

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021919\
 Data File : VX007617.D
 Acq On : 19 Feb 2019 16:57
 Operator : JC/SP
 Sample : K1528-06MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1MSD

Quant Time: Feb 20 04:06:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	596154	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	888936	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	822041	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	434877	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	338765	53.54	ug/l	0.00
Spiked Amount			Recovery	=	107.08%	
35) Dibromofluoromethane	5.51	113	284166	49.13	ug/l	0.00
Spiked Amount			Recovery	=	98.26%	
50) Toluene-d8	8.72	98	1085460	50.58	ug/l	0.00
Spiked Amount			Recovery	=	101.16%	
62) 4-Bromofluorobenzene	11.13	95	404703	51.65	ug/l	0.00
Spiked Amount			Recovery	=	103.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	307128	41.953	ug/l	99
3) Chloromethane	1.32	50	336175	50.065	ug/l	100
4) Vinyl Chloride	1.40	62	395722	60.072	ug/l	99
5) Bromomethane	1.64	94	19728	2.563	ug/l	98
6) Chloroethane	1.71	64	188122	44.146	ug/l	98
7) Trichlorofluoromethane	1.93	101	448253	43.498	ug/l	98
8) Diethyl Ether	2.19	74	183412	47.288	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.39	101	268602	43.819	ug/l	98
10) Methyl Iodide	2.51	142	19020	2.109	ug/l #	93
11) Tert butyl alcohol	3.07	59	288807	220.544	ug/l #	73
12) 1,1-Dichloroethene	2.37	96	254295	44.675	ug/l	97
13) Acrolein	2.26	56	751246	1223.389	ug/l #	1
14) Allyl chloride	2.73	41	326702	35.226	ug/l	95
15) Acrylonitrile	3.15	53	871810	269.120	ug/l	88
16) Acetone	2.45	43	756326	260.933	ug/l	98
17) Carbon Disulfide	2.57	76	590005	40.079	ug/l	99
18) Methyl Acetate	2.78	43	674201	88.806	ug/l #	85
19) Methyl tert-butyl Ether	3.20	73	772238	41.877	ug/l #	1
20) Methylene Chloride	2.85	84	275168	46.449	ug/l	91
21) trans-1,2-Dichloroethene	3.17	96	233389	38.491	ug/l	95
22) Diisopropyl ether	3.87	45	882698	51.741	ug/l	96
23) Vinyl Acetate	3.82	43	3766775	266.078	ug/l	98
24) 1,1-Dichloroethane	3.70	63	399169	40.744	ug/l	99
25) 2-Butanone	4.70	43	1153952	279.747	ug/l	96
26) 2,2-Dichloropropane	4.59	77	342202	45.865	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	311444	47.026	ug/l	96
28) Bromochloromethane	5.02	49	217320	48.236	ug/l	93
29) Tetrahydrofuran	5.15	42	711556	274.273	ug/l	98
30) Chloroform	5.22	83	533897	52.224	ug/l	94
31) Cyclohexane	5.58	56	3914312	444.853	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	438018	50.759	ug/l	99
36) 1,1-Dichloropropene	5.80	75	356106	44.648	ug/l	96
37) Ethyl Acetate	4.85	43	416092	51.608	ug/l	98
38) Carbon Tetrachloride	5.79	117	367327	47.471	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	2175623	225.453	ug/l	94
40) Benzene	6.14	78	1061566	45.183	ug/l	99
41) Methacrylonitrile	5.06	41	259649	60.088	ug/l #	57
42) 1,2-Dichloroethane	6.20	62	398754	49.053	ug/l	90
43) Isopropyl Acetate	6.46	43	738586	59.349	ug/l	96
44) Trichloroethene	7.21	130	318148	44.961	ug/l	96
45) 1,2-Dichloropropane	7.51	63	291063	49.445	ug/l	99
46) Dibromomethane	7.66	93	198996	46.511	ug/l	93
47) Bromodichloromethane	7.90	83	368128	50.770	ug/l	99
48) Methyl methacrylate	7.77	41	346894	55.728	ug/l	96
49) 1,4-Dioxane	7.75	88	126363	893.359	ug/l #	91
51) 4-Methyl-2-Pentanone	8.66	43	2230502	272.263	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	237093	30.441	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	73467	8.577	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	302784	47.919	ug/l	98
56) Ethyl methacrylate	9.18	69	511467	58.444	ug/l	93
57) 1,3-Dichloropropane	9.37	76	502228	49.980	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	1233039	267.312	ug/l	99
59) 2-Hexanone	9.49	43	1705006	267.448	ug/l	100
60) Dibromochloromethane	9.59	129	327970	54.881	ug/l	98
61) 1,2-Dibromoethane	9.67	107	328849	49.144	ug/l	98
64) Tetrachloroethene	9.34	164	323285	41.725	ug/l	99
65) Chlorobenzene	10.14	112	811328	45.228	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	301222	50.085	ug/l	100
68) m/p-Xylenes	10.26	106	17135828	1492.242	ug/l #	1
69) o-Xylene	10.71	106	10423120	943.289	ug/l	63
70) Styrene	10.71	104	1570628	87.646	ug/l #	1
71) Bromoform	10.86	173	250328	47.661	ug/l	99
73) Isopropylbenzene	11.02	105	4689083	158.671	ug/l	99
74) N-amyl acetate	10.90	43	633674	55.437	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	452388	50.230	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	412743	48.794	ug/l #	30
77) Bromobenzene	11.26	156	379498	45.577	ug/l	96
78) n-propylbenzene	11.36	91	10499712	324.006	ug/l	98
79) 2-Chlorotoluene	11.44	91	6499596	330.546	ug/l #	46
80) 1,3,5-Trimethylbenzene	11.51	105	11037746	456.533	ug/l	94
81) trans-1,4-Dichloro-2-buten	11.02	75	53165	22.012	ug/l #	73
82) 4-Chlorotoluene	11.51	91	2321303	102.025	ug/l #	70
83) tert-Butylbenzene	11.77	119	1180586	49.321	ug/l	97
84) 1,2,4-Trimethylbenzene	11.67	105	11066269	450.845	ug/l	83
85) sec-Butylbenzene	11.94	105	1713052	59.129	ug/l	94
86) p-Isopropyltoluene	12.07	119	1429185	54.648	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	683952	45.770	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	683200	45.064	ug/l	98
89) n-Butylbenzene	12.39	91	2301478	102.300	ug/l #	60
90) Hexachloroethane	12.59	117	563087	143.864	ug/l #	38
91) 1,2-Dichlorobenzene	12.39	146	671338	45.143	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	136760	73.029	ug/l	72
93) 1,2,4-Trichlorobenzene	13.65	180	504868	50.340	ug/l	96
94) Hexachlorobutadiene	13.79	225	213926	43.928	ug/l	99

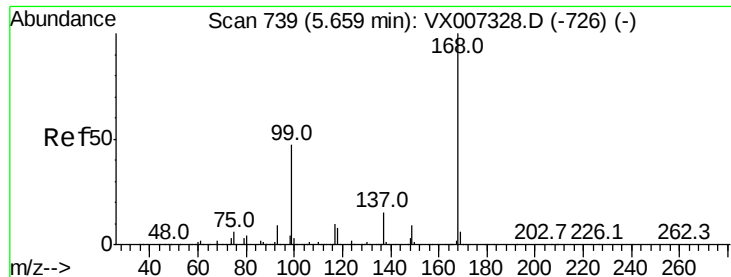
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Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	13.83	128	14305382	487.767	ug/l #	85
96) 1,2,3-Trichlorobenzene	14.02	180	492804	48.815	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007617.D

Acq: 19 Feb 2019 16:57

Instrument :

MSVOA_X

ClientSampleId :

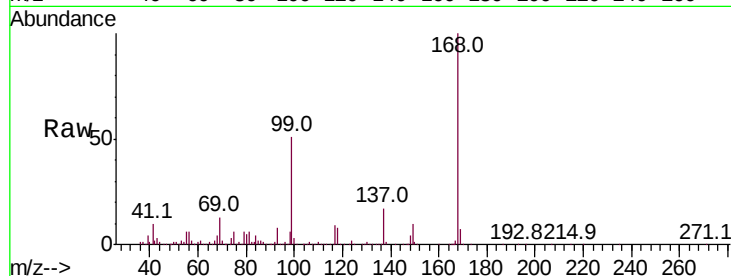
MW-1MSD

Tot Ion:168 Resp: 596154

Ion Ratio Lower Upper

168 100

99 50.9 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

250000

200000

150000

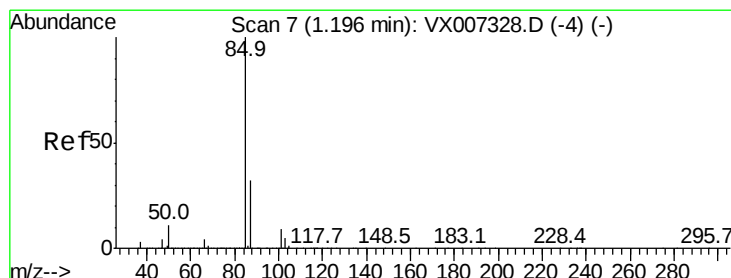
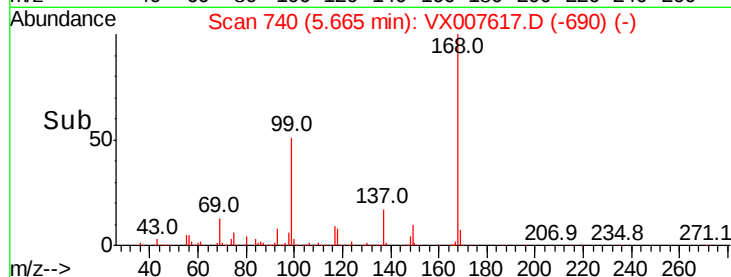
100000

50000

0

5.50 5.60 5.70 5.80 5.90

Time-->



#2

Dichlorodifluoromethane

Concen: 41.953 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX007617.D

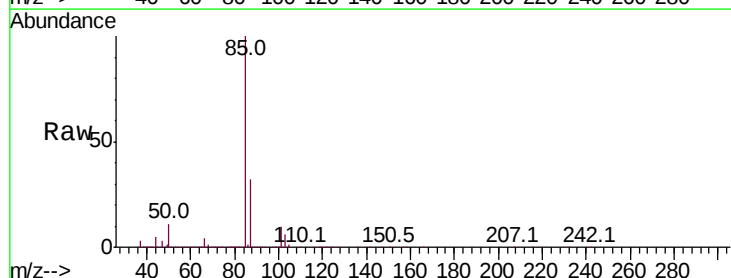
Acq: 19 Feb 2019 16:57

Tgt Ion: 85 Resp: 307128

Ion Ratio Lower Upper

85 100

87 32.2 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

300000

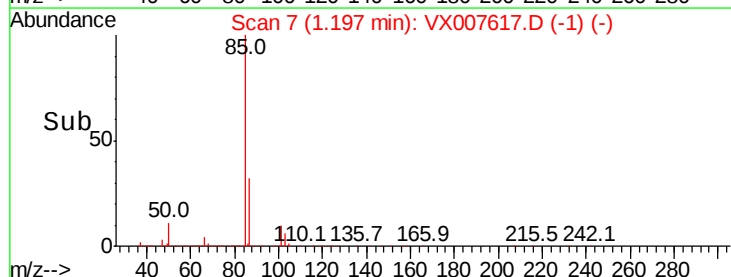
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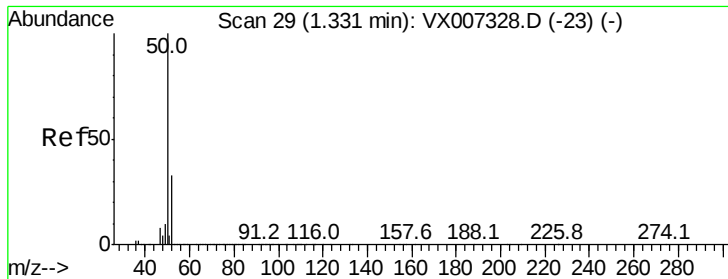
100000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 50.065 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX007617.D

Acq: 19 Feb 2019 16:57

Instrument :

MSVOA_X

ClientSampleId :

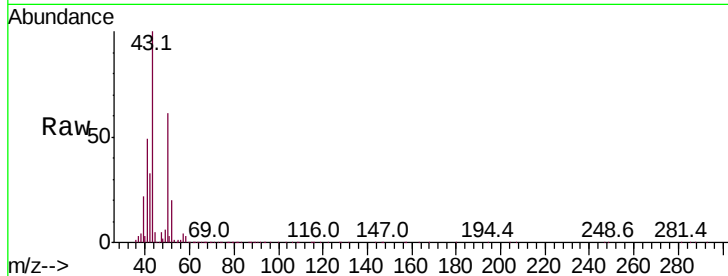
MW-1MSD

Tot Ion: 50 Resp: 336175

Ion Ratio Lower Upper

50 100

52 32.7 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1000000

800000

600000

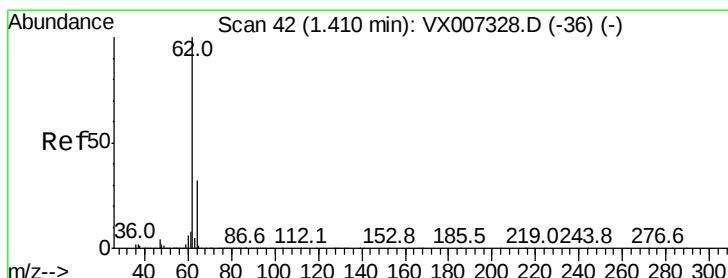
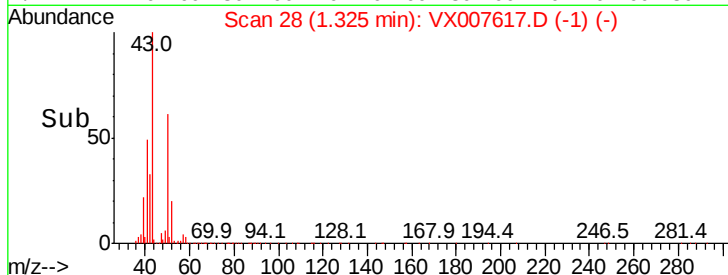
400000

200000

0

1.25 1.30 1.35 1.40

Time-->



#4

Vinyl Chloride

Concen: 60.072 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX007617.D

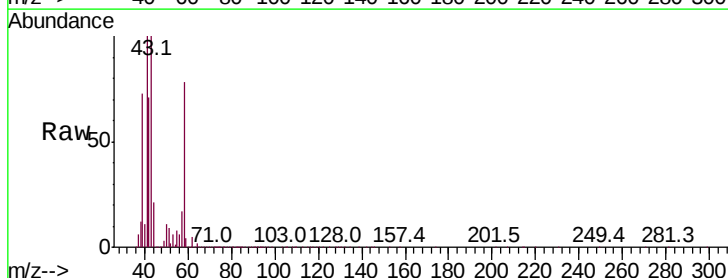
Acq: 19 Feb 2019 16:57

Tgt Ion: 62 Resp: 395722

Ion Ratio Lower Upper

62 100

64 32.1 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

400000

300000

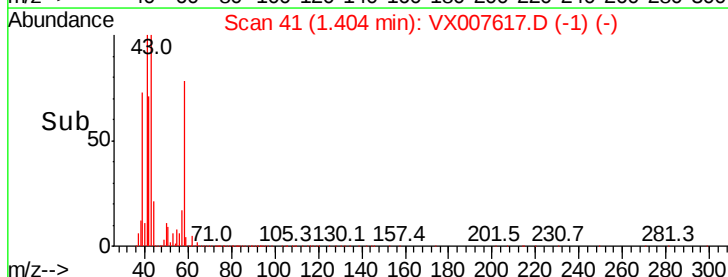
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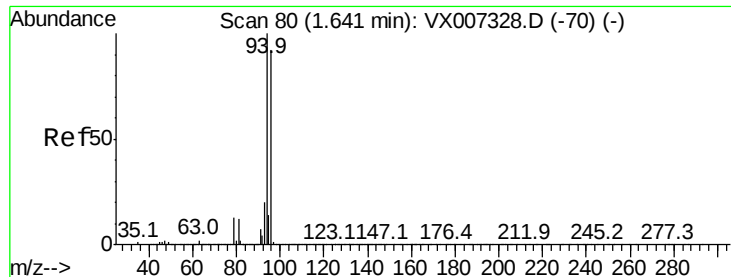
100000

0

1.30 1.40 1.50

Time-->





#5

Bromomethane

Concen: 2.563 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX007617.D

Acq: 19 Feb 2019 16:57

Instrument :

MSVOA_X

ClientSampleId :

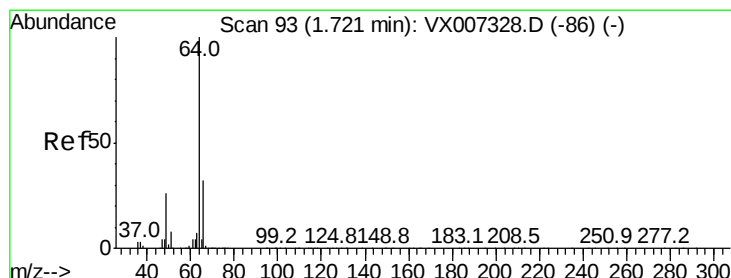
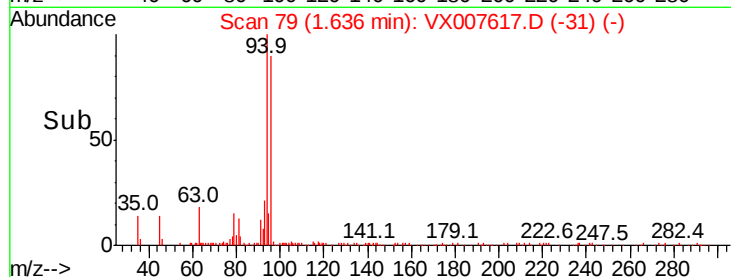
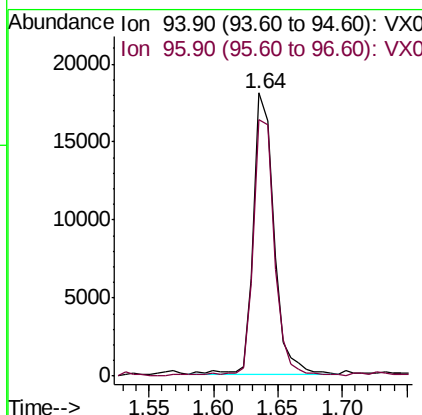
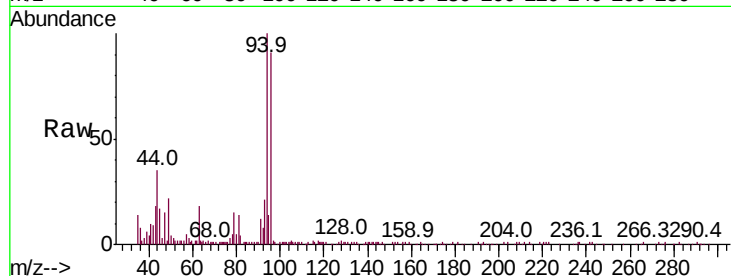
MW-1MSD

Tot Ion: 94 Resp: 19728

Ion Ratio Lower Upper

94 100

96 90.6 73.9 110.9



#6

Chloroethane

Concen: 44.146 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX007617.D

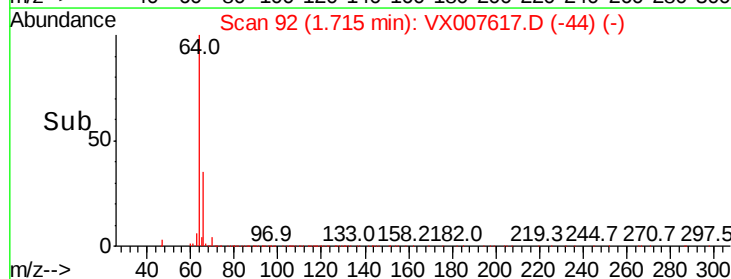
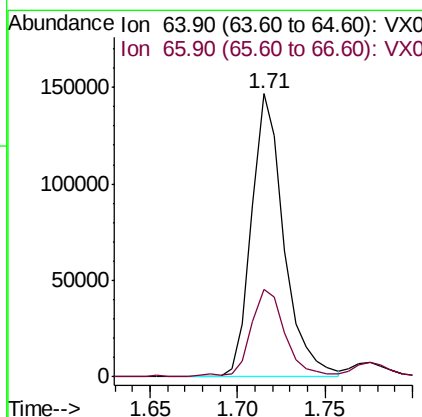
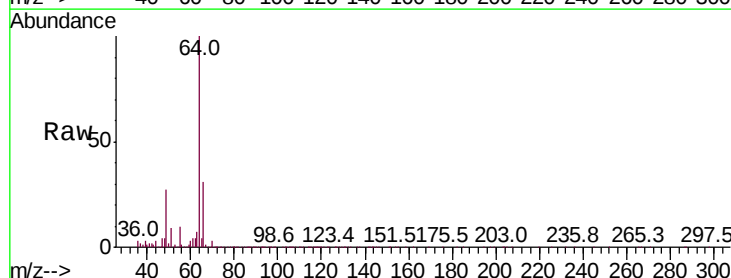
Acq: 19 Feb 2019 16:57

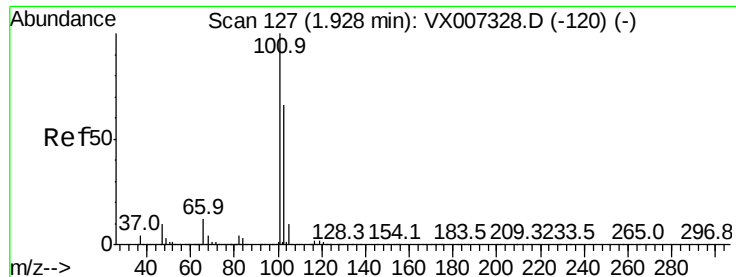
Tgt Ion: 64 Resp: 188122

Ion Ratio Lower Upper

64 100

66 30.6 25.5 38.3



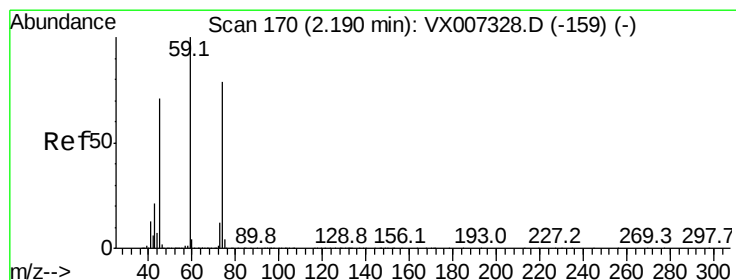
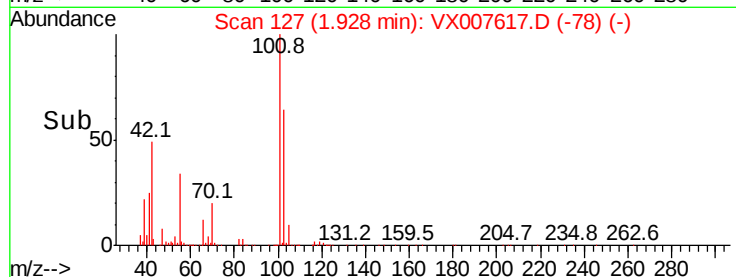
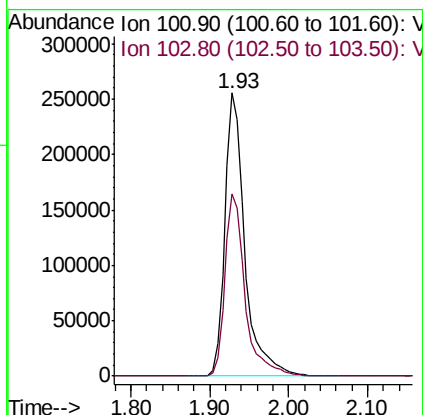
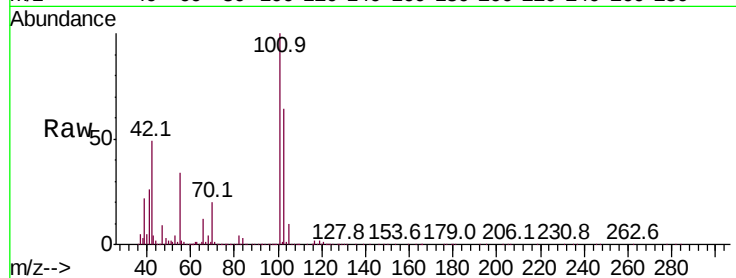


#7

Trichlorofluoromethane
Concen: 43.498 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX007617.D
Acq: 19 Feb 2019 16:57

Instrument :
MSVOA_X
ClientSampleId :
MW-1MSD

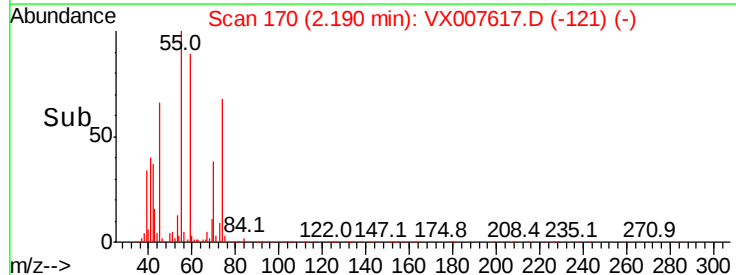
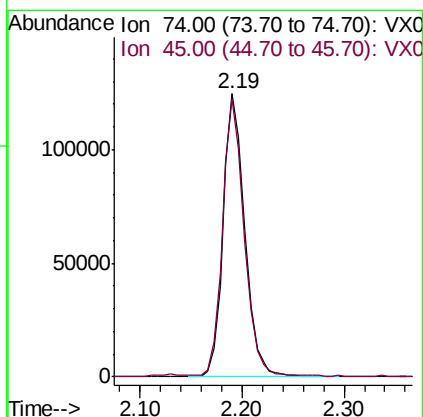
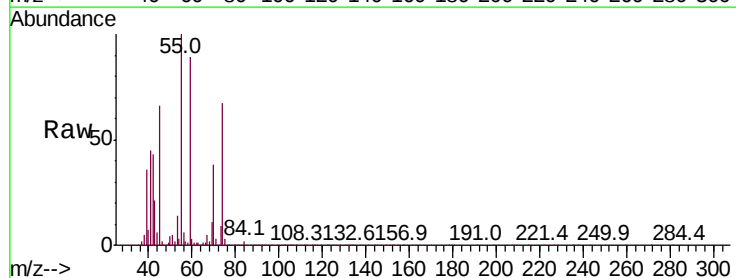
Tot Ion:101 Resp: 448253
Ion Ratio Lower Upper
101 100
103 64.4 52.6 79.0

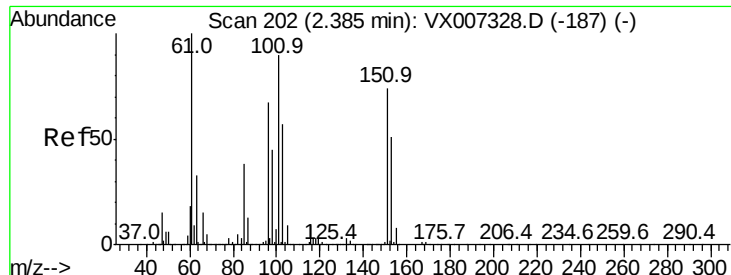


#8

Diethyl Ether
Concen: 47.288 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007617.D
Acq: 19 Feb 2019 16:57

Tgt Ion: 74 Resp: 183412
Ion Ratio Lower Upper
74 100
45 97.9 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.819 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007617.D

Acq: 19 Feb 2019 16:57

Instrument :

MSVOA_X

ClientSampleId :

MW-1MSD

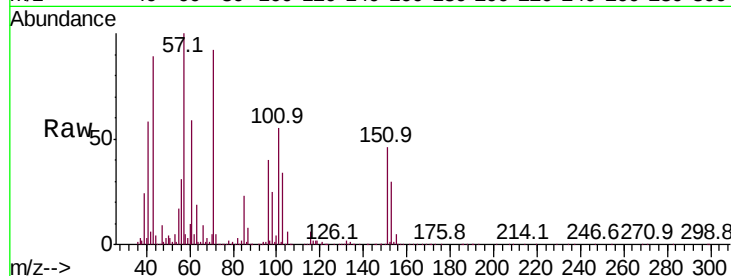
Tot Ion:101 Resp: 268602

Ion Ratio Lower Upper

101 100

85 42.9 34.1 51.1

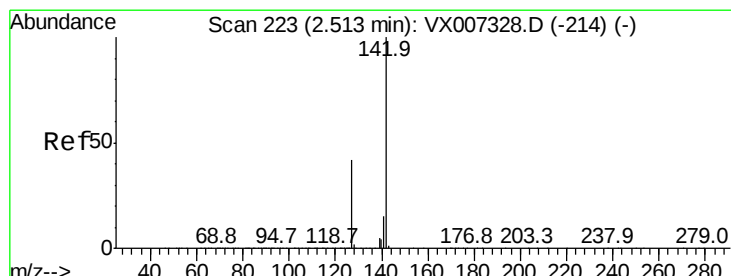
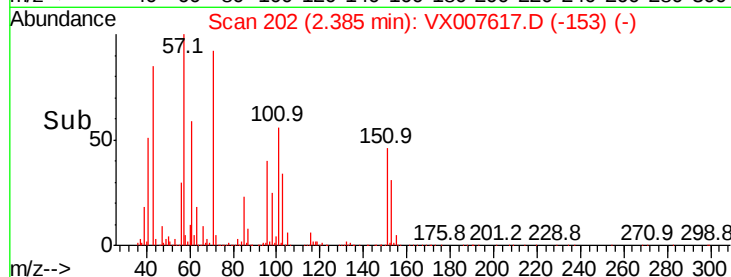
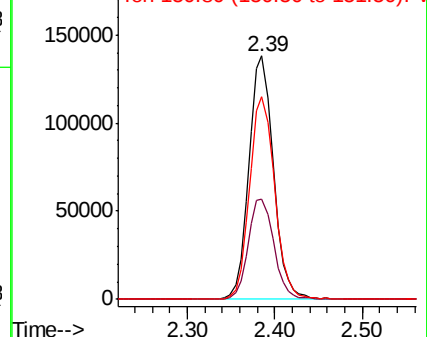
151 85.2 69.9 104.9



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: 2.109 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX007617.D

Acq: 19 Feb 2019 16:57

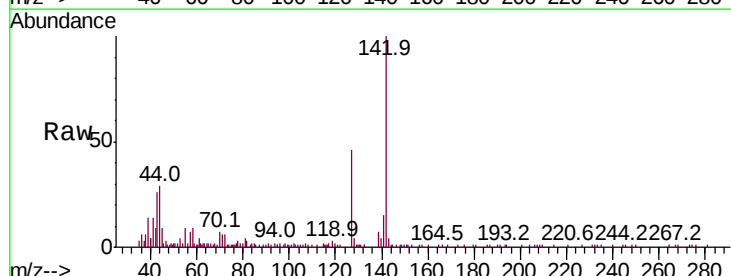
Tgt Ion:142 Resp: 19020

Ion Ratio Lower Upper

142 100

127 46.3 33.7 50.5

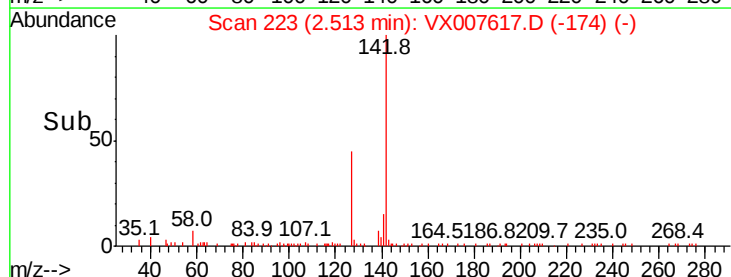
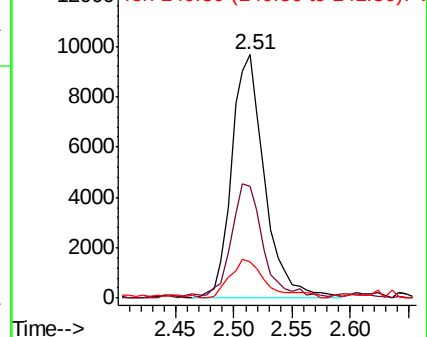
141 17.5 11.3 16.9#

