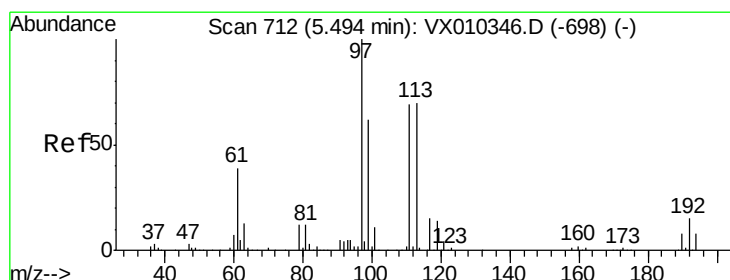
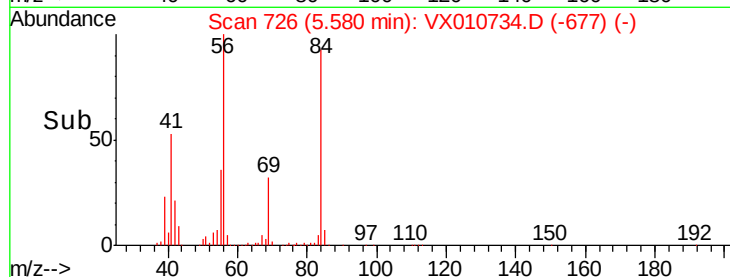
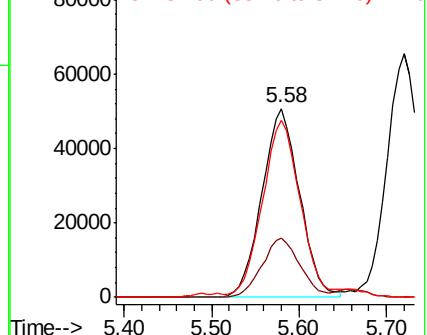
56 100

69 31.3 25.9 38.9

84 92.2 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: 53.988 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX010734.D

Acq: 09 Jul 2019 07:00

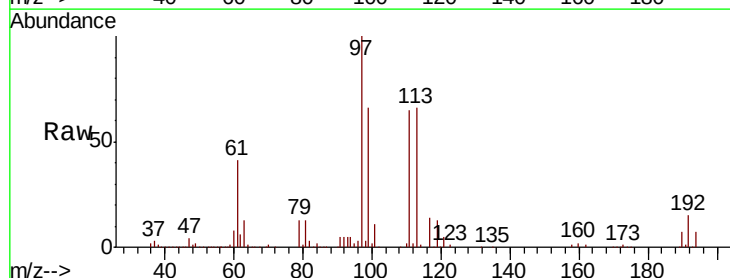
Tgt Ion: 97 Resp: 156820

Ion Ratio Lower Upper

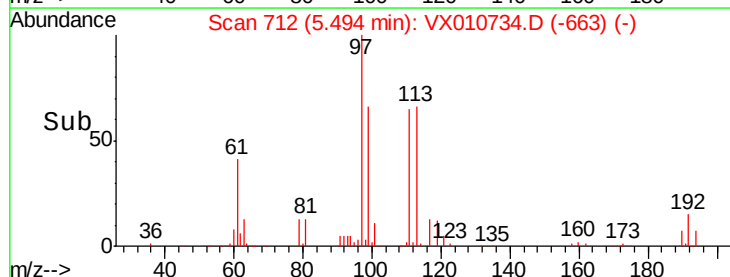
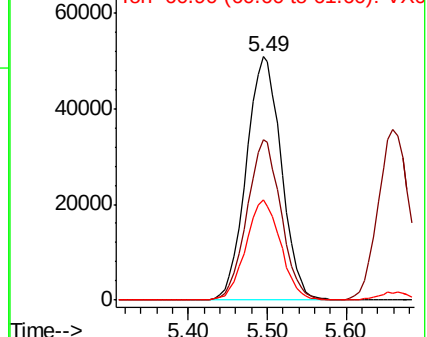
97 100

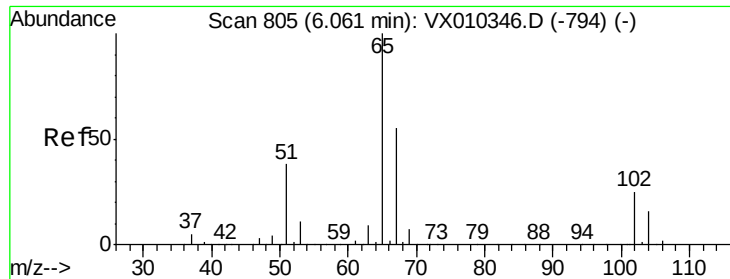
99 64.0 51.8 77.8

61 40.9 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

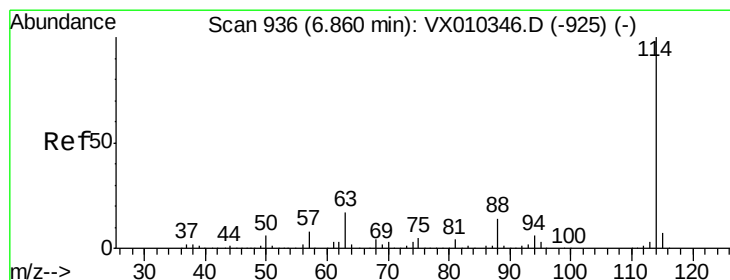
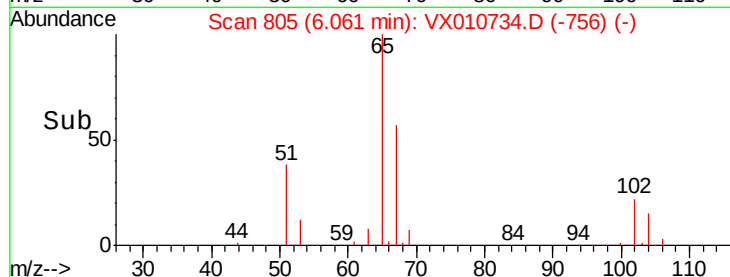
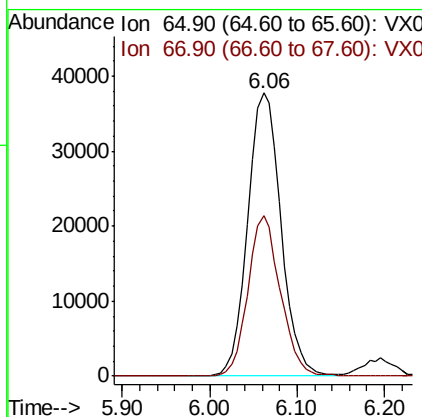
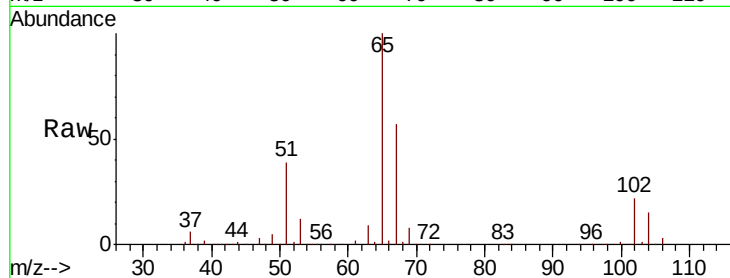




#33
 1,2-Dichloroethane-d4
 Concen: 52.012 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010734.D
 Acq: 09 Jul 2019 07:00

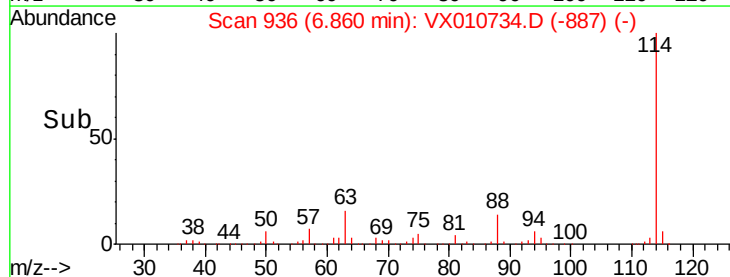
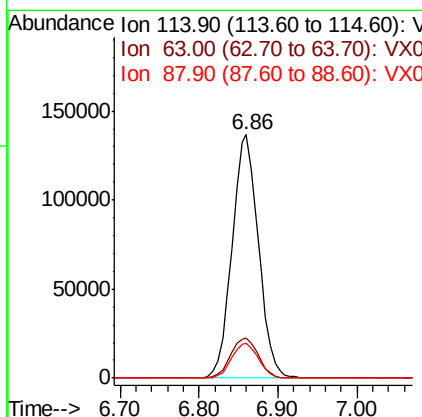
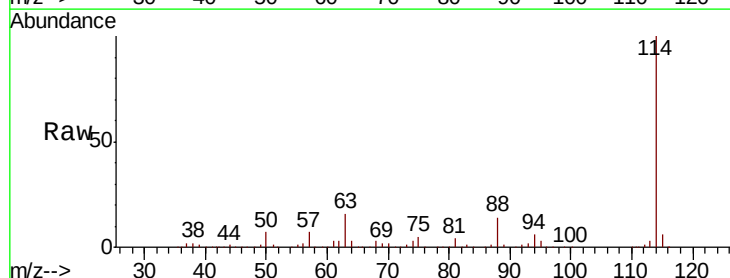
Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW359-190705MS

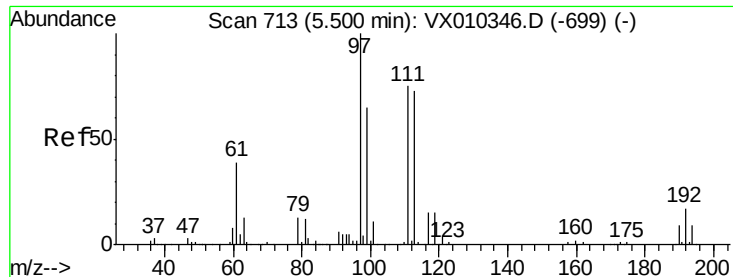
Tot Ion: 65 Resp: 100256
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010734.D
 Acq: 09 Jul 2019 07:00

Tgt Ion: 114 Resp: 317358
 Ion Ratio Lower Upper
 114 100
 63 16.2 0.0 33.8
 88 14.4 0.0 27.6

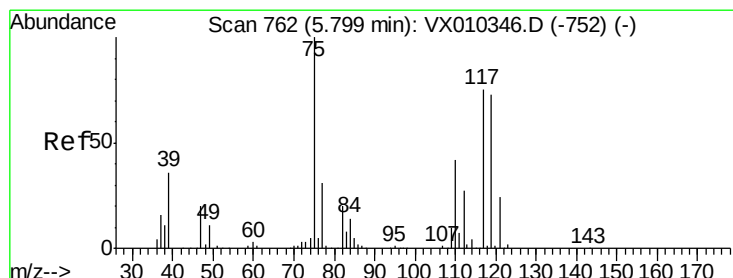
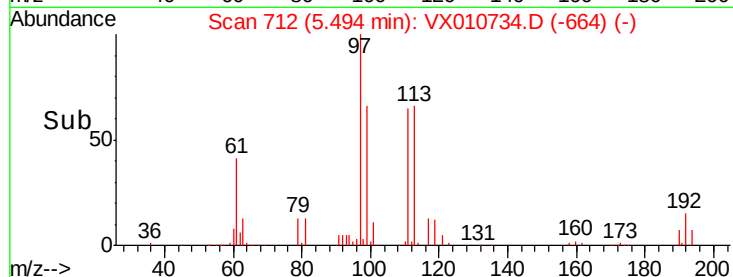
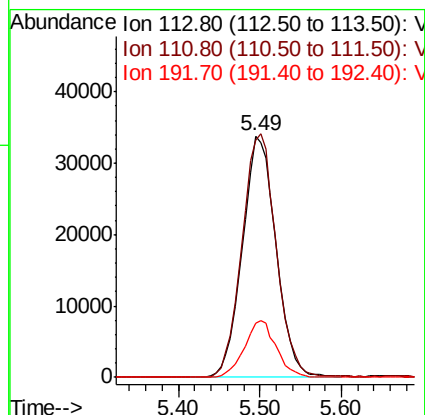
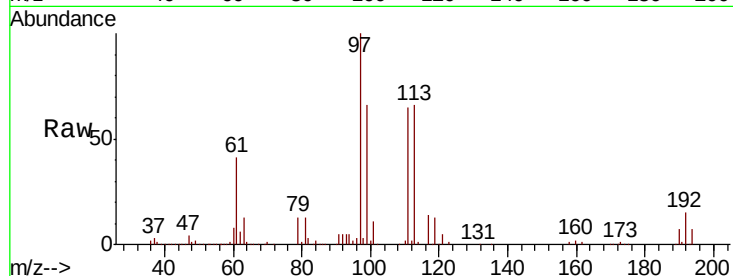




#35
 Dibromofluoromethane
 Concen: 49.754 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX010734.D
 Acq: 09 Jul 2019 07:00

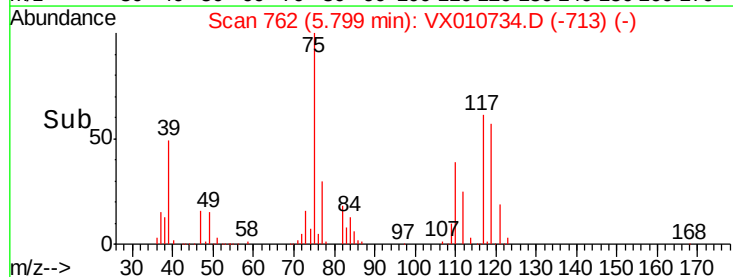
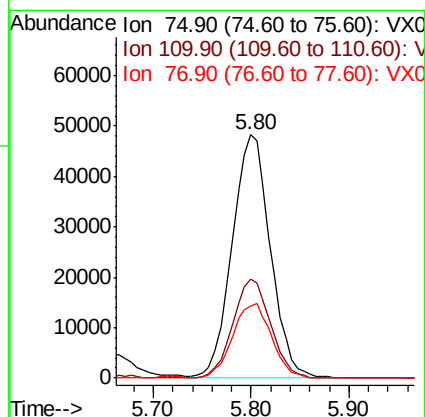
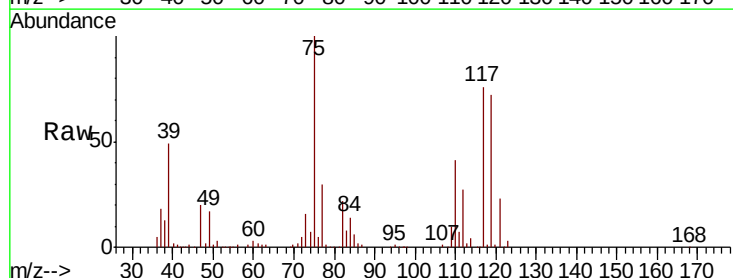
Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW359-190705MS

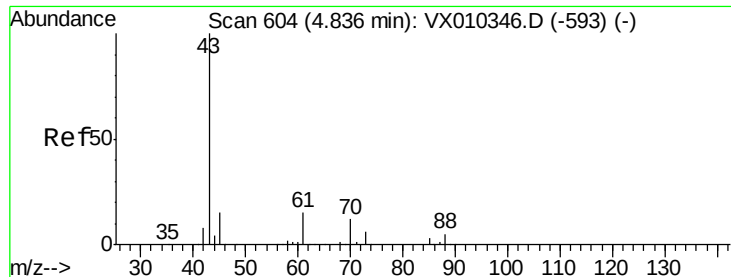
Tot Ion:113 Resp: 96607
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.2 121.8
 192 22.3 18.6 27.8



#36
 1,1-Dichloropropene
 Concen: 51.425 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX010734.D
 Acq: 09 Jul 2019 07:00

Tgt Ion: 75 Resp: 129688
 Ion Ratio Lower Upper
 75 100
 110 41.0 20.8 62.2
 77 31.6 25.4 38.0

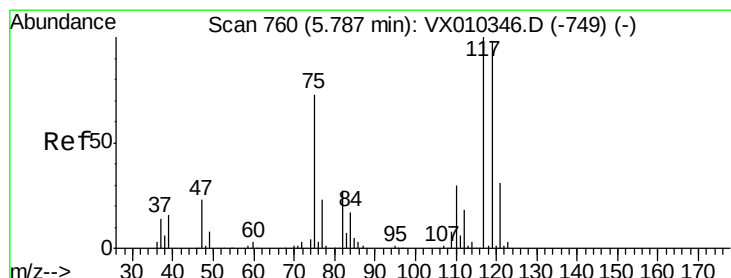
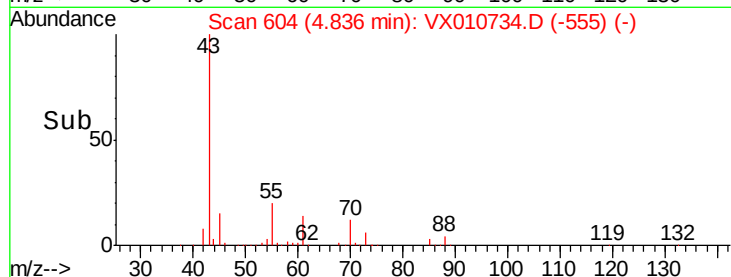
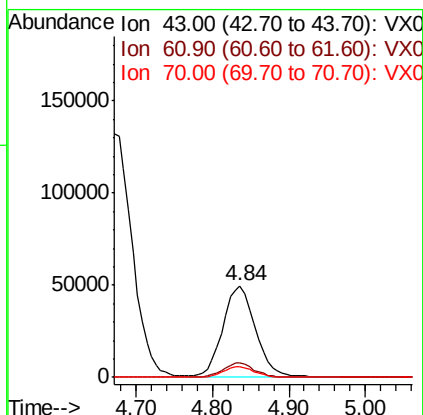
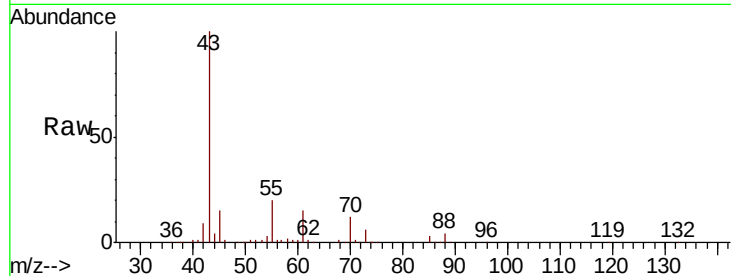




#37
Ethyl Acetate
Concen: 55.785 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX010734.D
Acq: 09 Jul 2019 07:00

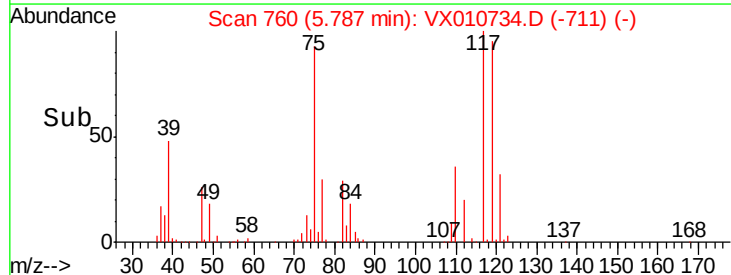
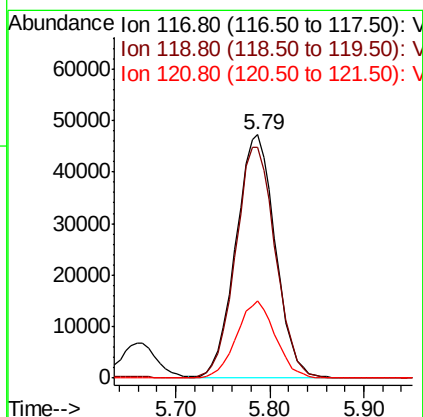
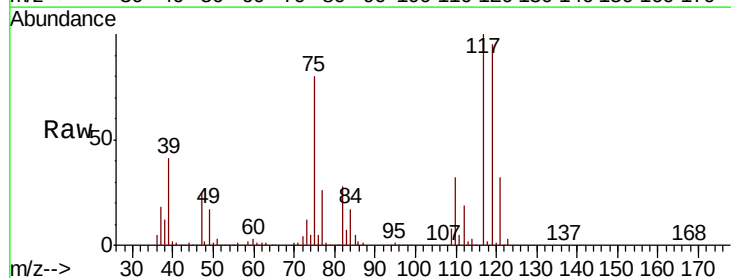
Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190705MS

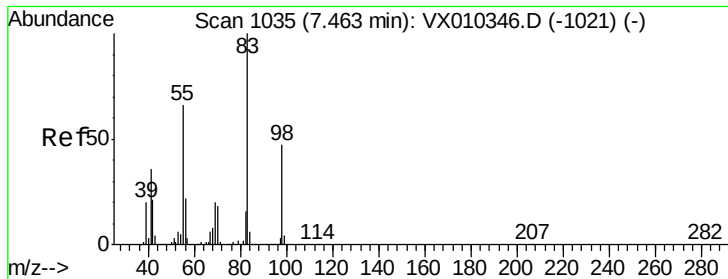
Tot Ion: 43 Resp: 144731
Ion Ratio Lower Upper
43 100
61 15.8 12.4 18.6
70 11.6 9.8 14.8



#38
Carbon Tetrachloride
Concen: 50.488 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX010734.D
Acq: 09 Jul 2019 07:00

Tgt Ion: 117 Resp: 137877
Ion Ratio Lower Upper
117 100
119 94.5 78.2 117.4
121 32.0 24.7 37.1

