

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021419\
 Data File : VX007533.D
 Acq On : 13 Feb 2019 20:57
 Operator : JC/SP
 Sample : K1460-05MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2-20190208MS

Quant Time: Feb 14 02:39:56 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	5.66	168	455435	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	689441	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	621410	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	308926	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	242562	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	
35) Dibromofluoromethane	5.50	113	226846	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	
50) Toluene-d8	8.71	98	802016	48.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.38%	
62) 4-Bromofluorobenzene	11.13	95	284157	46.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	242591	43.370	ug/l	98
3) Chloromethane	1.33	50	210884	41.109	ug/l	99
4) Vinyl Chloride	1.41	62	237805	47.254	ug/l	99
5) Bromomethane	1.64	94	203224	40.750	ug/l	98
6) Chloroethane	1.72	64	161229	49.525	ug/l	96
7) Trichlorofluoromethane	1.93	101	371764	47.223	ug/l	98
8) Diethyl Ether	2.19	74	140970	47.575	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	208325	44.487	ug/l	98
10) Methyl Iodide	2.51	142	274746	39.883	ug/l	99
11) Tert butyl alcohol	3.07	59	311245	311.116	ug/l	97
12) 1,1-Dichloroethene	2.37	96	194685	44.771	ug/l	96
13) Acrolein	2.30	56	107489	229.128	ug/l #	78
14) Allyl chloride	2.73	41	339013	47.847	ug/l	99
15) Acrylonitrile	3.15	53	630370	254.713	ug/l	99
16) Acetone	2.45	43	563886	254.650	ug/l	100
17) Carbon Disulfide	2.57	76	484520	42.924	ug/l	98
18) Methyl Acetate	2.78	43	324005	56.085	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	735010	52.173	ug/l	99
20) Methylene Chloride	2.86	84	215988	47.735	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	207801	44.860	ug/l	99
22) Diisopropyl ether	3.87	45	659210	50.580	ug/l	97
23) Vinyl Acetate	3.82	43	2619614	242.219	ug/l	98
24) 1,1-Dichloroethane	3.70	63	368076	49.178	ug/l	99
25) 2-Butanone	4.70	43	840891	266.839	ug/l	98
26) 2,2-Dichloropropane	4.59	77	239765	42.065	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	244497	48.324	ug/l	97
28) Bromochloromethane	5.02	49	167100	48.549	ug/l	98
29) Tetrahydrofuran	5.15	42	540258	272.589	ug/l	99
30) Chloroform	5.21	83	397677	50.919	ug/l	98
31) Cyclohexane	5.57	56	364955	54.292	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	334273	50.706	ug/l	99
36) 1,1-Dichloropropene	5.80	75	272713	44.086	ug/l	99
37) Ethyl Acetate	4.85	43	293710	46.970	ug/l	99
38) Carbon Tetrachloride	5.78	117	291961	48.649	ug/l	95

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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	390004	52.109	ug/l	96
40) Benzene	6.14	78	1003843	55.090	ug/l	98
41) Methacrylonitrile	5.06	41	170570	50.895	ug/l	99
42) 1,2-Dichloroethane	6.20	62	290613	46.095	ug/l	96
43) Isopropyl Acetate	6.46	43	480655	49.799	ug/l	99
44) Trichloroethene	7.21	130	241520	44.008	ug/l	95
45) 1,2-Dichloropropane	7.52	63	216427	47.404	ug/l	99
46) Dibromomethane	7.66	93	154695	46.619	ug/l	99
47) Bromodichloromethane	7.90	83	280869	49.944	ug/l	98
48) Methyl methacrylate	7.77	41	253892	52.589	ug/l	97
49) 1,4-Dioxane	7.75	88	107420	978.523	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1636119	257.498	ug/l	99
52) Toluene	8.79	92	542113	46.111	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	296940	49.157	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	324490	48.847	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	231182	47.174	ug/l	98
56) Ethyl methacrylate	9.18	69	338775	49.912	ug/l	100
57) 1,3-Dichloropropane	9.37	76	372622	47.812	ug/l	98
59) 2-Hexanone	9.49	43	1248848	252.578	ug/l	100
60) Dibromochloromethane	9.59	129	243067	52.443	ug/l	97
61) 1,2-Dibromoethane	9.67	107	250299	48.229	ug/l	99
64) Tetrachloroethene	9.34	164	220751	37.690	ug/l	99
65) Chlorobenzene	10.14	112	631428	46.564	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	230724	50.749	ug/l	98
67) Ethyl Benzene	10.25	91	1020189	46.718	ug/l	99
68) m/p-Xylenes	10.36	106	803487	92.561	ug/l	100
69) o-Xylene	10.69	106	390218	46.716	ug/l	98
70) Styrene	10.71	104	630276	46.527	ug/l	100
71) Bromoform	10.85	173	187008	47.148	ug/l	99
73) Isopropylbenzene	11.02	105	1045663	49.810	ug/l	99
74) N-amyl acetate	10.90	43	419820	51.702	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	349214	54.583	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	390104	64.920	ug/l	78
77) Bromobenzene	11.26	156	282583	47.774	ug/l	99
78) n-propylbenzene	11.36	91	1142668	49.637	ug/l	100
79) 2-Chlorotoluene	11.42	91	674409	48.282	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	834804	48.606	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	91025	47.090	ug/l	97
82) 4-Chlorotoluene	11.51	91	775749	47.996	ug/l	100
83) tert-Butylbenzene	11.77	119	864028	50.813	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	865062	49.612	ug/l	99
85) sec-Butylbenzene	11.94	105	1008176	48.987	ug/l	100
86) p-Isopropyltoluene	12.07	119	888482	47.824	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	484752	45.665	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	484963	45.030	ug/l	99
89) n-Butylbenzene	12.39	91	742934	46.487	ug/l	100
90) Hexachloroethane	12.60	117	148237	53.314	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	491194	46.496	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	71674	53.877	ug/l	96
93) 1,2,4-Trichlorobenzene	13.65	180	325028	45.622	ug/l	99

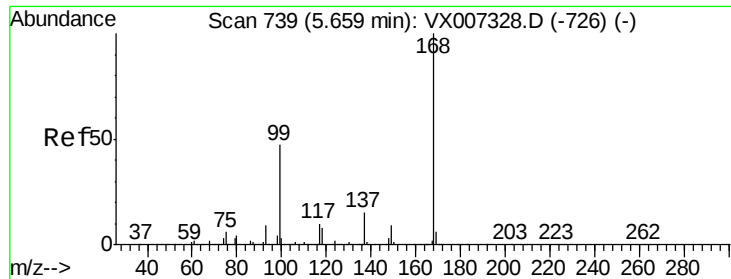
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	146045	42.216	ug/l	100
95) Naphthalene	13.83	128	1078121	51.748	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	331506	46.226	ug/l	99

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

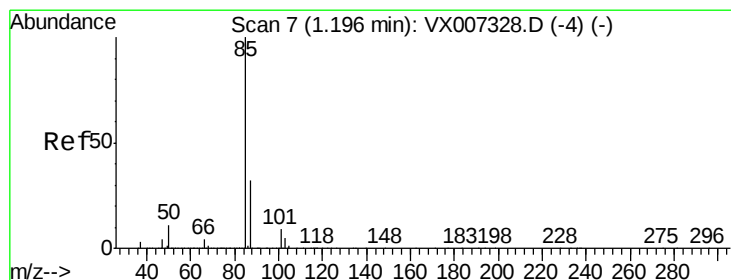
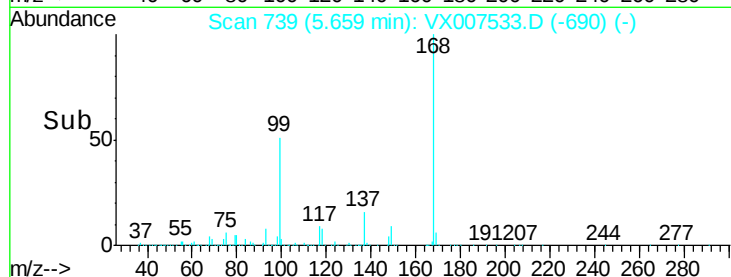
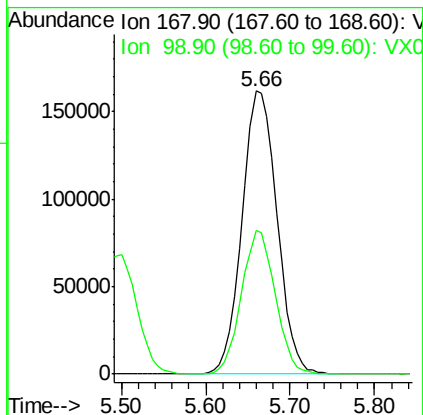
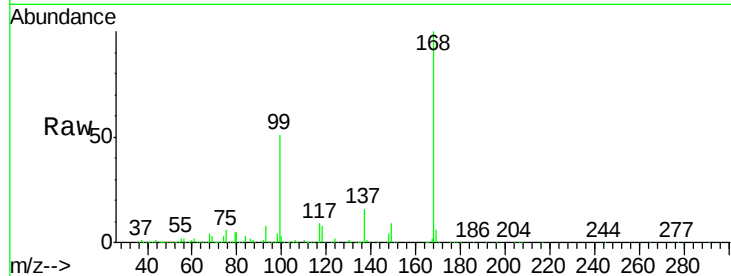


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: VX007533.D
 Acq: 13 Feb 2019 20:57

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2-20190208MS

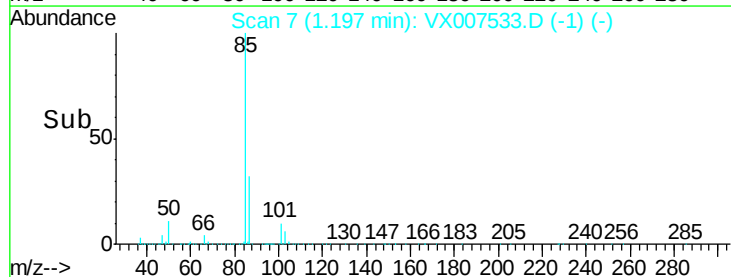
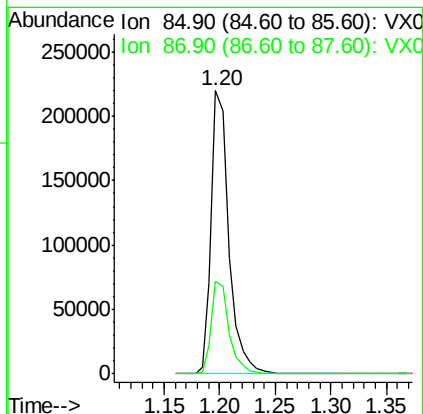
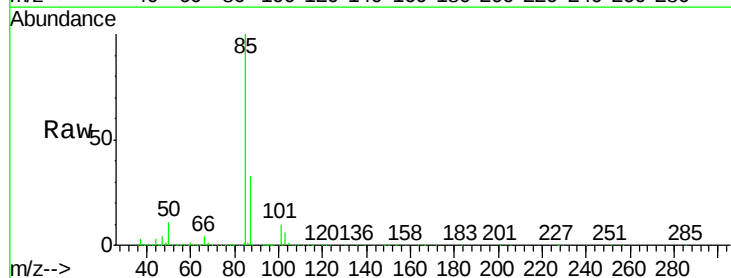
Tot Ion:168 Resp: 455435
 Ion Ratio Lower Upper
 168 100
 99 50.7 37.9 56.9

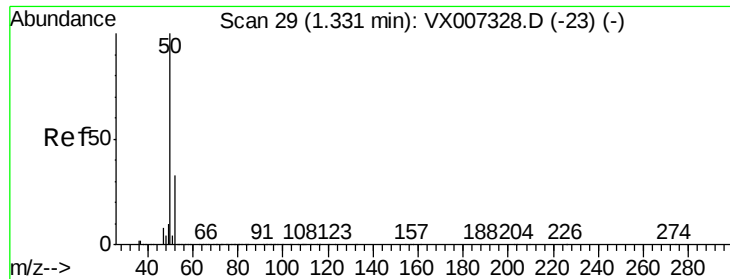


#2

Dichlorodifluoromethane
 Concen: 43.370 ug/l
 RT: 1.20 min Scan# 7
 Delta R.T. 0.00 min
 Lab File: VX007533.D
 Acq: 13 Feb 2019 20:57

Tgt Ion: 85 Resp: 242591
 Ion Ratio Lower Upper
 85 100
 87 32.5 15.8 47.4





#3

Chloromethane

Concen: 41.109 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007533.D

Acq: 13 Feb 2019 20:57

Instrument :

MSVOA_X

ClientSampleId :

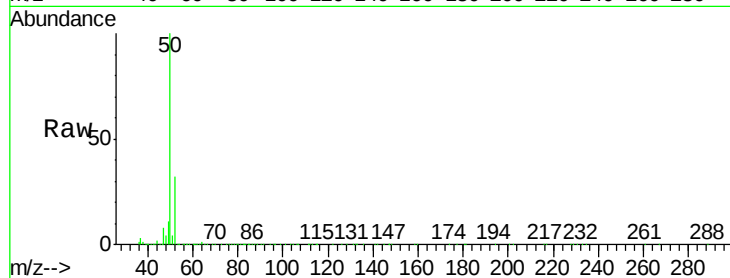
MW-2-20190208MS

Tot Ion: 50 Resp: 210884

Ion Ratio Lower Upper

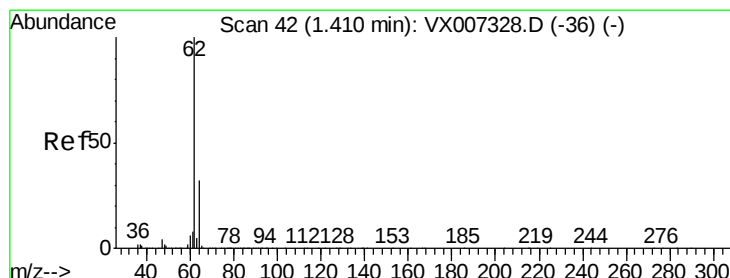
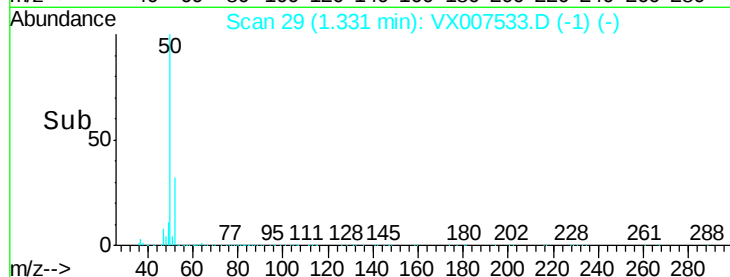
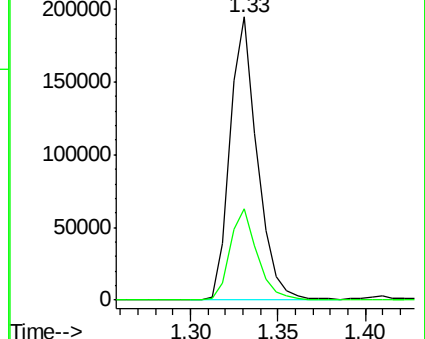
50 100

52 32.1 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 47.254 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007533.D

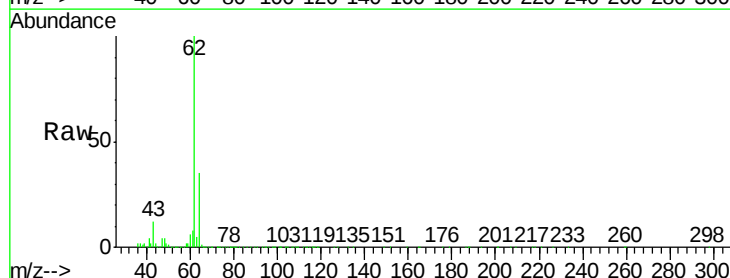
Acq: 13 Feb 2019 20:57

Tgt Ion: 62 Resp: 237805

Ion Ratio Lower Upper

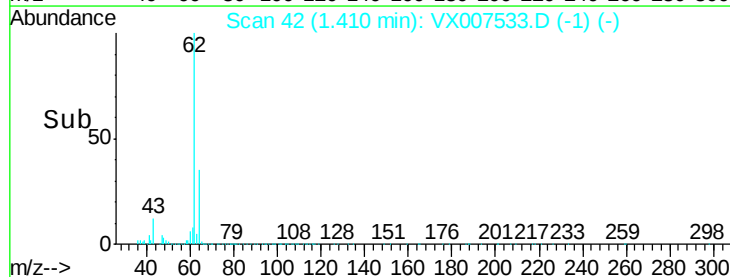
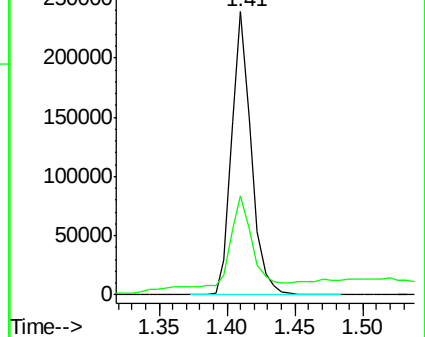
62 100

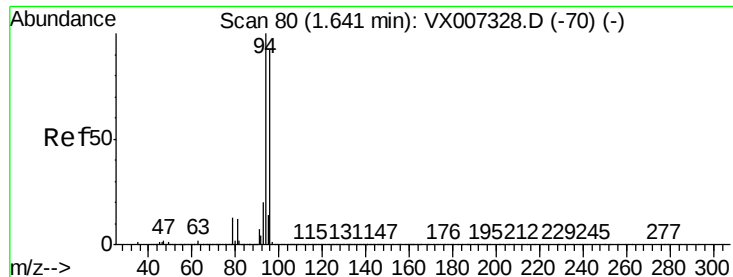
64 32.5 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 40.750 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007533.D

Acq: 13 Feb 2019 20:57

Instrument :

MSVOA_X

ClientSampleId :