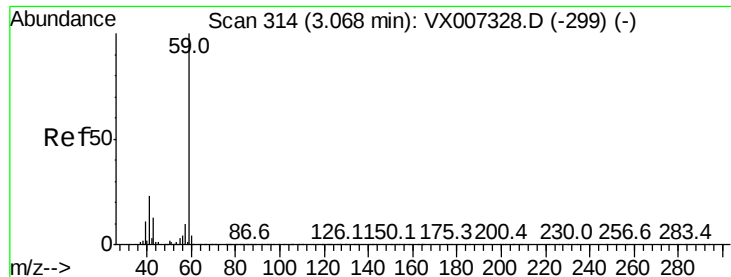


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



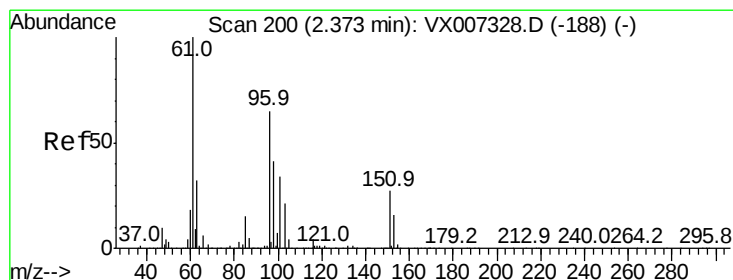
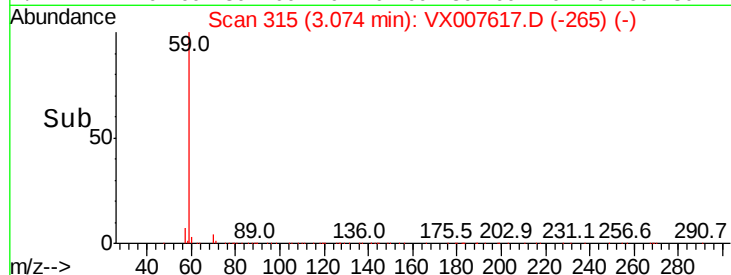
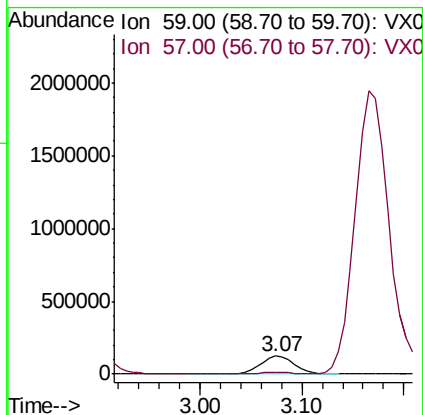
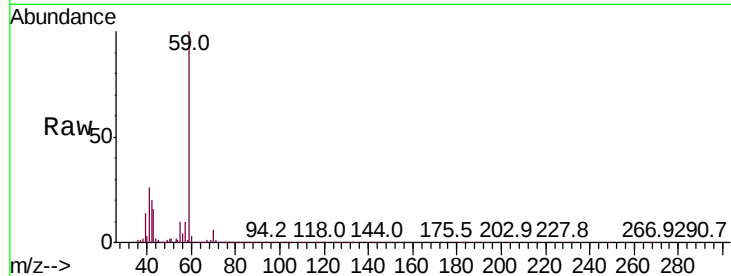


#11

Tert butyl alcohol
 Concen: 220.544 ug/l
 RT: 3.07 min Scan# 315
 Delta R.T. 0.01 min
 Lab File: VX007617.D
 Acq: 19 Feb 2019 16:57

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1MSD

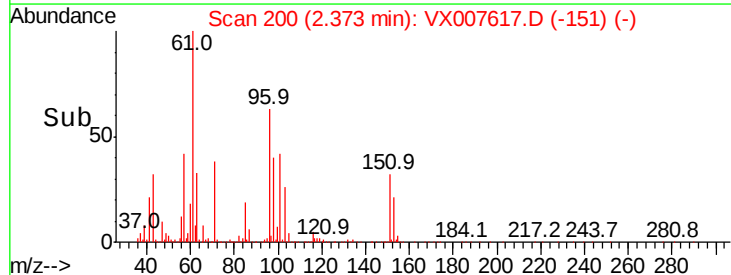
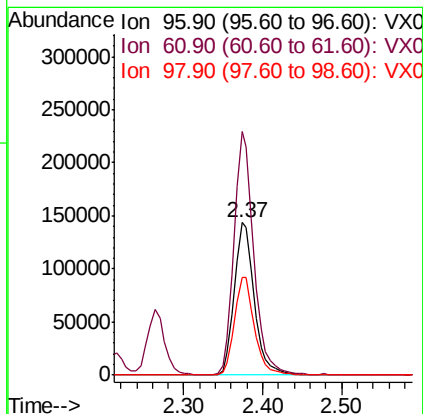
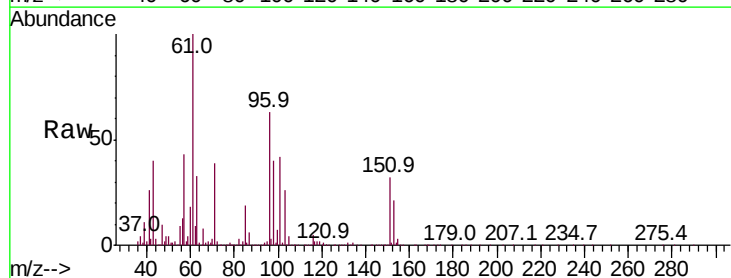
Tot Ion: 59 Resp: 288807
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.1 12.1#

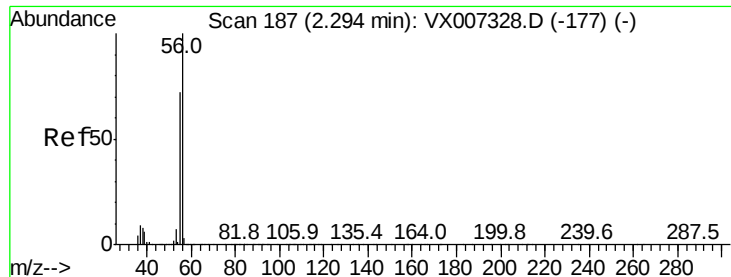


#12

1,1-Dichloroethene
 Concen: 44.675 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX007617.D
 Acq: 19 Feb 2019 16:57

Tgt Ion: 96 Resp: 254295
 Ion Ratio Lower Upper
 96 100
 61 159.2 123.0 184.4
 98 64.2 50.9 76.3





#13

Acrolein

Concen: 1223.389 ug/l

RT: 2.26 min Scan# 182

Delta R.T. -0.03 min

Lab File: VX007617.D

Acq: 19 Feb 2019 16:57

Instrument :

MSVOA_X

ClientSampleId :

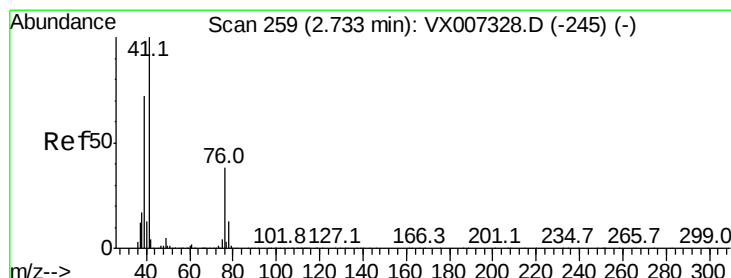
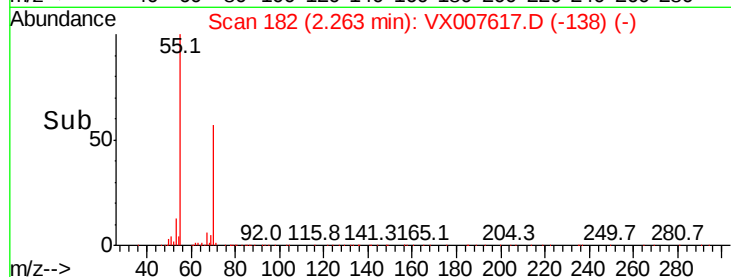
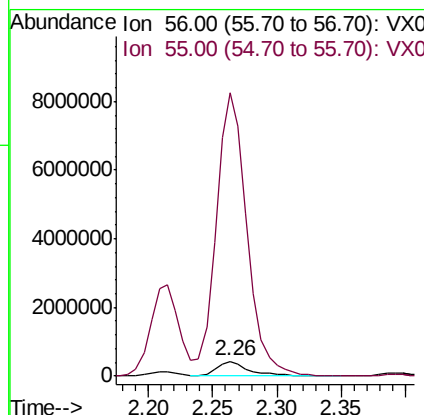
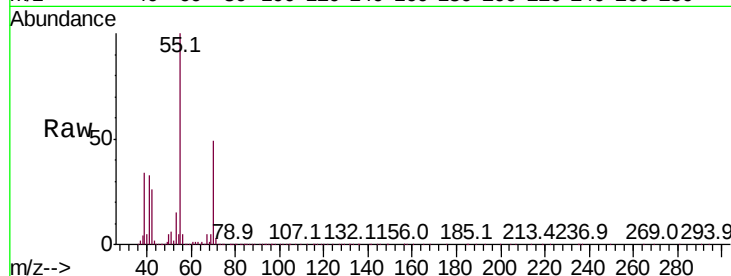
MW-1MSD

Tot Ion: 56 Resp: 751246

Ion Ratio Lower Upper

56 100

55 1835.1 56.9 85.3#



#14

Allyl chloride

Concen: 35.226 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.01 min

Lab File: VX007617.D

Acq: 19 Feb 2019 16:57

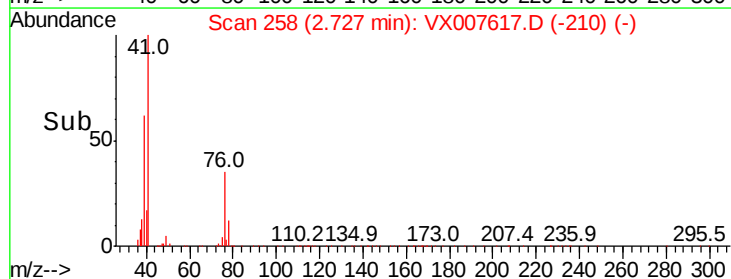
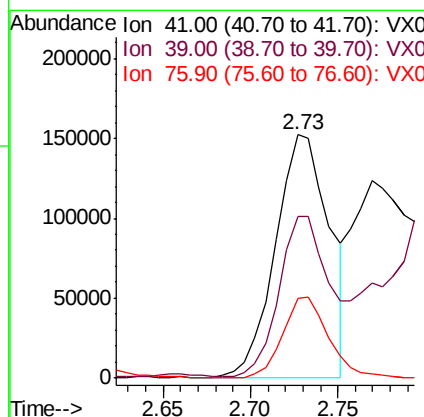
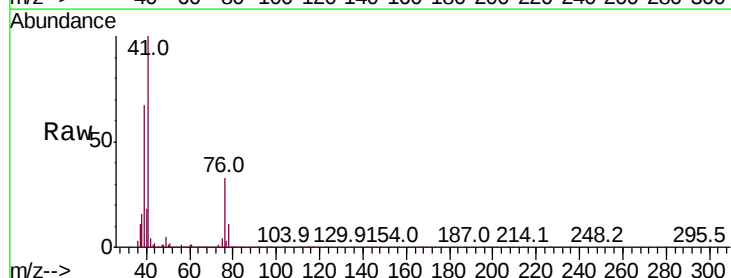
Tgt Ion: 41 Resp: 326702

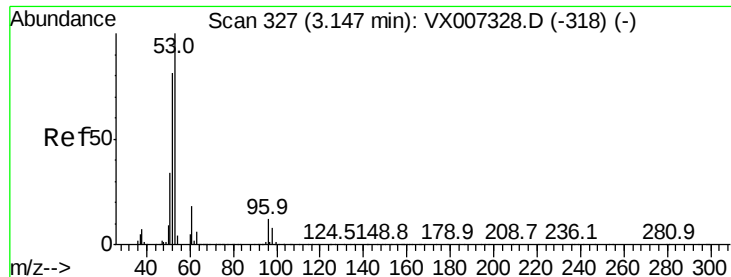
Ion Ratio Lower Upper

41 100

39 65.9 54.1 81.1

76 28.9 27.8 41.8





#15

Acrylonitrile

Concen: 269.120 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX007617.D

Acq: 19 Feb 2019 16:57

Instrument :

MSVOA_X

ClientSampleId :

MW-1MSD

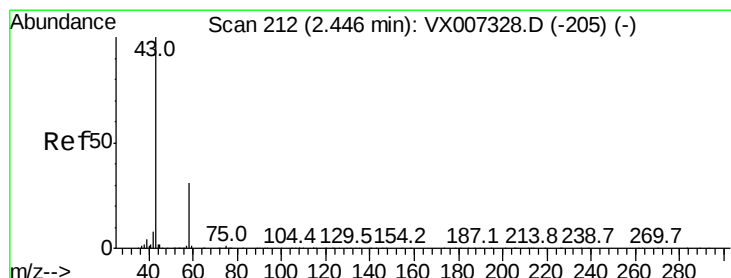
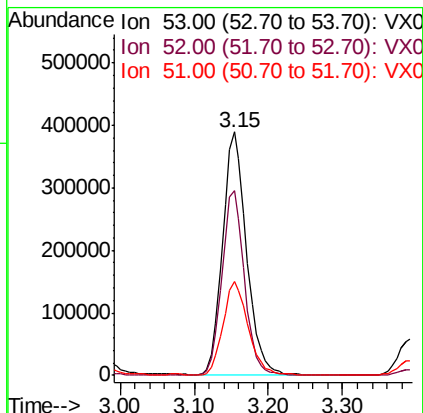
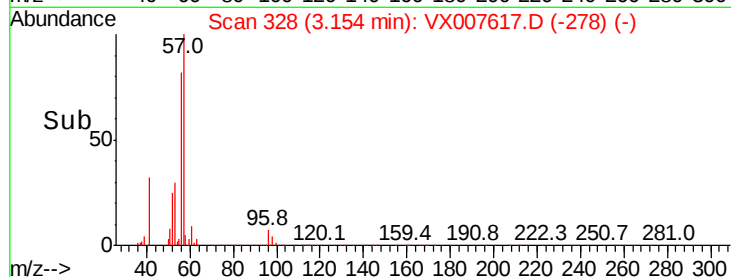
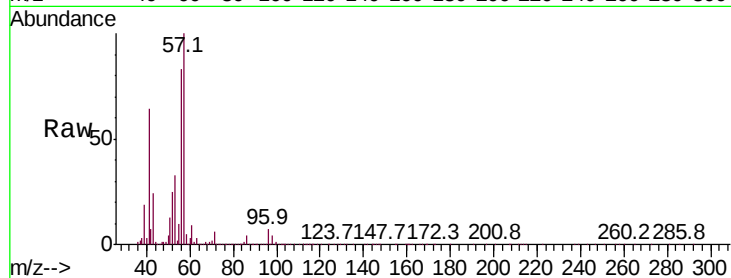
Tot Ion: 53 Resp: 871810

Ion Ratio Lower Upper

53 100

52 71.0 66.4 99.6

51 40.2 28.4 42.6



#16

Acetone

Concen: 260.933 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007617.D

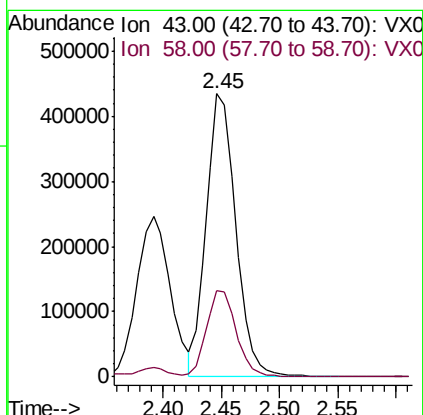
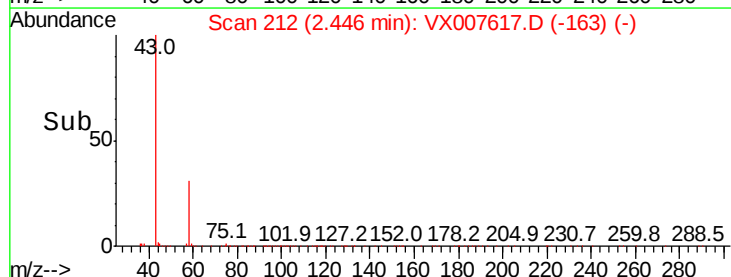
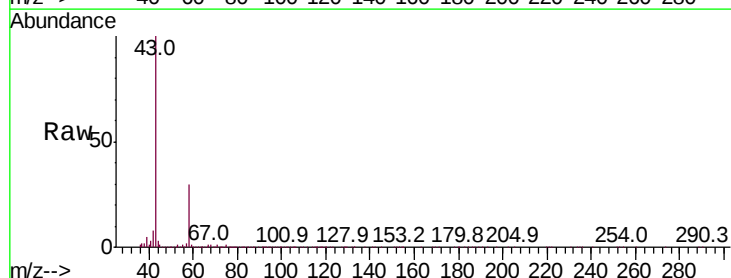
Acq: 19 Feb 2019 16:57

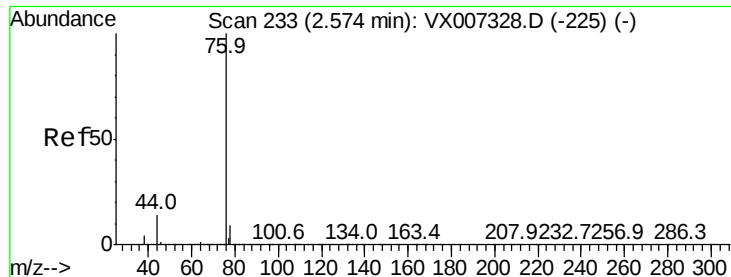
Tgt Ion: 43 Resp: 756326

Ion Ratio Lower Upper

43 100

58 30.3 24.9 37.3

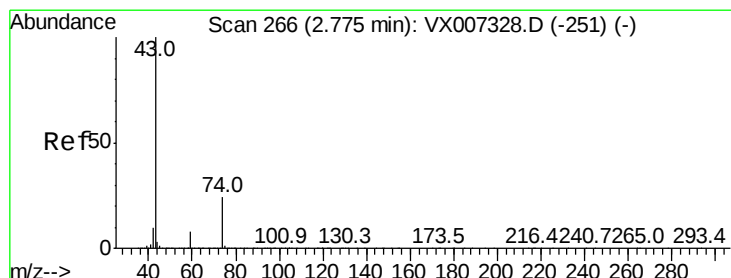
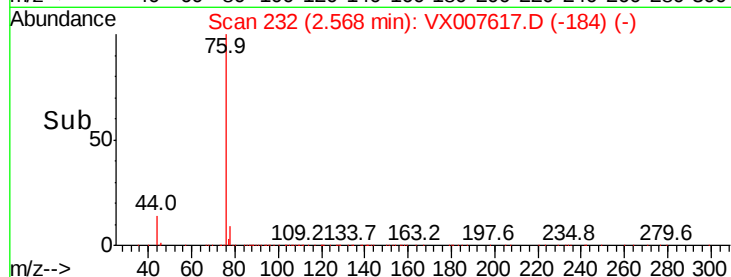
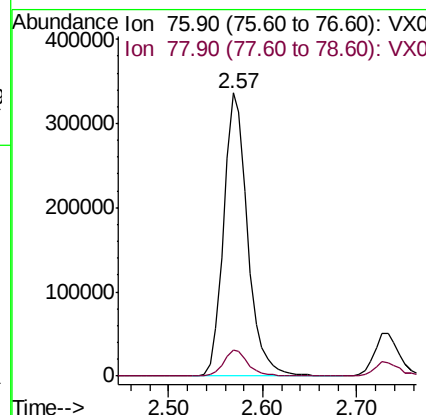
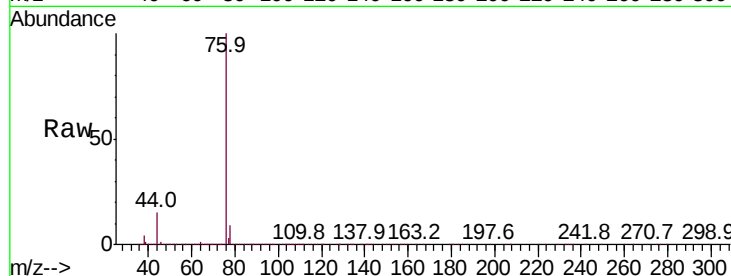




#17
Carbon Disulfide
Concen: 40.079 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.01 min
Lab File: VX007617.D
Acq: 19 Feb 2019 16:57

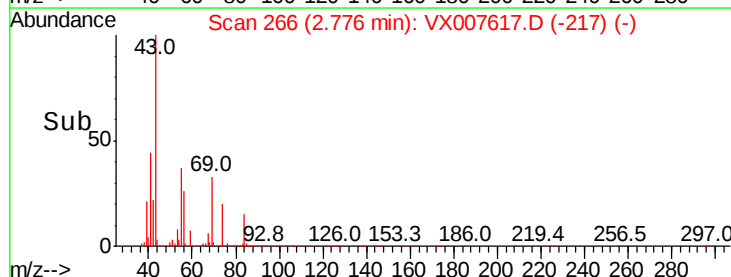
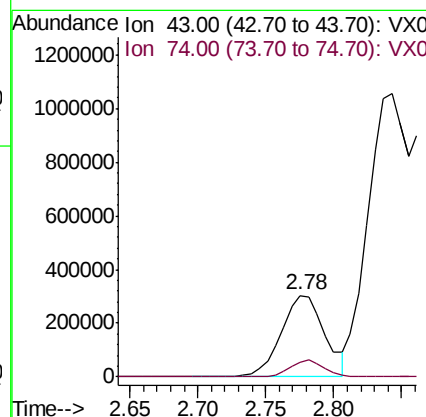
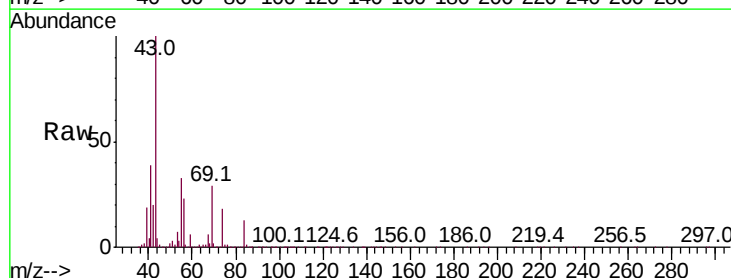
Instrument :
MSVOA_X
ClientSampleId :
MW-1MSD

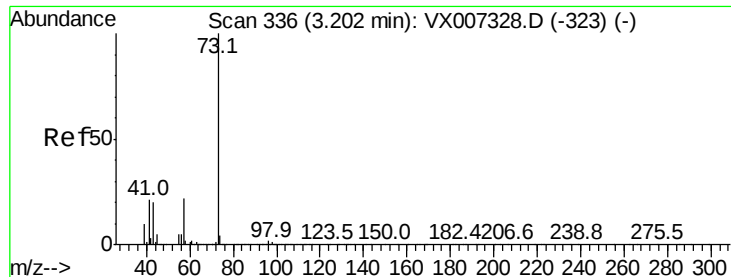
Tot Ion: 76 Resp: 590005
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7



#18
Methyl Acetate
Concen: 88.806 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX007617.D
Acq: 19 Feb 2019 16:57

Tgt Ion: 43 Resp: 674201
Ion Ratio Lower Upper
43 100
74 16.6 19.4 29.2#

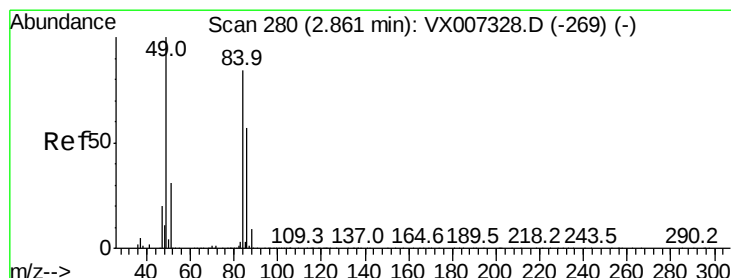
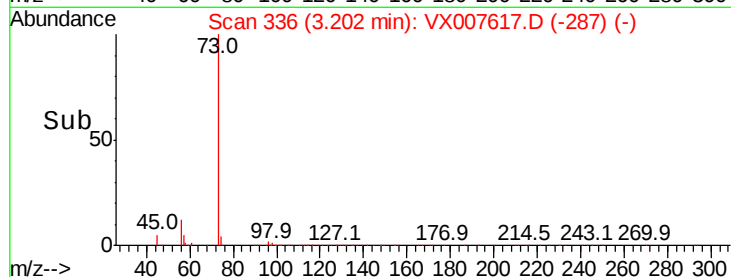
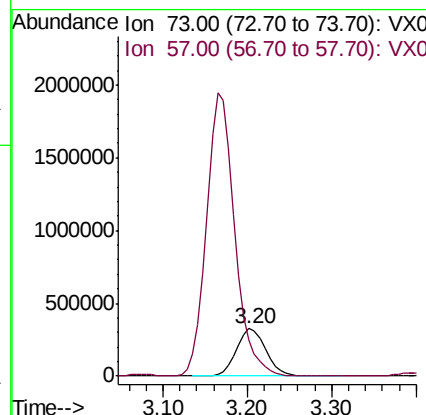
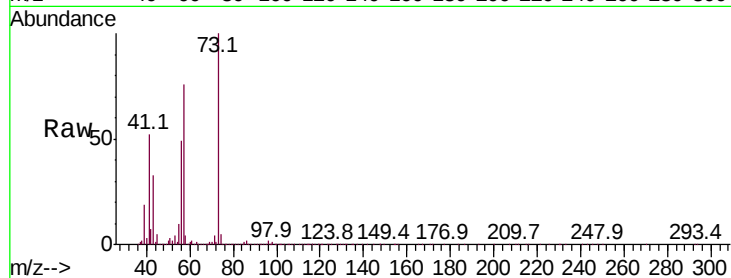




#19
Methyl tert-butyl Ether
Concen: 41.877 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX007617.D
Acq: 19 Feb 2019 16:57

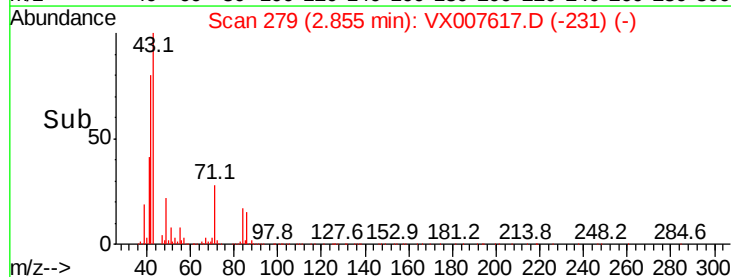
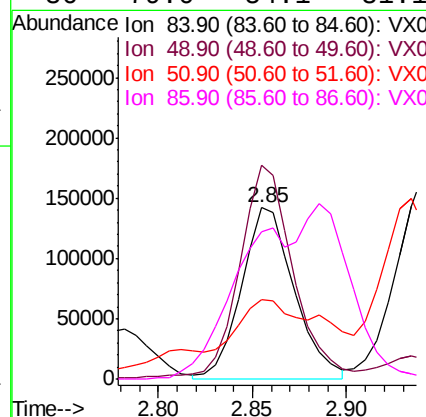
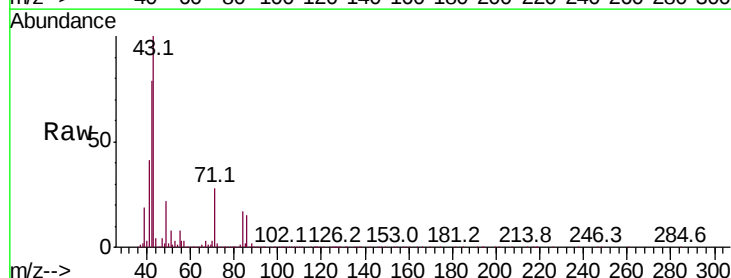
Instrument :
MSVOA_X
ClientSampleId :
MW-1MSD

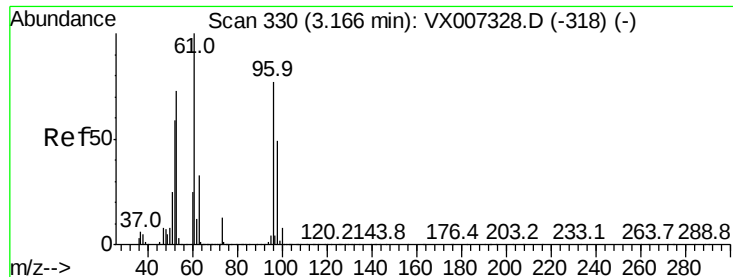
Tot Ion: 73 Resp: 772238
Ion Ratio Lower Upper
73 100
57 76.0 17.8 26.8#



#20
Methylene Chloride
Concen: 46.449 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX007617.D
Acq: 19 Feb 2019 16:57

Tgt Ion: 84 Resp: 275168
Ion Ratio Lower Upper
84 100
49 125.1 94.8 142.2
51 30.9 29.8 44.8
86 79.0 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 38.491 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007617.D

Acq: 19 Feb 2019 16:57

Instrument :

MSVOA_X

ClientSampleId :

MW-1MSD

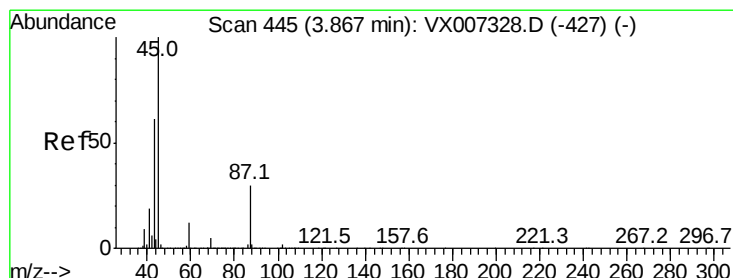
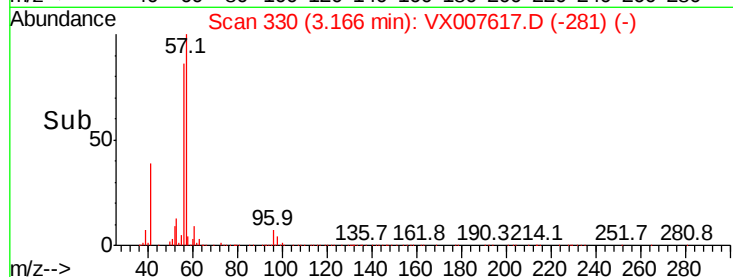
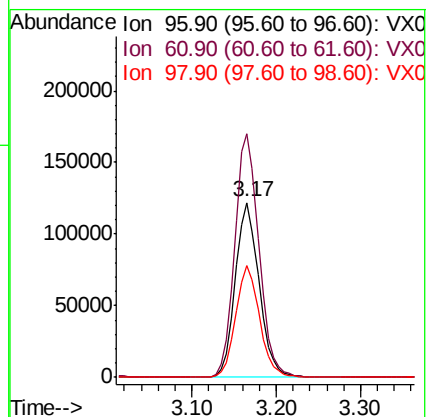
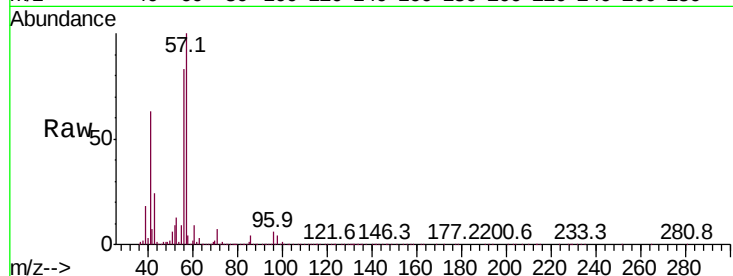
Tot Ion: 96 Resp: 233389

Ion Ratio Lower Upper

96 100

61 139.0 104.6 156.8

98 63.6 51.0 76.4



#22

Diisopropyl ether

Concen: 51.741 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX007617.D

Acq: 19 Feb 2019 16:57

Tgt Ion: 45 Resp: 882698

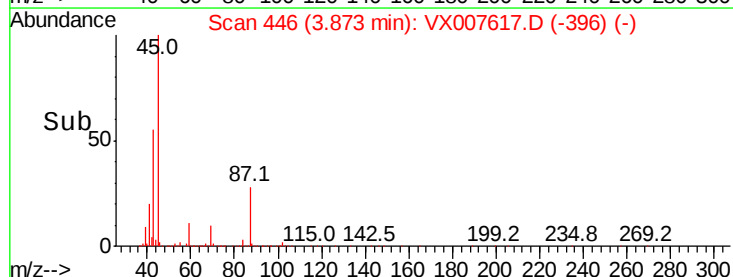
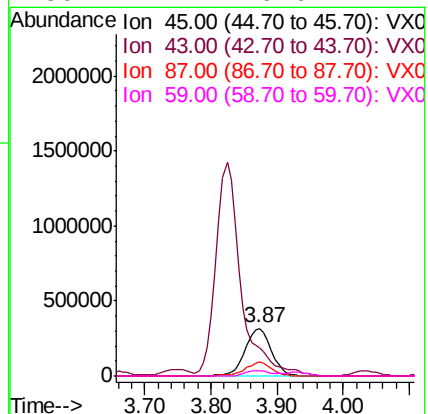
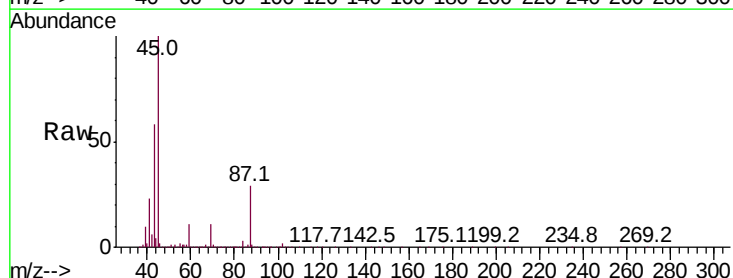
Ion Ratio Lower Upper