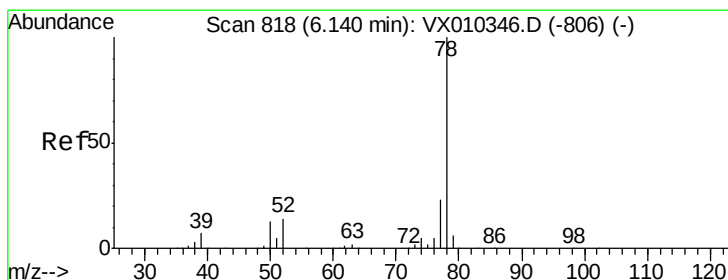
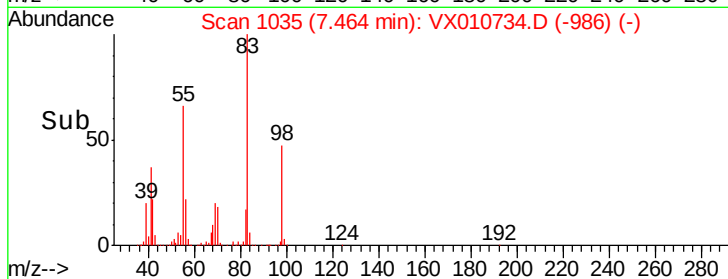
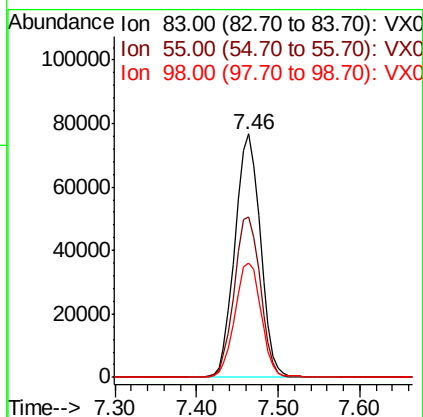
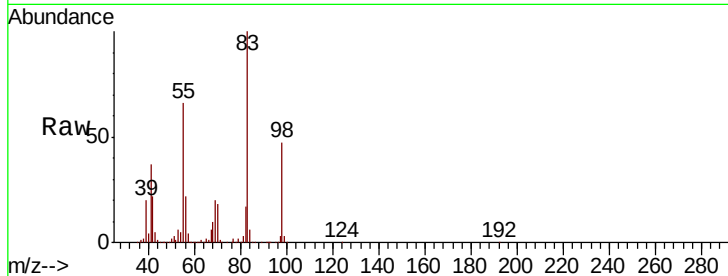




#39
Methylvlcyclohexane
Concen: 49.880 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010734.D
Acq: 09 Jul 2019 07:00

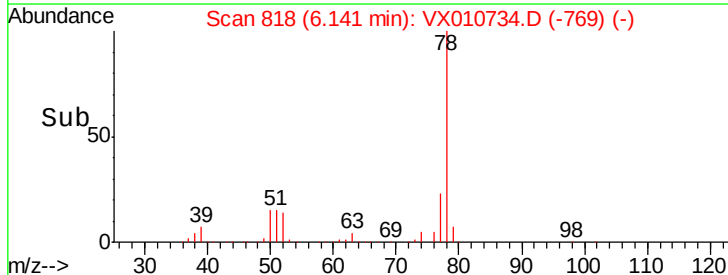
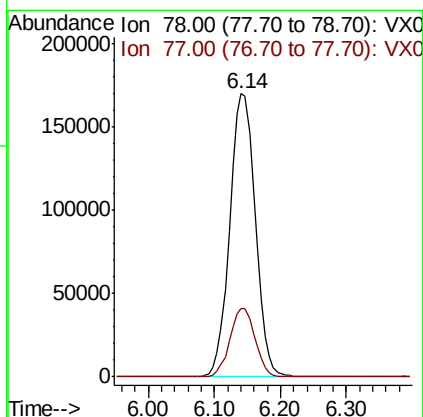
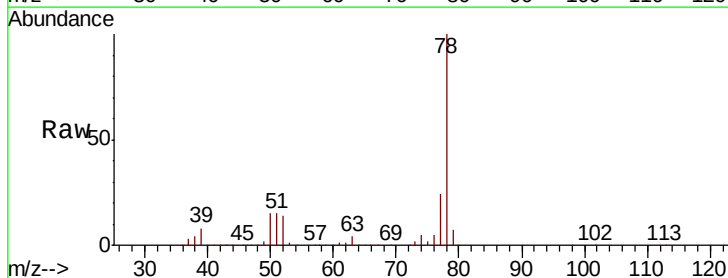
Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190705MS

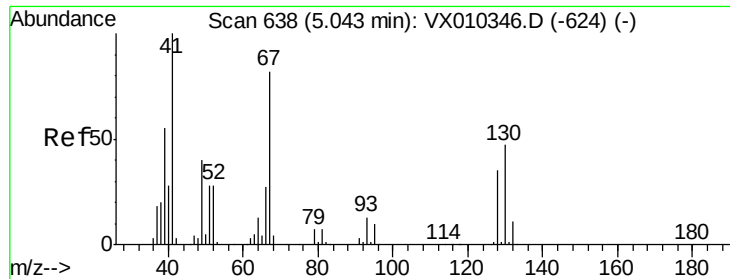
Tot Ion: 83 Resp: 165349
Ion Ratio Lower Upper
83 100
55 66.0 53.0 79.6
98 46.9 37.8 56.8



#40
Benzene
Concen: 57.991 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010734.D
Acq: 09 Jul 2019 07:00

Tgt Ion: 78 Resp: 455633
Ion Ratio Lower Upper
78 100
77 24.2 18.6 28.0

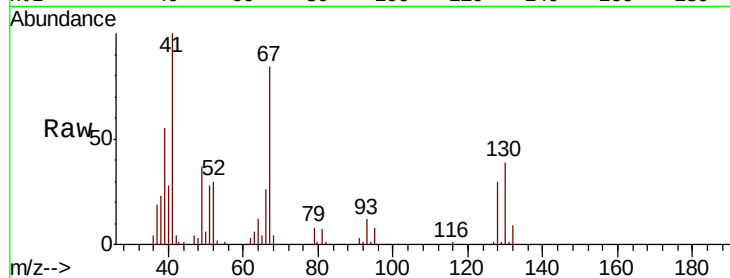




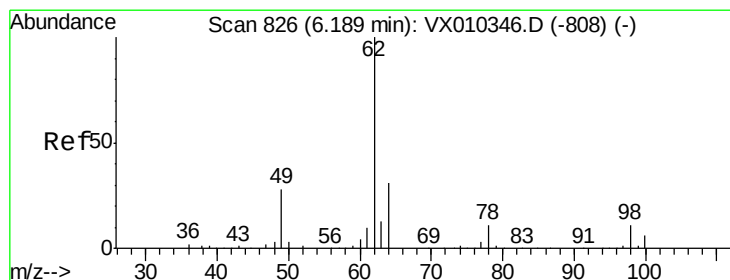
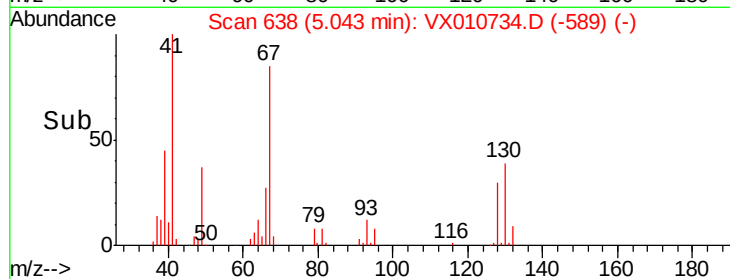
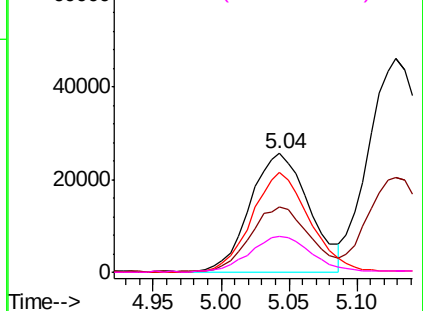
#41
Methacrylonitrile
Concen: 54.268 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX010734.D
Acq: 09 Jul 2019 07:00

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190705MS

Tot Ion:	41	Resp:	77252
Ion	Ratio	Lower	Upper
41	100		
39	54.6	43.8	65.8
67	83.1	66.6	100.0
52	30.7	24.5	36.7

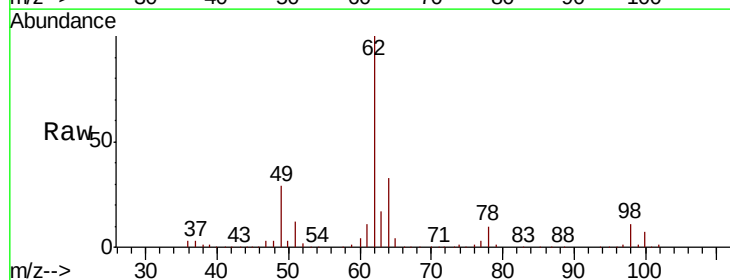


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

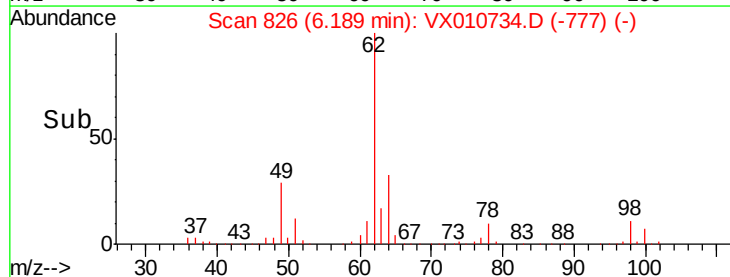
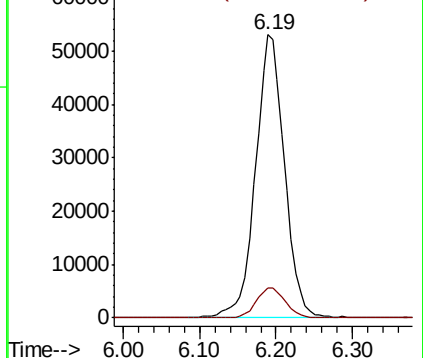


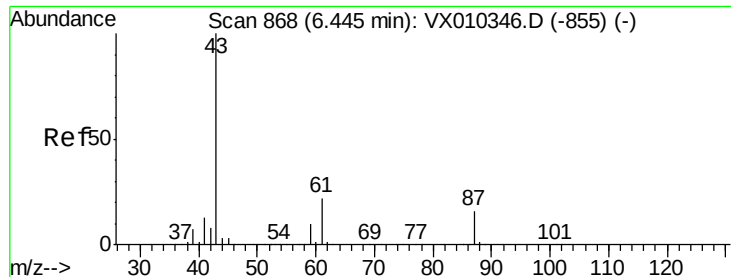
#42
1,2-Dichloroethane
Concen: 58.369 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX010734.D
Acq: 09 Jul 2019 07:00

Tgt Ion:	62	Resp:	139599
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	22.2



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 53.973 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX010734.D

Acq: 09 Jul 2019 07:00

Instrument :

MSVOA_X

ClientSampleId :

WP022MW359-190705MS

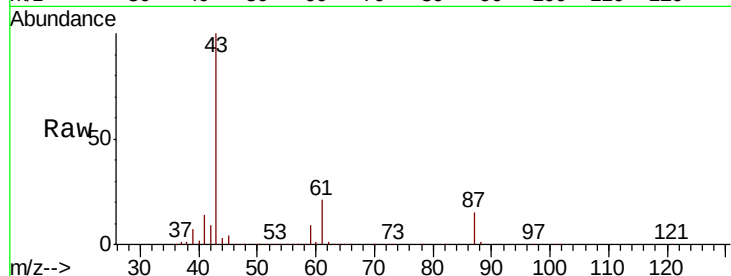
Tot Ion: 43 Resp: 231674

Ion Ratio Lower Upper

43 100

61 21.5 17.8 26.6

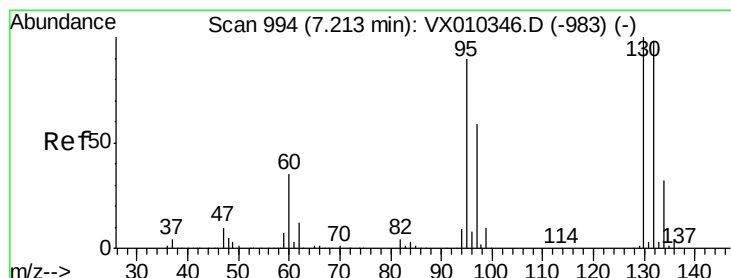
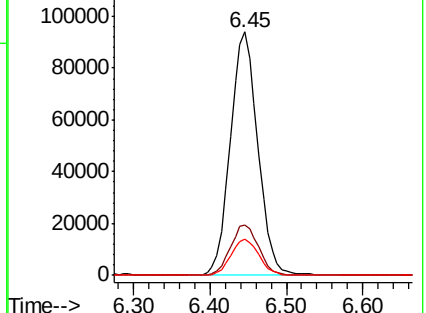
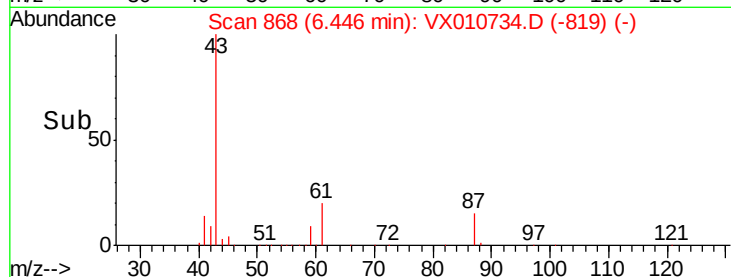
87 15.3 13.0 19.4



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: 51.103 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX010734.D

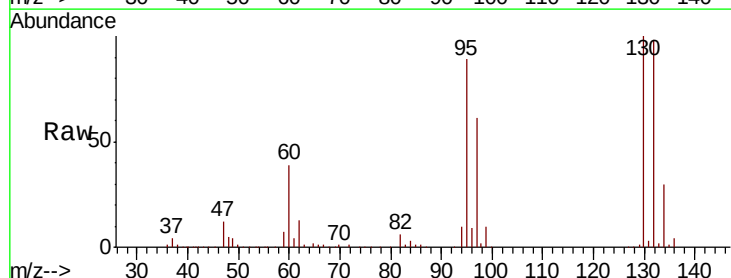
Acq: 09 Jul 2019 07:00

Tgt Ion:130 Resp: 120142

Ion Ratio Lower Upper

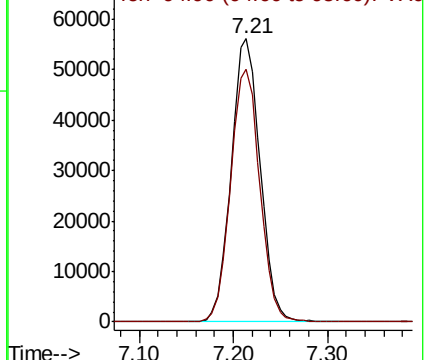
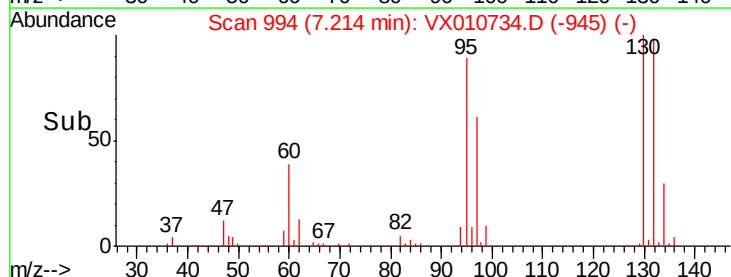
130 100

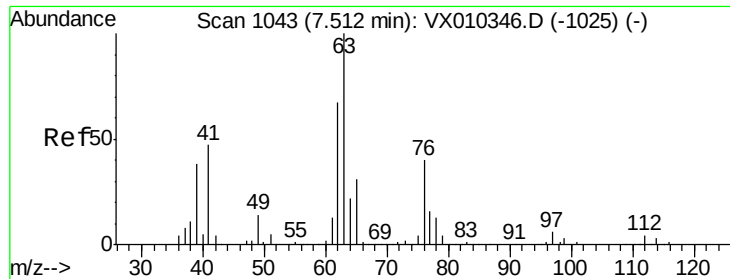
95 89.3 0.0 180.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

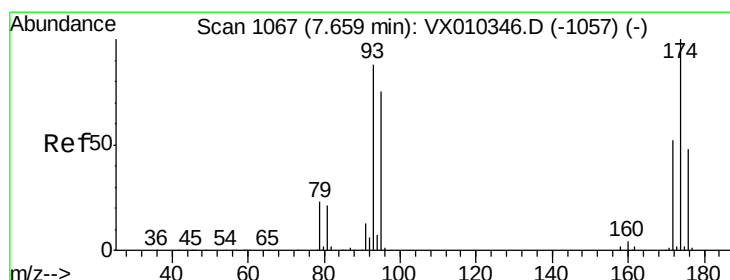
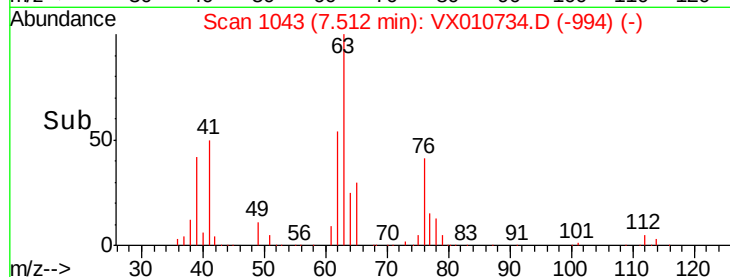
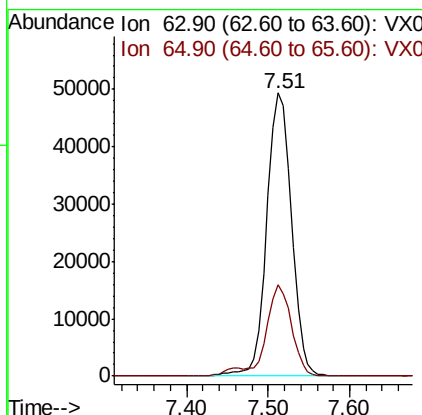
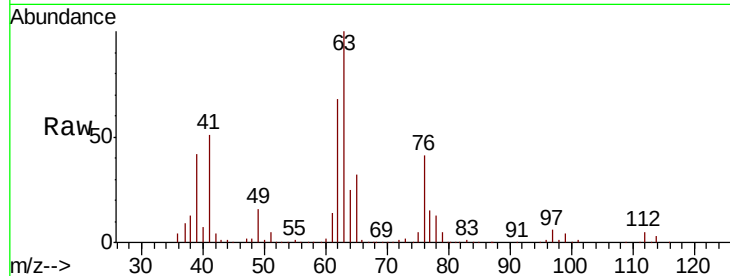




#45
 1,2-Dichloropropane
 Concen: 52.532 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX010734.D
 Acq: 09 Jul 2019 07:00

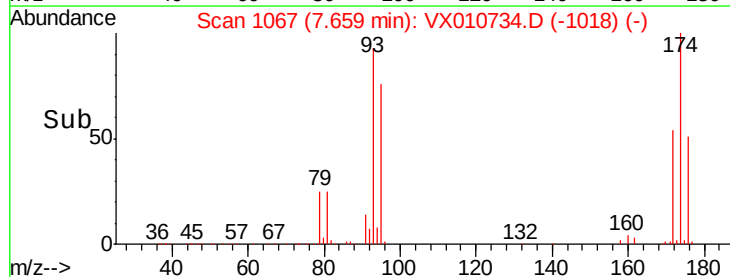
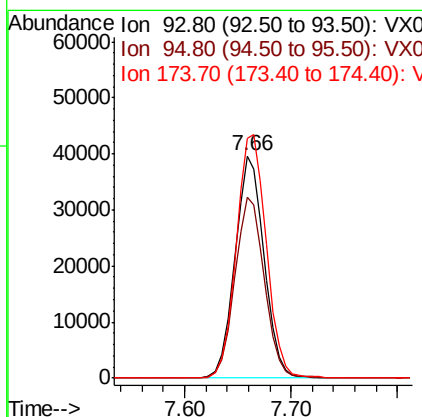
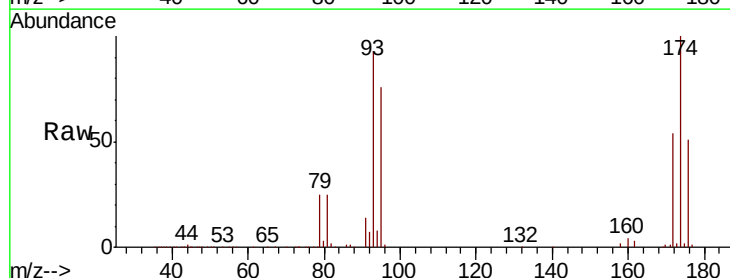
Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW359-190705MS

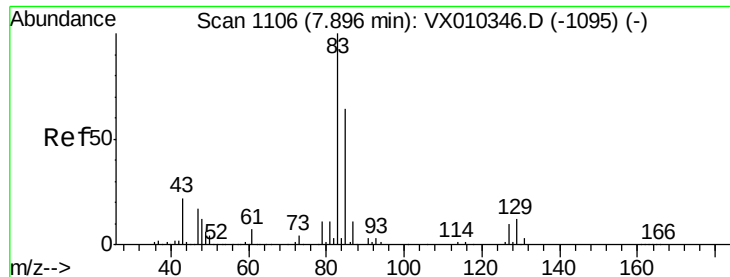
Tot Ion: 63 Resp: 104228
 Ion Ratio Lower Upper
 63 100
 65 32.1 24.8 37.2



#46
 Dibromomethane
 Concen: 53.420 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX010734.D
 Acq: 09 Jul 2019 07:00

Tgt Ion: 93 Resp: 76046
 Ion Ratio Lower Upper
 93 100
 95 83.1 67.5 101.3
 174 112.8 95.8 143.6





#47

Bromodichloromethane

Concen: 51.484 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010734.D

Acq: 09 Jul 2019 07:00

Instrument :

MSVOA_X

ClientSampleId :

