

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070319\
 Data File : VX010656.D
 Acq On : 03 Jul 2019 21:28
 Operator : JC/SP
 Sample : K3636-05MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SP19-JMW0991MS

Quant Time: Jul 04 03:40:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	193222	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	306664	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	280276	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	142385	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	105167	58.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.10%	
35) Dibromofluoromethane	5.50	113	99174	52.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.72%	
50) Toluene-d8	8.71	98	341657	47.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.20%	
62) 4-Bromofluorobenzene	11.13	95	128831	49.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.42%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	75203	55.982	ug/l	98
3) Chloromethane	1.32	50	93384	59.699	ug/l	98
4) Vinyl Chloride	1.41	62	96524	56.338	ug/l	99
5) Bromomethane	1.64	94	48791	58.454	ug/l	99
6) Chloroethane	1.71	64	61903	61.241	ug/l	100
7) Trichlorofluoromethane	1.92	101	146770	54.039	ug/l	99
8) Diethyl Ether	2.19	74	65784	67.540	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	76158	46.271	ug/l	98
10) Methyl Iodide	2.51	142	121923	51.906	ug/l	98
11) Tert butyl alcohol	3.05	59	121261	255.798	ug/l	99
12) 1,1-Dichloroethene	2.37	96	88999	53.140	ug/l	98
13) Acrolein	2.29	56	87426	278.008	ug/l	98
14) Allyl chloride	2.73	41	134940	56.751	ug/l	98
15) Acrylonitrile	3.14	53	285555	304.247	ug/l	99
16) Acetone	2.45	43	233913	257.630	ug/l	97
17) Carbon Disulfide	2.57	76	230494	51.298	ug/l	100
18) Methyl Acetate	2.78	43	96628	53.398	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	312581	59.327	ug/l	98
20) Methylene Chloride	2.85	84	111940	59.909	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	99810	55.411	ug/l	97
22) Diisopropyl ether	3.86	45	297542	59.852	ug/l	# 87
23) Vinyl Acetate	3.81	43	1164358	271.116	ug/l	97
24) 1,1-Dichloroethane	3.70	63	170083	59.188	ug/l	99
25) 2-Butanone	4.68	43	385166	289.199	ug/l	100
26) 2,2-Dichloropropane	4.58	77	96120	38.505	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	118391	56.877	ug/l	99
28) Bromochloromethane	5.02	49	72600	52.842	ug/l	95
29) Tetrahydrofuran	5.13	42	255125	309.261	ug/l	98
30) Chloroform	5.21	83	178922	57.869	ug/l	99
31) Cyclohexane	5.58	56	119677	45.734	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	146964	53.832	ug/l	99
36) 1,1-Dichloropropene	5.80	75	116815	47.935	ug/l	99
37) Ethyl Acetate	4.84	43	133128	53.102	ug/l	98
38) Carbon Tetrachloride	5.79	117	122149	46.289	ug/l	98

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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	128182	40.016	ug/l	98
40) Benzene	6.14	78	408883	53.856	ug/l	99
41) Methacrylonitrile	5.04	41	79522	57.811	ug/l	98
42) 1,2-Dichloroethane	6.20	62	138808	60.062	ug/l	98
43) Isopropyl Acetate	6.45	43	218419	52.659	ug/l	99
44) Trichloroethene	7.21	130	111305	48.995	ug/l	100
45) 1,2-Dichloropropane	7.51	63	102705	53.569	ug/l	99
46) Dibromomethane	7.66	93	77007	55.982	ug/l	95
47) Bromodichloromethane	7.90	83	135014	53.558	ug/l	98
48) Methyl methacrylate	7.77	41	112704	58.458	ug/l	98
49) 1,4-Dioxane	7.74	88	57814	1040.955	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	780550	294.239	ug/l	98
52) Toluene	8.78	92	252848	50.572	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	140863	49.840	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	154061	50.160	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	113209	54.903	ug/l	99
56) Ethyl methacrylate	9.18	69	175881	56.306	ug/l	97
57) 1,3-Dichloropropane	9.37	76	177568	55.476	ug/l	99
59) 2-Hexanone	9.49	43	603300	288.961	ug/l	97
60) Dibromochloromethane	9.58	129	118811	51.461	ug/l	98
61) 1,2-Dibromoethane	9.67	107	122961	55.247	ug/l	99
64) Tetrachloroethene	9.34	164	95712	42.221	ug/l	98
65) Chlorobenzene	10.14	112	285559	50.185	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	107881	52.050	ug/l	99
67) Ethyl Benzene	10.25	91	472591	49.196	ug/l	98
68) m/p-Xylenes	10.36	106	363530	97.666	ug/l	98
69) o-Xylene	10.70	106	182563	49.875	ug/l	98
70) Styrene	10.71	104	319530	52.052	ug/l	99
71) Bromoform	10.85	173	90071	49.972	ug/l #	98
73) Isopropylbenzene	11.02	105	454958	47.136	ug/l	99
74) N-amyl acetate	10.90	43	184671	50.627	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	177706	55.594	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	185922	71.657	ug/l	81
77) Bromobenzene	11.26	156	137018	50.840	ug/l	99
78) n-propylbenzene	11.36	91	505101	47.615	ug/l	99
79) 2-Chlorotoluene	11.42	91	311102	49.250	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	388500	48.826	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	47746	42.930	ug/l	89
82) 4-Chlorotoluene	11.51	91	360104	50.099	ug/l	100
83) tert-Butylbenzene	11.77	119	382438	47.887	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	399130	49.928	ug/l	99
85) sec-Butylbenzene	11.94	105	429551	45.810	ug/l	99
86) p-Isopropyltoluene	12.06	119	402333	46.387	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	229392	48.760	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	231618	48.361	ug/l	100
89) n-Butylbenzene	12.38	91	331782	45.017	ug/l	99
90) Hexachloroethane	12.60	117	66981	44.662	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	233483	49.936	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	36455	52.897	ug/l	92
93) 1,2,4-Trichlorobenzene	13.65	180	153661	47.390	ug/l	99

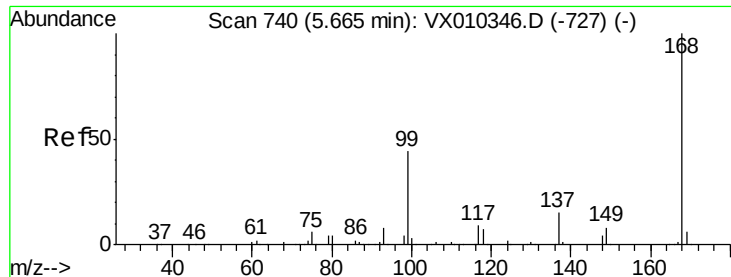
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX070319\
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Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	65650	41.427	ug/l	99
95) Naphthalene	13.83	128	521752	52.362	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	157324	48.800	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010656.D

Acq: 03 Jul 2019 21:28

Instrument :

MSVOA_X

ClientSampleId :

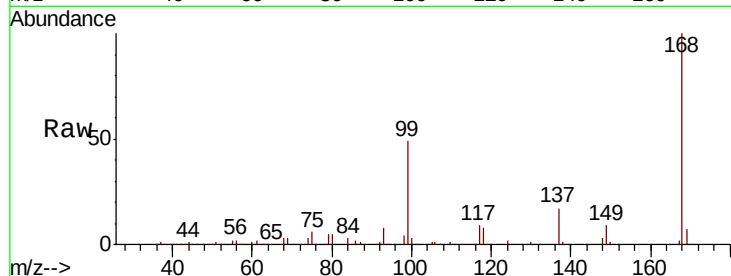
SP19-JMW0991MS

Tot Ion:168 Resp: 193222

Ion Ratio Lower Upper

168 100

99 48.7 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

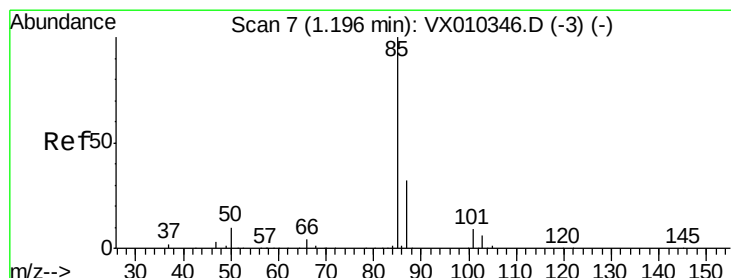
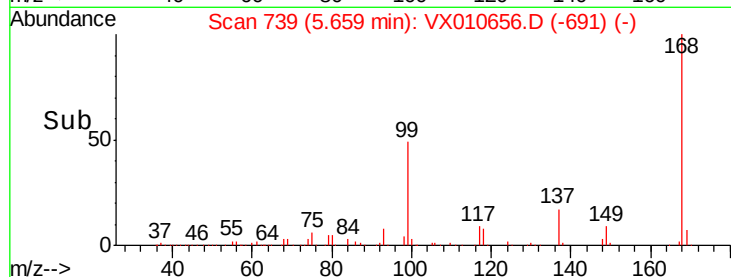
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 55.982 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010656.D

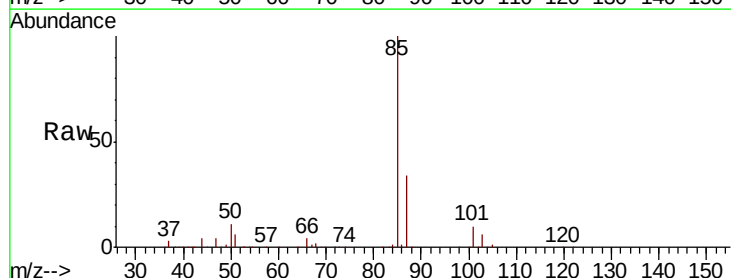
Acq: 03 Jul 2019 21:28

Tgt Ion: 85 Resp: 75203

Ion Ratio Lower Upper

85 100

87 33.5 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

60000

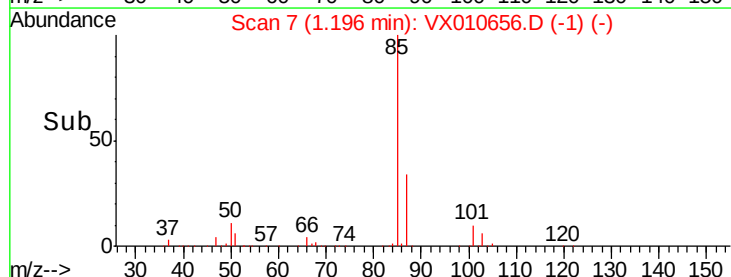
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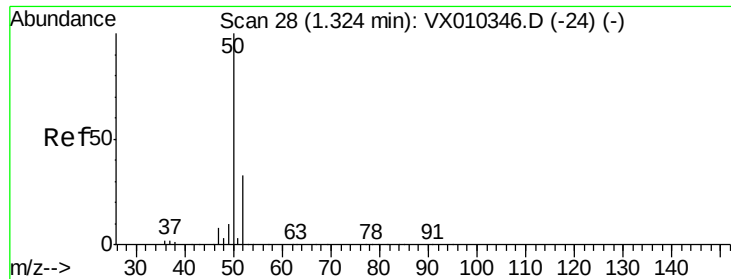
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Time-->

1.15 1.20 1.25 1.30

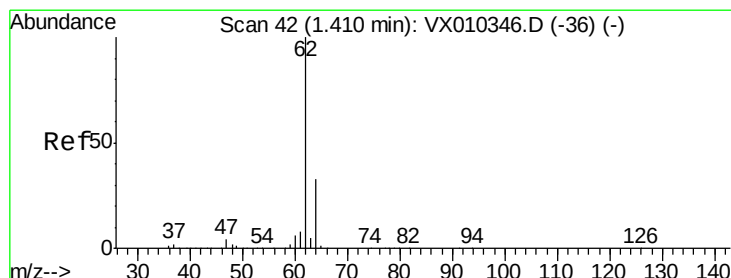
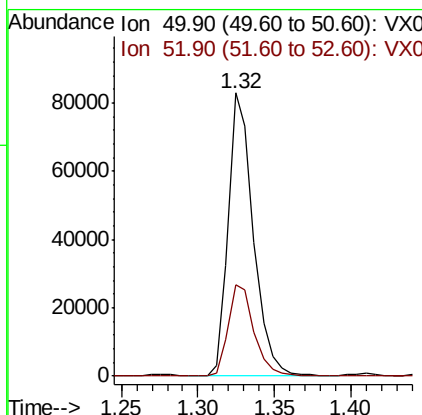
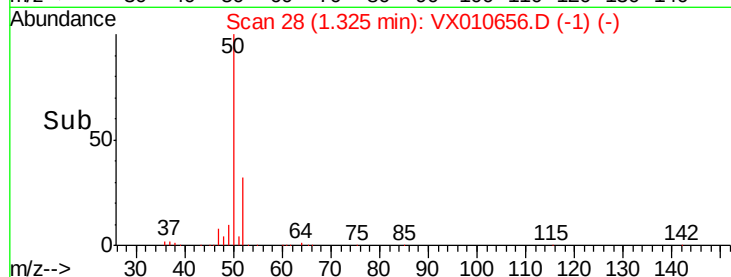
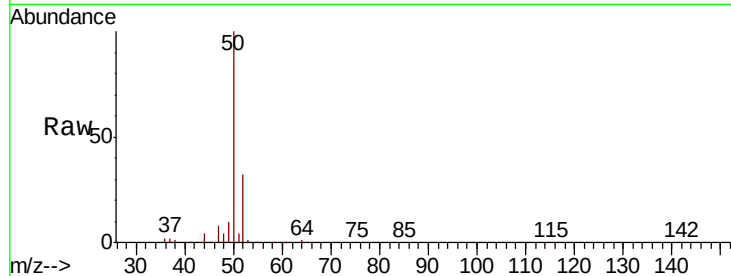




#3
Chloromethane
Concen: 59.699 ug/l
RT: 1.32 min Scan# 28
Delta R.T. 0.00 min
Lab File: VX010656.D
Acq: 03 Jul 2019 21:28

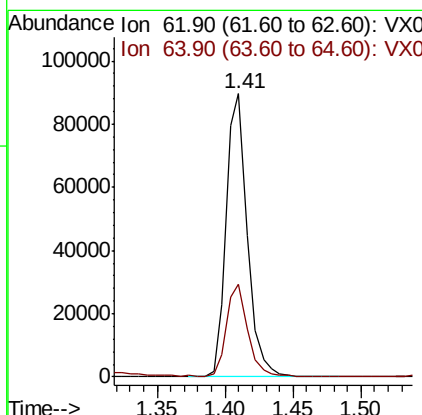
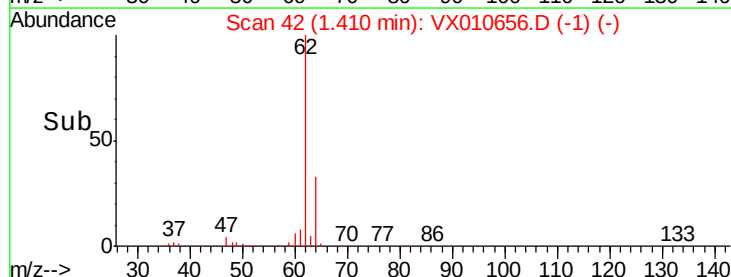
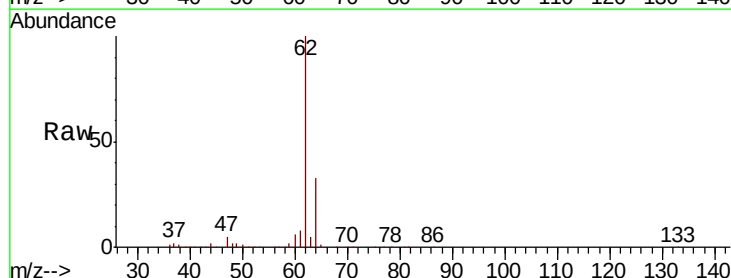
Instrument :
MSVOA_X
ClientSampleId :
SP19-JMW0991MS

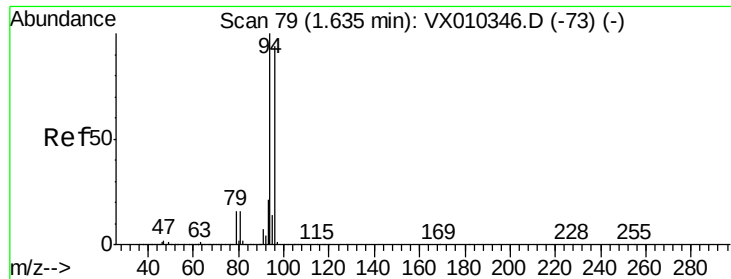
Tot Ion: 50 Resp: 93384
Ion Ratio Lower Upper
50 100
52 32.2 26.5 39.7



#4
Vinyl Chloride
Concen: 56.338 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX010656.D
Acq: 03 Jul 2019 21:28

Tgt Ion: 62 Resp: 96524
Ion Ratio Lower Upper
62 100
64 32.3 26.2 39.4





#5

Bromomethane

Concen: 58.454 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010656.D

Acq: 03 Jul 2019 21:28

Instrument :

MSVOA_X

ClientSampleId :

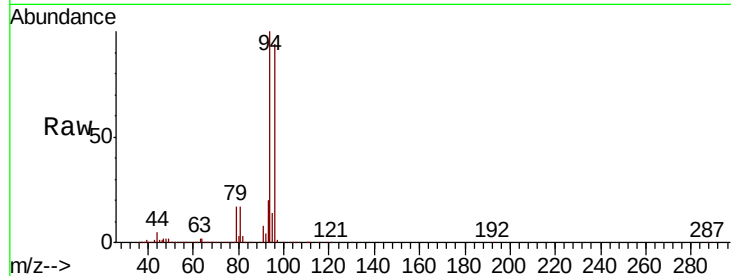
SP19-JMW0991MS

Tot Ion: 94 Resp: 48791

Ion Ratio Lower Upper

94 100

96 93.8 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

60000

50000

40000

30000

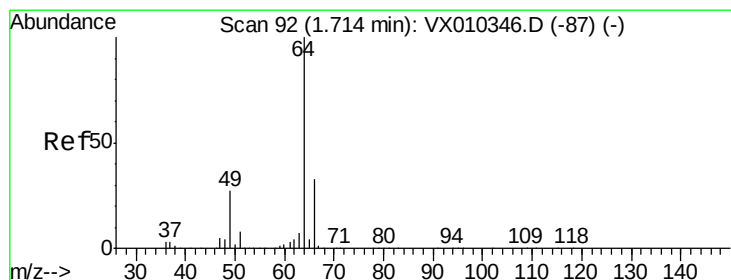
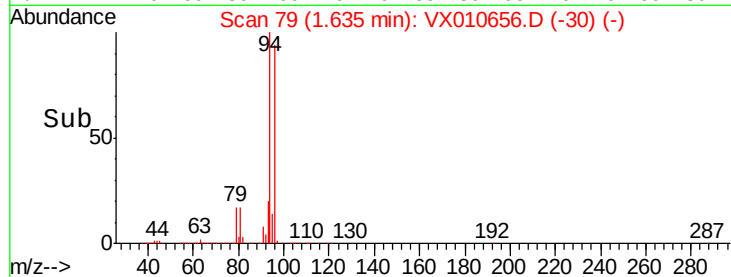
20000

10000

0

Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 61.241 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010656.D

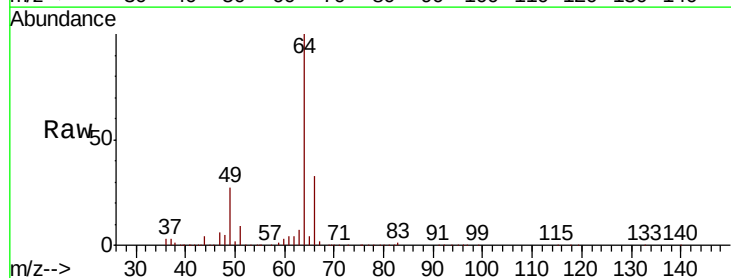
Acq: 03 Jul 2019 21:28

Tgt Ion: 64 Resp: 61903

Ion Ratio Lower Upper

64 100

66 33.1 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

50000

40000

30000

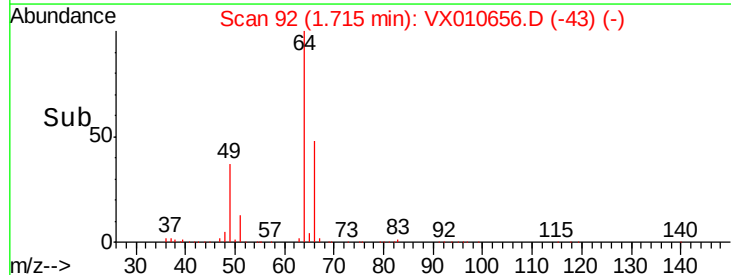
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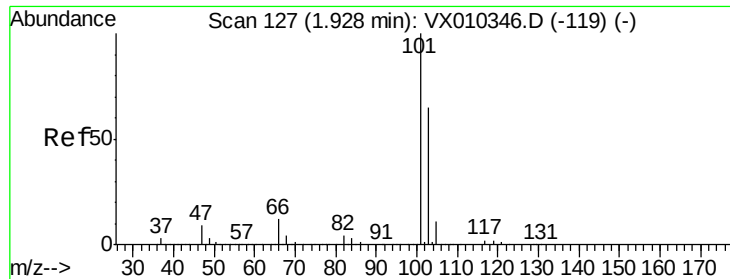
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0

Time-->

1.65 1.70 1.75 1.80



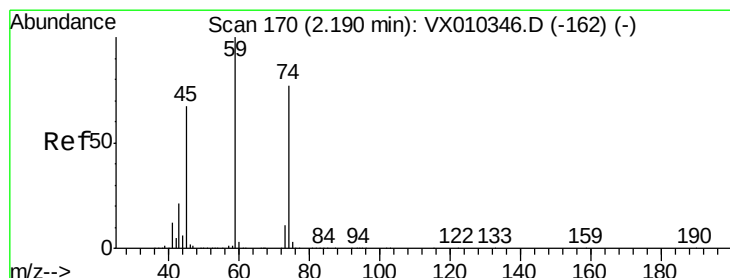
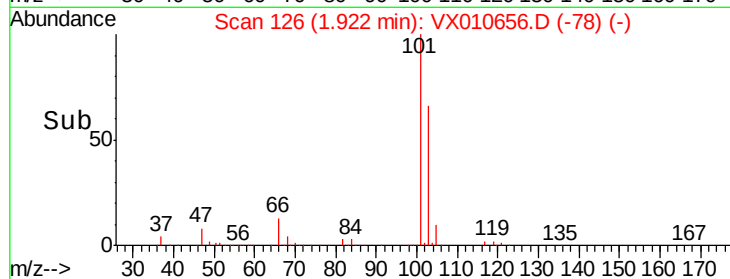
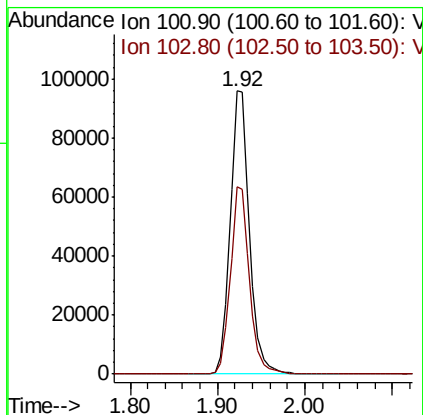
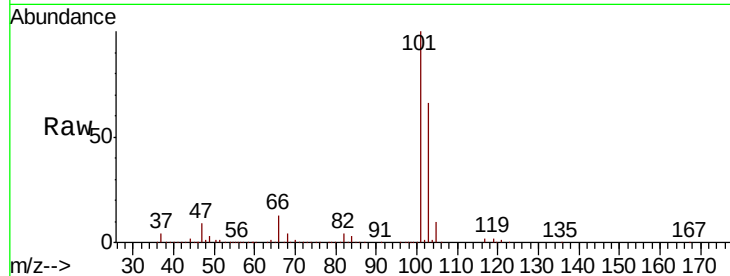


#7

Trichlorofluoromethane
 Concen: 54.039 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.01 min
 Lab File: VX010656.D
 Acq: 03 Jul 2019 21:28

Instrument :
 MSVOA_X
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 SP19-JMW0991MS

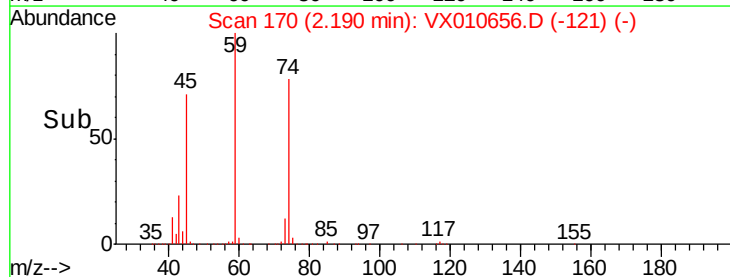
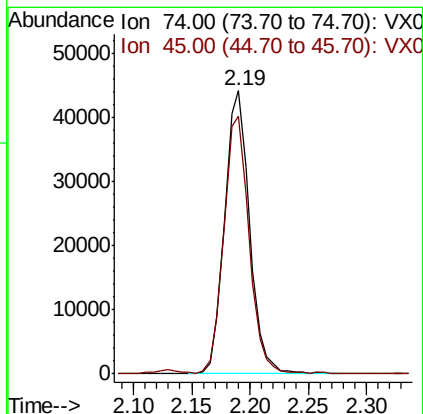
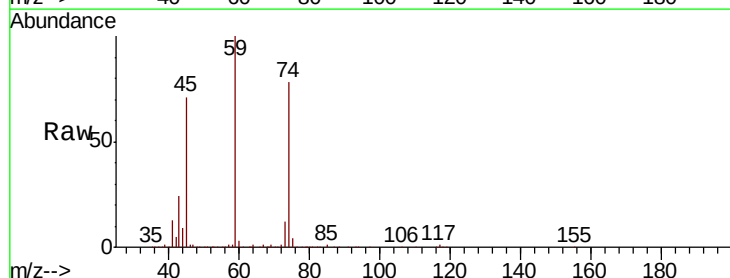
Tot Ion:101 Resp: 146770
 Ion Ratio Lower Upper
 101 100
 103 66.1 52.3 78.5

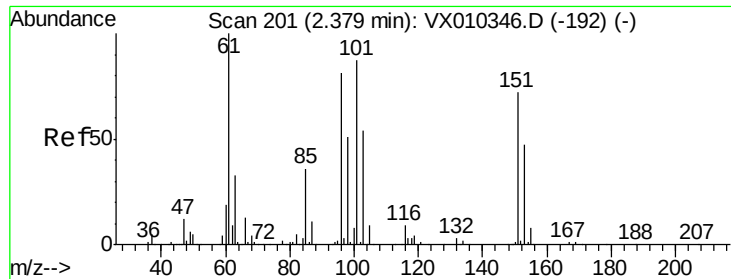


#8

Diethyl Ether
 Concen: 67.540 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX010656.D
 Acq: 03 Jul 2019 21:28

Tgt Ion: 74 Resp: 65784
 Ion Ratio Lower Upper
 74 100
 45 90.4 44.8 134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.271 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010656.D

Acq: 03 Jul 2019 21:28

Instrument :

MSVOA_X

ClientSampleId :

SP19-JMW0991MS

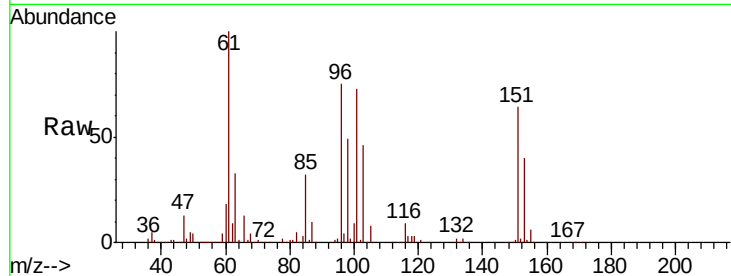
Tot Ion:101 Resp: 76158

Ion Ratio Lower Upper

101 100

85 42.8 33.7 50.5

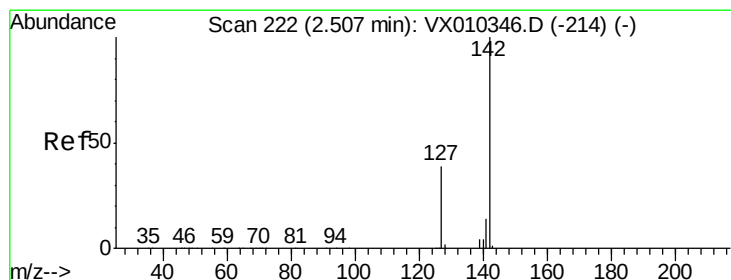
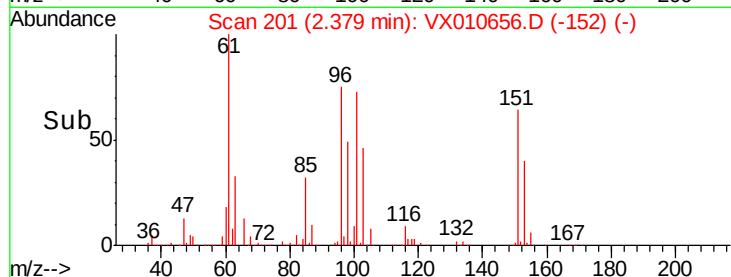
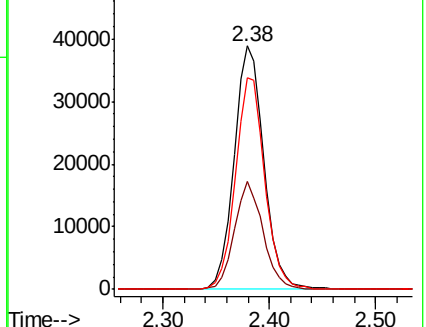
151 86.0 70.1 105.1



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: 51.906 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX010656.D

Acq: 03 Jul 2019 21:28

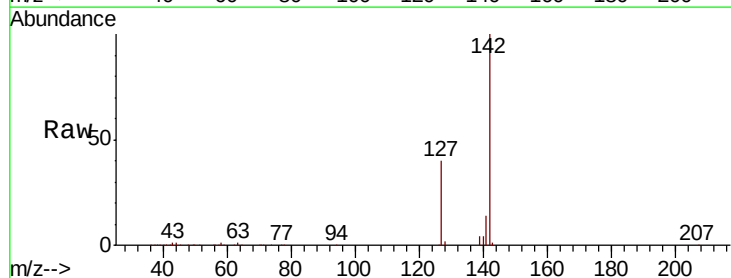
Tgt Ion:142 Resp: 121923

Ion Ratio Lower Upper

142 100

127 40.0 31.1 46.7

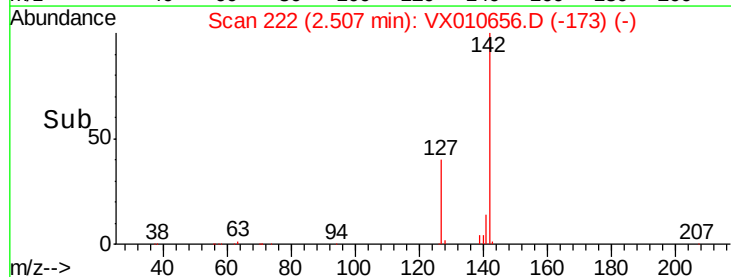
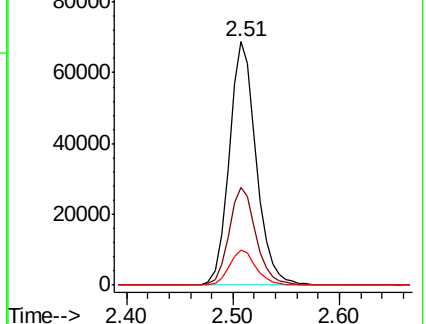
141 14.4 11.2 16.8