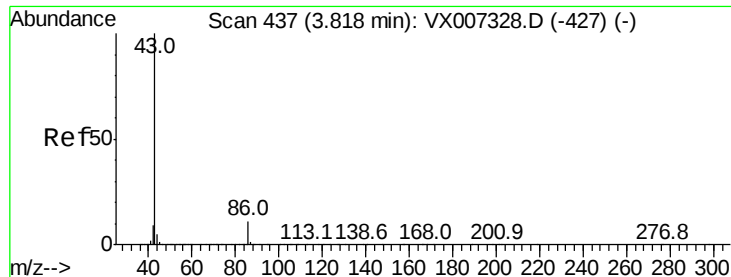
45 100

43 56.9 48.9 73.3

87 28.5 23.9 35.9

59 11.2 9.6 14.4





#23

Vinyl Acetate

Concen: 266.078 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX007617.D

Acq: 19 Feb 2019 16:57

Instrument :

MSVOA_X

ClientSampleId :

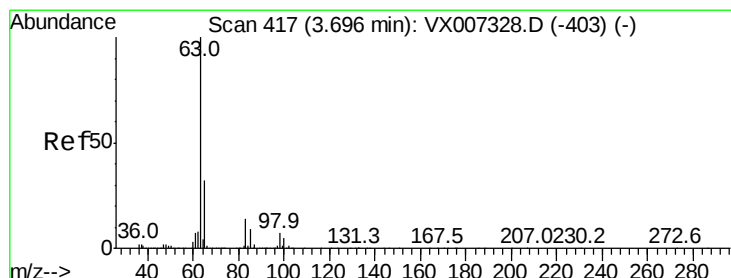
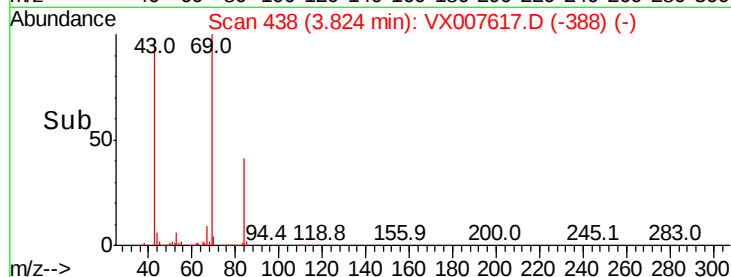
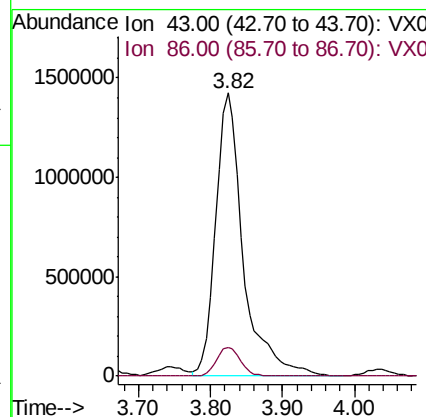
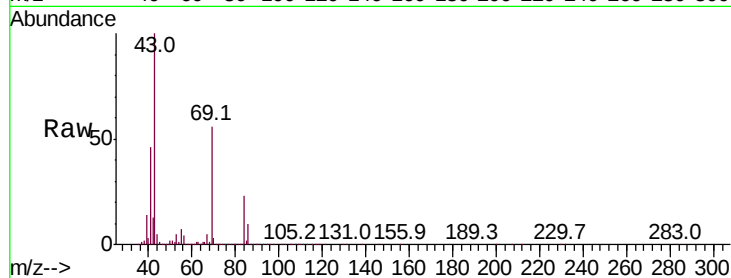
MW-1MSD

Tot Ion: 43 Resp: 3766775

Ion Ratio Lower Upper

43 100

86 10.3 8.7 13.1



#24

1,1-Dichloroethane

Concen: 40.744 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007617.D

Acq: 19 Feb 2019 16:57

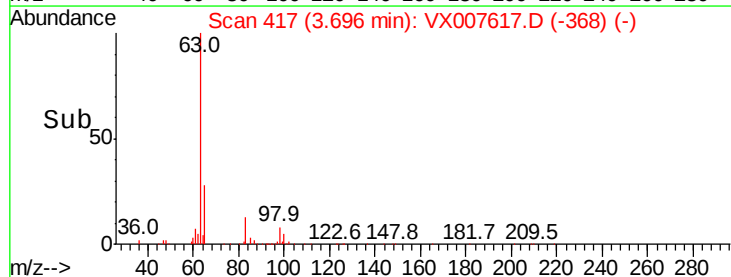
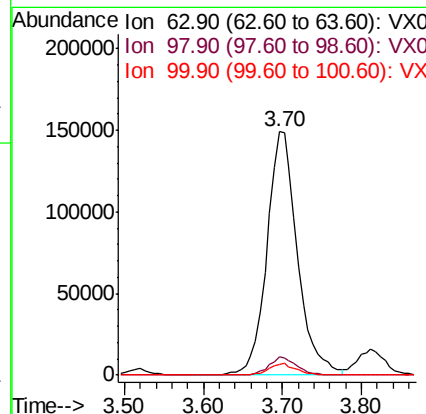
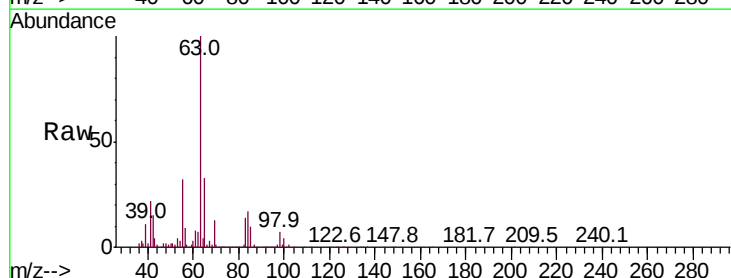
Tgt Ion: 63 Resp: 399169

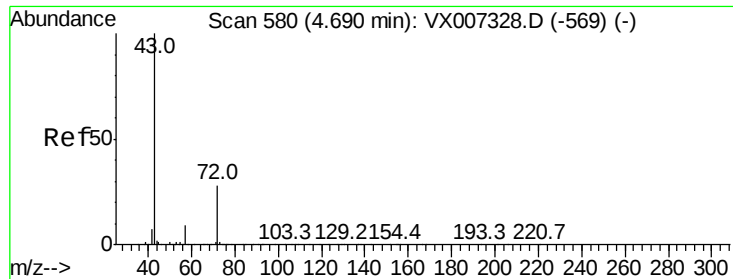
Ion Ratio Lower Upper

63 100

98 7.5 3.6 10.8

100 4.4 2.5 7.4





#25

2-Butanone

Concen: 279.747 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX007617.D

Acq: 19 Feb 2019 16:57

Instrument :

MSVOA_X

ClientSampleId :

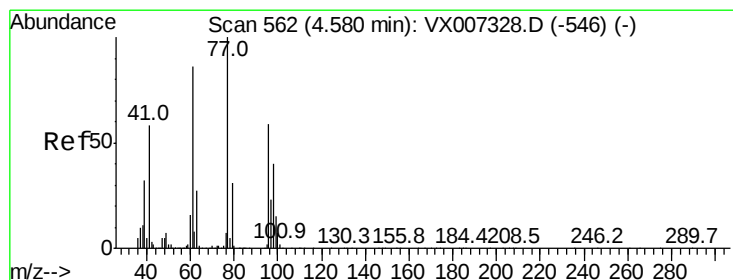
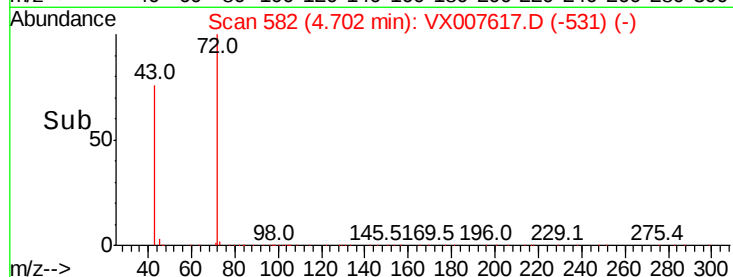
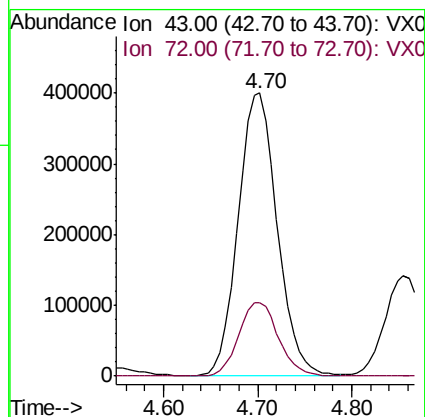
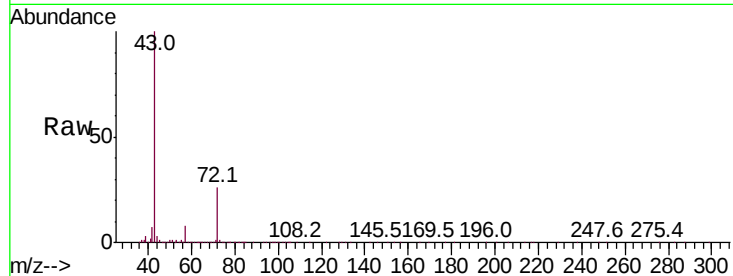
MW-1MSD

Tot Ion: 43 Resp: 1153952

Ion Ratio Lower Upper

43 100

72 25.8 22.2 33.2



#26

2,2-Dichloropropane

Concen: 45.865 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX007617.D

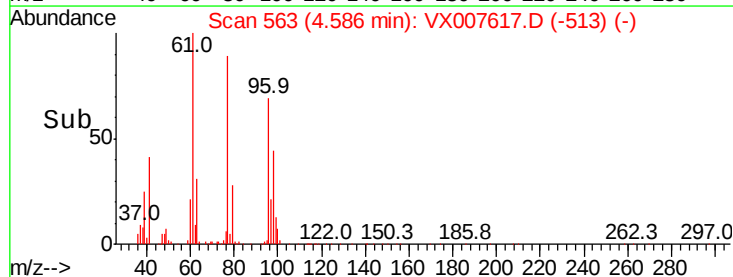
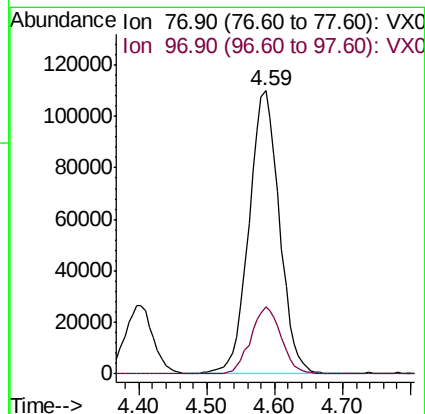
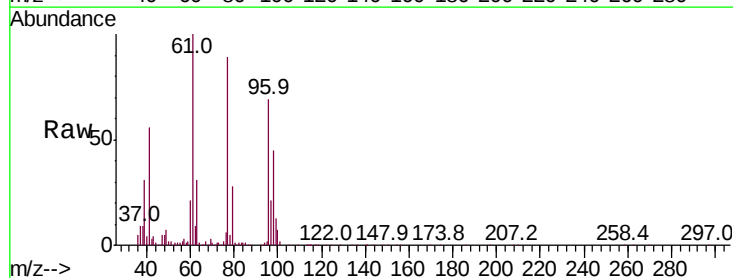
Acq: 19 Feb 2019 16:57

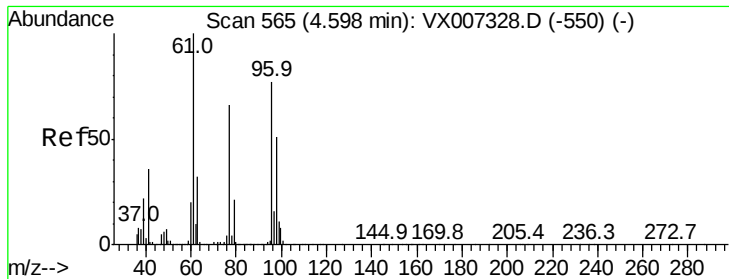
Tgt Ion: 77 Resp: 342202

Ion Ratio Lower Upper

77 100

97 23.7 12.1 36.3



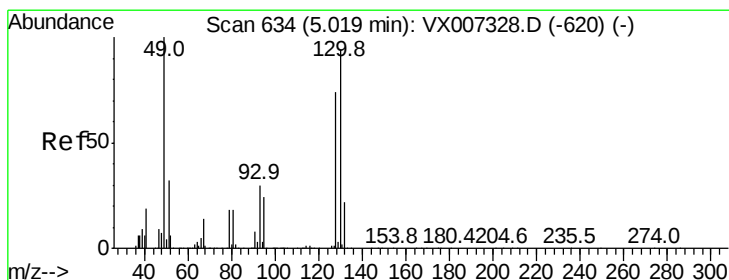
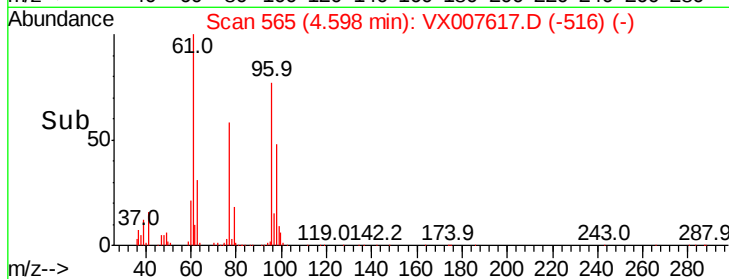
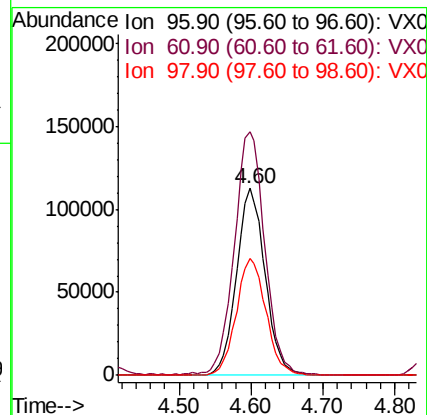
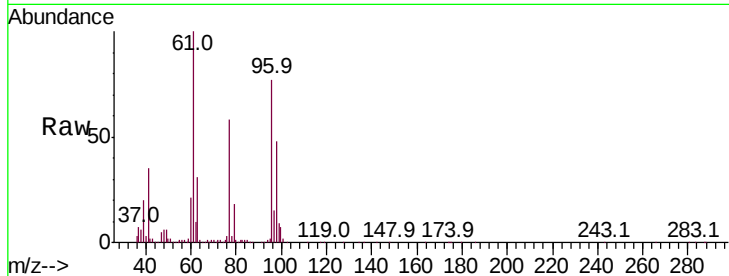


#27

cis-1,2-Dichloroethene
Concen: 47.026 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX007617.D
Acq: 19 Feb 2019 16:57

Instrument :
MSVOA_X
ClientSampleId :
MW-1MSD

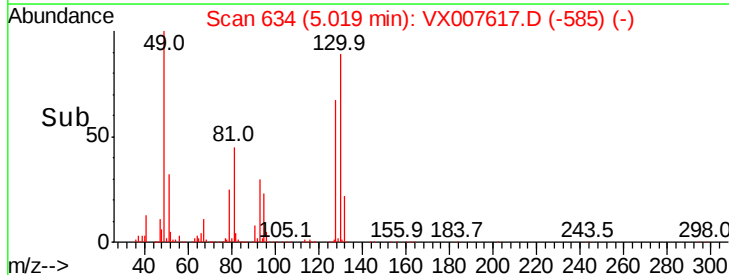
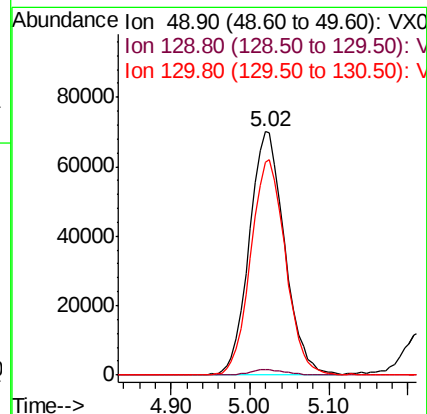
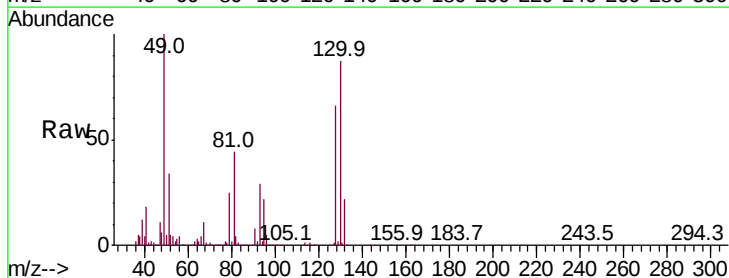
Tot Ion	Ratio	Lower	Upper
96	100		
61	138.7	0.0	265.6
98	64.3	0.0	131.6

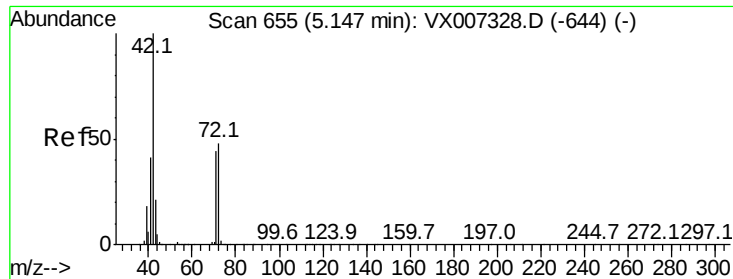


#28

Bromochloromethane
Concen: 48.236 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX007617.D
Acq: 19 Feb 2019 16:57

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.6
130	87.6	75.6	113.4

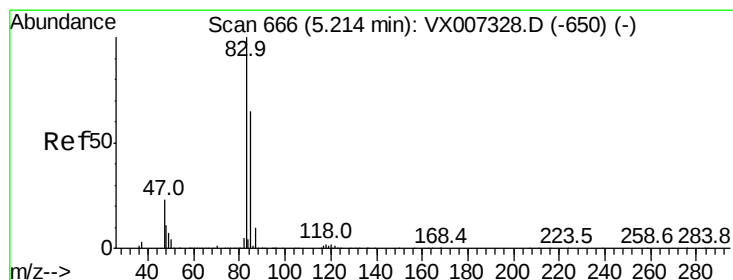
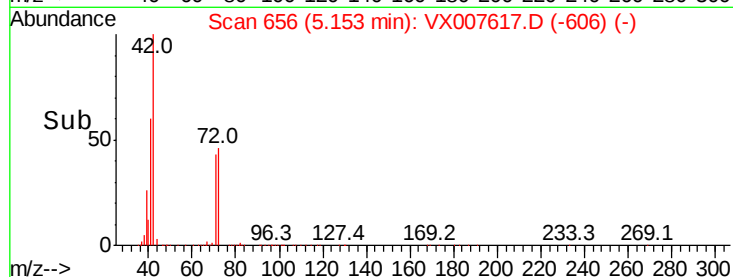
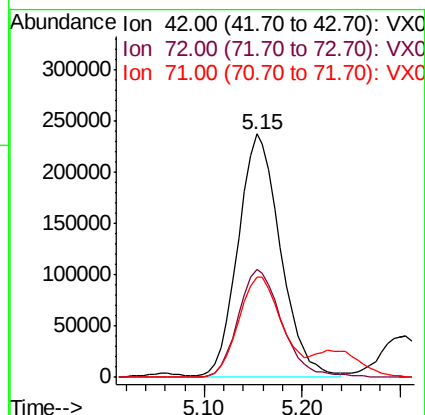
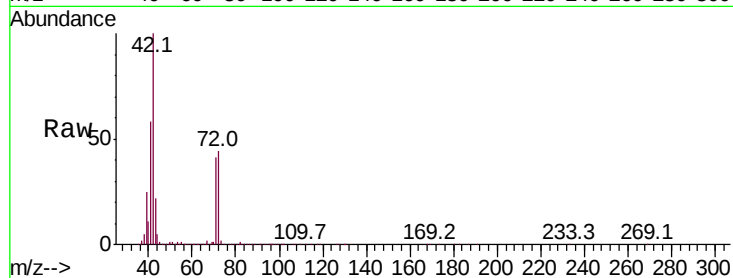




#29
Tetrahydrofuran
Concen: 274.273 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.01 min
Lab File: VX007617.D
Acq: 19 Feb 2019 16:57

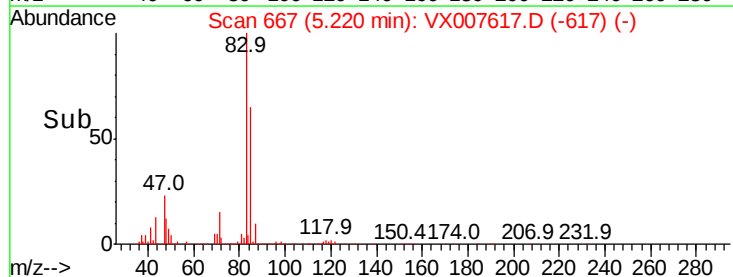
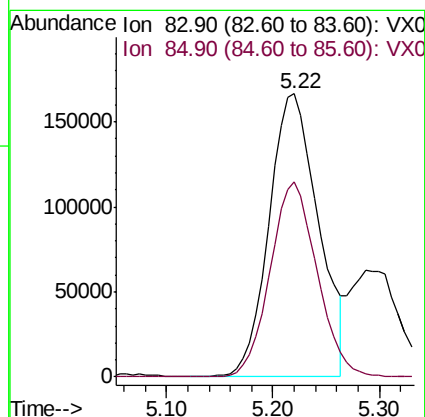
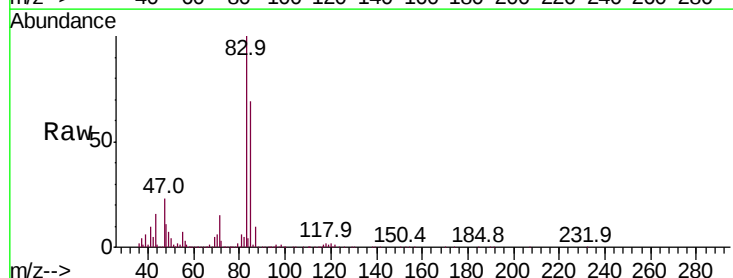
Instrument :
MSVOA_X
ClientSampleId :
MW-1MSD

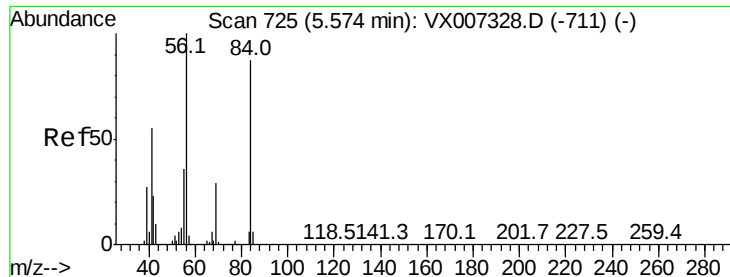
Tot Ion: 42 Resp: 711556
Ion Ratio Lower Upper
42 100
72 45.8 37.6 56.4
71 42.2 34.6 51.8



#30
Chloroform
Concen: 52.224 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX007617.D
Acq: 19 Feb 2019 16:57

Tgt Ion: 83 Resp: 533897
Ion Ratio Lower Upper
83 100
85 68.9 51.6 77.4

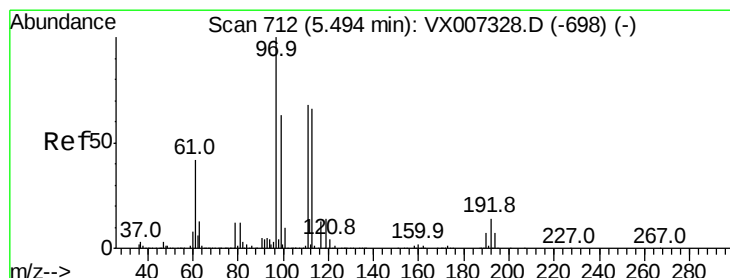
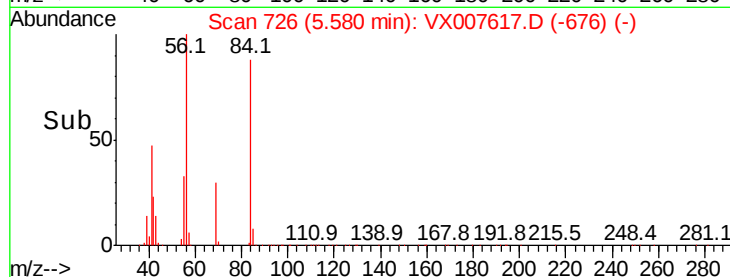
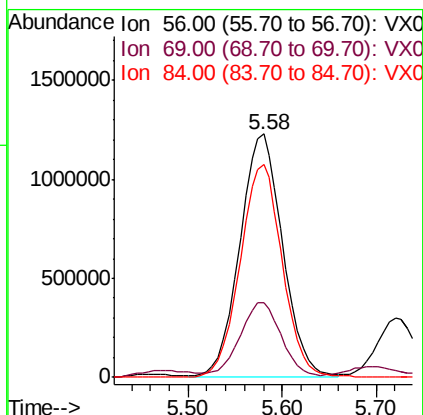
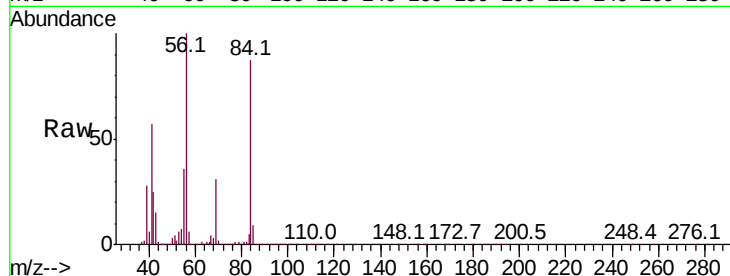




#31
Cyclohexane
Concen: 444.853 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX007617.D
Acq: 19 Feb 2019 16:57

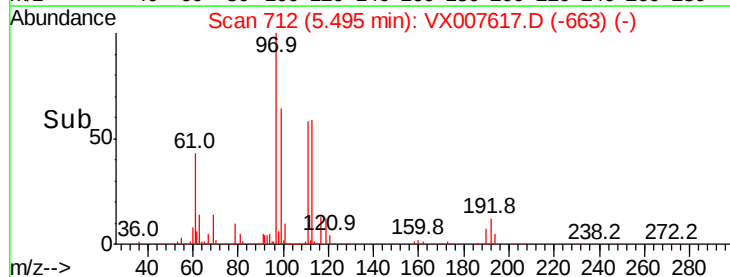
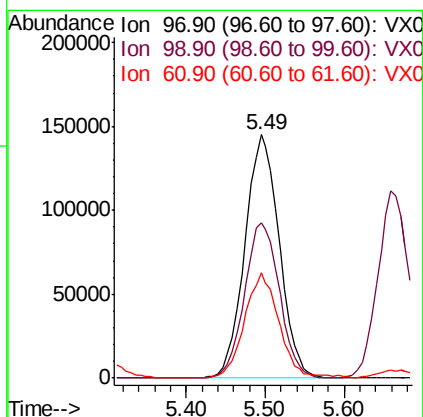
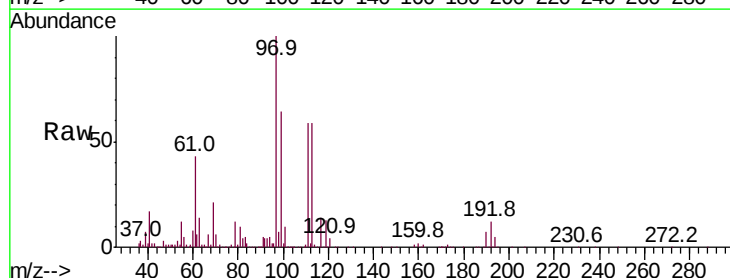
Instrument :
MSVOA_X
ClientSampleId :
MW-1MSD

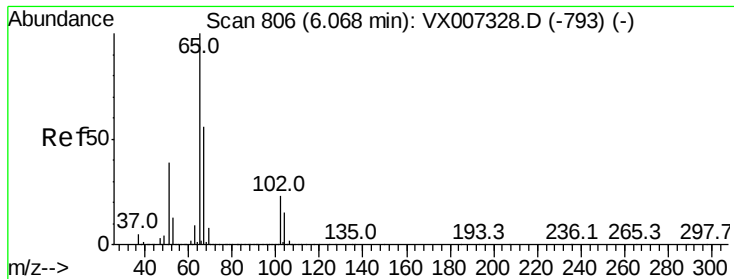
Tot Ion: 56 Resp: 3914312
Ion Ratio Lower Upper
56 100
69 28.9 23.0 34.6
84 87.6 69.8 104.6



#32
1,1,1-Trichloroethane
Concen: 50.759 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX007617.D
Acq: 19 Feb 2019 16:57

Tgt Ion: 97 Resp: 438018
Ion Ratio Lower Upper
97 100
99 65.1 52.2 78.2
61 42.7 32.7 49.1





#33

1,2-Dichloroethane-d4

Concen: 53.537 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007617.D

Acq: 19 Feb 2019 16:57

Instrument :

MSVOA_X

ClientSampleId :

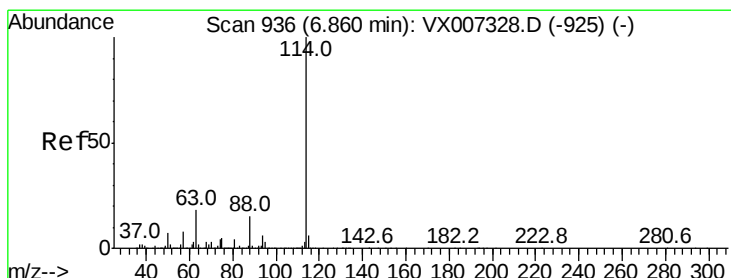
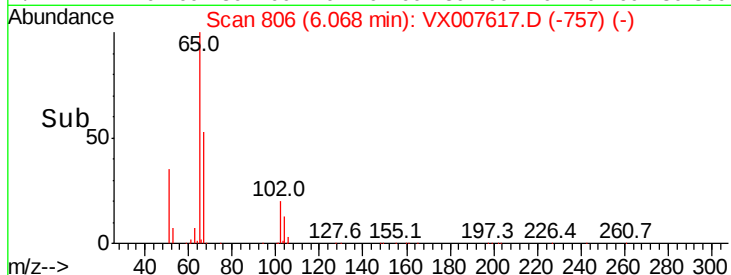
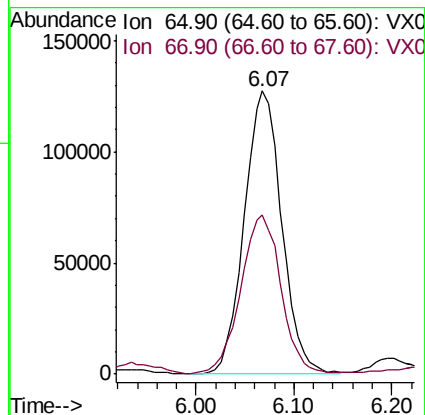
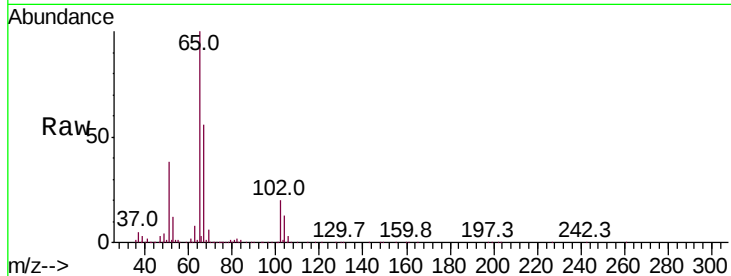
MW-1MSD

Tot Ion: 65 Resp: 338765

Ion Ratio Lower Upper

65 100

67 59.7 0.0 108.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007617.D

Acq: 19 Feb 2019 16:57

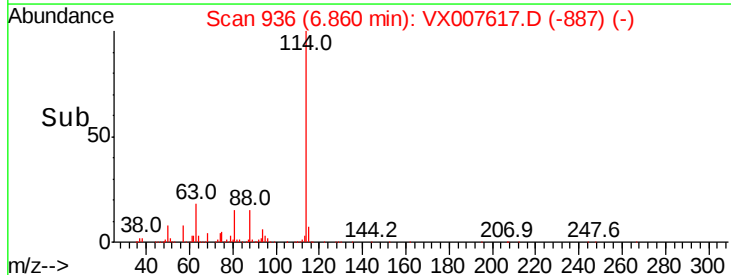
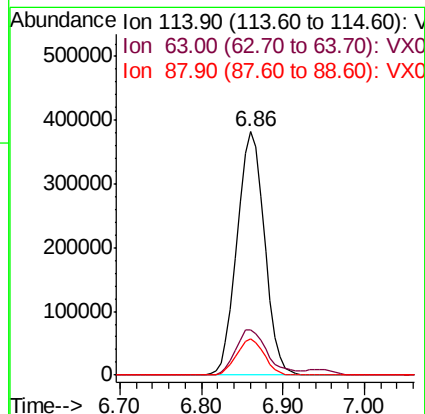
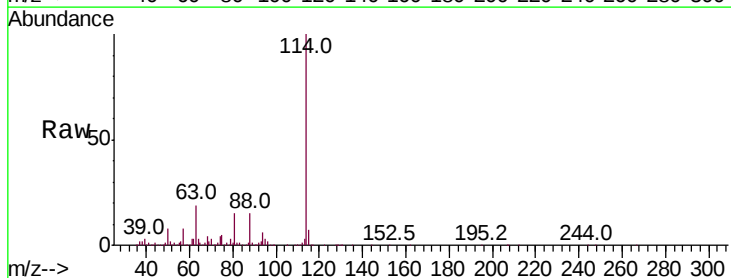
Tgt Ion: 114 Resp: 888936