WP022MW359-190705MS

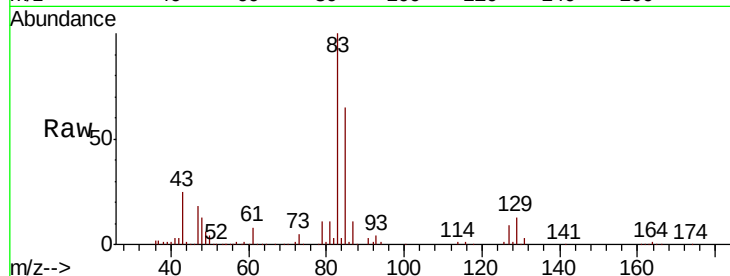
Tot Ion: 83 Resp: 134311

Ion Ratio Lower Upper

83 100

85 65.0 51.5 77.3

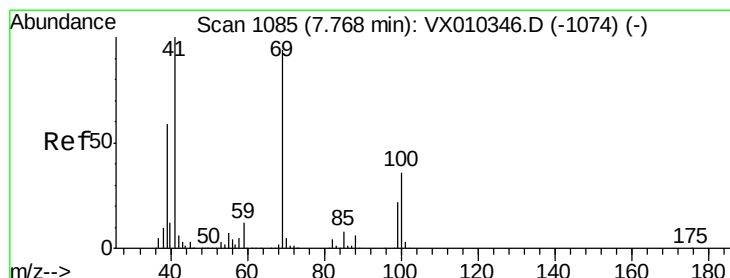
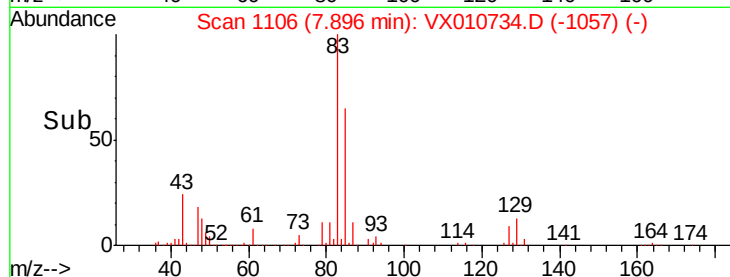
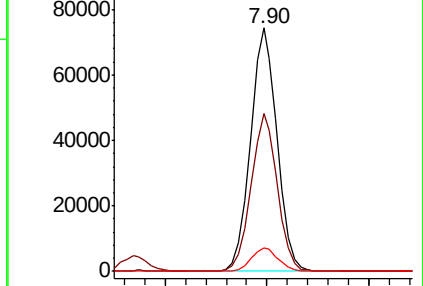
127 9.4 7.8 11.8



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: 55.011 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX010734.D

Acq: 09 Jul 2019 07:00

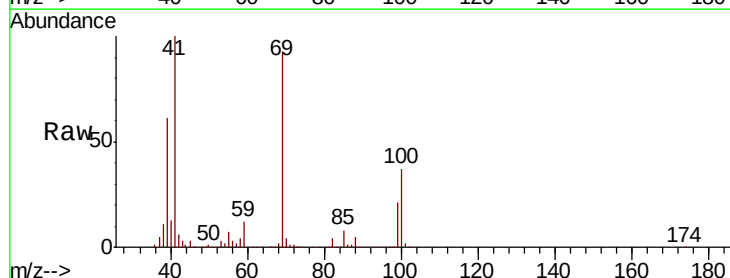
Tgt Ion: 41 Resp: 109757

Ion Ratio Lower Upper

41 100

69 94.2 76.1 114.1

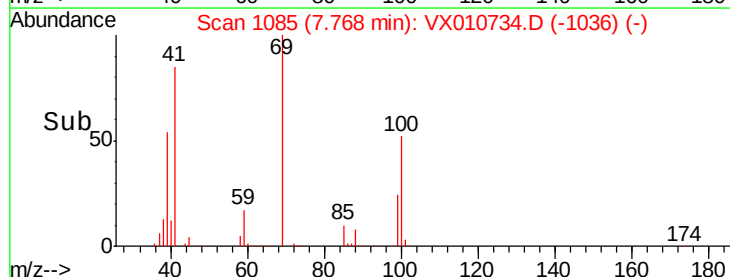
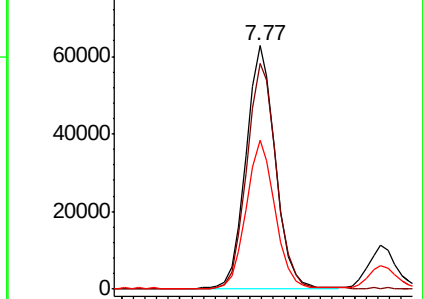
39 60.0 47.6 71.4

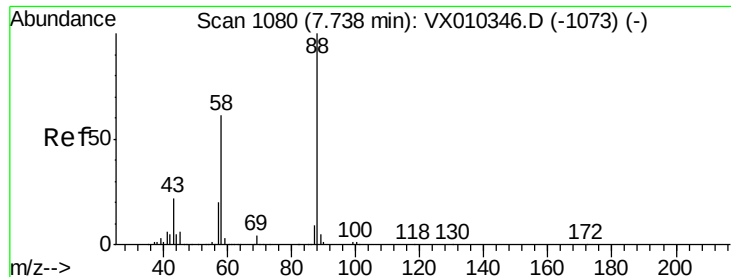


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

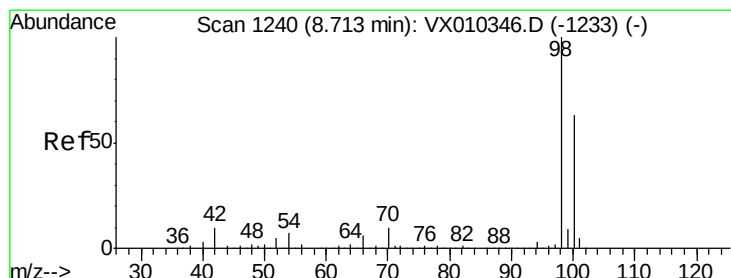
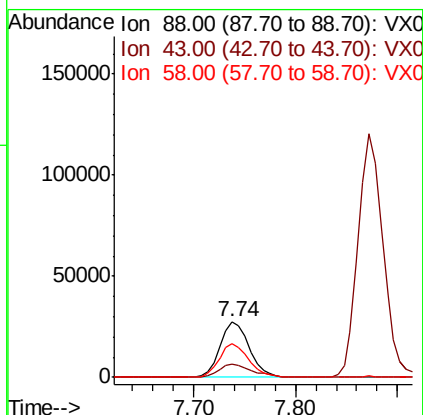
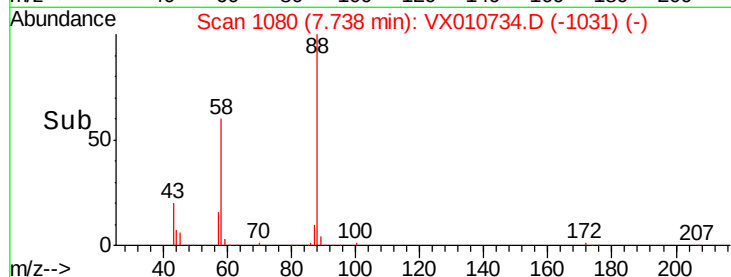
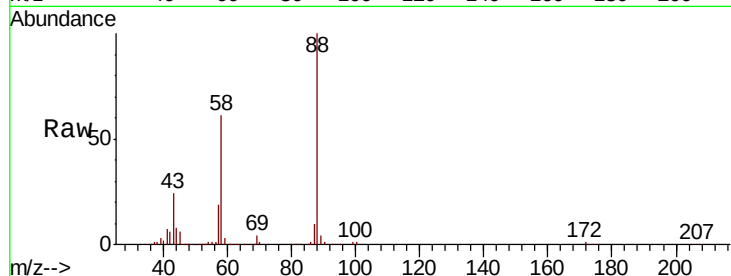




#49
1,4-Dioxane
Concen: 955.509 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX010734.D
Acq: 09 Jul 2019 07:00

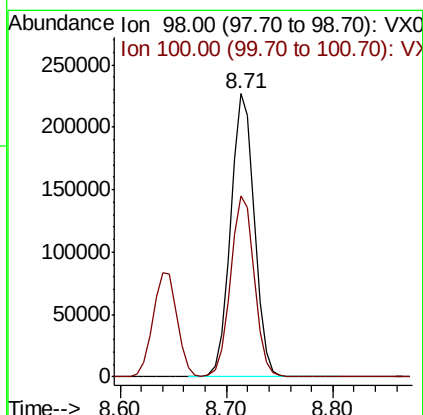
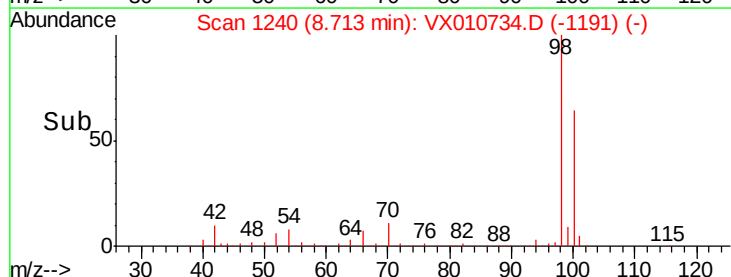
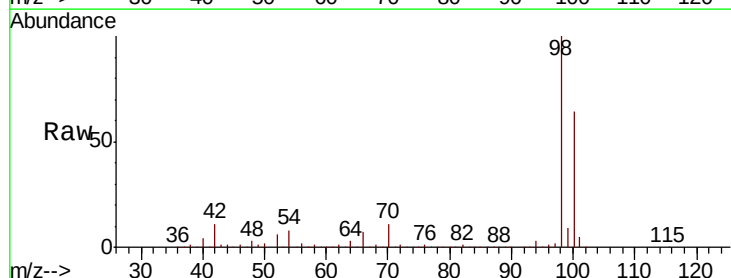
Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190705MS

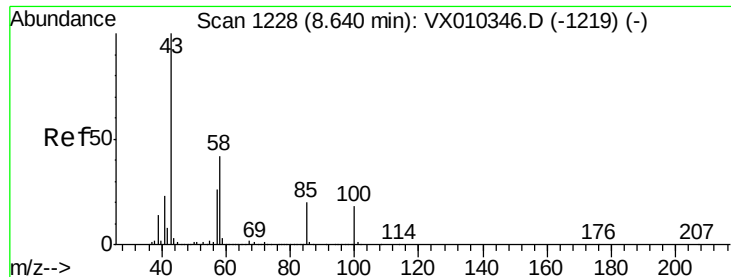
Tot Ion: 88 Resp: 54919
Ion Ratio Lower Upper
88 100
43 27.9 20.2 30.2
58 62.1 49.5 74.3



#50
Toluene-d8
Concen: 47.758 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010734.D
Acq: 09 Jul 2019 07:00

Tgt Ion: 98 Resp: 354776
Ion Ratio Lower Upper
98 100
100 64.2 51.6 77.4

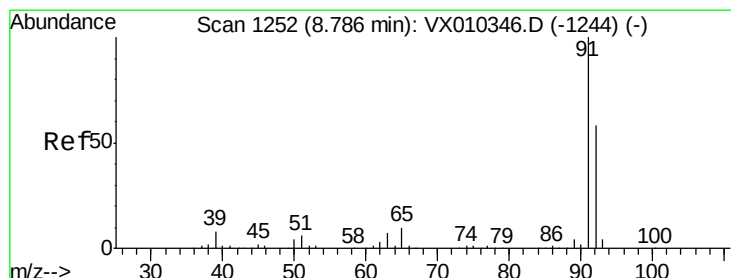
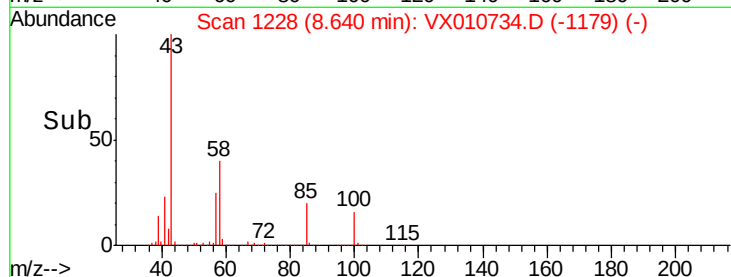
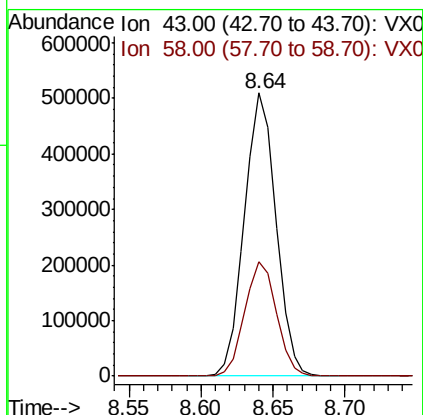
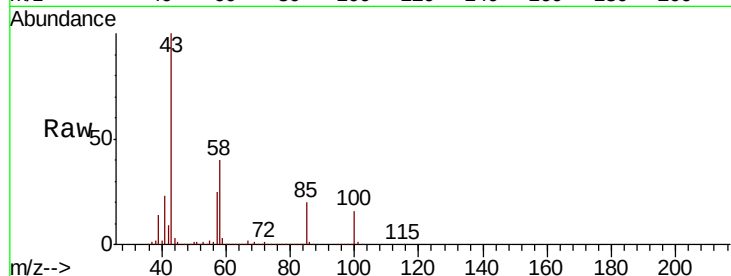




#51
 4-Methyl-2-Pentanone
 Concen: 282.572 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX010734.D
 Acq: 09 Jul 2019 07:00

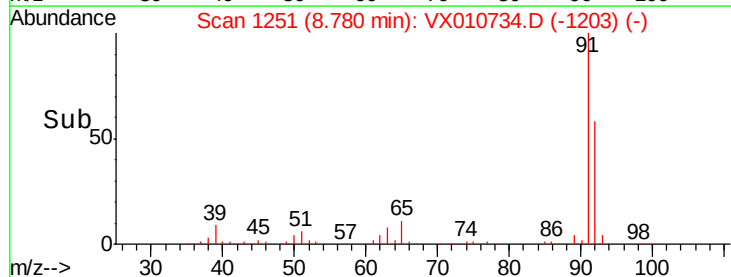
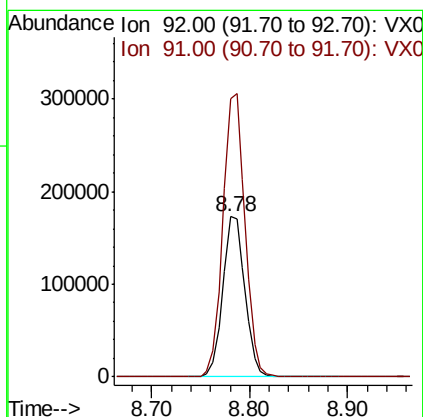
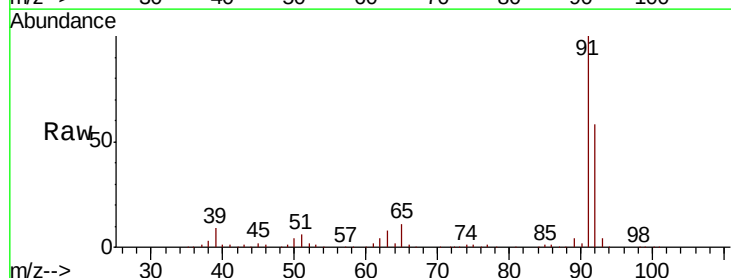
Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW359-190705MS

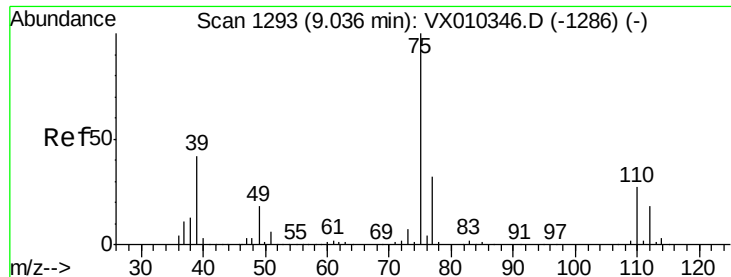
Tot Ion: 43 Resp: 775738
 Ion Ratio Lower Upper
 43 100
 58 40.7 33.5 50.3



#52
 Toluene
 Concen: 52.267 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: VX010734.D
 Acq: 09 Jul 2019 07:00

Tgt Ion: 92 Resp: 270431
 Ion Ratio Lower Upper
 92 100
 91 177.3 139.8 209.6

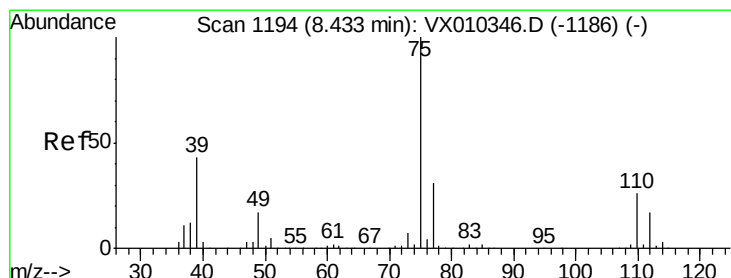
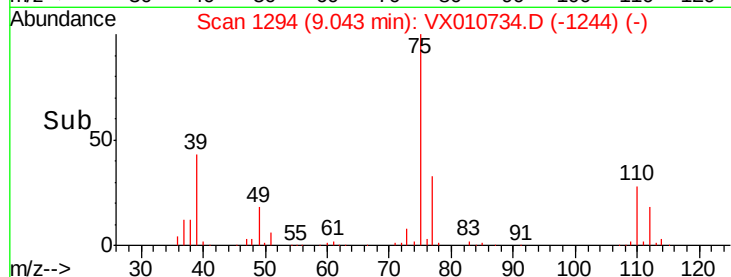
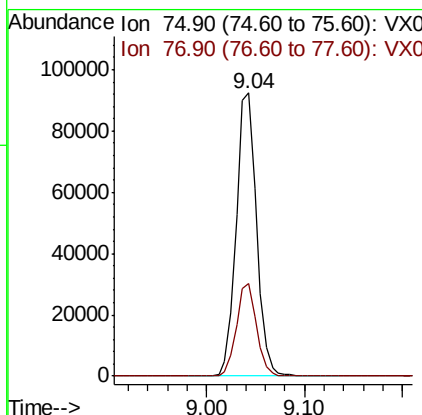
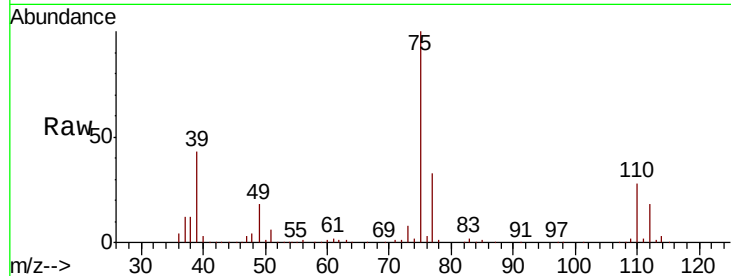




#53
 t-1,3-Dichloropropene
 Concen: 45.695 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.01 min
 Lab File: VX010734.D
 Acq: 09 Jul 2019 07:00

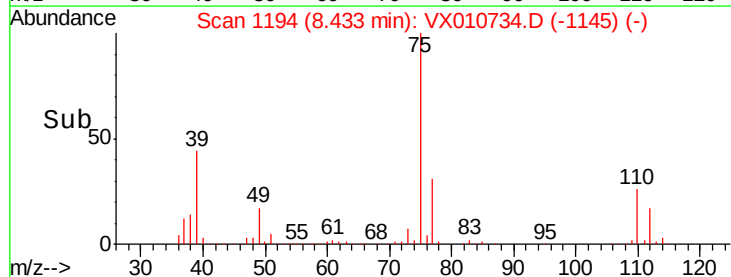
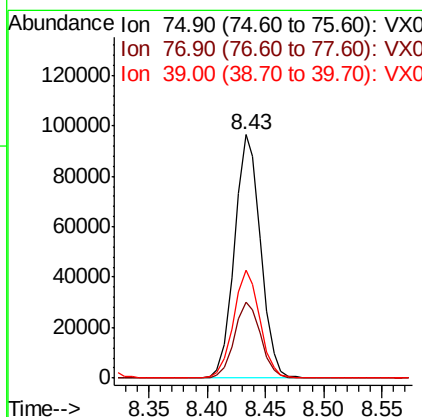
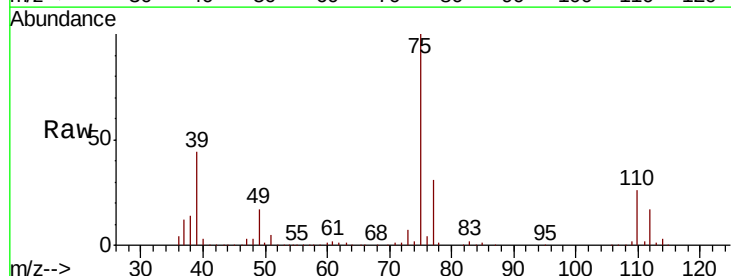
Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW359-190705MS

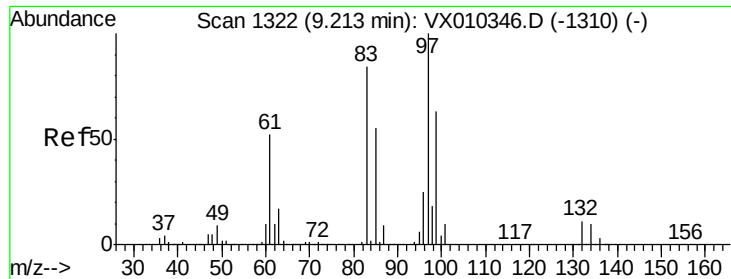
Tot Ion: 75 Resp: 133651
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 47.564 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX010734.D
 Acq: 09 Jul 2019 07:00

Tgt Ion: 75 Resp: 151181
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.2 37.8
 39 44.3 34.5 51.7