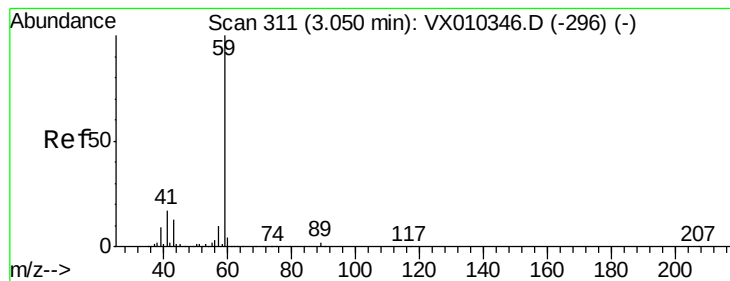


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



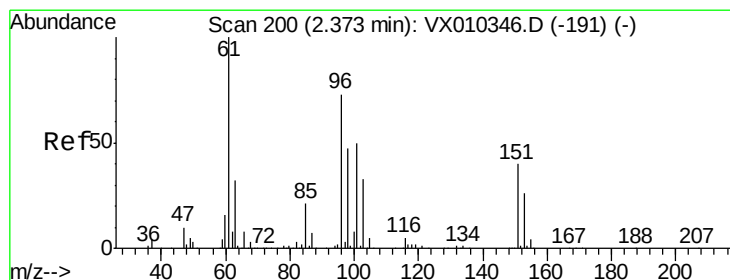
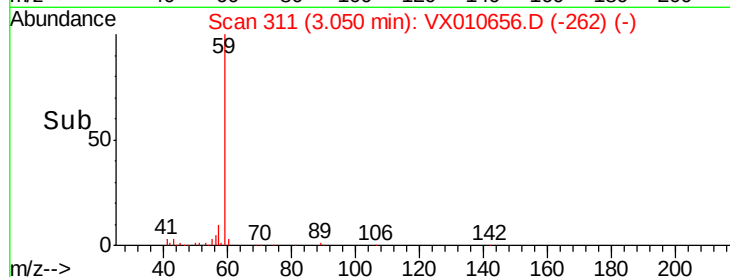
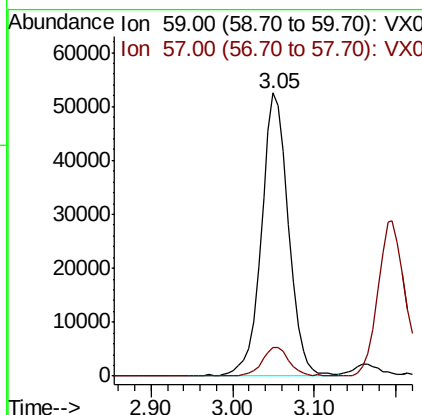
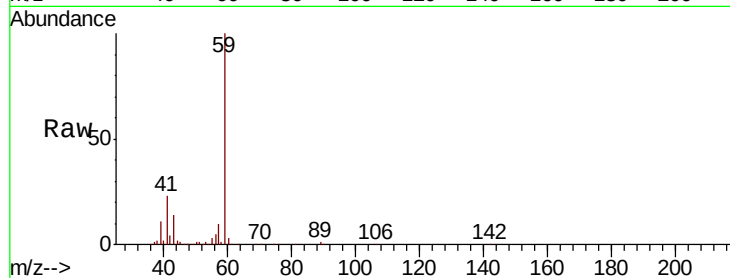


#11

Tert butyl alcohol
Concen: 255.798 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX010656.D
Acq: 03 Jul 2019 21:28

Instrument :
MSVOA_X
ClientSampleId :
SP19-JMW0991MS

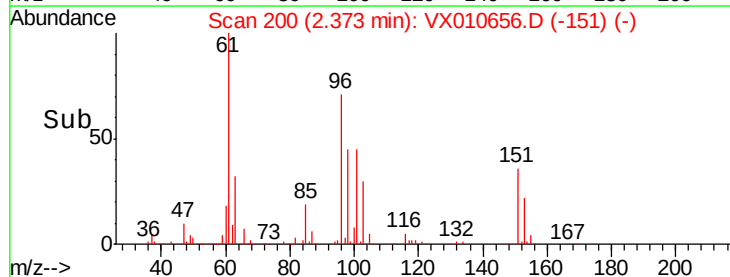
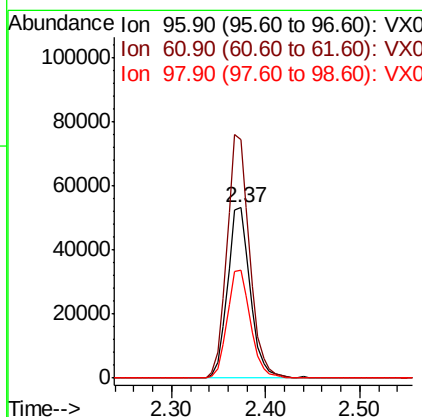
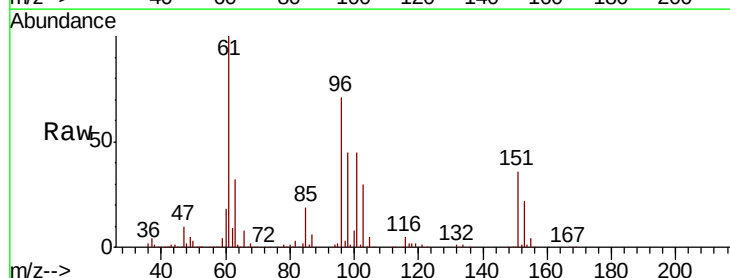
Tot Ion: 59 Resp: 121261
Ion Ratio Lower Upper
59 100
57 10.1 7.7 11.5

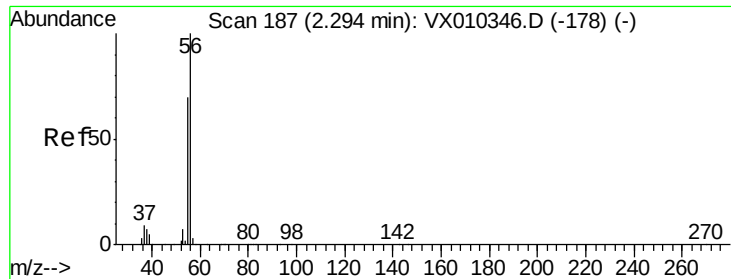


#12

1,1-Dichloroethene
Concen: 53.140 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX010656.D
Acq: 03 Jul 2019 21:28

Tgt Ion: 96 Resp: 88999
Ion Ratio Lower Upper
96 100
61 140.2 109.2 163.8
98 63.3 51.1 76.7





#13

Acrolein

Concen: 278.008 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010656.D

Acq: 03 Jul 2019 21:28

Instrument :

MSVOA_X

ClientSampleId :

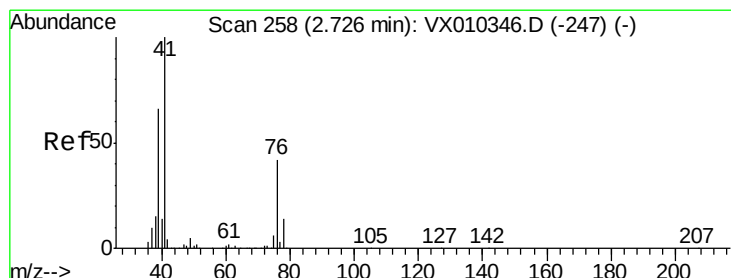
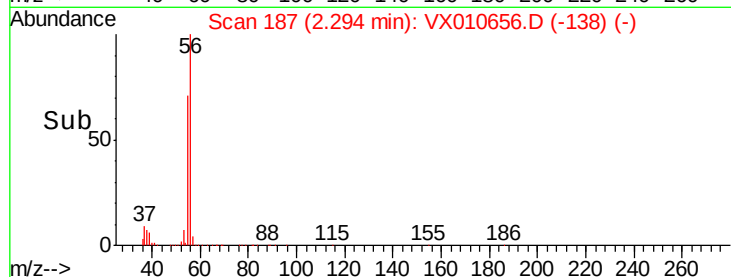
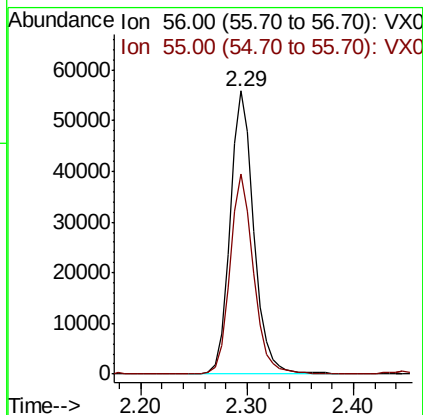
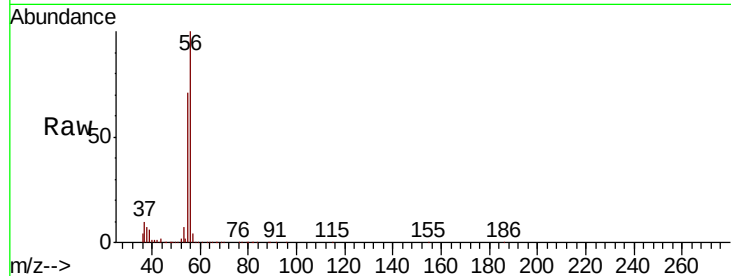
SP19-JMW0991MS

Tot Ion: 56 Resp: 87426

Ion Ratio Lower Upper

56 100

55 69.7 56.9 85.3



#14

Allyl chloride

Concen: 56.751 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010656.D

Acq: 03 Jul 2019 21:28

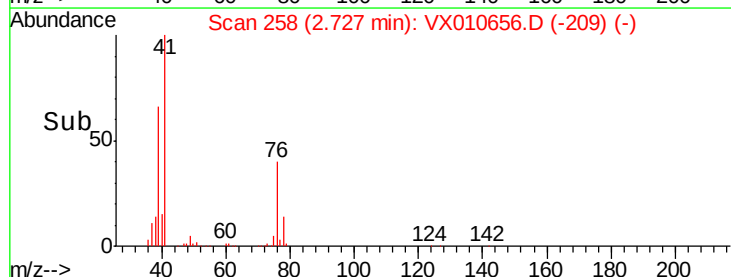
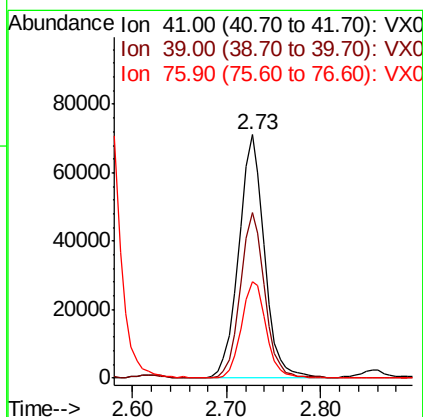
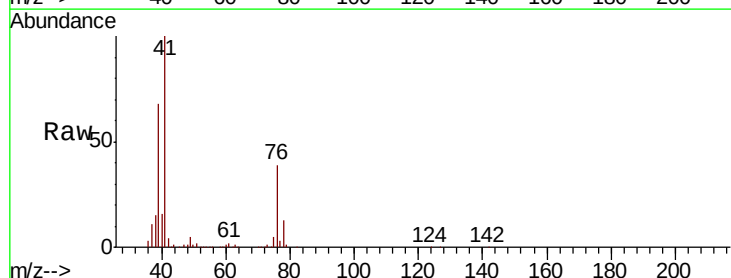
Tgt Ion: 41 Resp: 134940

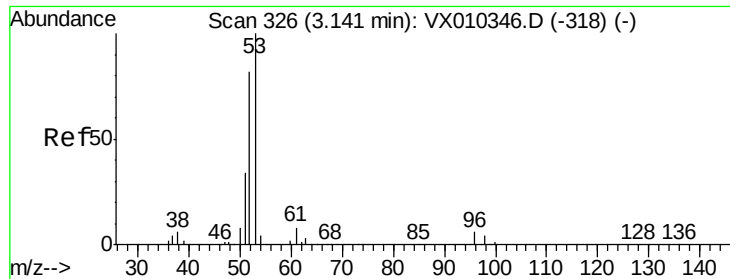
Ion Ratio Lower Upper

41 100

39 64.5 50.3 75.5

76 37.9 31.3 46.9





#15

Acrylonitrile

Concen: 304.247 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010656.D

Acq: 03 Jul 2019 21:28

Instrument :

MSVOA_X

ClientSampleId :

SP19-JMW0991MS

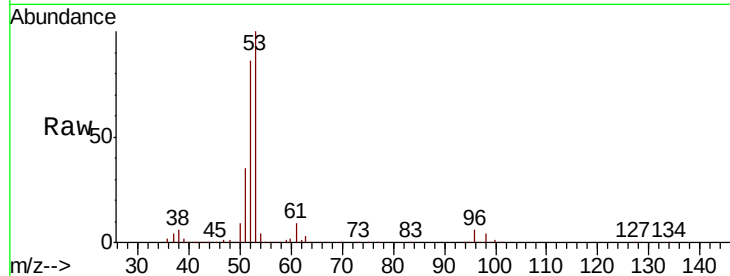
Tot Ion: 53 Resp: 285555

Ion Ratio Lower Upper

53 100

52 83.5 65.5 98.3

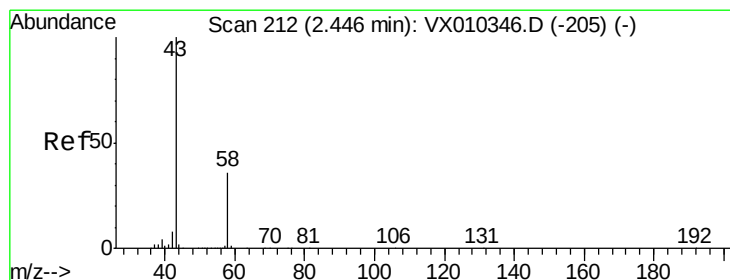
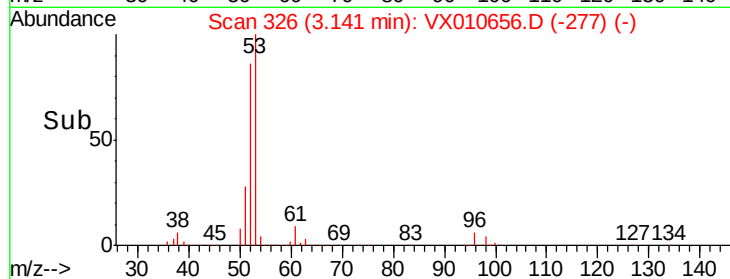
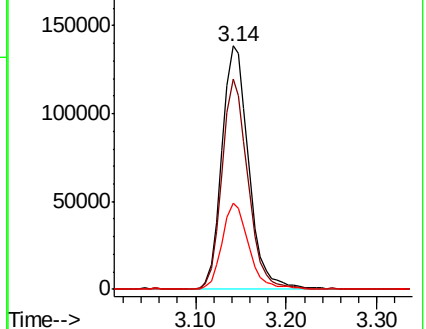
51 35.5 28.2 42.4



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: 257.630 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010656.D

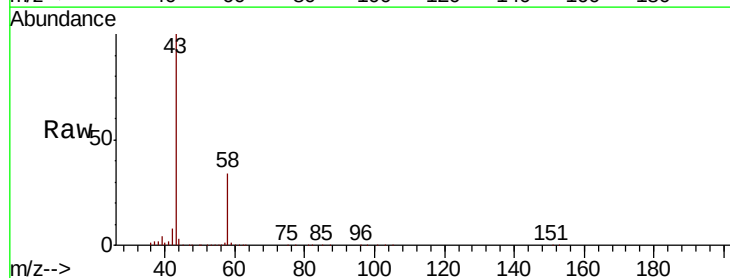
Acq: 03 Jul 2019 21:28

Tgt Ion: 43 Resp: 233913

Ion Ratio Lower Upper

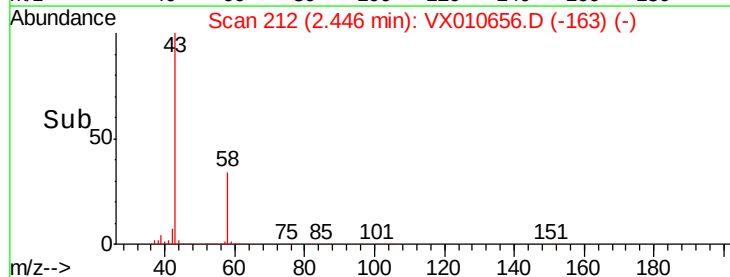
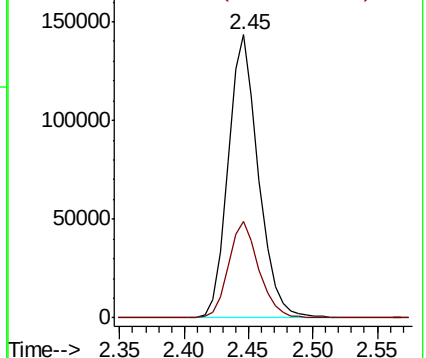
43 100

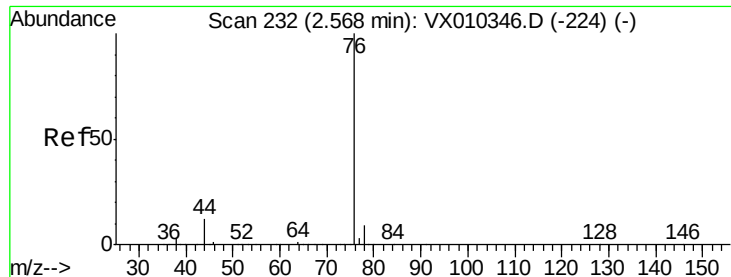
58 34.1 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

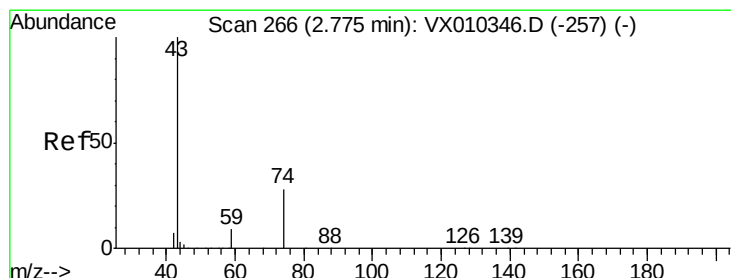
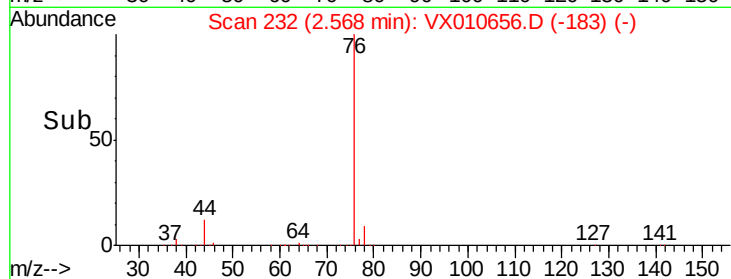
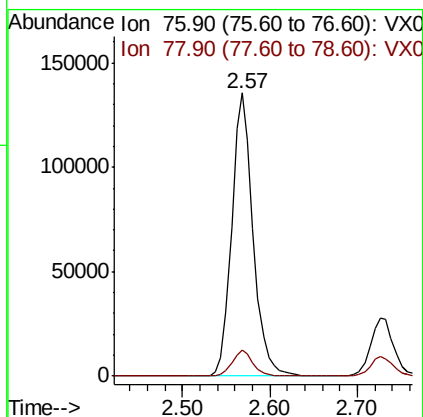
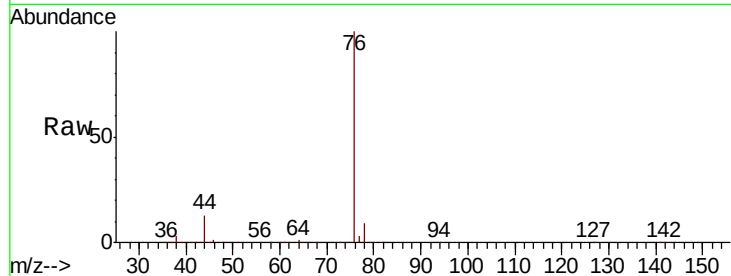




#17
Carbon Disulfide
Concen: 51.298 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010656.D
Acq: 03 Jul 2019 21:28

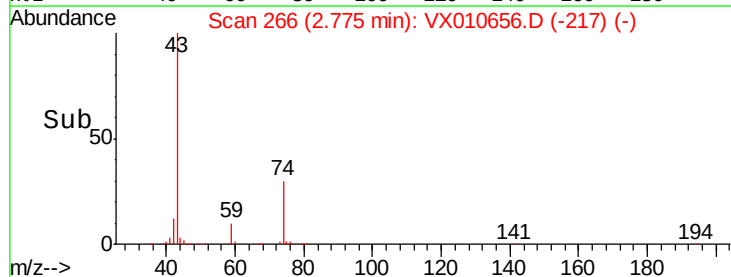
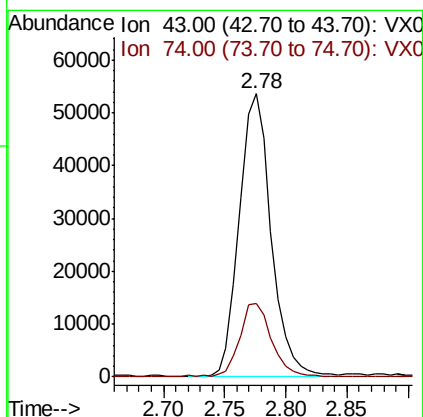
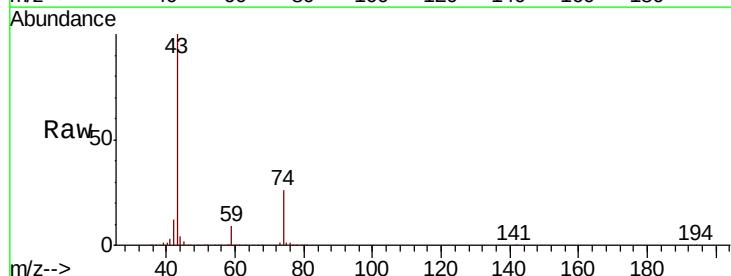
Instrument :
MSVOA_X
ClientSampleId :
SP19-JMW0991MS

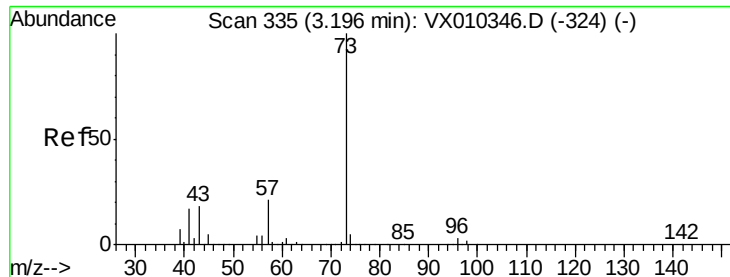
Tot Ion: 76 Resp: 230494
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#18
Methyl Acetate
Concen: 53.398 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010656.D
Acq: 03 Jul 2019 21:28

Tgt Ion: 43 Resp: 96628
Ion Ratio Lower Upper
43 100
74 25.4 21.3 31.9

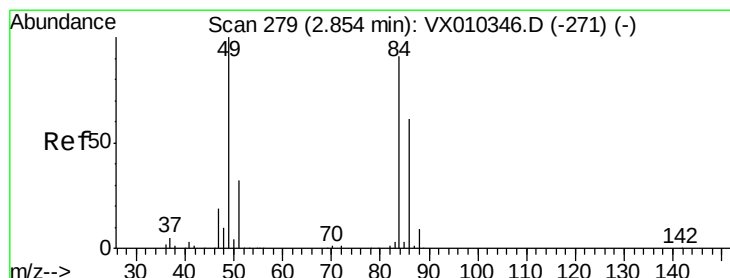
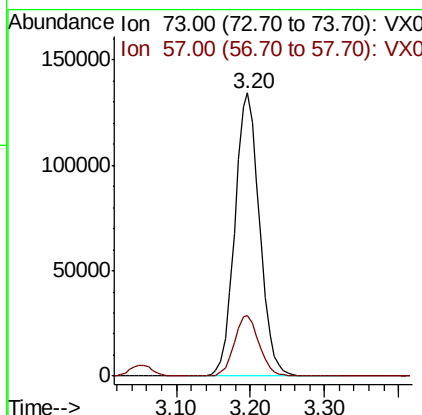
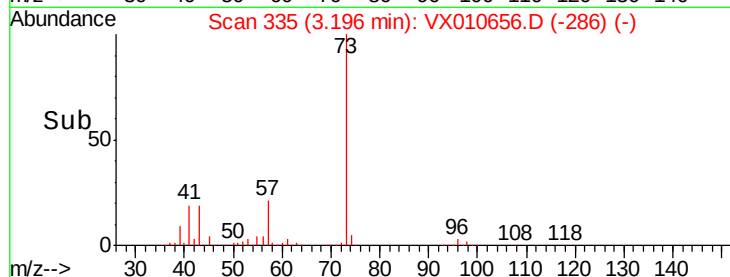
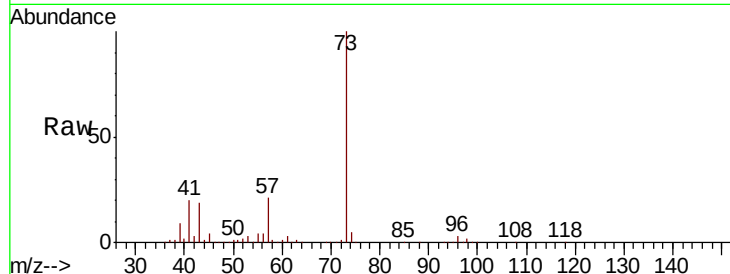




#19
Methvl tert-butyl Ether
Concen: 59.327 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010656.D
Acq: 03 Jul 2019 21:28

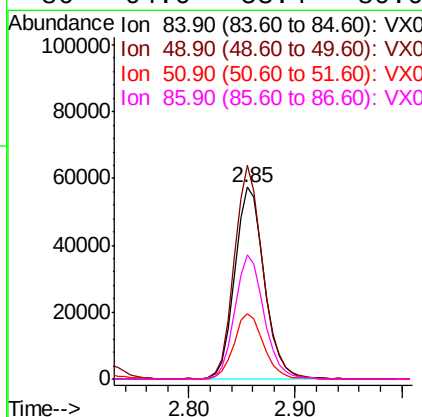
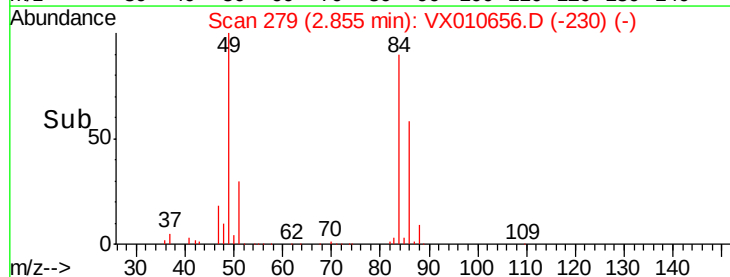
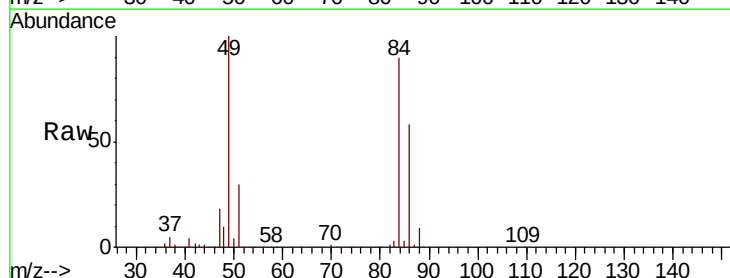
Instrument :
MSVOA_X
ClientSampleId :
SP19-JMW0991MS

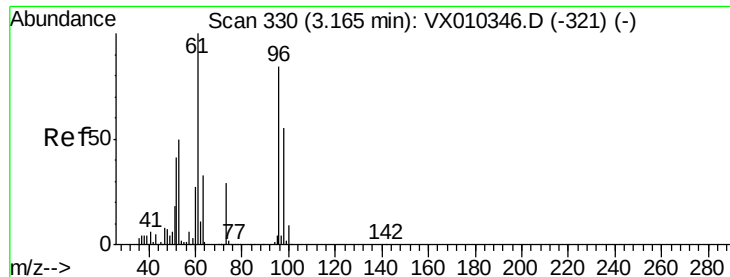
Tot Ion: 73 Resp: 312581
Ion Ratio Lower Upper
73 100
57 21.3 16.4 24.6



#20
Methylene Chloride
Concen: 59.909 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010656.D
Acq: 03 Jul 2019 21:28

Tgt Ion: 84 Resp: 111940
Ion Ratio Lower Upper
84 100
49 110.9 87.5 131.3
51 33.7 27.7 41.5
86 64.6 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 55.411 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010656.D

Acq: 03 Jul 2019 21:28

Instrument :

MSVOA_X

ClientSampleId :

SP19-JMW0991MS

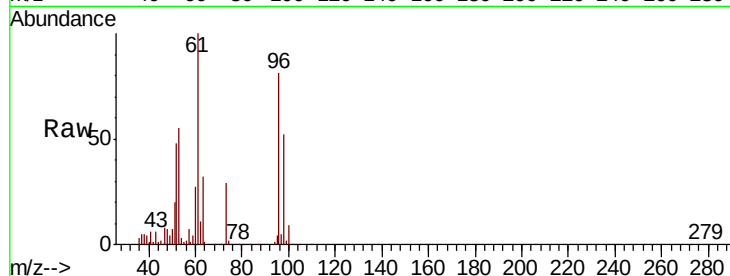
Tot Ion: 96 Resp: 99810

Ion Ratio Lower Upper

96 100

61 123.1 95.6 143.4

98 64.3 52.5 78.7

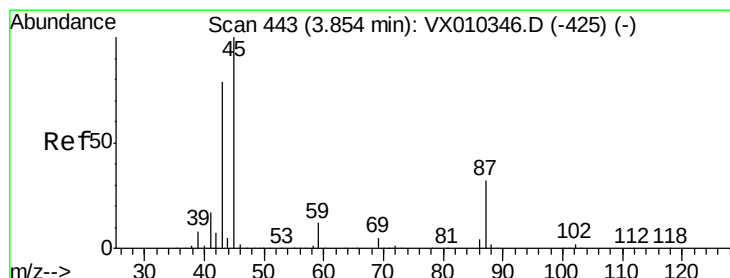
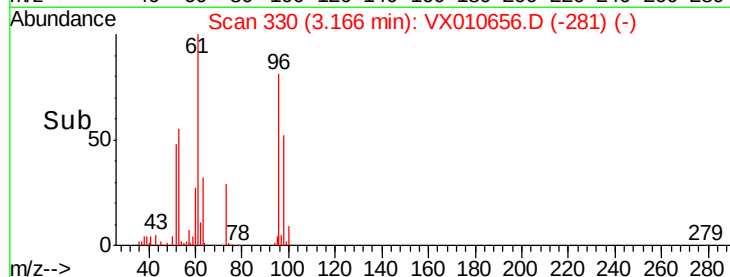
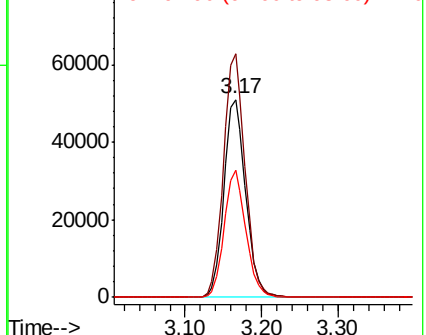


Abundance

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: 59.852 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX010656.D

Acq: 03 Jul 2019 21:28

Tgt Ion: 45 Resp: 297542

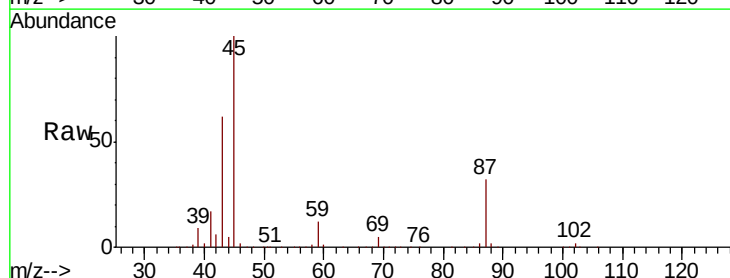
Ion Ratio Lower Upper

45 100

43 62.4 63.3 94.9#

87 31.7 25.8 38.8

59 11.9 9.6 14.4



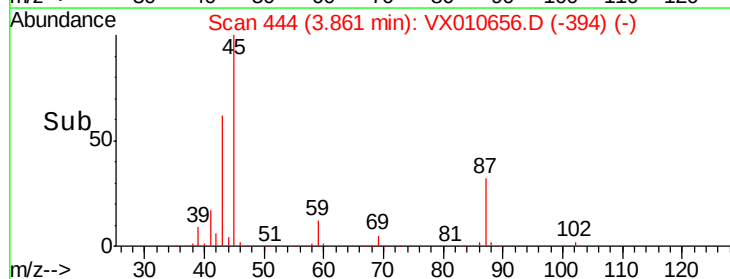
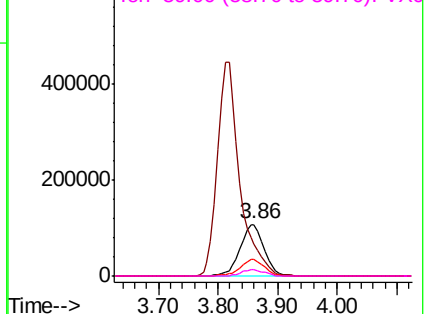
Abundance

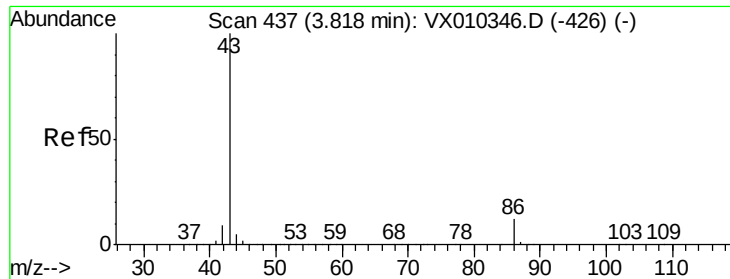
Ion 45.00 (44.70 to 45.70): VX0

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: 271.116 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010656.D