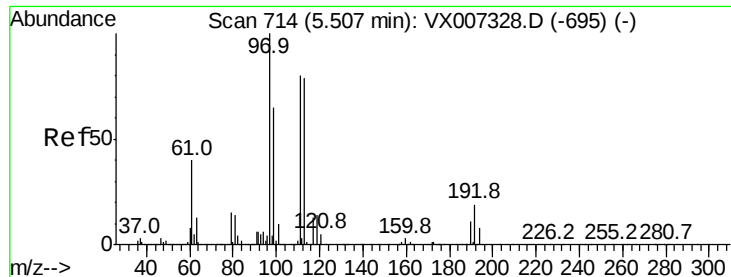
Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.6

88 14.9 0.0 29.6





#35

Dibromofluoromethane

Concen: 49.130 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.00 min

Lab File: VX007617.D

Acq: 19 Feb 2019 16:57

Instrument :

MSVOA_X

ClientSampleId :

MW-1MSD

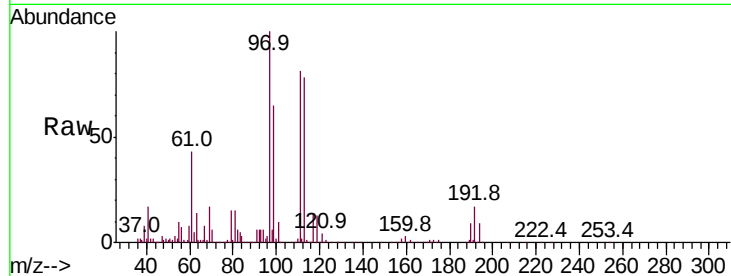
Tot Ion:113 Resp: 284166

Ion Ratio Lower Upper

113 100

111 102.4 81.8 122.8

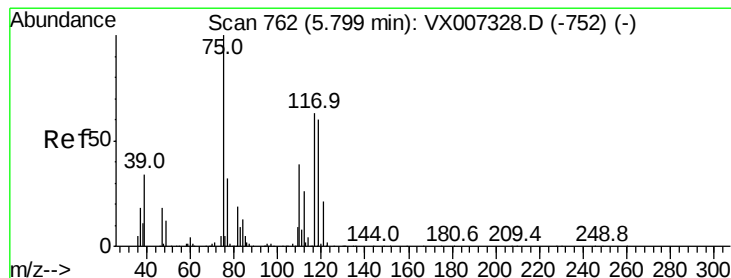
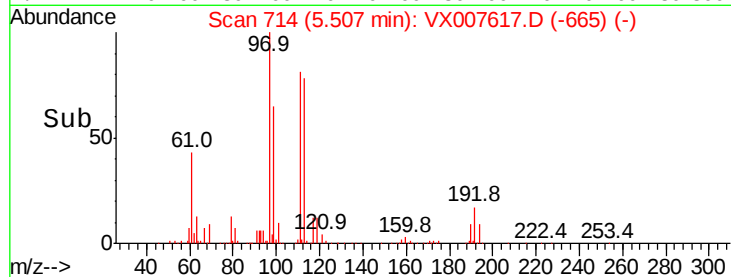
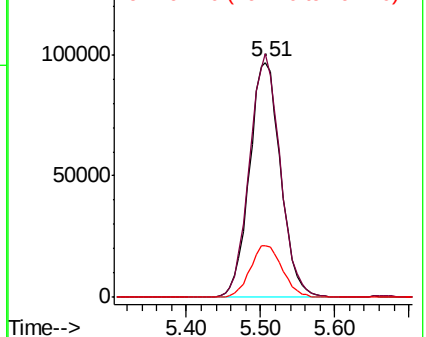
192 22.8 18.5 27.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 44.648 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX007617.D

Acq: 19 Feb 2019 16:57

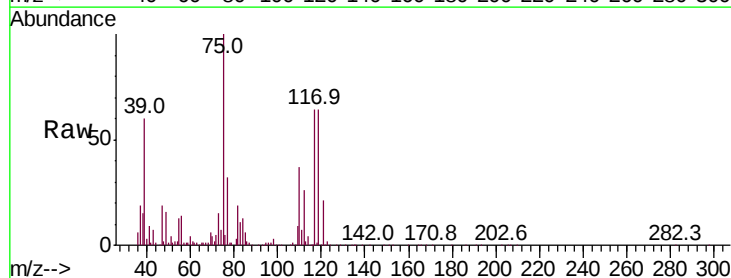
Tgt Ion: 75 Resp: 356106

Ion Ratio Lower Upper

75 100

110 37.3 20.0 59.9

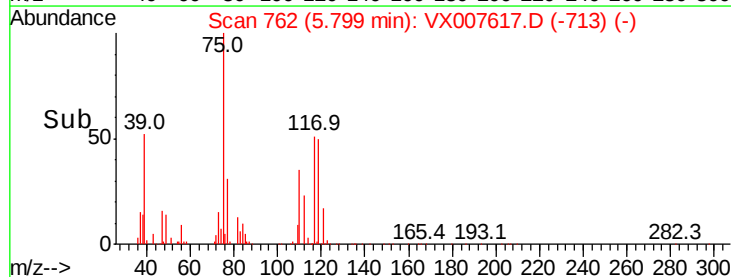
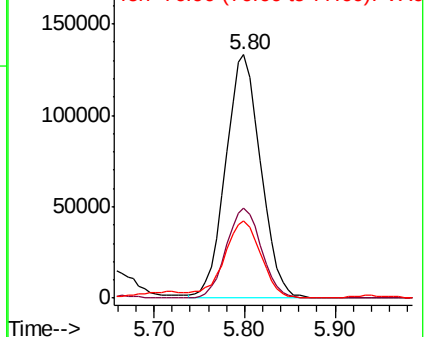
77 33.3 24.7 37.1

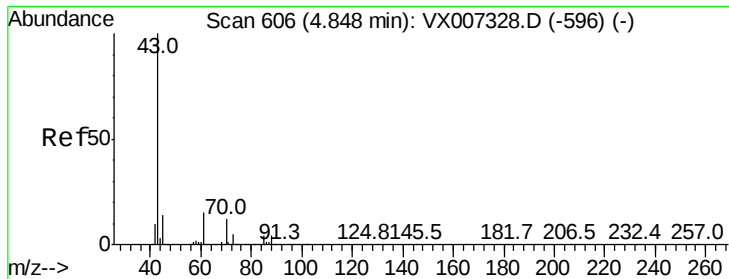


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

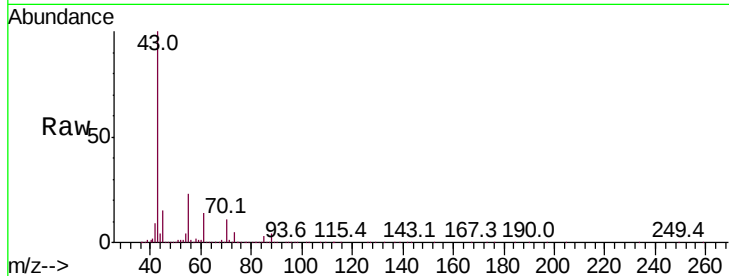




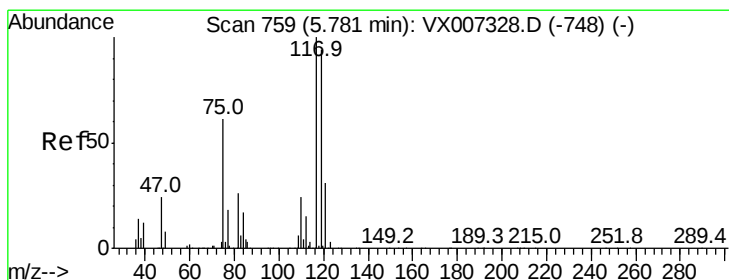
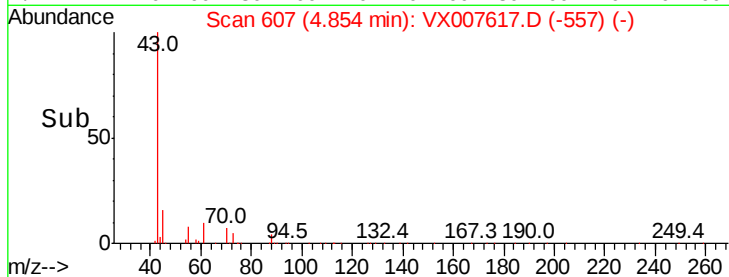
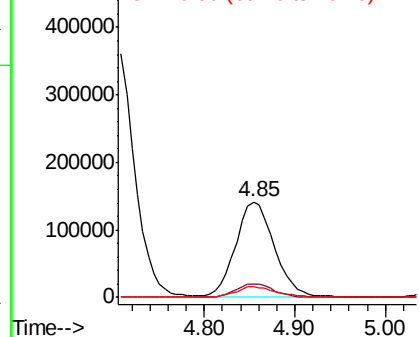
#37
Ethyl Acetate
Concen: 51.608 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX007617.D
Acq: 19 Feb 2019 16:57

Instrument :
MSVOA_X
ClientSampleId :
MW-1MSD

Tot Ion: 43 Resp: 416092
Ion Ratio Lower Upper
43 100
61 13.5 11.3 16.9
70 11.7 8.6 13.0

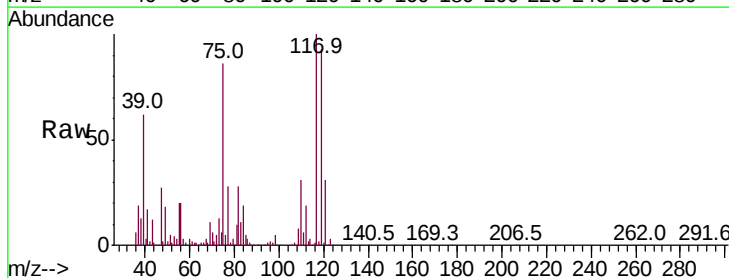


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

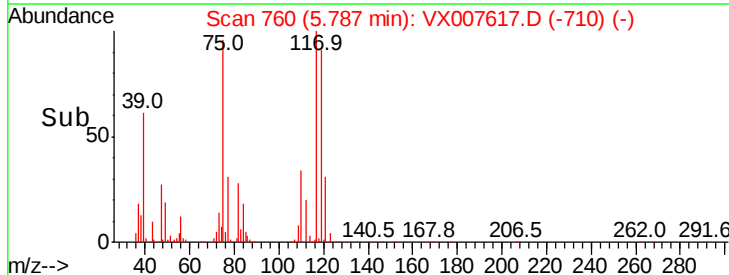
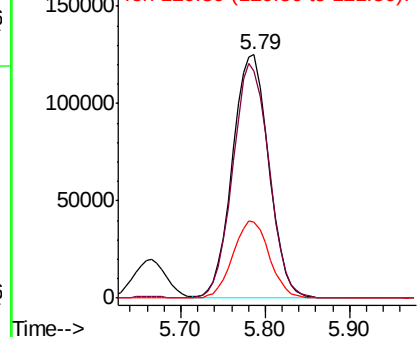


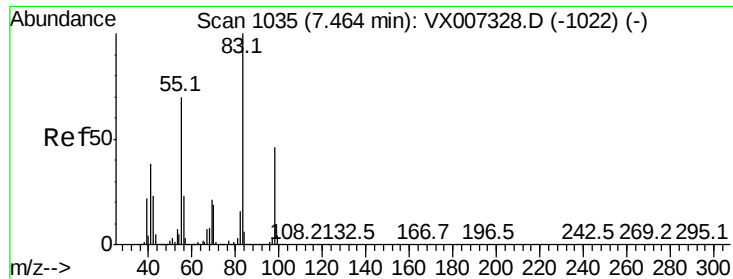
#38
Carbon Tetrachloride
Concen: 47.471 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX007617.D
Acq: 19 Feb 2019 16:57

Tgt Ion: 117 Resp: 367327
Ion Ratio Lower Upper
117 100
119 93.1 75.3 112.9
121 31.3 25.0 37.4



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V



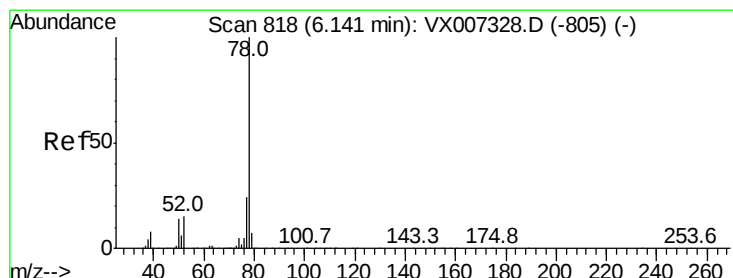
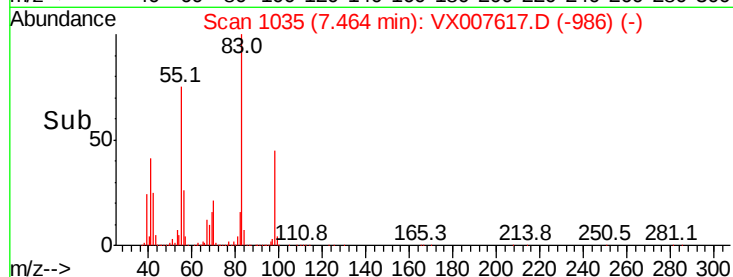
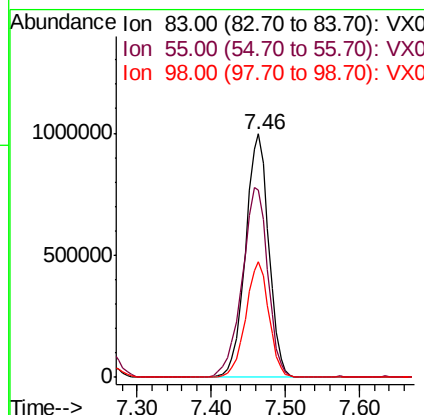
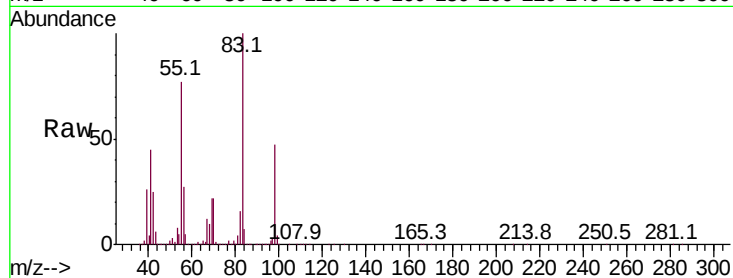


#39
Methvlcvclohexane
Concen: 225.453 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX007617.D
Acq: 19 Feb 2019 16:57

Instrument :
MSVOA_X
ClientSampleId :
MW-1MSD

Tot Ion: 83 Resp: 2175623

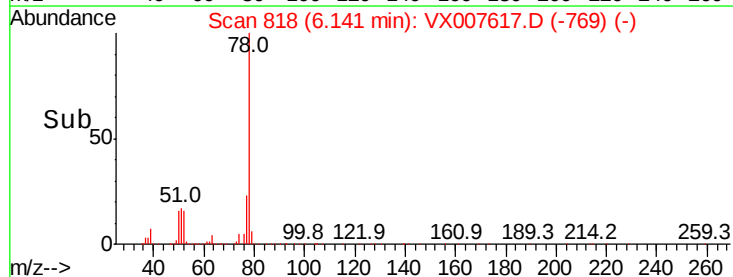
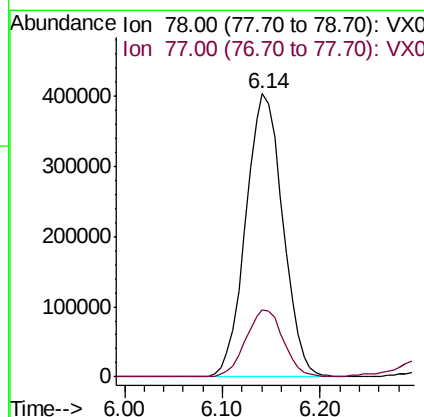
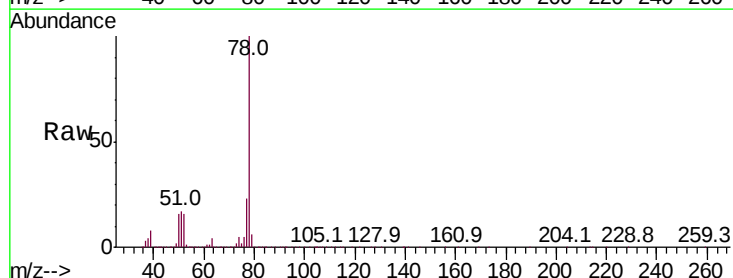
Ion	Ratio	Lower	Upper
83	100		
55	76.8	56.2	84.2
98	47.3	36.8	55.2

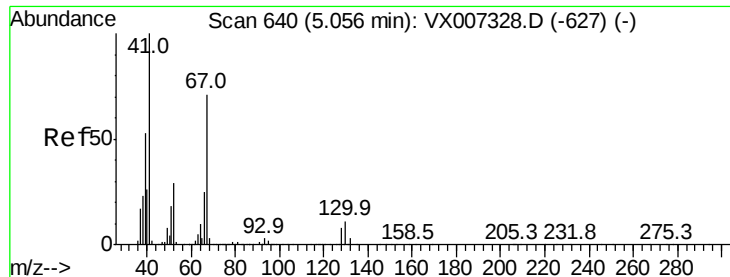


#40
Benzene
Concen: 45.183 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007617.D
Acq: 19 Feb 2019 16:57

Tgt Ion: 78 Resp: 1061566

Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.3	28.9

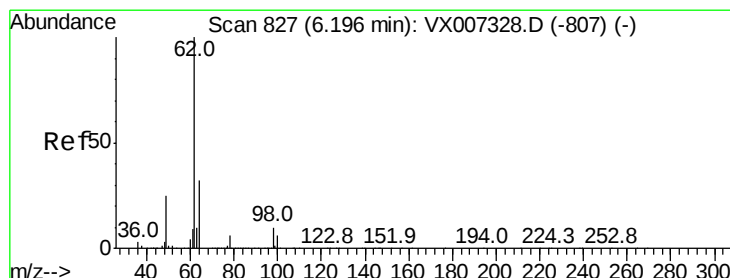
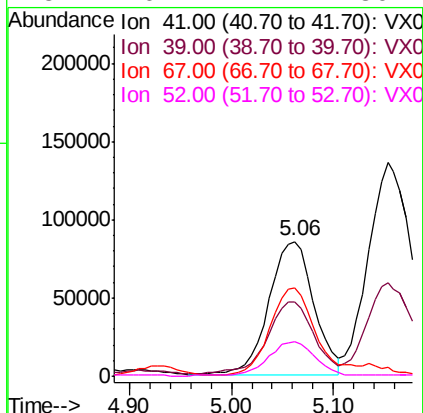
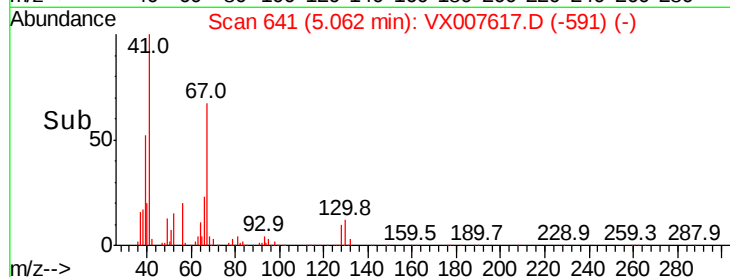
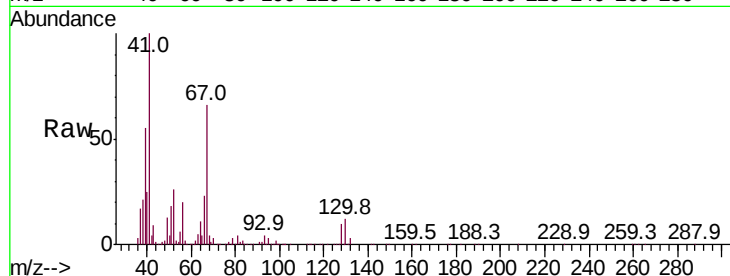




#41
Methacrylonitrile
Concen: 60.088 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX007617.D
Acq: 19 Feb 2019 16:57

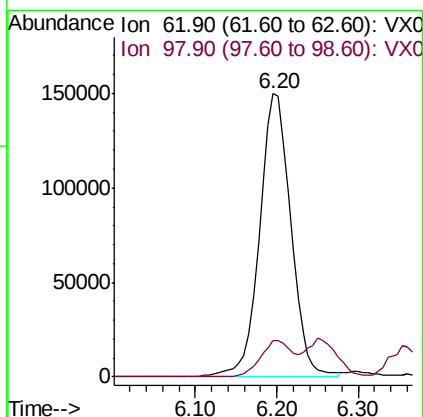
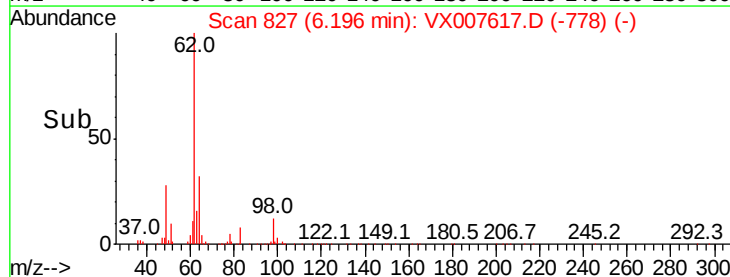
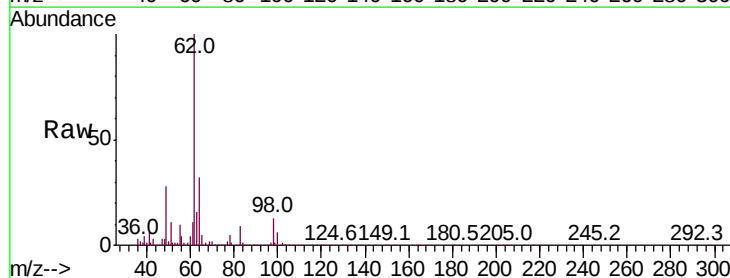
Instrument :
MSVOA_X
ClientSampleId :
MW-1MSD

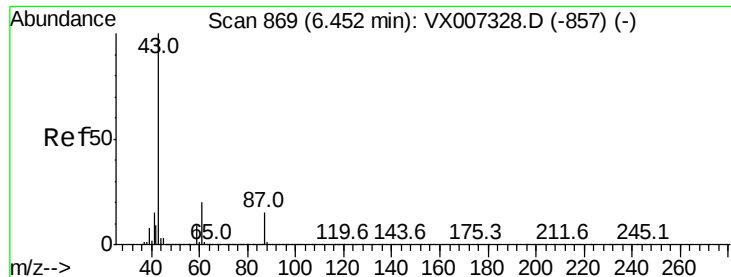
Tot Ion:	41	Resp:	259649
Ion	Ratio	Lower	Upper
41	100		
39	56.3	44.5	66.7
67	0.0	60.4	90.6
52	26.2	24.1	36.1



#42
1,2-Dichloroethane
Concen: 49.053 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX007617.D
Acq: 19 Feb 2019 16:57

Tgt Ion:	62	Resp:	398754
Ion	Ratio	Lower	Upper
62	100		
98	13.3	0.0	19.0



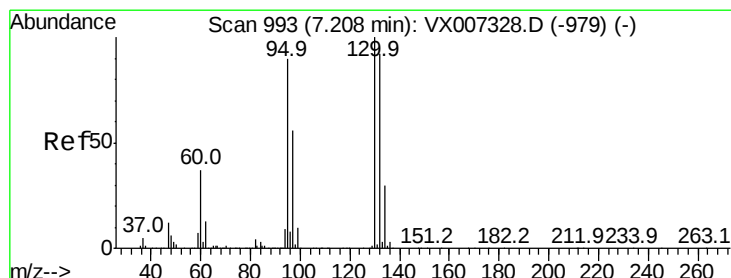
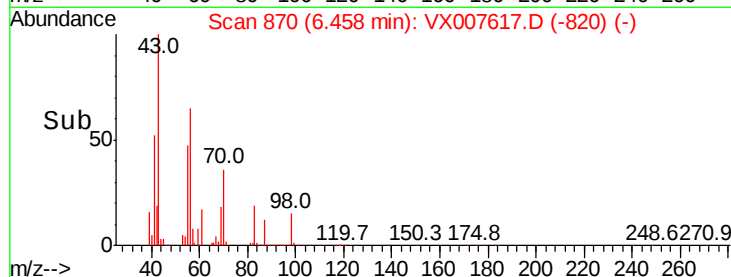
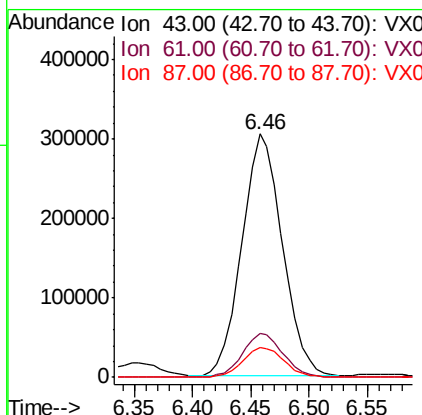
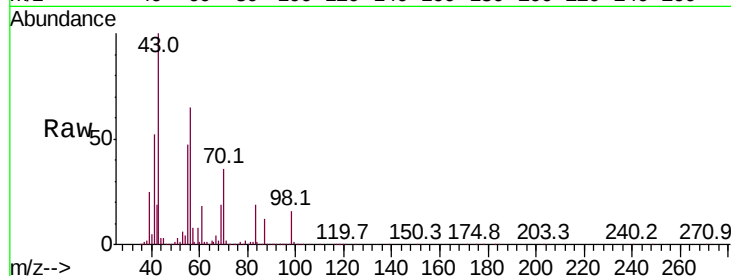


#43

Isopropyl Acetate
 Concen: 59.349 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.01 min
 Lab File: VX007617.D
 Acq: 19 Feb 2019 16:57

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1MSD

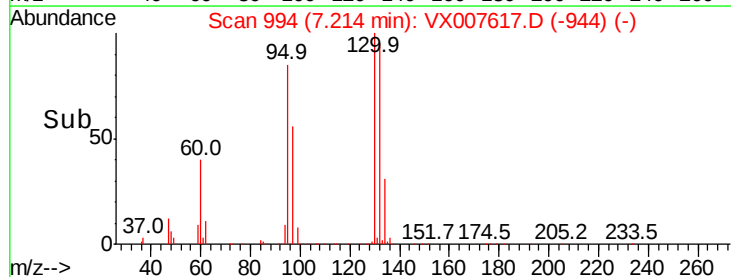
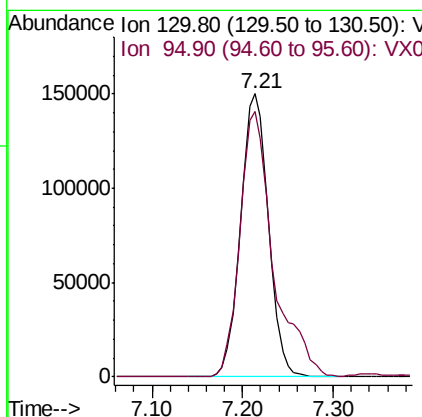
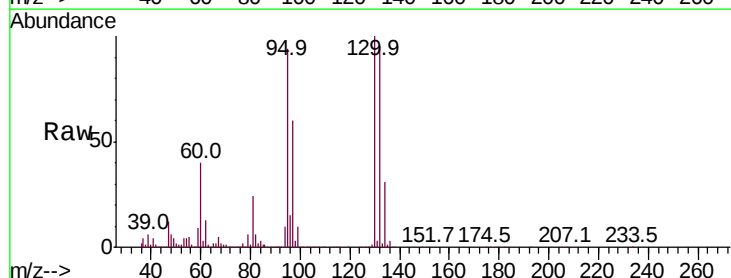
Tot Ion	43	Resp	738586
Ion Ratio	100		
Lower	16.1		
Upper	24.1		
61	18.1		
87	12.7		
	11.5		

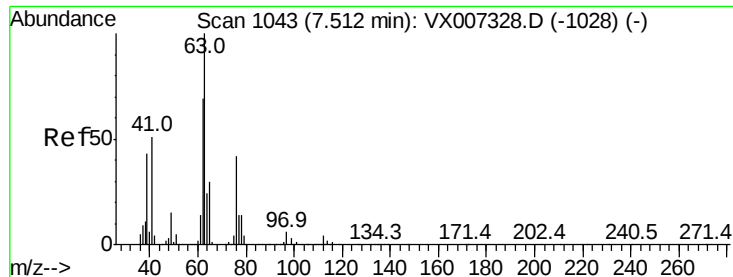


#44

Trichloroethene
 Concen: 44.961 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: VX007617.D
 Acq: 19 Feb 2019 16:57

Tgt Ion	130	Resp	318148
Ion Ratio	100		
Lower	0.0		
Upper	180.0		
95	93.8		





#45

1,2-Dichloropropane

Concen: 49.445 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX007617.D

Acq: 19 Feb 2019 16:57

Instrument :

MSVOA_X

ClientSampleId :

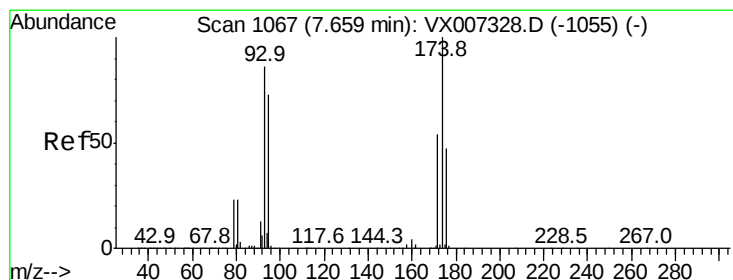
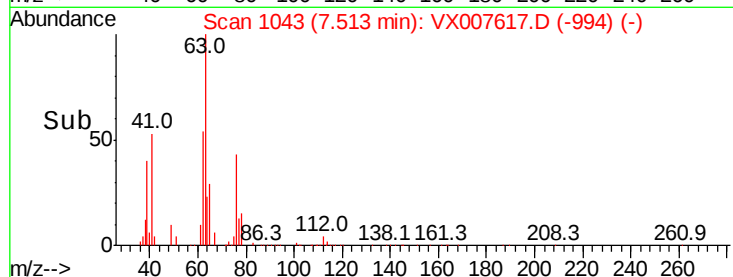
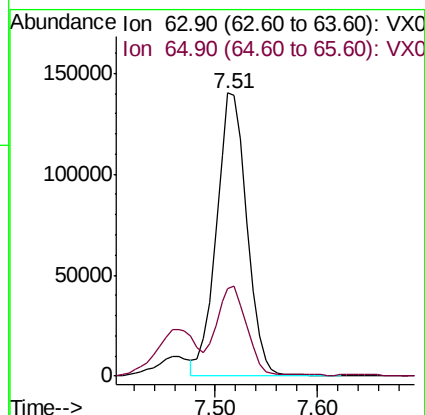
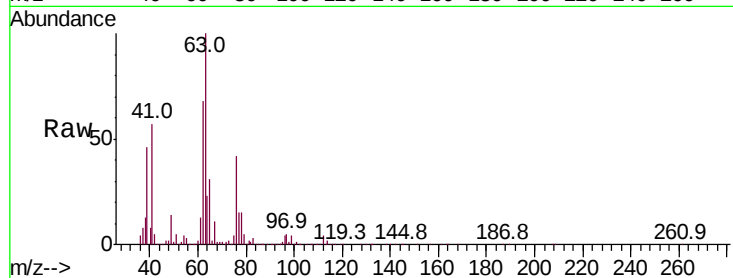
MW-1MSD