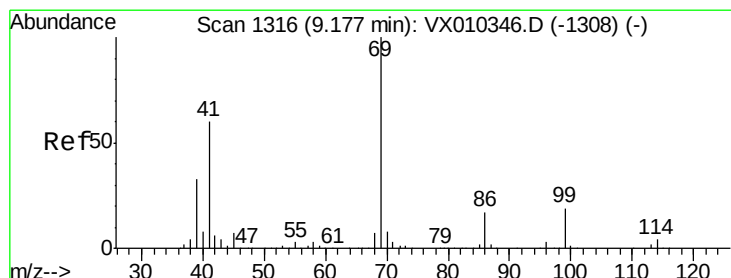
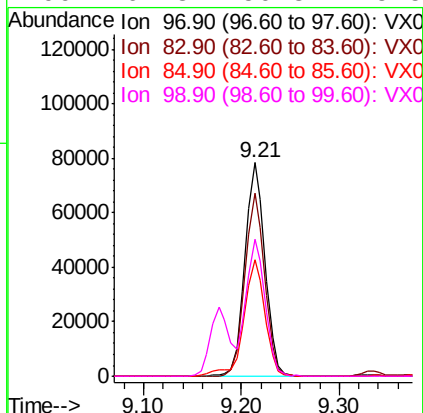
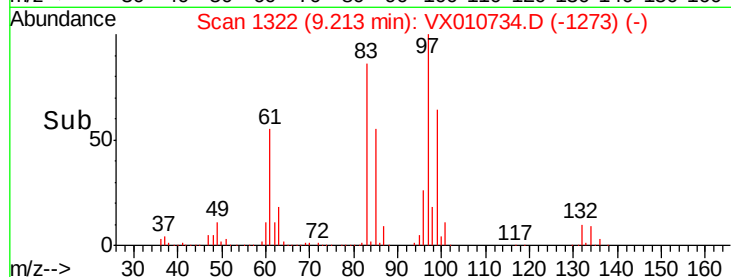
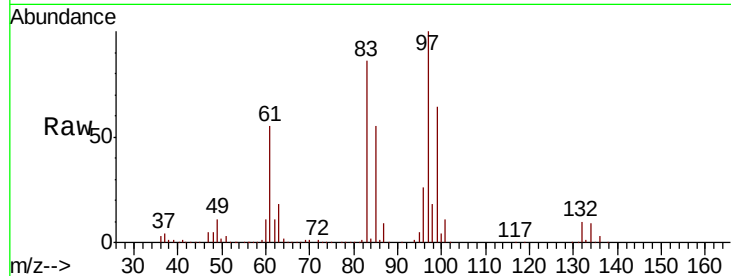




#55
 1,1,2-Trichloroethane
 Concen: 52.384 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010734.D
 Acq: 09 Jul 2019 07:00

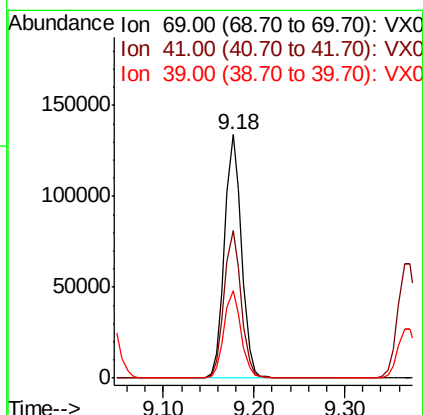
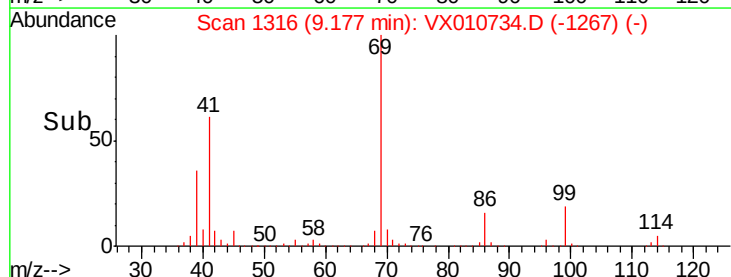
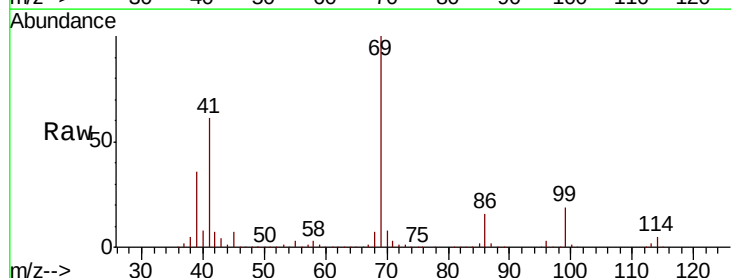
Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW359-190705MS

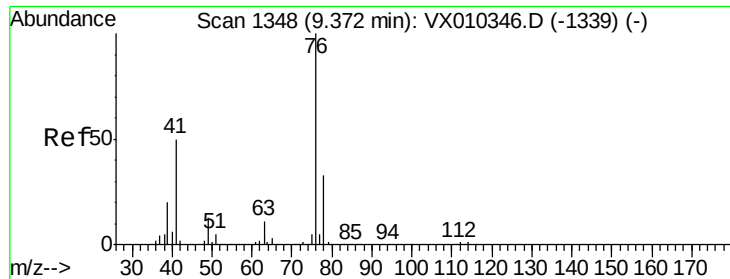
Tot Ion: 97 Resp: 111781
 Ion Ratio Lower Upper
 97 100
 83 86.0 67.4 101.0
 85 54.6 43.8 65.8
 99 64.3 50.3 75.5



#56
 Ethyl methacrylate
 Concen: 54.189 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010734.D
 Acq: 09 Jul 2019 07:00

Tgt Ion: 69 Resp: 175168
 Ion Ratio Lower Upper
 69 100
 41 60.6 47.1 70.7
 39 36.0 26.6 40.0





#57

1,3-Dichloropropane

Concen: 53.486 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX010734.D

Acq: 09 Jul 2019 07:00

Instrument :

MSVOA_X

ClientSampleId :

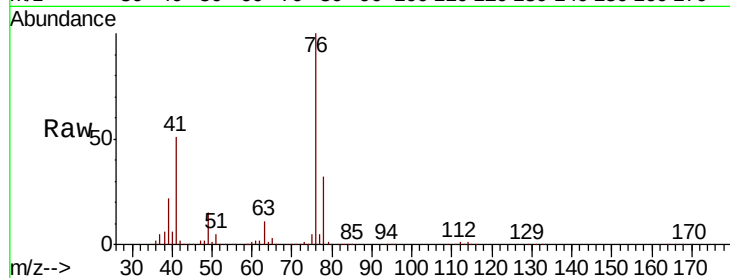
WP022MW359-190705MS

Tot Ion: 76 Resp: 177168

Ion Ratio Lower Upper

76 100

78 32.5 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

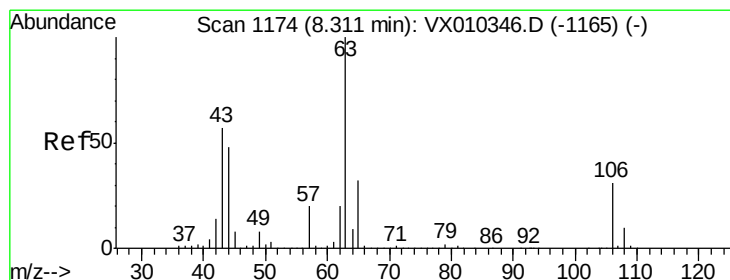
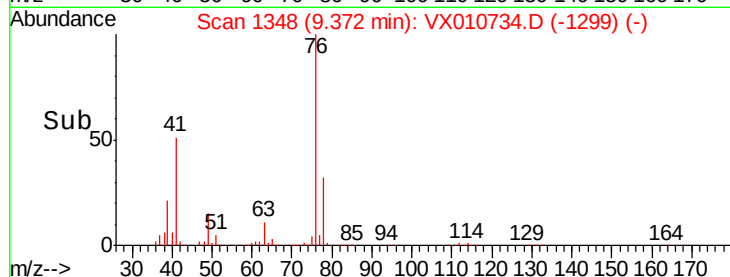
100000

50000

0

Time-->

9.30 9.35 9.40 9.45



#58

2-Chloroethyl Vinyl ether

Concen: 231.067 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX010734.D

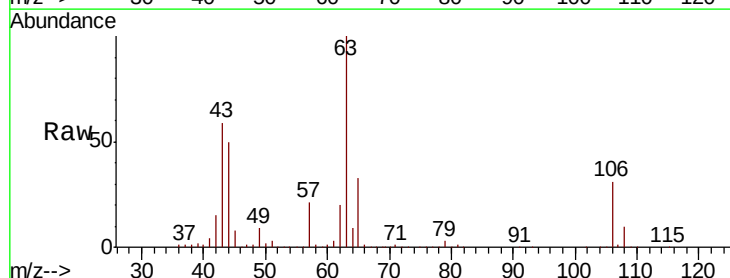
Acq: 09 Jul 2019 07:00

Tgt Ion: 63 Resp: 354741

Ion Ratio Lower Upper

63 100

106 30.5 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

250000

200000

150000

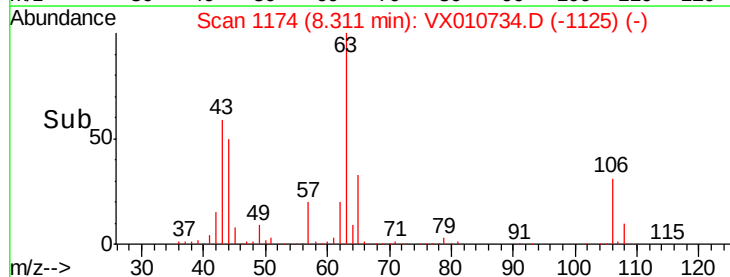
100000

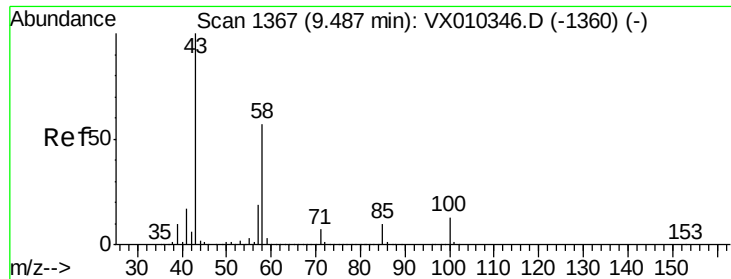
50000

0

Time-->

8.20 8.30 8.40

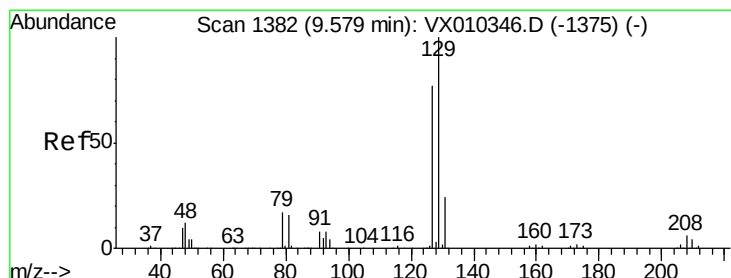
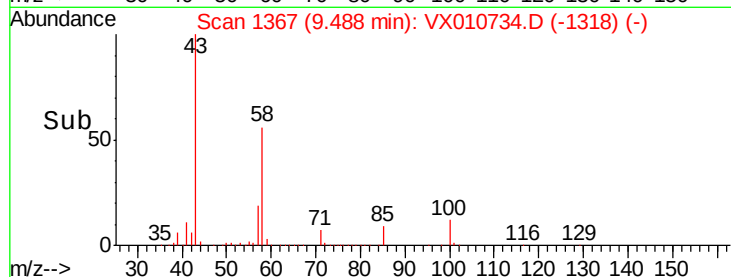
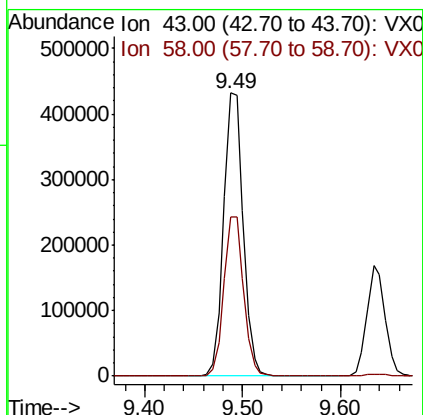
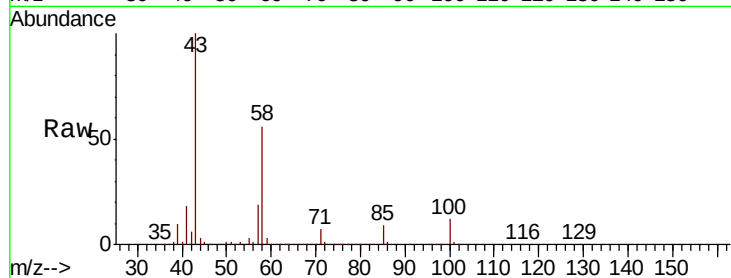




#59
2-Hexanone
Concen: 277.557 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010734.D
Acq: 09 Jul 2019 07:00

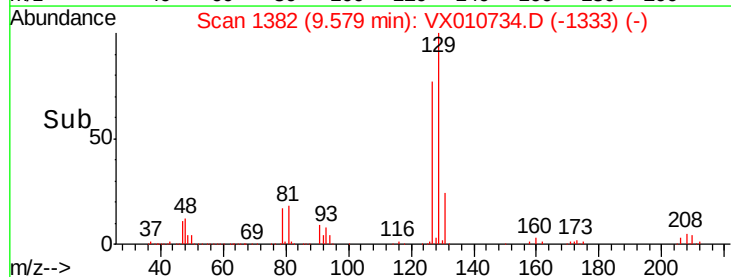
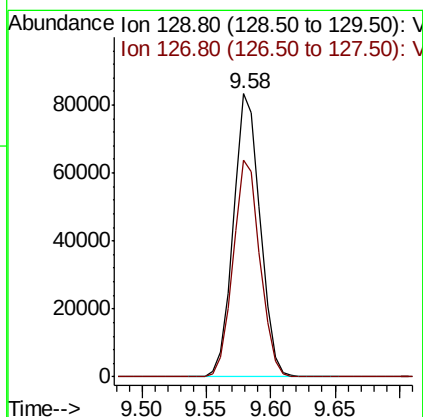
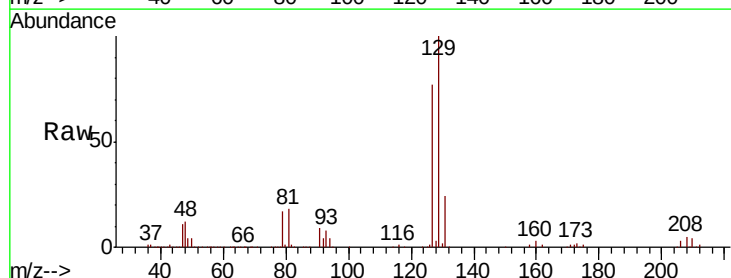
Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190705MS

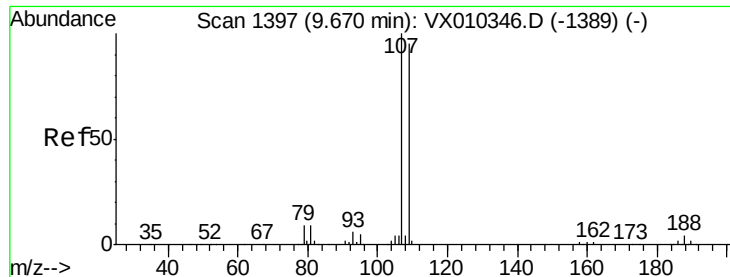
Tot Ion: 43 Resp: 599699
Ion Ratio Lower Upper
43 100
58 57.0 29.0 87.1



#60
Dibromochloromethane
Concen: 50.447 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010734.D
Acq: 09 Jul 2019 07:00

Tgt Ion: 129 Resp: 120530
Ion Ratio Lower Upper
129 100
127 76.8 38.4 115.1

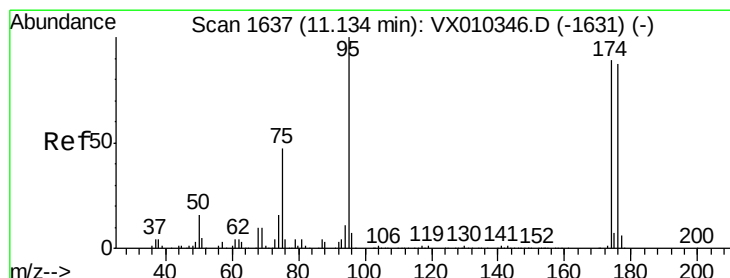
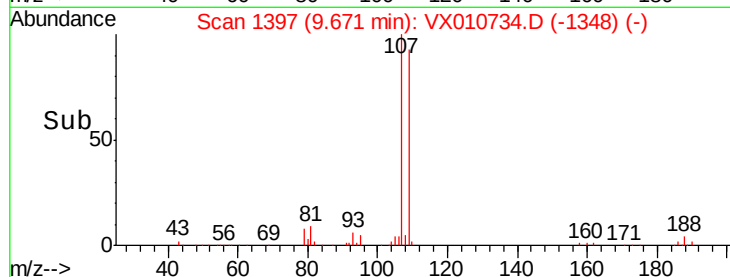
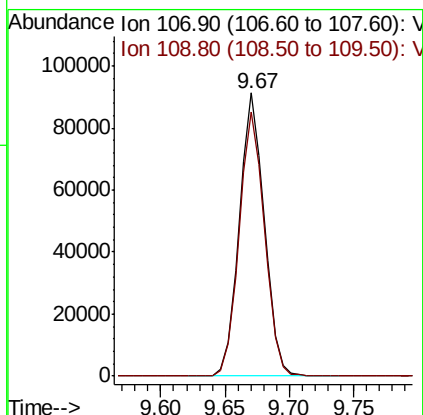
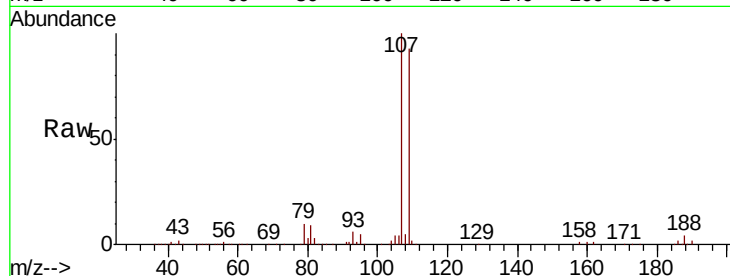




#61
 1,2-Dibromoethane
 Concen: 53.022 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX010734.D
 Acq: 09 Jul 2019 07:00

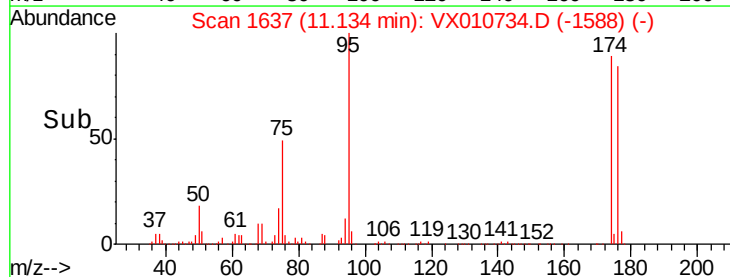
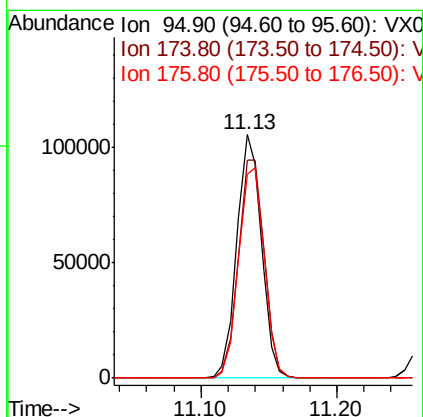
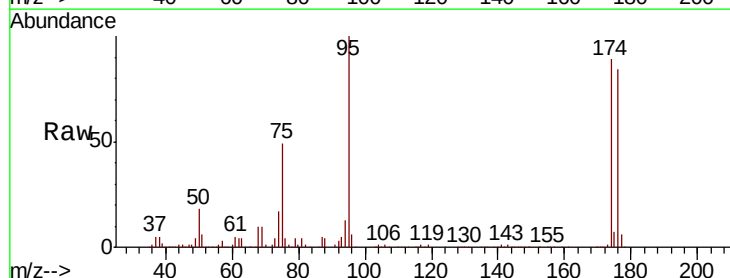
Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW359-190705MS

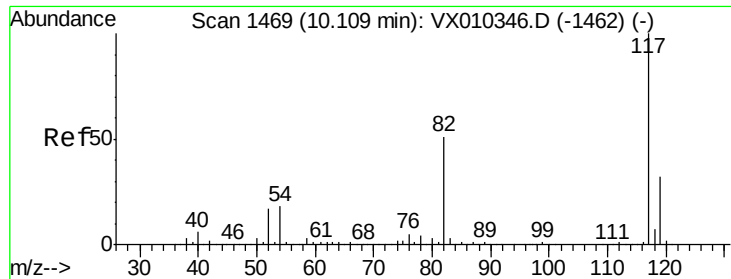
Tot Ion: 107 Resp: 122125
 Ion Ratio Lower Upper
 107 100
 109 94.8 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 49.443 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX010734.D
 Acq: 09 Jul 2019 07:00

Tgt Ion: 95 Resp: 132602
 Ion Ratio Lower Upper
 95 100
 174 94.6 0.0 187.6
 176 90.6 0.0 184.0

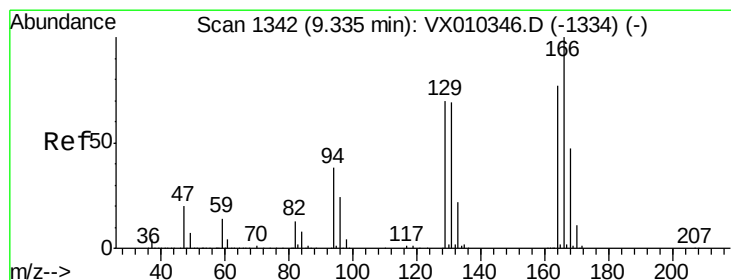
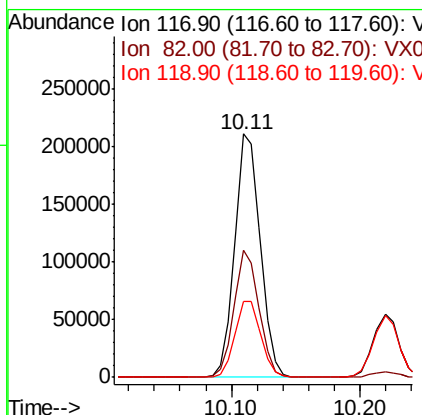
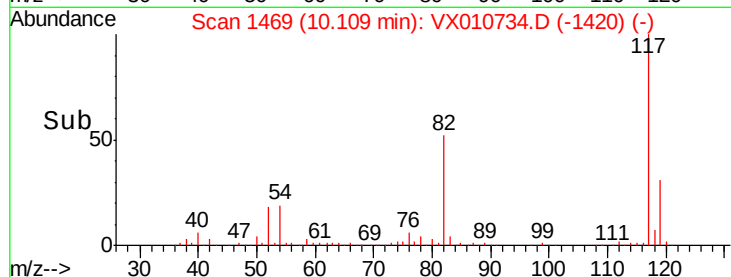
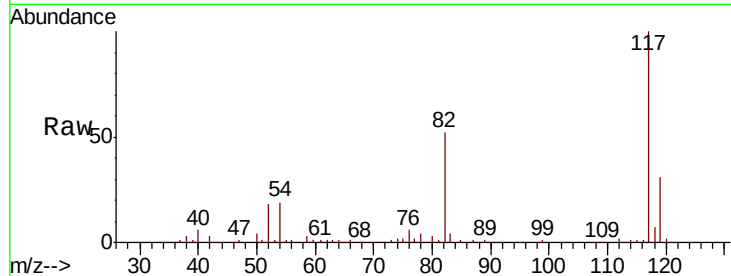