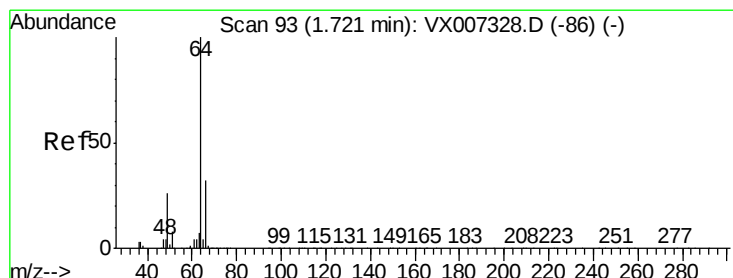
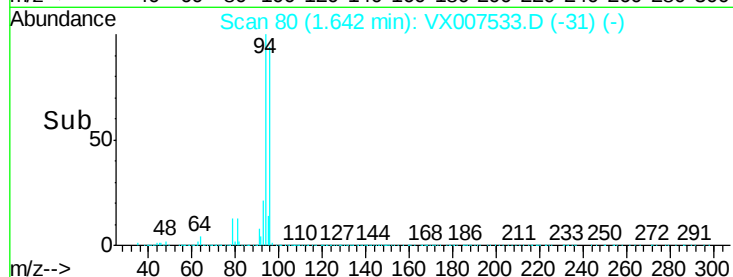
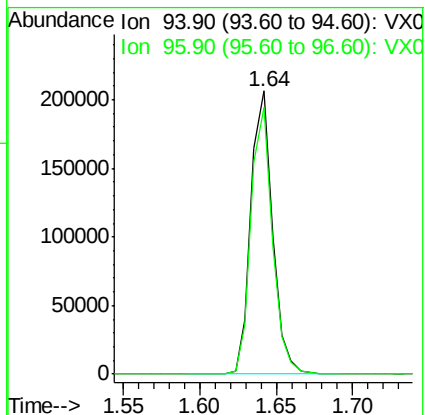
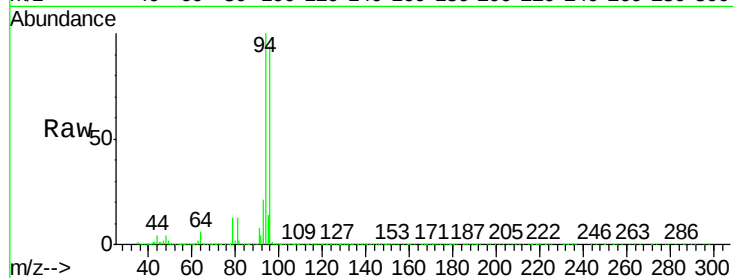
MW-2-20190208MS

Tot Ion: 94 Resp: 203224

Ion Ratio Lower Upper

94 100

96 94.1 73.9 110.9



#6

Chloroethane

Concen: 49.525 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX007533.D

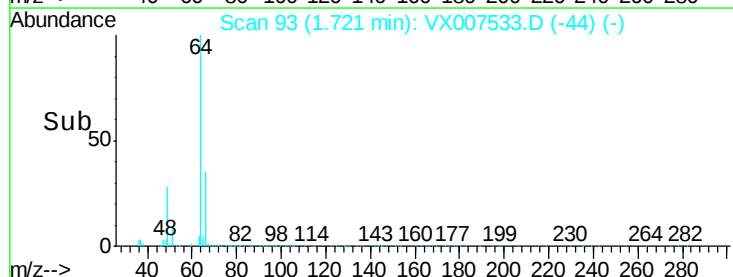
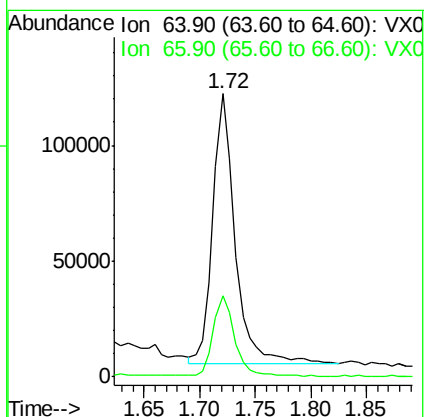
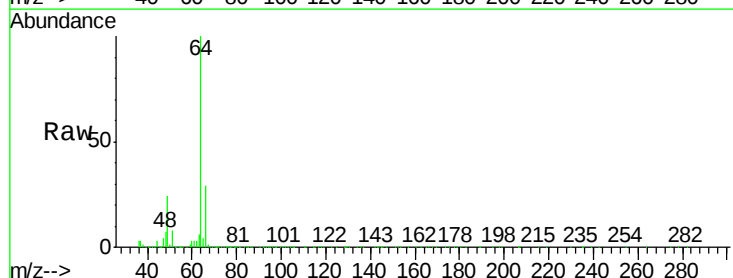
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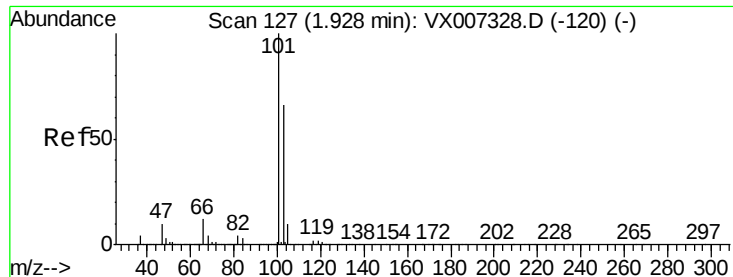
Tgt Ion: 64 Resp: 161229

Ion Ratio Lower Upper

64 100

66 29.7 25.5 38.3



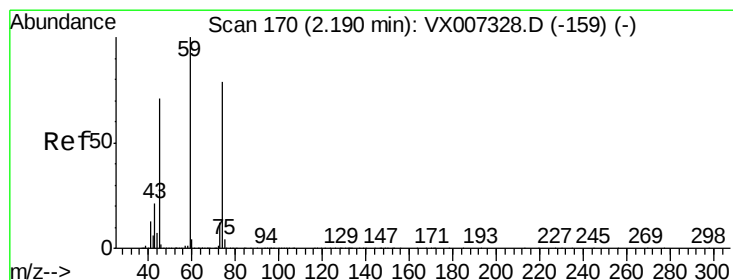
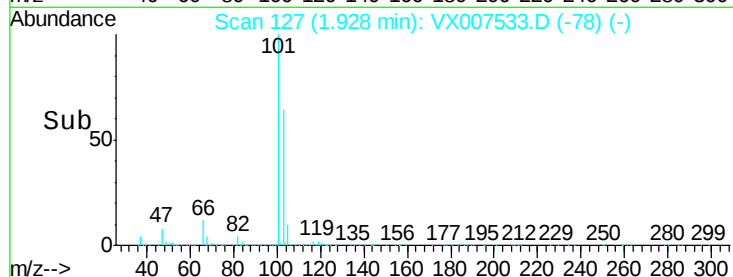
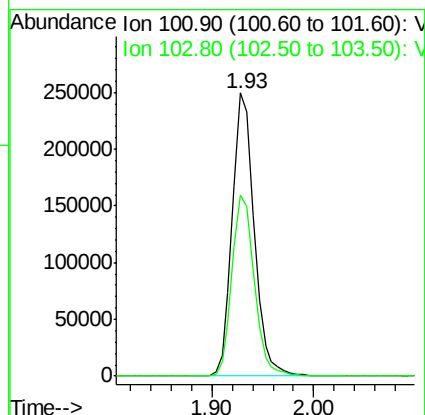
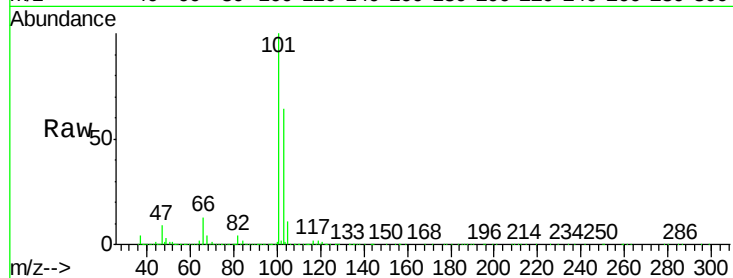


#7

Trichlorofluoromethane
 Concen: 47.223 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.00 min
 Lab File: VX007533.D
 Acq: 13 Feb 2019 20:57

Instrument :
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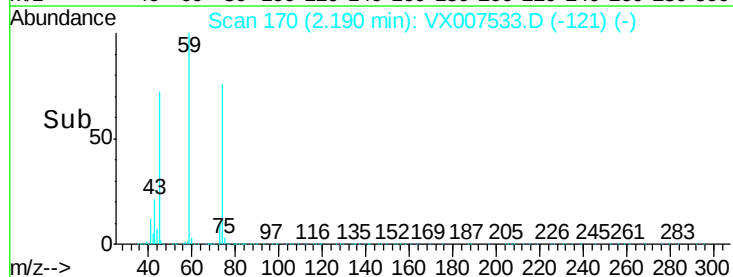
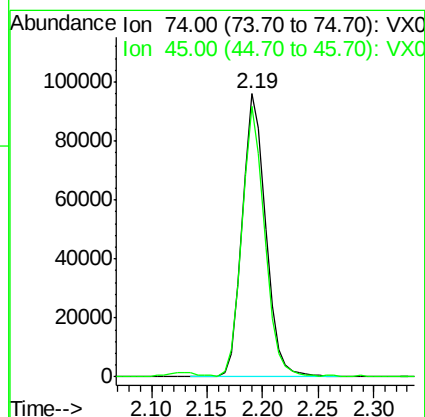
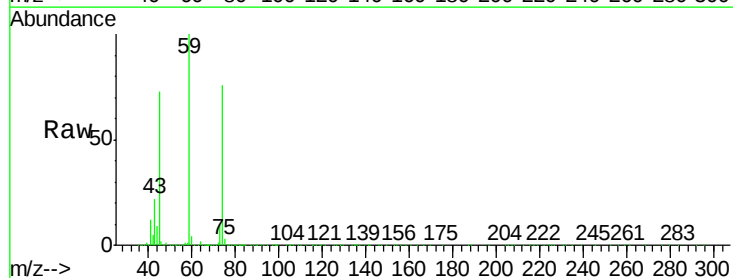
Tot Ion:101 Resp: 371764
 Ion Ratio Lower Upper
 101 100
 103 64.0 52.6 79.0

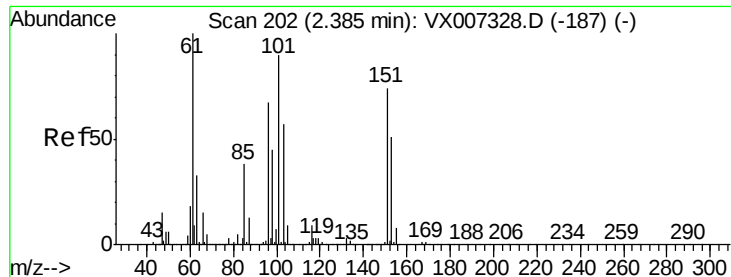


#8

Diethyl Ether
 Concen: 47.575 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX007533.D
 Acq: 13 Feb 2019 20:57

Tgt Ion: 74 Resp: 140970
 Ion Ratio Lower Upper
 74 100
 45 92.3 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.487 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007533.D

Acq: 13 Feb 2019 20:57

Instrument :

MSVOA_X

ClientSampleId :

MW-2-20190208MS

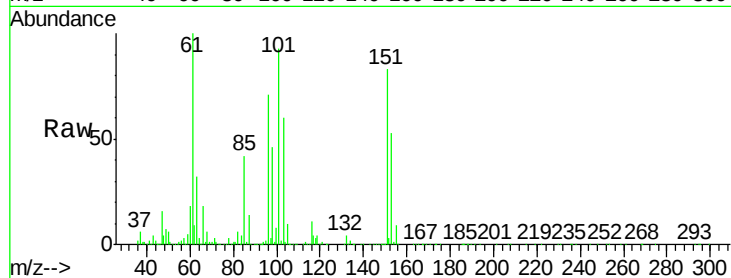
Tot Ion:101 Resp: 208325

Ion Ratio Lower Upper

101 100

85 45.0 34.1 51.1

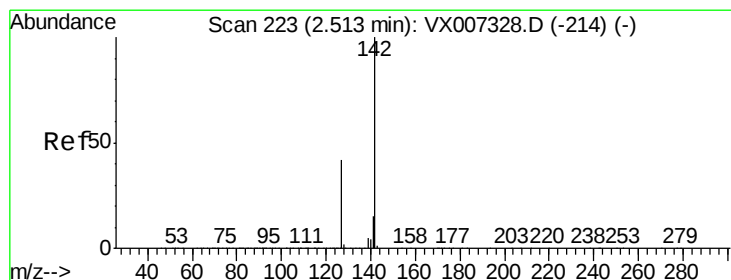
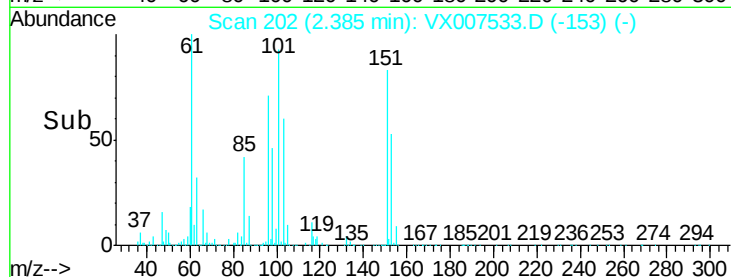
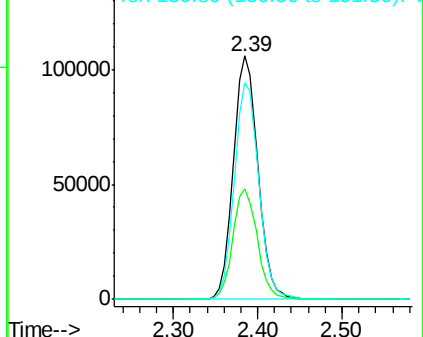
151 88.3 69.9 104.9



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: 39.883 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX007533.D

Acq: 13 Feb 2019 20:57

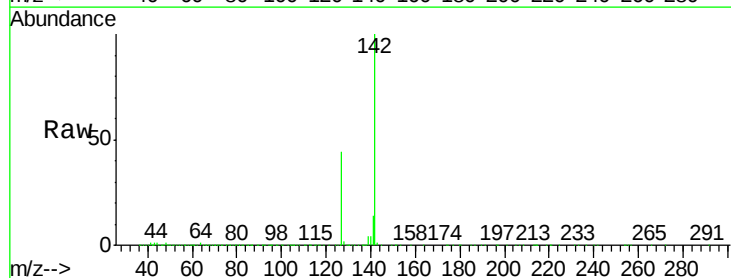
Tgt Ion:142 Resp: 274746

Ion Ratio Lower Upper

142 100

127 43.2 33.7 50.5

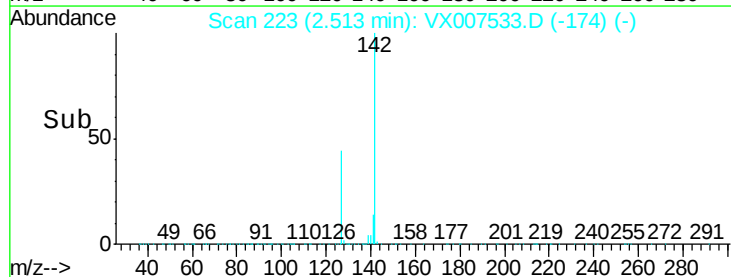
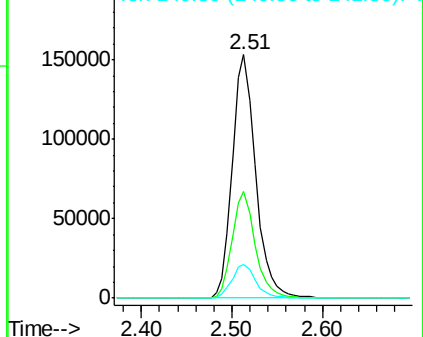
141 14.2 11.3 16.9

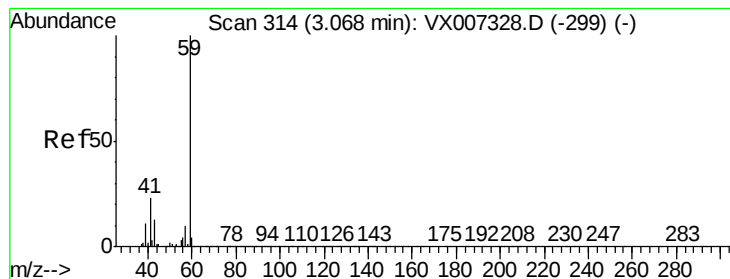


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



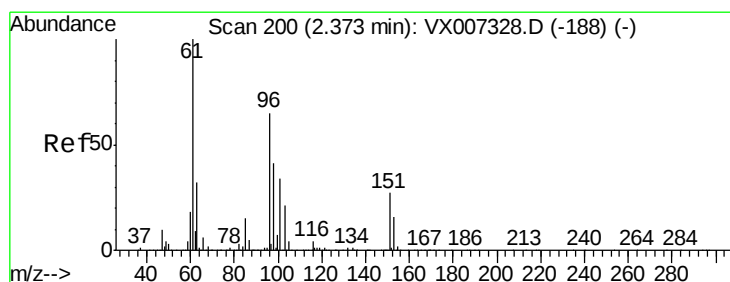
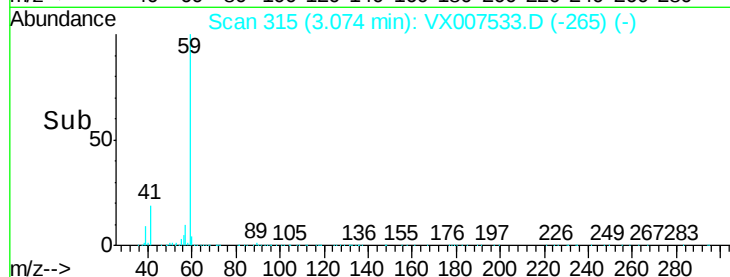
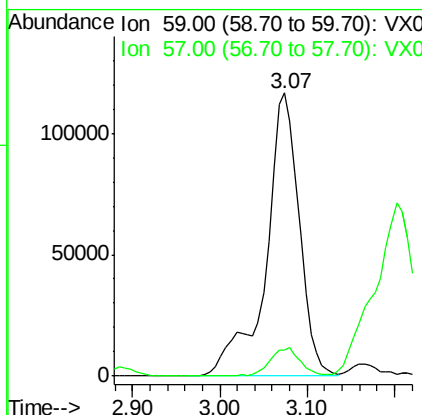
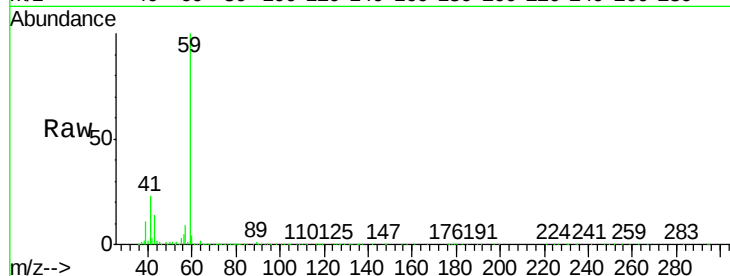


#11

Tert butyl alcohol
Concen: 311.116 ug/l
RT: 3.07 min Scan# 315
Delta R.T. 0.01 min
Lab File: VX007533.D
Acq: 13 Feb 2019 20:57