Tot Ion: 63 Resp: 291063

Ion Ratio Lower Upper

63 100

65 30.7 24.2 36.2



#46

Dibromomethane

Concen: 46.511 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX007617.D

Acq: 19 Feb 2019 16:57

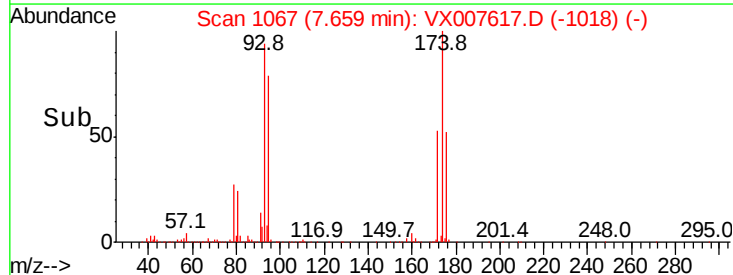
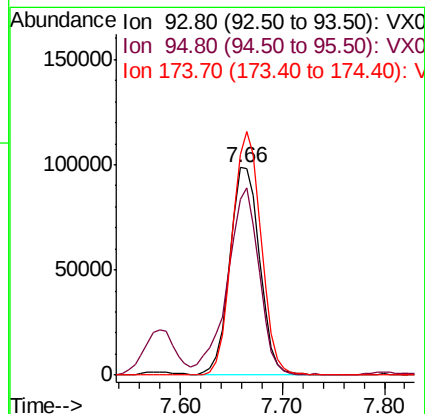
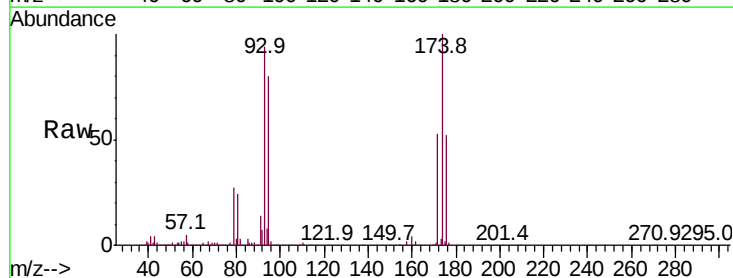
Tgt Ion: 93 Resp: 198996

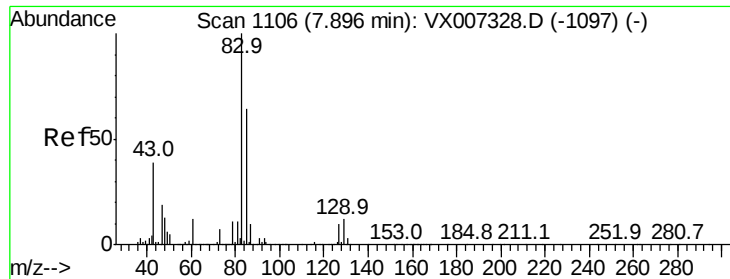
Ion Ratio Lower Upper

93 100

95 95.4 67.6 101.4

174 113.5 94.2 141.4





#47

Bromodichloromethane

Concen: 50.770 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007617.D

Acq: 19 Feb 2019 16:57

Instrument :

MSVOA_X

ClientSampleId :

MW-1MSD

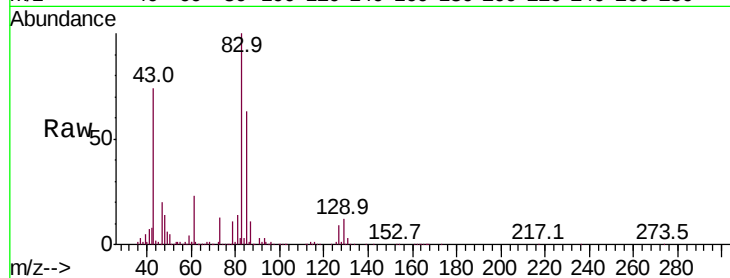
Tot Ion: 83 Resp: 368128

Ion Ratio Lower Upper

83 100

85 63.7 51.4 77.0

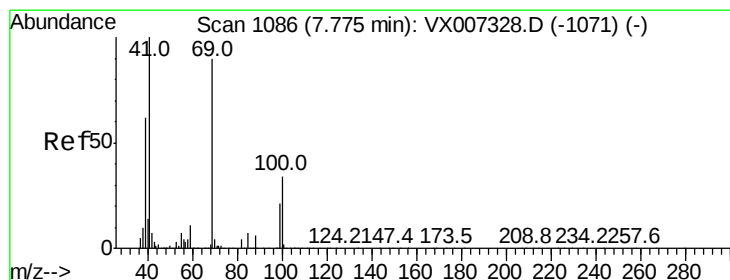
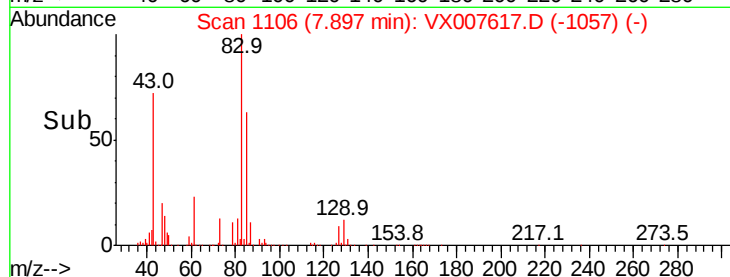
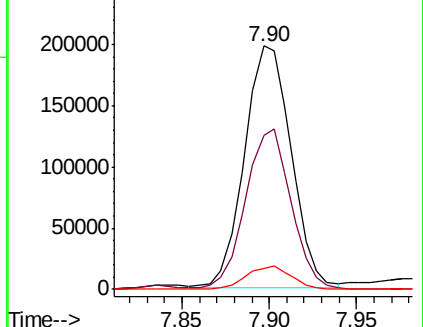
127 8.9 8.1 12.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 55.728 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX007617.D

Acq: 19 Feb 2019 16:57

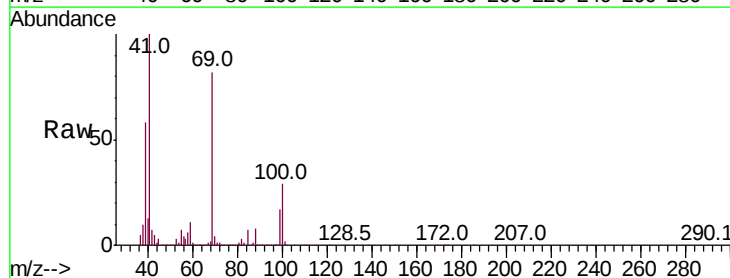
Tgt Ion: 41 Resp: 346894

Ion Ratio Lower Upper

41 100

69 81.0 70.2 105.4

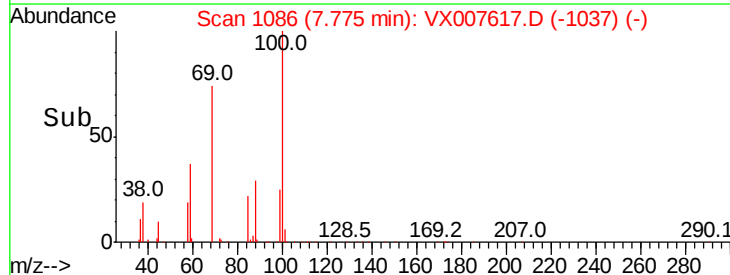
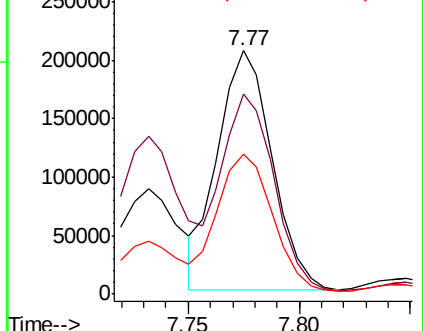
39 58.9 47.4 71.0

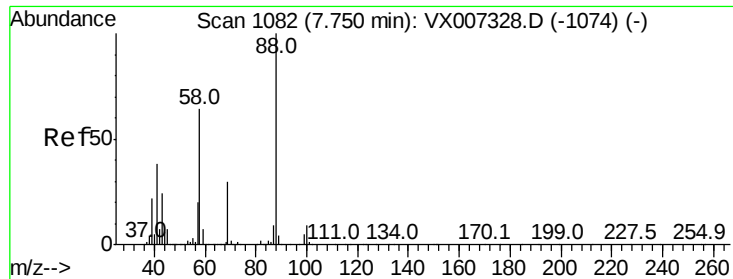


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

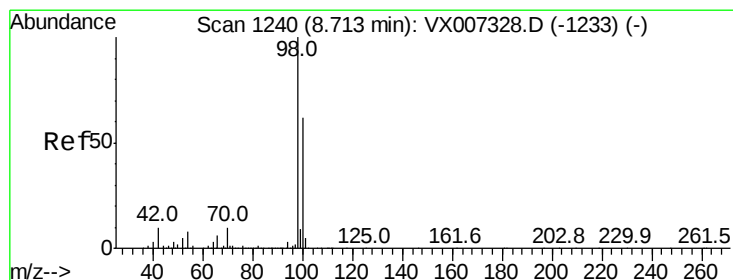
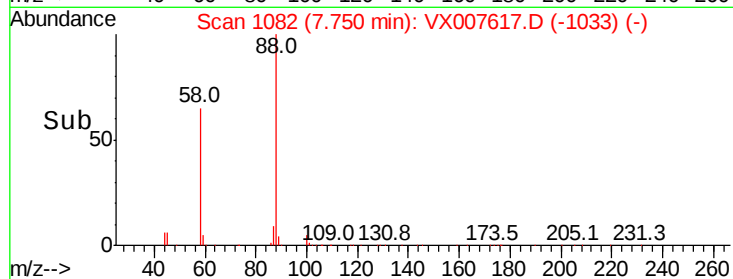
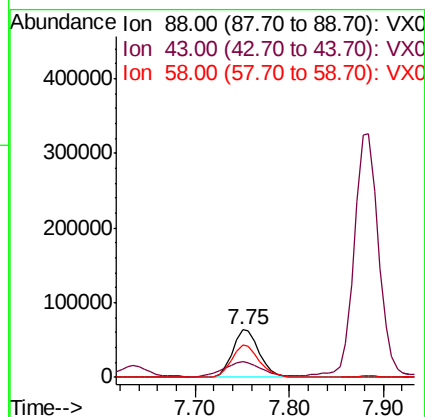
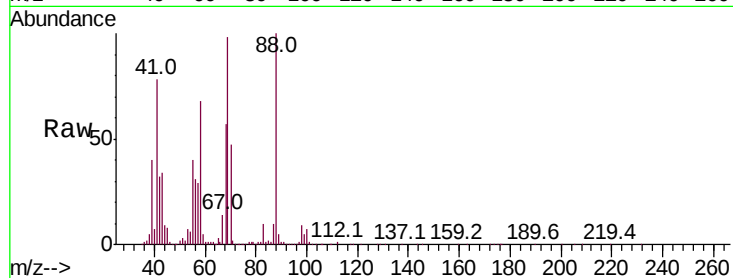




#49
1,4-Dioxane
Concen: 893.359 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX007617.D
Acq: 19 Feb 2019 16:57

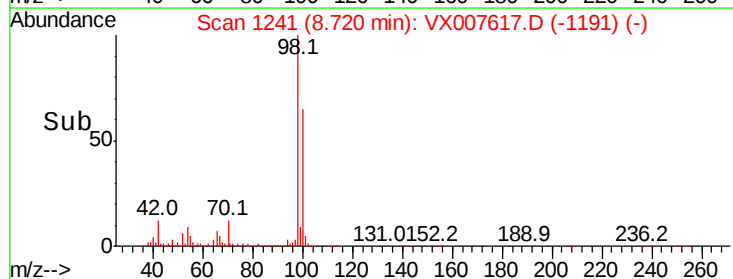
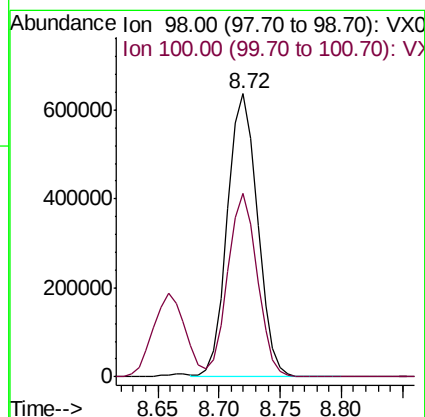
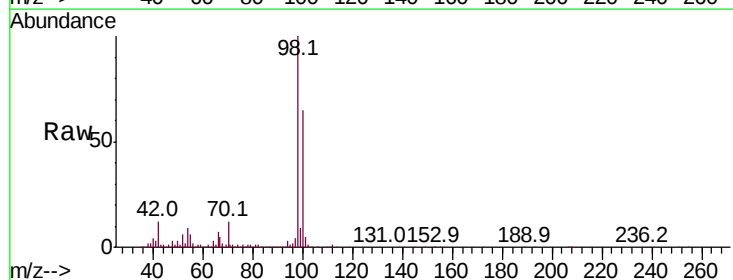
Instrument :
MSVOA_X
ClientSampleId :
MW-1MSD

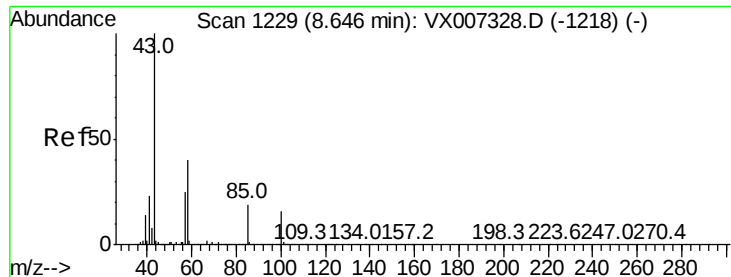
Tot Ion: 88 Resp: 126363
Ion Ratio Lower Upper
88 100
43 41.6 24.2 36.4#
58 68.8 53.0 79.4



#50
Toluene-d8
Concen: 50.582 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VX007617.D
Acq: 19 Feb 2019 16:57

Tgt Ion: 98 Resp: 1085460
Ion Ratio Lower Upper
98 100
100 63.2 51.6 77.4

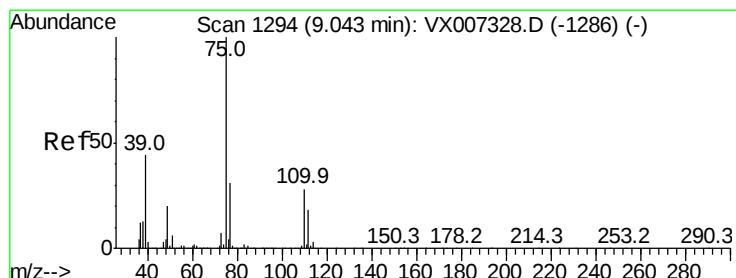
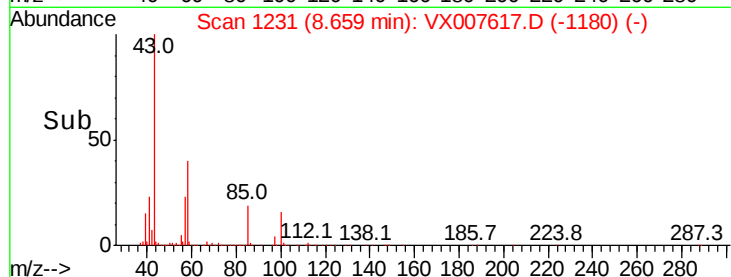
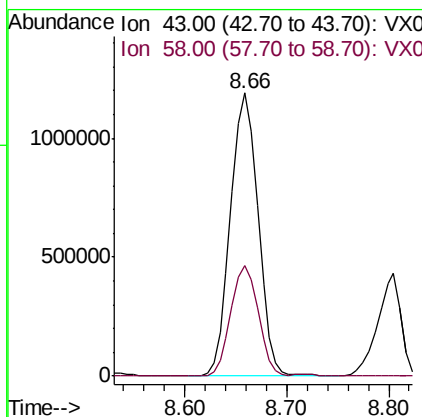
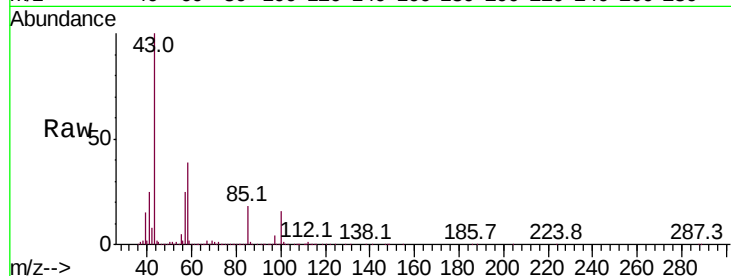




#51
4-Methyl-2-Pentanone
Concen: 272.263 ug/l
RT: 8.66 min Scan# 1231
Delta R.T. 0.01 min
Lab File: VX007617.D
Acq: 19 Feb 2019 16:57

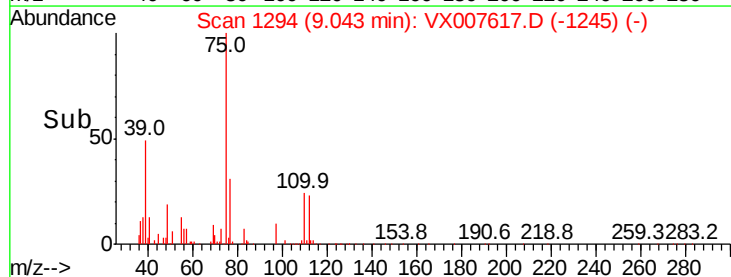
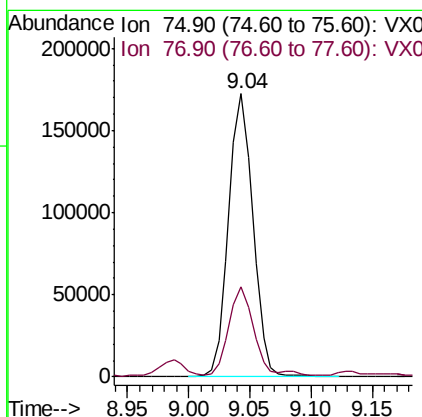
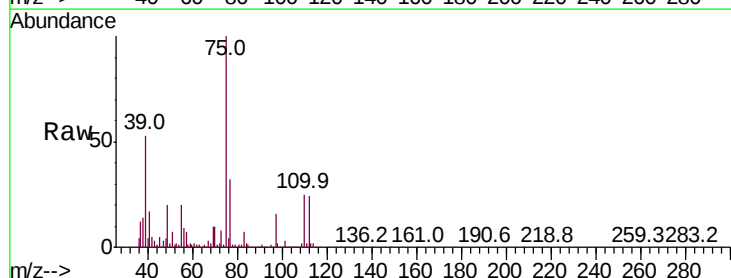
Instrument :
MSVOA_X
ClientSampleId :
MW-1MSD

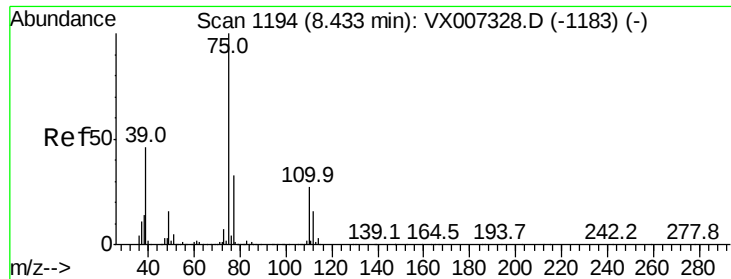
Tot Ion: 43 Resp: 2230502
Ion Ratio Lower Upper
43 100
58 39.0 31.2 46.8



#53
t-1,3-Dichloropropene
Concen: 30.441 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX007617.D
Acq: 19 Feb 2019 16:57

Tgt Ion: 75 Resp: 237093
Ion Ratio Lower Upper
75 100
77 30.6 25.2 37.8



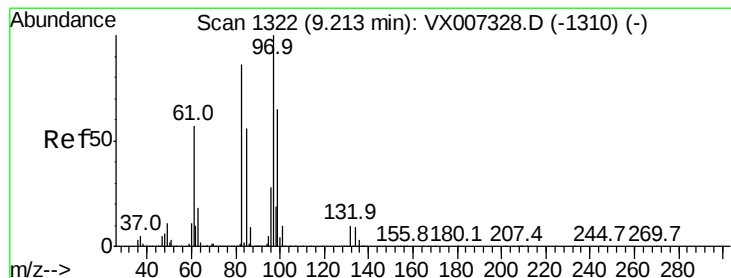
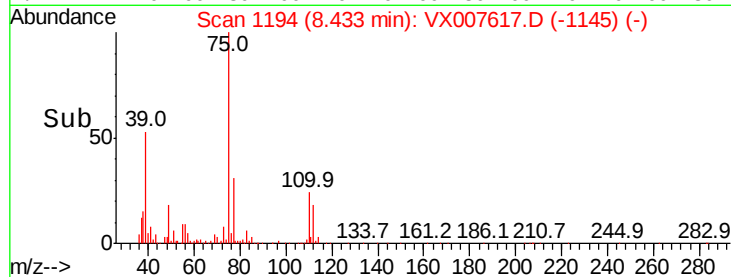
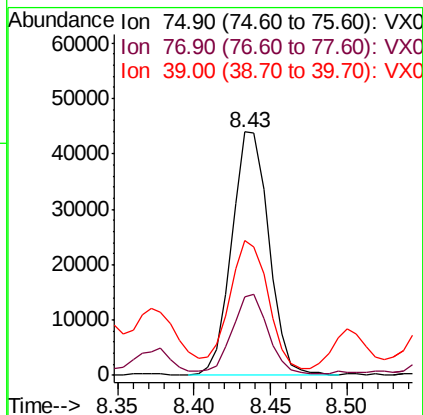
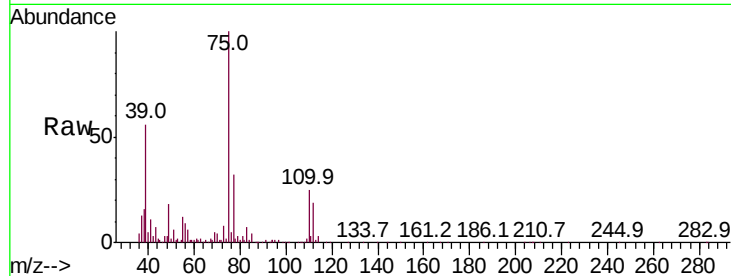


#54

cis-1,3-Dichloropropene
 Concen: 8.577 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX007617.D
 Acq: 19 Feb 2019 16:57

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1MSD

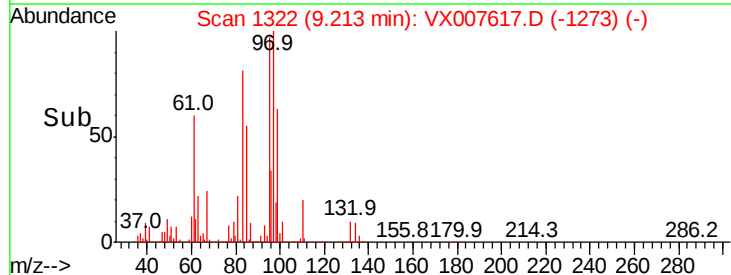
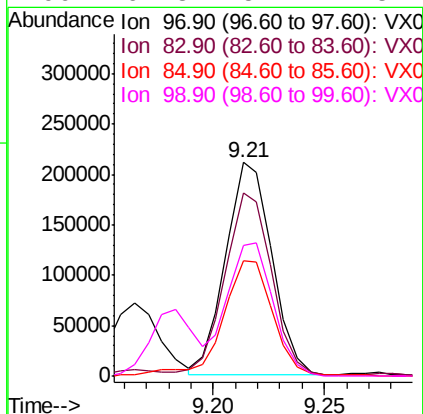
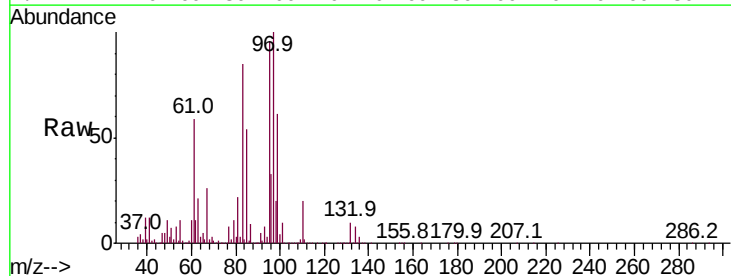
Tot Ion:	75	Resp:	73467
Ion	Ratio	Lower	Upper
75	100		
77	30.9	26.2	39.4
39	45.9	37.1	55.7

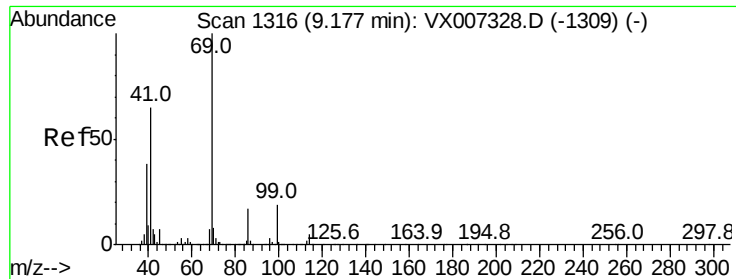


#55

1,1,2-Trichloroethane
 Concen: 47.919 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX007617.D
 Acq: 19 Feb 2019 16:57

Tgt Ion:	97	Resp:	302784
Ion	Ratio	Lower	Upper
97	100		
83	85.8	68.6	102.8
85	54.0	44.5	66.7
99	61.8	52.2	78.4





#56

Ethyl methacrylate

Concen: 58.444 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. 0.01 min

Lab File: VX007617.D

Acq: 19 Feb 2019 16:57

Instrument :

MSVOA_X

ClientSampleId :

MW-1MSD

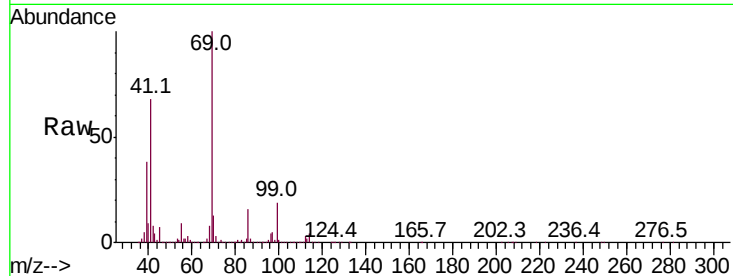
Tot Ion: 69 Resp: 511467

Ion Ratio Lower Upper

69 100

41 72.8 52.1 78.1

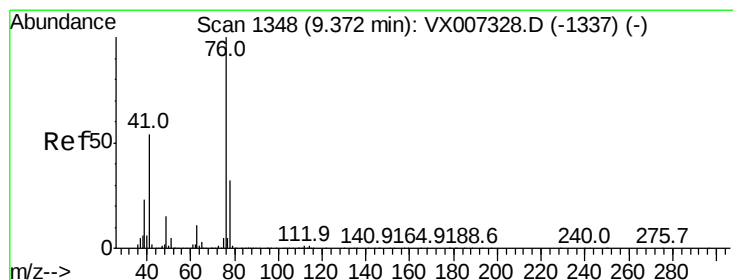
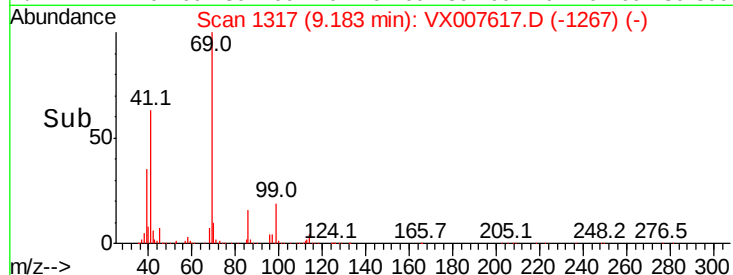
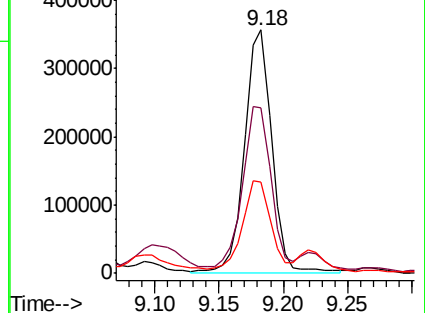
39 38.9 30.1 45.1



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#57

1,3-Dichloropropane

Concen: 49.980 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007617.D

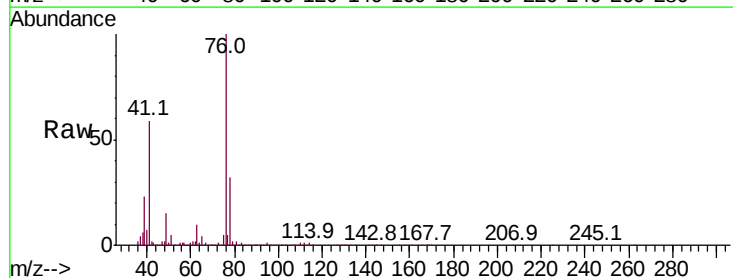
Acq: 19 Feb 2019 16:57

Tgt Ion: 76 Resp: 502228

Ion Ratio Lower Upper

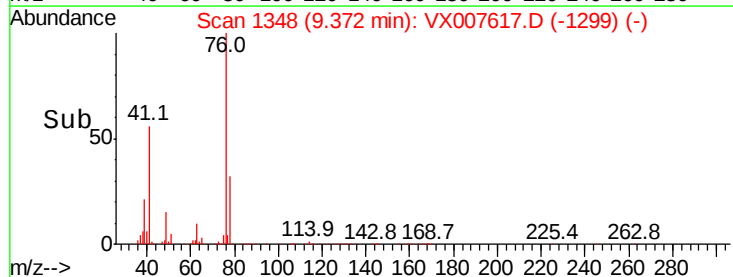
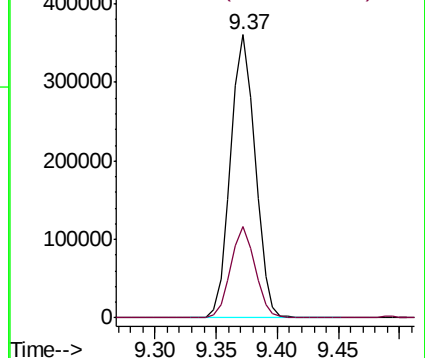
76 100

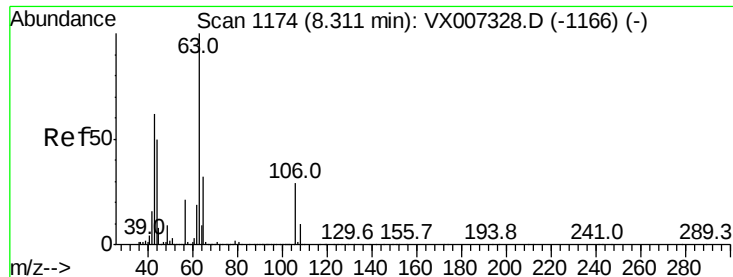
78 31.8 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0





#58

2-Chloroethyl Vinyl ether

Concen: 267.312 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.01 min

Lab File: VX007617.D

Acq: 19 Feb 2019 16:57

Instrument :

MSVOA_X

ClientSampleId :

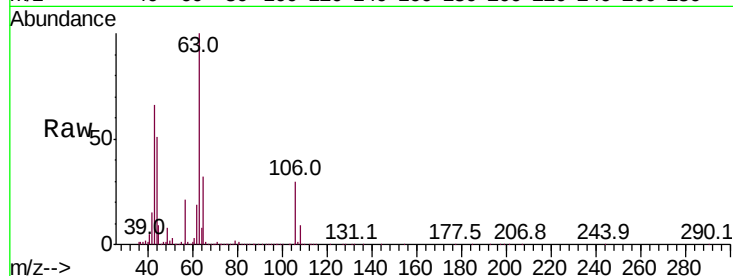
MW-1MSD

Tot Ion: 63 Resp: 1233039

Ion Ratio Lower Upper

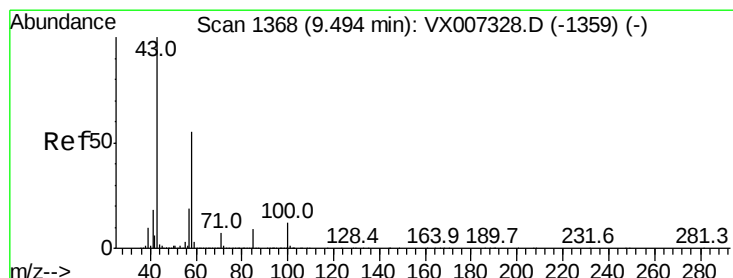
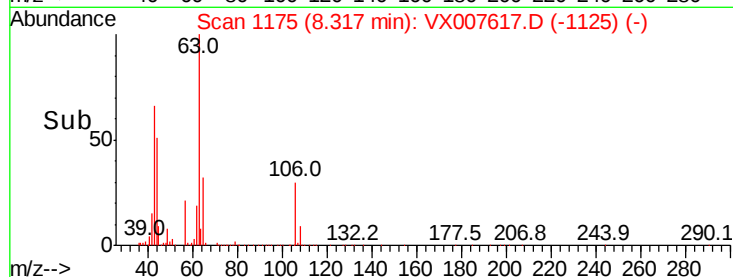
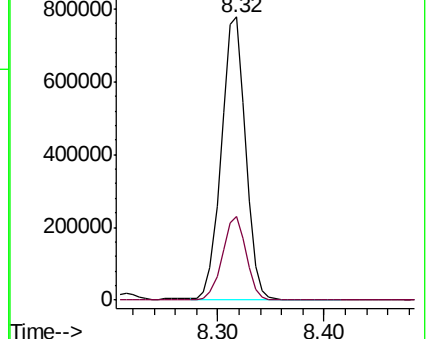
63 100