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010734.D
Acq: 09 Jul 2019 07:00

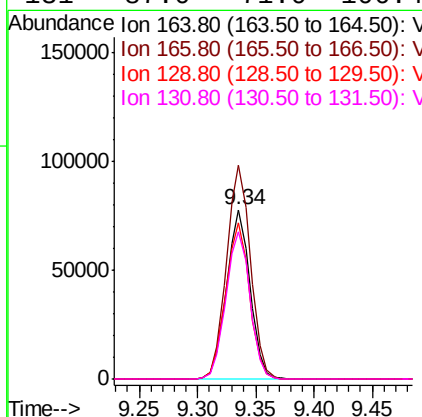
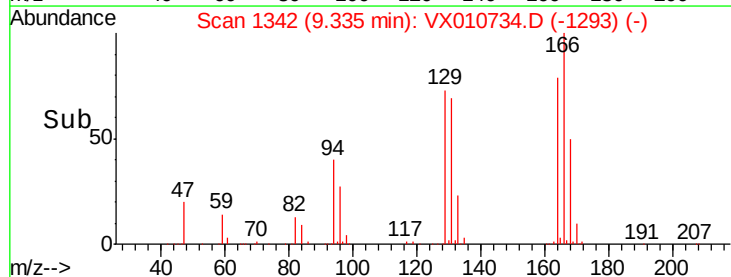
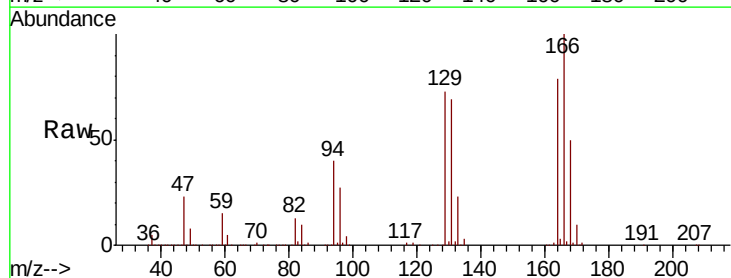
Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190705MS

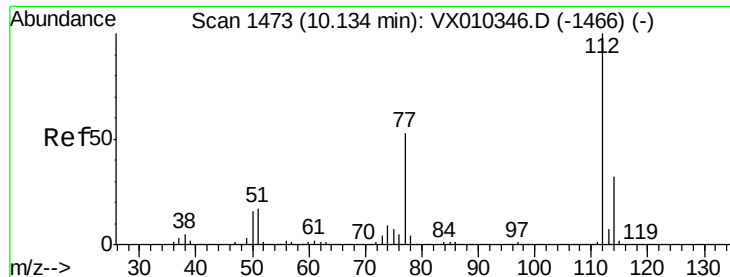
Tot Ion:117 Resp: 291948
Ion Ratio Lower Upper
117 100
82 52.0 41.2 61.8
119 31.3 25.5 38.3



#64
Tetrachloroethene
Concen: 46.227 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010734.D
Acq: 09 Jul 2019 07:00

Tgt Ion:164 Resp: 109158
Ion Ratio Lower Upper
164 100
166 126.1 103.6 155.4
129 92.4 73.0 109.4
131 87.0 71.0 106.4





#65

Chlorobenzene

Concen: 189.899 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX010734.D

Acq: 09 Jul 2019 07:00

Instrument :

MSVOA_X

ClientSampleId :

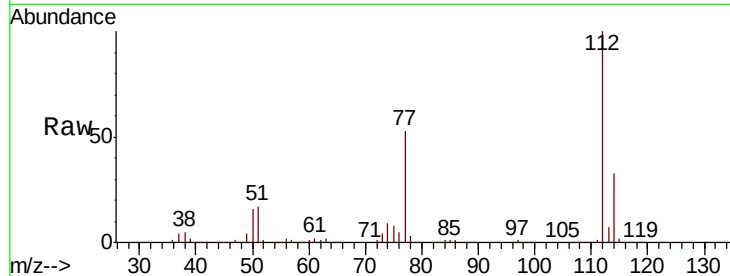
WP022MW359-190705MS

Tot Ion:112 Resp: 1125553

Ion Ratio Lower Upper

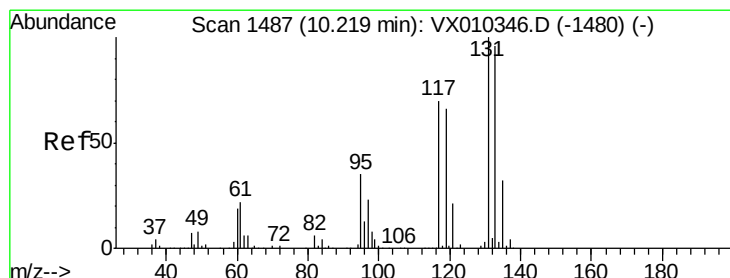
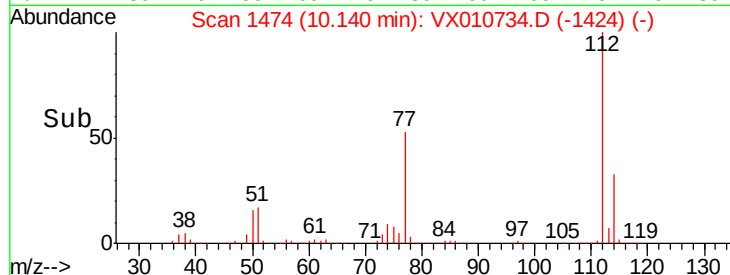
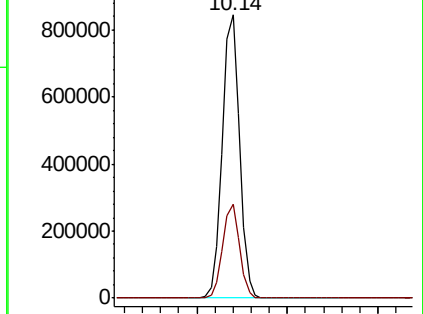
112 100

114 33.1 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: 52.127 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX010734.D

Acq: 09 Jul 2019 07:00

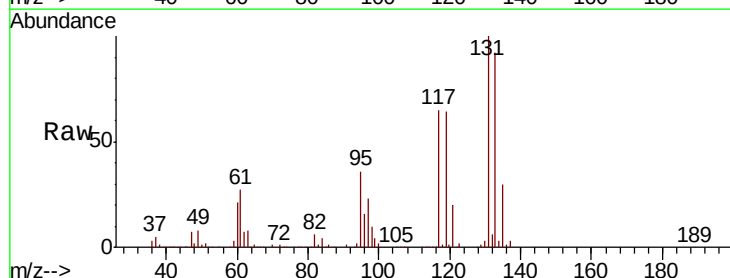
Tgt Ion:131 Resp: 112541

Ion Ratio Lower Upper

131 100

133 93.8 47.7 143.1

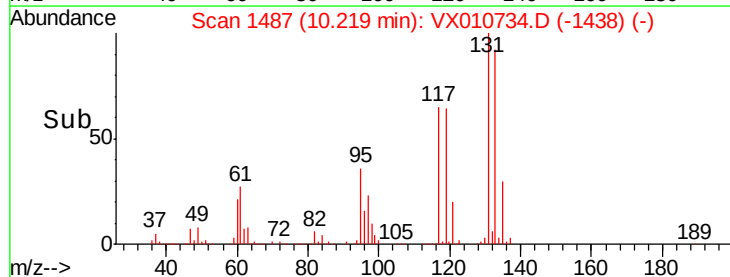
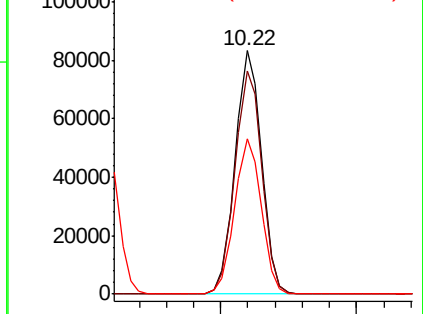
119 64.7 32.6 97.7

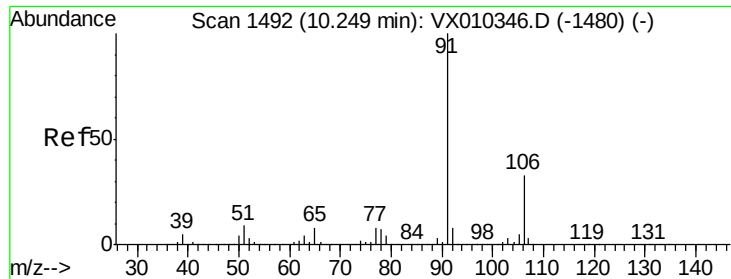


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

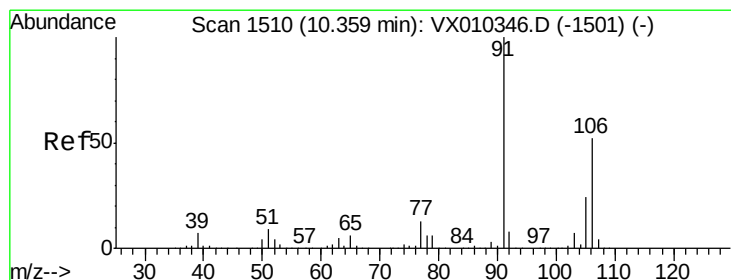
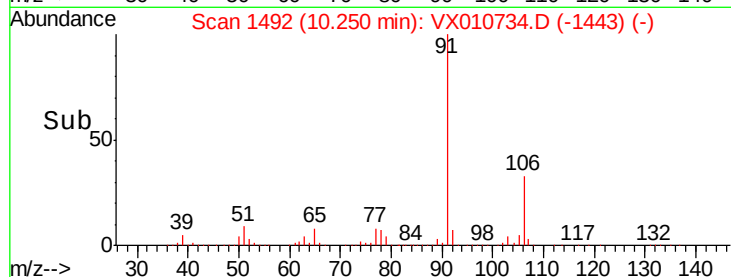
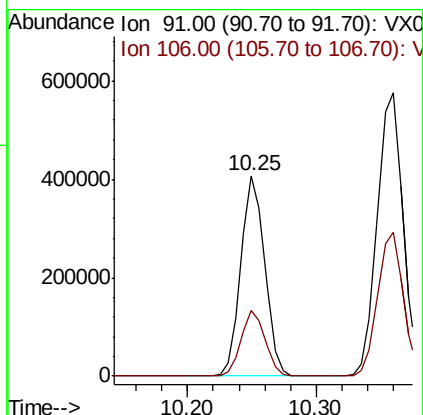
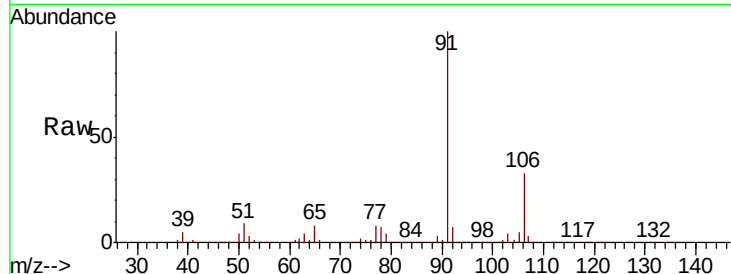




#67
Ethyl Benzene
Concen: 52.376 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010734.D
Acq: 09 Jul 2019 07:00

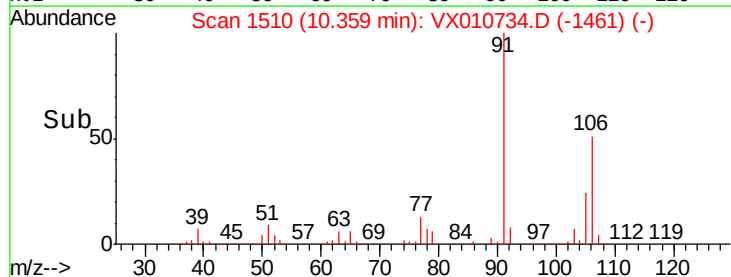
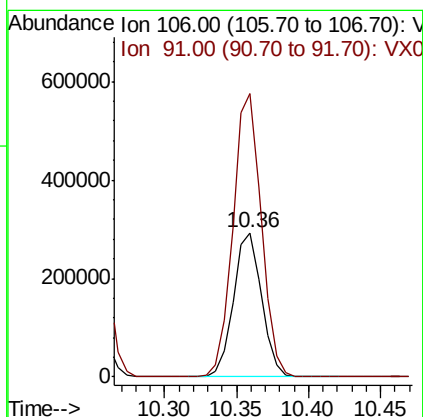
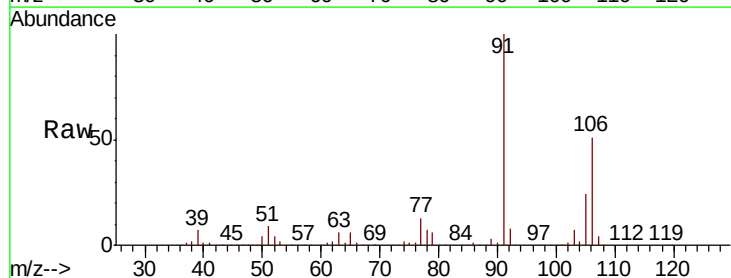
Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190705MS

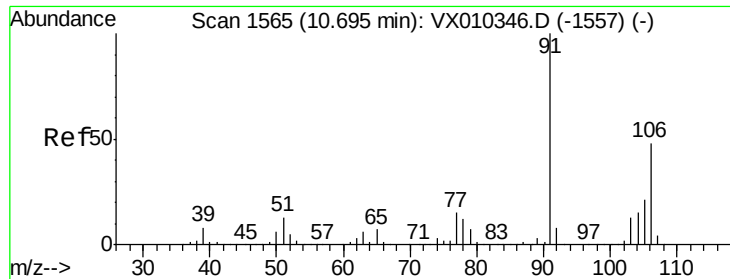
Tot Ion: 91 Resp: 524083
Ion Ratio Lower Upper
91 100
106 32.6 26.2 39.2



#68
m/p-Xylenes
Concen: 103.231 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010734.D
Acq: 09 Jul 2019 07:00

Tgt Ion: 106 Resp: 400246
Ion Ratio Lower Upper
106 100
91 198.0 155.3 232.9

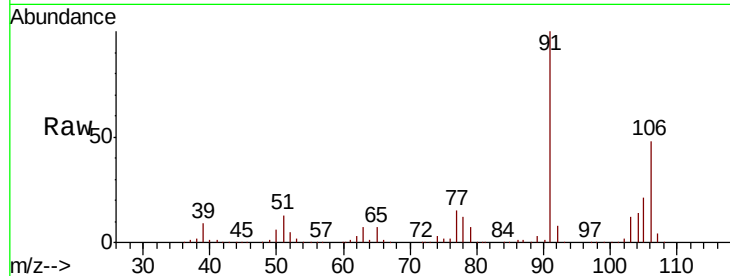




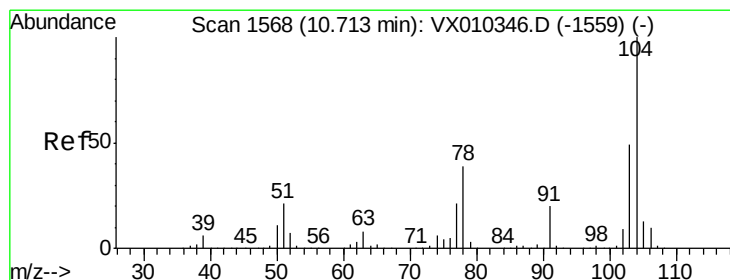
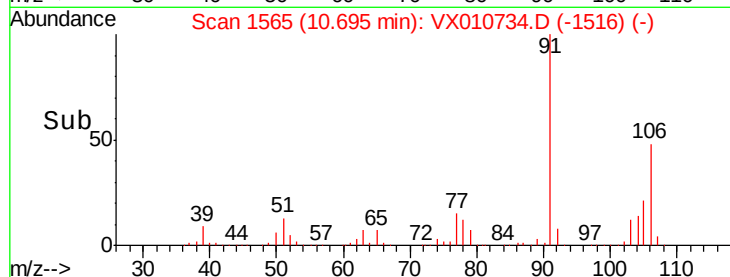
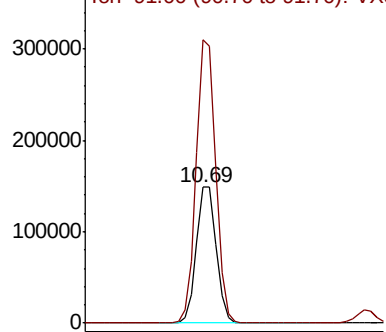
#69
o-Xylene
Concen: 52.701 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010734.D
Acq: 09 Jul 2019 07:00

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190705MS

Tot Ion:106 Resp: 200942
Ion Ratio Lower Upper
106 100
91 204.5 102.7 308.1

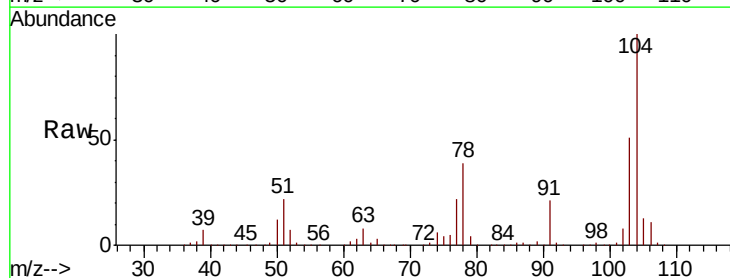


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

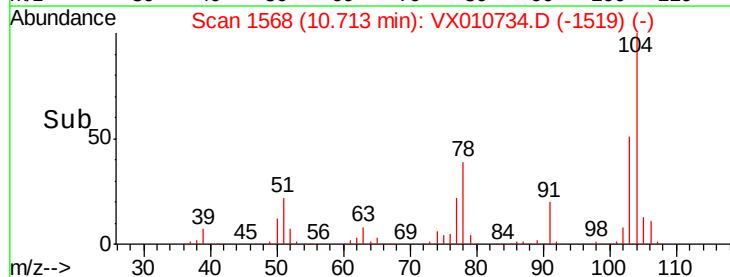
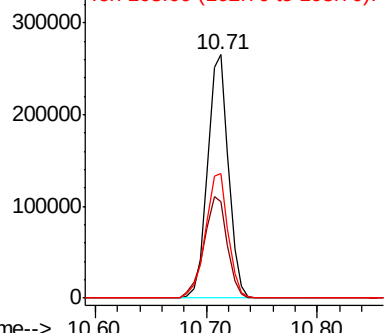


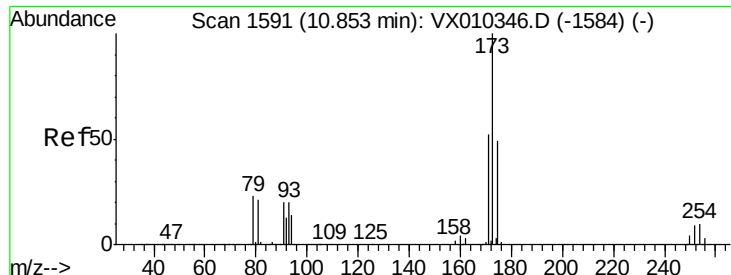
#70
Styrene
Concen: 53.621 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX010734.D
Acq: 09 Jul 2019 07:00

Tgt Ion:104 Resp: 342865
Ion Ratio Lower Upper
104 100
78 46.5 36.2 54.2
103 55.5 44.2 66.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 48.533 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010734.D

Acq: 09 Jul 2019 07:00

Instrument :

MSVOA_X

ClientSampleId :

WP022MW359-190705MS

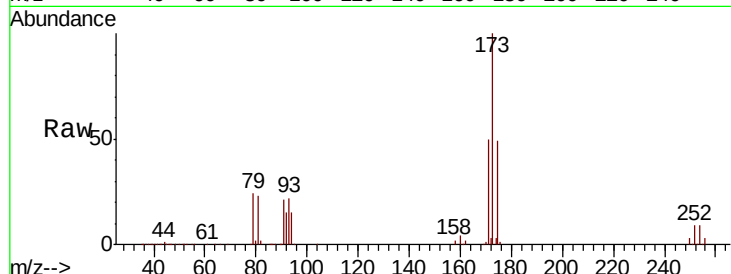
Tot Ion:173 Resp: 91119

Ion Ratio Lower Upper

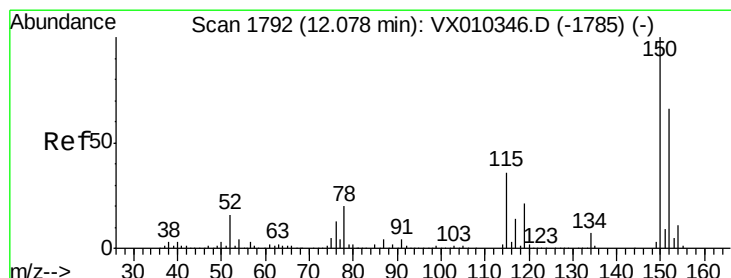
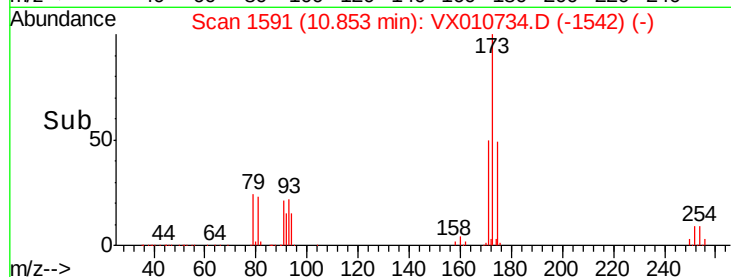
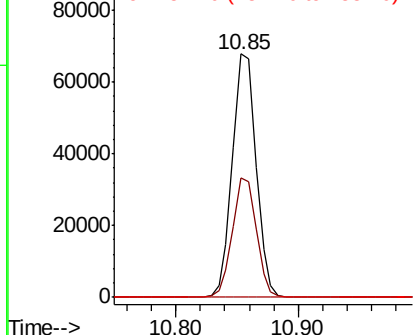
173 100