Instrument :
MSVOA_X
ClientSampleId :
MW-2-20190208MS

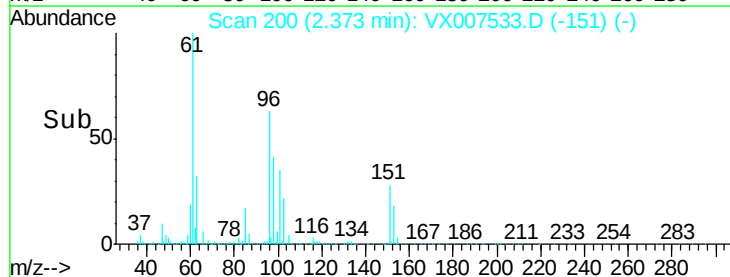
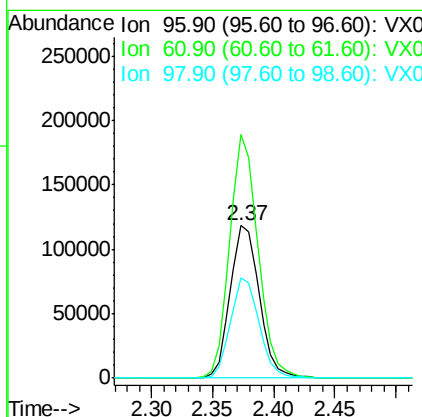
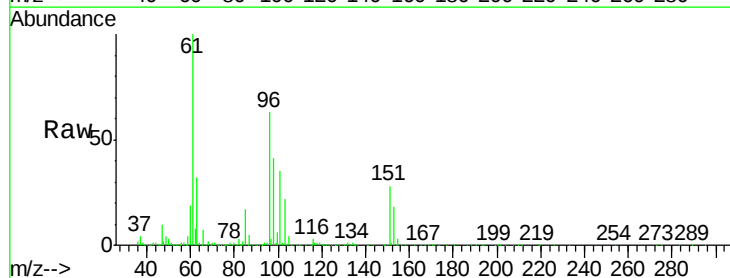
Tot Ion: 59 Resp: 311245
Ion Ratio Lower Upper
59 100
57 9.1 8.1 12.1

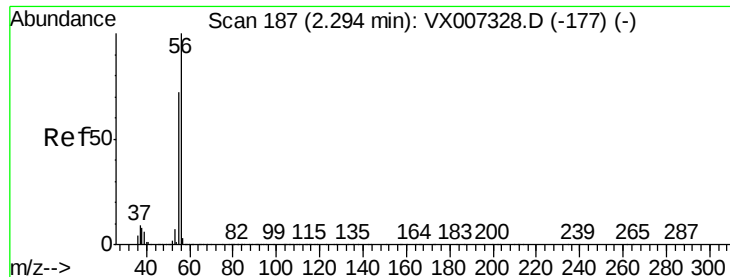


#12

1,1-Dichloroethene
Concen: 44.771 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX007533.D
Acq: 13 Feb 2019 20:57

Tgt Ion: 96 Resp: 194685
Ion Ratio Lower Upper
96 100
61 159.5 123.0 184.4
98 65.8 50.9 76.3





#13

Acrolein

Concen: 229.128 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX007533.D

Acq: 13 Feb 2019 20:57

Instrument :

MSVOA_X

ClientSampleId :

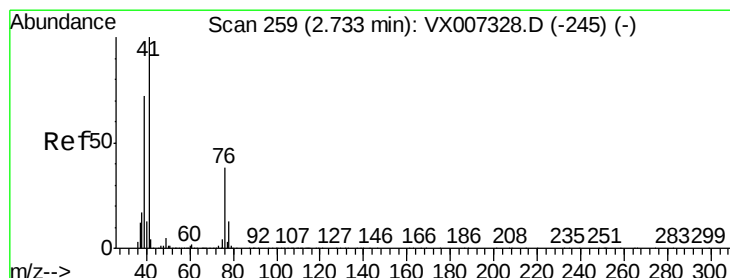
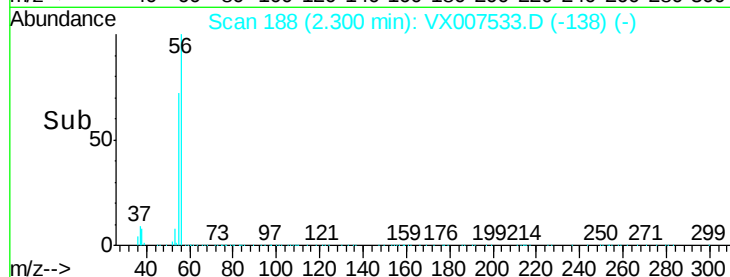
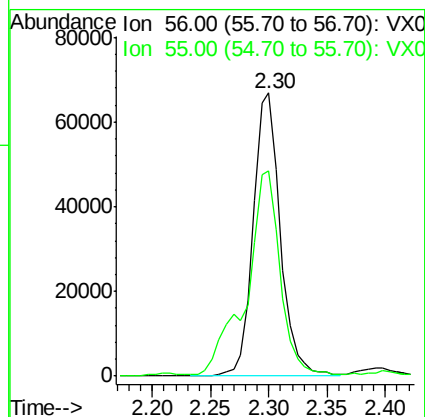
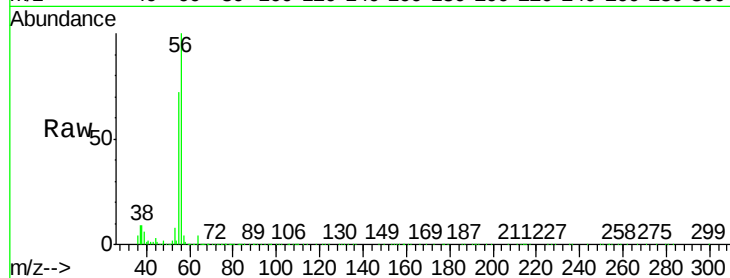
MW-2-20190208MS

Tot Ion: 56 Resp: 107489

Ion Ratio Lower Upper

56 100

55 89.6 56.9 85.3#



#14

Allyl chloride

Concen: 47.847 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.01 min

Lab File: VX007533.D

Acq: 13 Feb 2019 20:57

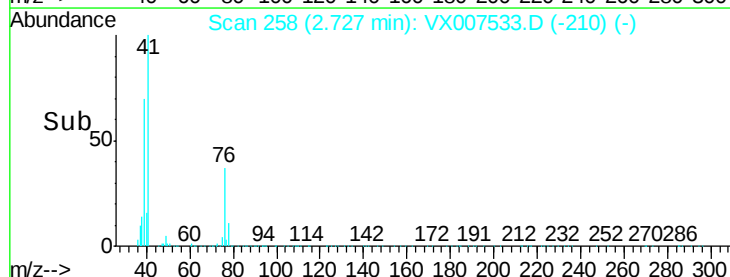
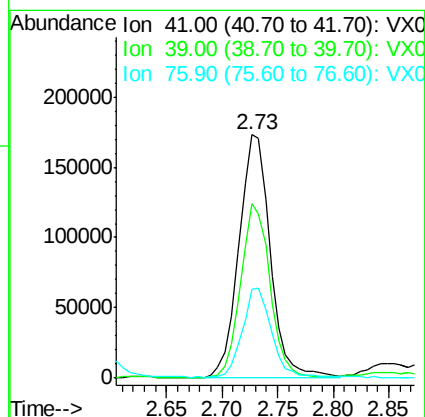
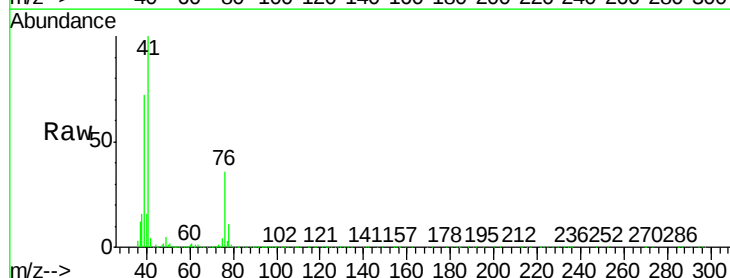
Tgt Ion: 41 Resp: 339013

Ion Ratio Lower Upper

41 100

39 67.0 54.1 81.1

76 34.0 27.8 41.8





#15

Acrylonitrile

Concen: 254.713 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX007533.D

Acq: 13 Feb 2019 20:57

Instrument :

MSVOA_X

ClientSampleId :

MW-2-20190208MS

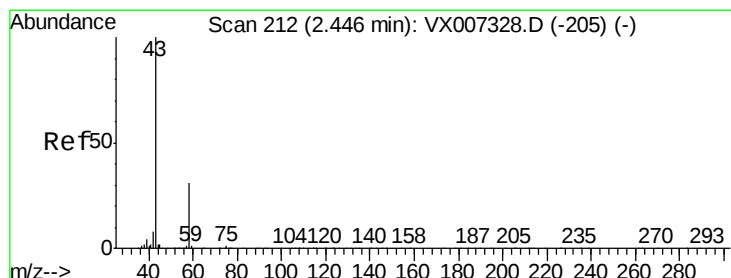
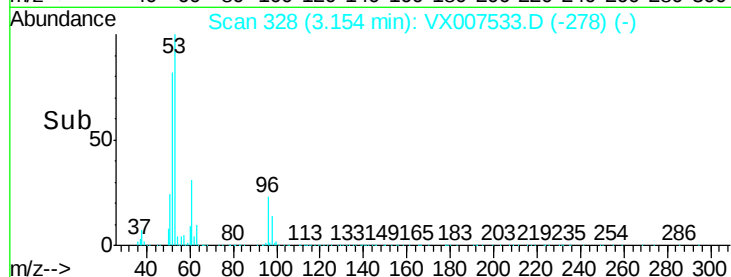
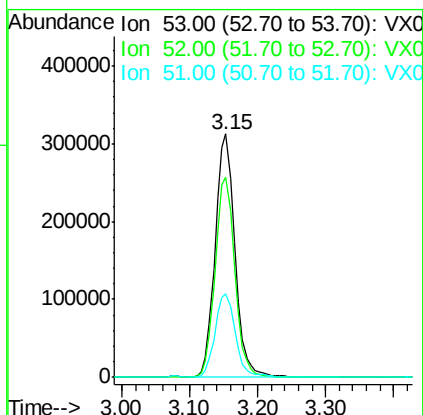
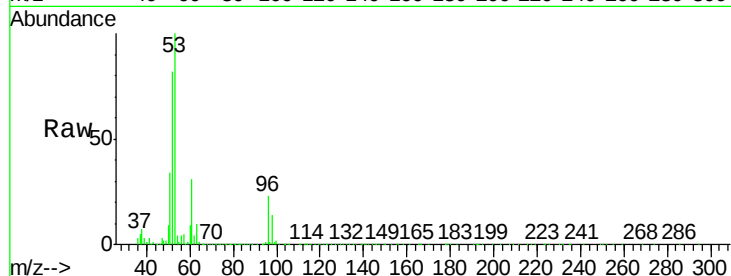
Tot Ion: 53 Resp: 630370

Ion Ratio Lower Upper

53 100

52 82.2 66.4 99.6

51 35.5 28.4 42.6



#16

Acetone

Concen: 254.650 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007533.D

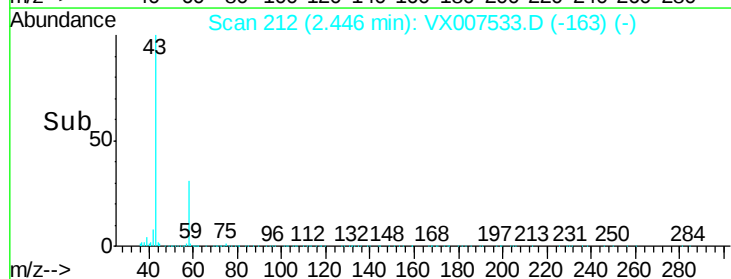
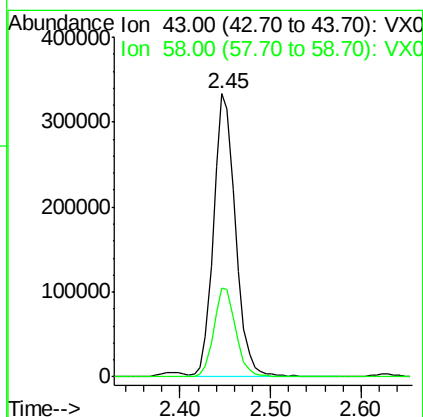
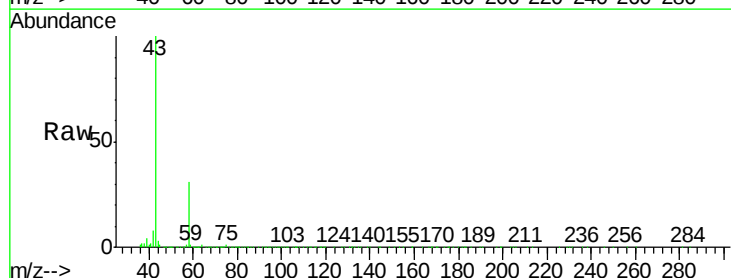
Acq: 13 Feb 2019 20:57

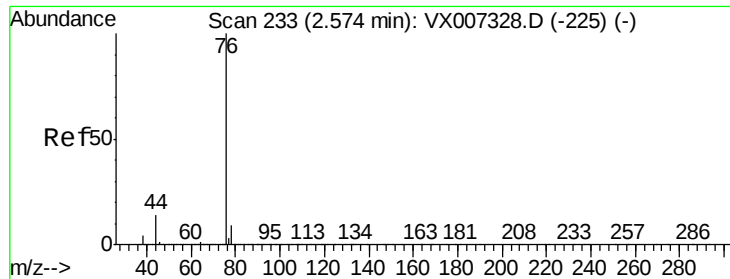
Tgt Ion: 43 Resp: 563886

Ion Ratio Lower Upper

43 100

58 31.3 24.9 37.3

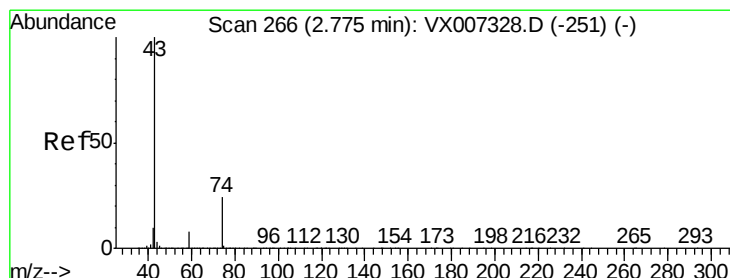
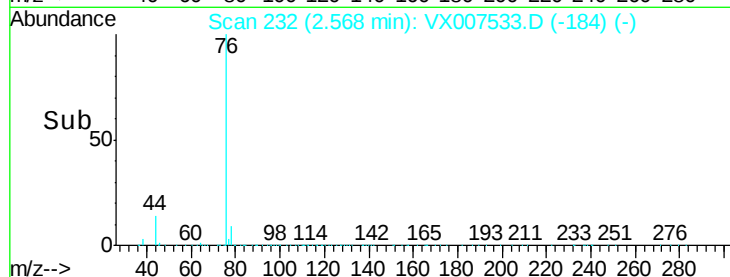
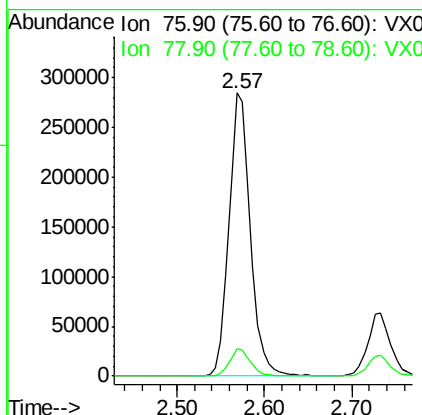
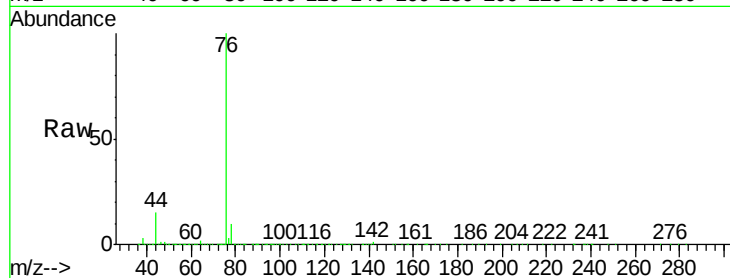




#17
Carbon Disulfide
Concen: 42.924 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.01 min
Lab File: VX007533.D
Acq: 13 Feb 2019 20:57

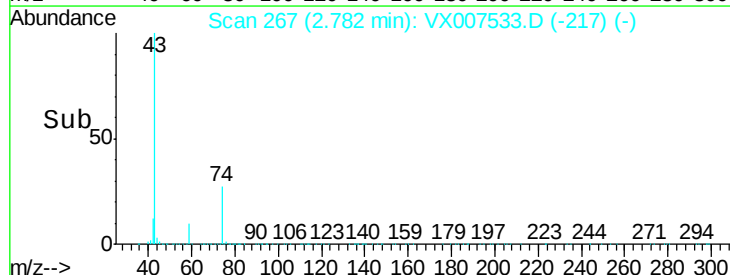
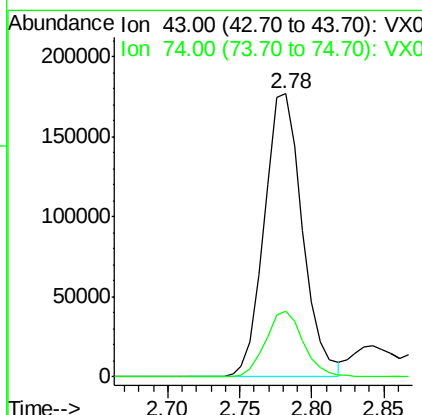
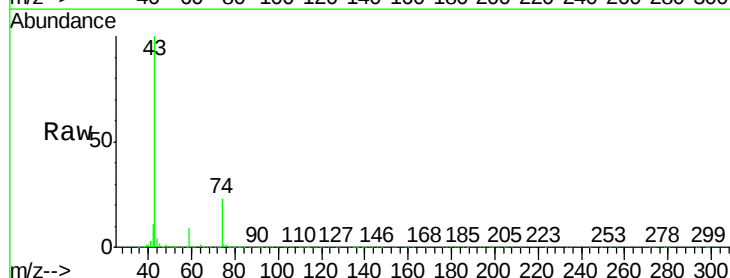
Instrument :
MSVOA_X
ClientSampleId :
MW-2-20190208MS

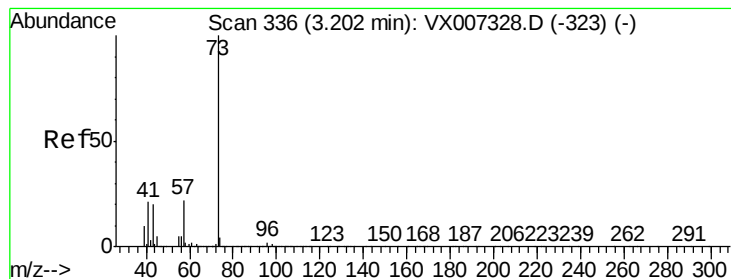
Tot Ion: 76 Resp: 484520
Ion Ratio Lower Upper
76 100
78 9.5 7.1 10.7