106 28.9 23.6 35.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V



#59

2-Hexanone

Concen: 267.448 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VX007617.D

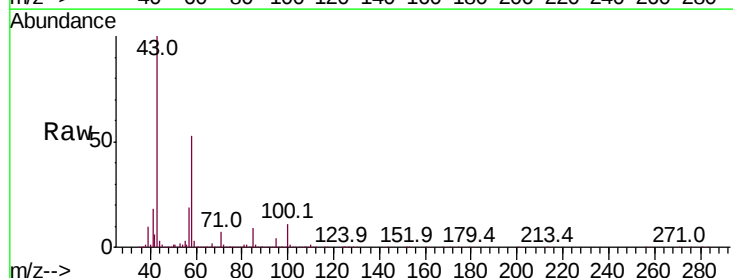
Acq: 19 Feb 2019 16:57

Tgt Ion: 43 Resp: 1705006

Ion Ratio Lower Upper

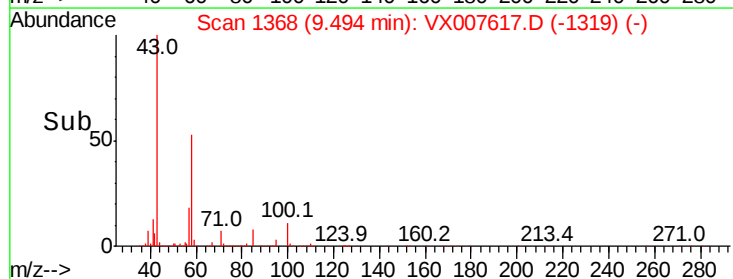
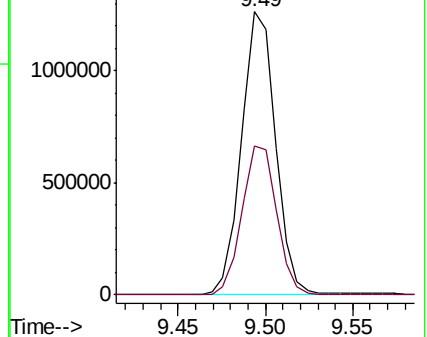
43 100

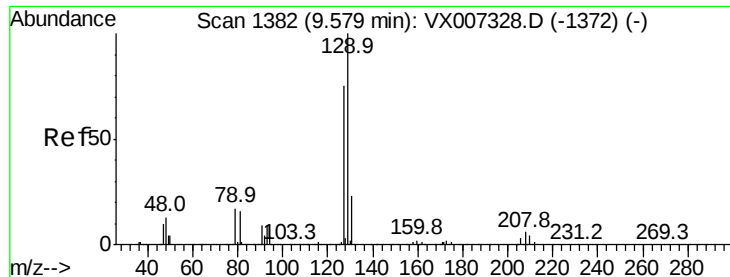
58 54.3 27.1 81.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#60

Dibromochloromethane

Concen: 54.881 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VX007617.D

Acq: 19 Feb 2019 16:57

Instrument :

MSVOA_X

ClientSampleId :

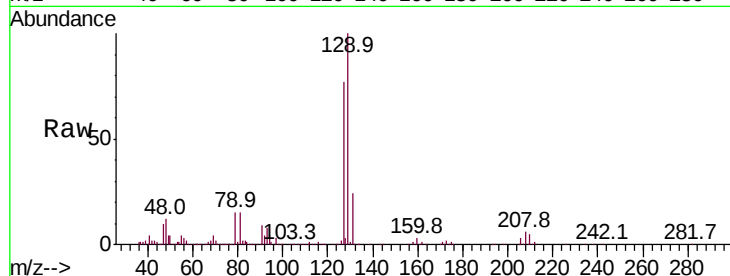
MW-1MSD

Tot Ion:129 Resp: 327970

Ion Ratio Lower Upper

129 100

127 77.3 37.8 113.4



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.59

250000

200000

150000

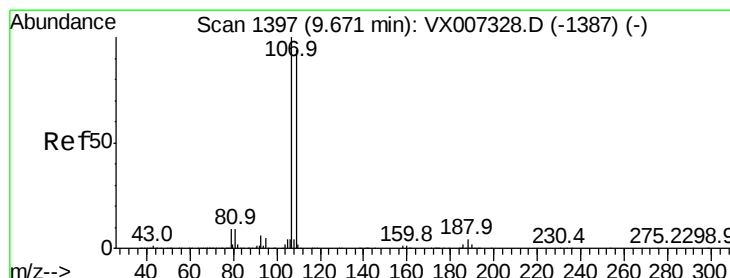
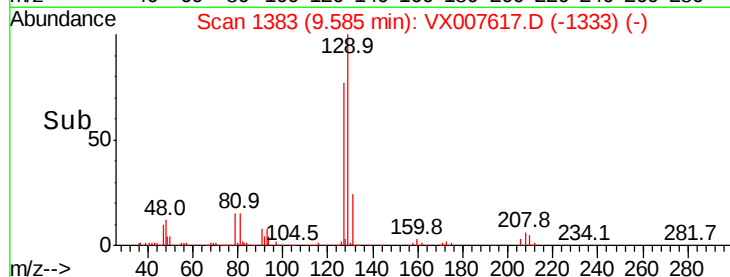
100000

50000

0

Time-->

9.50 9.55 9.60 9.65



#61

1,2-Dibromoethane

Concen: 49.144 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007617.D

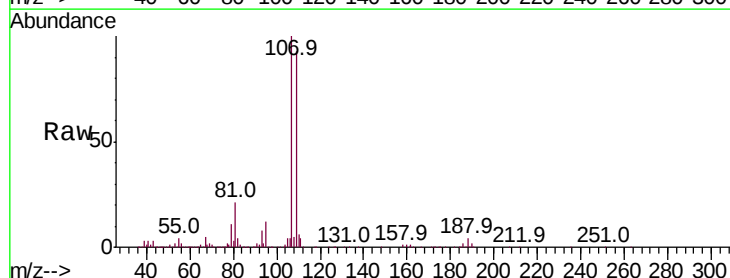
Acq: 19 Feb 2019 16:57

Tgt Ion:107 Resp: 328849

Ion Ratio Lower Upper

107 100

109 95.4 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

250000

200000

150000

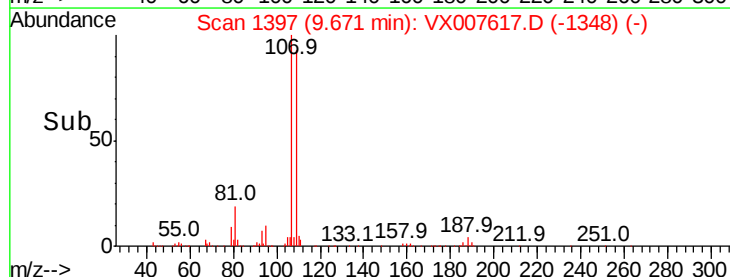
100000

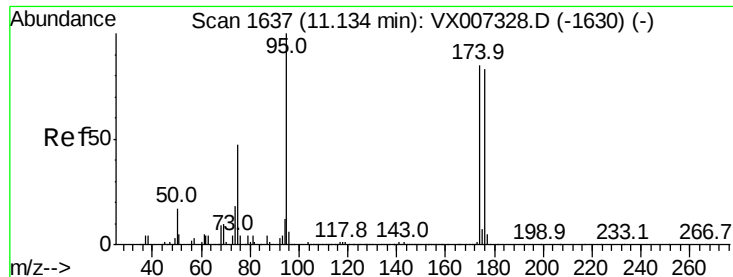
50000

0

Time-->

9.60 9.70 9.80





#62

4-Bromofluorobenzene

Concen: 51.654 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007617.D

Acq: 19 Feb 2019 16:57

Instrument :

MSVOA_X

ClientSampleId :

MW-1MSD

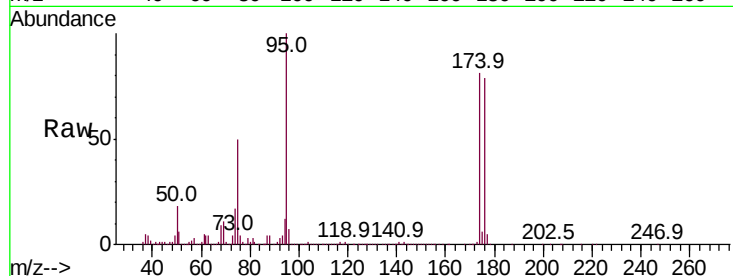
Tot Ion: 95 Resp: 404703

Ion Ratio Lower Upper

95 100

174 88.4 0.0 189.2

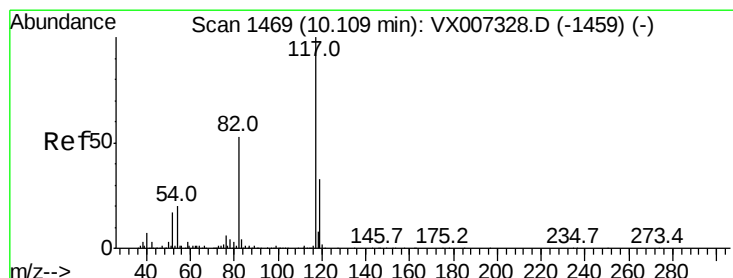
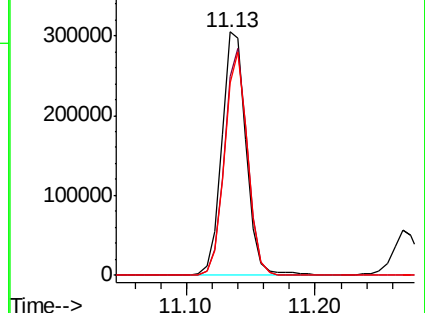
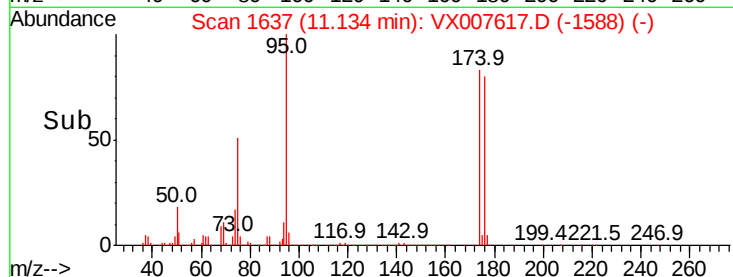
176 86.7 0.0 186.2



Abundance Ion 94.90 (94.60 to 95.60): VX007617.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX007617.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX007617.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX007617.D

Acq: 19 Feb 2019 16:57

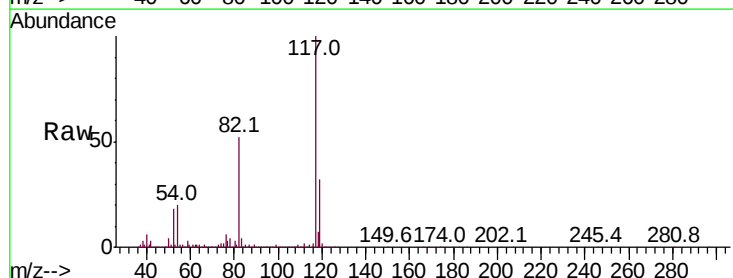
Tgt Ion: 117 Resp: 822041

Ion Ratio Lower Upper

117 100

82 51.9 42.1 63.1

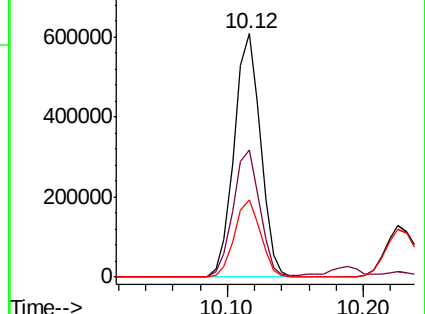
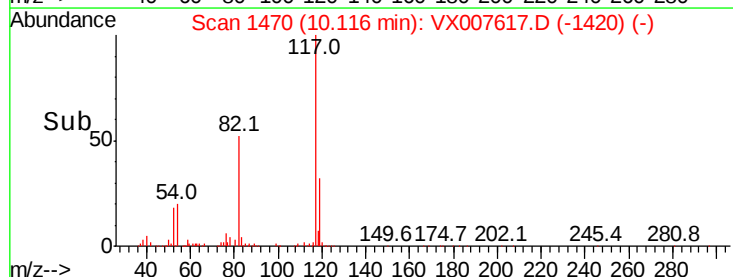
119 31.9 26.5 39.7

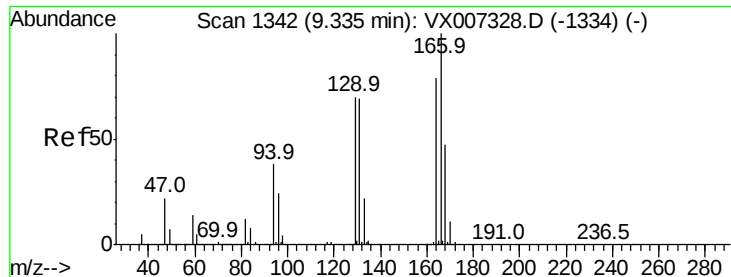


Abundance Ion 116.90 (116.60 to 117.60): VX007617.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX007617.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX007617.D (-1420) (-)





#64

Tetrachloroethene

Concen: 41.725 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX007617.D

Acq: 19 Feb 2019 16:57

Instrument :

MSVOA_X

ClientSampleId :

MW-1MSD

Tot Ion:164 Resp: 323285

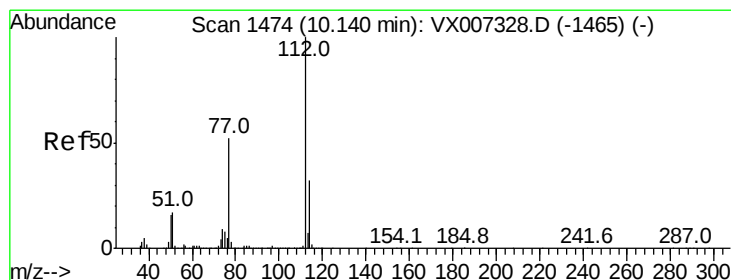
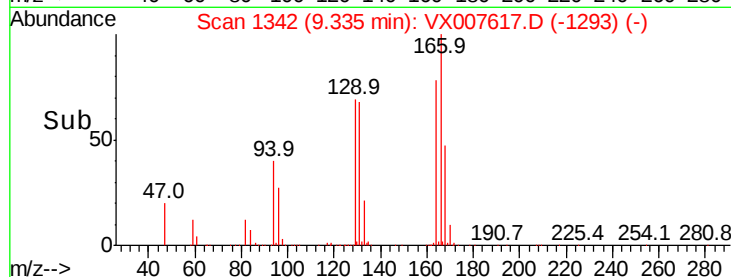
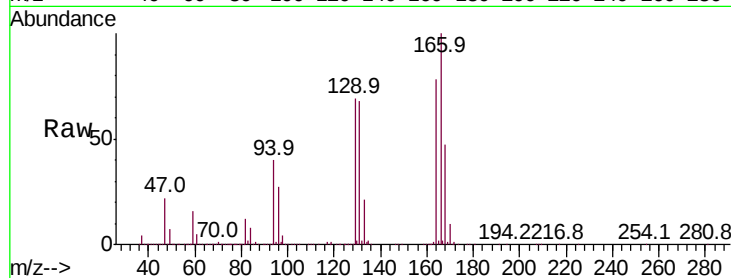
Ion Ratio Lower Upper

164 100

166 127.4 101.0 151.4

129 88.3 70.5 105.7

131 86.6 69.8 104.6



#65

Chlorobenzene

Concen: 45.228 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX007617.D

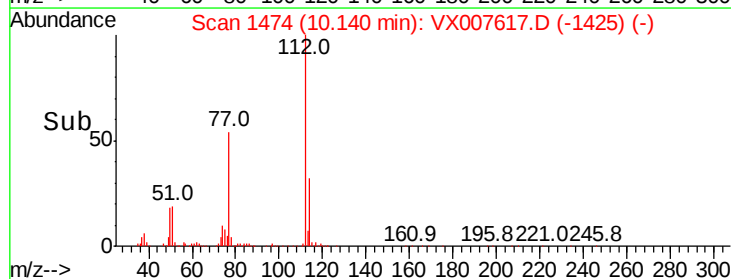
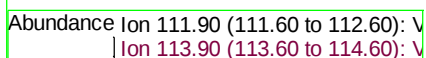
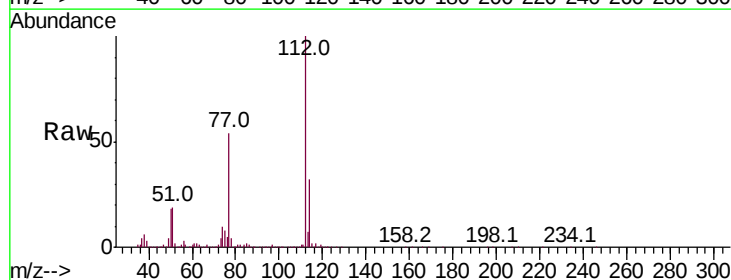
Acq: 19 Feb 2019 16:57

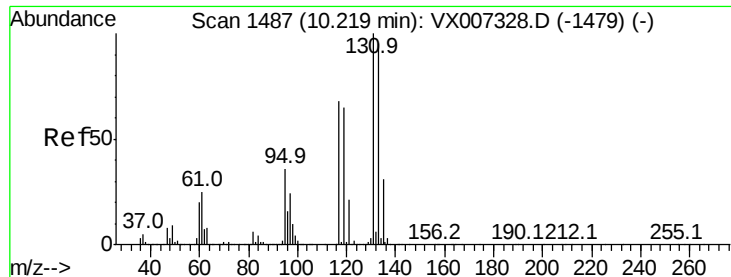
Tgt Ion:112 Resp: 811328

Ion Ratio Lower Upper

112 100

114 32.4 25.8 38.6





#66

1,1,1,2-Tetrachloroethane

Concen: 50.085 ug/l

RT: 10.23 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VX007617.D

Acq: 19 Feb 2019 16:57

Instrument :

MSVOA_X

ClientSampleId :

MW-1MSD

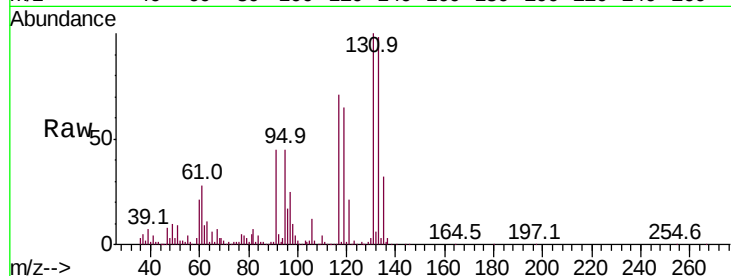
Tot Ion:131 Resp: 301222

Ion Ratio Lower Upper

131 100

133 95.8 48.0 144.2

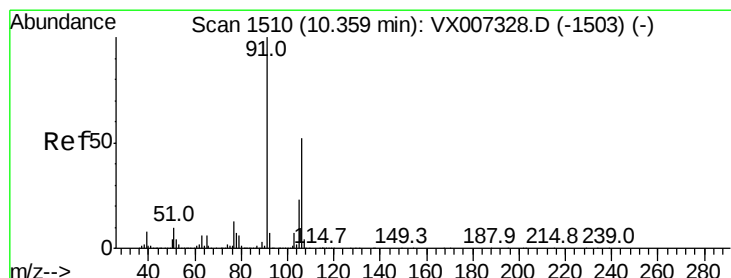
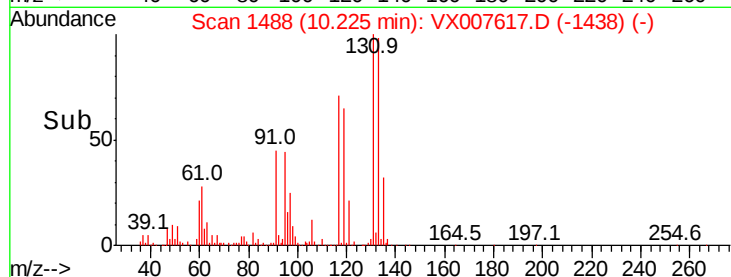
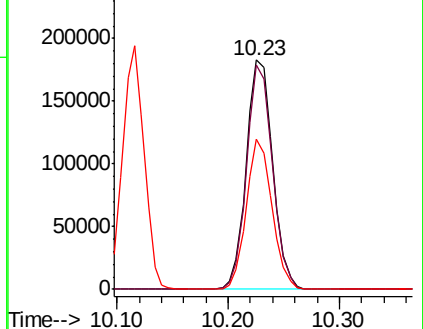
119 64.3 32.0 96.0



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#68

m/p-Xylenes

Concen: 1492.242 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. -0.10 min

Lab File: VX007617.D

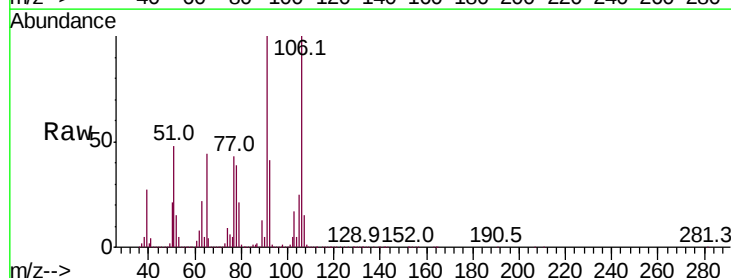
Acq: 19 Feb 2019 16:57

Tgt Ion:106 Resp:17135828

Ion Ratio Lower Upper

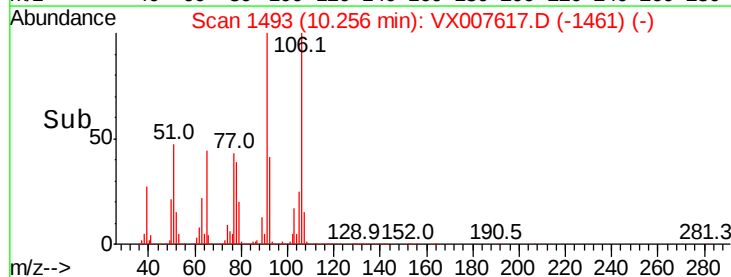
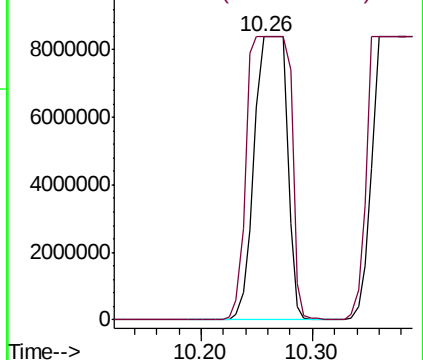
106 100

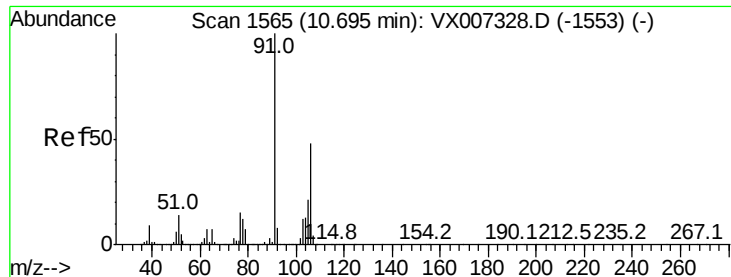
91 0.0 156.6 234.8#



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

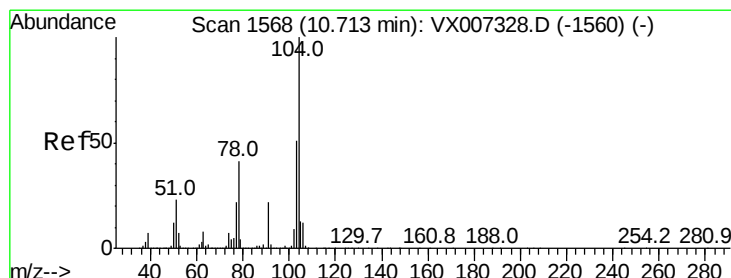
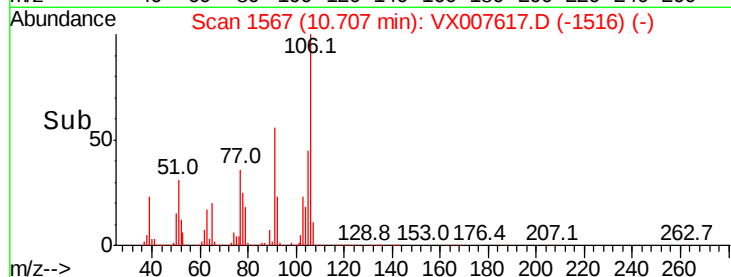
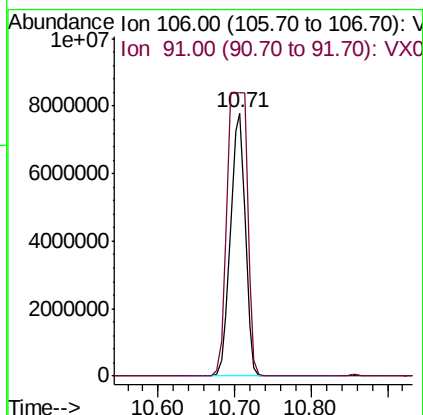
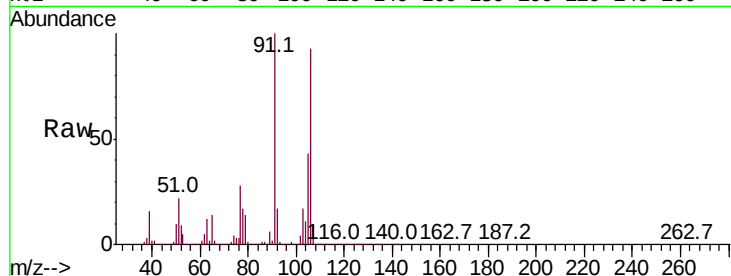




#69
o-Xylene
Concen: 943.289 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.01 min
Lab File: VX007617.D
Acq: 19 Feb 2019 16:57

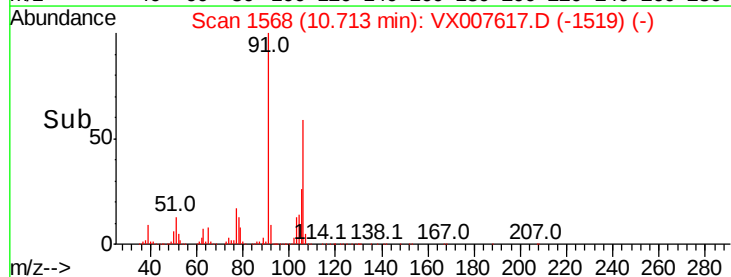
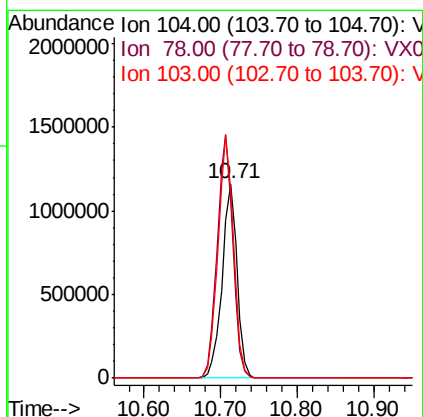
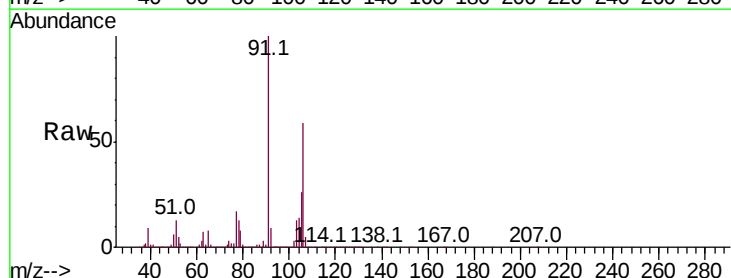
Instrument :
MSVOA_X
ClientSampleId :
MW-1MSD

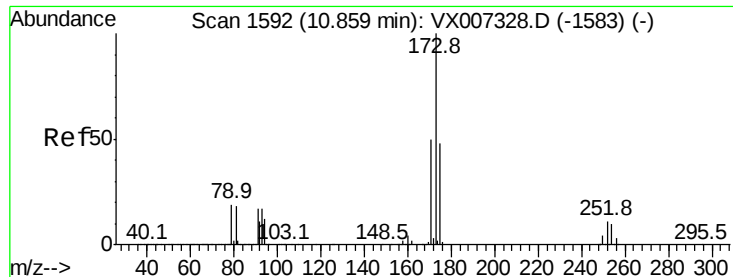
Tot Ion:106 Resp:10423120
Ion Ratio Lower Upper
106 100
91 148.2 102.9 308.7



#70
Styrene
Concen: 87.646 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007617.D
Acq: 19 Feb 2019 16:57

Tgt Ion:104 Resp: 1570628
Ion Ratio Lower Upper
104 100
78 129.8 38.3 57.5#
103 129.1 44.6 67.0#

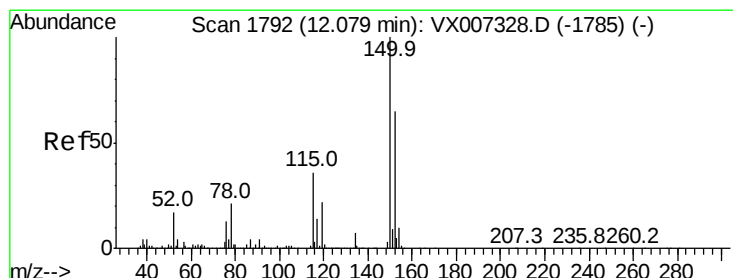
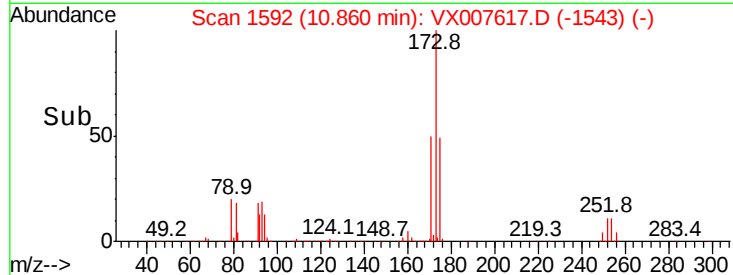
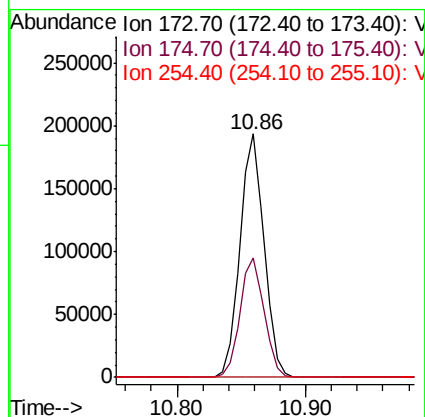
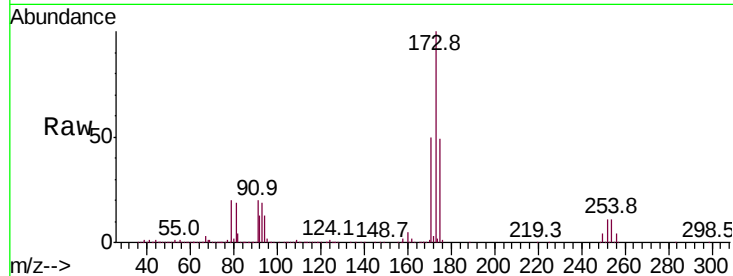




#71
Bromoform
Concen: 47.661 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX007617.D
Acq: 19 Feb 2019 16:57

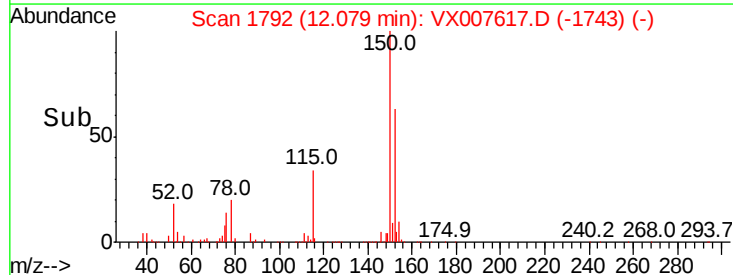
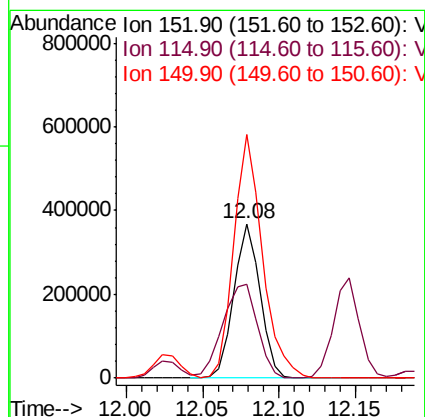
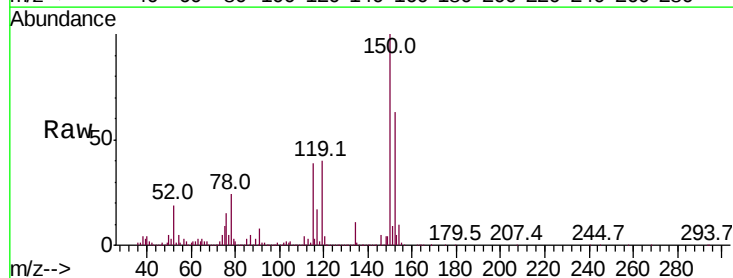
Instrument :
MSVOA_X
ClientSampled :
MW-1MSD