Acq: 03 Jul 2019 21:28

Instrument :

MSVOA_X

ClientSampleId :

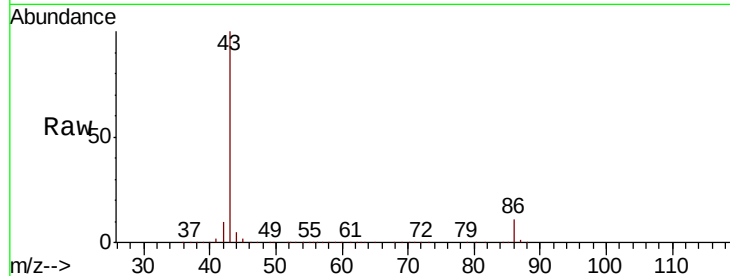
SP19-JMW0991MS

Tot Ion: 43 Resp: 1164358

Ion Ratio Lower Upper

43 100

86 11.4 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.81

400000

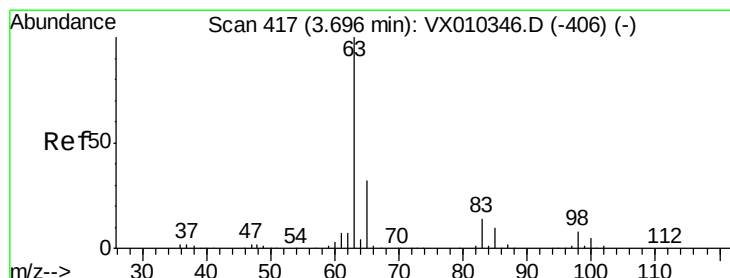
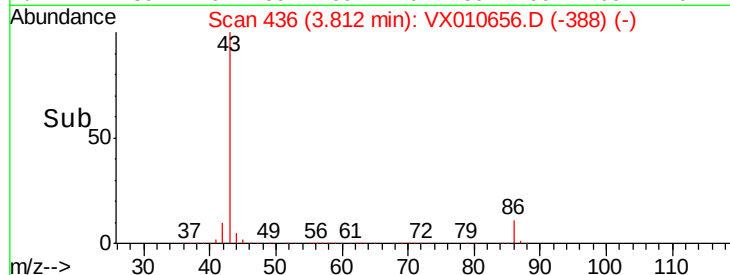
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 59.188 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010656.D

Acq: 03 Jul 2019 21:28

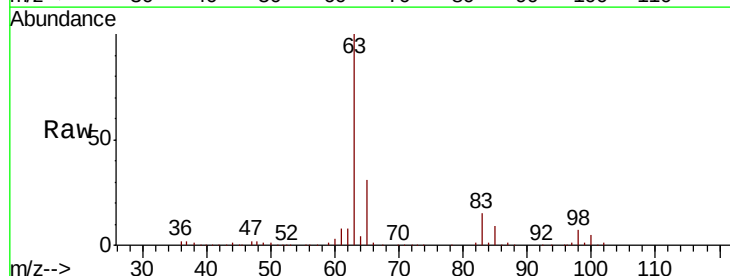
Tgt Ion: 63 Resp: 170083

Ion Ratio Lower Upper

63 100

98 7.5 3.9 11.7

100 5.2 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

80000

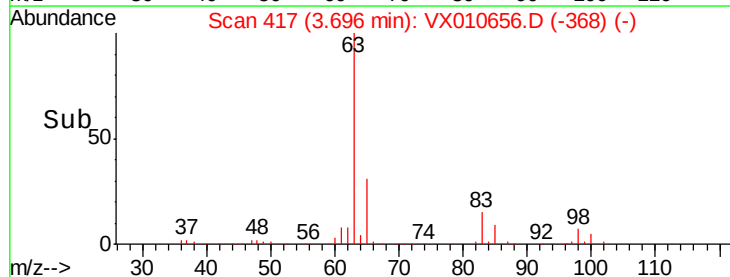
60000

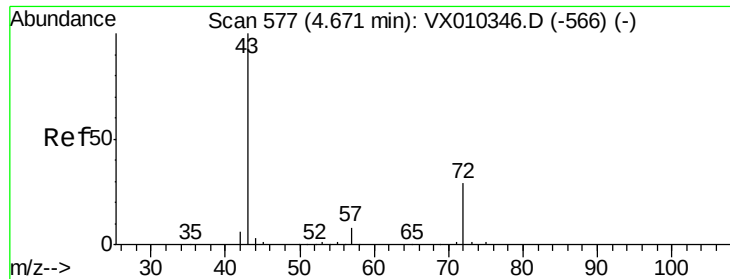
40000

20000

0

Time-->





#25

2-Butanone

Concen: 289.199 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX010656.D

Acq: 03 Jul 2019 21:28

Instrument :

MSVOA_X

ClientSampleId :

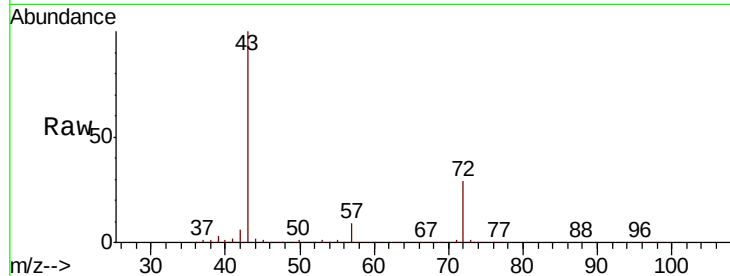
SP19-JMW0991MS

Tot Ion: 43 Resp: 385166

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

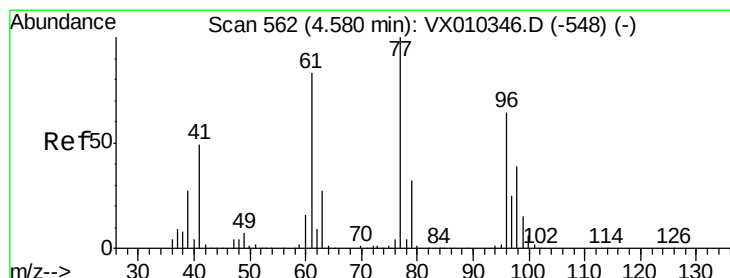
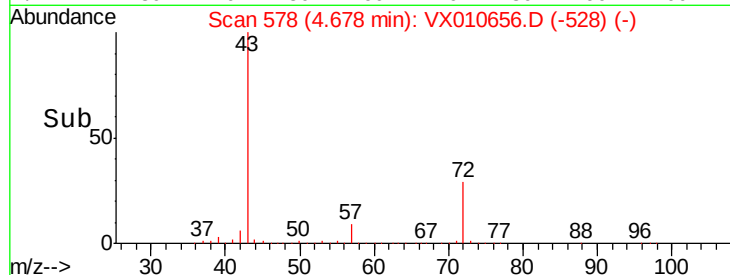
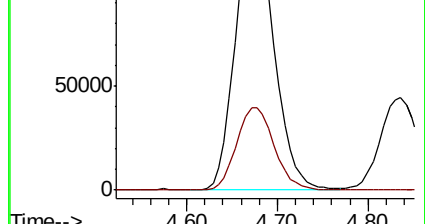
150000

100000

50000

0

4.60 4.68 4.70 4.80



#26

2,2-Dichloropropane

Concen: 38.505 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX010656.D

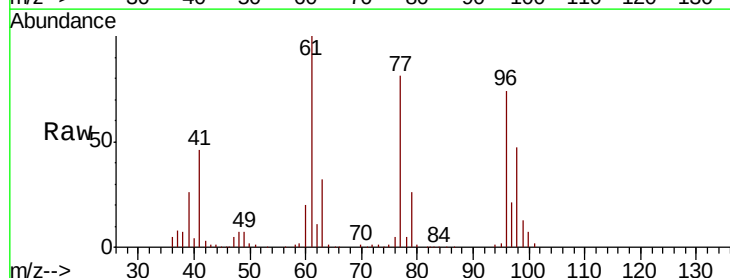
Acq: 03 Jul 2019 21:28

Tgt Ion: 77 Resp: 96120

Ion Ratio Lower Upper

77 100

97 27.4 13.1 39.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

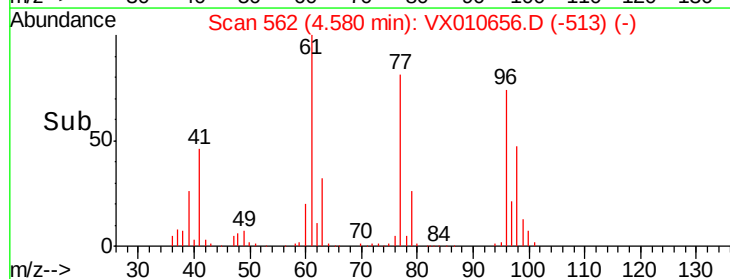
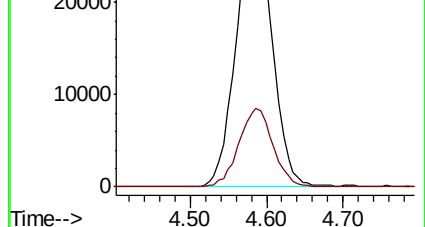
30000

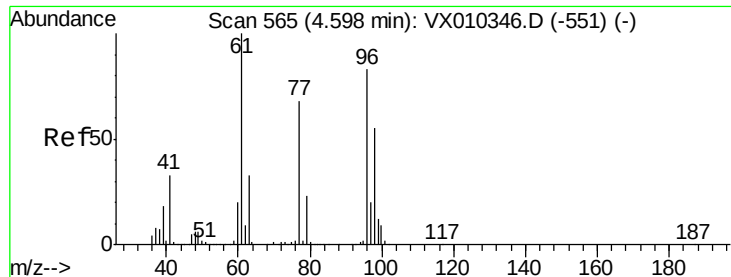
20000

10000

0

4.50 4.58 4.60 4.70



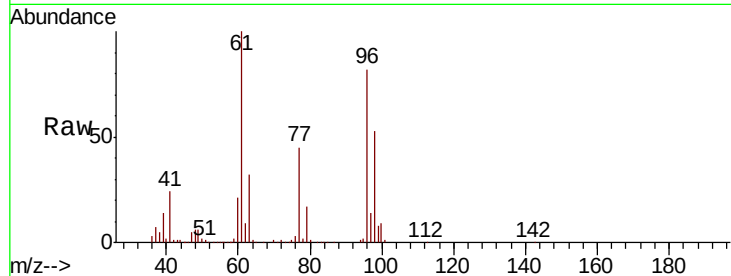


#27

cis-1,2-Dichloroethene
 Concen: 56.877 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX010656.D
 Acq: 03 Jul 2019 21:28

Instrument :
 MSVOA_X
 ClientSampleId :
 SP19-JMW0991MS

Tot Ion	Ratio	Lower	Upper
96	100		
61	124.5	0.0	251.8
98	64.8	0.0	129.4

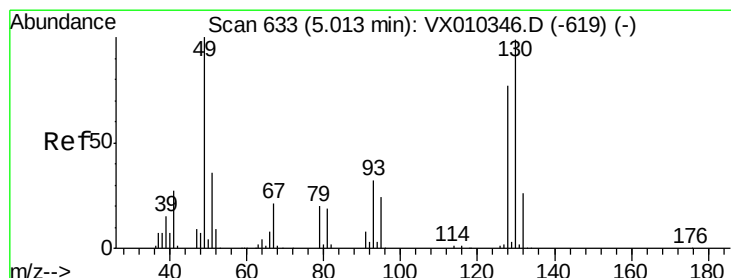
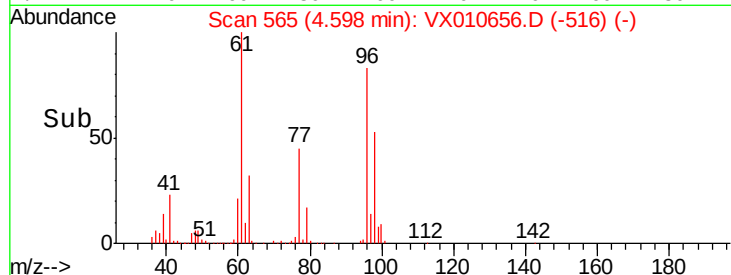
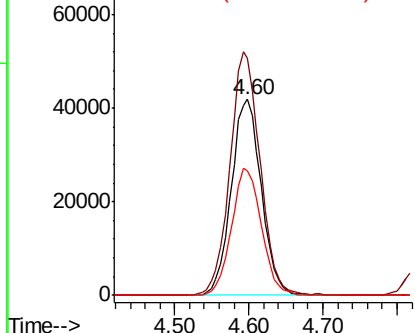


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

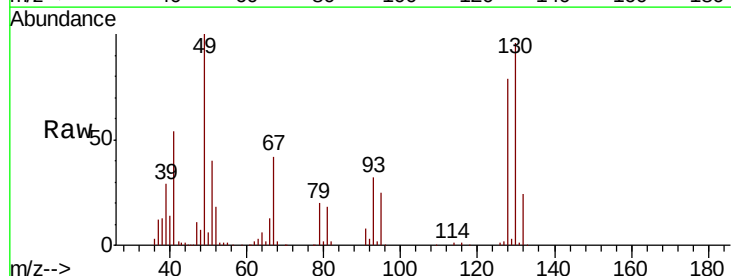
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
 Concen: 52.842 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.01 min
 Lab File: VX010656.D
 Acq: 03 Jul 2019 21:28

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.6
130	96.2	81.4	122.0

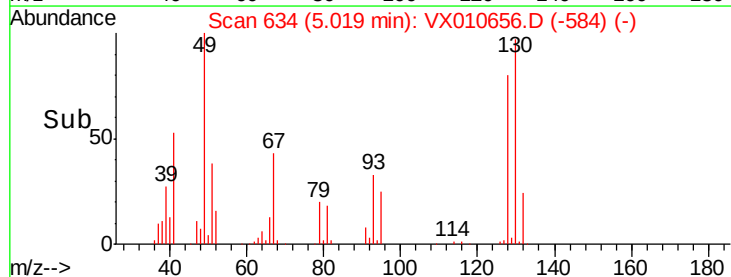
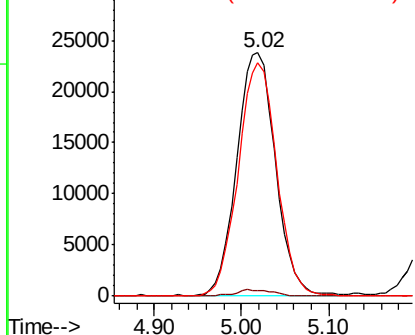


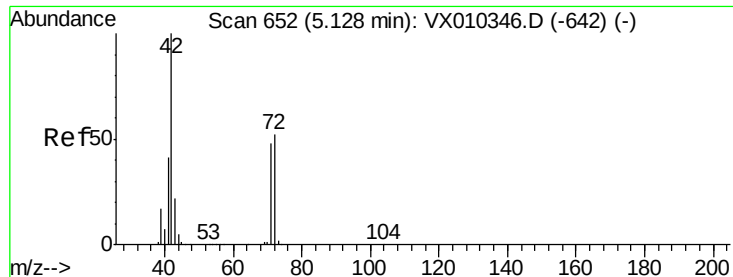
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 309.261 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX010656.D

Acq: 03 Jul 2019 21:28

Instrument :

MSVOA_X

ClientSampleId :

SP19-JMW0991MS

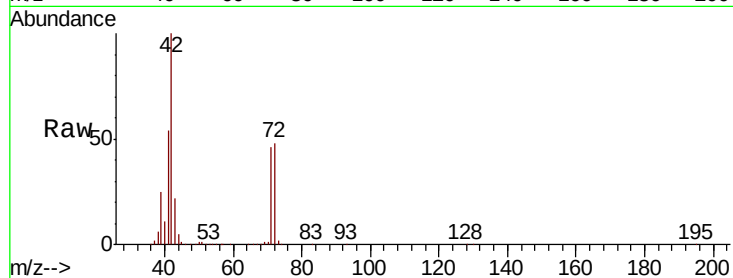
Tot Ion: 42 Resp: 255125

Ion Ratio Lower Upper

42 100

72 48.9 40.6 60.8

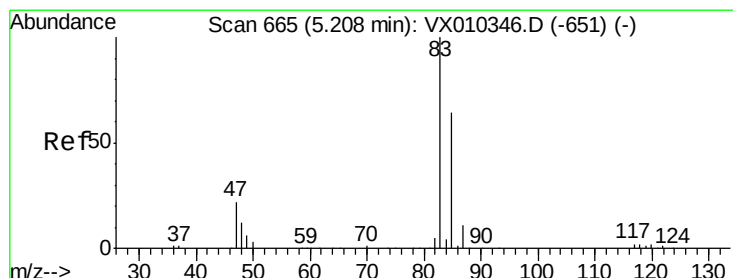
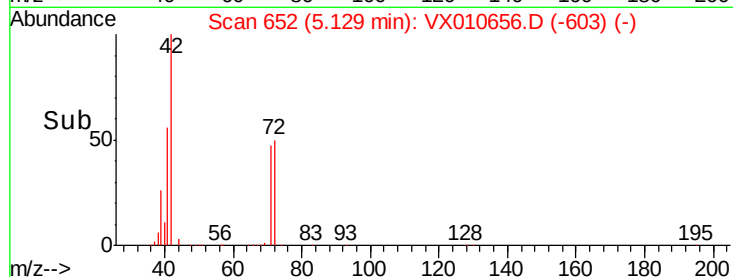
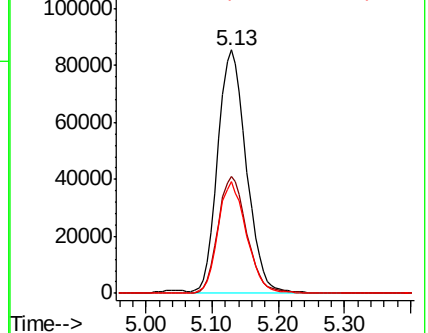
71 45.8 37.8 56.8



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: 57.869 ug/l

RT: 5.21 min Scan# 665

Delta R.T. 0.00 min

Lab File: VX010656.D

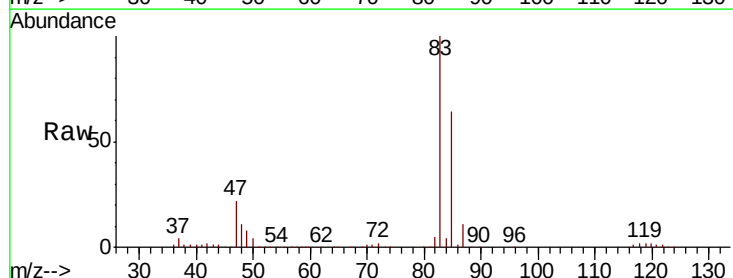
Acq: 03 Jul 2019 21:28

Tgt Ion: 83 Resp: 178922

Ion Ratio Lower Upper

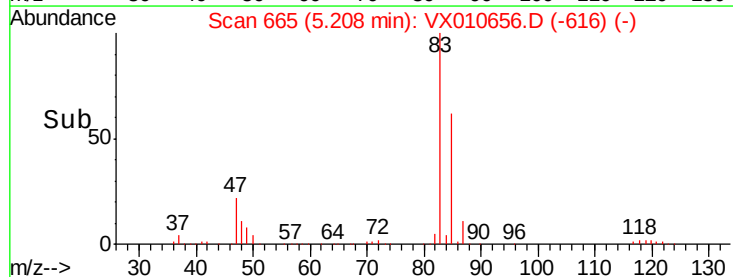
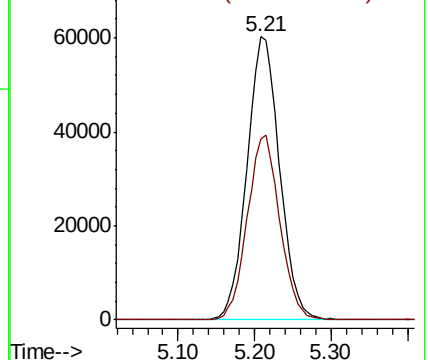
83 100

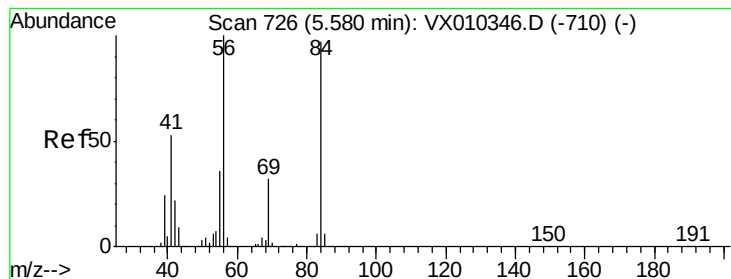
85 64.1 50.9 76.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 45.734 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010656.D

Acq: 03 Jul 2019 21:28

Instrument :

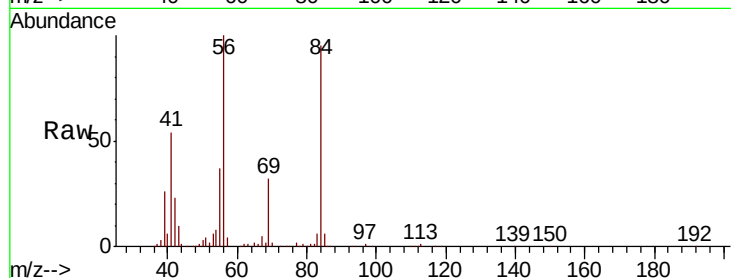
MSVOA_X

ClientSampleId :

SP19-JMW0991MS

Tot Ion: 56 Resp: 119677

Ion	Ratio	Lower	Upper
56	100		
69	32.2	25.9	38.9
84	93.5	78.0	117.0

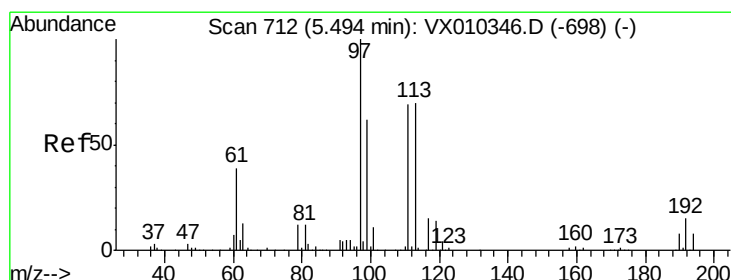
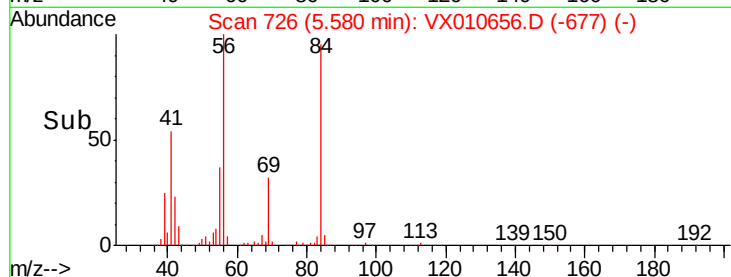
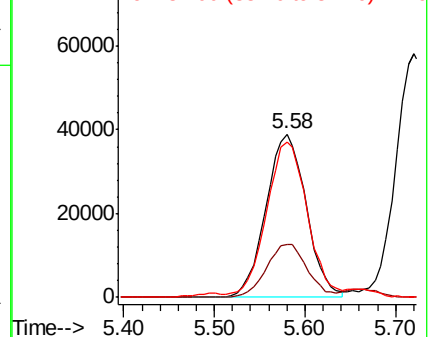


Abundance

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: 53.832 ug/l

RT: 5.49 min Scan# 712

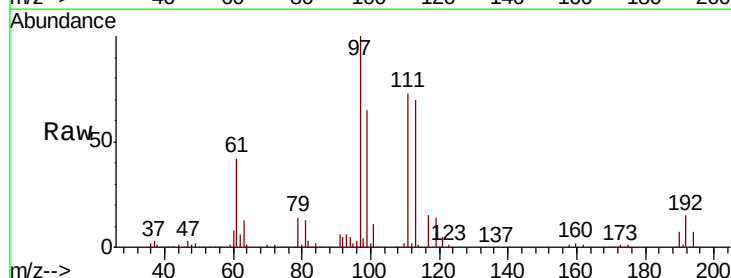
Delta R.T. 0.00 min

Lab File: VX010656.D

Acq: 03 Jul 2019 21:28

Tgt Ion: 97 Resp: 146964

Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.8	77.8
61	40.4	32.1	48.1

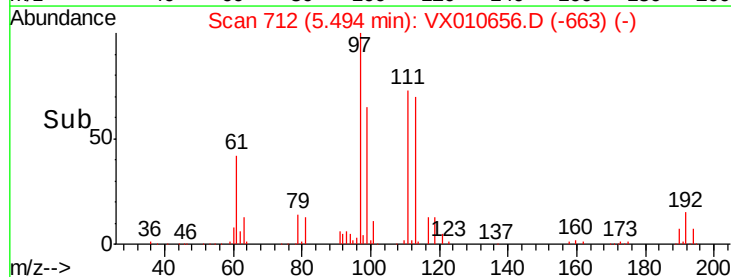
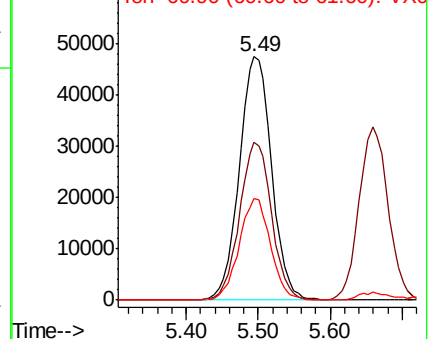


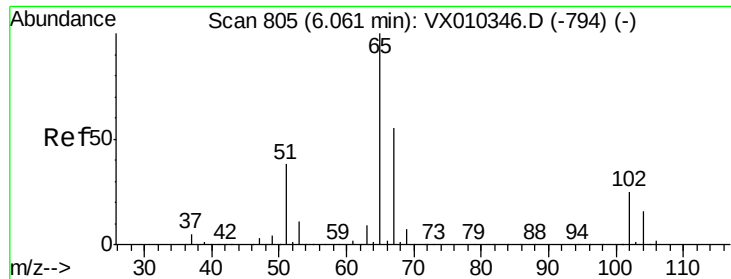
Abundance

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

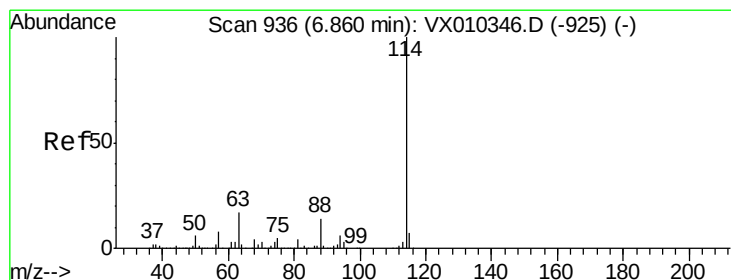
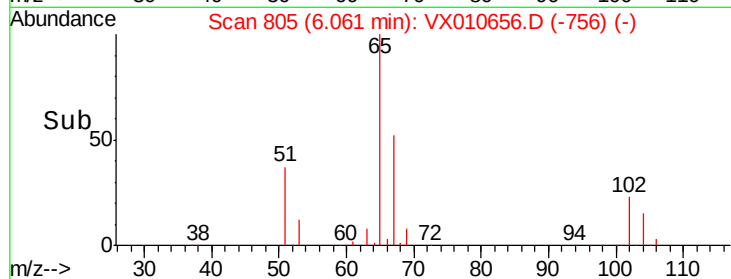
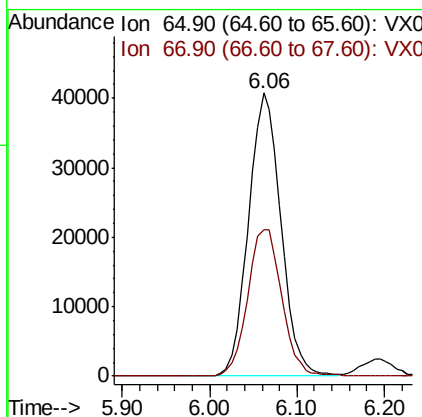
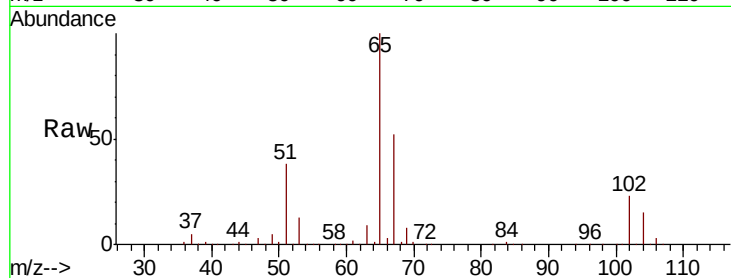




#33
 1,2-Dichloroethane-d4
 Concen: 58.050 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010656.D
 Acq: 03 Jul 2019 21:28

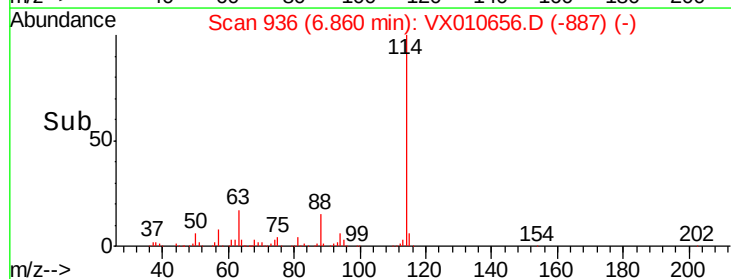
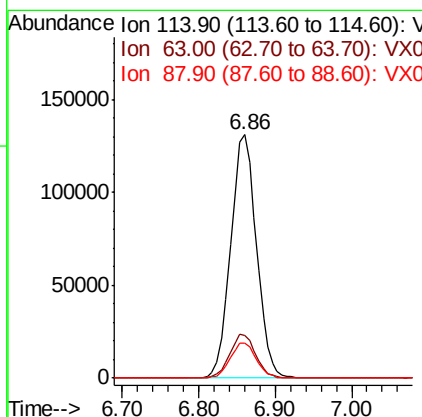
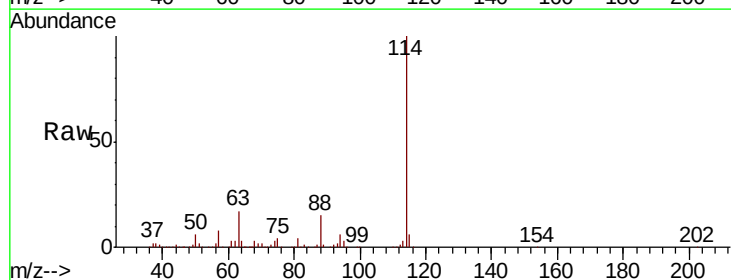
Instrument :
 MSVOA_X
 ClientSampleId :
 SP19-JMW0991MS

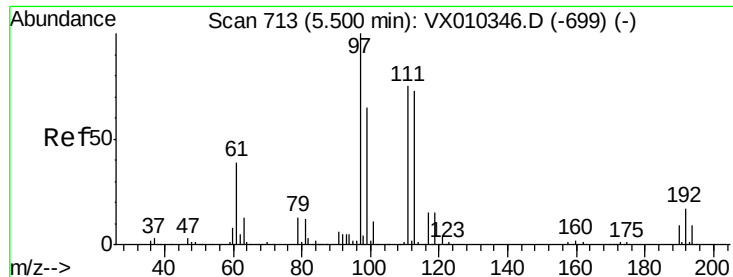
Tot Ion: 65 Resp: 105167
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010656.D
 Acq: 03 Jul 2019 21:28

Tgt Ion: 114 Resp: 306664
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 33.8
 88 14.6 0.0 27.6

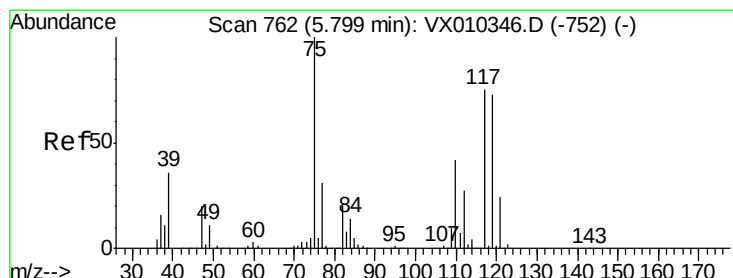
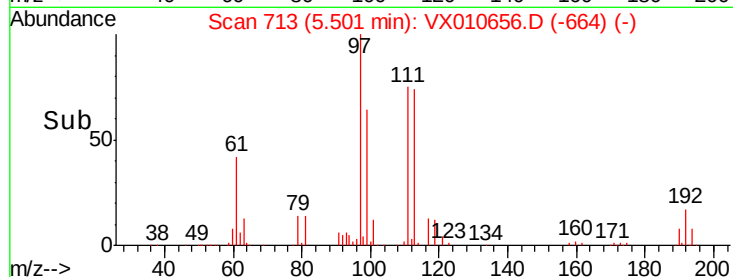
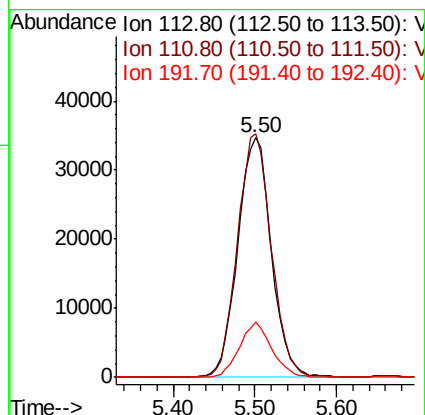
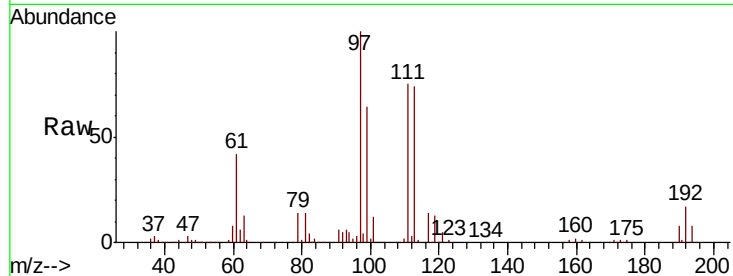