#18
Methyl Acetate
Concen: 56.085 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX007533.D
Acq: 13 Feb 2019 20:57

Tgt Ion: 43 Resp: 324005
Ion Ratio Lower Upper
43 100
74 23.1 19.4 29.2



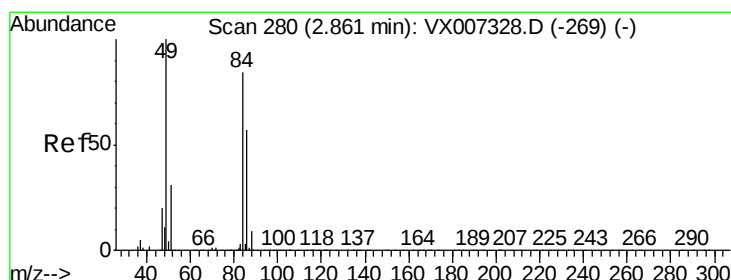
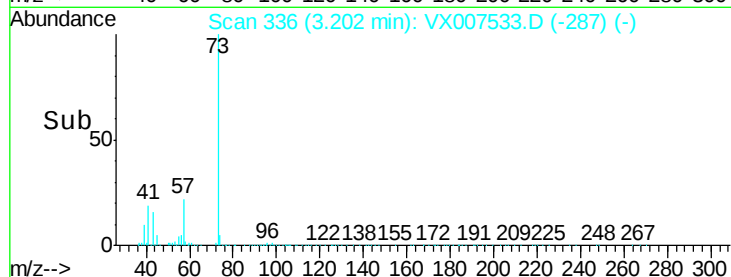
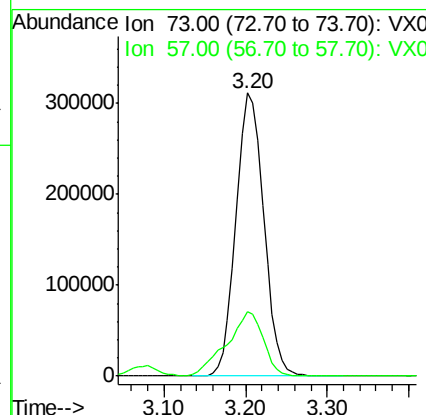
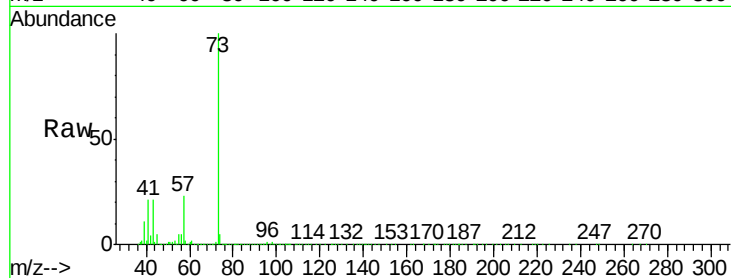


#19

Methyl tert-butyl Ether
 Concen: 52.173 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX007533.D
 Acq: 13 Feb 2019 20:57

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2-20190208MS

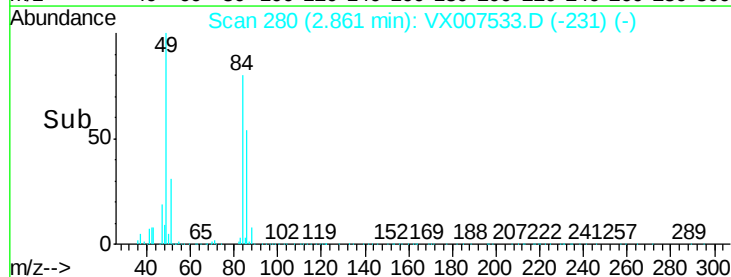
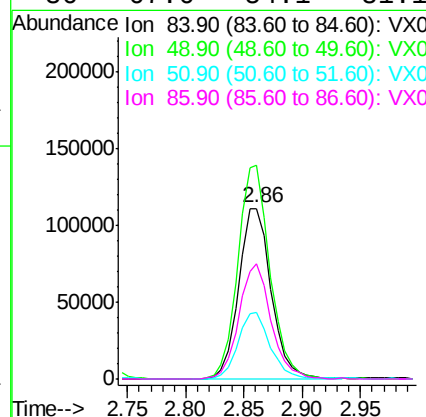
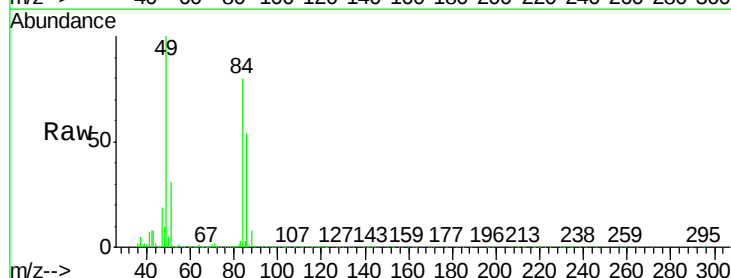
Tot Ion: 73 Resp: 735010
 Ion Ratio Lower Upper
 73 100
 57 22.8 17.8 26.8

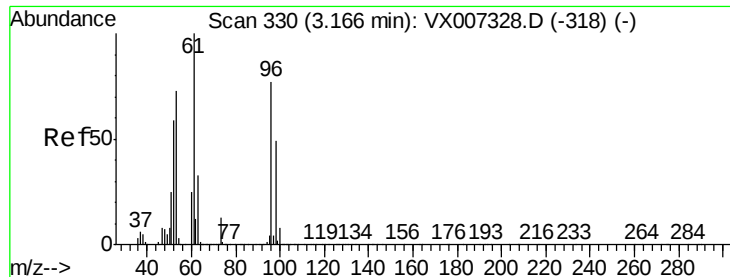


#20

Methylene Chloride
 Concen: 47.735 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: VX007533.D
 Acq: 13 Feb 2019 20:57

Tgt Ion: 84 Resp: 215988
 Ion Ratio Lower Upper
 84 100
 49 125.1 94.8 142.2
 51 38.7 29.8 44.8
 86 67.6 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 44.860 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007533.D

Acq: 13 Feb 2019 20:57

Instrument :

MSVOA_X

ClientSampleId :

MW-2-20190208MS

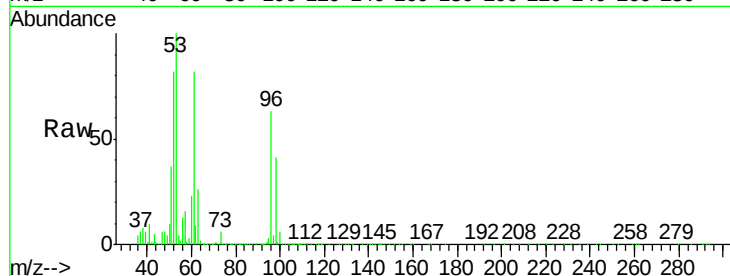
Tot Ion: 96 Resp: 207801

Ion Ratio Lower Upper

96 100

61 129.9 104.6 156.8

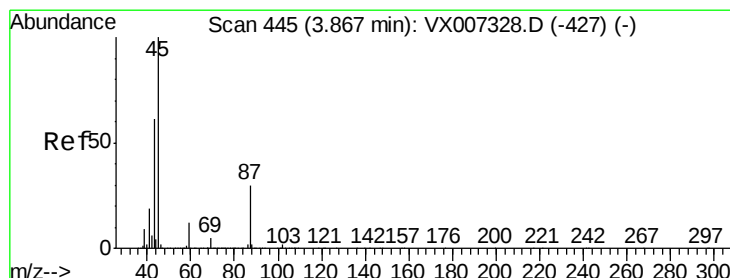
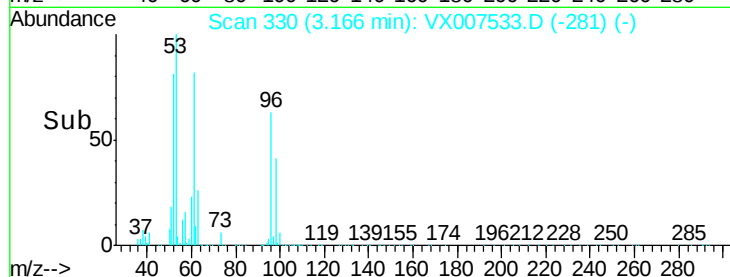
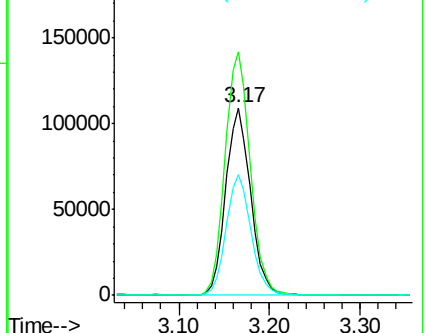
98 64.3 51.0 76.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 50.580 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX007533.D

Acq: 13 Feb 2019 20:57

Tgt Ion: 45 Resp: 659210

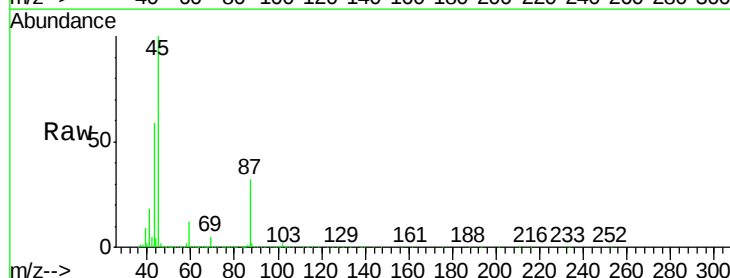
Ion Ratio Lower Upper

45 100

43 59.0 48.9 73.3

87 31.7 23.9 35.9

59 12.0 9.6 14.4

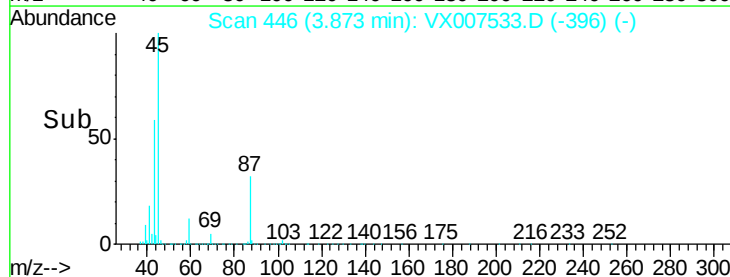
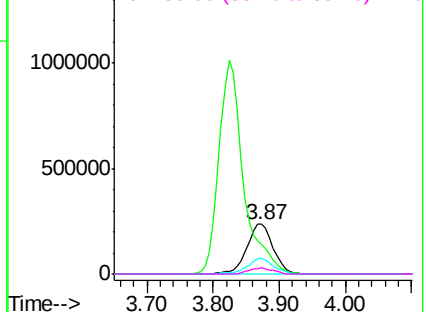


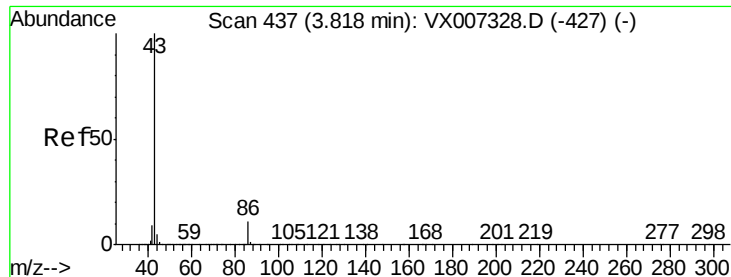
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 242.219 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX007533.D

Acq: 13 Feb 2019 20:57

Instrument :

MSVOA_X

ClientSampleId :

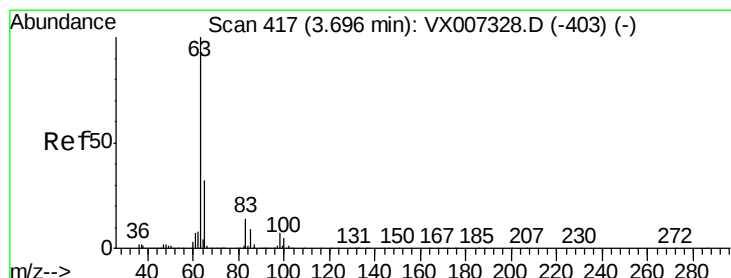
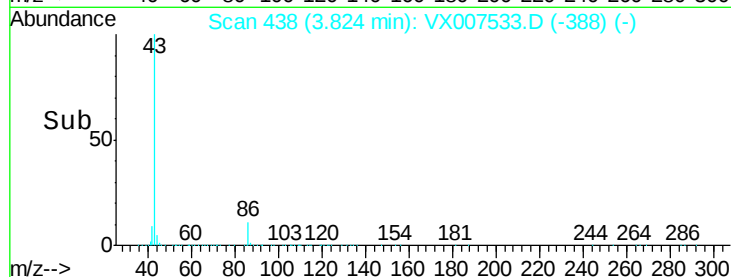
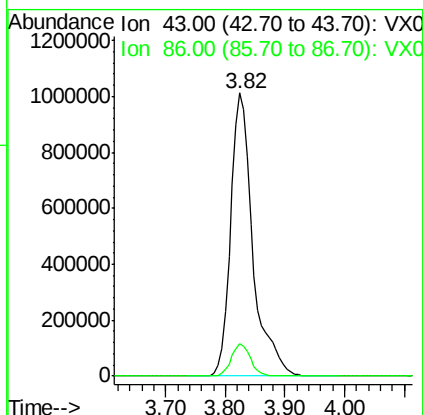
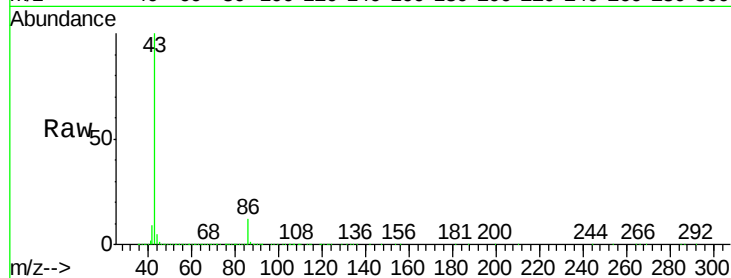
MW-2-20190208MS

Tot Ion: 43 Resp: 2619614

Ion Ratio Lower Upper

43 100

86 11.5 8.7 13.1



#24

1,1-Dichloroethane

Concen: 49.178 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007533.D

Acq: 13 Feb 2019 20:57

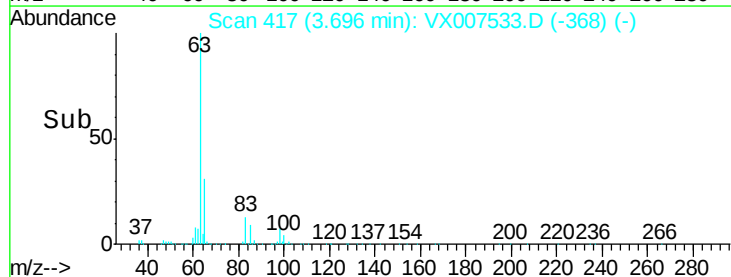
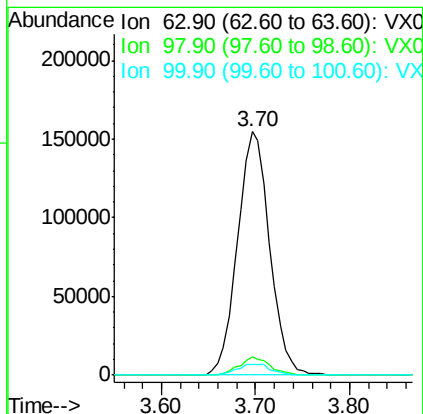
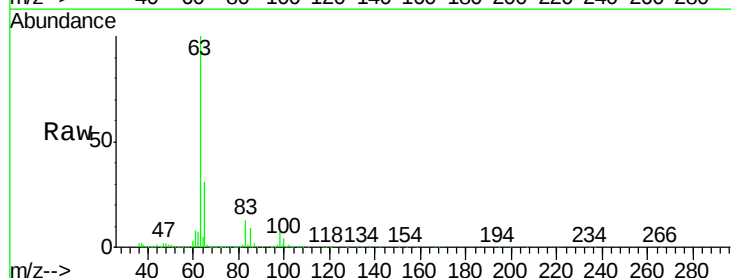
Tgt Ion: 63 Resp: 368076

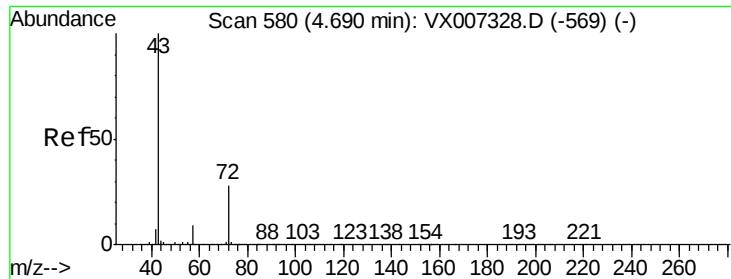
Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.8

100 4.2 2.5 7.4





#25

2-Butanone

Concen: 266.839 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX007533.D

Acq: 13 Feb 2019 20:57

Instrument :

MSVOA_X

ClientSampleId :

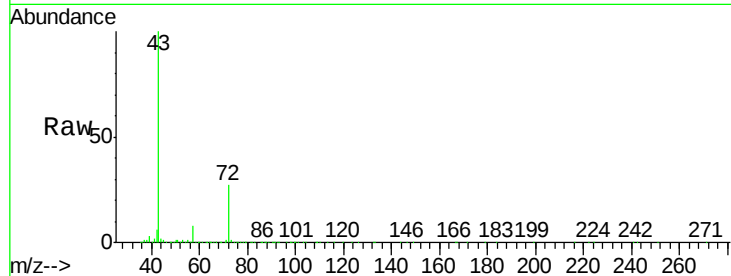
MW-2-20190208MS

Tot Ion: 43 Resp: 840891

Ion Ratio Lower Upper

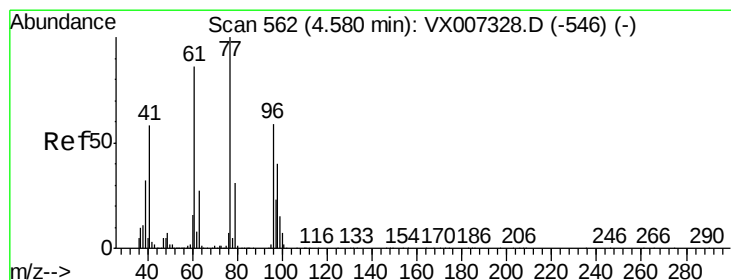
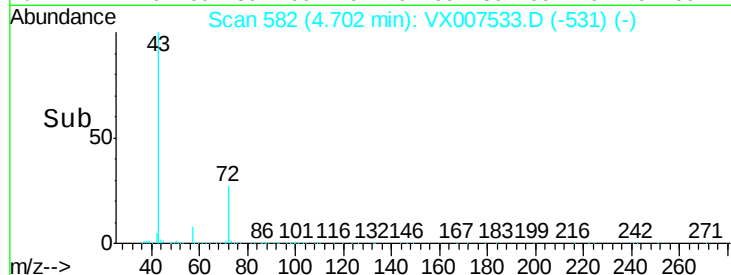
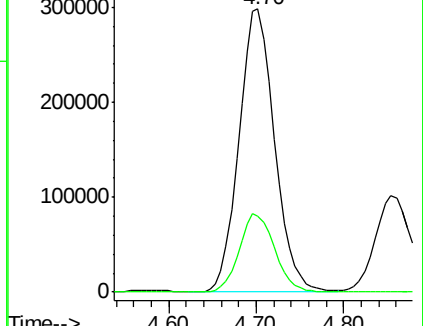
43 100