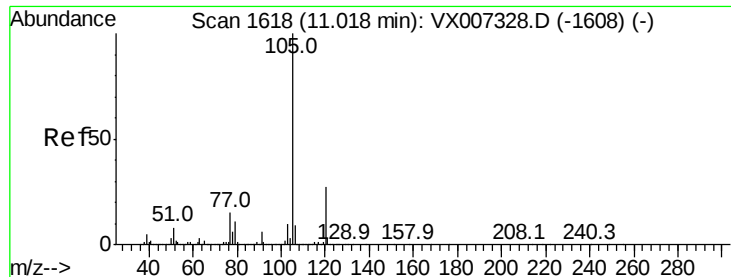
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.2	24.2	72.6
254	0.2	0.2	0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007617.D
Acq: 19 Feb 2019 16:57

Tgt Ion	Ratio	Lower	Upper
152	100		
115	80.6	38.0	114.0
150	173.1	0.0	346.4





#73

Isopropylbenzene

Concen: 158.671 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007617.D

Acq: 19 Feb 2019 16:57

Instrument :

MSVOA_X

ClientSampleId :

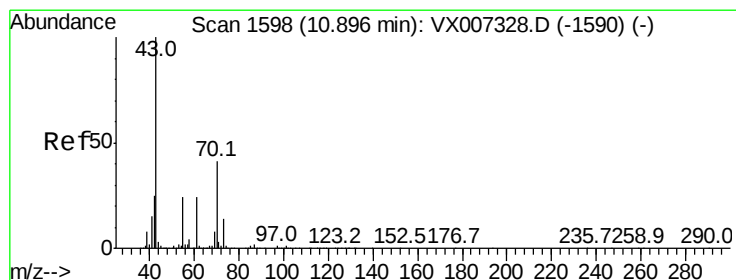
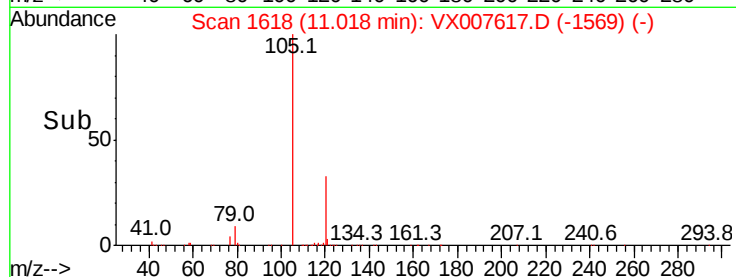
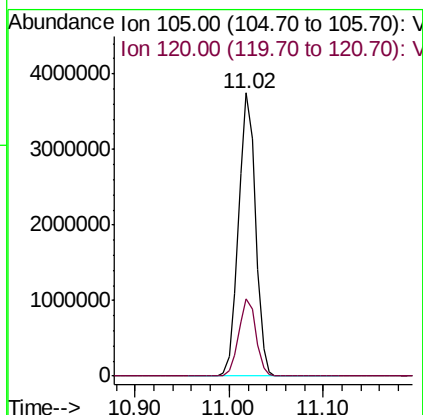
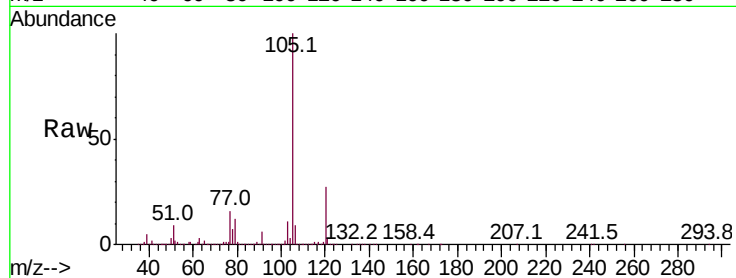
MW-1MSD

Tot Ion:105 Resp: 4689083

Ion Ratio Lower Upper

105 100

120 27.4 13.6 40.7



#74

N-ethyl acetate

Concen: 55.437 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007617.D

Acq: 19 Feb 2019 16:57

Tgt Ion: 43 Resp: 633674

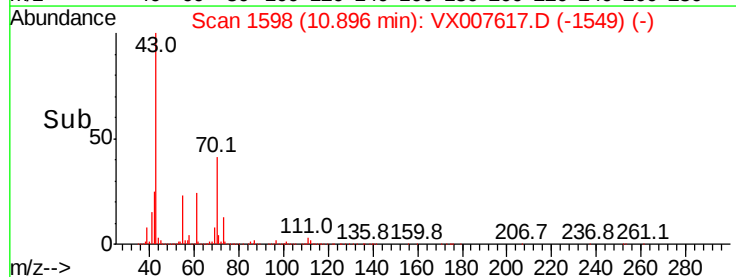
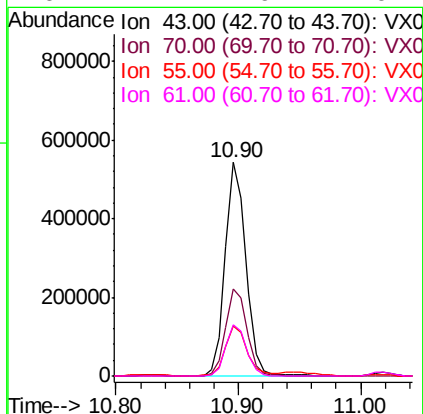
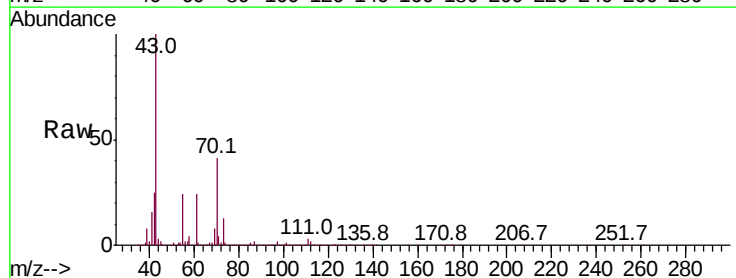
Ion Ratio Lower Upper

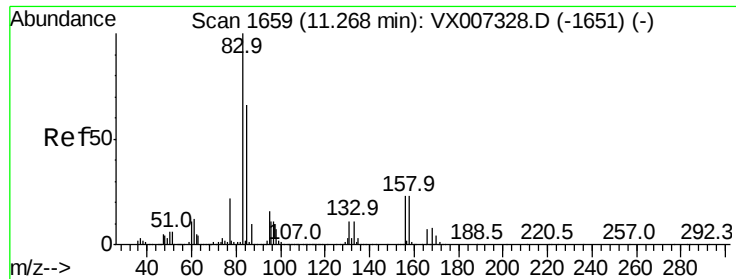
43 100

70 42.1 33.8 50.6

55 24.3 19.5 29.3

61 24.1 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 50.230 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007617.D

Acq: 19 Feb 2019 16:57

Instrument :

MSVOA_X

ClientSampleId :

MW-1MSD

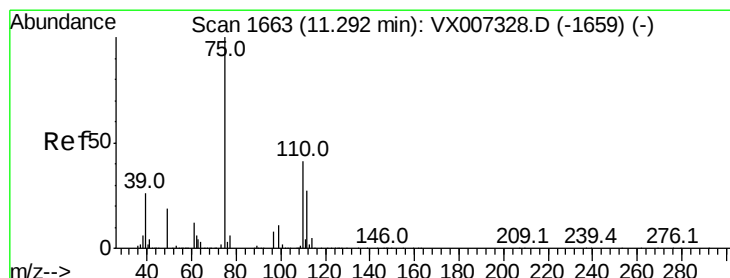
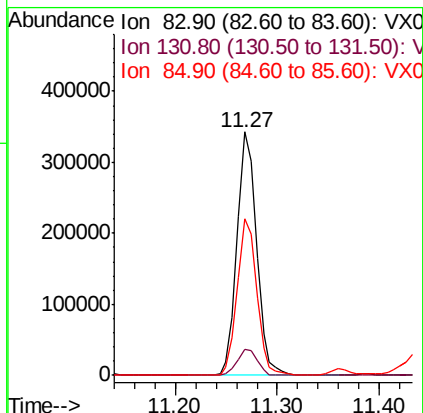
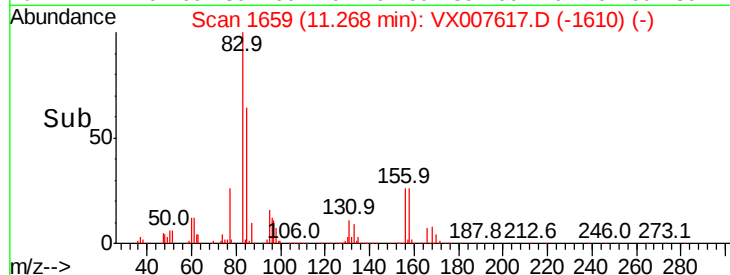
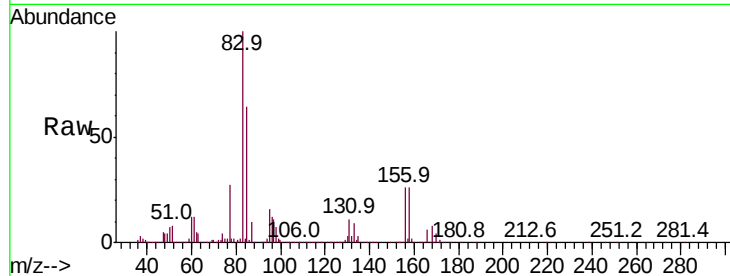
Tot Ion: 83 Resp: 452388

Ion	Ratio	Lower	Upper
83	100		
131	11.1	5.7	17.0
85	64.2	32.8	98.3

83 100

131 11.1 5.7 17.0

85 64.2 32.8 98.3



#76

1,2,3-Trichloropropane

Concen: 48.794 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.01 min

Lab File: VX007617.D

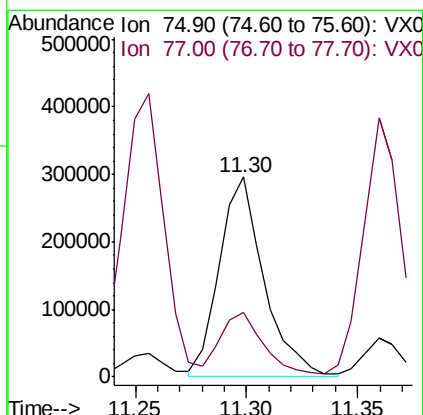
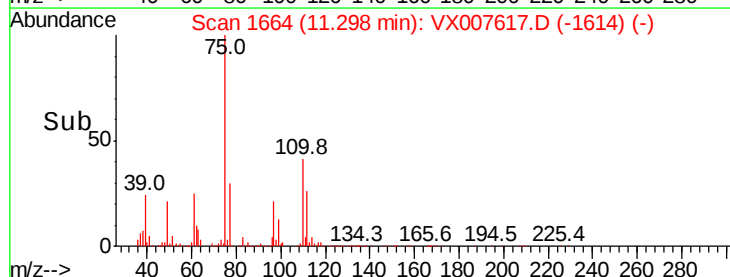
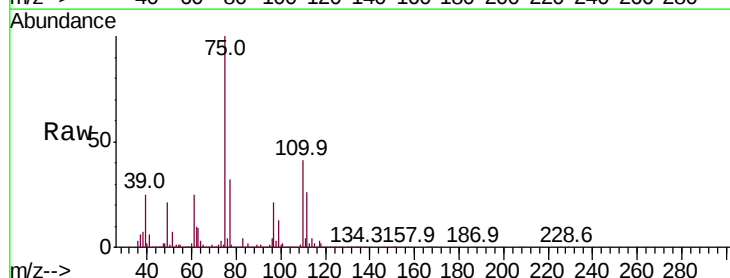
Acq: 19 Feb 2019 16:57

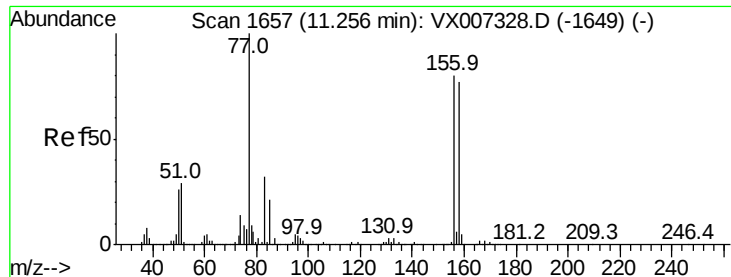
Tgt Ion: 75 Resp: 412743

Ion	Ratio	Lower	Upper
75	100		
77	0.0	23.0	69.0

75 100

77 0.0 23.0 69.0





#77

Bromobenzene

Concen: 45.577 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007617.D

Acq: 19 Feb 2019 16:57

Instrument :

MSVOA_X

ClientSampleId :

MW-1MSD

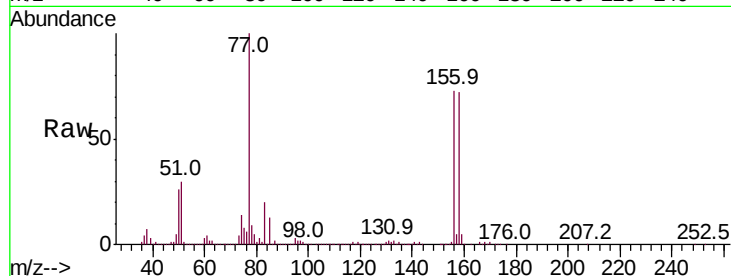
Tot Ion:156 Resp: 379498

Ion Ratio Lower Upper

156 100

77 141.9 66.8 200.6

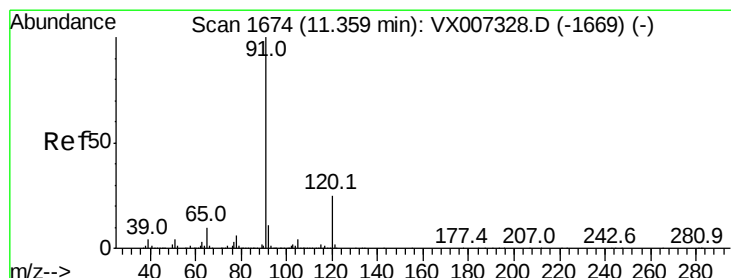
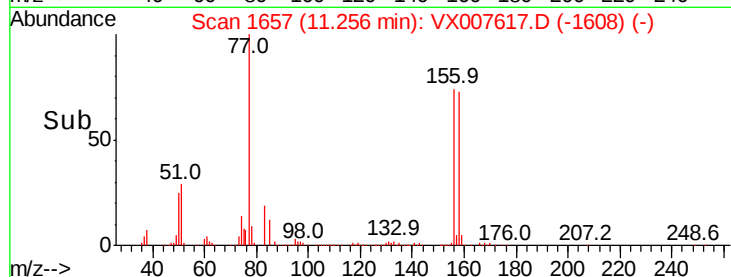
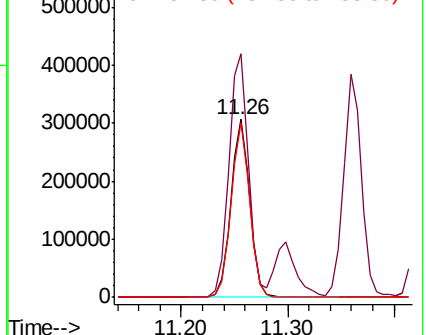
158 96.7 47.9 143.8



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: 324.006 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007617.D

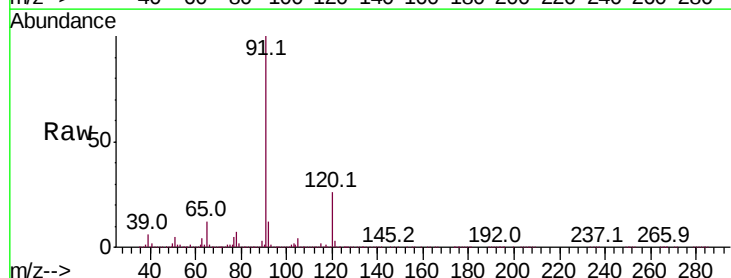
Acq: 19 Feb 2019 16:57

Tgt Ion: 91 Resp:10499712

Ion Ratio Lower Upper

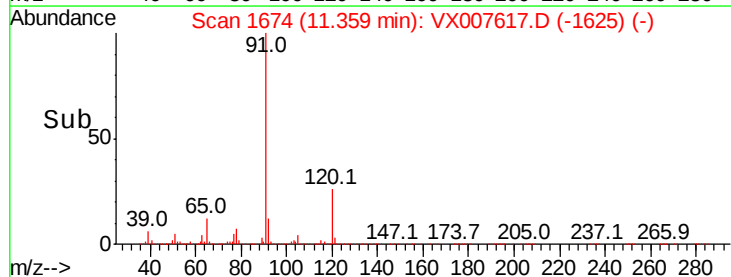
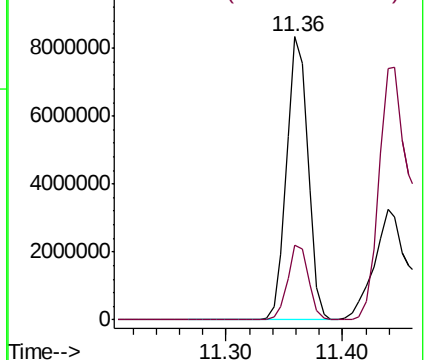
91 100

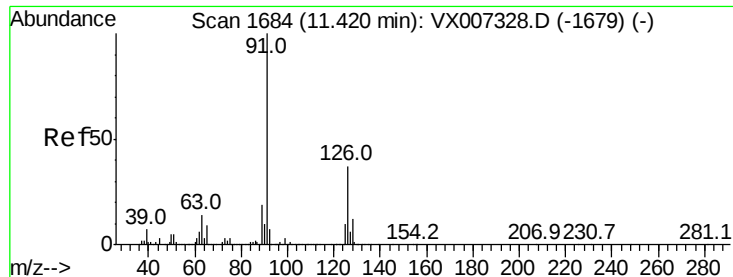
120 25.8 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 330.546 ug/l

RT: 11.44 min Scan# 1687

Delta R.T. 0.02 min

Lab File: VX007617.D

Acq: 19 Feb 2019 16:57

Instrument :

MSVOA_X

ClientSampled :

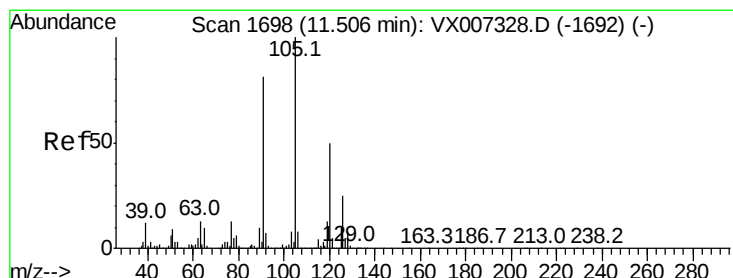
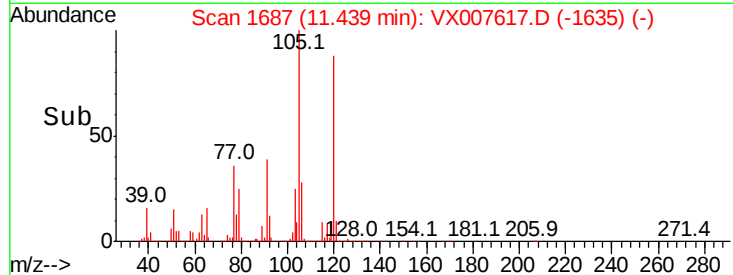
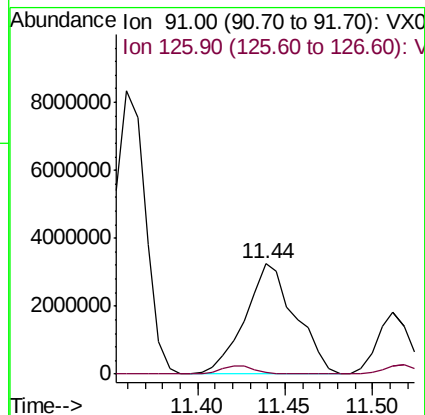
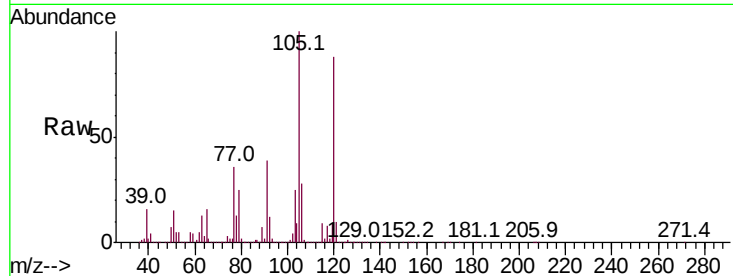
MW-1MSD

Tot Ion: 91 Resp: 6499596

Ion Ratio Lower Upper

91 100

126 5.3 18.7 56.1#



#80

1,3,5-Trimethylbenzene

Concen: 456.533 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VX007617.D

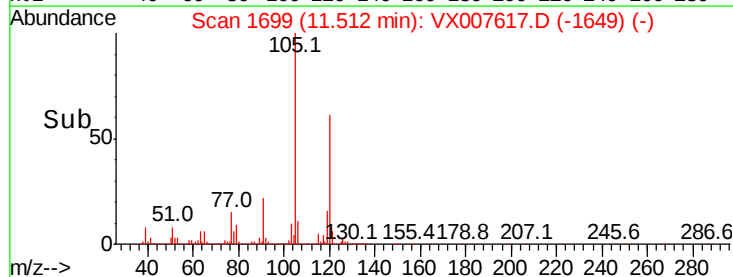
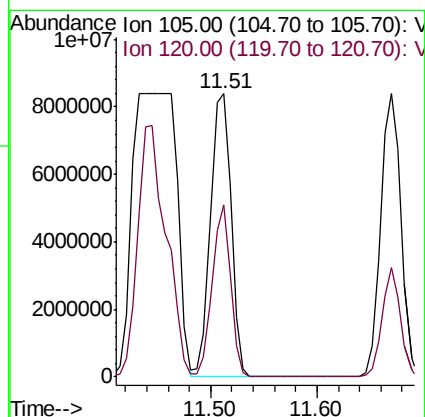
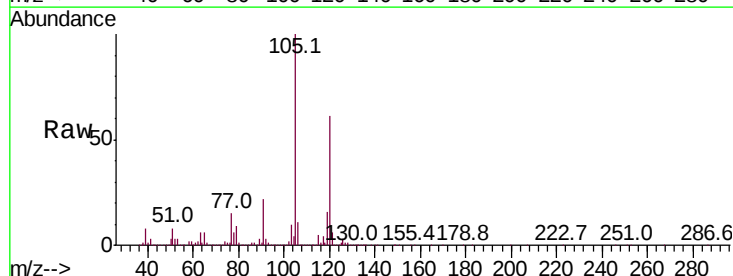
Acq: 19 Feb 2019 16:57

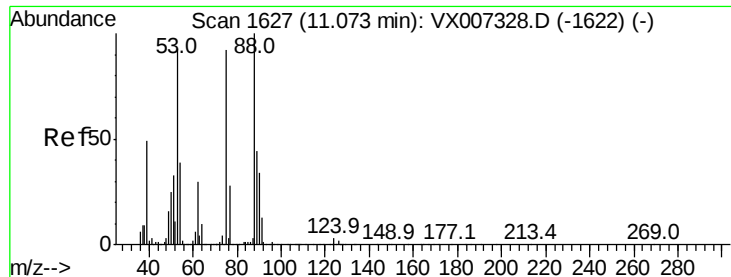
Tgt Ion:105 Resp:11037746

Ion Ratio Lower Upper

105 100

120 54.3 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 22.012 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.05 min

Lab File: VX007617.D

Acq: 19 Feb 2019 16:57

Instrument :

MSVOA_X

ClientSampleId :

MW-1MSD

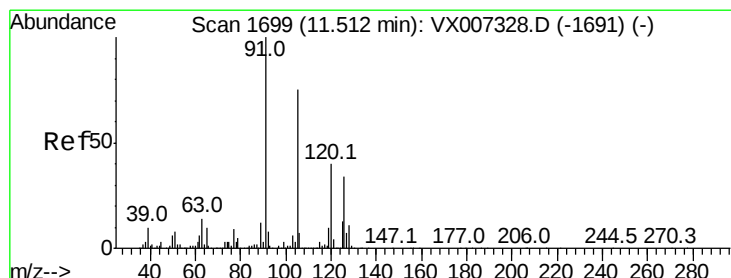
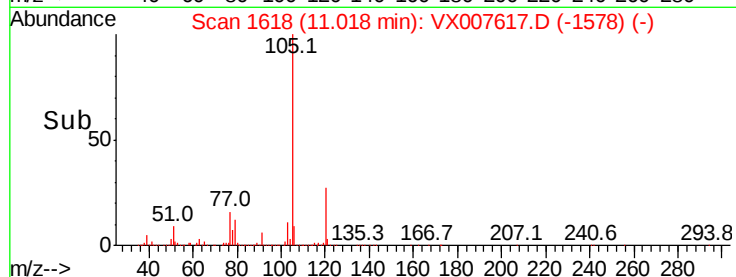
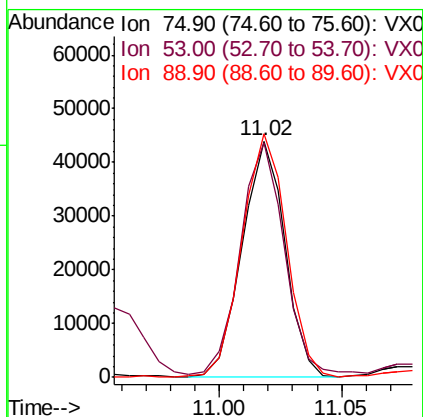
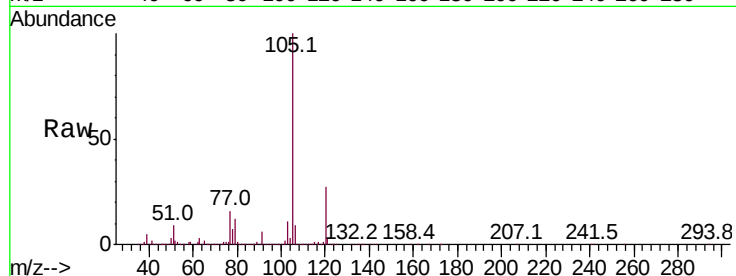
Tot Ion: 75 Resp: 53165

Ion Ratio Lower Upper

75 100

53 100.7 81.0 121.6

89 107.2 41.4 62.0#



#82

4-Chlorotoluene

Concen: 102.025 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX007617.D

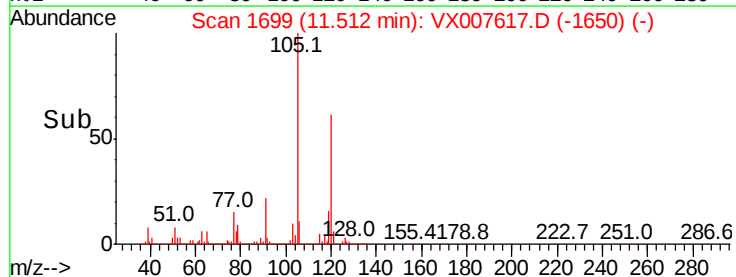
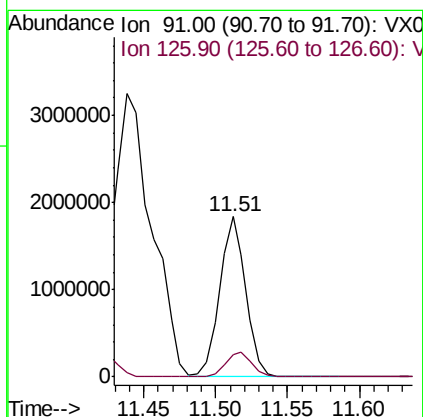
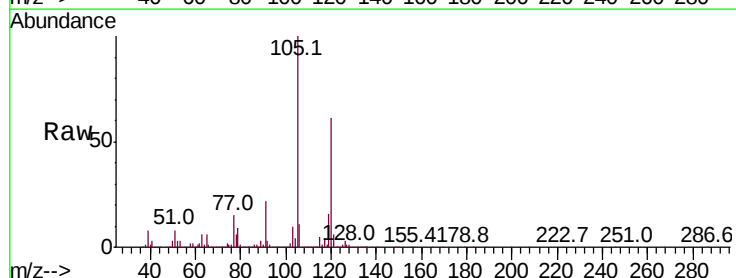
Acq: 19 Feb 2019 16:57

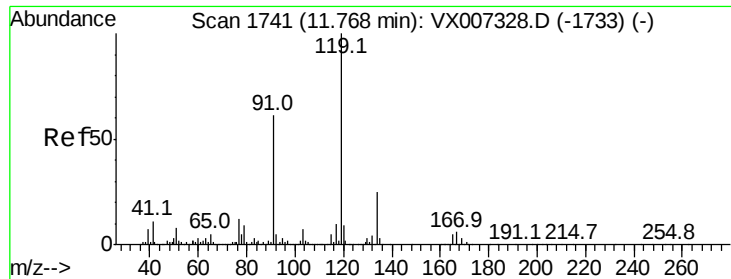
Tgt Ion: 91 Resp: 2321303

Ion Ratio Lower Upper

91 100

126 15.3 16.2 48.5#





#83

tert-Butylbenzene

Concen: 49.321 ug/l

RT: 11.77 min Scan# 1742

Delta R.T. 0.01 min

Lab File: VX007617.D

Acq: 19 Feb 2019 16:57

Instrument :

MSVOA_X

ClientSampled :

MW-1MSD

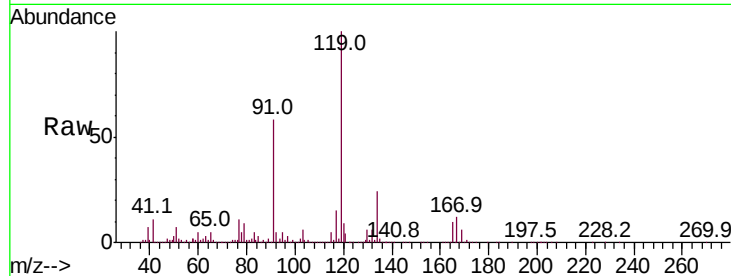
Tot Ion:119 Resp: 1180586

Ion Ratio Lower Upper

119 100

91 54.9 28.5 85.6

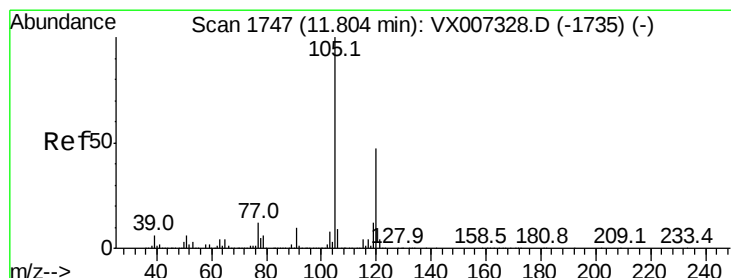
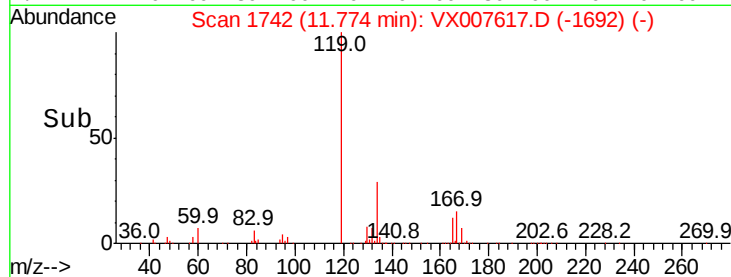
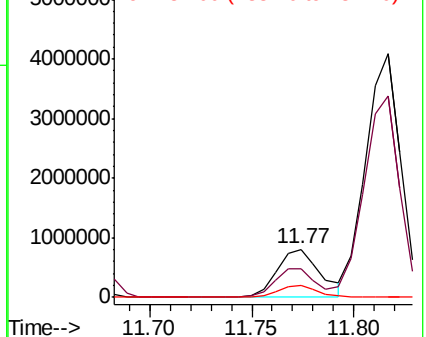
134 22.3 12.0 36.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 450.845 ug/l