#35
 Dibromofluoromethane
 Concen: 52.857 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010656.D
 Acq: 03 Jul 2019 21:28

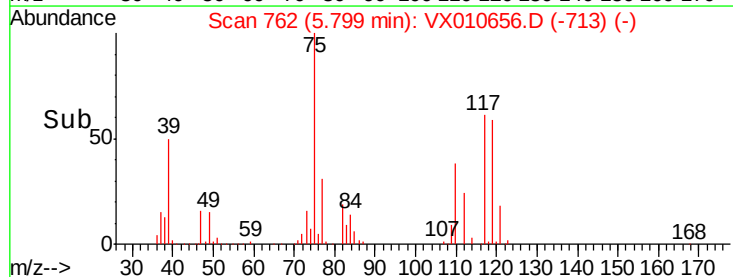
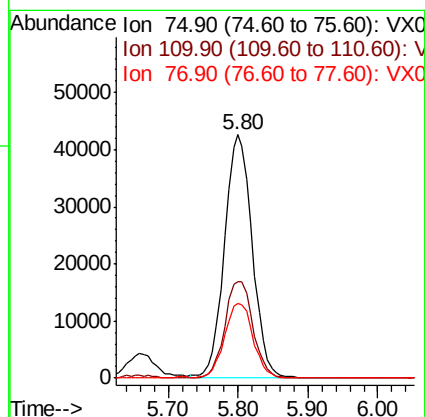
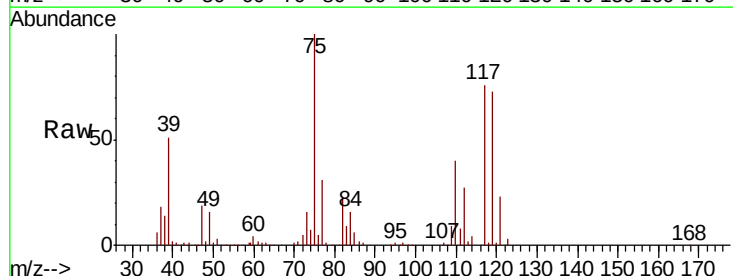
Instrument :
 MSVOA_X
 ClientSampleId :
 SP19-JMW0991MS

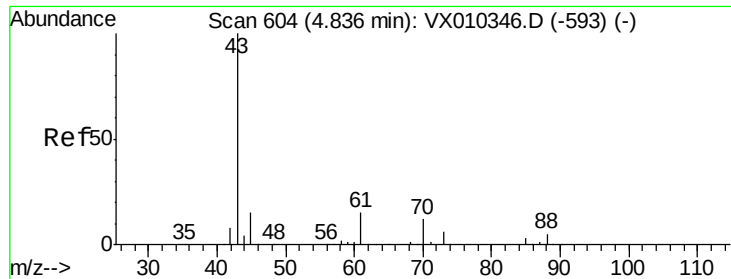
Tot Ion:113 Resp: 99174
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.2 121.8
 192 22.1 18.6 27.8



#36
 1,1-Dichloropropene
 Concen: 47.935 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX010656.D
 Acq: 03 Jul 2019 21:28

Tgt Ion: 75 Resp: 116815
 Ion Ratio Lower Upper
 75 100
 110 40.6 20.8 62.2
 77 31.9 25.4 38.0





#37

Ethyl Acetate

Concen: 53.102 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX010656.D

Acq: 03 Jul 2019 21:28

Instrument :

MSVOA_X

ClientSampleId :

SP19-JMW0991MS

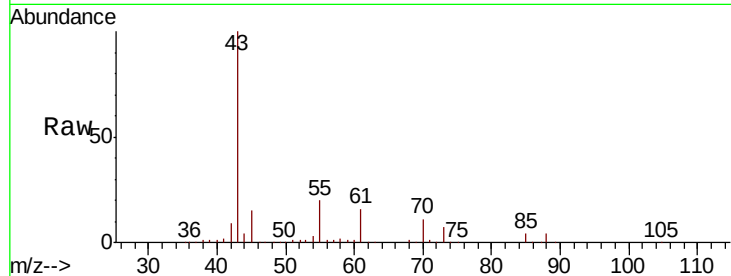
Tot Ion: 43 Resp: 133128

Ion Ratio Lower Upper

43 100

61 14.7 12.4 18.6

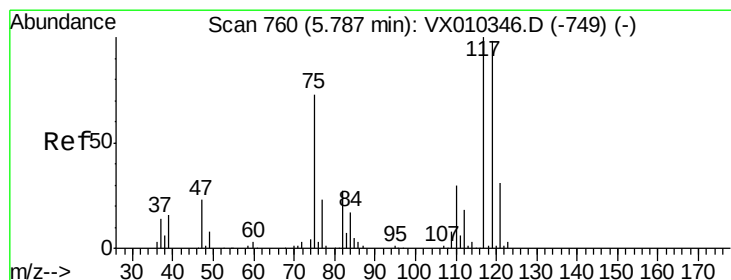
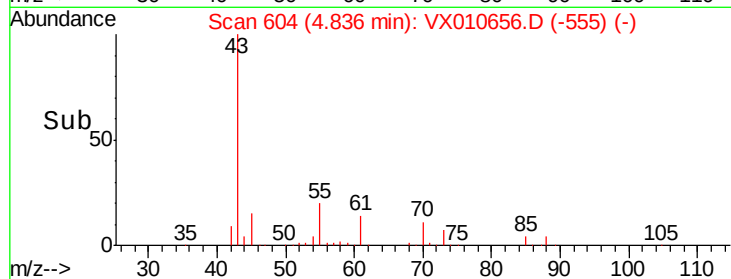
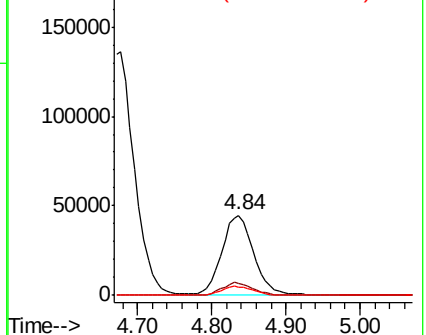
70 11.8 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 46.289 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX010656.D

Acq: 03 Jul 2019 21:28

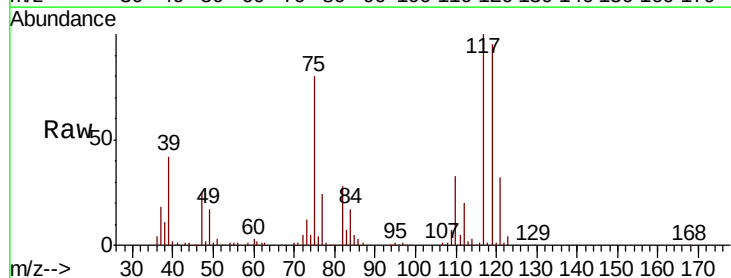
Tgt Ion: 117 Resp: 122149

Ion Ratio Lower Upper

117 100

119 95.3 78.2 117.4

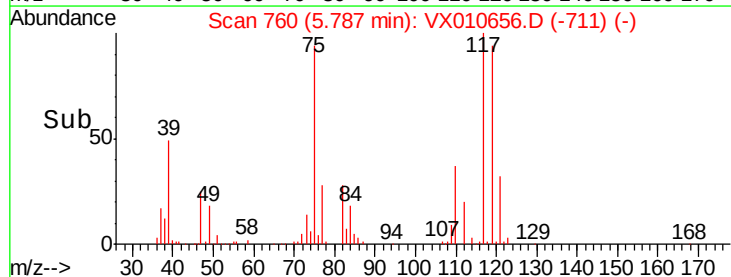
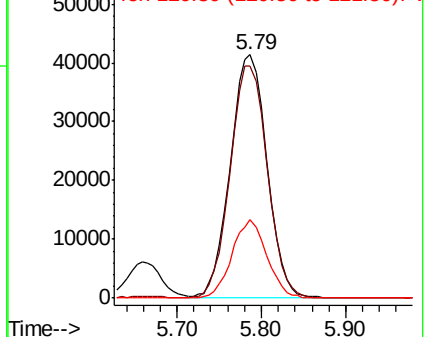
121 32.2 24.7 37.1

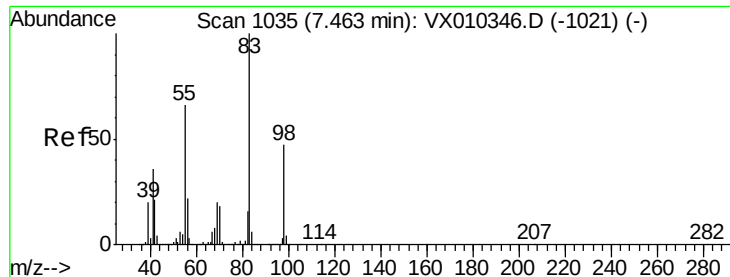


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

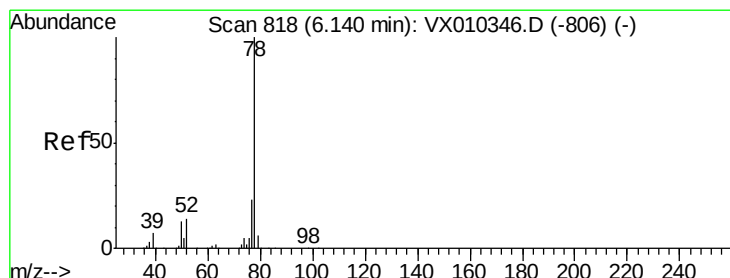
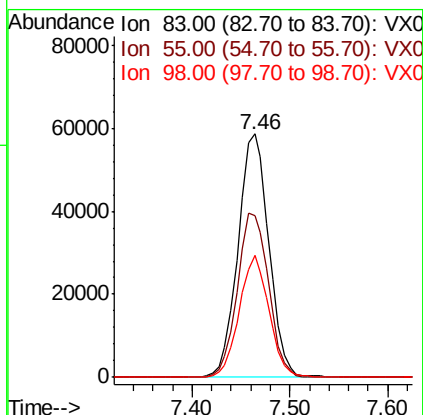
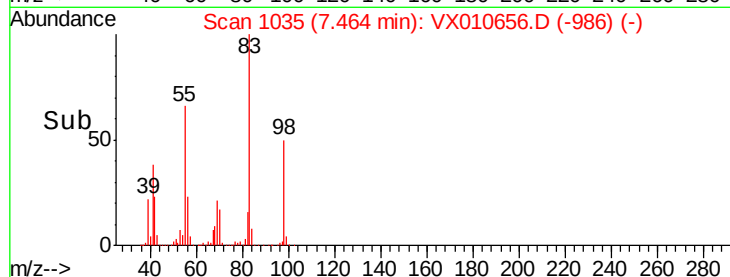
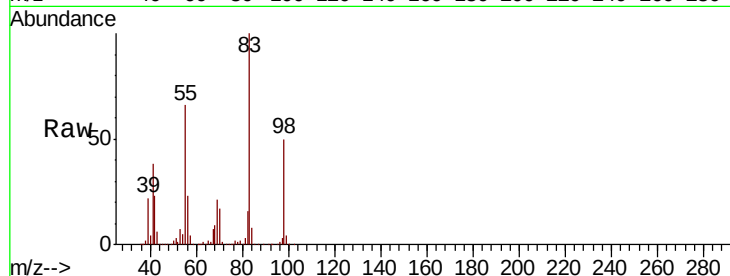




#39
Methylvlcyclohexane
Concen: 40.016 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010656.D
Acq: 03 Jul 2019 21:28

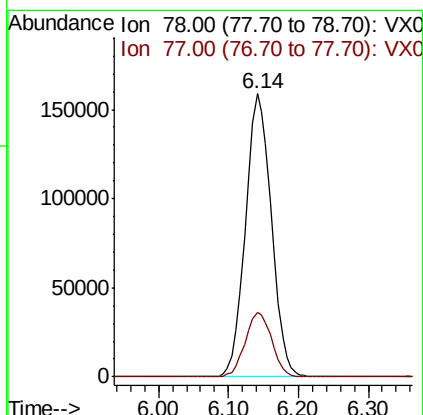
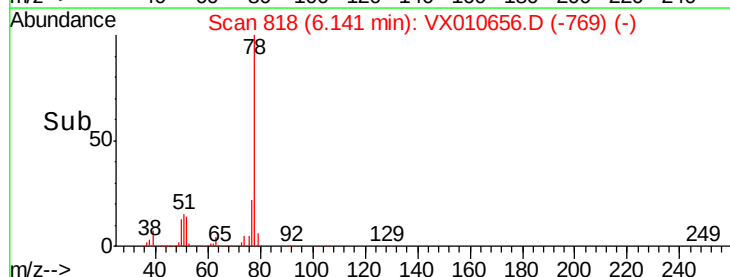
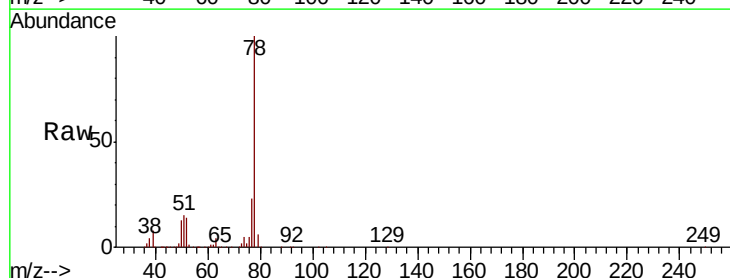
Instrument :
MSVOA_X
ClientSampleId :
SP19-JMW0991MS

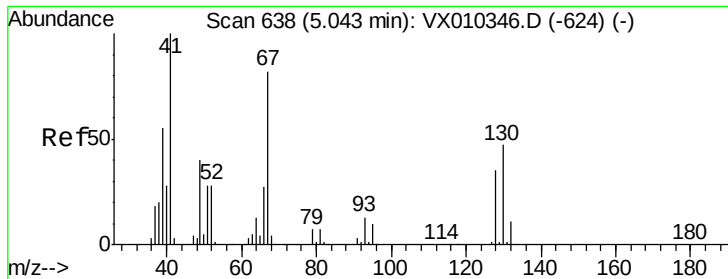
Tot Ion	83	Resp	128182
Ion Ratio	Lower	Upper	
83	100		
55	66.3	53.0	79.6
98	50.2	37.8	56.8



#40
Benzene
Concen: 53.856 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010656.D
Acq: 03 Jul 2019 21:28

Tgt Ion	78	Resp	408883
Ion Ratio	Lower	Upper	
78	100		
77	22.7	18.6	28.0





#41

Methacrylonitrile

Concen: 57.811 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX010656.D

Acq: 03 Jul 2019 21:28

Instrument :

MSVOA_X

ClientSampleId :

SP19-JMW0991MS

Tot Ion: 41 Resp: 79522

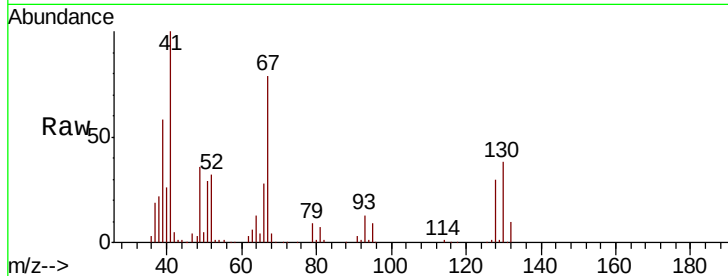
Ion Ratio Lower Upper

41 100

39 55.2 43.8 65.8

67 81.5 66.6 100.0

52 32.7 24.5 36.7

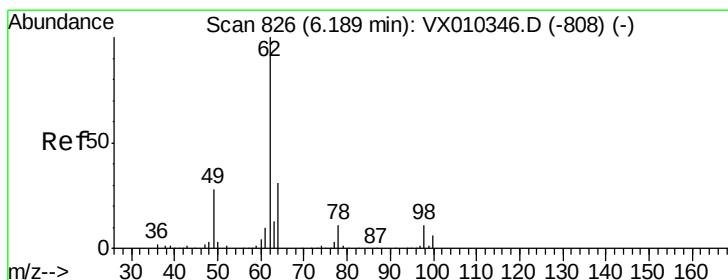
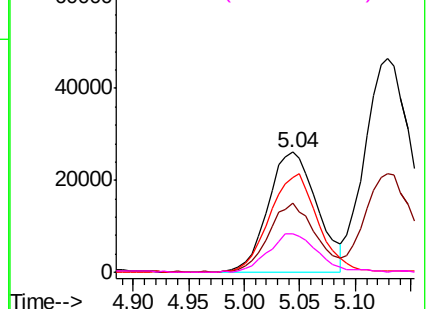
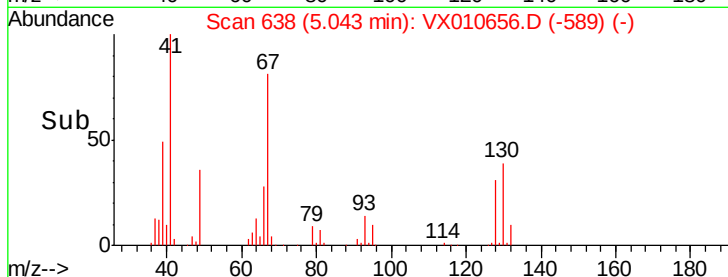


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 60.062 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.01 min

Lab File: VX010656.D

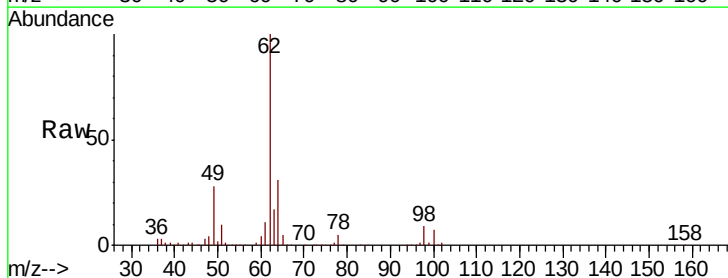
Acq: 03 Jul 2019 21:28

Tgt Ion: 62 Resp: 138808

Ion Ratio Lower Upper

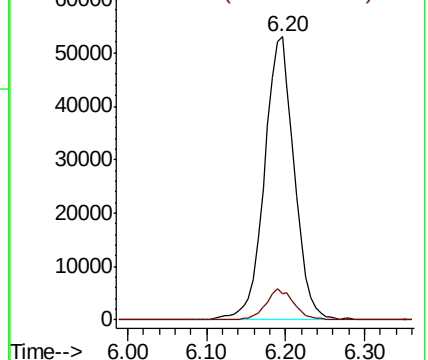
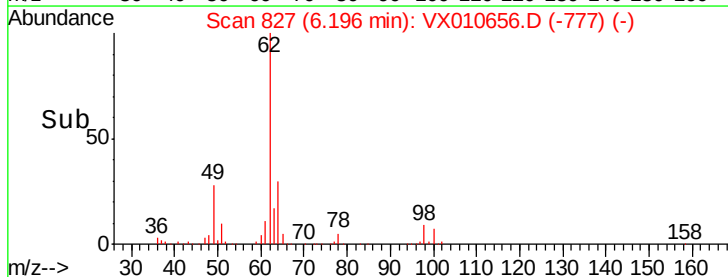
62 100

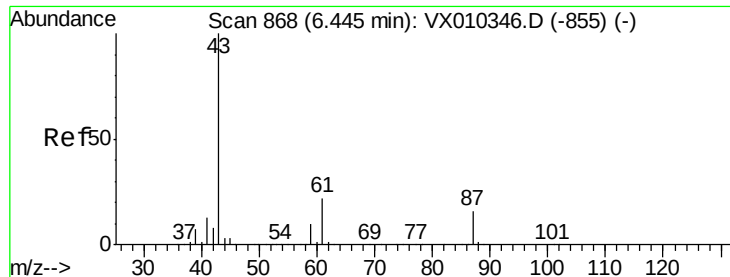
98 10.2 0.0 22.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 52.659 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX010656.D

Acq: 03 Jul 2019 21:28

Instrument :

MSVOA_X

ClientSampleId :

SP19-JMW0991MS

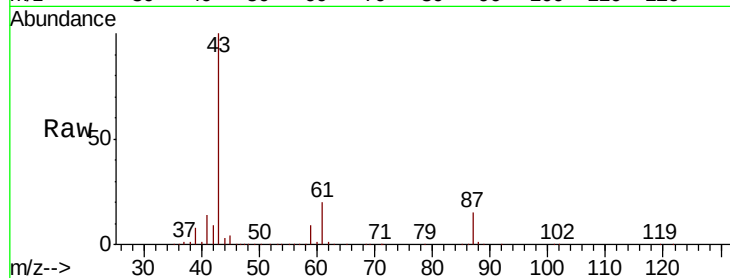
Tot Ion: 43 Resp: 218419

Ion Ratio Lower Upper

43 100

61 21.8 17.8 26.6

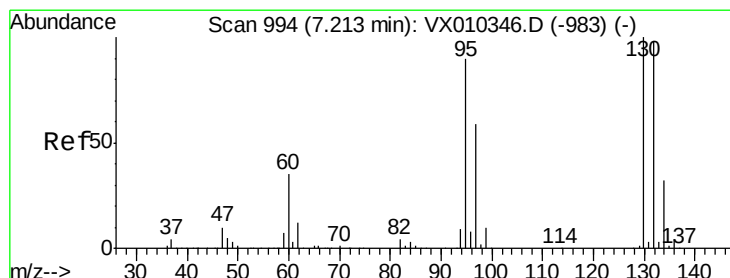
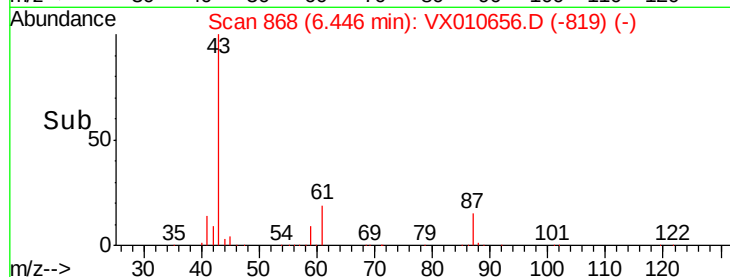
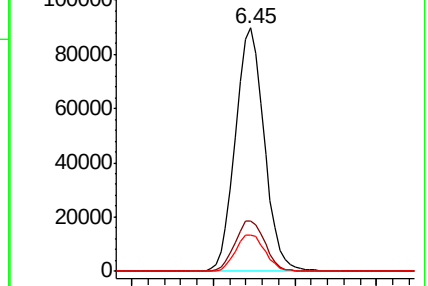
87 15.5 13.0 19.4



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: 48.995 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX010656.D

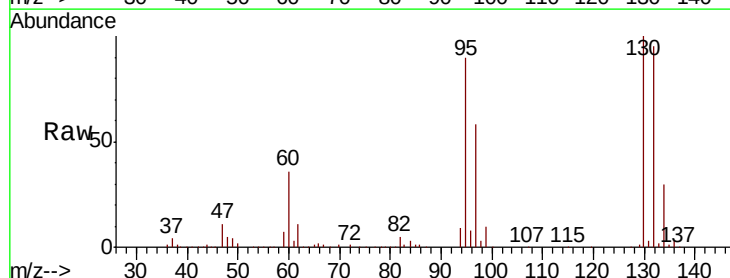
Acq: 03 Jul 2019 21:28

Tgt Ion:130 Resp: 111305

Ion Ratio Lower Upper

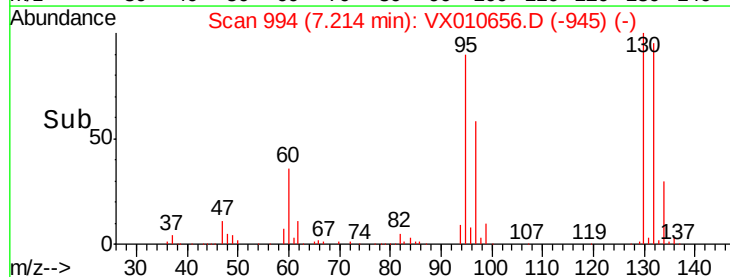
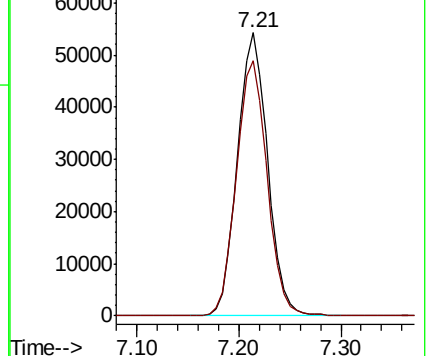
130 100

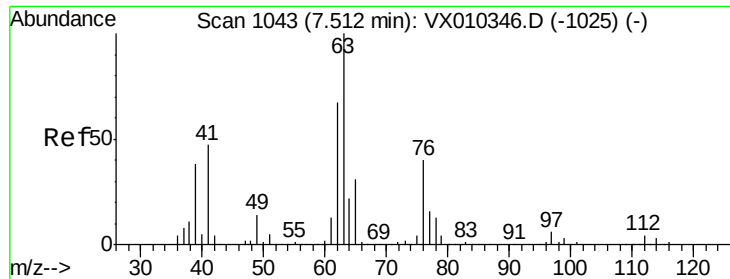
95 90.1 0.0 180.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

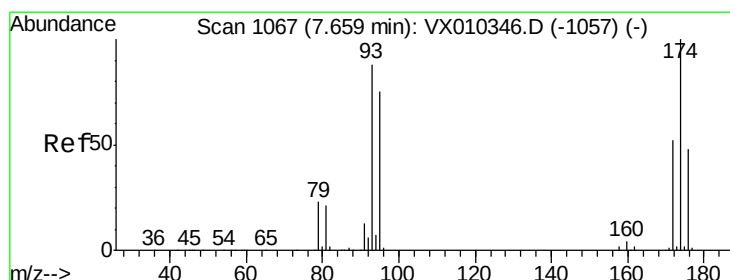
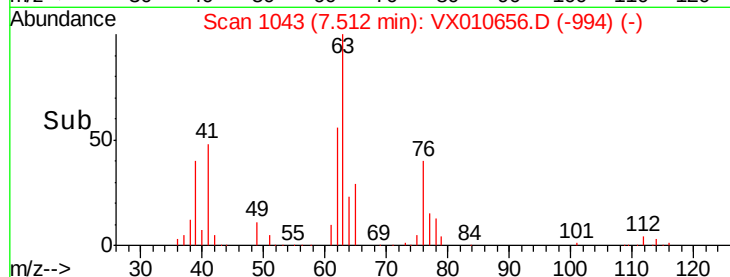
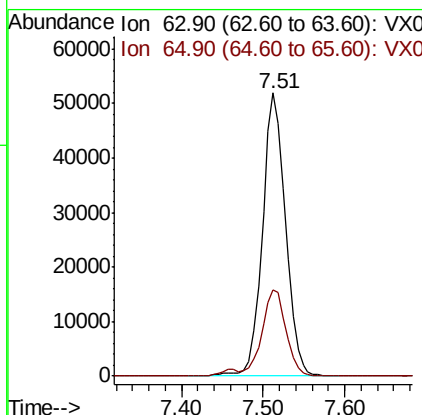
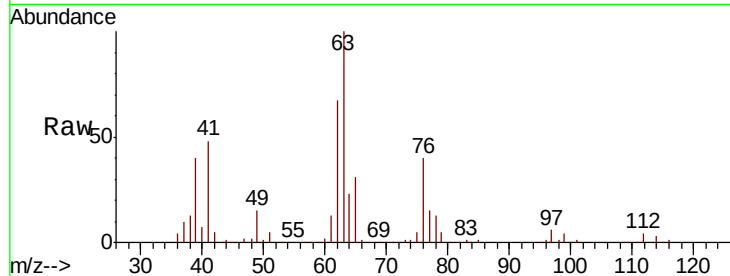




#45
 1,2-Dichloropropane
 Concen: 53.569 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX010656.D
 Acq: 03 Jul 2019 21:28

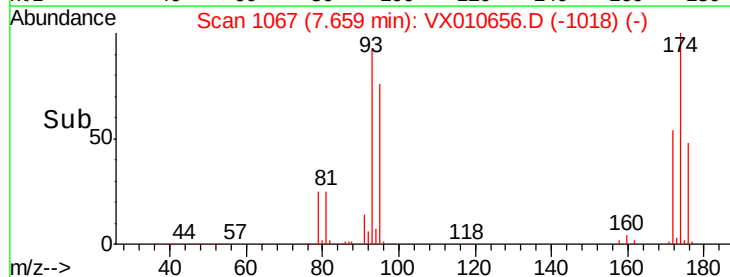
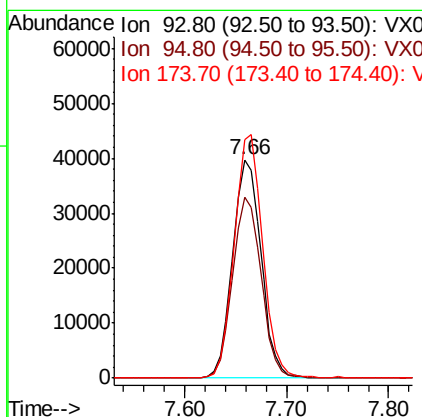
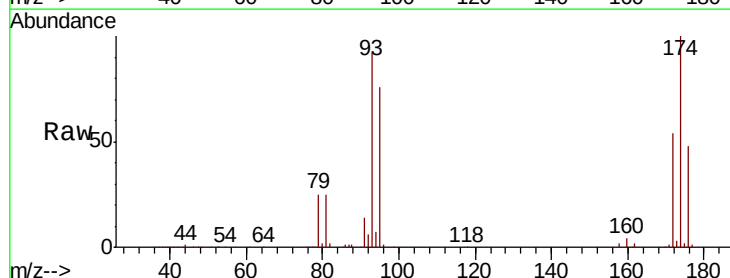
Instrument :
 MSVOA_X
 ClientSampleId :
 SP19-JMW0991MS

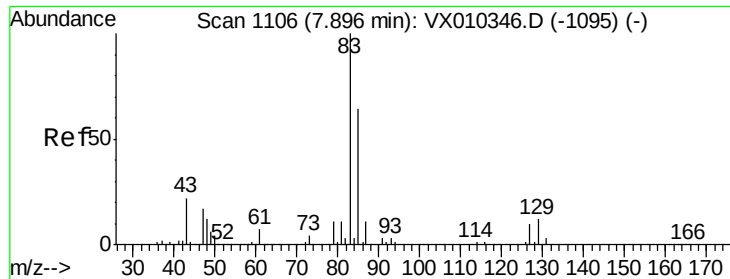
Tot Ion: 63 Resp: 102705
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.8 37.2



#46
 Dibromomethane
 Concen: 55.982 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX010656.D
 Acq: 03 Jul 2019 21:28

Tgt Ion: 93 Resp: 77007
 Ion Ratio Lower Upper
 93 100
 95 83.3 67.5 101.3
 174 110.5 95.8 143.6





#47

Bromodichloromethane

Concen: 53.558 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010656.D

Acq: 03 Jul 2019 21:28

Instrument :

MSVOA_X

ClientSampleId :