175 49.2 24.1 72.3

254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010734.D

Acq: 09 Jul 2019 07:00

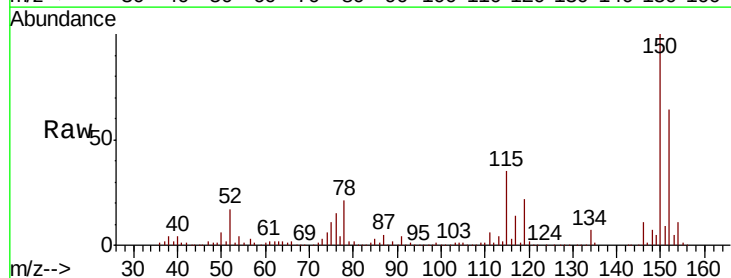
Tgt Ion:152 Resp: 154461

Ion Ratio Lower Upper

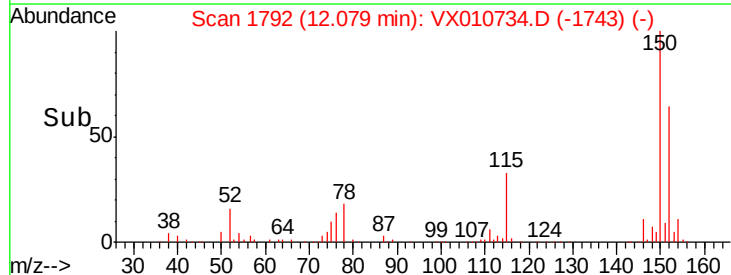
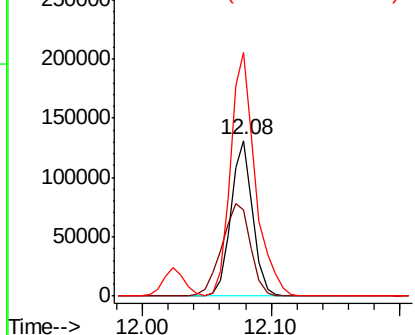
152 100

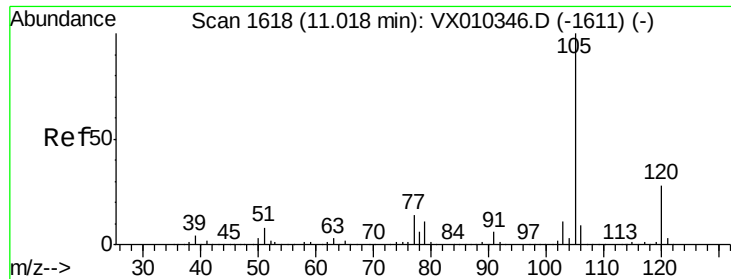
115 79.5 38.6 115.7

150 177.7 0.0 347.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.336 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010734.D

Acq: 09 Jul 2019 07:00

Instrument :

MSVOA_X

ClientSampleId :

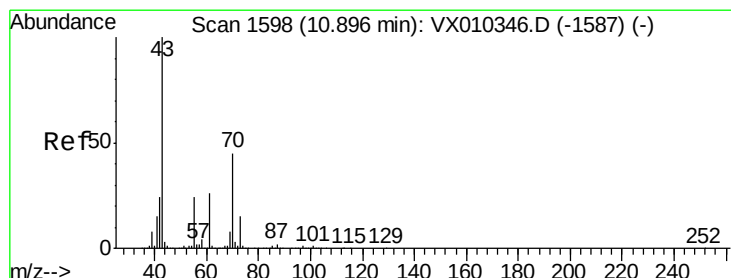
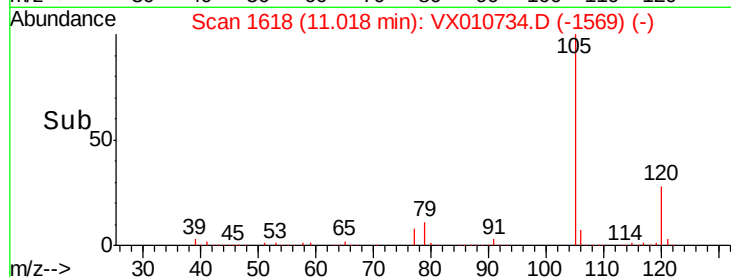
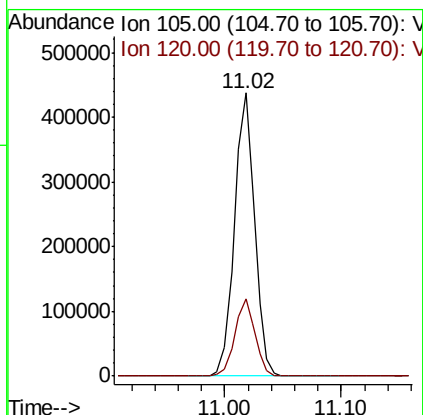
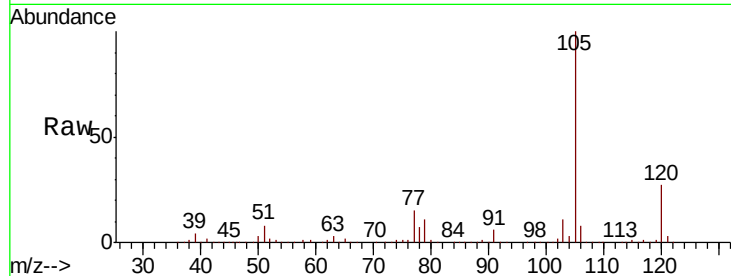
WP022MW359-190705MS

Tot Ion:105 Resp: 527041

Ion Ratio Lower Upper

105 100

120 27.1 14.1 42.4



#74

N-ethyl acetate

Concen: 55.531 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010734.D

Acq: 09 Jul 2019 07:00

Tgt Ion: 43 Resp: 219738

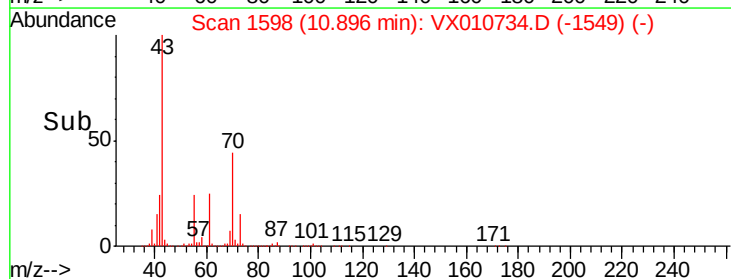
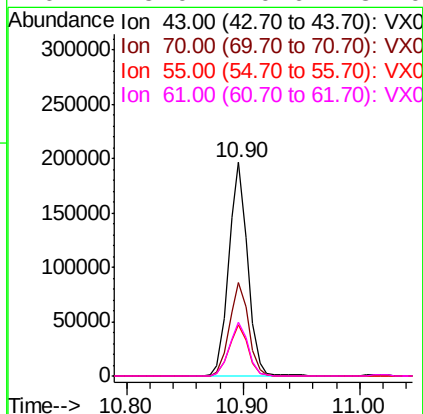
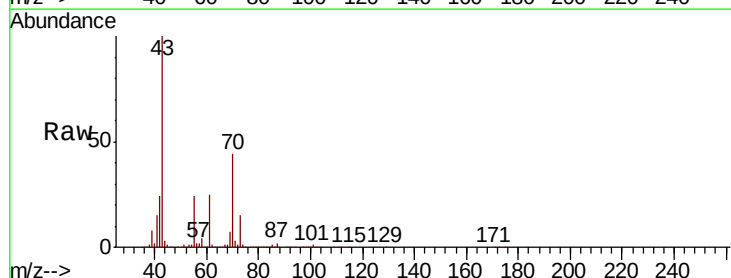
Ion Ratio Lower Upper

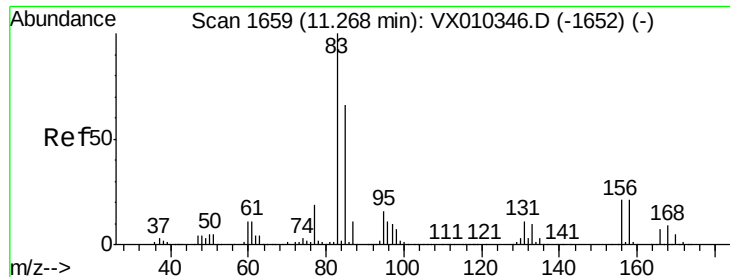
43 100

70 44.5 36.6 54.8

55 24.1 18.7 28.1

61 25.0 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 52.044 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010734.D

Acq: 09 Jul 2019 07:00

Instrument :

MSVOA_X

ClientSampleId :

WP022MW359-190705MS

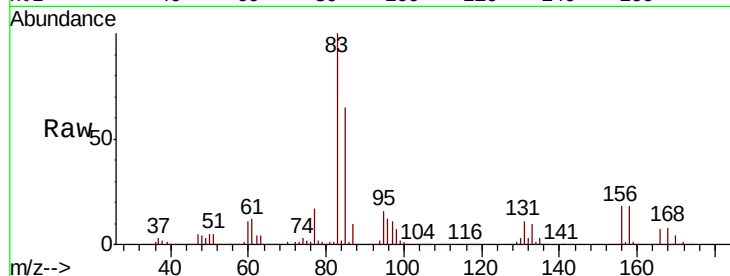
Tot Ion: 83 Resp: 180466

Ion Ratio Lower Upper

83 100

131 11.2 5.5 16.4

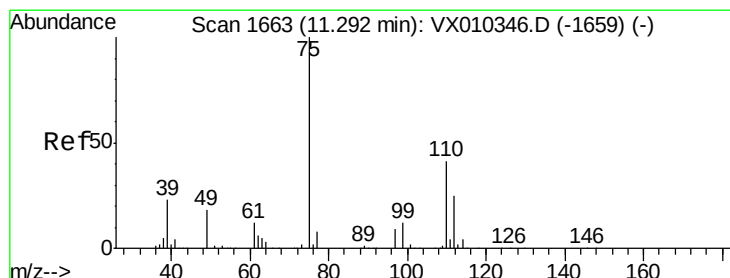
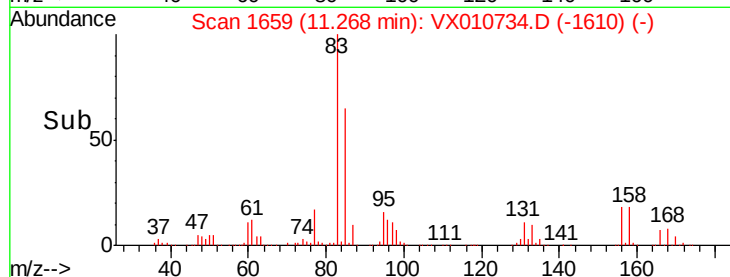
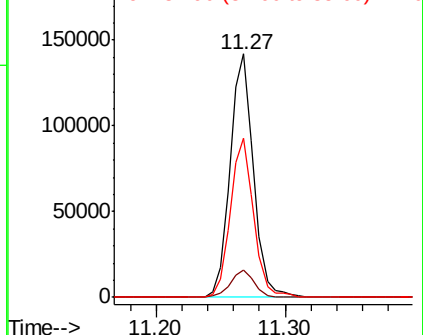
85 64.9 32.3 96.8



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: 66.847 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010734.D

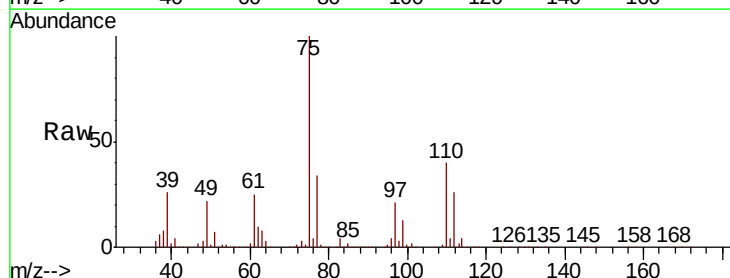
Acq: 09 Jul 2019 07:00

Tgt Ion: 75 Resp: 188152

Ion Ratio Lower Upper

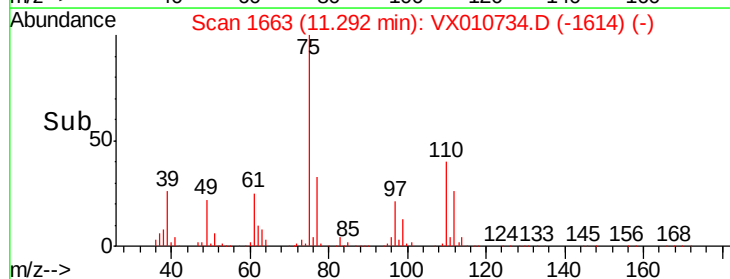
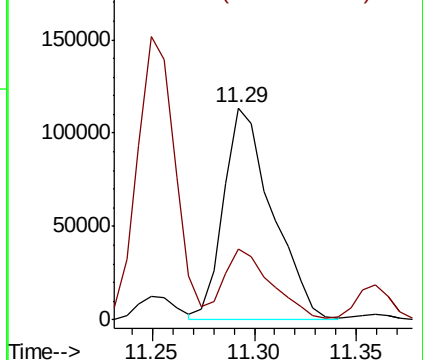
75 100

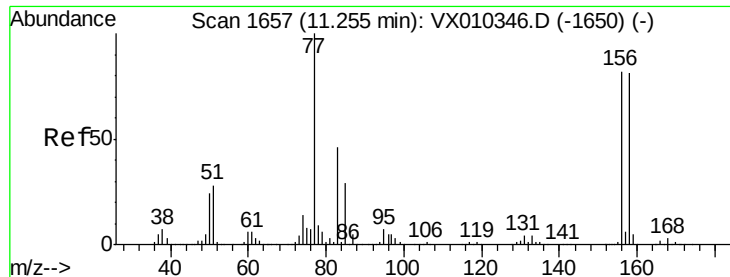
77 32.8 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.770 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010734.D

Acq: 09 Jul 2019 07:00

Instrument :

MSVOA_X

ClientSampleId :

WP022MW359-190705MS

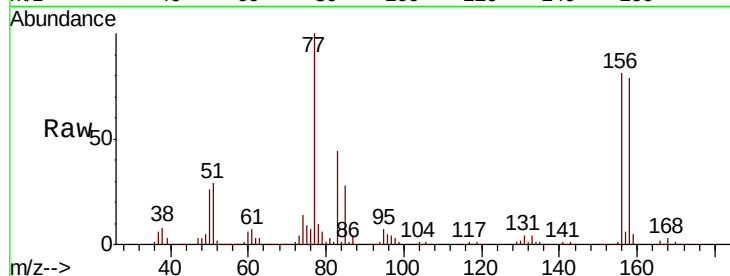
Tot Ion:156 Resp: 145511

Ion Ratio Lower Upper

156 100

77 133.6 66.3 198.7

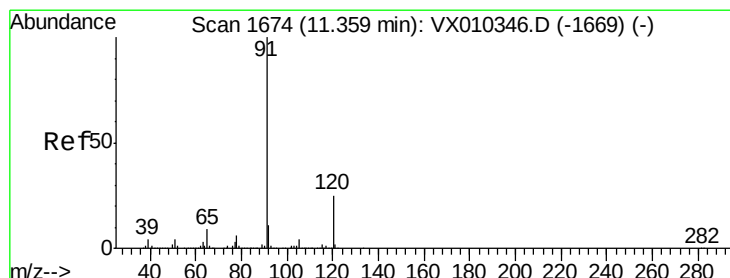
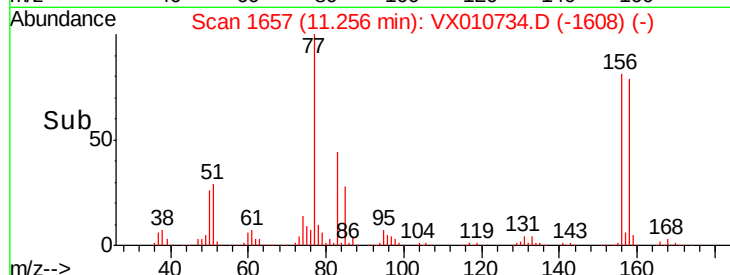
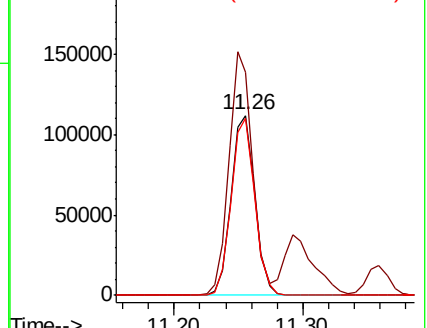
158 97.4 48.9 146.7



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: 50.983 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010734.D

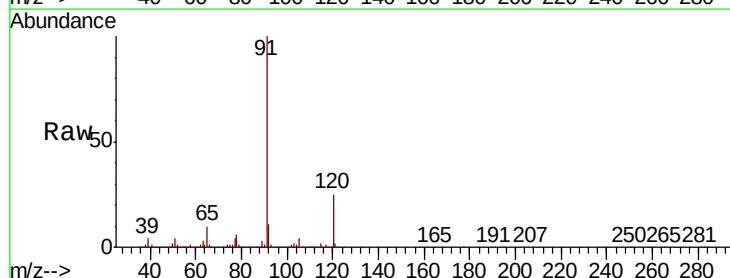
Acq: 09 Jul 2019 07:00

Tgt Ion: 91 Resp: 586689

Ion Ratio Lower Upper

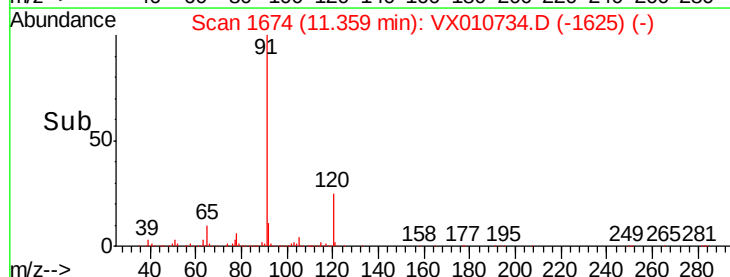
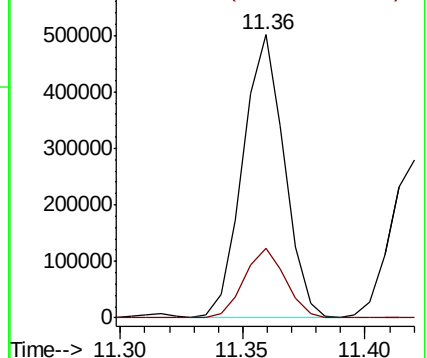
91 100

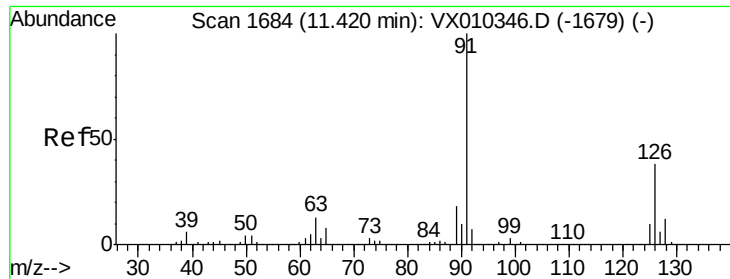
120 24.7 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

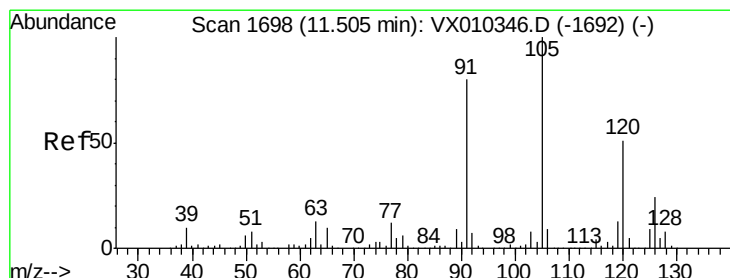
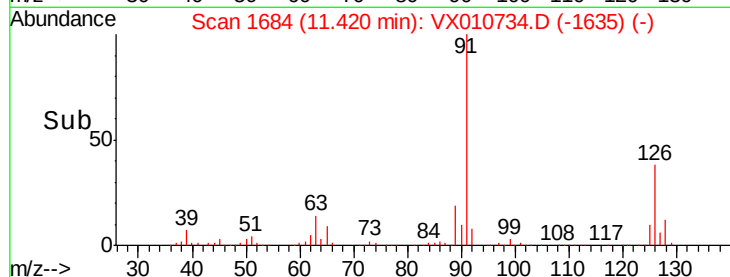
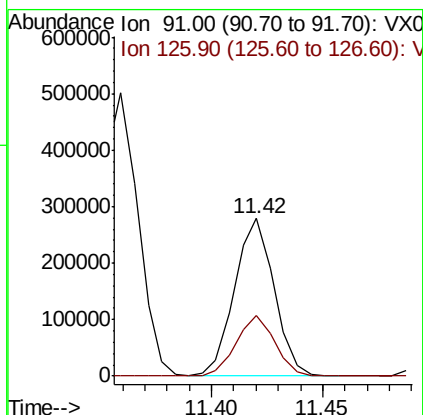
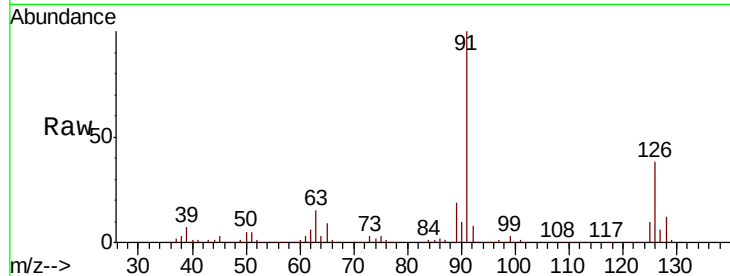