72 26.8 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 42.065 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX007533.D

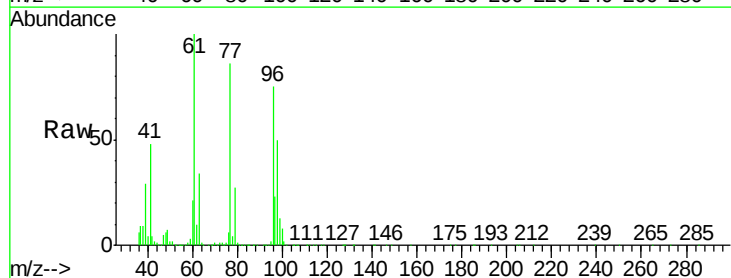
Acq: 13 Feb 2019 20:57

Tgt Ion: 77 Resp: 239765

Ion Ratio Lower Upper

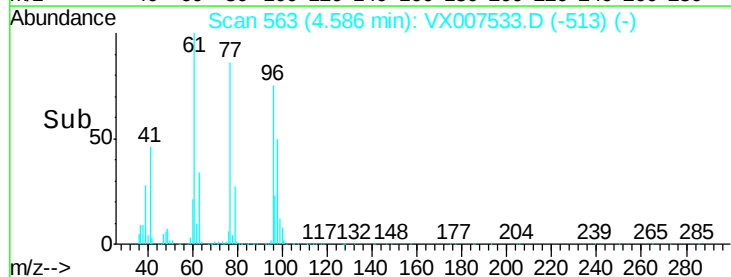
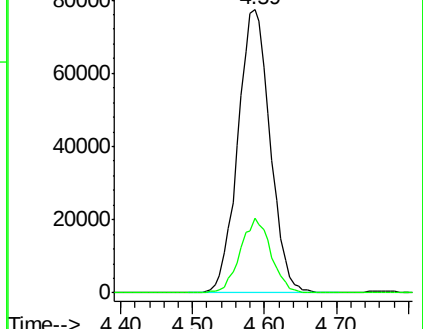
77 100

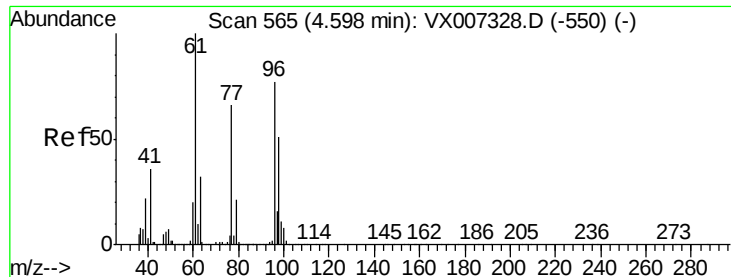
97 25.2 12.1 36.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



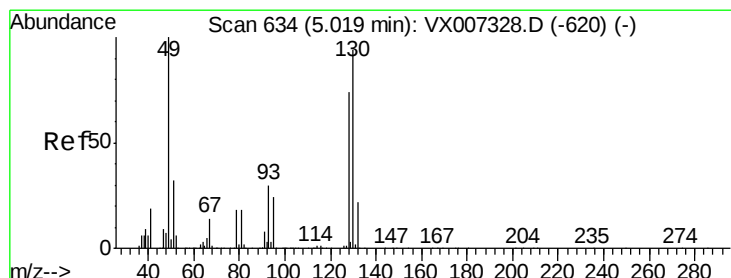
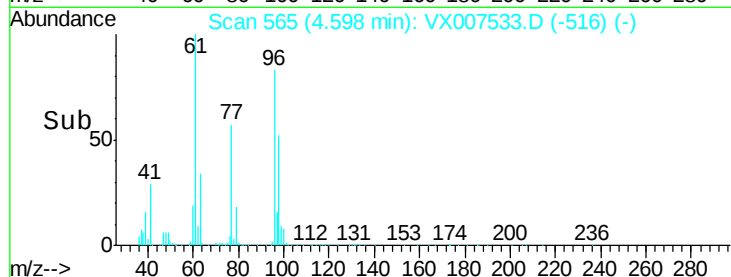
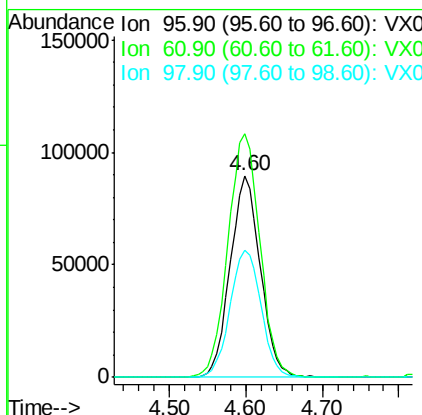
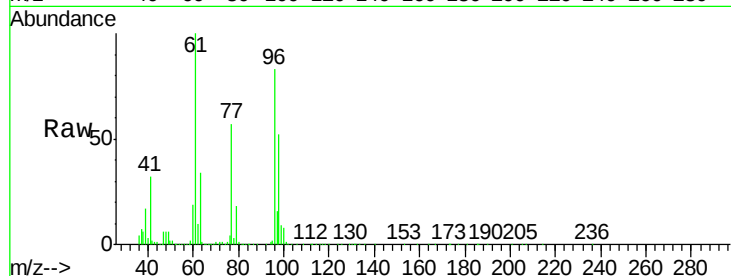


#27

cis-1,2-Dichloroethene
Concen: 48.324 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX007533.D
Acq: 13 Feb 2019 20:57

Instrument :
MSVOA_X
ClientSampleId :
MW-2-20190208MS

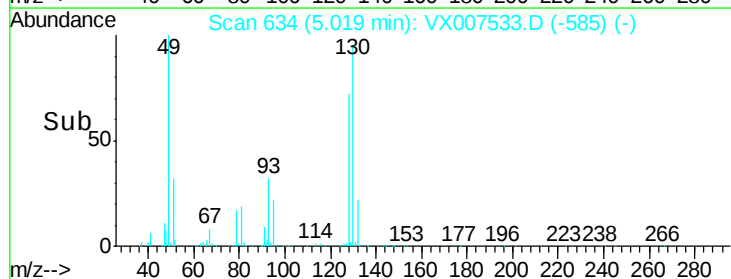
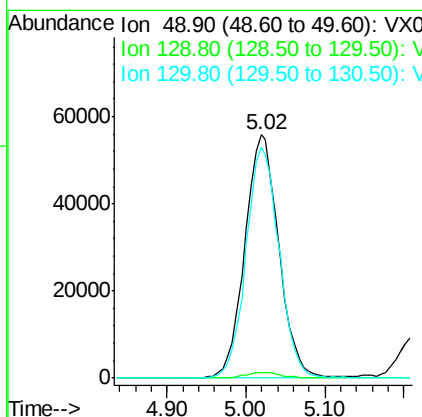
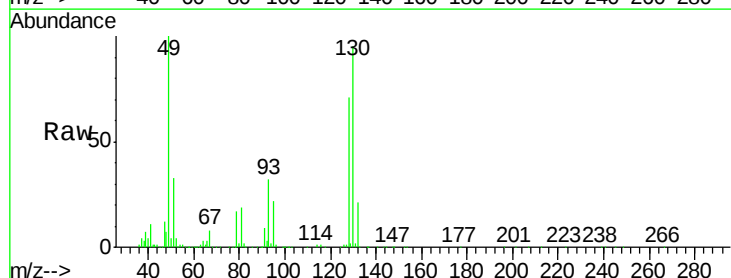
Tot Ion	Ratio	Lower	Upper
96	100		
61	127.4	0.0	265.6
98	65.2	0.0	131.6



#28

Bromochloromethane
Concen: 48.549 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX007533.D
Acq: 13 Feb 2019 20:57

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.6
130	92.4	75.6	113.4

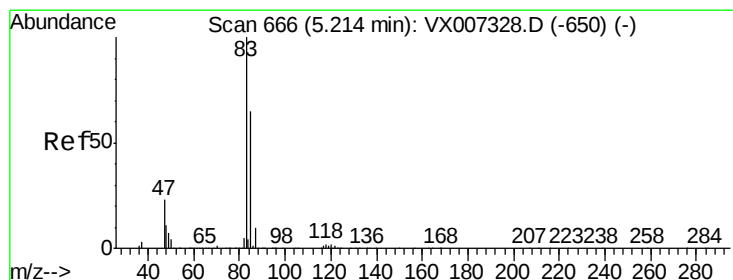
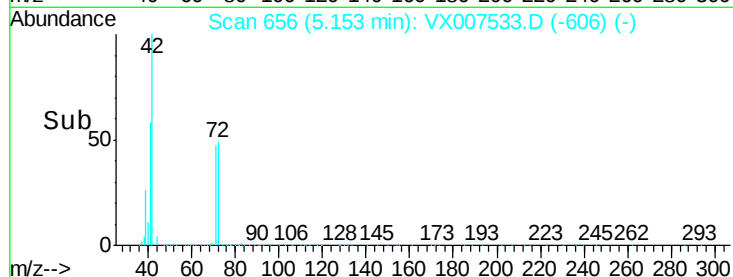
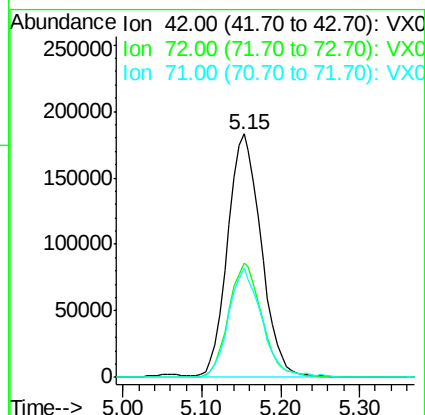
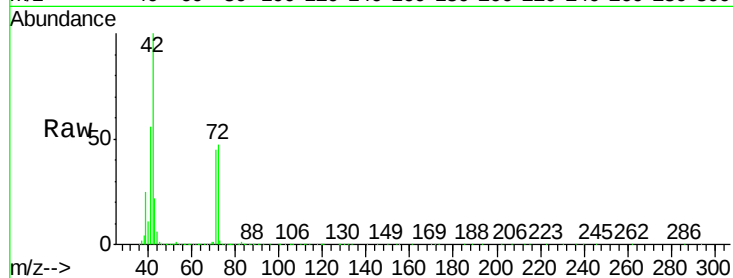




#29
Tetrahydrofuran
Concen: 272.589 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.01 min
Lab File: VX007533.D
Acq: 13 Feb 2019 20:57

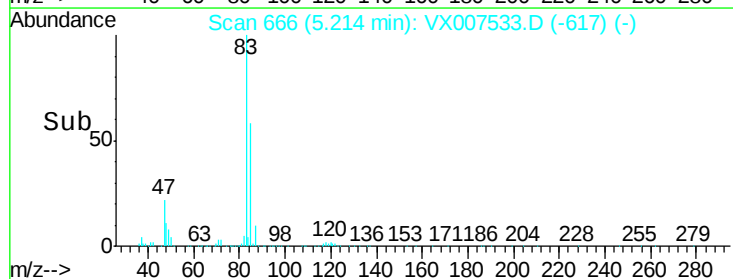
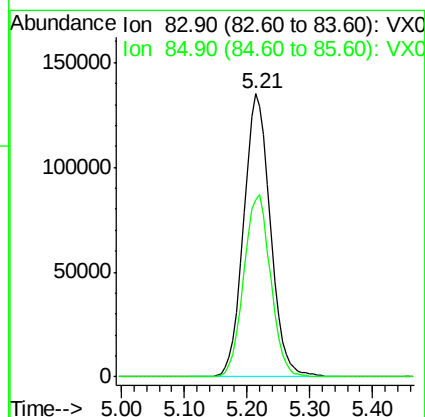
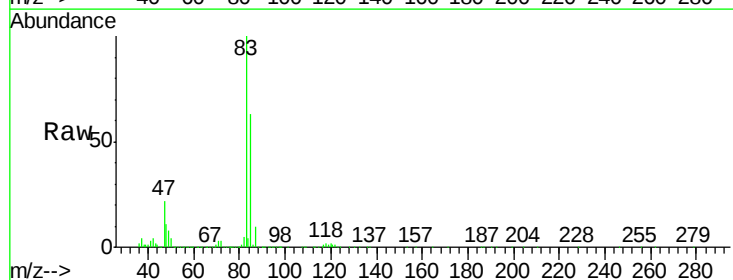
Instrument :
MSVOA_X
ClientSampleId :
MW-2-20190208MS

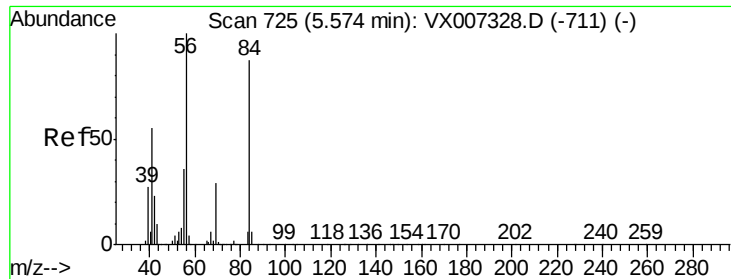
Tot Ion	Ratio	Lower	Upper
42	100		
72	47.1	37.6	56.4
71	44.8	34.6	51.8



#30
Chloroform
Concen: 50.919 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX007533.D
Acq: 13 Feb 2019 20:57

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.7	51.6	77.4

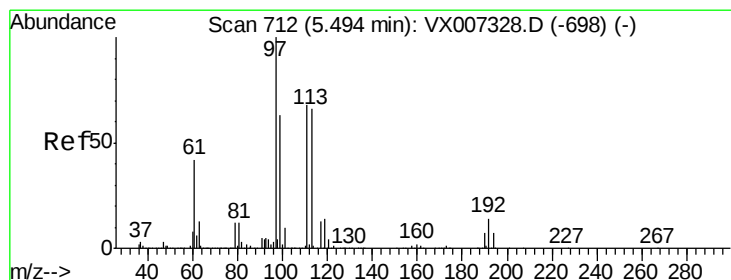
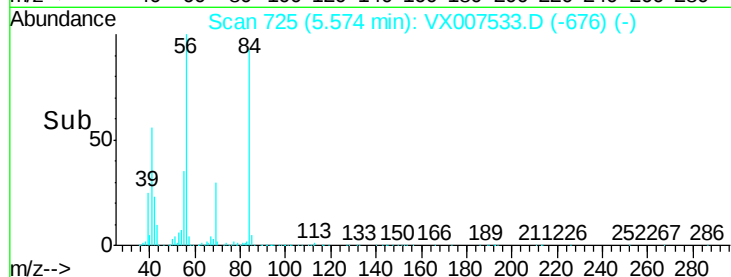
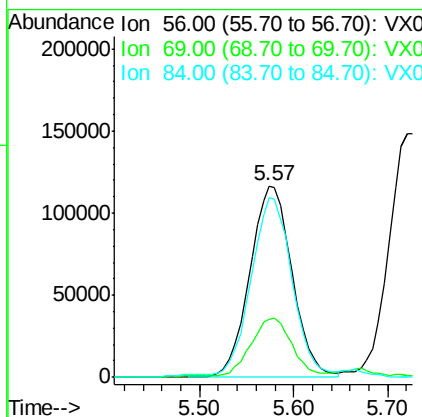
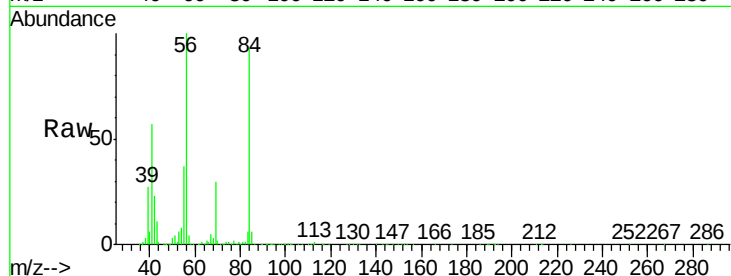




#31
Cyclohexane
Concen: 54.292 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX007533.D
Acq: 13 Feb 2019 20:57

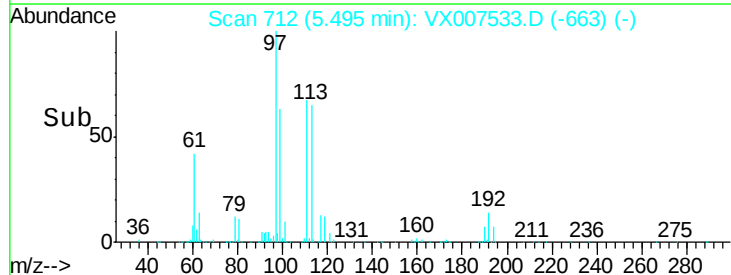
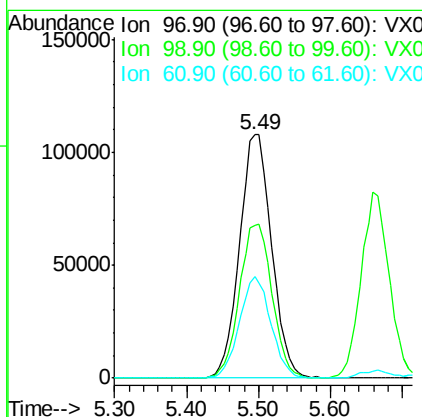
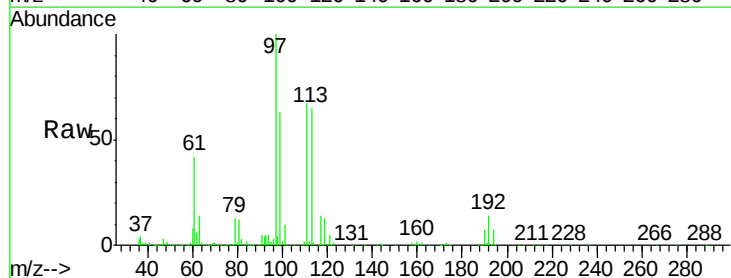
Instrument :
MSVOA_X
ClientSampleId :
MW-2-20190208MS