SP19-JMW0991MS

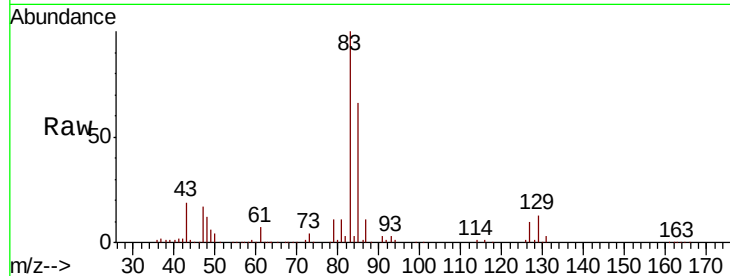
Tot Ion: 83 Resp: 135014

Ion Ratio Lower Upper

83 100

85 66.1 51.5 77.3

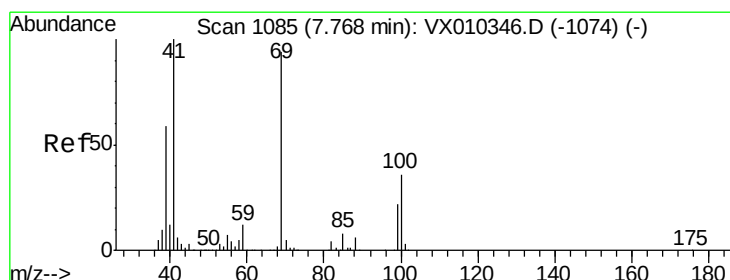
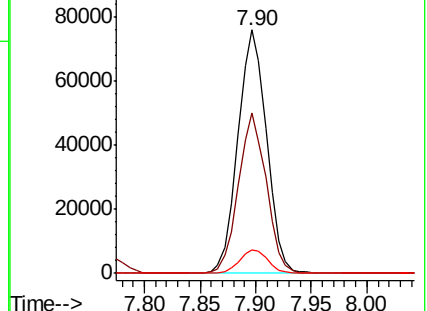
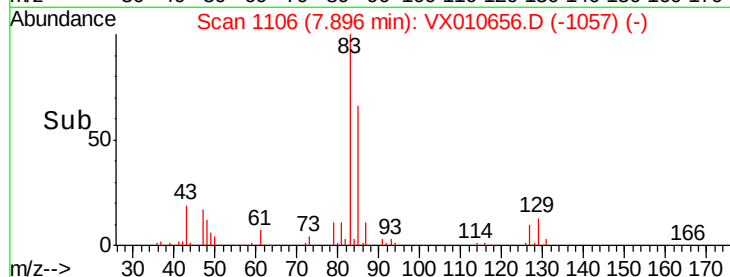
127 9.7 7.8 11.8



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: 58.458 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX010656.D

Acq: 03 Jul 2019 21:28

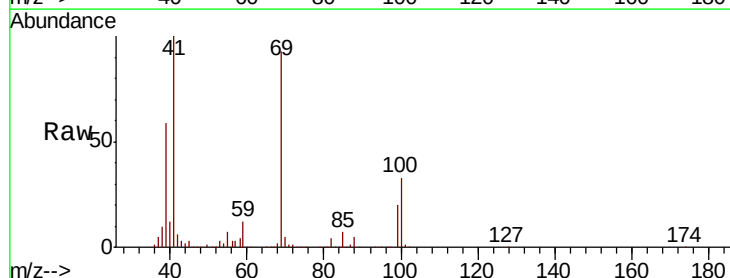
Tgt Ion: 41 Resp: 112704

Ion Ratio Lower Upper

41 100

69 93.3 76.1 114.1

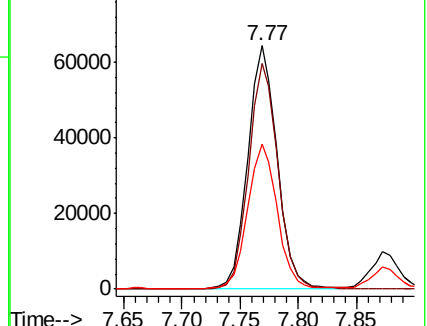
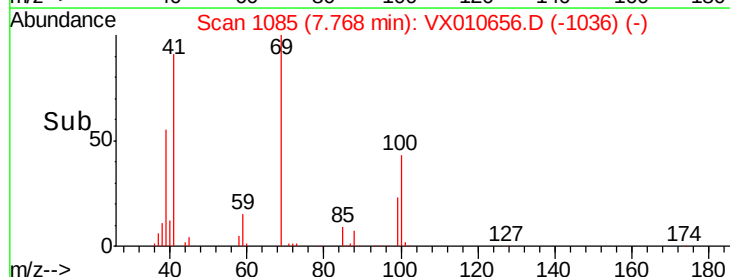
39 60.3 47.6 71.4

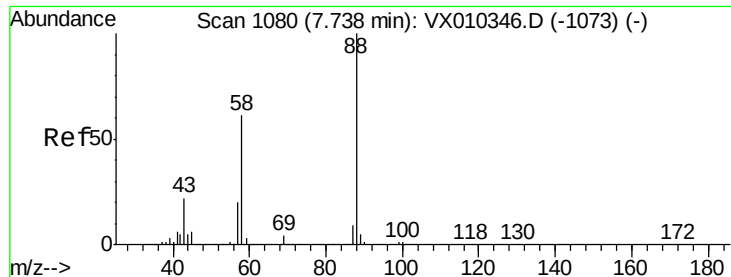


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1040.955 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX010656.D

Acq: 03 Jul 2019 21:28

Instrument :

MSVOA_X

ClientSampleId :

SP19-JMW0991MS

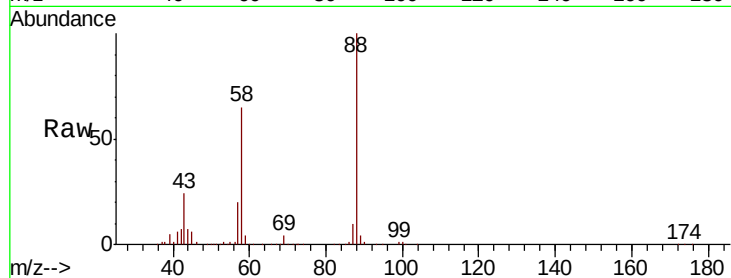
Tot Ion: 88 Resp: 57814

Ion Ratio Lower Upper

88 100

43 28.3 20.2 30.2

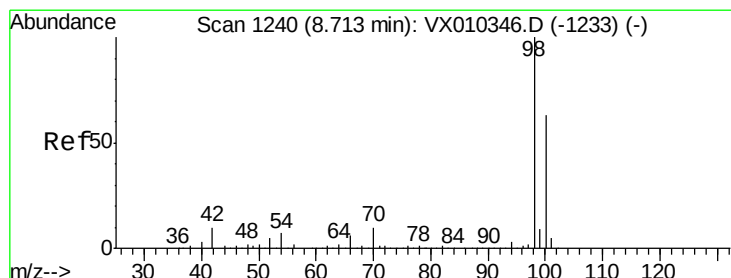
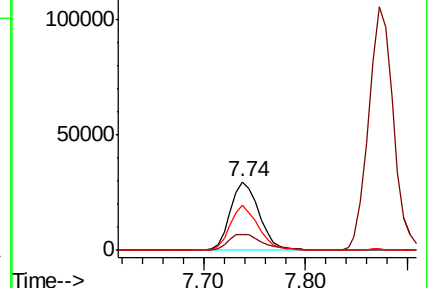
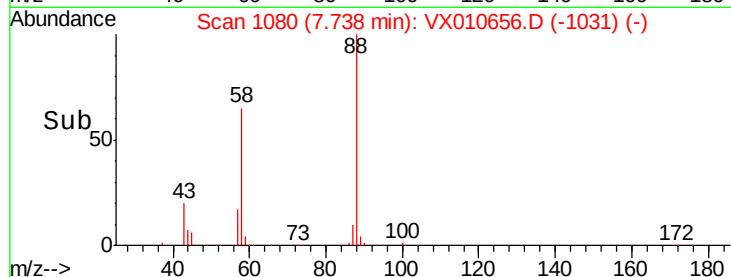
58 64.7 49.5 74.3



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 47.596 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010656.D

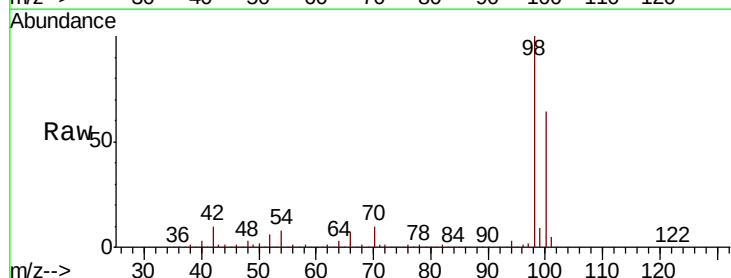
Acq: 03 Jul 2019 21:28

Tgt Ion: 98 Resp: 341657

Ion Ratio Lower Upper

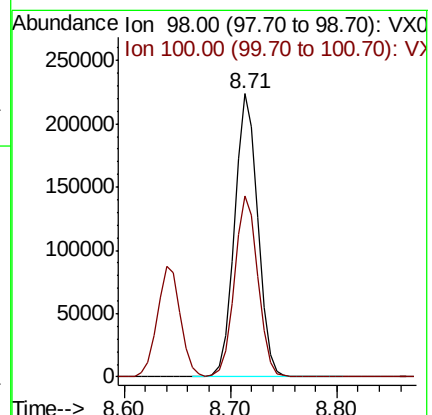
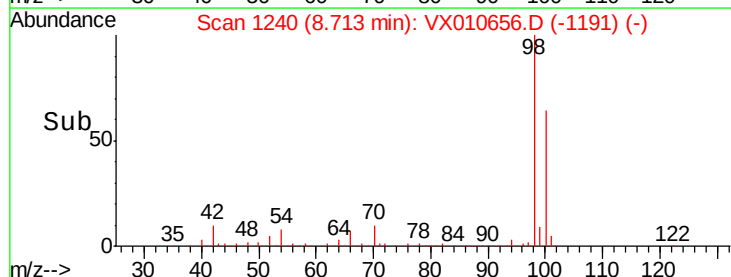
98 100

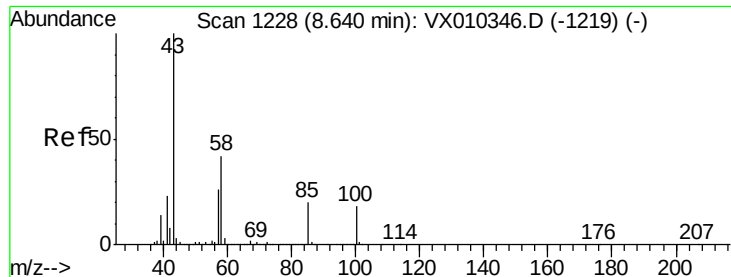
100 64.4 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

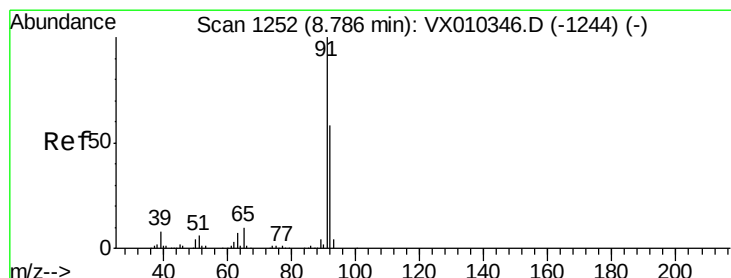
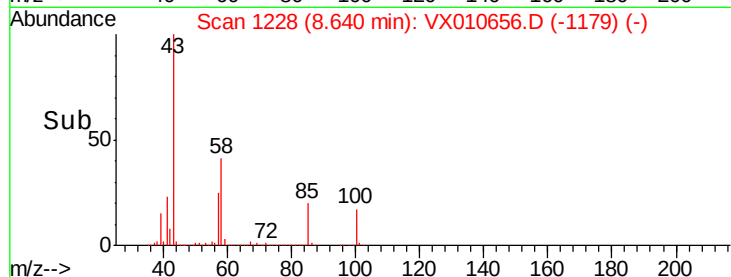
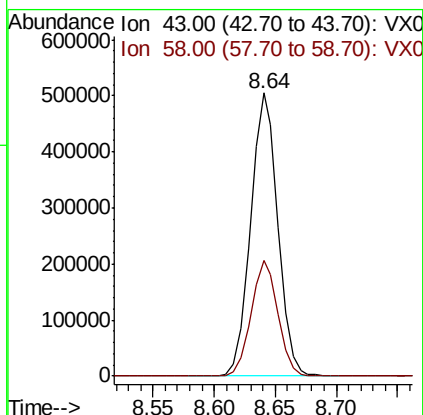
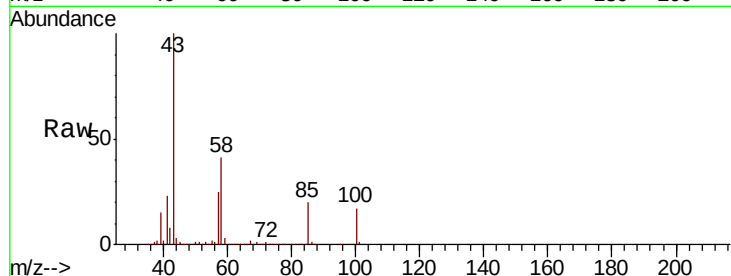




#51
 4-Methyl-2-Pentanone
 Concen: 294.239 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX010656.D
 Acq: 03 Jul 2019 21:28

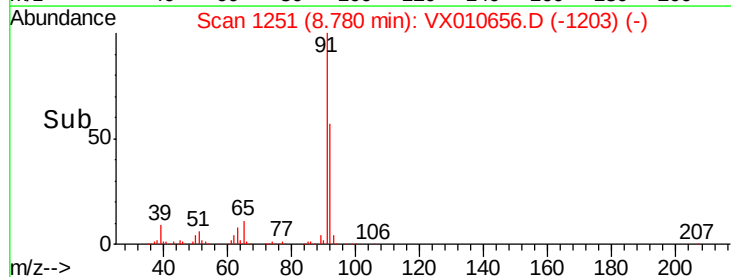
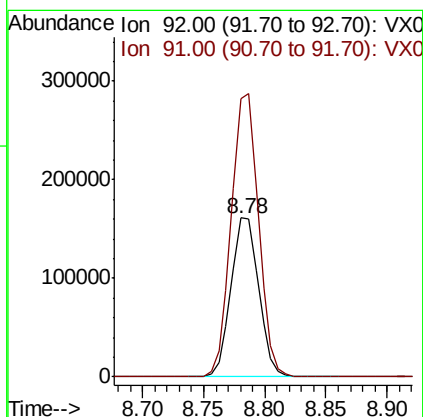
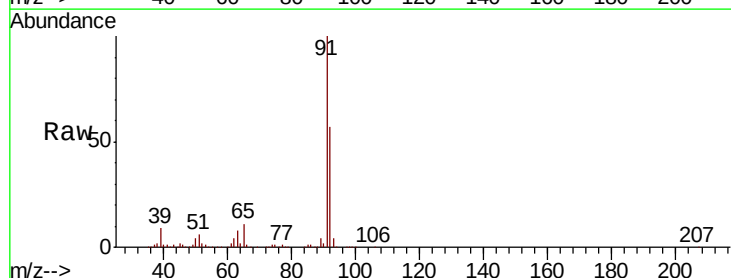
Instrument :
 MSVOA_X
 ClientSampleId :
 SP19-JMW0991MS

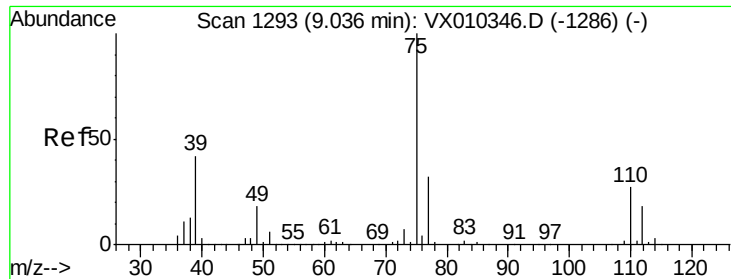
Tot Ion: 43 Resp: 780550
 Ion Ratio Lower Upper
 43 100
 58 40.5 33.5 50.3



#52
 Toluene
 Concen: 50.572 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: VX010656.D
 Acq: 03 Jul 2019 21:28

Tgt Ion: 92 Resp: 252848
 Ion Ratio Lower Upper
 92 100
 91 175.4 139.8 209.6

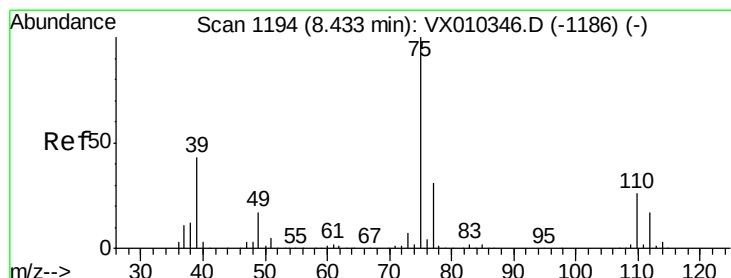
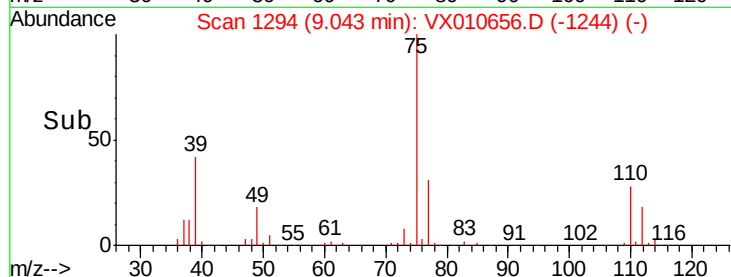
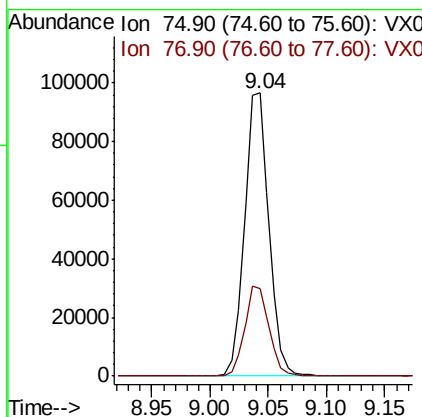
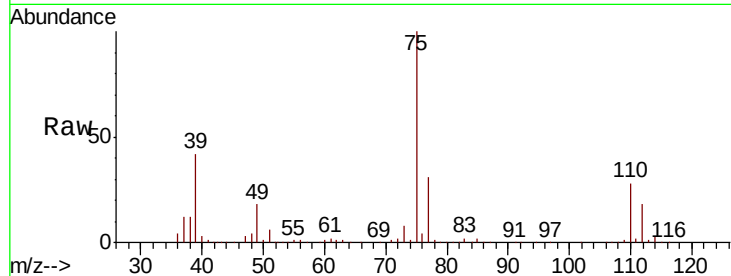




#53
 t-1,3-Dichloropropene
 Concen: 49.840 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.01 min
 Lab File: VX010656.D
 Acq: 03 Jul 2019 21:28

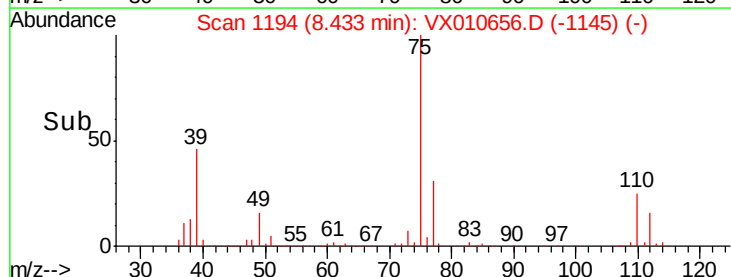
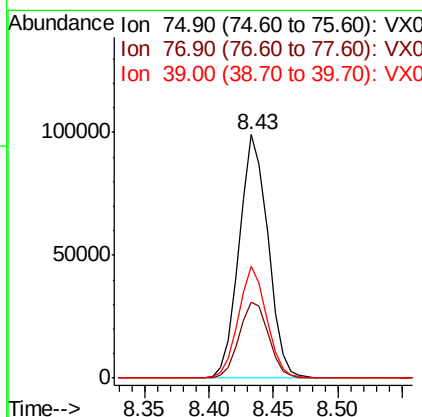
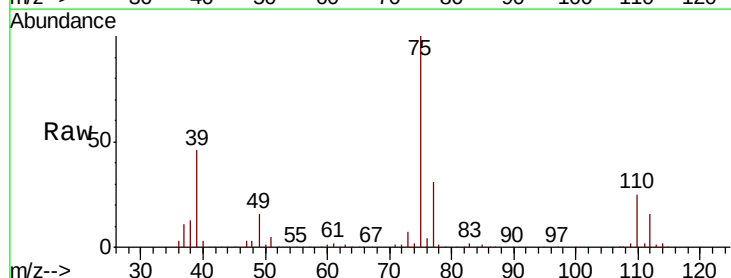
Instrument :
 MSVOA_X
 ClientSampleId :
 SP19-JMW0991MS

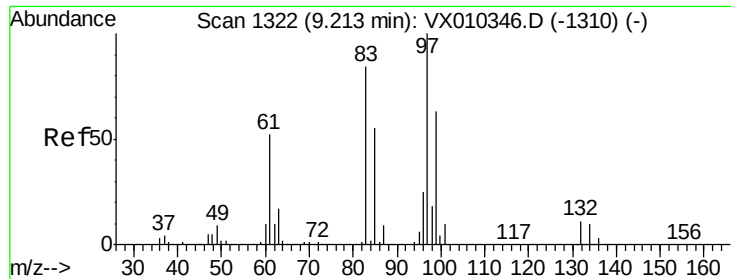
Tot Ion: 75 Resp: 140863
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 50.160 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX010656.D
 Acq: 03 Jul 2019 21:28

Tgt Ion: 75 Resp: 154061
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.2 37.8
 39 45.7 34.5 51.7

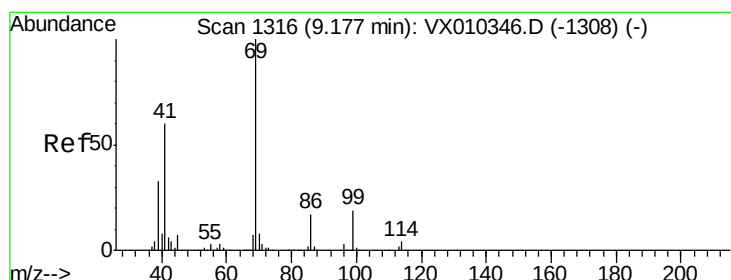
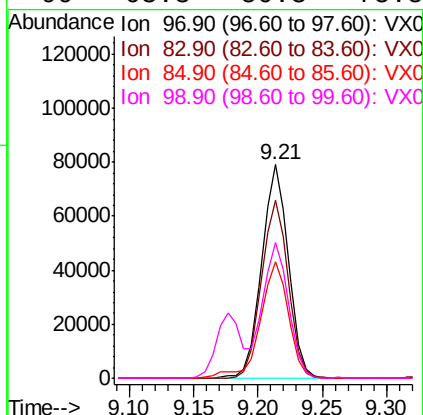
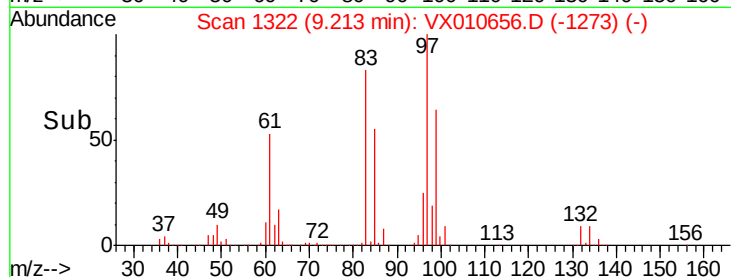
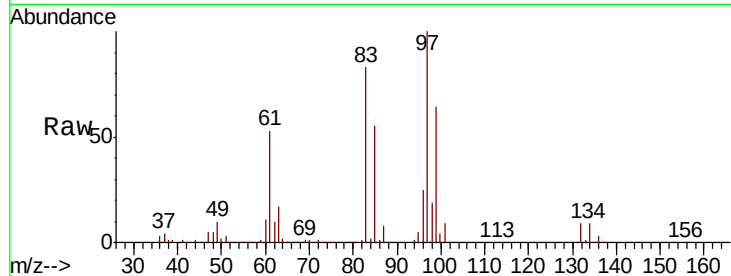




#55
 1,1,2-Trichloroethane
 Concen: 54.903 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010656.D
 Acq: 03 Jul 2019 21:28

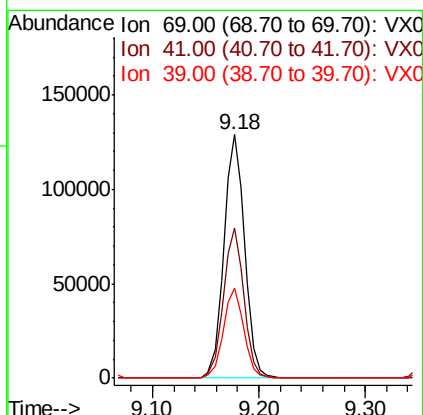
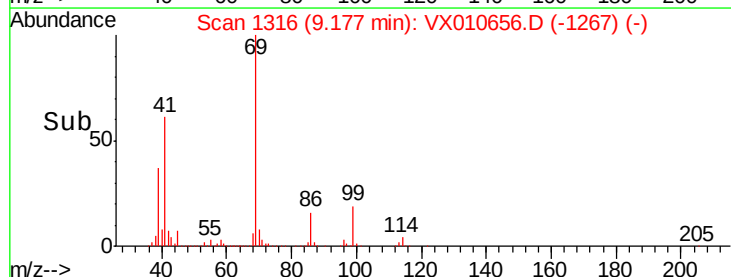
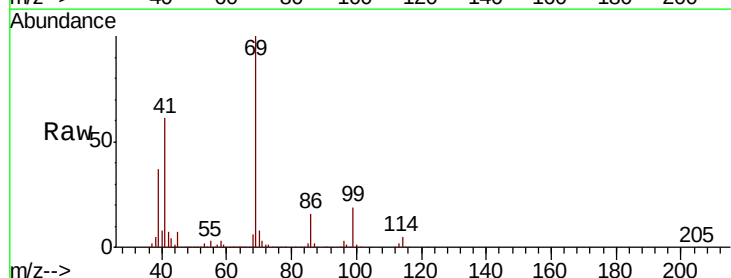
Instrument :
 MSVOA_X
 ClientSampleId :
 SP19-JMW0991MS

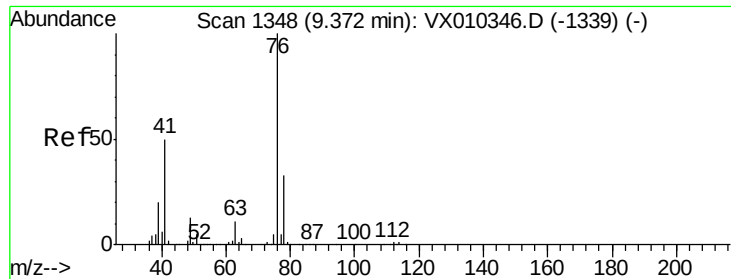
Tot Ion:	97	Resp:	113209
Ion	Ratio	Lower	Upper
97	100		
83	83.2	67.4	101.0
85	54.6	43.8	65.8
99	63.3	50.3	75.5



#56
 Ethyl methacrylate
 Concen: 56.306 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010656.D
 Acq: 03 Jul 2019 21:28

Tgt Ion:	69	Resp:	175881
Ion	Ratio	Lower	Upper
69	100		
41	60.6	47.1	70.7
39	36.1	26.6	40.0





#57

1,3-Dichloropropane

Concen: 55.476 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX010656.D

Acq: 03 Jul 2019 21:28

Instrument :

MSVOA_X

ClientSampleId :

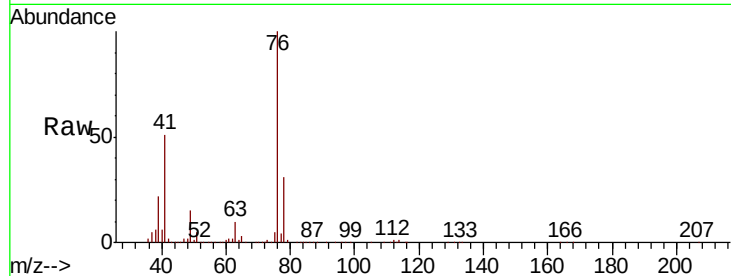
SP19-JMW0991MS

Tot Ion: 76 Resp: 177568

Ion Ratio Lower Upper

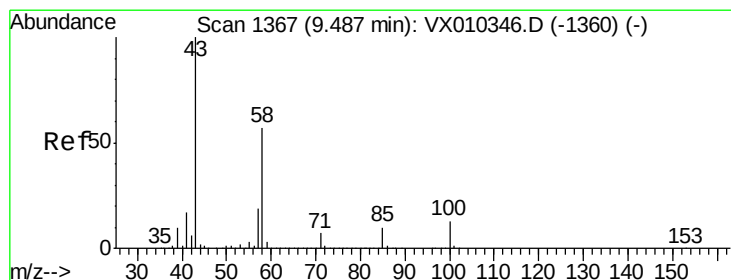
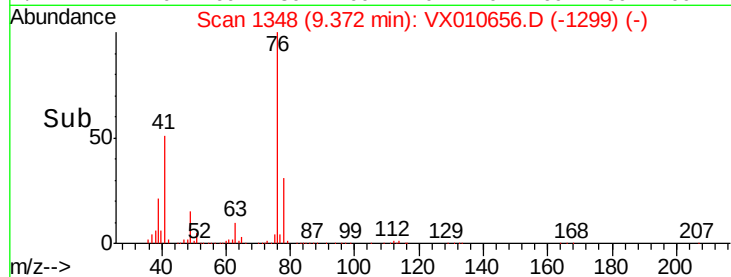
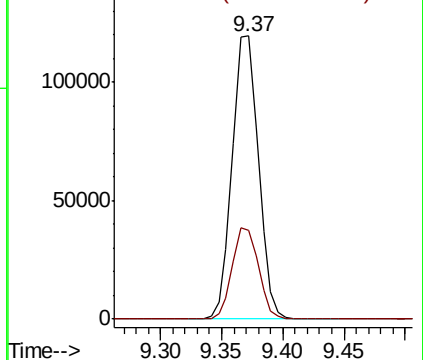
76 100

78 32.2 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#59

2-Hexanone

Concen: 288.961 ug/l

RT: 9.49 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VX010656.D

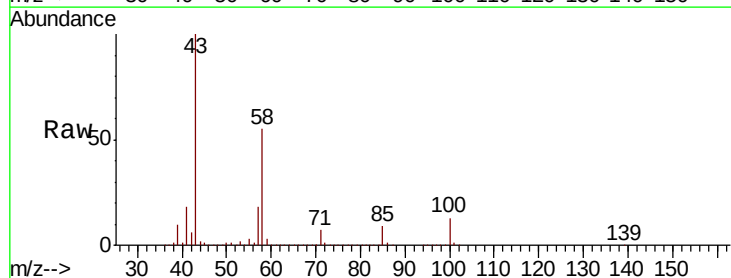
Acq: 03 Jul 2019 21:28

Tgt Ion: 43 Resp: 603300

Ion Ratio Lower Upper

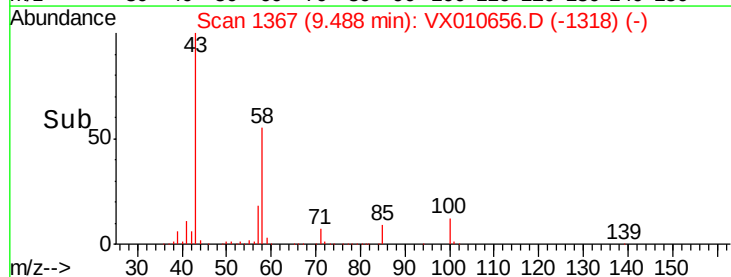
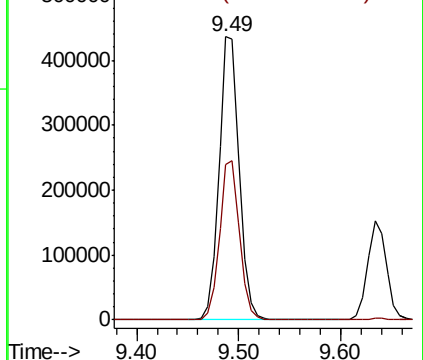
43 100

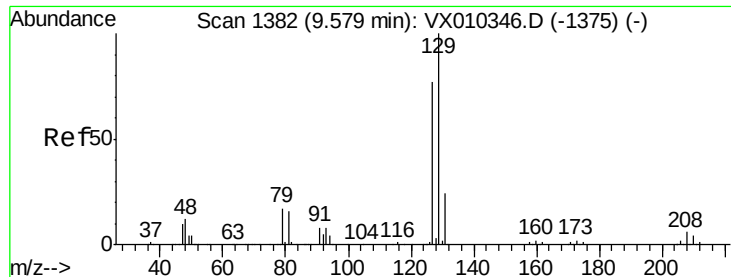
58 55.6 29.0 87.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#60

Dibromochloromethane

Concen: 51.461 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VX010656.D

Acq: 03 Jul 2019 21:28

Instrument :

MSVOA_X

ClientSampleId :