#79
 2-Chlorotoluene
 Concen: 50.417 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX010734.D
 Acq: 09 Jul 2019 07:00

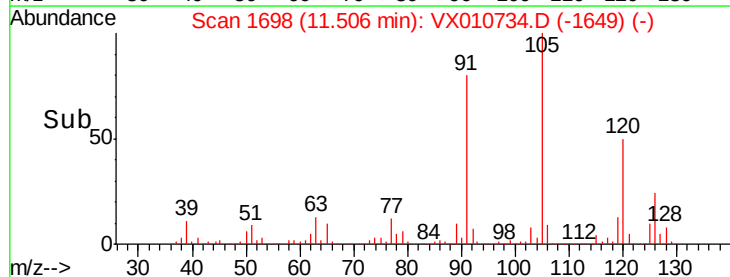
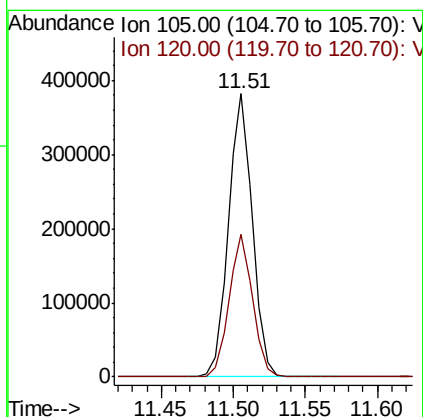
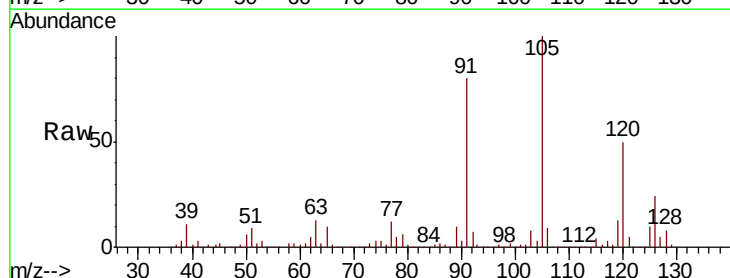
Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW359-190705MS

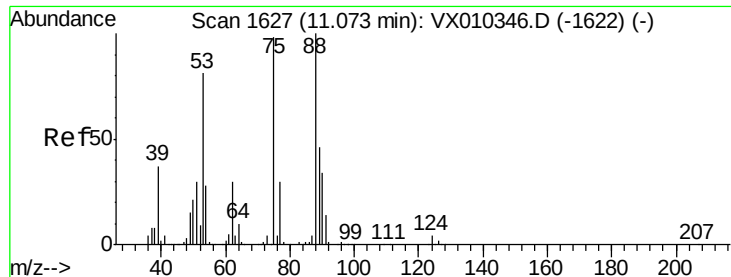
Tot Ion: 91 Resp: 345483
 Ion Ratio Lower Upper
 91 100
 126 37.8 18.7 56.1



#80
 1,3,5-Trimethylbenzene
 Concen: 51.613 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010734.D
 Acq: 09 Jul 2019 07:00

Tgt Ion: 105 Resp: 445509
 Ion Ratio Lower Upper
 105 100
 120 49.8 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 36.415 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX010734.D

Acq: 09 Jul 2019 07:00

Instrument :

MSVOA_X

ClientSampleId :

WP022MW359-190705MS

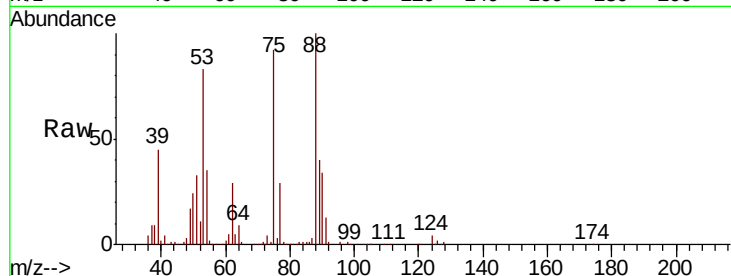
Tot Ion: 75 Resp: 43936

Ion Ratio Lower Upper

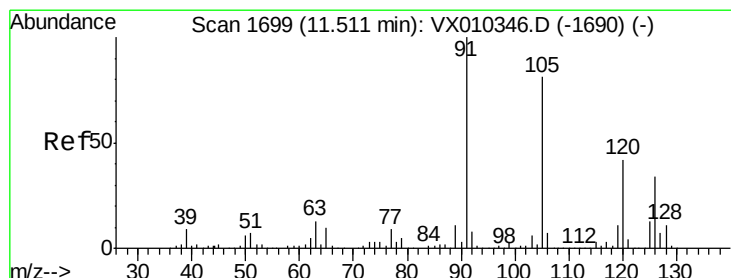
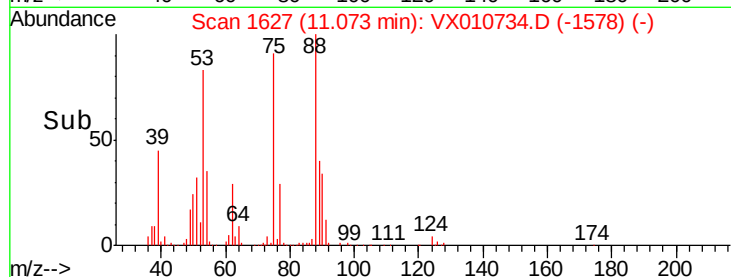
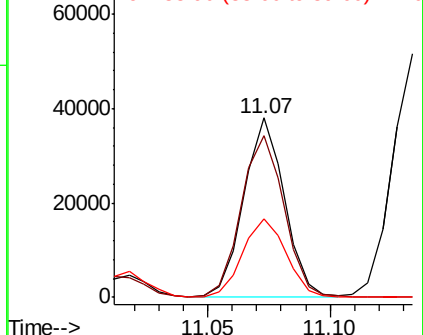
75 100

53 95.0 66.1 99.1

89 47.2 37.8 56.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 51.877 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX010734.D

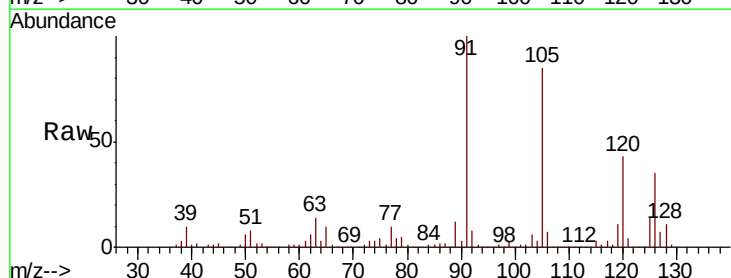
Acq: 09 Jul 2019 07:00

Tgt Ion: 91 Resp: 404505

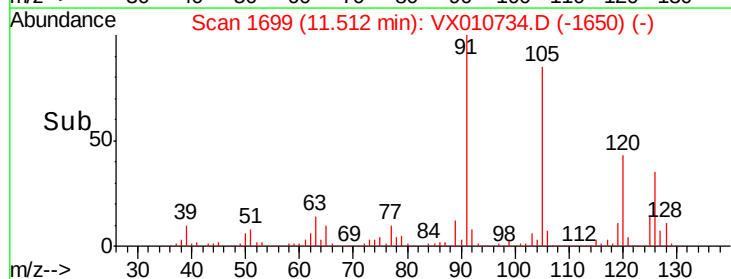
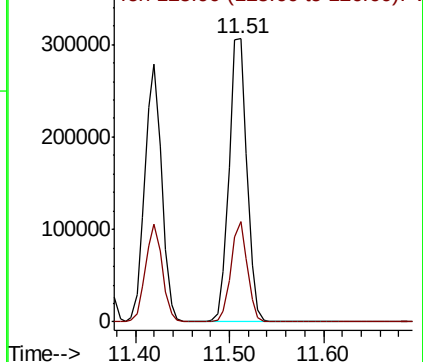
Ion Ratio Lower Upper

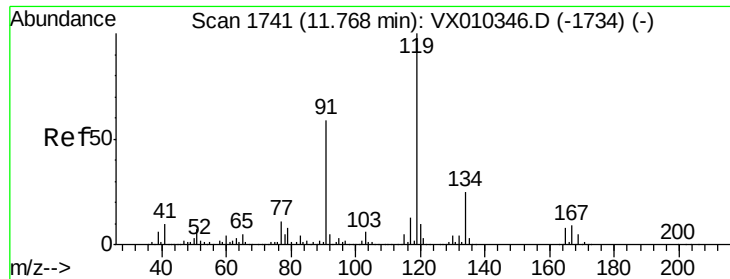
91 100

126 32.4 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

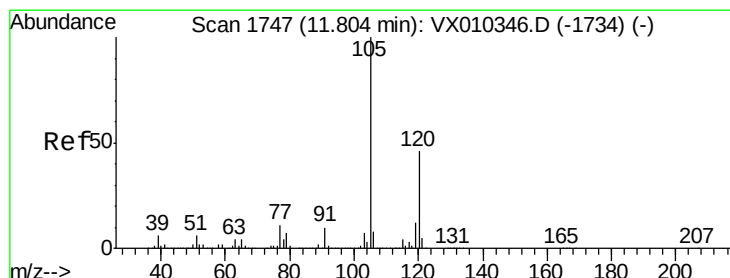
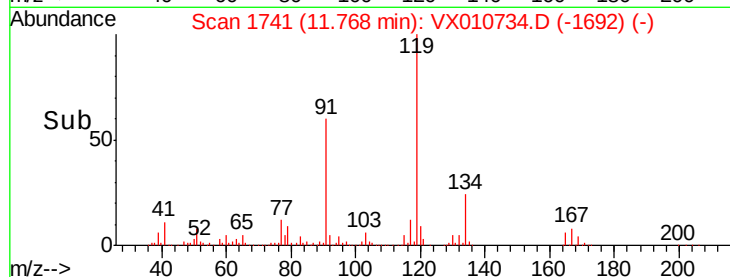
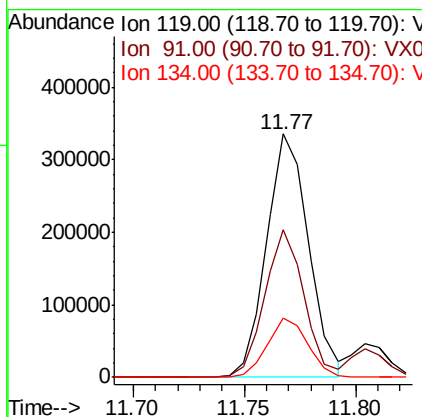
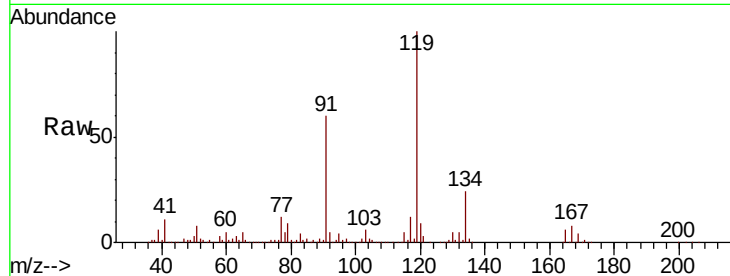




#83
 tert-Butylbenzene
 Concen: 50.776 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX010734.D
 Acq: 09 Jul 2019 07:00

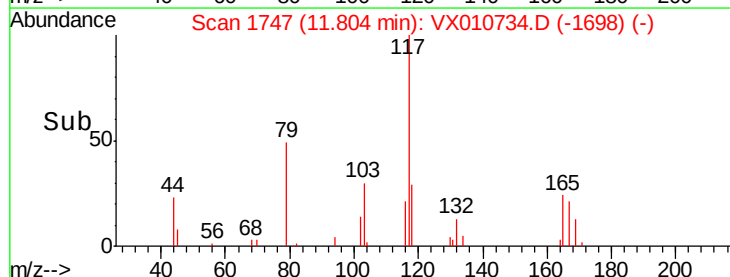
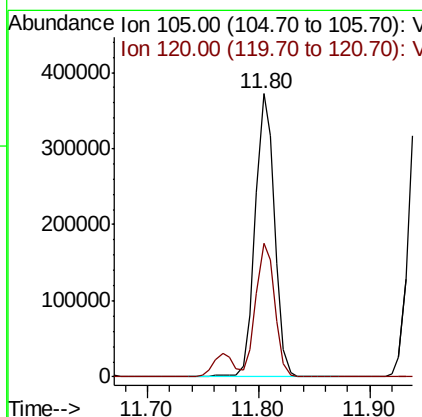
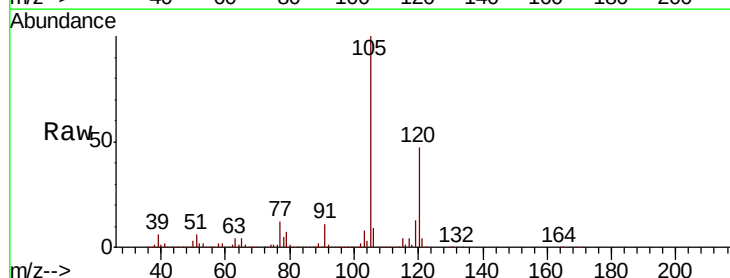
Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW359-190705MS

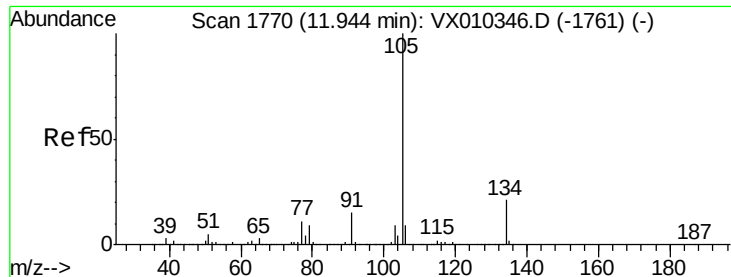
Tot Ion:119 Resp: 439896
 Ion Ratio Lower Upper
 119 100
 91 56.5 27.6 82.7
 134 23.5 11.8 35.4



#84
 1,2,4-Trimethylbenzene
 Concen: 51.884 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010734.D
 Acq: 09 Jul 2019 07:00

Tgt Ion:105 Resp: 449945
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.1 69.2





#85

sec-Butylbenzene

Concen: 50.879 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010734.D

Acq: 09 Jul 2019 07:00

Instrument :

MSVOA_X

ClientSampleId :

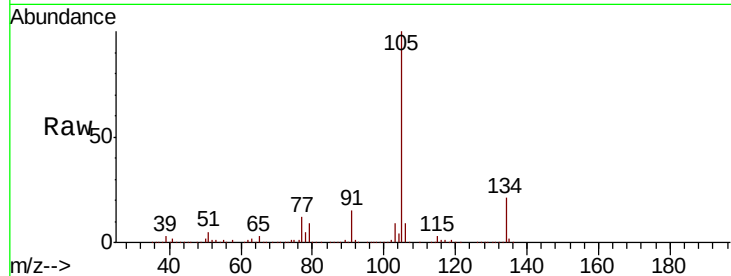
WP022MW359-190705MS

Tot Ion:105 Resp: 517549

Ion Ratio Lower Upper

105 100

134 21.2 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

400000

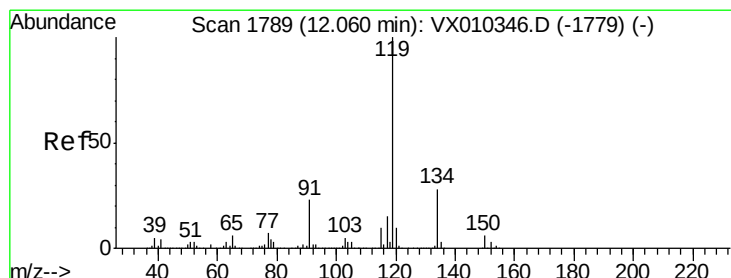
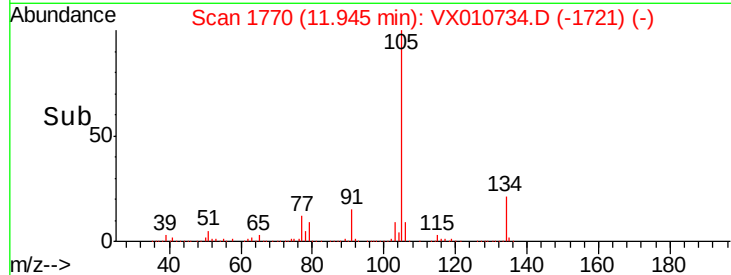
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 50.665 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010734.D

Acq: 09 Jul 2019 07:00

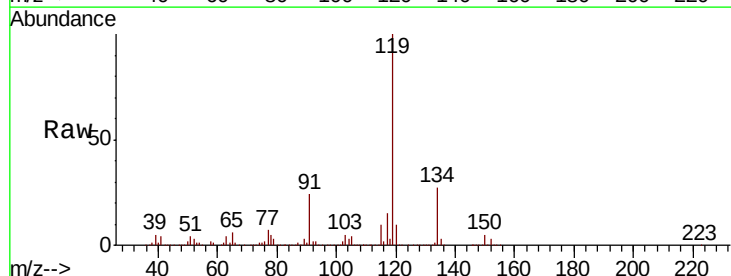
Tgt Ion:119 Resp: 476706

Ion Ratio Lower Upper

119 100

134 27.4 13.7 41.1

91 23.0 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): VX0

12.06

400000

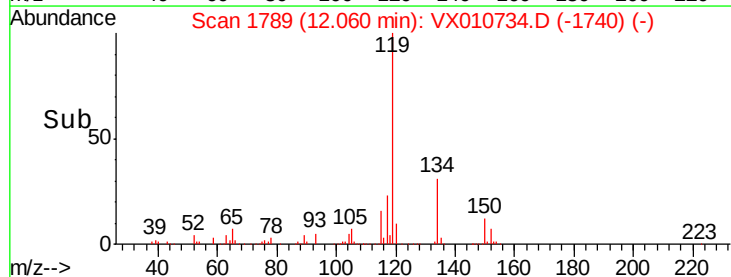
300000

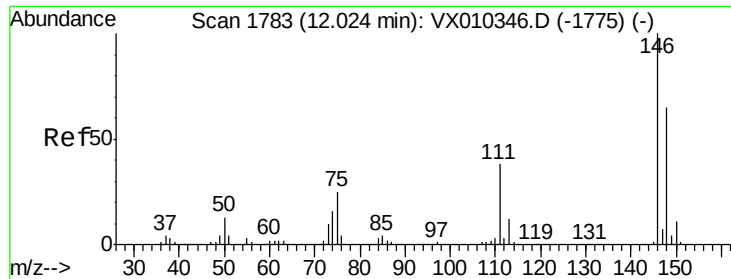
200000

100000

0

Time-->

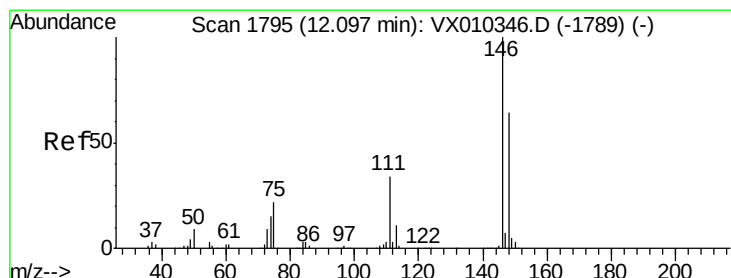
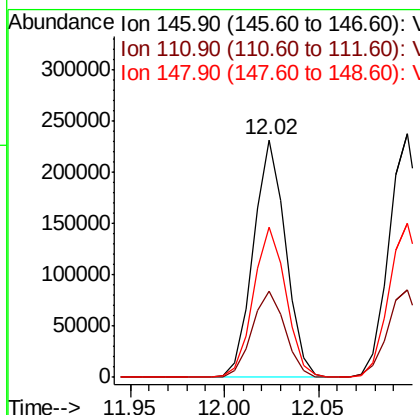
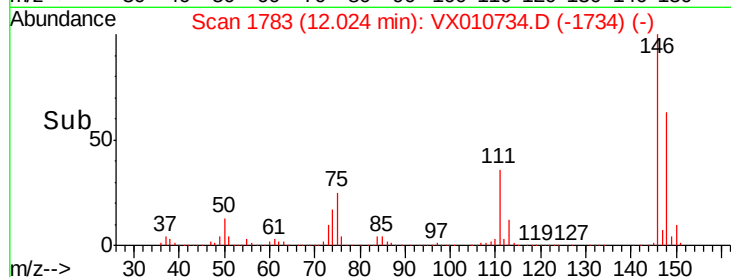
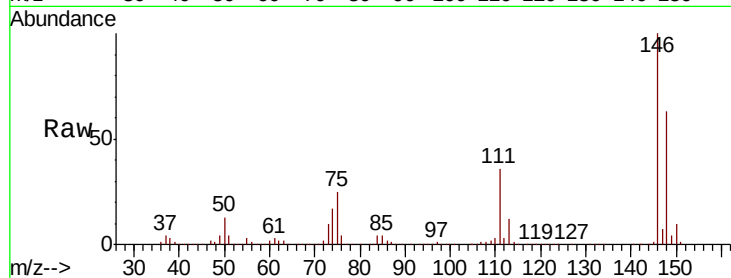




#87
 1,3-Dichlorobenzene
 Concen: 53.856 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010734.D
 Acq: 09 Jul 2019 07:00