RT: 11.67 min Scan# 1725

Delta R.T. -0.13 min

Lab File: VX007617.D

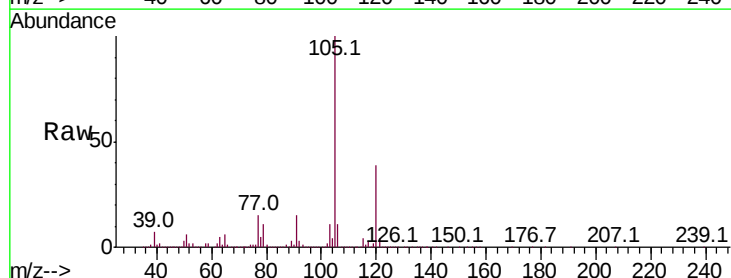
Acq: 19 Feb 2019 16:57

Tgt Ion:105 Resp:11066269

Ion Ratio Lower Upper

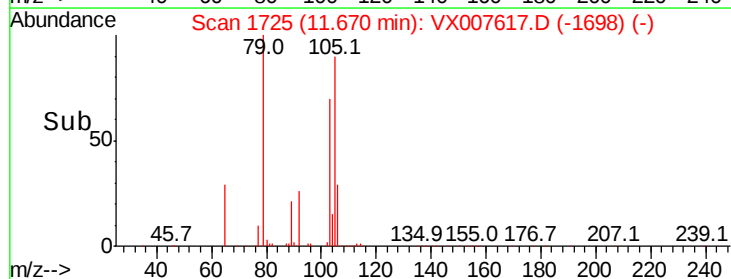
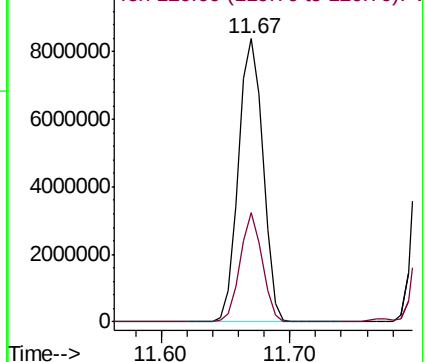
105 100

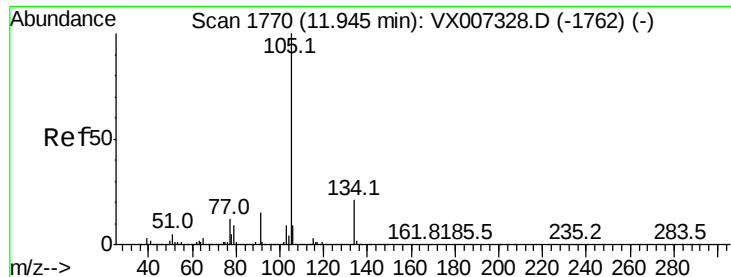
120 34.8 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 59.129 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007617.D

Acq: 19 Feb 2019 16:57

Instrument :

MSVOA_X

ClientSampleId :

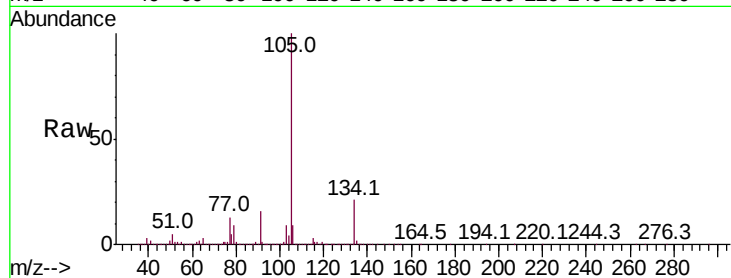
MW-1MSD

Tot Ion:105 Resp: 1713052

Ion Ratio Lower Upper

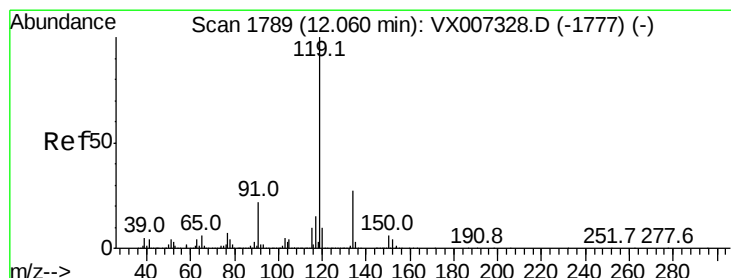
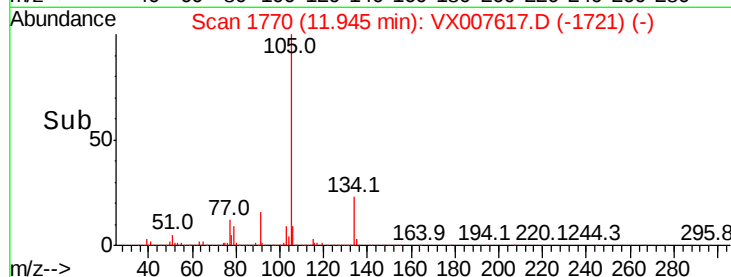
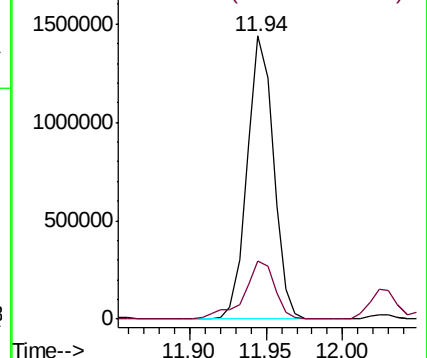
105 100

134 24.2 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 54.648 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VX007617.D

Acq: 19 Feb 2019 16:57

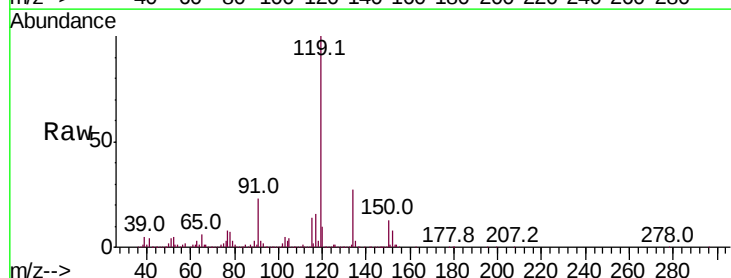
Tgt Ion:119 Resp: 1429185

Ion Ratio Lower Upper

119 100

134 27.3 13.7 41.1

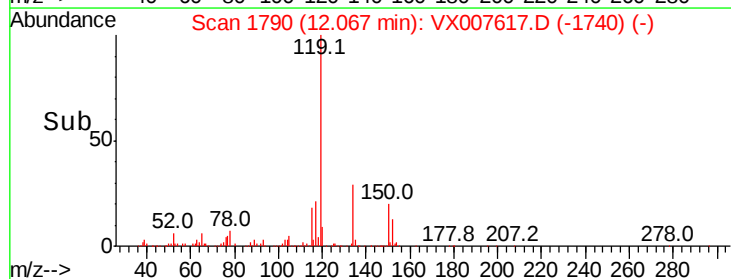
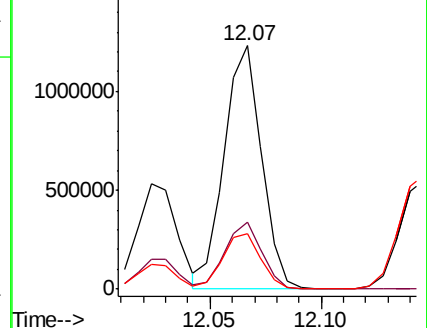
91 23.5 11.2 33.5

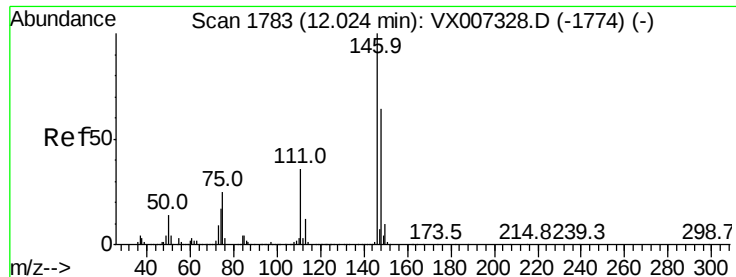


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 45.770 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

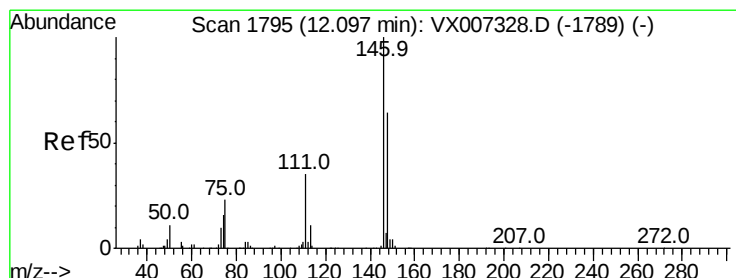
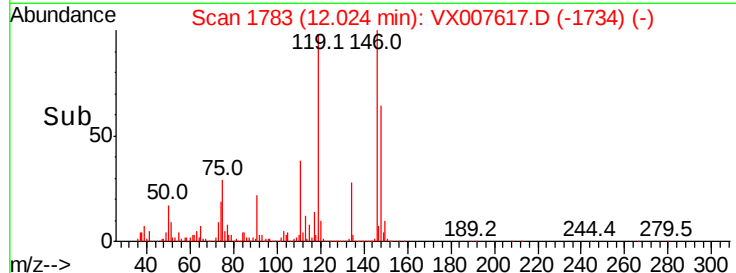
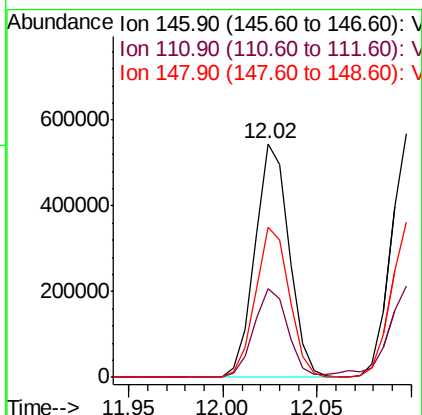
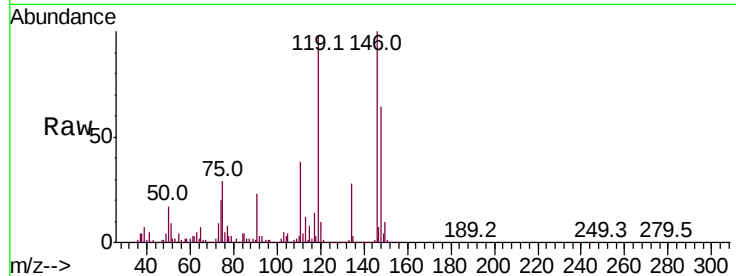
Lab File: VX007617.D

Acq: 19 Feb 2019 16:57

Instrument :
MSVOA_X
ClientSampleId :
MW-1MSD

Tot Ion:146 Resp: 683952

Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.1	54.1
148	63.6	32.0	96.2



#88

1,4-Dichlorobenzene

Concen: 45.064 ug/l

RT: 12.10 min Scan# 1795

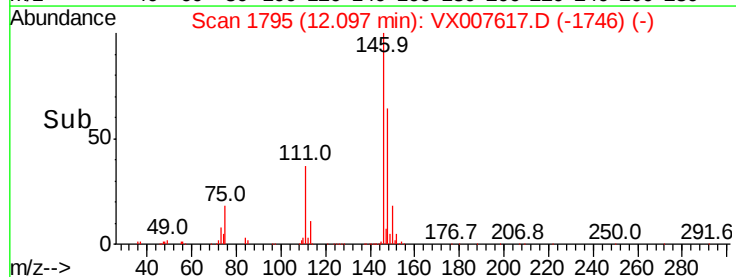
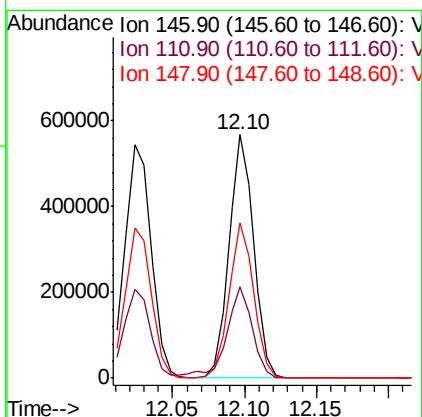
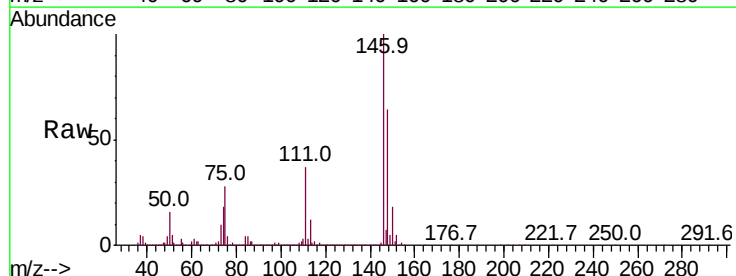
Delta R.T. 0.00 min

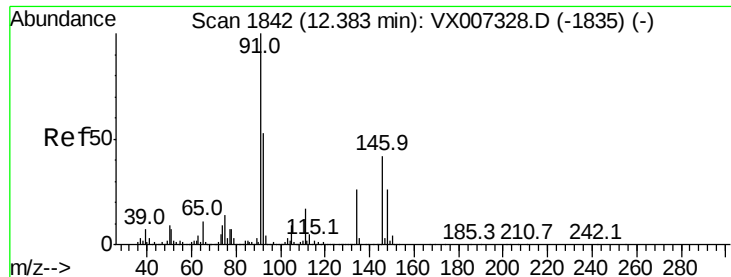
Lab File: VX007617.D

Acq: 19 Feb 2019 16:57

Tgt Ion:146 Resp: 683200

Ion	Ratio	Lower	Upper
146	100		
111	38.7	18.1	54.1
148	63.7	32.3	96.9





#89

n-Butylbenzene

Concen: 102.300 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.01 min

Lab File: VX007617.D

Acq: 19 Feb 2019 16:57

Instrument :

MSVOA_X

ClientSampleId :

MW-1MSD

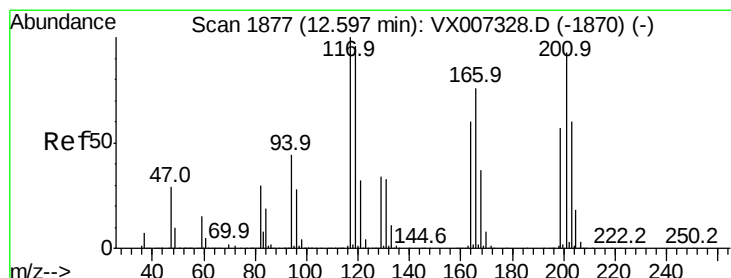
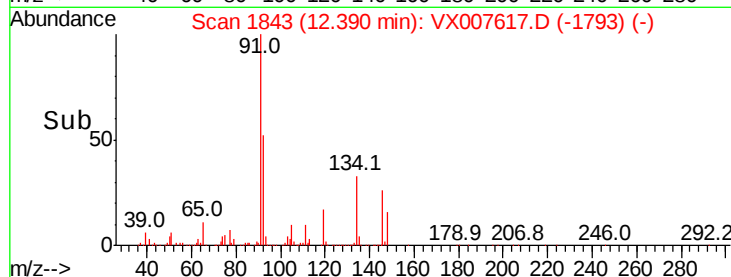
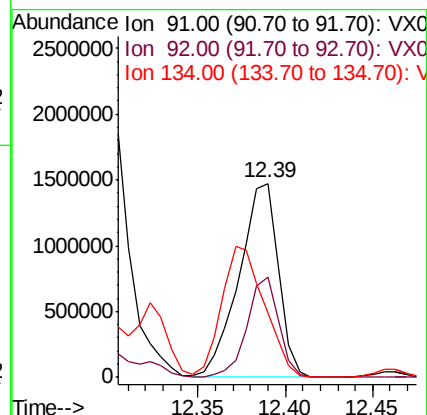
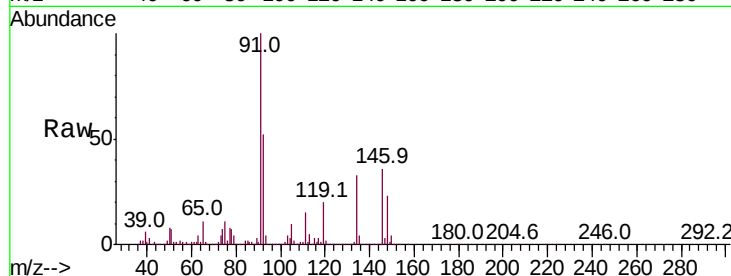
Tot Ion: 91 Resp: 2301478

Ion Ratio Lower Upper

91 100

92 41.8 26.3 78.9

134 73.3 13.9 41.6#



#90

Hexachloroethane

Concen: 143.864 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. -0.01 min

Lab File: VX007617.D

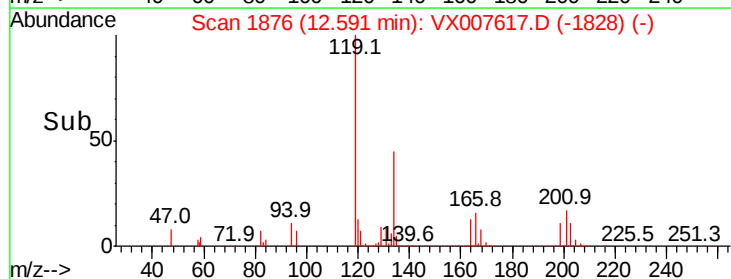
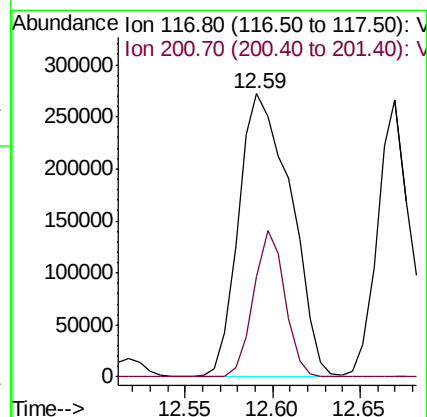
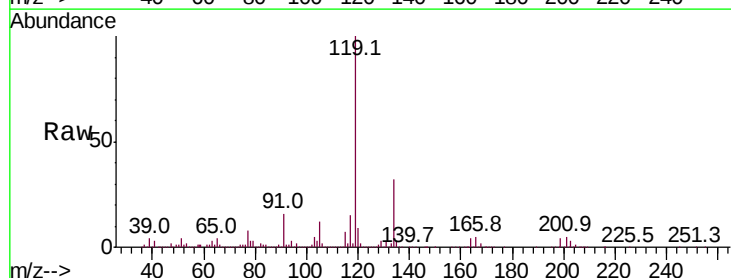
Acq: 19 Feb 2019 16:57

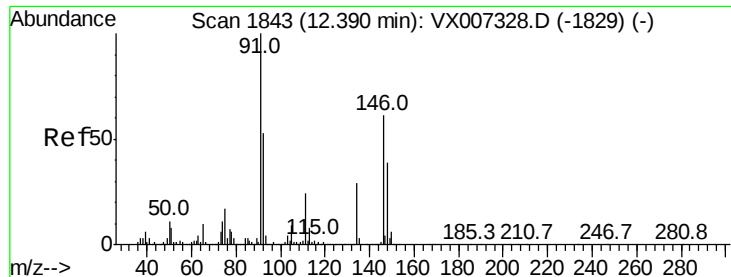
Tgt Ion: 117 Resp: 563087

Ion Ratio Lower Upper

117 100

201 31.0 44.9 134.7#





#91

1,2-Dichlorobenzene

Concen: 45.143 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX007617.D

Acq: 19 Feb 2019 16:57

Instrument :

MSVOA_X

ClientSampleId :

MW-1MSD

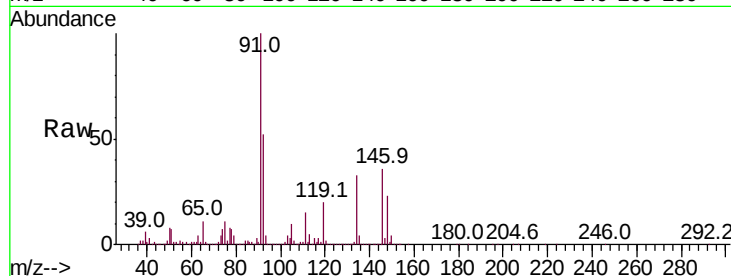
Tot Ion:146 Resp: 671338

Ion Ratio Lower Upper

146 100

111 40.5 19.1 57.3

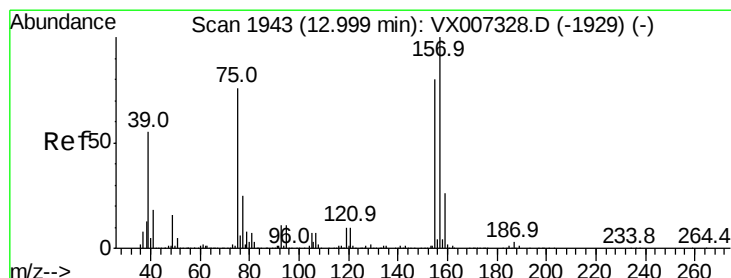
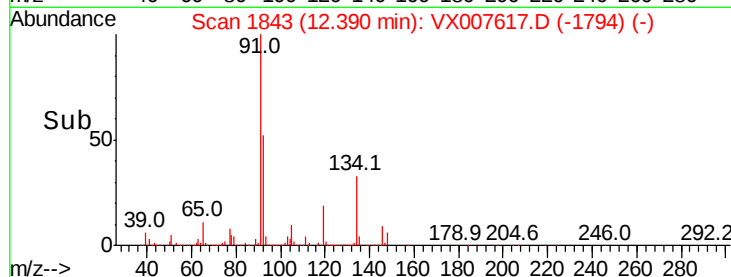
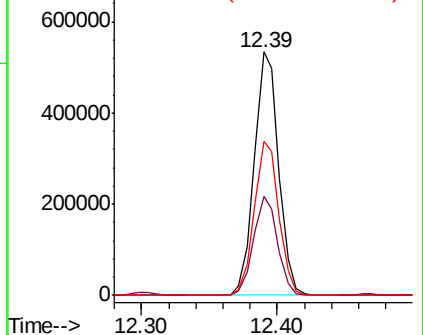
148 63.9 32.1 96.3



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 73.029 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX007617.D

Acq: 19 Feb 2019 16:57

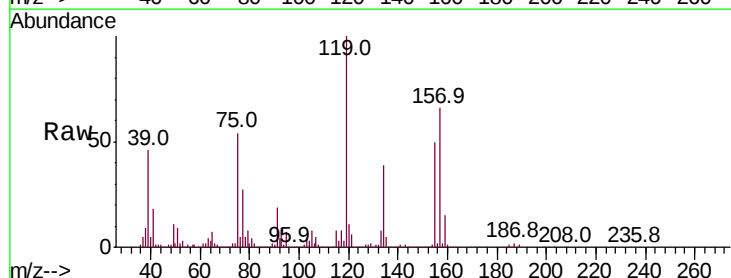
Tgt Ion: 75 Resp: 136760

Ion Ratio Lower Upper

75 100

155 74.0 49.6 149.0

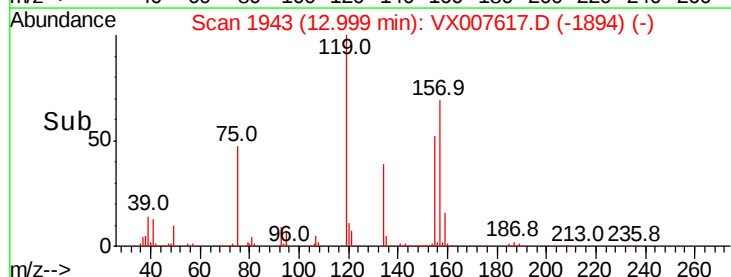
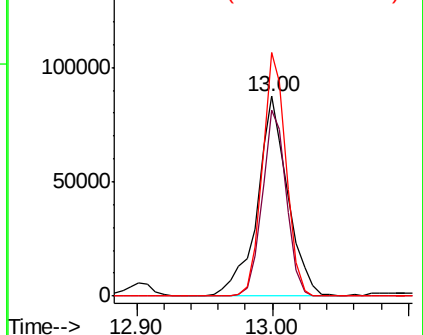
157 95.5 65.1 195.3

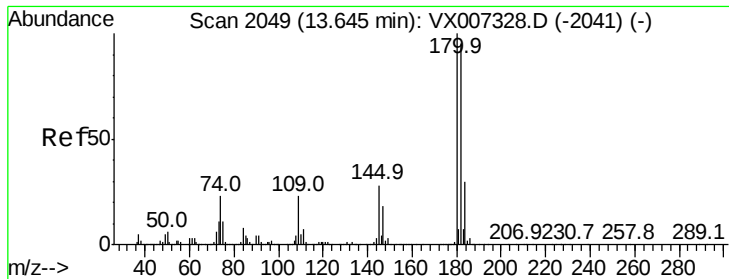


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

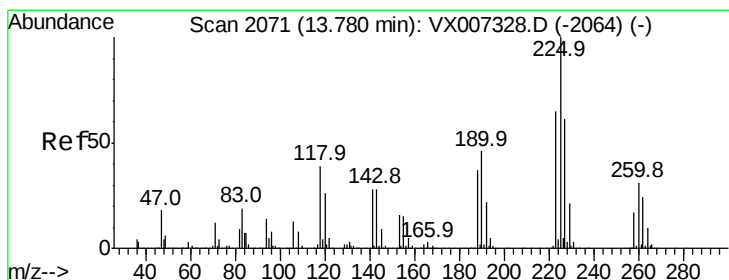
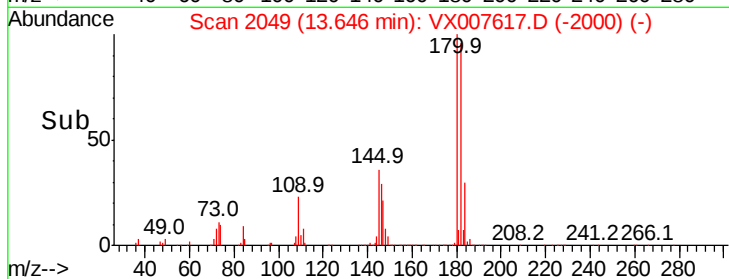
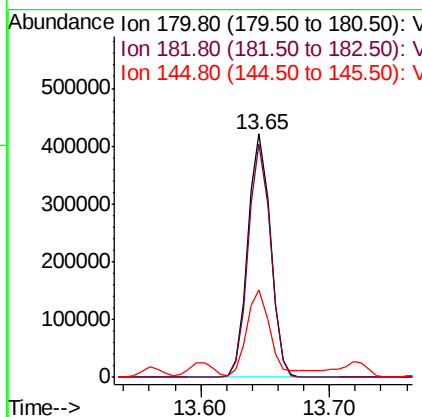
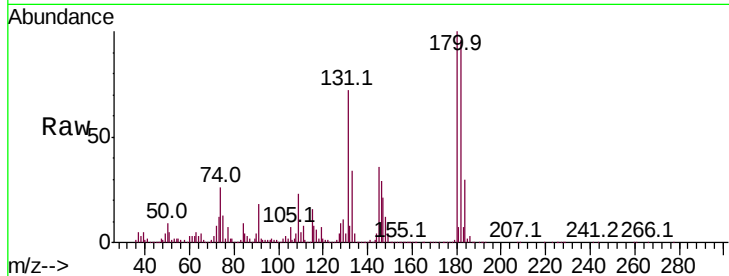




#93
 1,2,4-Trichlorobenzene
 Concen: 50.340 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007617.D
 Acq: 19 Feb 2019 16:57

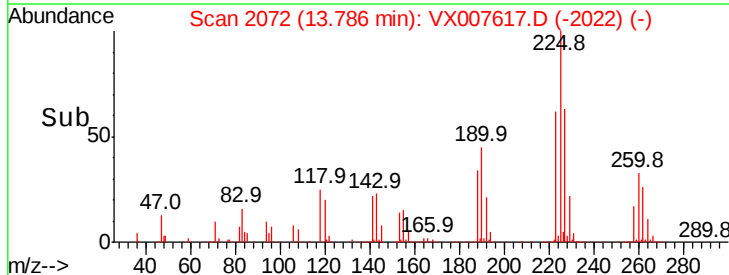
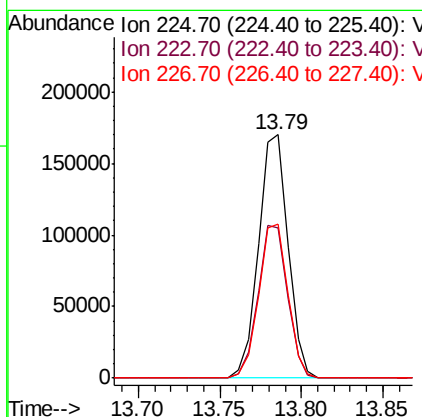
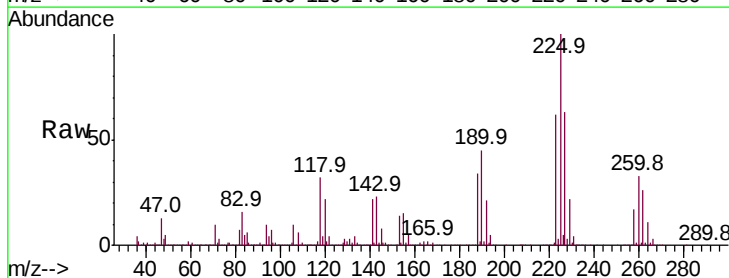
Instrument :
 MSVOA_X
 ClientSampled :
 MW-1MSD

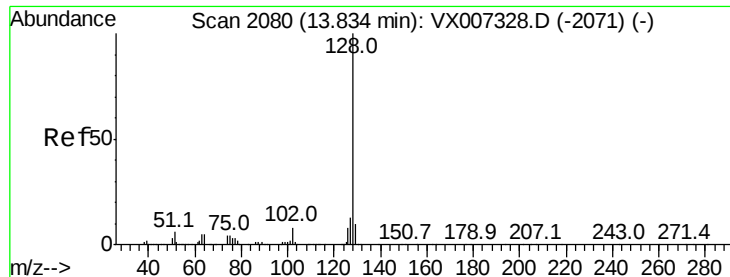
Tot Ion:180 Resp: 504868
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.8 143.3
 145 37.7 14.1 42.2



#94
 Hexachlorobutadiene
 Concen: 43.928 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VX007617.D
 Acq: 19 Feb 2019 16:57

Tgt Ion:225 Resp: 213926
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.6 94.8
 227 62.9 32.1 96.3





#95

Naphthalene

Concen: 487.767 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX007617.D

Acq: 19 Feb 2019 16:57

Instrument :

MSVOA_X

ClientSampleId :

MW-1MSD

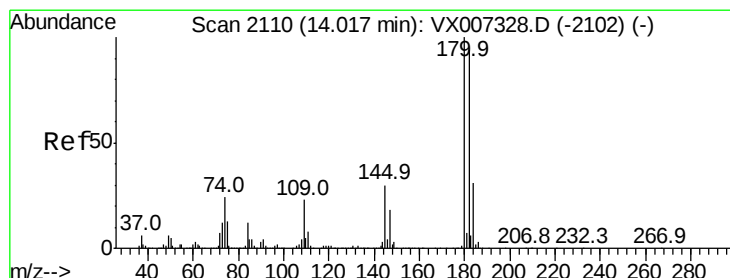
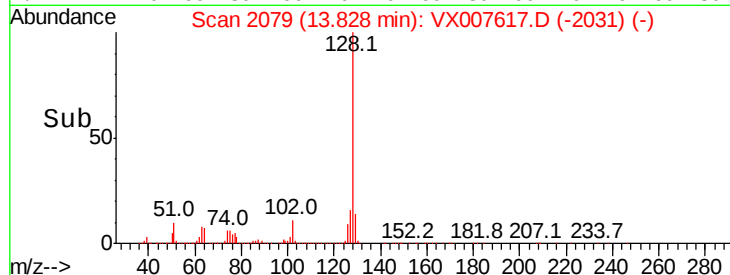
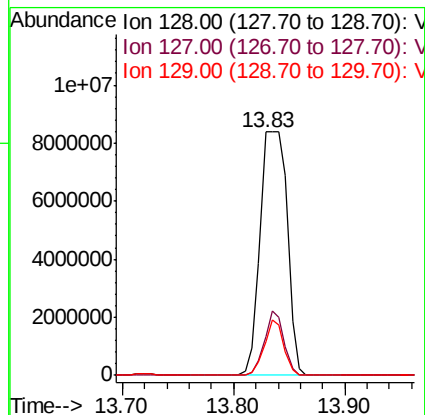
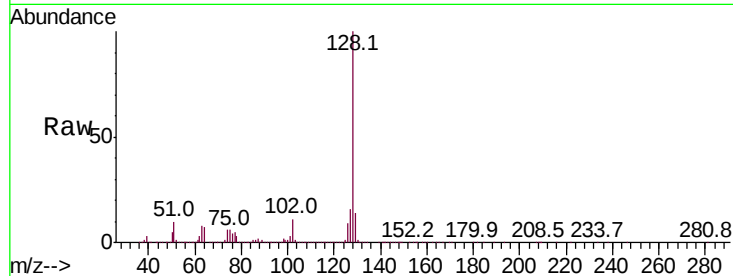
Tot Ion:128 Resp:14305382

Ion Ratio Lower Upper

128 100

127 19.0 10.5 15.7#

129 16.6 8.7 13.1#



#96

1,2,3-Trichlorobenzene

Concen: 48.815 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX007617.D

Acq: 19 Feb 2019 16:57

Tgt Ion:180 Resp: 492804

Ion Ratio Lower Upper

180 100

182 96.0 47.5 142.6

145 34.4 14.9 44.5