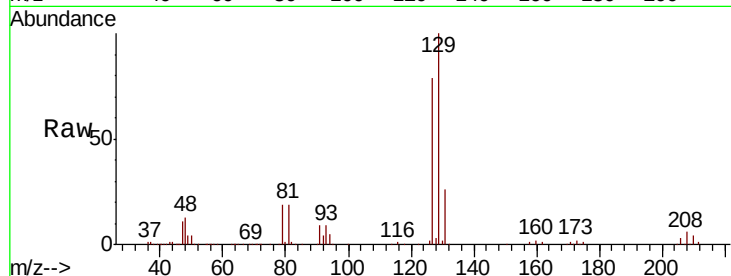
SP19-JMW0991MS

Tot Ion:129 Resp: 118811

Ion Ratio Lower Upper

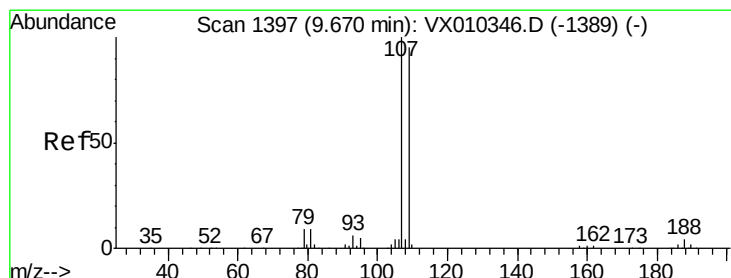
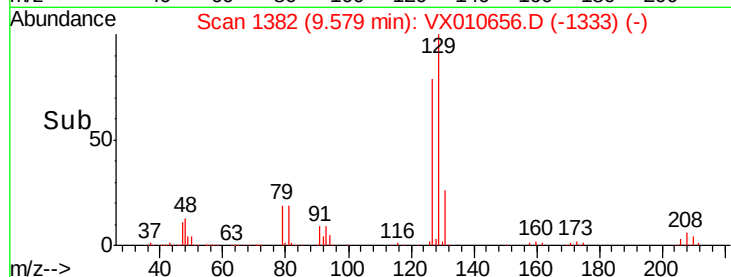
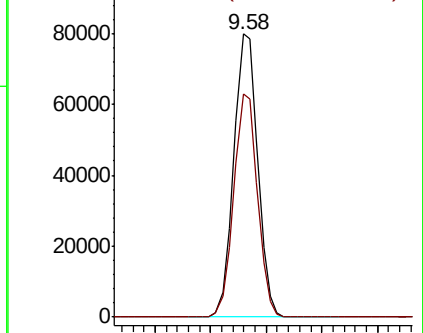
129 100

127 78.4 38.4 115.1



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 55.247 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010656.D

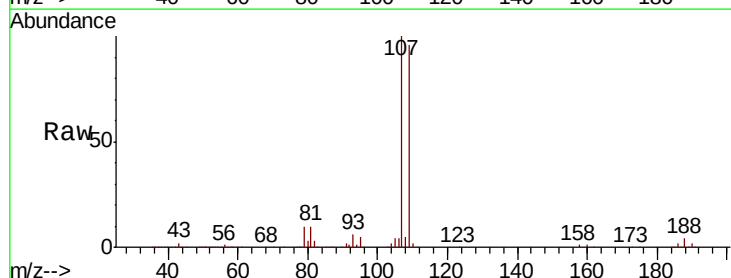
Acq: 03 Jul 2019 21:28

Tgt Ion:107 Resp: 122961

Ion Ratio Lower Upper

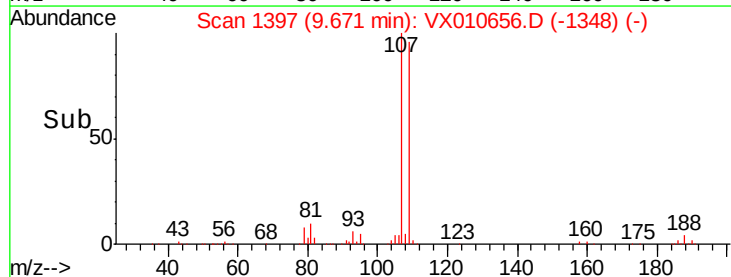
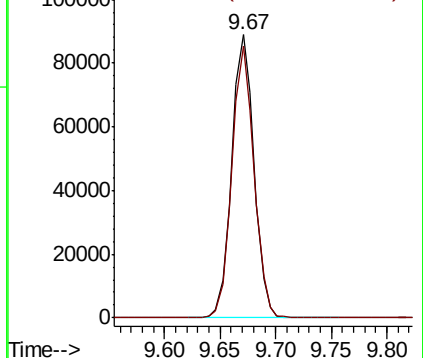
107 100

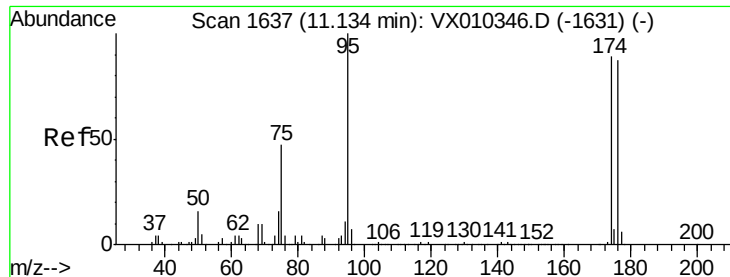
109 95.3 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 49.712 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010656.D

Acq: 03 Jul 2019 21:28

Instrument :

MSVOA_X

ClientSampleId :

SP19-JMW0991MS

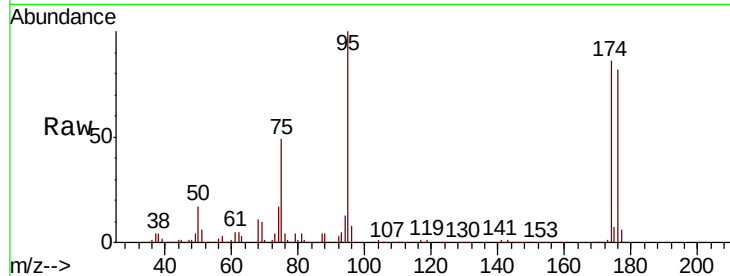
Tot Ion: 95 Resp: 128831

Ion Ratio Lower Upper

95 100

174 91.3 0.0 187.6

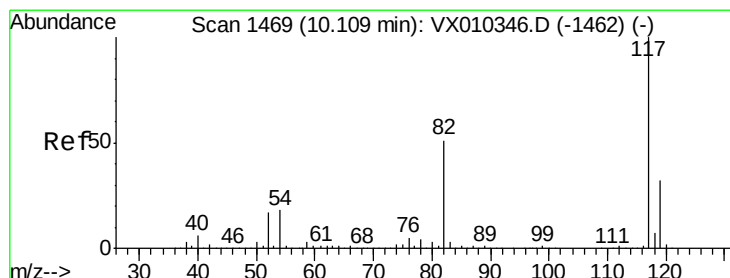
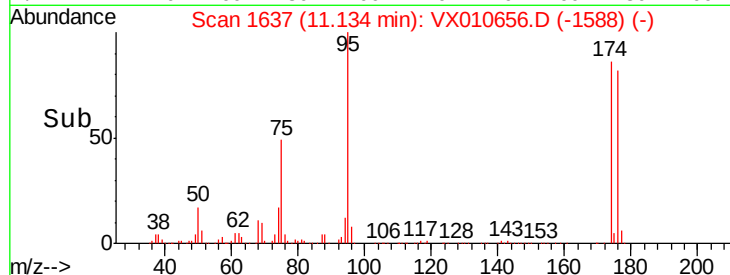
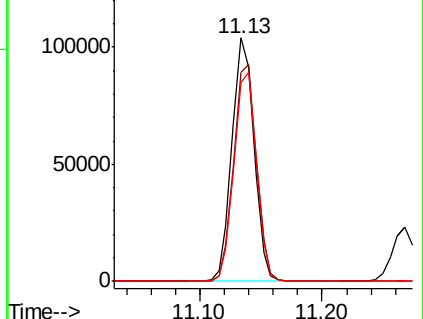
176 88.6 0.0 184.0



Abundance Ion 94.90 (94.60 to 95.60): VX010656.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX010656.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX010656.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010656.D

Acq: 03 Jul 2019 21:28

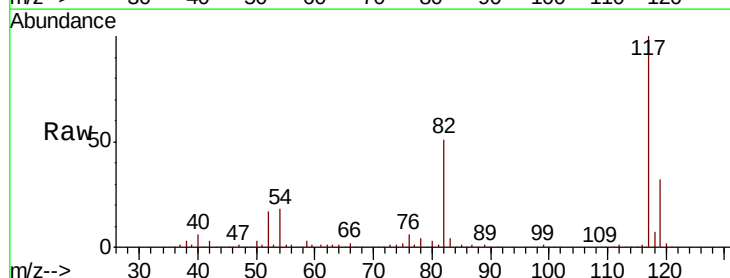
Tgt Ion: 117 Resp: 280276

Ion Ratio Lower Upper

117 100

82 51.2 41.2 61.8

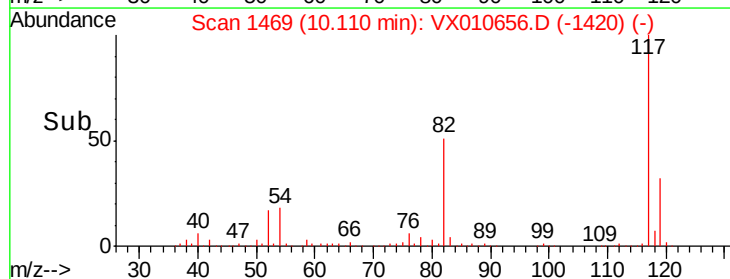
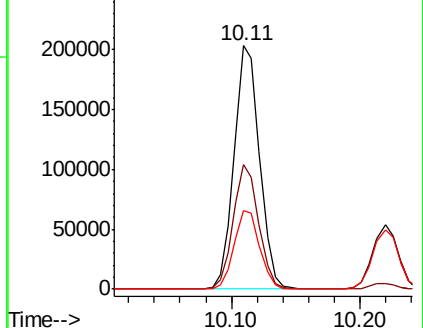
119 32.5 25.5 38.3

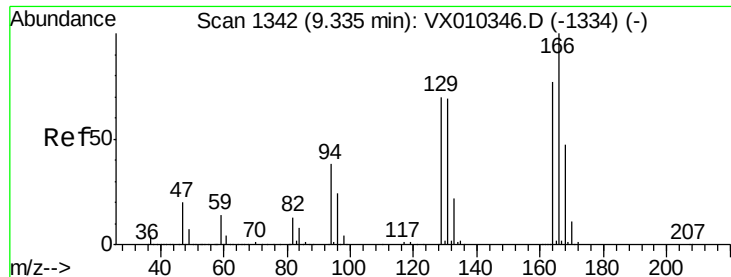


Abundance Ion 116.90 (116.60 to 117.60): VX010656.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX010656.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX010656.D (-1420) (-)

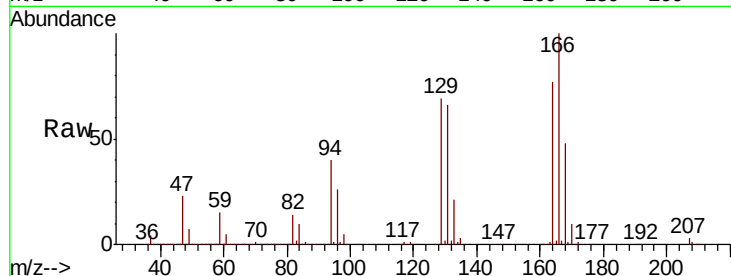




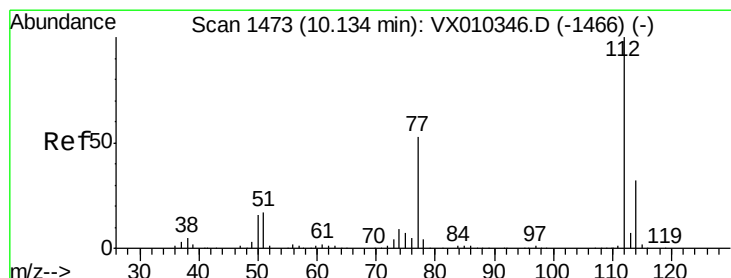
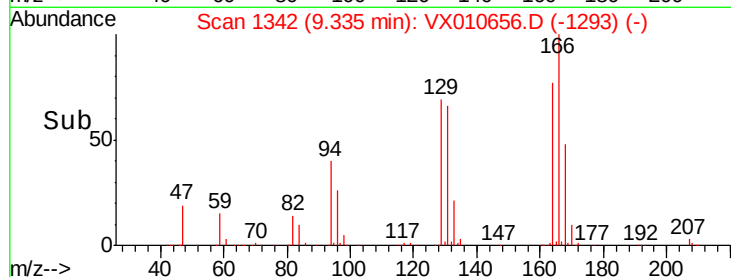
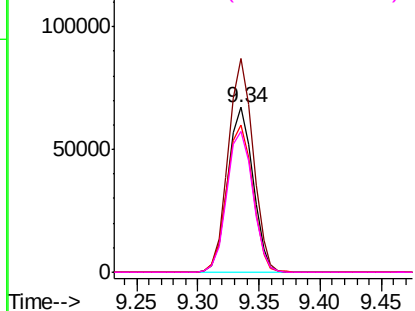
#64
Tetrachloroethene
Concen: 42.221 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010656.D
Acq: 03 Jul 2019 21:28

Instrument :
MSVOA_X
ClientSampleId :
SP19-JMW0991MS

Tot Ion:164 Resp: 95712
Ion Ratio Lower Upper
164 100
166 129.5 103.6 155.4
129 89.1 73.0 109.4
131 85.5 71.0 106.4

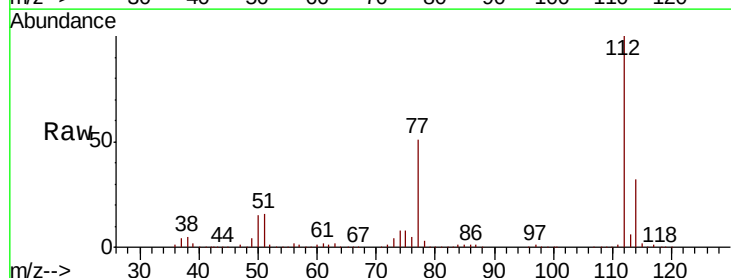


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

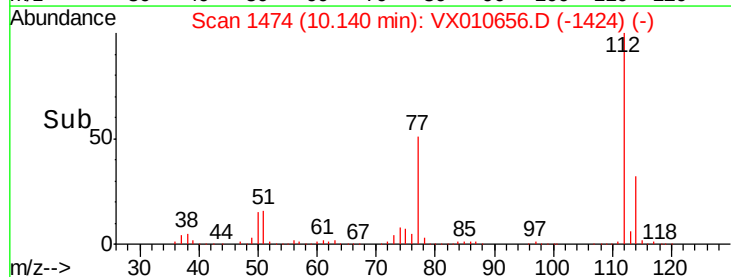
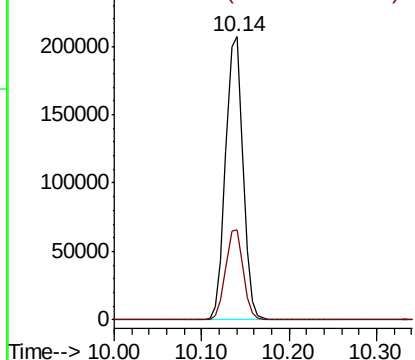


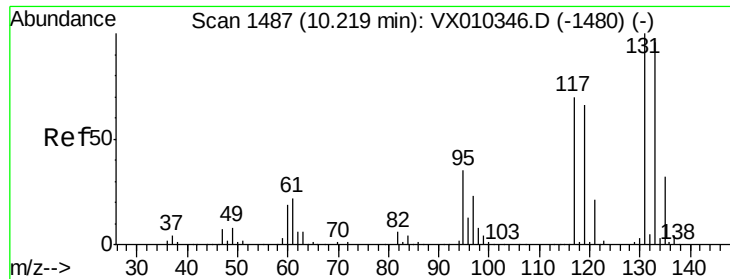
#65
Chlorobenzene
Concen: 50.185 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX010656.D
Acq: 03 Jul 2019 21:28

Tgt Ion:112 Resp: 285559
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

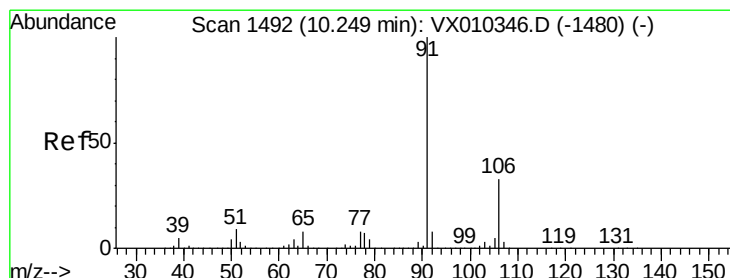
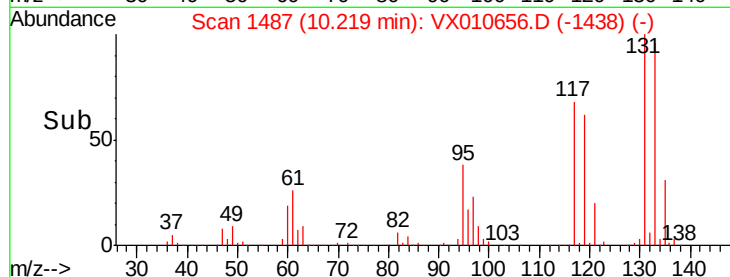
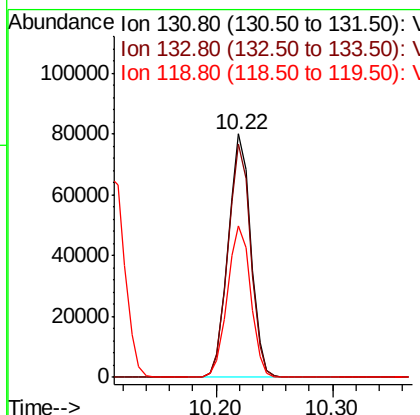
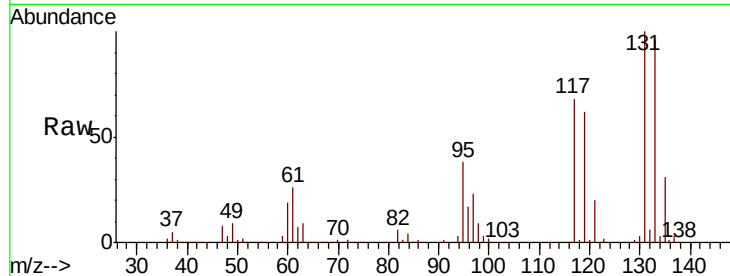




#66
 1,1,1,2-Tetrachloroethane
 Concen: 52.050 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VX010656.D
 Acq: 03 Jul 2019 21:28

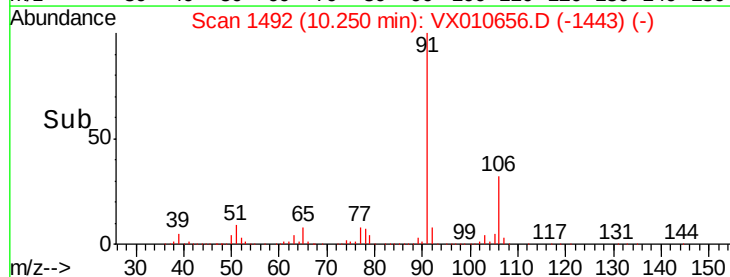
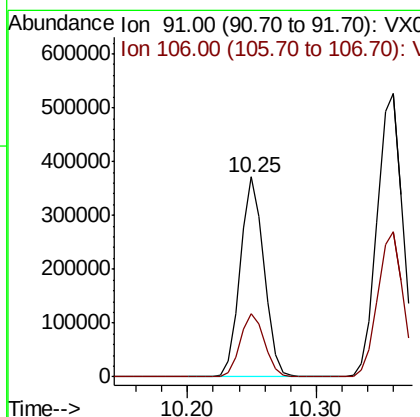
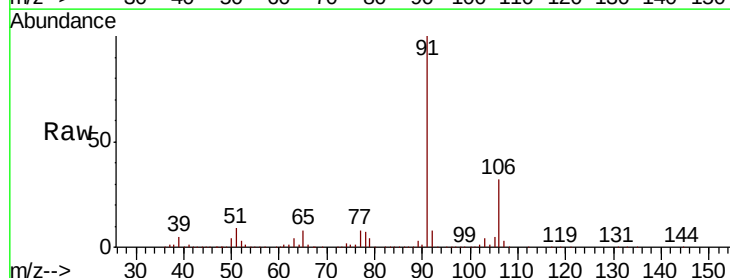
Instrument :
 MSVOA_X
 ClientSampleId :
 SP19-JMW0991MS

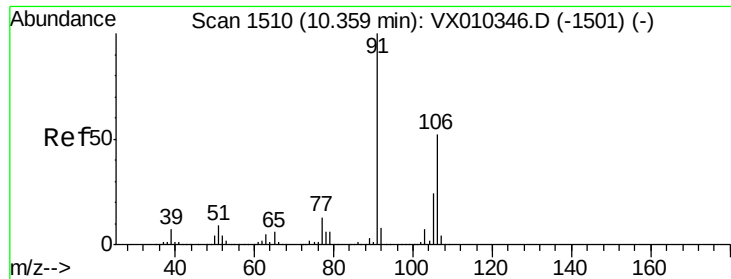
Tot Ion:131 Resp: 107881
 Ion Ratio Lower Upper
 131 100
 133 96.6 47.7 143.1
 119 64.4 32.6 97.7



#67
 Ethyl Benzene
 Concen: 49.196 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: VX010656.D
 Acq: 03 Jul 2019 21:28

Tgt Ion: 91 Resp: 472591
 Ion Ratio Lower Upper
 91 100
 106 31.8 26.2 39.2

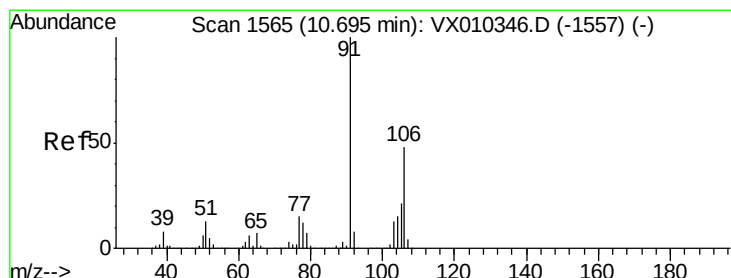
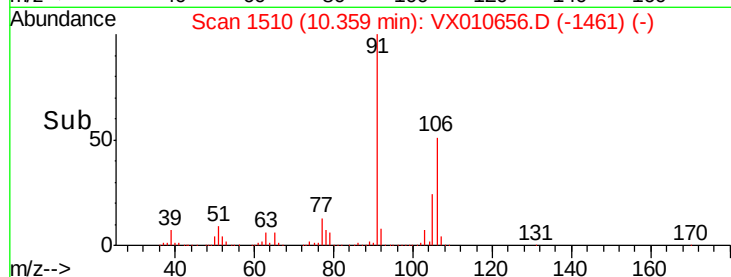
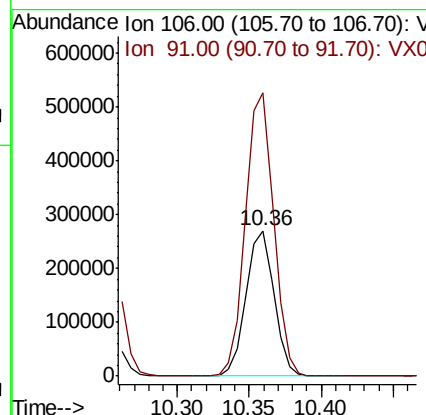
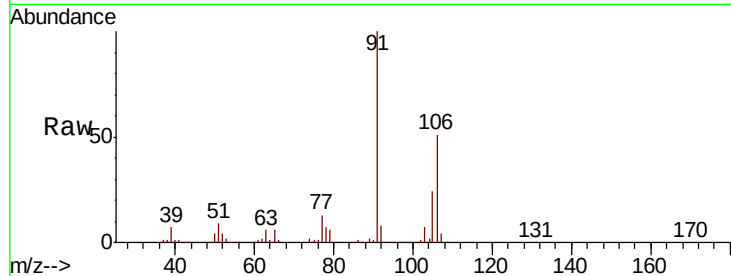




#68
m/p-Xylenes
Concen: 97.666 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010656.D
Acq: 03 Jul 2019 21:28

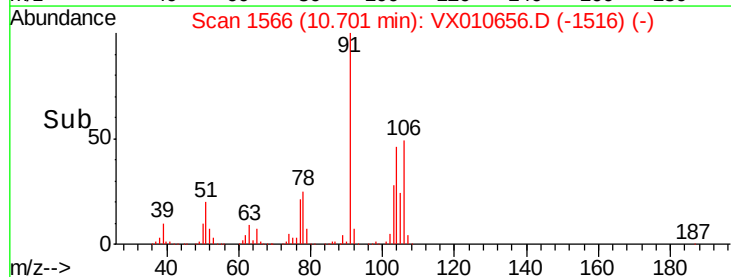
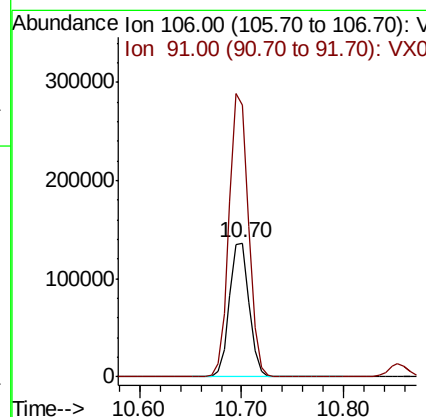
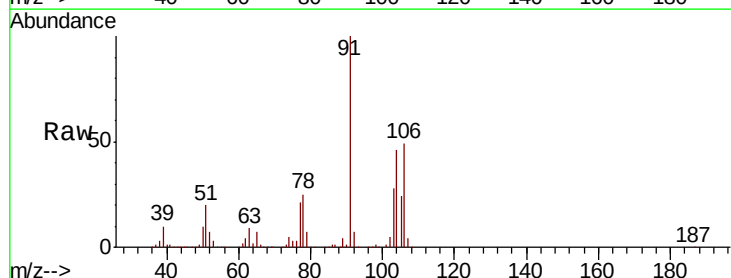
Instrument :
MSVOA_X
ClientSampleId :
SP19-JMW0991MS

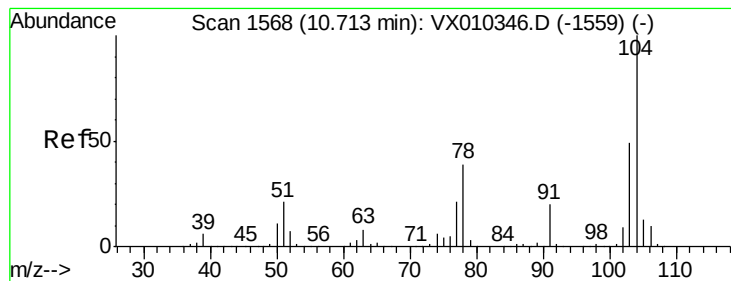
Tot Ion:106 Resp: 363530
Ion Ratio Lower Upper
106 100
91 196.9 155.3 232.9



#69
o-Xylene
Concen: 49.875 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX010656.D
Acq: 03 Jul 2019 21:28

Tgt Ion:106 Resp: 182563
Ion Ratio Lower Upper
106 100
91 208.3 102.7 308.1





#70

Stvrene

Concen: 52.052 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX010656.D

Acq: 03 Jul 2019 21:28

Instrument :

MSVOA_X

ClientSampleId :

SP19-JMW0991MS

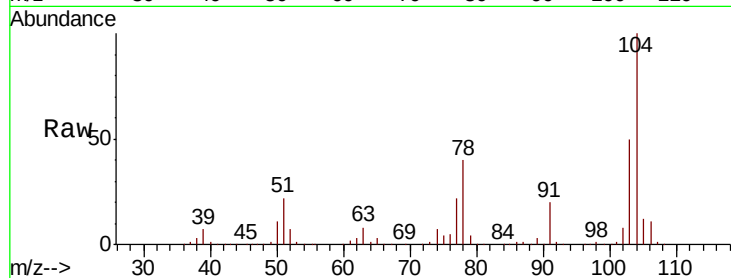
Tot Ion:104 Resp: 319530

Ion Ratio Lower Upper

104 100

78 46.8 36.2 54.2

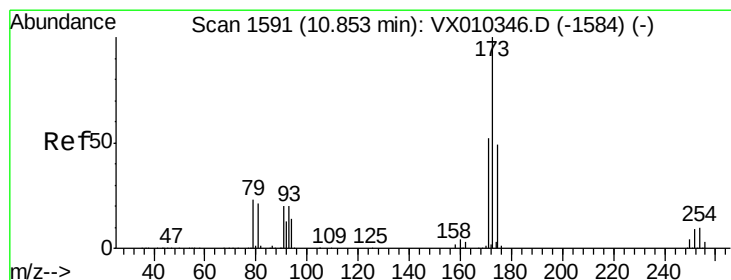
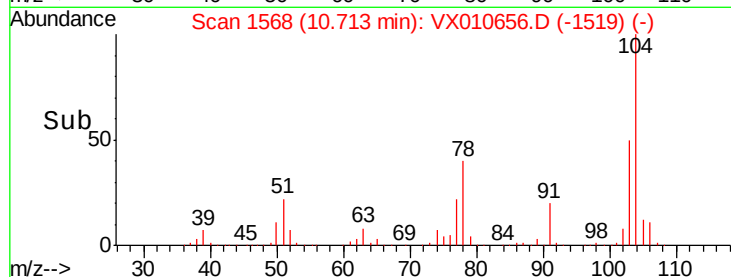
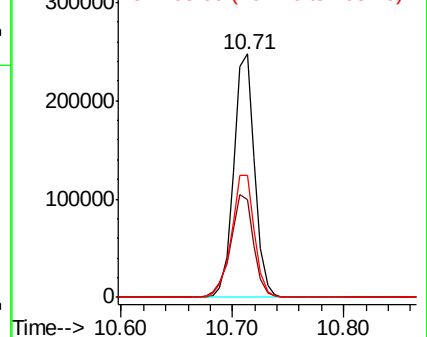
103 55.3 44.2 66.4



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: 49.972 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010656.D

Acq: 03 Jul 2019 21:28

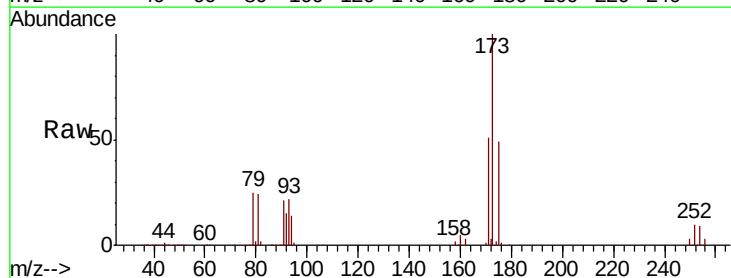
Tgt Ion:173 Resp: 90071

Ion Ratio Lower Upper

173 100

175 49.2 24.1 72.3

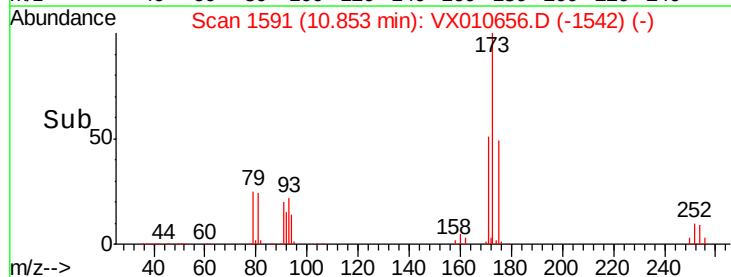
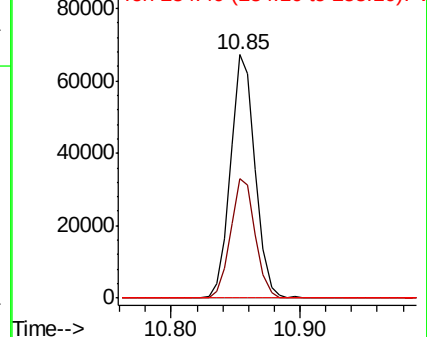
254 0.1 0.2 0.2#

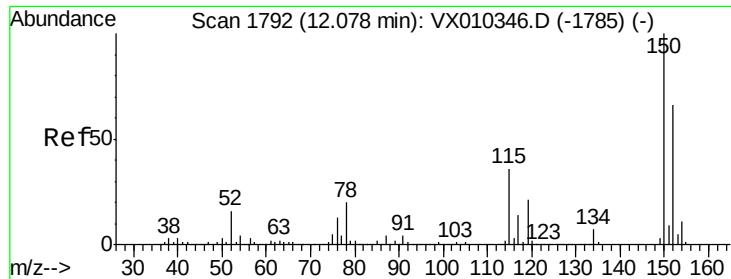


Abundance Ion 172.70 (172.40 to 173.40): V

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: VX010656.D

Acq: 03 Jul 2019 21:28

Instrument :

MSVOA_X

ClientSampleId :