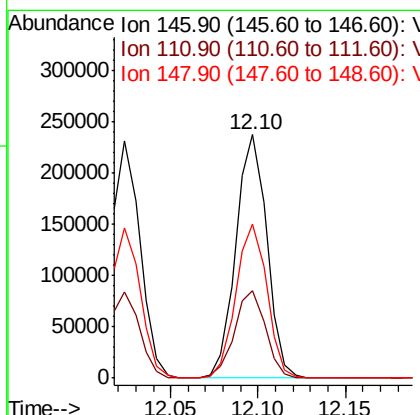
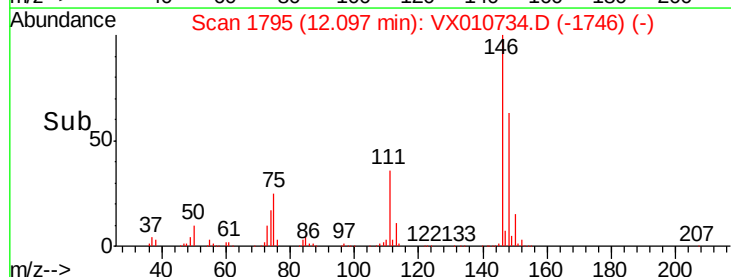
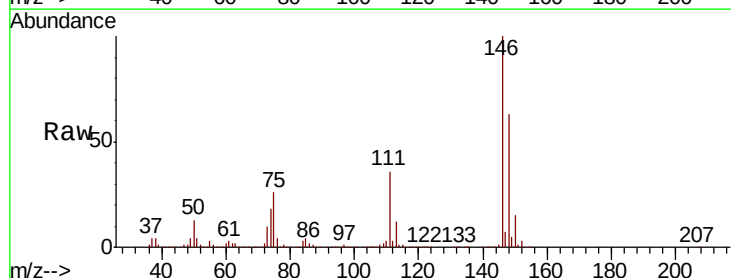
Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW359-190705MS

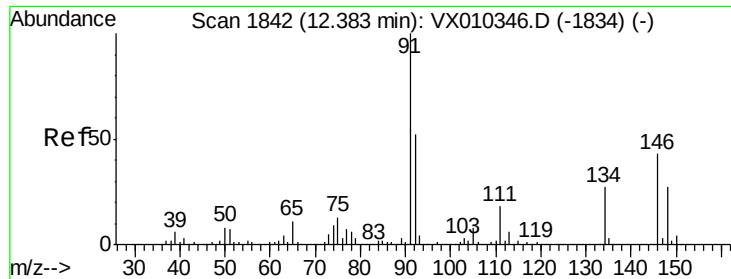
Tot Ion:146 Resp: 274853
 Ion Ratio Lower Upper
 146 100
 111 37.2 19.1 57.1
 148 64.0 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 56.227 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010734.D
 Acq: 09 Jul 2019 07:00

Tgt Ion:146 Resp: 292131
 Ion Ratio Lower Upper
 146 100
 111 36.5 18.1 54.3
 148 63.8 32.1 96.3

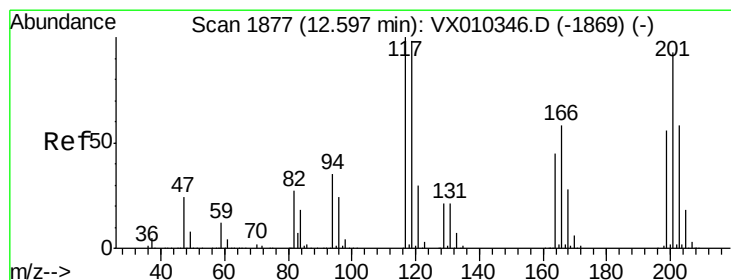
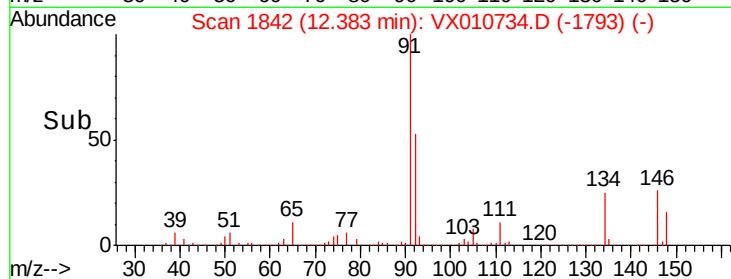
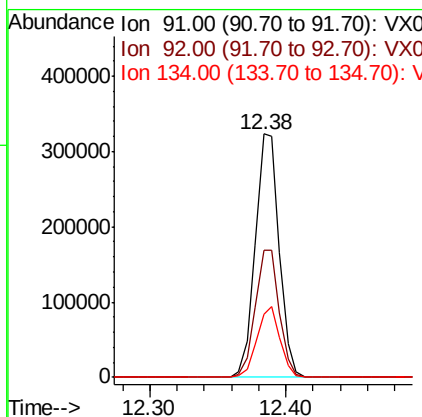
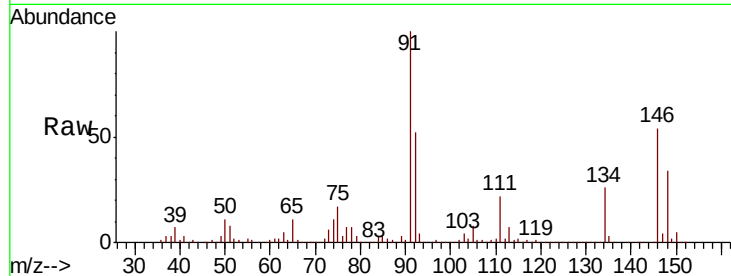




#89
n-Butylbenzene
Concen: 50.152 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010734.D
Acq: 09 Jul 2019 07:00

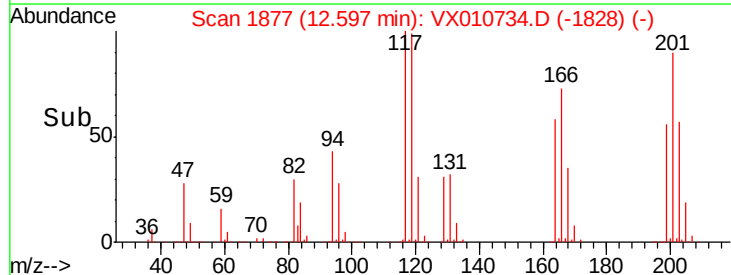
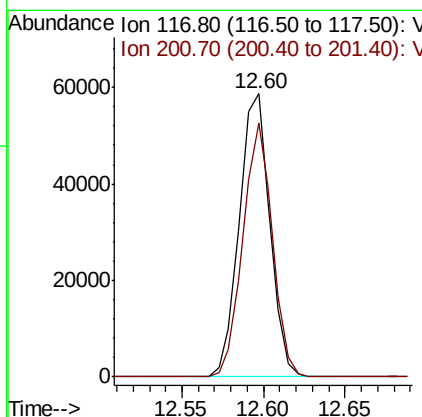
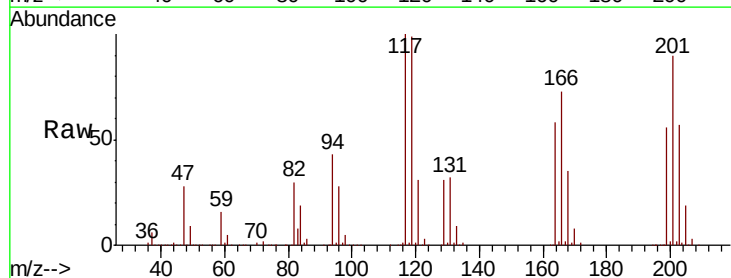
Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190705MS

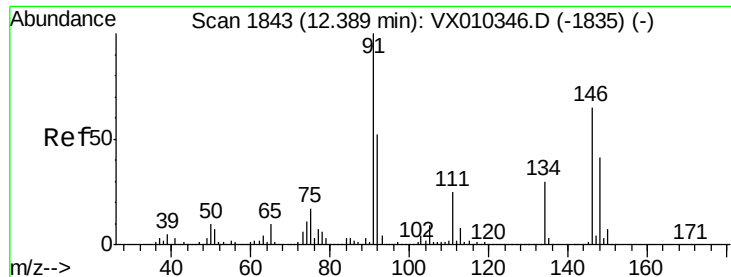
Tot Ion: 91 Resp: 400978
Ion Ratio Lower Upper
91 100
92 52.3 26.2 78.5
134 27.8 14.1 42.4



#90
Hexachloroethane
Concen: 47.179 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX010734.D
Acq: 09 Jul 2019 07:00

Tgt Ion: 117 Resp: 76757
Ion Ratio Lower Upper
117 100
201 86.2 44.0 131.8





#91

1,2-Dichlorobenzene

Concen: 57.600 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX010734.D

Acq: 09 Jul 2019 07:00

Instrument :

MSVOA_X

ClientSampleId :

WP022MW359-190705MS

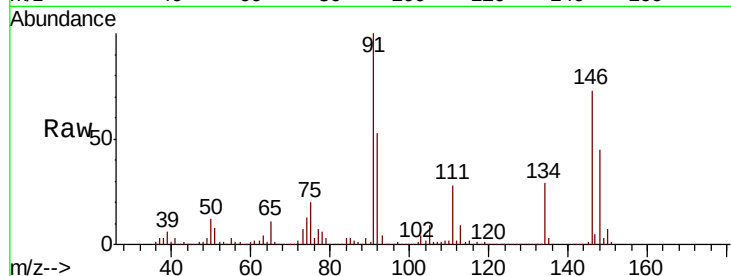
Tot Ion:146 Resp: 292161

Ion Ratio Lower Upper

146 100

111 38.7 19.2 57.6

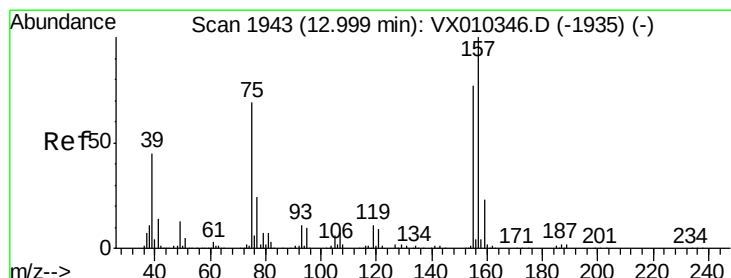
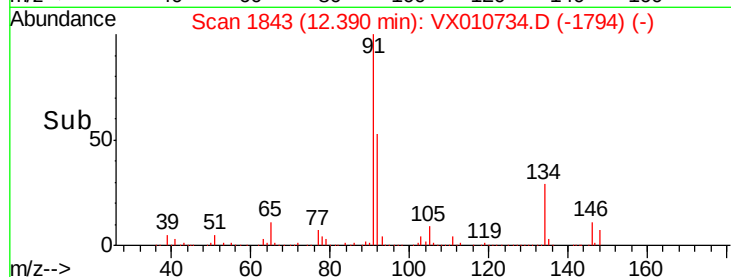
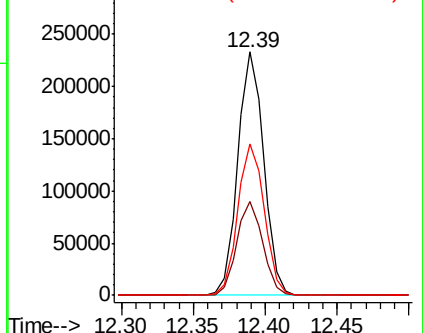
148 63.6 32.0 96.0



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: 50.226 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX010734.D

Acq: 09 Jul 2019 07:00

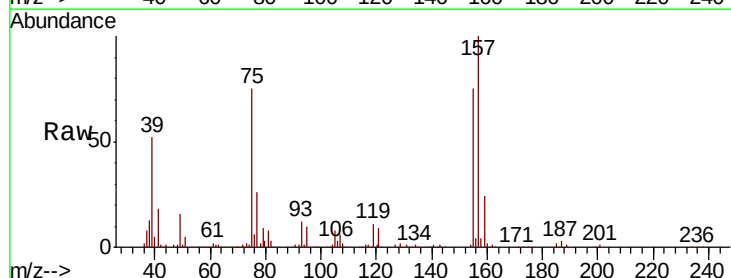
Tgt Ion: 75 Resp: 37550

Ion Ratio Lower Upper

75 100

155 100.1 54.4 163.1

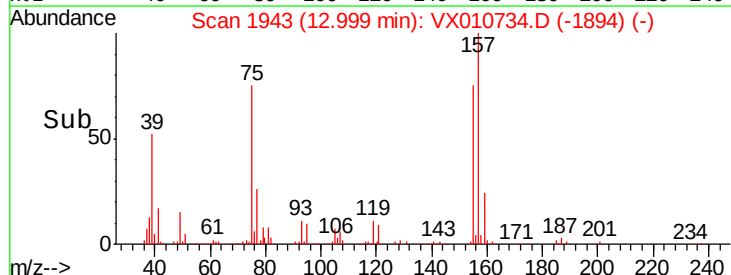
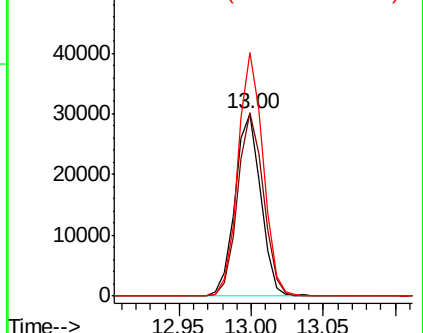
157 129.1 69.5 208.3

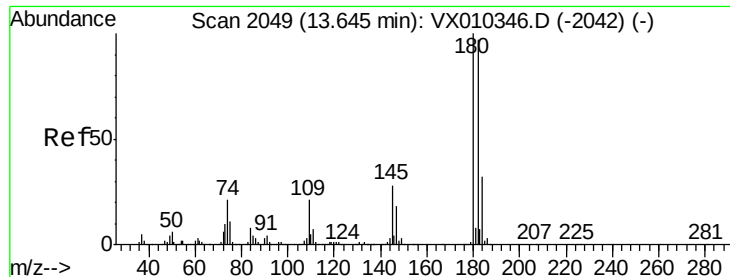


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

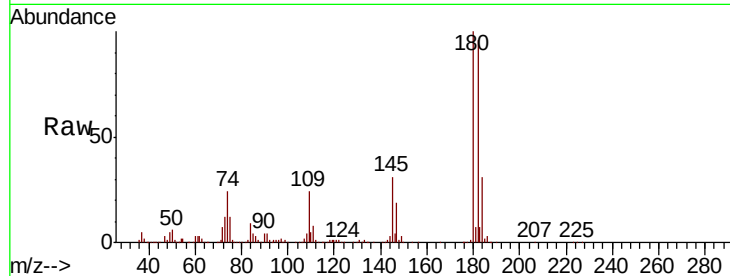




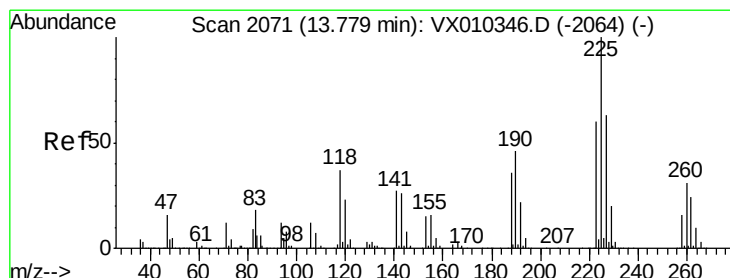
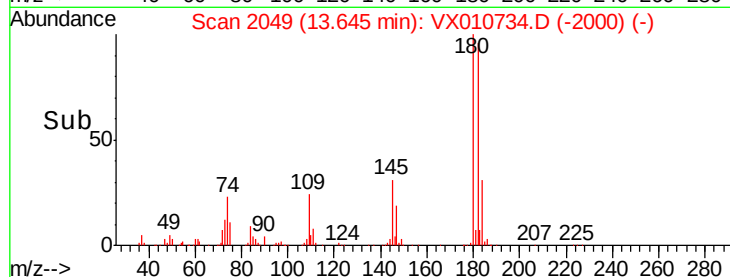
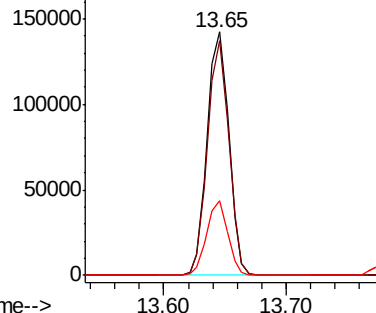
#93
 1,2,4-Trichlorobenzene
 Concen: 49.539 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010734.D
 Acq: 09 Jul 2019 07:00

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW359-190705MS

Tot Ion:180 Resp: 174254
 Ion Ratio Lower Upper
 180 100
 182 95.1 48.0 144.0
 145 29.6 14.4 43.4

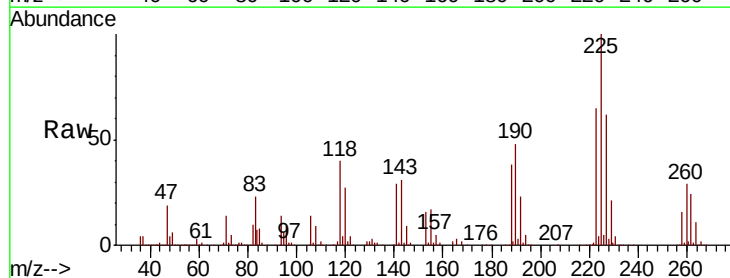


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

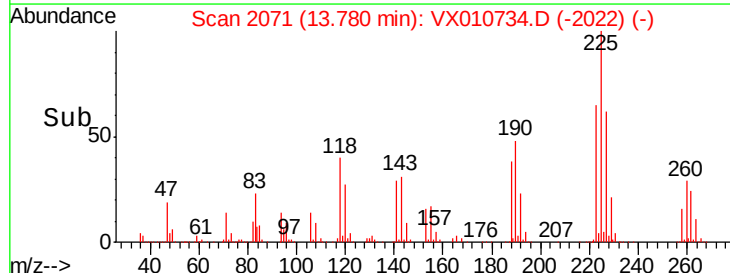
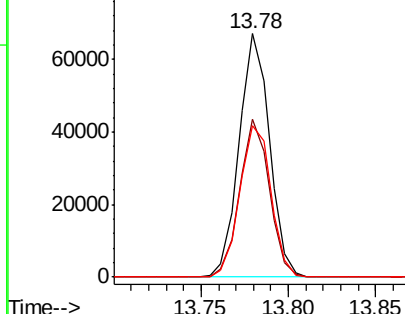


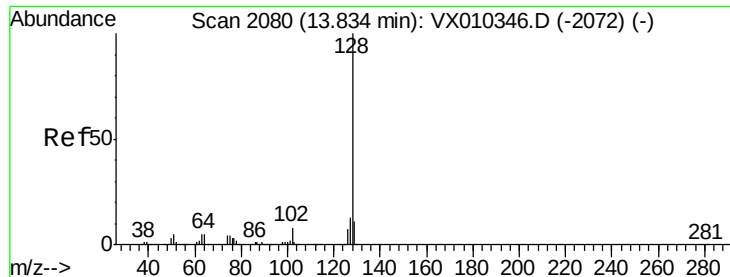
#94
 Hexachlorobutadiene
 Concen: 47.067 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010734.D
 Acq: 09 Jul 2019 07:00

Tgt Ion:225 Resp: 80914
 Ion Ratio Lower Upper
 225 100
 223 63.3 30.9 92.7
 227 64.3 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: 51.773 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010734.D

Acq: 09 Jul 2019 07:00

Instrument :

MSVOA_X

ClientSampleId :

WP022MW359-190705MS

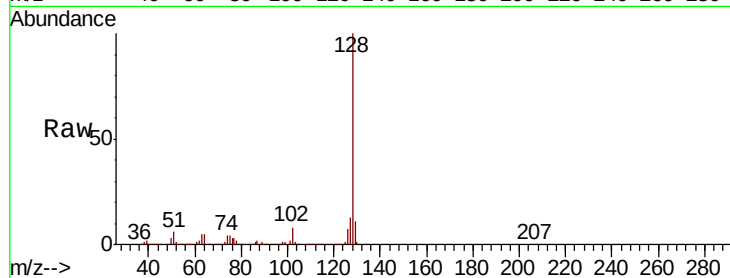
Tot Ion:128 Resp: 559639

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

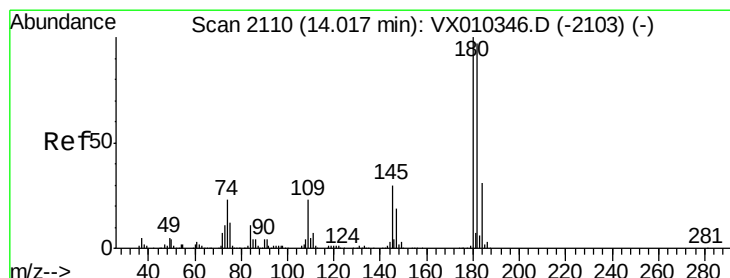
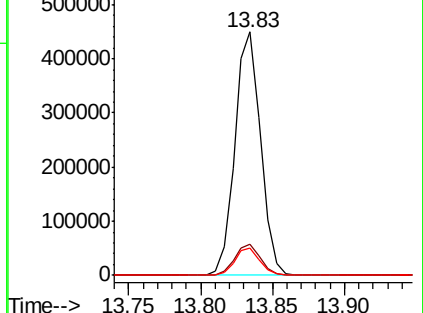
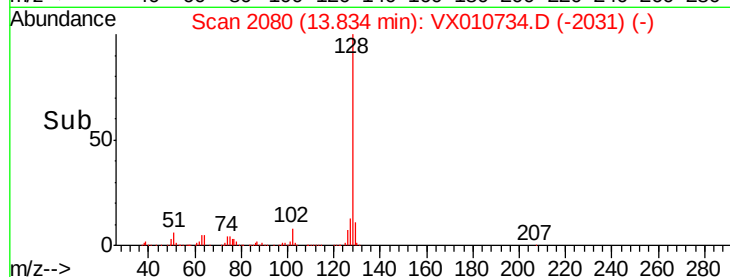
129 11.0 8.9 13.3



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: 51.149 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX010734.D

Acq: 09 Jul 2019 07:00

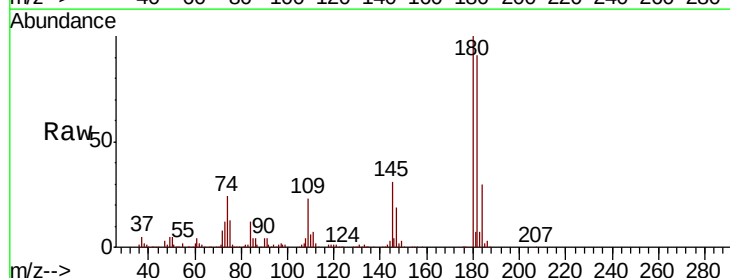
Tgt Ion:180 Resp: 178882

Ion Ratio Lower Upper

180 100

182 94.4 47.8 143.3

145 30.7 15.2 45.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