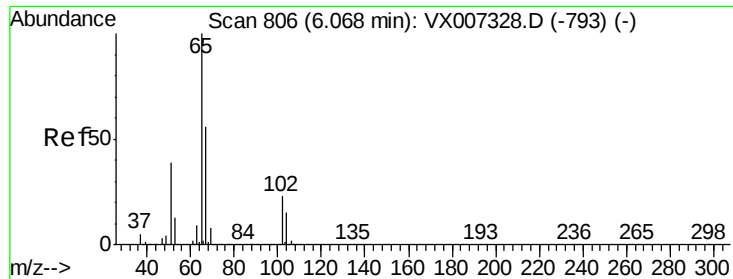
Tot Ion	Ratio	Lower	Upper
56	100		
69	29.4	23.0	34.6
84	92.0	69.8	104.6



#32
1,1,1-Trichloroethane
Concen: 50.706 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX007533.D
Acq: 13 Feb 2019 20:57

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	52.2	78.2
61	40.9	32.7	49.1

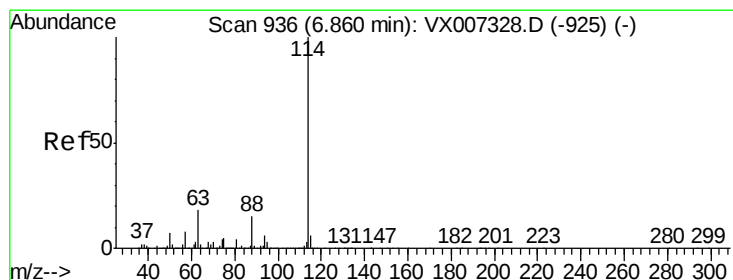
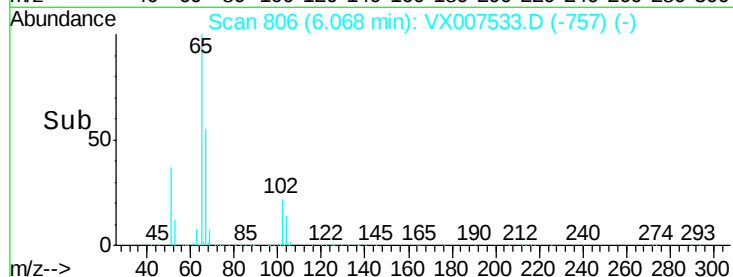
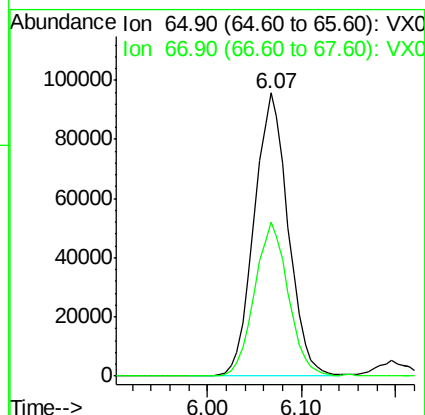
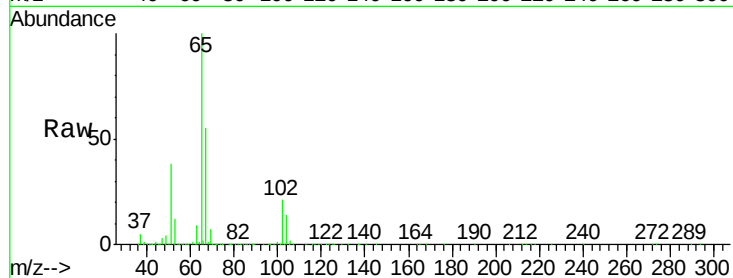




#33
 1,2-Dichloroethane-d4
 Concen: 50.178 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007533.D
 Acq: 13 Feb 2019 20:57

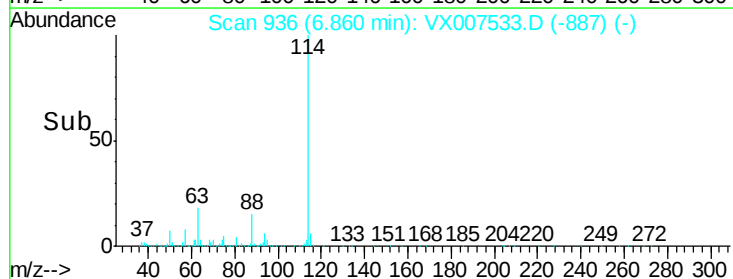
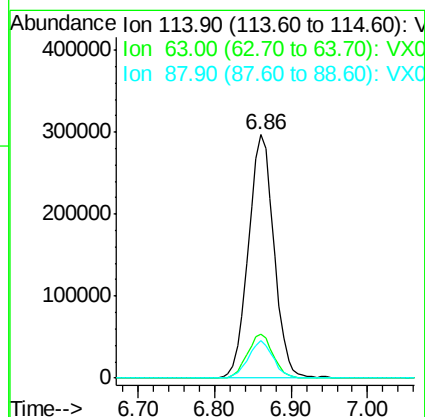
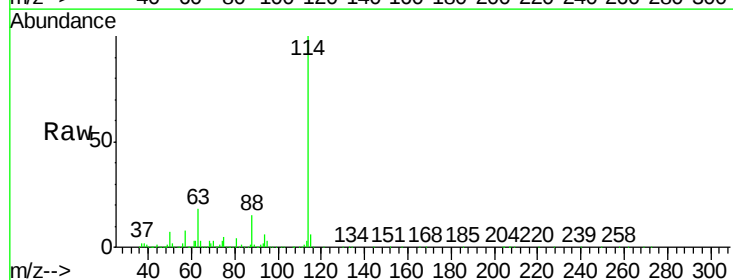
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2-20190208MS

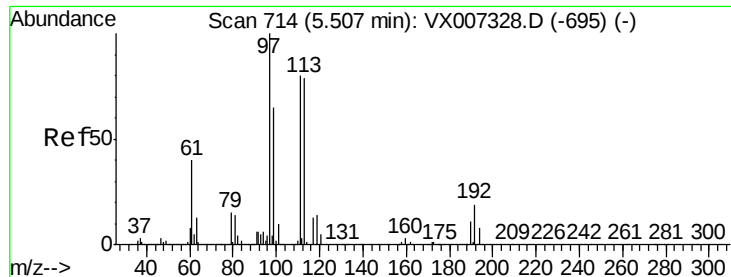
Tot Ion: 65 Resp: 242562
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007533.D
 Acq: 13 Feb 2019 20:57

Tgt Ion: 114 Resp: 689441
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 35.6
 88 15.1 0.0 29.6





#35

Dibromofluoromethane

Concen: 50.568 ug/l

RT: 5.50 min Scan# 713

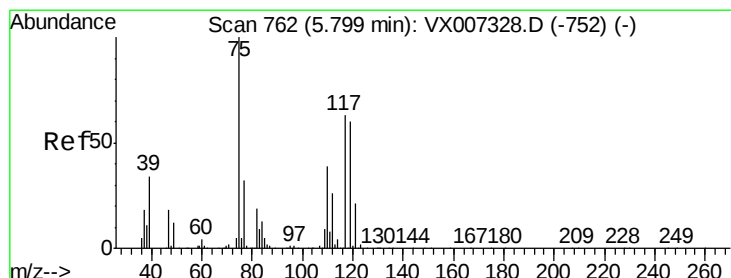
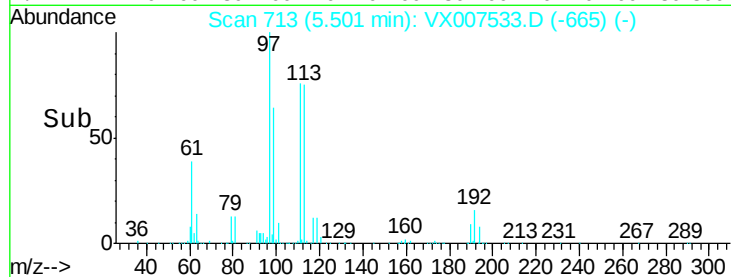
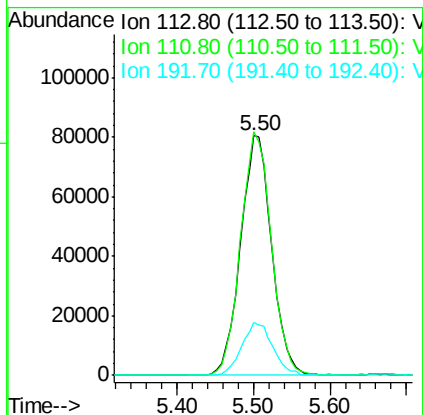
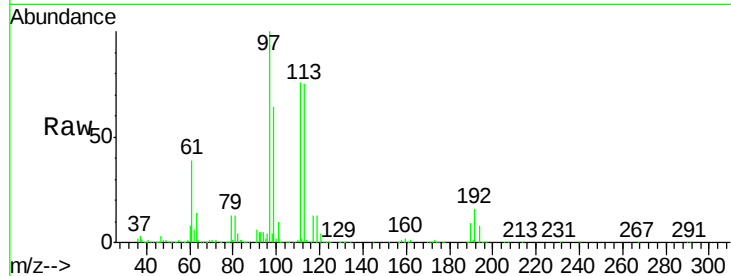
Delta R.T. -0.01 min

Lab File: VX007533.D

Acq: 13 Feb 2019 20:57

Instrument :
MSVOA_X
ClientSampleId :
MW-2-20190208MS

Tot Ion	Ratio	Lower	Upper
113	100		
111	100.6	81.8	122.8
192	22.1	18.5	27.7



#36

1,1-Dichloropropene

Concen: 44.086 ug/l

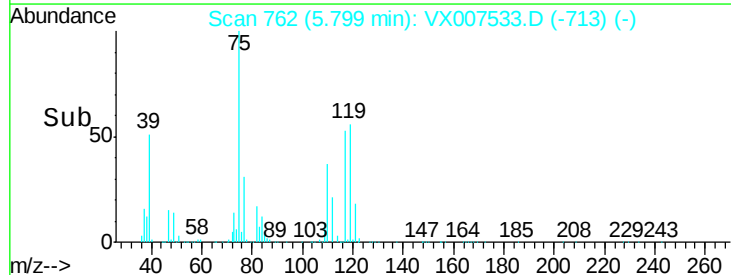
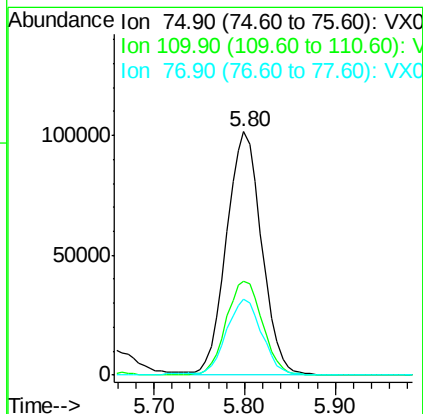
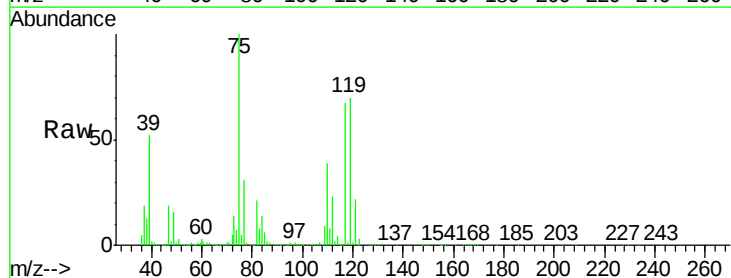
RT: 5.80 min Scan# 762

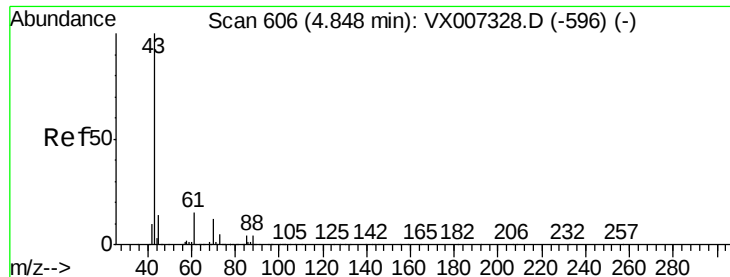
Delta R.T. 0.00 min

Lab File: VX007533.D

Acq: 13 Feb 2019 20:57

Tgt Ion	Ratio	Lower	Upper
75	100		
110	40.2	20.0	59.9
77	31.2	24.7	37.1

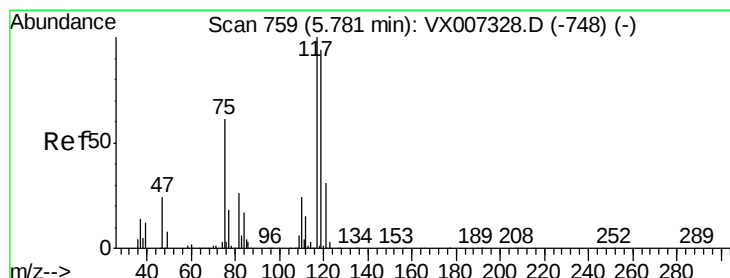
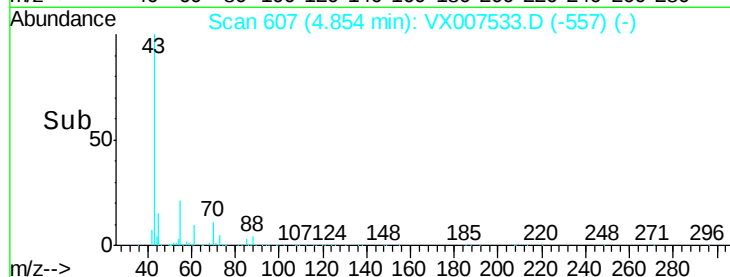
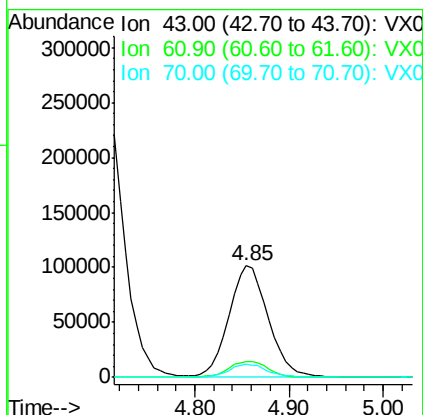
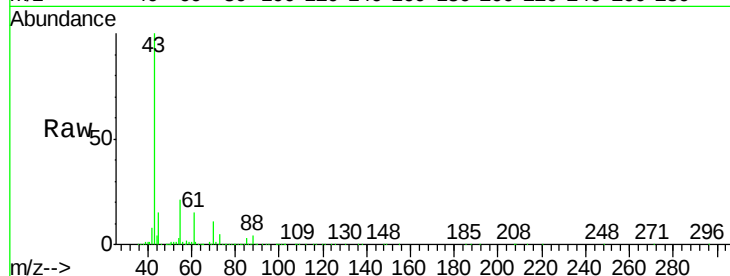




#37
Ethyl Acetate
Concen: 46.970 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX007533.D
Acq: 13 Feb 2019 20:57

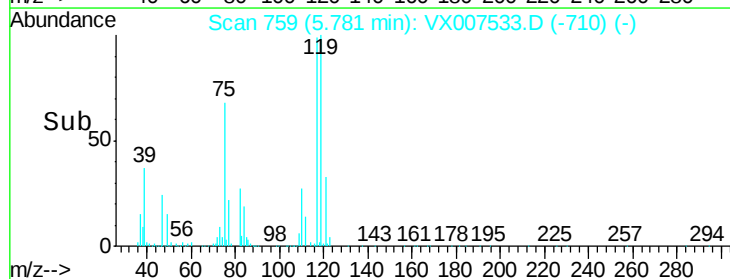
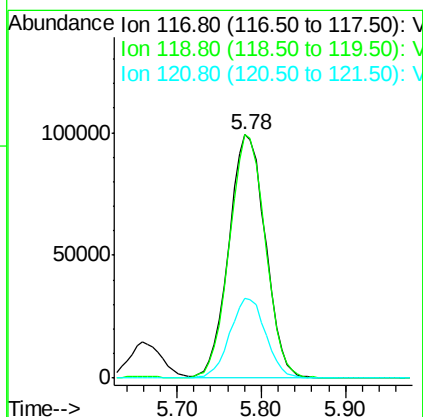
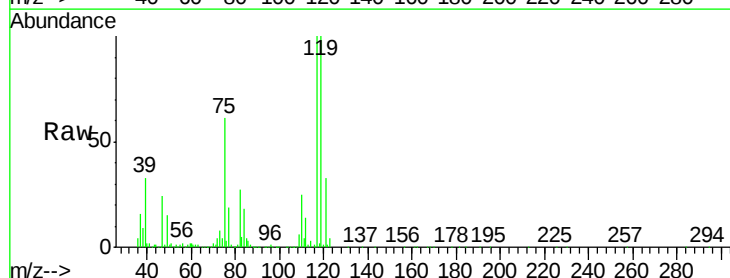
Instrument :
MSVOA_X
ClientSampleId :
MW-2-20190208MS

Tot Ion	43	Resp	293710
Ion Ratio	Lower	Upper	
43	100		
61	14.2	11.3	16.9
70	11.7	8.6	13.0



#38
Carbon Tetrachloride
Concen: 48.649 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX007533.D
Acq: 13 Feb 2019 20:57

Tgt Ion	117	Resp	291961
Ion Ratio	Lower	Upper	
117	100		
119	99.8	75.3	112.9
121	32.7	25.0	37.4