SP19-JMW0991MS

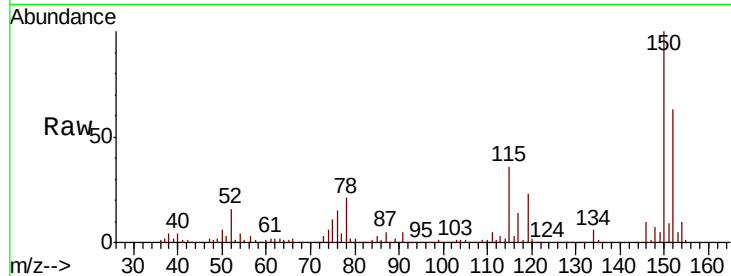
Tot Ion:152 Resp: 142385

Ion Ratio Lower Upper

152 100

115 76.9 38.6 115.7

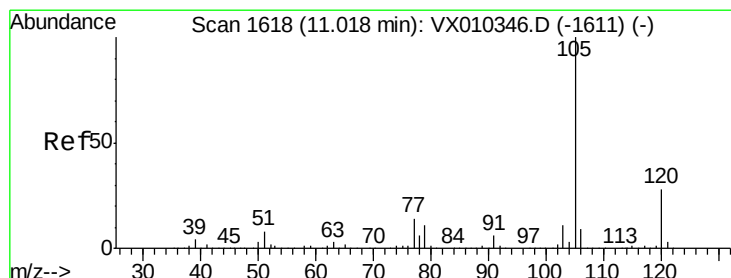
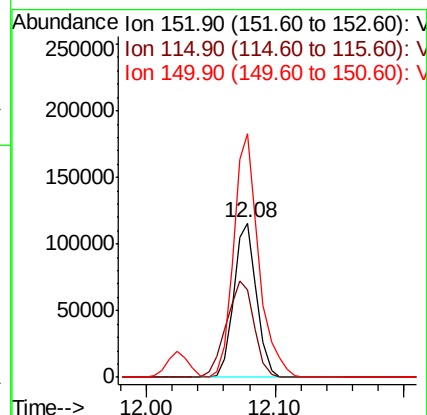
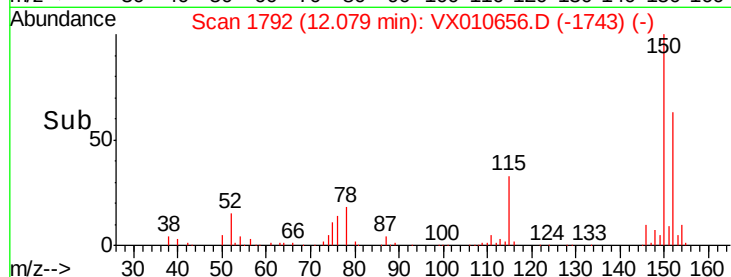
150 174.5 0.0 347.4



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: 47.136 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010656.D

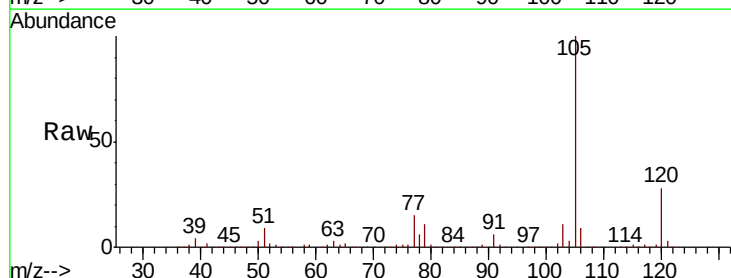
Acq: 03 Jul 2019 21:28

Tgt Ion:105 Resp: 454958

Ion Ratio Lower Upper

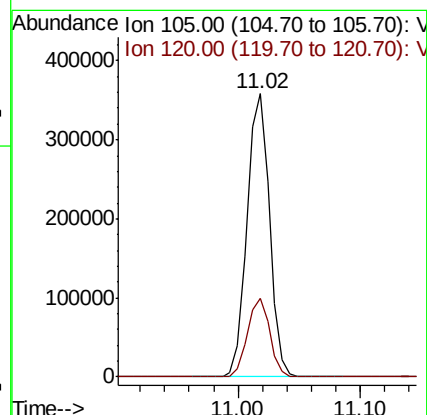
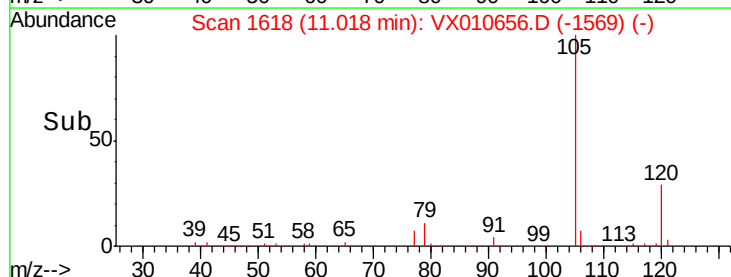
105 100

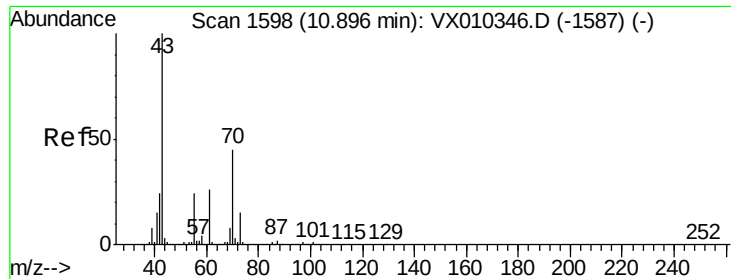
120 27.7 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 50.627 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010656.D

Acq: 03 Jul 2019 21:28

Instrument :

MSVOA_X

ClientSampleId :

SP19-JMW0991MS

Tot Ion: 43 Resp: 184671

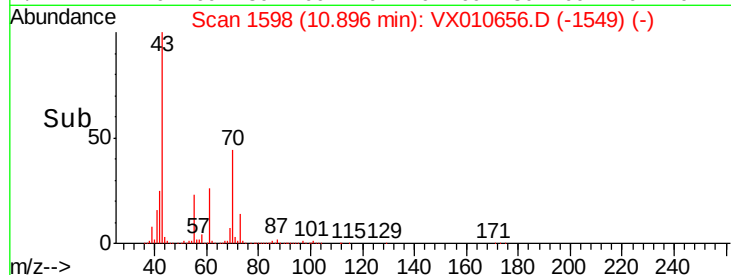
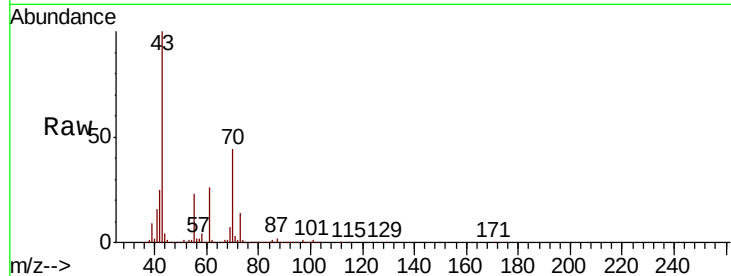
Ion Ratio Lower Upper

43 100

70 43.9 36.6 54.8

55 23.5 18.7 28.1

61 25.1 20.6 31.0

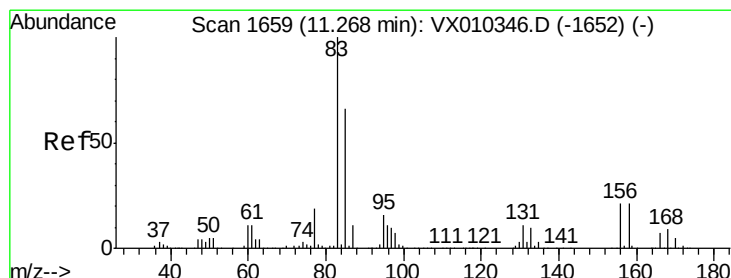
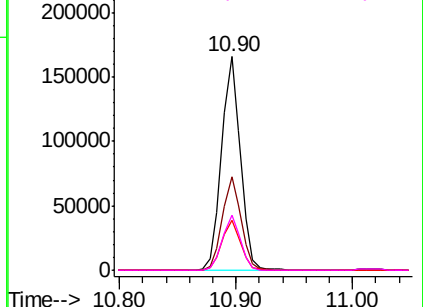


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 55.594 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010656.D

Acq: 03 Jul 2019 21:28

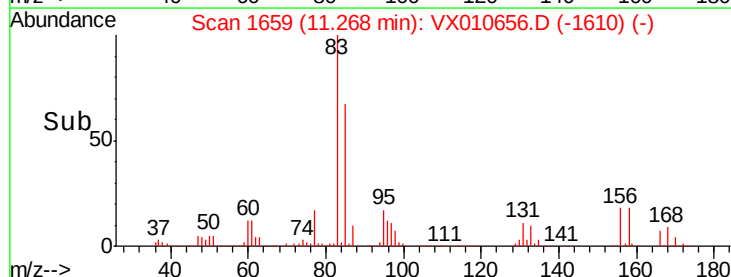
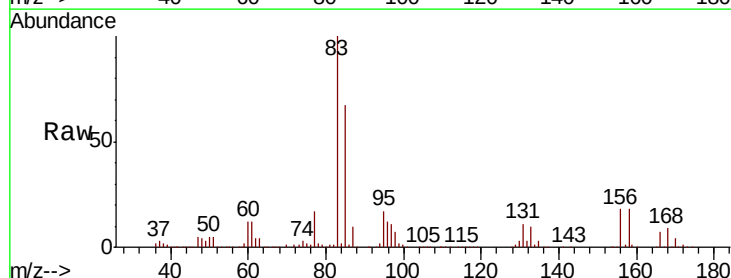
Tgt Ion: 83 Resp: 177706

Ion Ratio Lower Upper

83 100

131 10.9 5.5 16.4

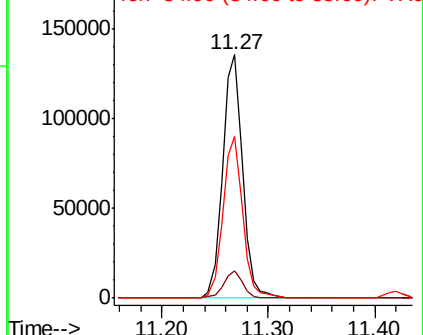
85 65.6 32.3 96.8

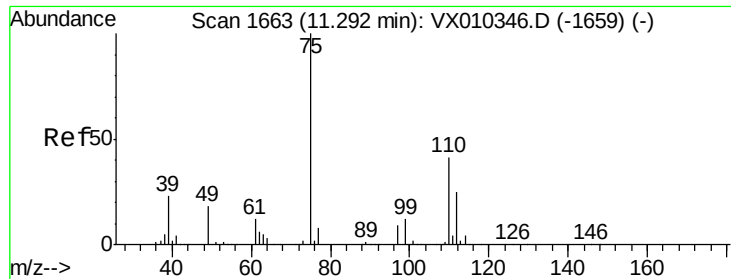


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 71.657 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010656.D

Acq: 03 Jul 2019 21:28

Instrument :

MSVOA_X

ClientSampleId :

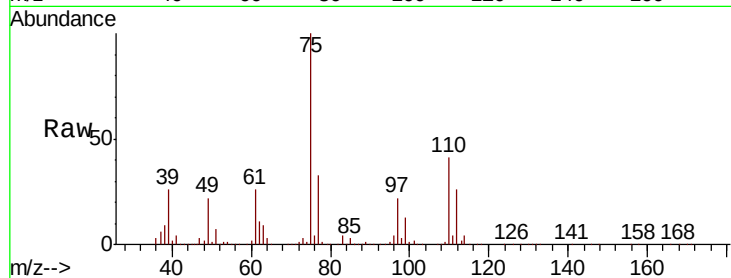
SP19-JMW0991MS

Tot Ion: 75 Resp: 185922

Ion Ratio Lower Upper

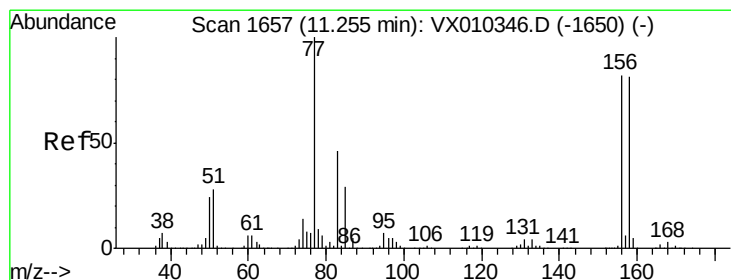
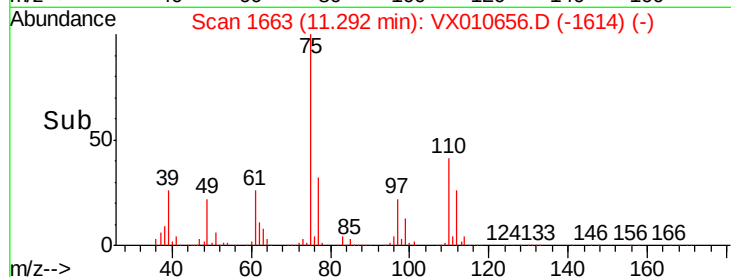
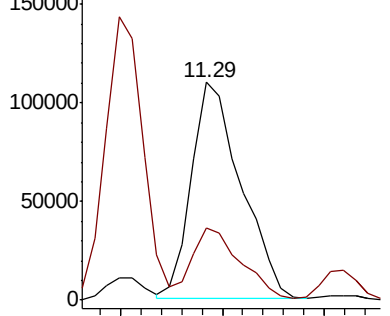
75 100

77 33.1 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: 50.840 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010656.D

Acq: 03 Jul 2019 21:28

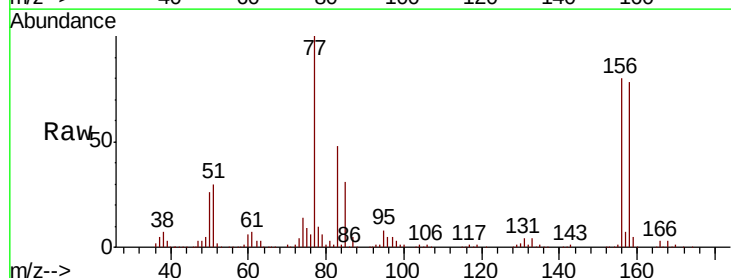
Tgt Ion: 156 Resp: 137018

Ion Ratio Lower Upper

156 100

77 134.6 66.3 198.7

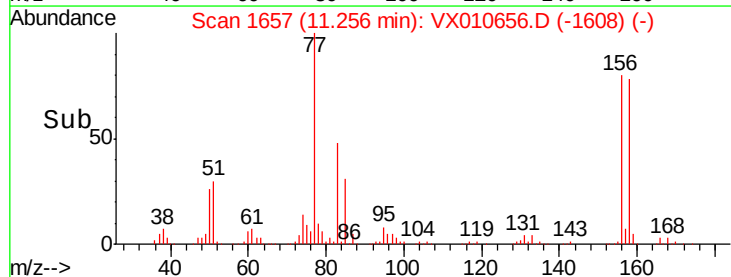
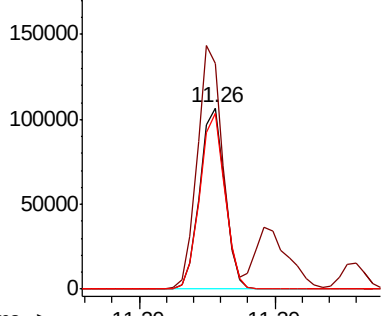
158 97.1 48.9 146.7

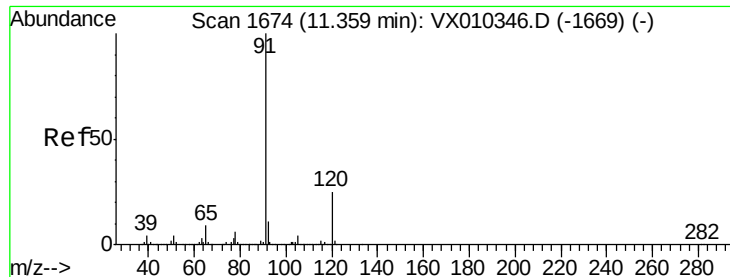


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 47.615 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010656.D

Acq: 03 Jul 2019 21:28

Instrument :

MSVOA_X

ClientSampleId :

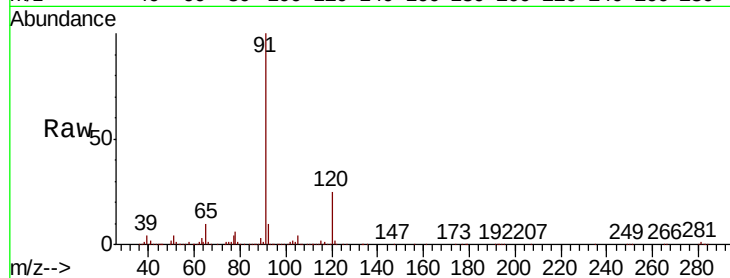
SP19-JMW0991MS

Tot Ion: 91 Resp: 505101

Ion Ratio Lower Upper

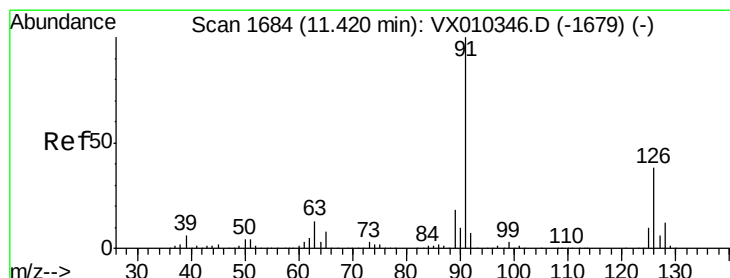
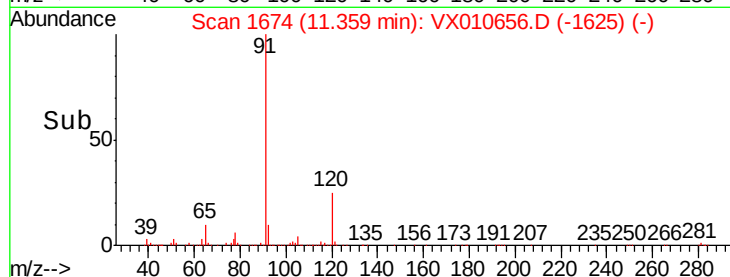
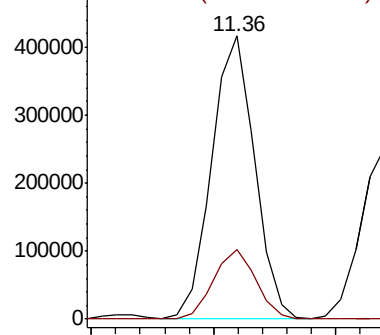
91 100

120 24.4 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: 49.250 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010656.D

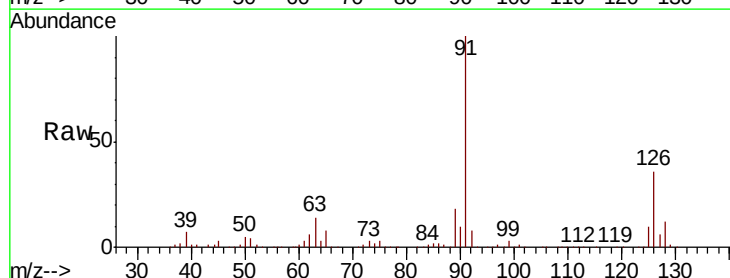
Acq: 03 Jul 2019 21:28

Tgt Ion: 91 Resp: 311102

Ion Ratio Lower Upper

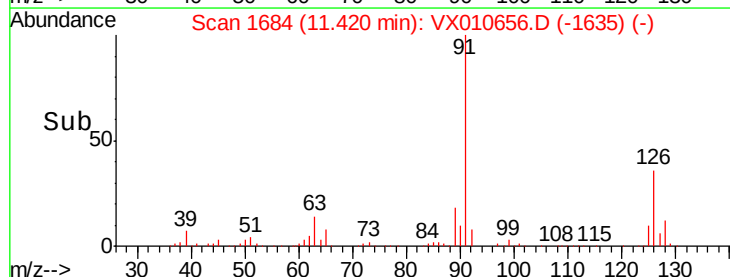
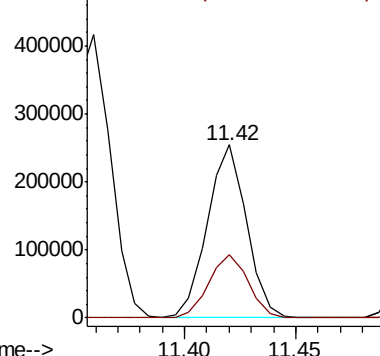
91 100

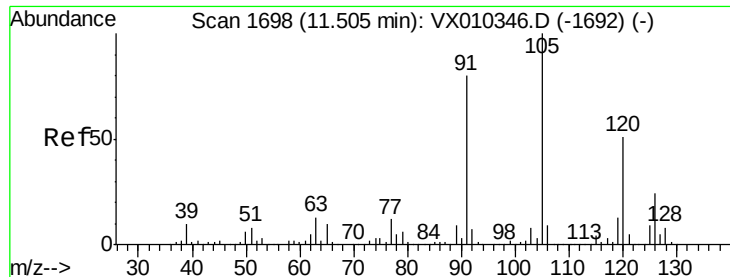
126 37.2 18.7 56.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

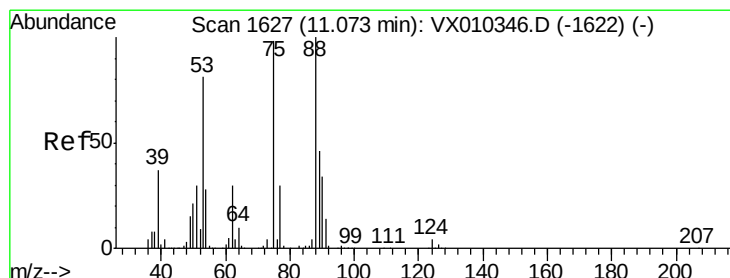
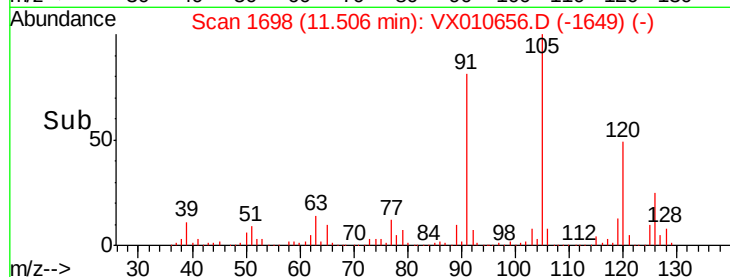
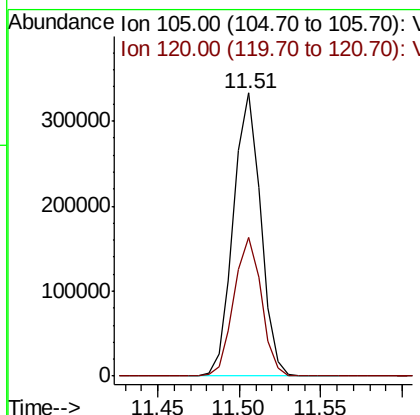
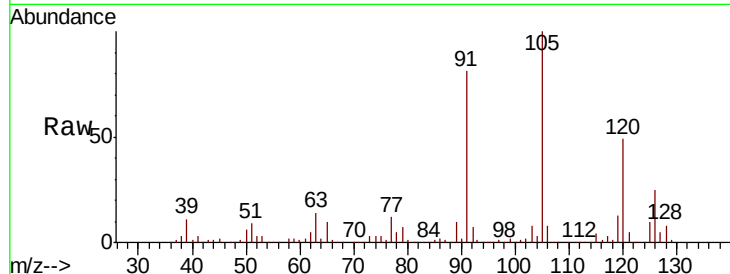




#80
 1,3,5-Trimethylbenzene
 Concen: 48.826 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010656.D
 Acq: 03 Jul 2019 21:28

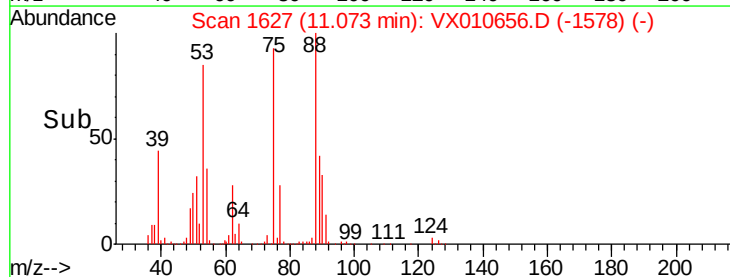
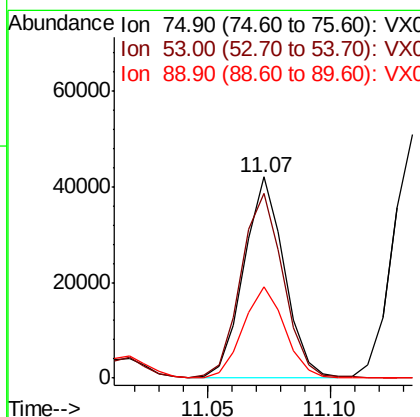
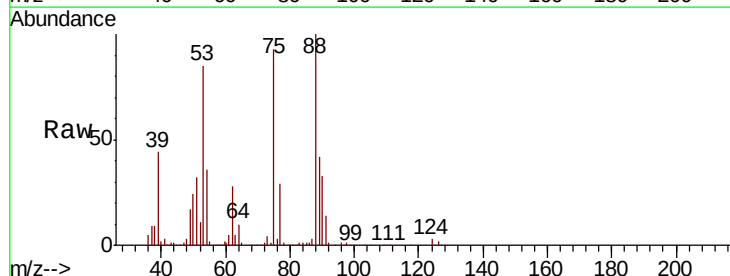
Instrument :
 MSVOA_X
 ClientSampleId :
 SP19-JMW0991MS

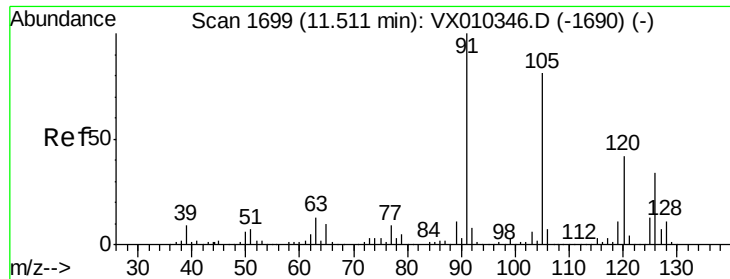
Tot Ion:105 Resp: 388500
 Ion Ratio Lower Upper
 105 100
 120 49.2 25.2 75.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 42.930 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX010656.D
 Acq: 03 Jul 2019 21:28

Tgt Ion: 75 Resp: 47746
 Ion Ratio Lower Upper
 75 100
 53 97.5 66.1 99.1
 89 47.3 37.8 56.6

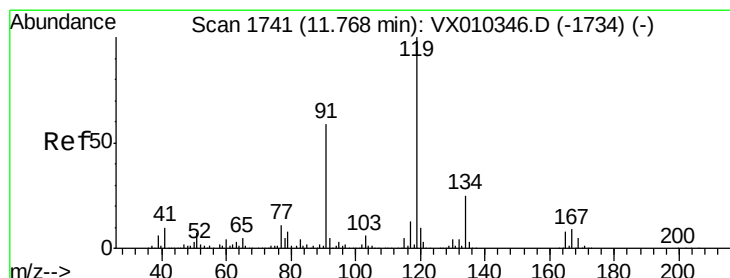
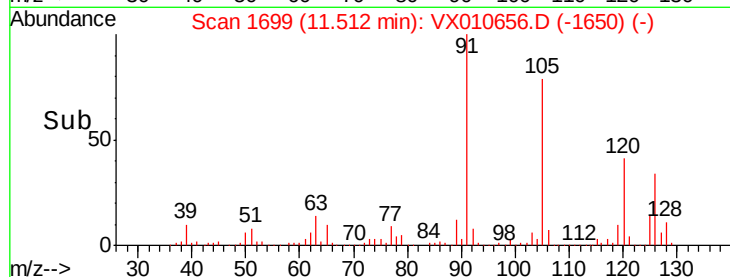
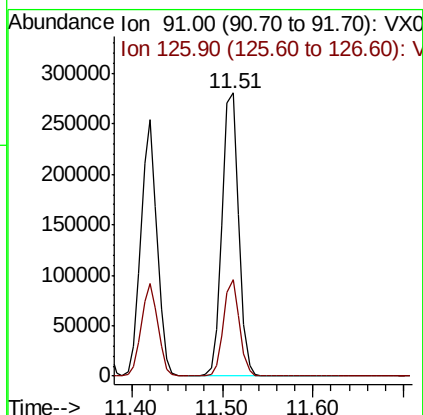
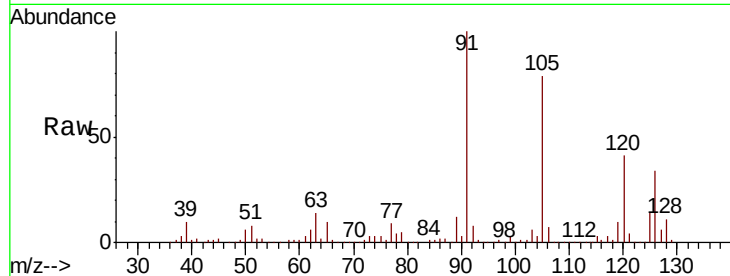




#82
4-Chlorotoluene
Concen: 50.099 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX010656.D
Acq: 03 Jul 2019 21:28

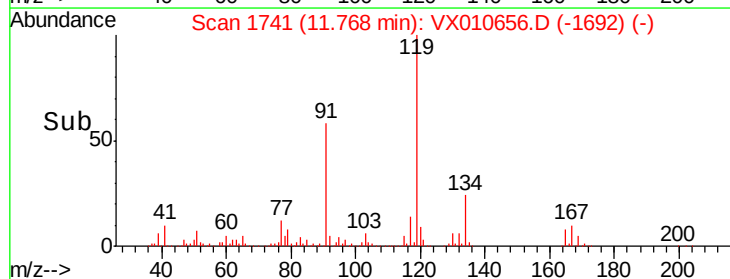
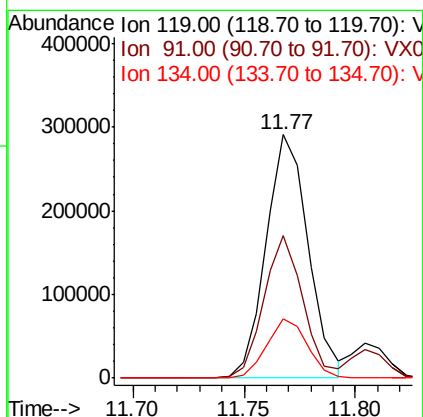
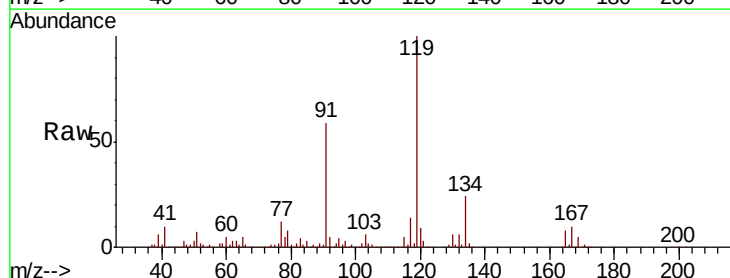
Instrument :
MSVOA_X
ClientSampleId :
SP19-JMW0991MS

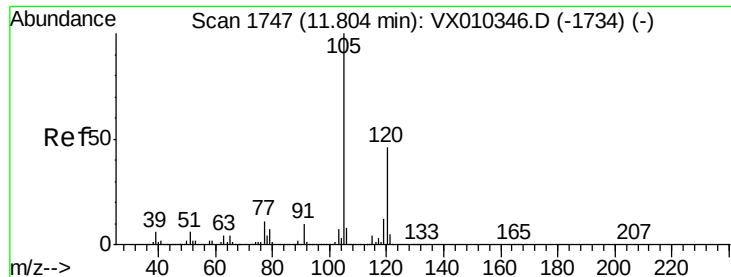
Tot Ion: 91 Resp: 360104
Ion Ratio Lower Upper
91 100
126 32.6 16.2 48.6



#83
tert-Butylbenzene
Concen: 47.887 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010656.D
Acq: 03 Jul 2019 21:28

Tgt Ion: 119 Resp: 382438
Ion Ratio Lower Upper
119 100
91 54.5 27.6 82.7
134 23.4 11.8 35.4

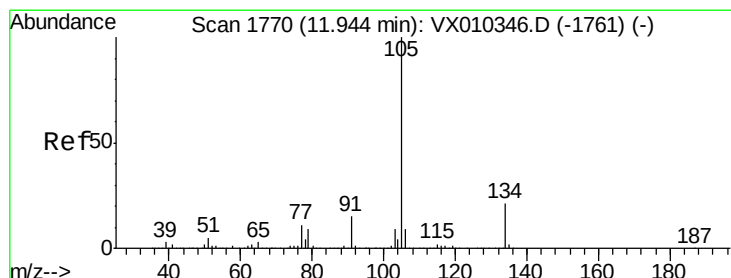
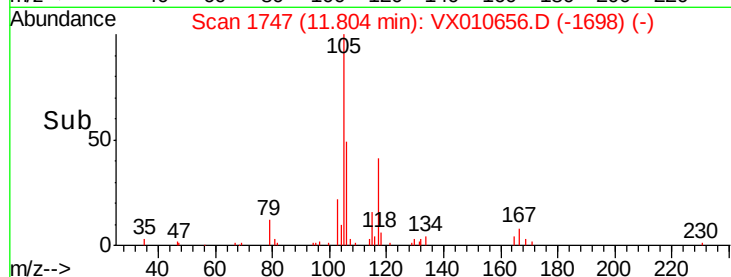
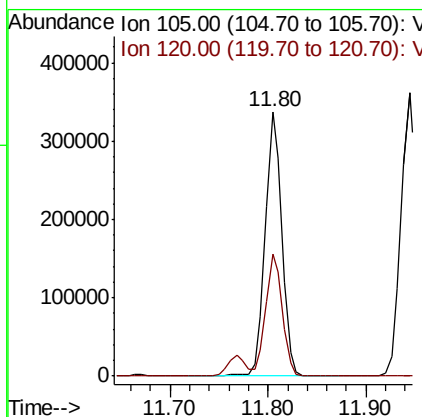
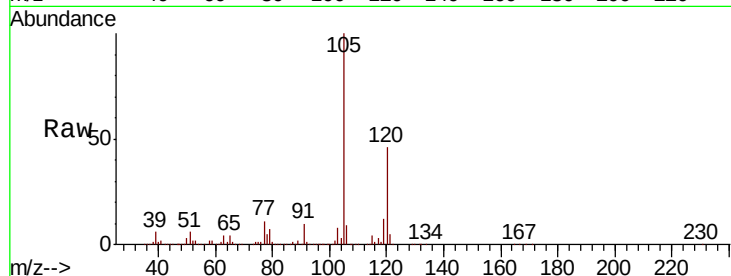




#84
 1,2,4-Trimethylbenzene
 Concen: 49.928 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010656.D
 Acq: 03 Jul 2019 21:28

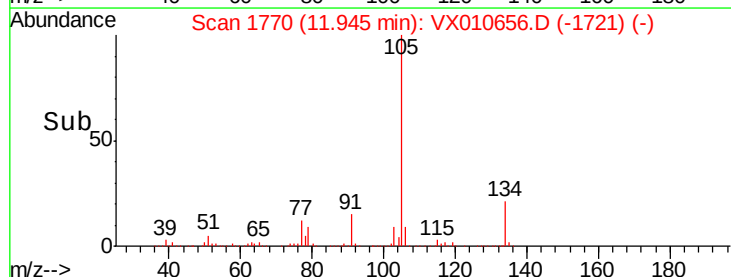
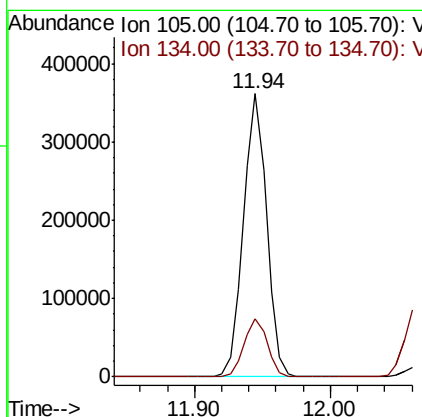
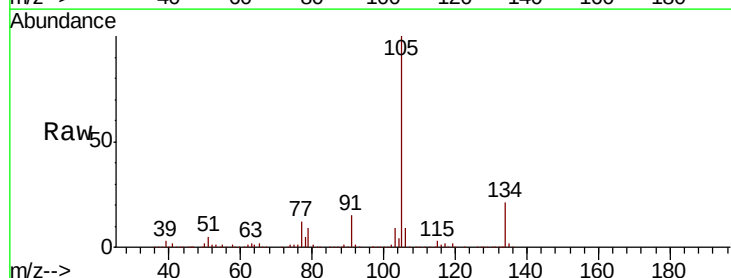
Instrument :
 MSVOA_X
 ClientSampleId :
 SP19-JMW0991MS

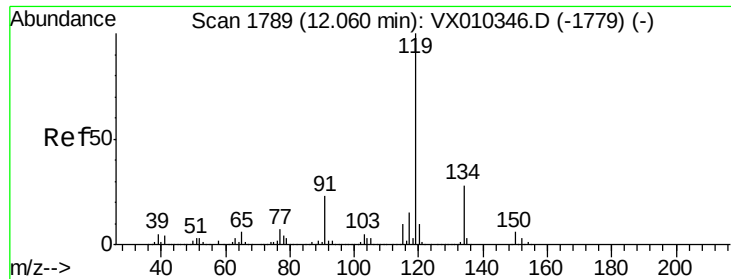
Tot Ion:105 Resp: 399130
 Ion Ratio Lower Upper
 105 100
 120 45.7 23.1 69.2



#85
 sec-Butylbenzene
 Concen: 45.810 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX010656.D
 Acq: 03 Jul 2019 21:28

Tgt Ion:105 Resp: 429551
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.7 31.9

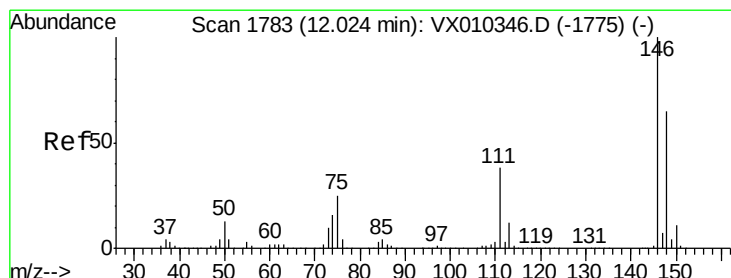
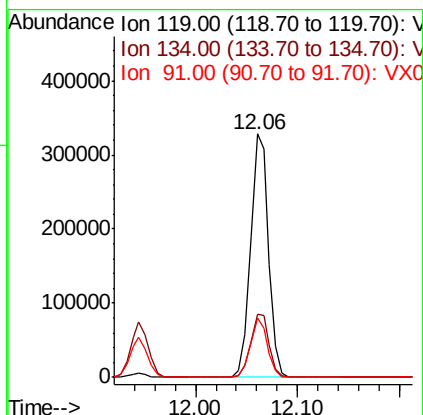
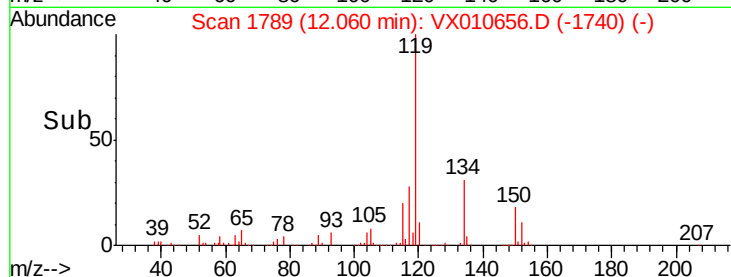
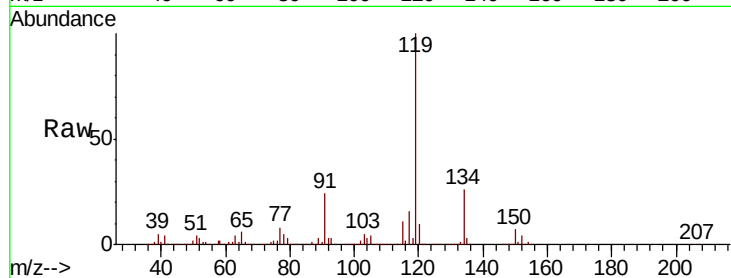




#86
p-Isopropyltoluene
Concen: 46.387 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX010656.D
Acq: 03 Jul 2019 21:28

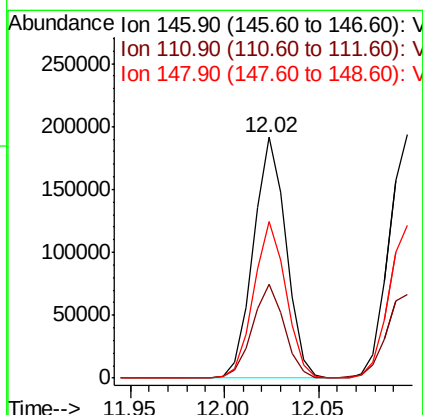
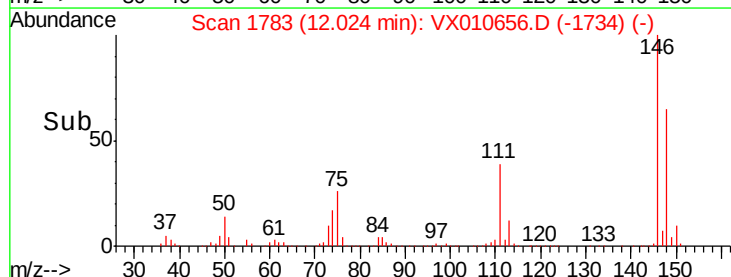
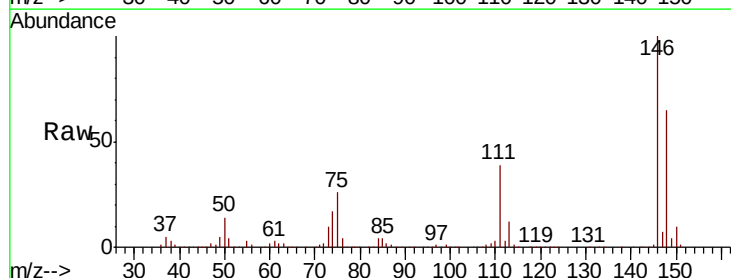
Instrument :
MSVOA_X
ClientSampleId :
SP19-JMW0991MS

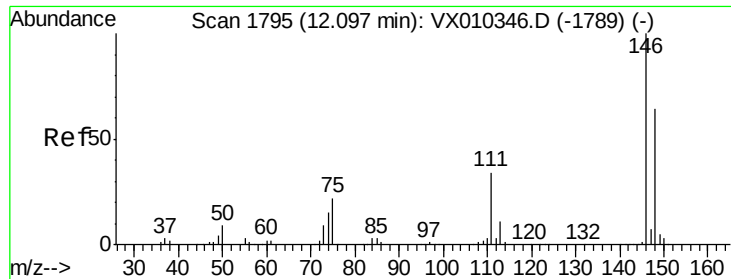
Tot Ion:119 Resp: 402333
Ion Ratio Lower Upper
119 100
134 26.9 13.7 41.1
91 23.0 11.3 33.8



#87
1,3-Dichlorobenzene
Concen: 48.760 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX010656.D
Acq: 03 Jul 2019 21:28

Tgt Ion:146 Resp: 229392
Ion Ratio Lower Upper
146 100
111 38.1 19.1 57.1
148 64.3 32.5 97.4

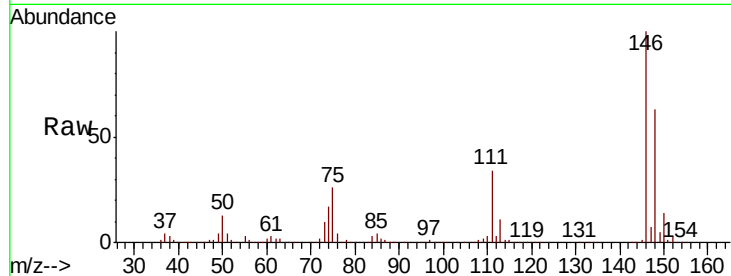




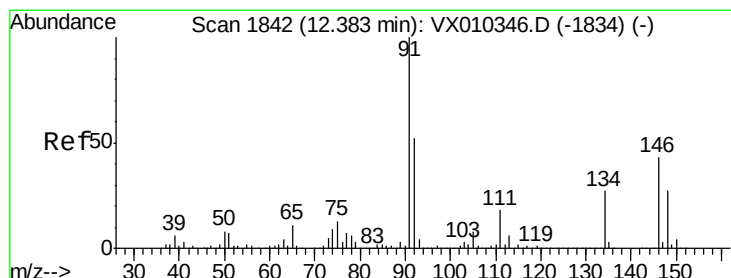
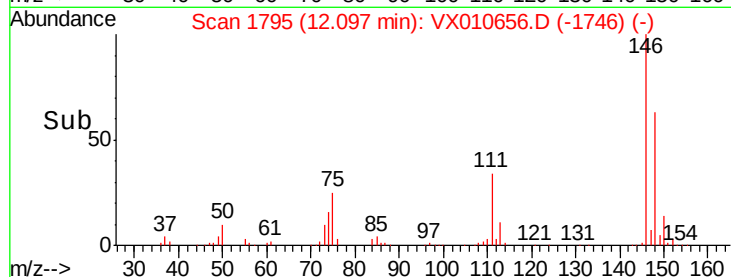
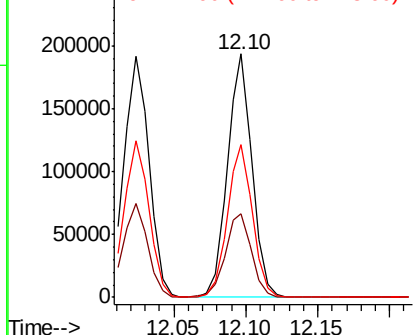
#88
 1,4-Dichlorobenzene
 Concen: 48.361 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010656.D
 Acq: 03 Jul 2019 21:28

Instrument :
 MSVOA_X
 ClientSampleId :
 SP19-JMW0991MS

Tot Ion:146 Resp: 231618
 Ion Ratio Lower Upper
 146 100
 111 36.6 18.1 54.3
 148 63.9 32.1 96.3

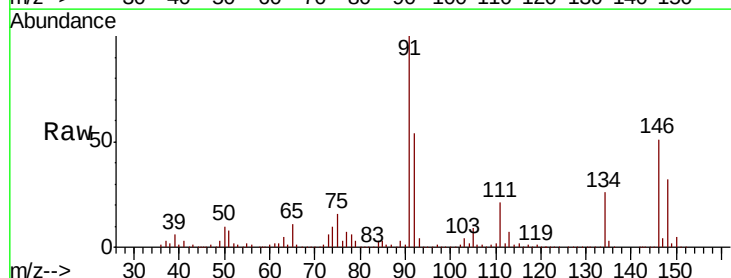


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

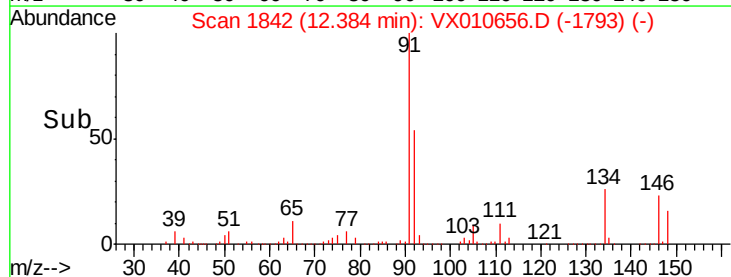
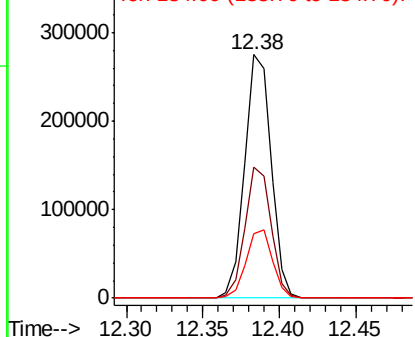


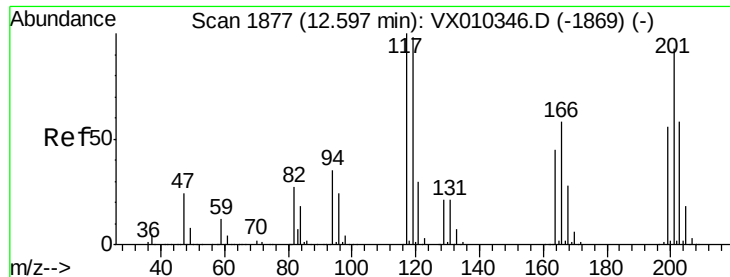
#89
 n-Butylbenzene
 Concen: 45.017 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX010656.D
 Acq: 03 Jul 2019 21:28

Tgt Ion: 91 Resp: 331782
 Ion Ratio Lower Upper
 91 100
 92 52.9 26.2 78.5
 134 27.8 14.1 42.4



Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 92.00 (91.70 to 92.70): VX0
 Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 44.662 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX010656.D

Acq: 03 Jul 2019 21:28

Instrument :

MSVOA_X

ClientSampleId :

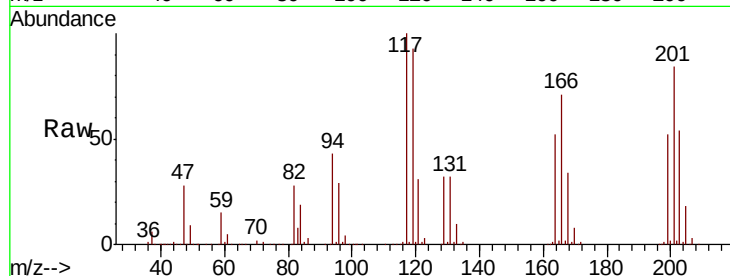
SP19-JMW0991MS

Tot Ion:117 Resp: 66981

Ion Ratio Lower Upper

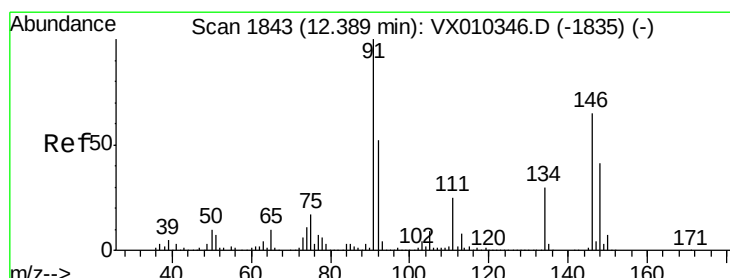
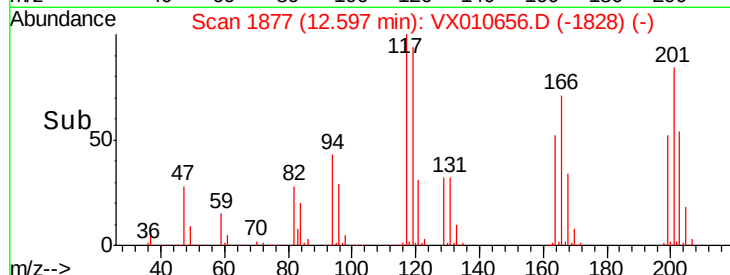
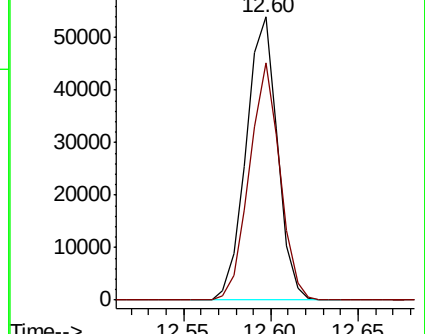
117 100

201 81.7 44.0 131.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 49.936 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX010656.D

Acq: 03 Jul 2019 21:28

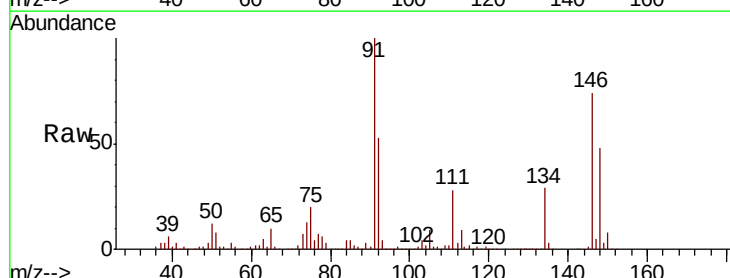
Tgt Ion:146 Resp: 233483

Ion Ratio Lower Upper

146 100

111 38.9 19.2 57.6

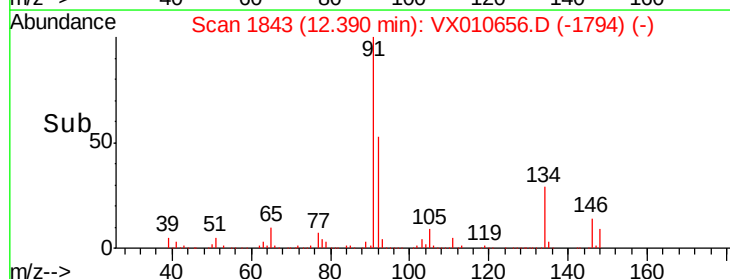
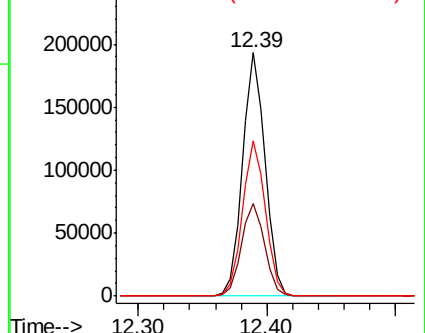
148 64.7 32.0 96.0

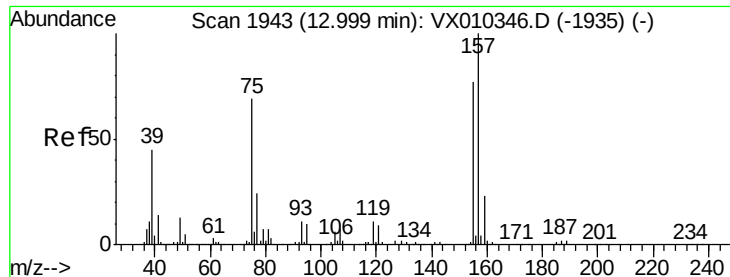


Abundance Ion 145.90 (145.60 to 146.60): V

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: 52.897 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX010656.D

Acq: 03 Jul 2019 21:28

Instrument :

MSVOA_X

ClientSampleId :

SP19-JMW0991MS

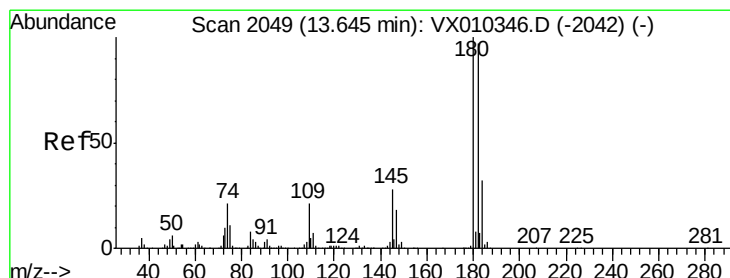
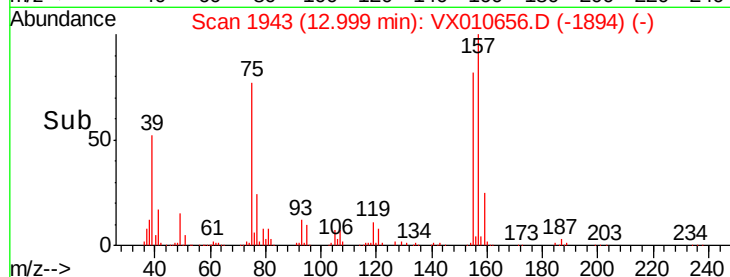
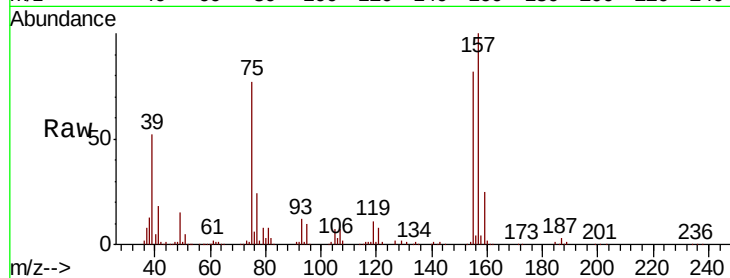
Tot Ion: 75 Resp: 36455

Ion	Ratio	Lower	Upper
75	100		
155	101.1	54.4	163.1
157	128.3	69.5	208.3

75 100

155 101.1 54.4 163.1

157 128.3 69.5 208.3



#93

1,2,4-Trichlorobenzene

Concen: 47.390 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX010656.D

Acq: 03 Jul 2019 21:28

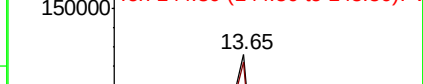
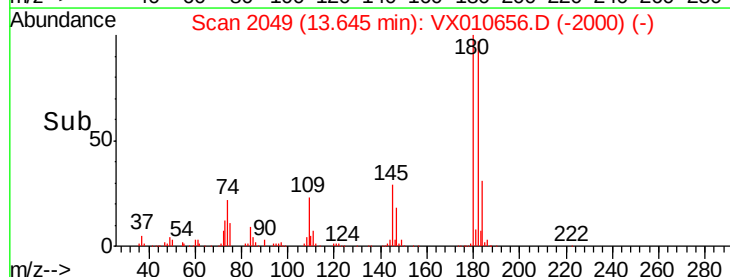
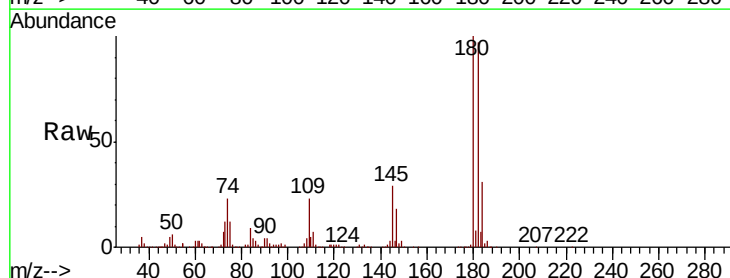
Tgt Ion:180 Resp: 153661

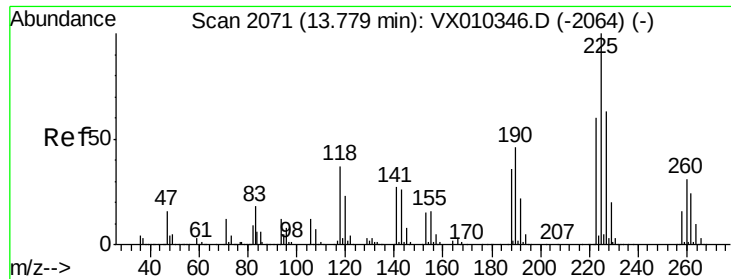
Ion	Ratio	Lower	Upper
180	100		
182	95.7	48.0	144.0
145	29.9	14.4	43.4

180 100

182 95.7 48.0 144.0

145 29.9 14.4 43.4





#94

Hexachlorobutadiene

Concen: 41.427 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX010656.D

Acq: 03 Jul 2019 21:28

Instrument :

MSVOA_X

ClientSampleId :

SP19-JMW0991MS

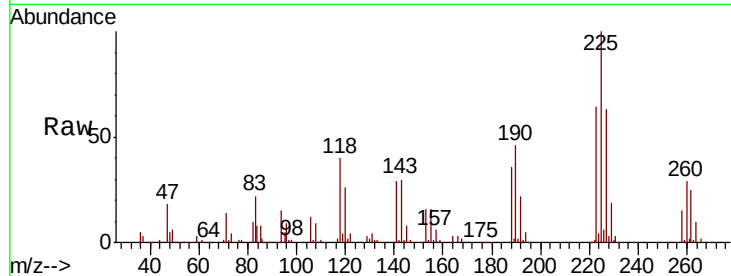
Tot Ion:225 Resp: 65650

Ion Ratio Lower Upper

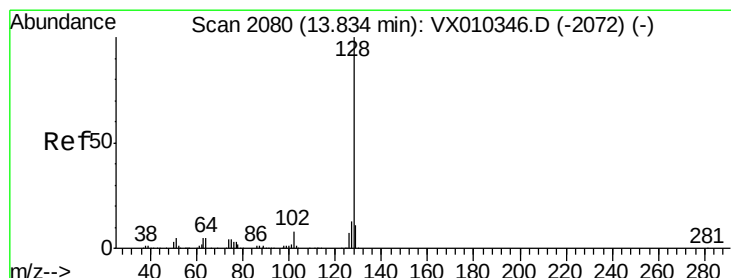
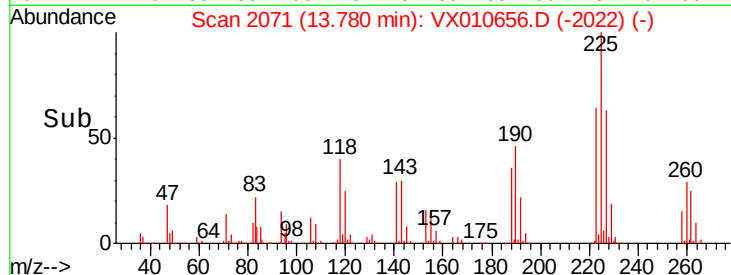
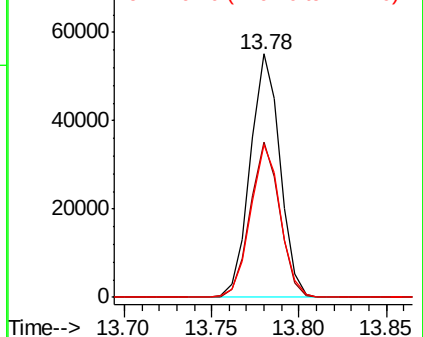
225 100

223 62.9 30.9 92.7

227 62.7 31.9 95.5



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 52.362 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010656.D

Acq: 03 Jul 2019 21:28

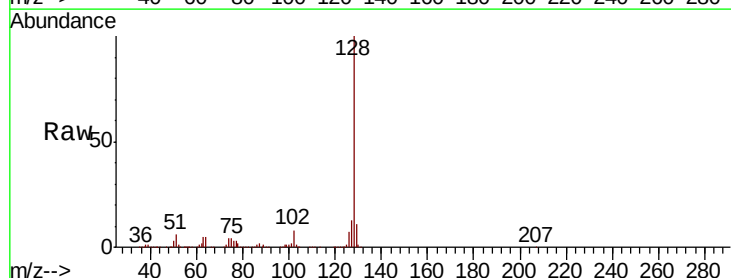
Tgt Ion:128 Resp: 521752

Ion Ratio Lower Upper

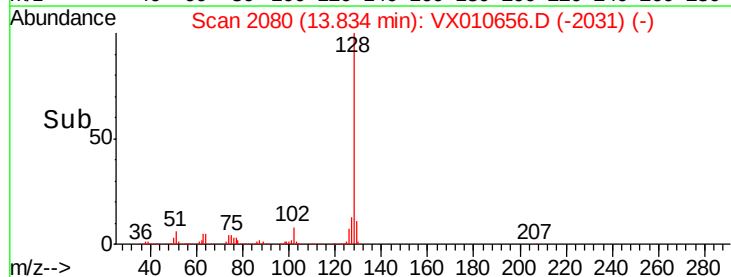
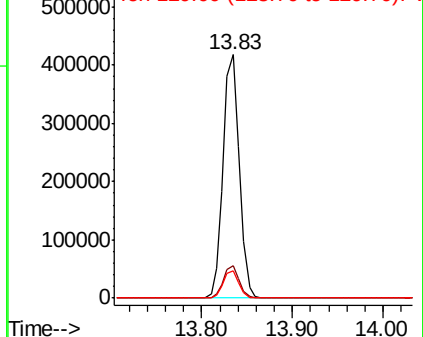
128 100

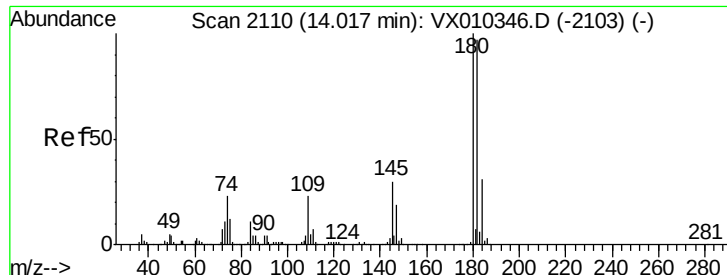
127 12.9 10.2 15.4

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

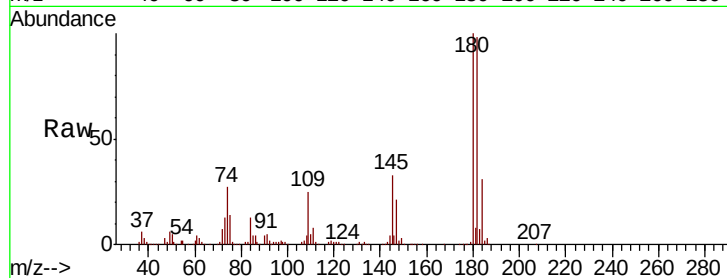




#96
 1,2,3-Trichlorobenzene
 Concen: 48.800 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX010656.D
 Acq: 03 Jul 2019 21:28

Instrument :
 MSVOA_X
 ClientSampleId :
 SP19-JMW0991MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.8	143.3
145	31.7	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