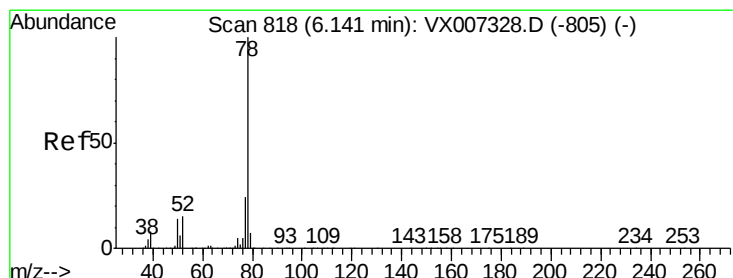
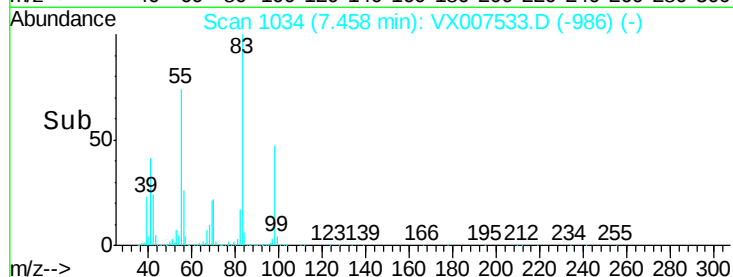
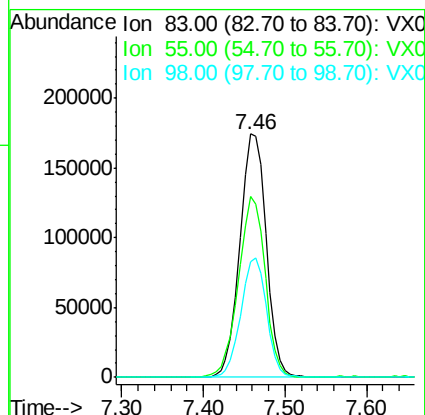
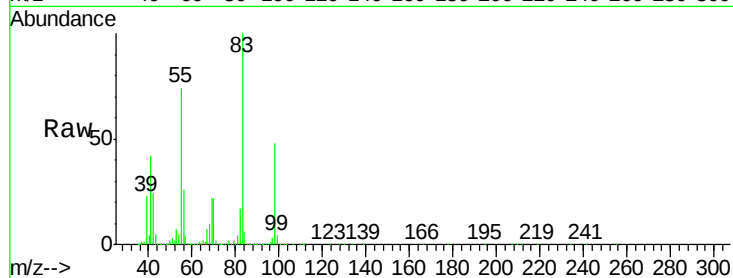




#39
Methvlcvclohexane
Concen: 52.109 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007533.D
Acq: 13 Feb 2019 20:57

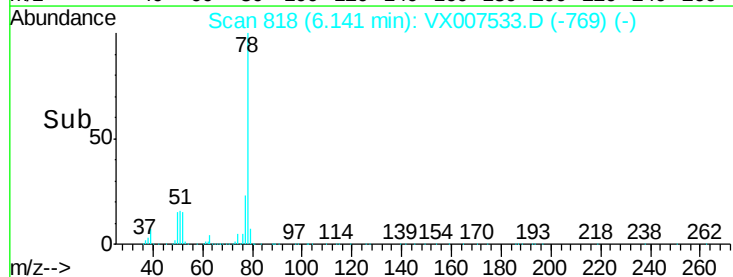
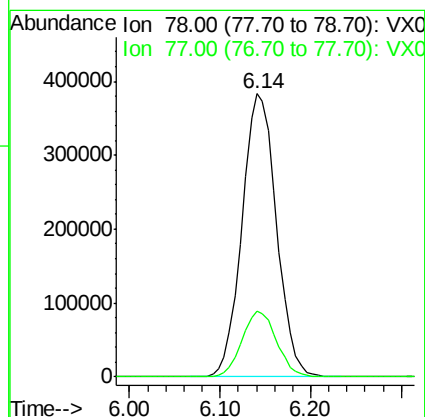
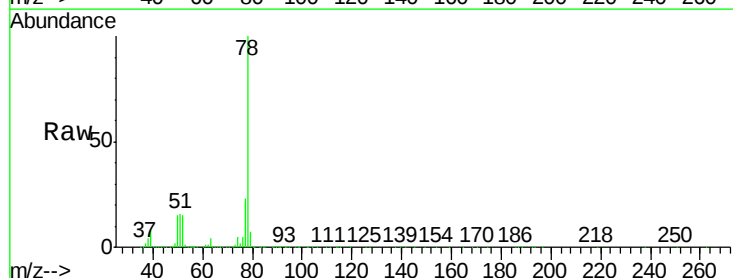
Instrument :
MSVOA_X
ClientSampleId :
MW-2-20190208MS

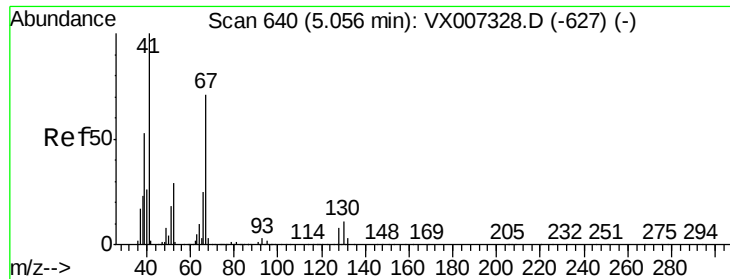
Tot Ion: 83 Resp: 390004
Ion Ratio Lower Upper
83 100
55 74.0 56.2 84.2
98 47.5 36.8 55.2



#40
Benzene
Concen: 55.090 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007533.D
Acq: 13 Feb 2019 20:57

Tgt Ion: 78 Resp: 1003843
Ion Ratio Lower Upper
78 100
77 23.1 19.3 28.9

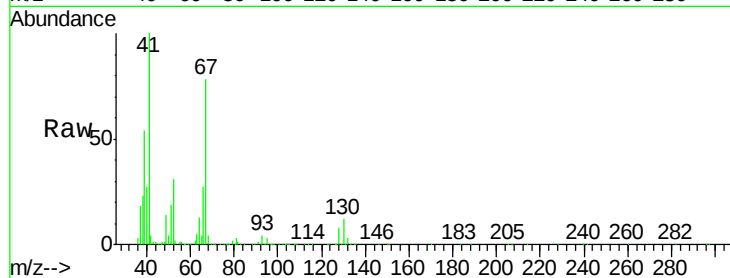




#41
Methacrylonitrile
Concen: 50.895 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX007533.D
Acq: 13 Feb 2019 20:57

Instrument :
MSVOA_X
ClientSampleId :
MW-2-20190208MS

Tot Ion:	41	Resp:	170570
Ion	Ratio	Lower	Upper
41	100		
39	55.3	44.5	66.7
67	76.2	60.4	90.6
52	30.3	24.1	36.1



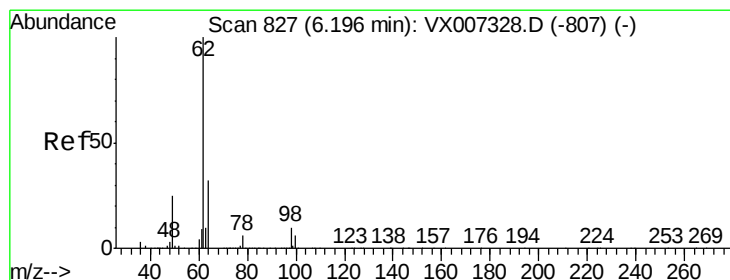
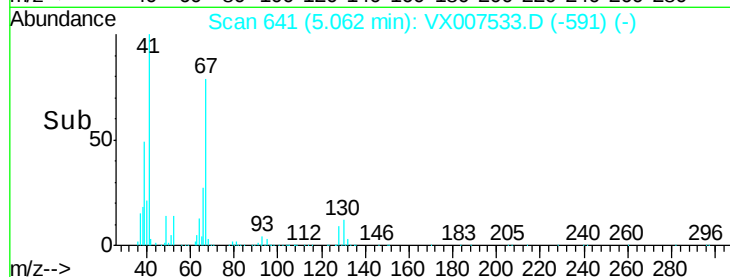
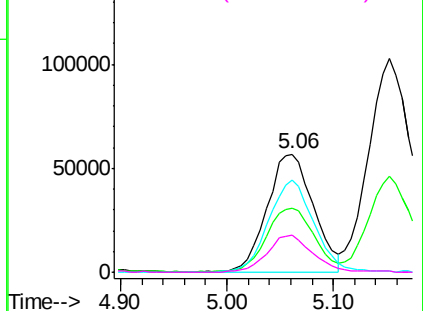
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

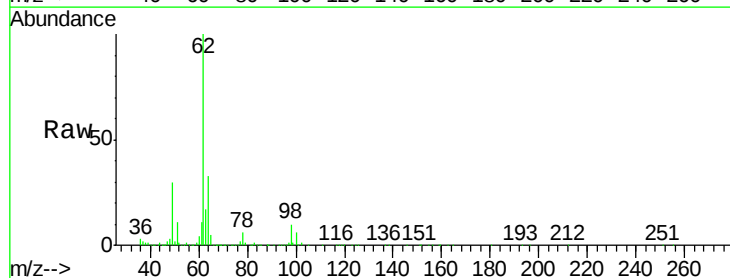
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 46.095 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX007533.D
Acq: 13 Feb 2019 20:57

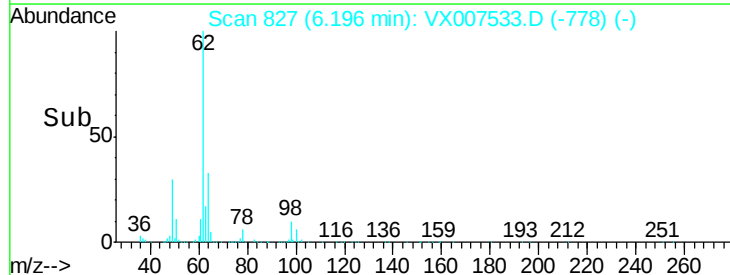
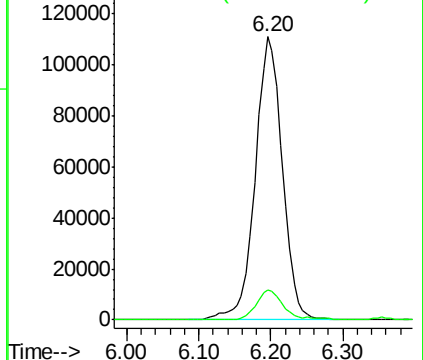
Tgt Ion:	62	Resp:	290613
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	19.0

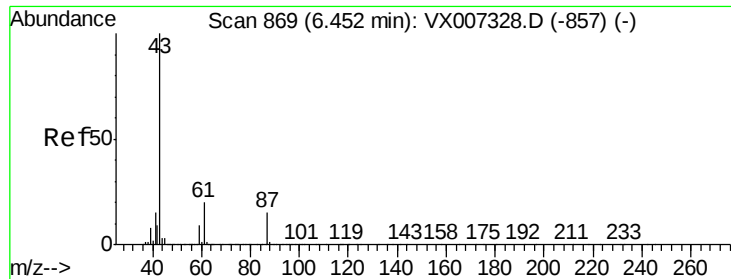


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



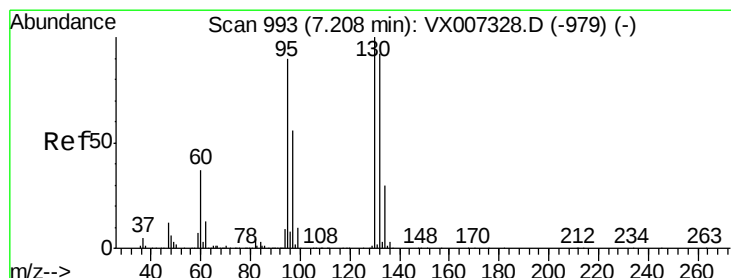
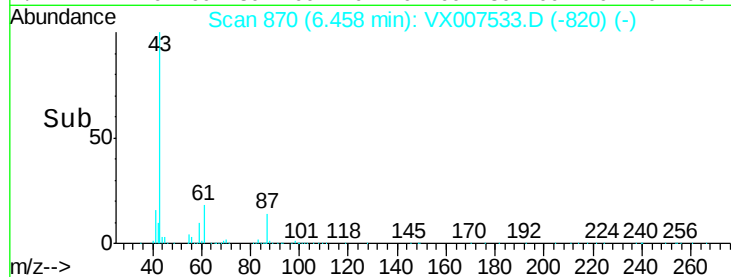
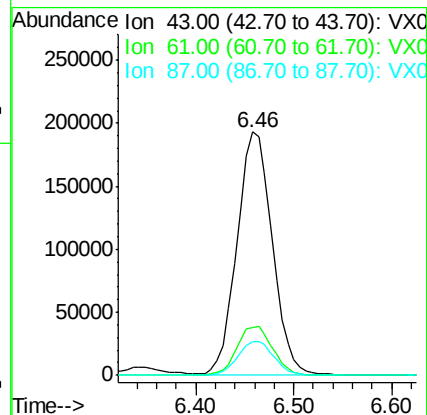
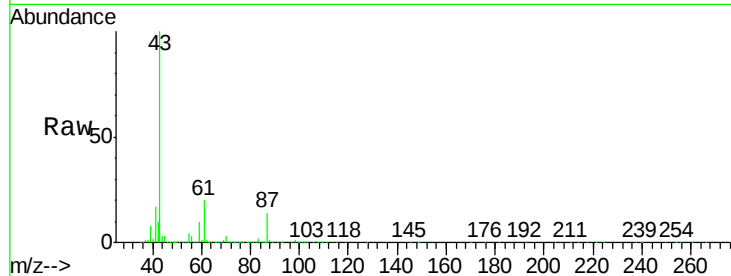


#43

Isopropyl Acetate
 Concen: 49.799 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.01 min
 Lab File: VX007533.D
 Acq: 13 Feb 2019 20:57

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2-20190208MS

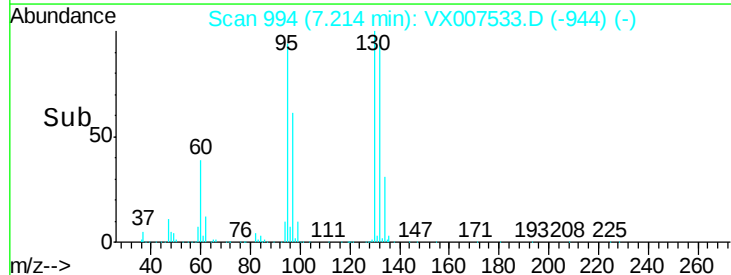
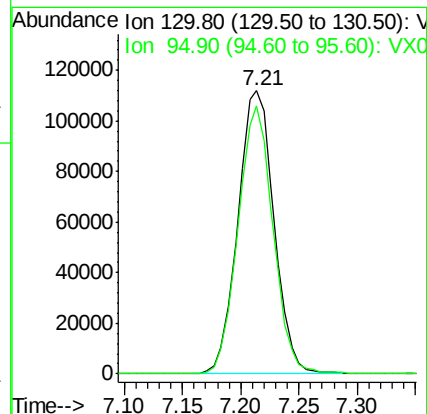
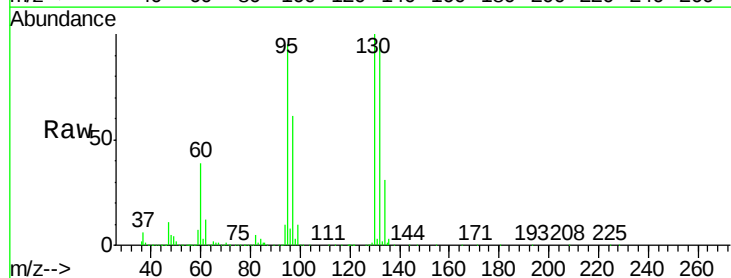
Tot Ion	Ratio	Lower	Upper
43	100		
61	20.5	16.1	24.1
87	14.5	11.5	17.3

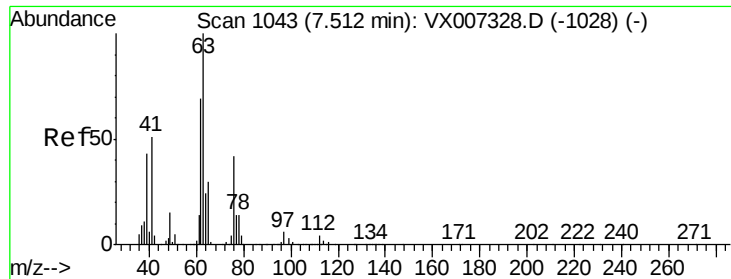


#44

Trichloroethene
 Concen: 44.008 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: VX007533.D
 Acq: 13 Feb 2019 20:57

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.4	0.0	180.0





#45

1,2-Dichloropropane

Concen: 47.404 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX007533.D

Acq: 13 Feb 2019 20:57

Instrument :

MSVOA_X

ClientSampleId :

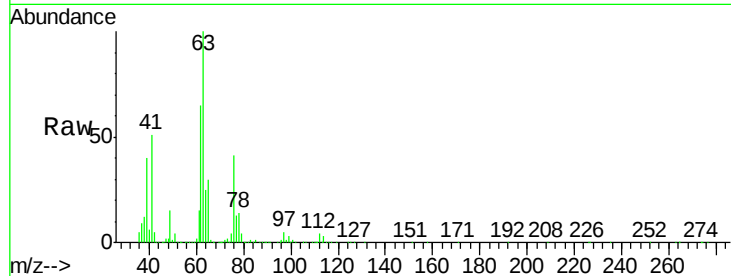
MW-2-20190208MS

Tot Ion: 63 Resp: 216427

Ion Ratio Lower Upper

63 100

65 29.9 24.2 36.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.52

120000

100000

80000

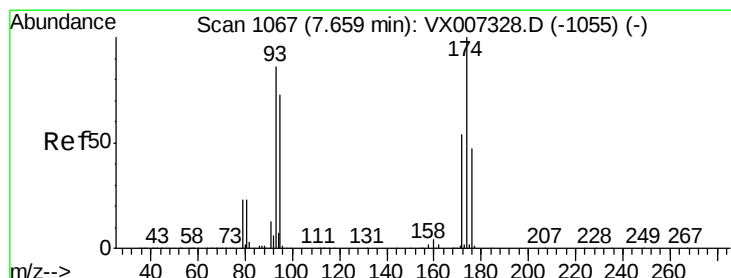
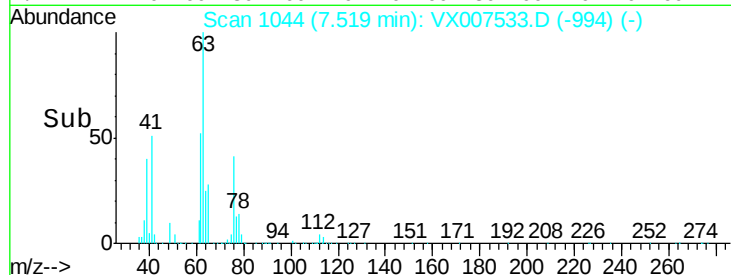
60000

40000

20000

0

Time--> 7.30 7.40 7.50 7.60



#46

Dibromomethane

Concen: 46.619 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX007533.D

Acq: 13 Feb 2019 20:57

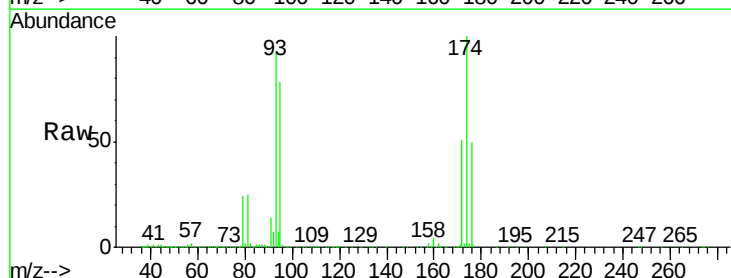
Tgt Ion: 93 Resp: 154695

Ion Ratio Lower Upper

93 100

95 84.7 67.6 101.4

174 115.7 94.2 141.4



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

120000

100000

80000

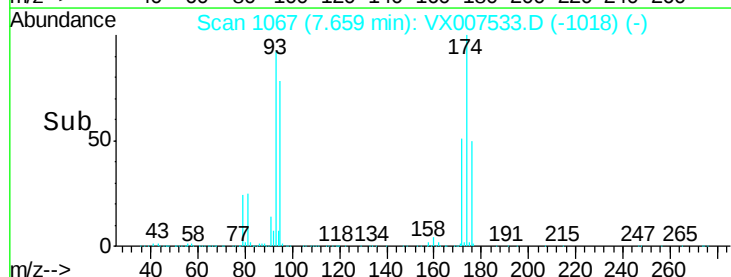
60000

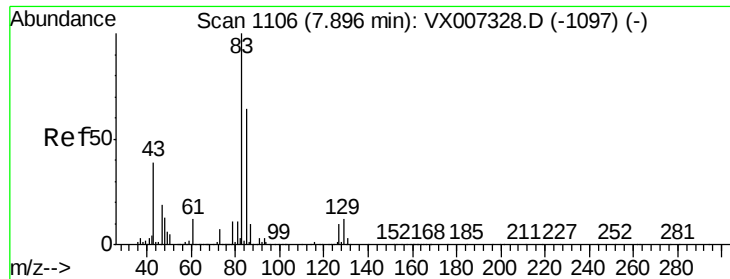
40000

20000

0

Time--> 7.60 7.70 7.80





#47

Bromodichloromethane

Concen: 49.944 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007533.D

Acq: 13 Feb 2019 20:57

Instrument :

MSVOA_X

ClientSampleId :

MW-2-20190208MS

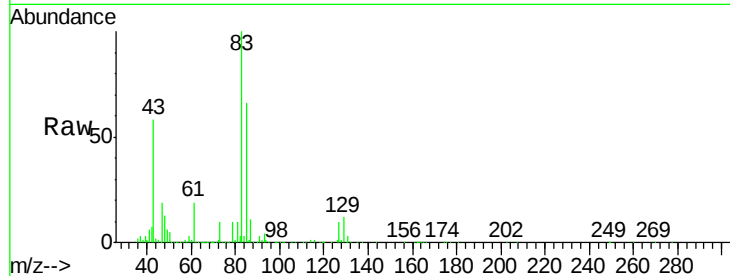
Tot Ion: 83 Resp: 280869

Ion Ratio Lower Upper

83 100

85 66.1 51.4 77.0

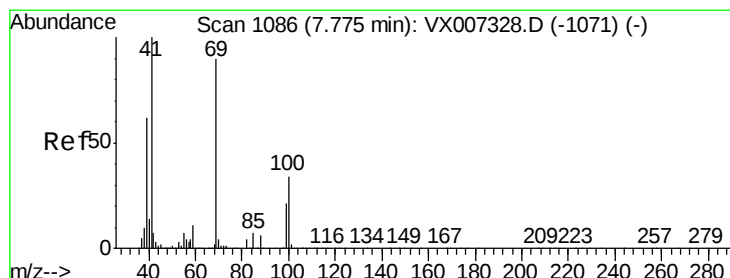
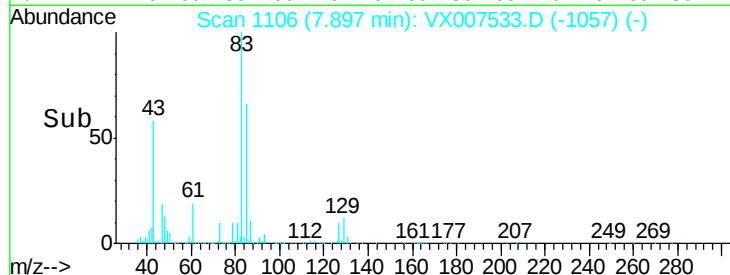
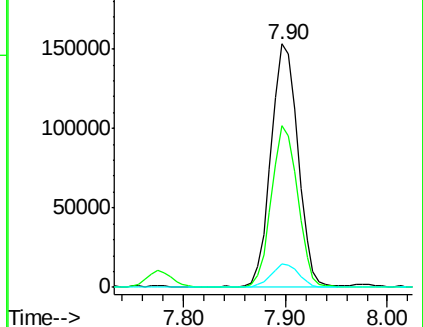
127 9.7 8.1 12.1



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: 52.589 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX007533.D

Acq: 13 Feb 2019 20:57

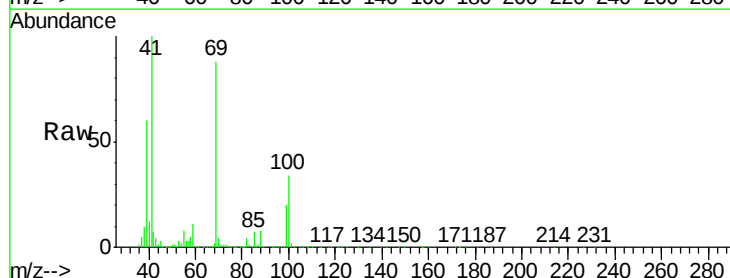
Tgt Ion: 41 Resp: 253892

Ion Ratio Lower Upper

41 100

69 91.9 70.2 105.4

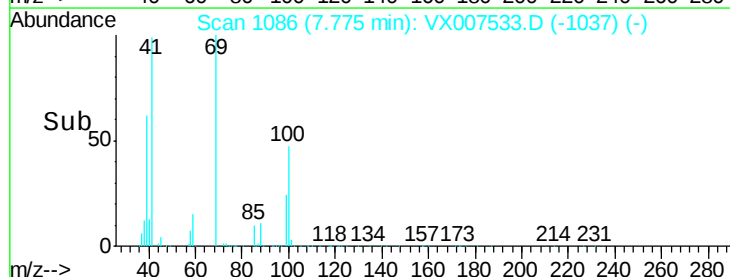
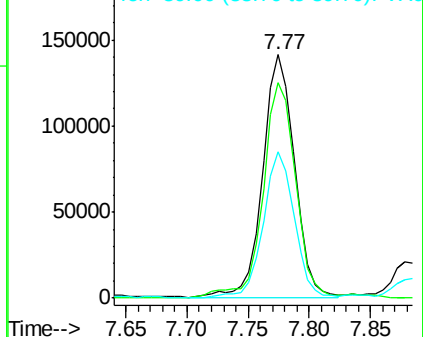
39 58.8 47.4 71.0

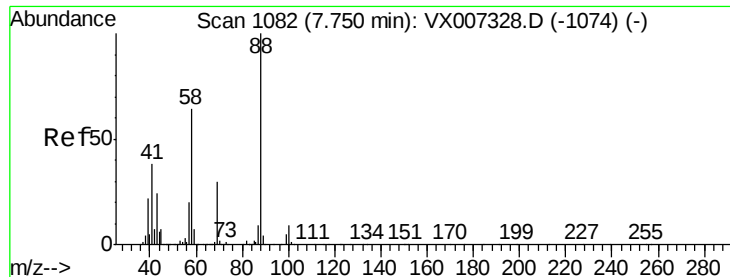


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 978.523 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX007533.D

Acq: 13 Feb 2019 20:57

Instrument :

MSVOA_X

ClientSampleId :

MW-2-20190208MS

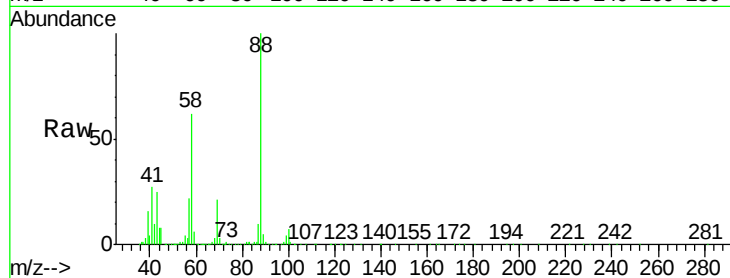
Tot Ion: 88 Resp: 107420

Ion Ratio Lower Upper

88 100

43 28.5 24.2 36.4

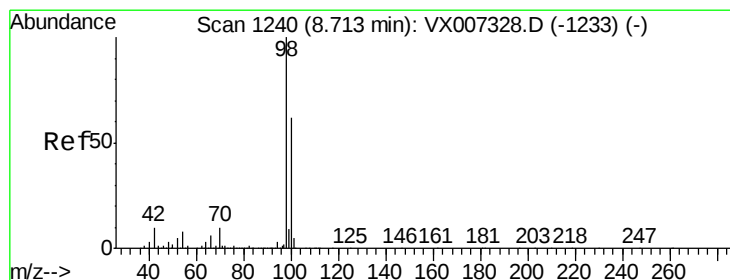
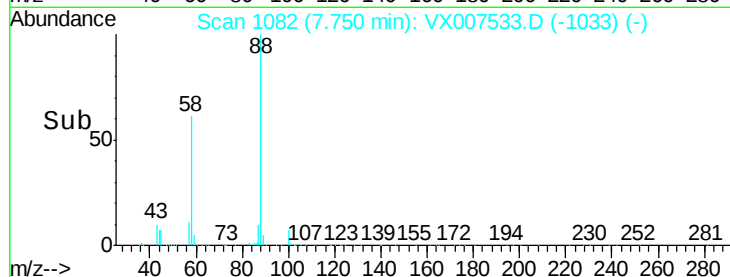
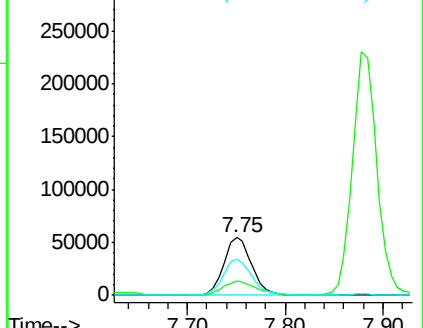
58 63.6 53.0 79.4



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 48.188 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007533.D

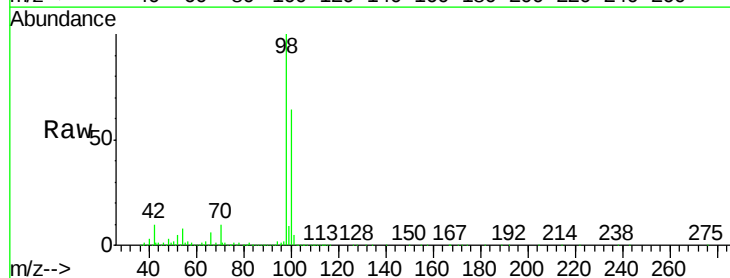
Acq: 13 Feb 2019 20:57

Tgt Ion: 98 Resp: 802016

Ion Ratio Lower Upper

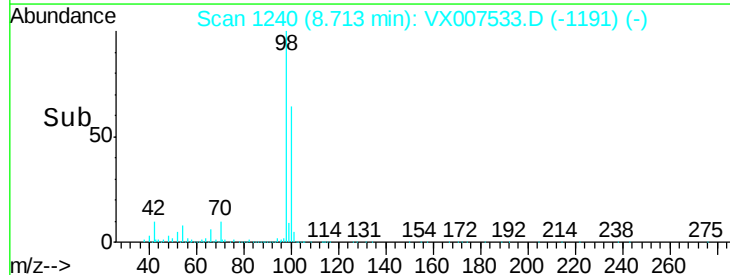
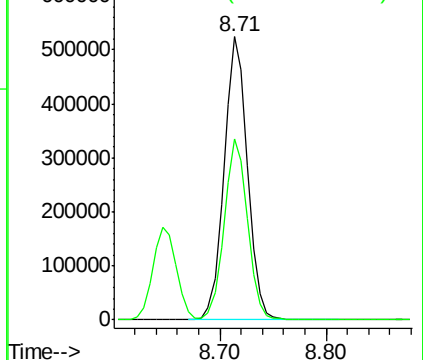
98 100

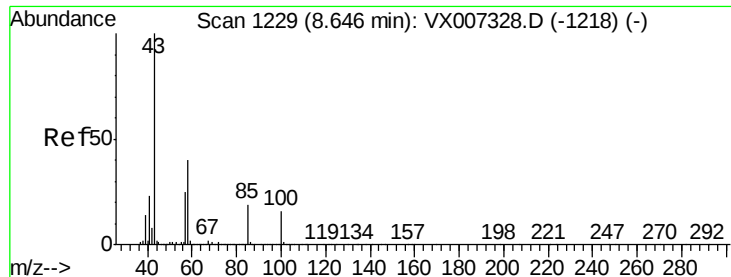
100 63.6 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 257.498 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX007533.D

Acq: 13 Feb 2019 20:57

Instrument :

MSVOA_X

ClientSampleId :

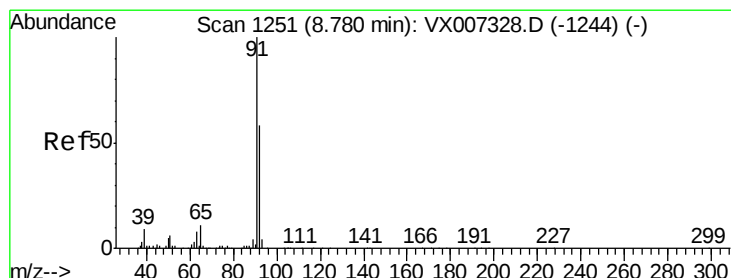
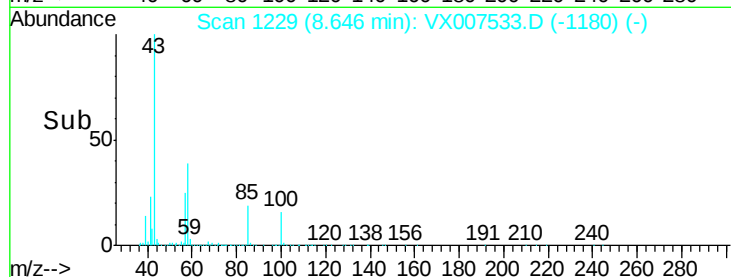
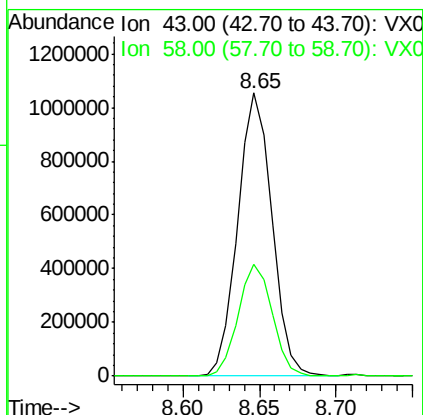
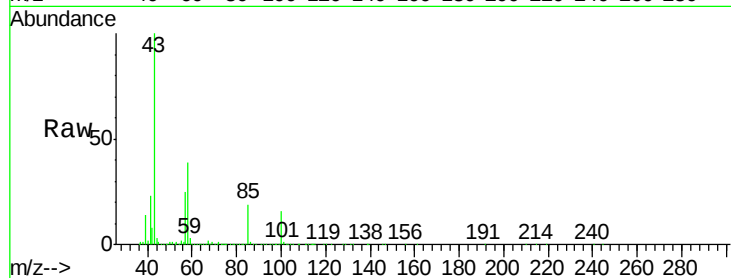
MW-2-20190208MS

Tot Ion: 43 Resp: 1636119

Ion Ratio Lower Upper

43 100

58 39.5 31.2 46.8



#52

Toluene

Concen: 46.111 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX007533.D

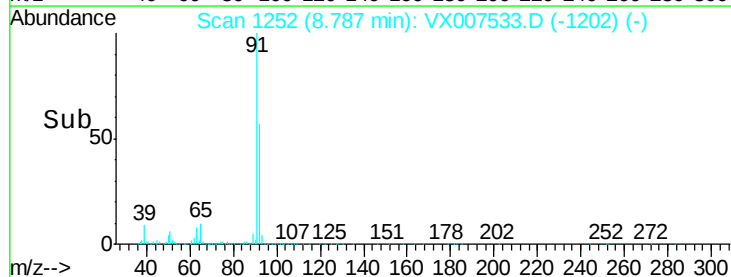
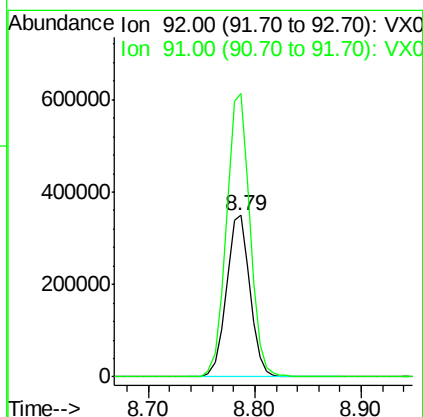
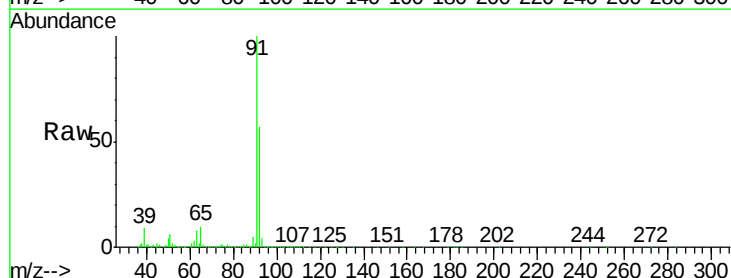
Acq: 13 Feb 2019 20:57

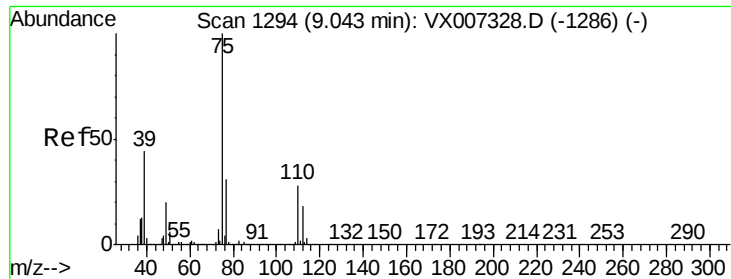
Tgt Ion: 92 Resp: 542113

Ion Ratio Lower Upper

92 100

91 175.0 139.1 208.7

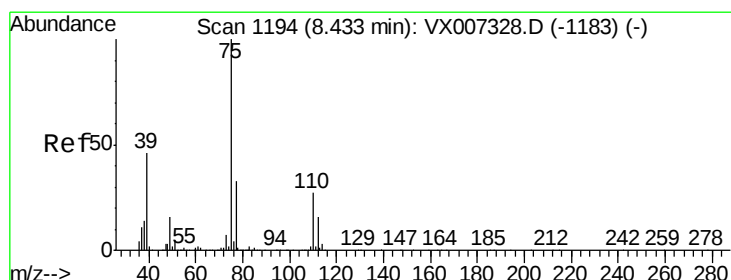
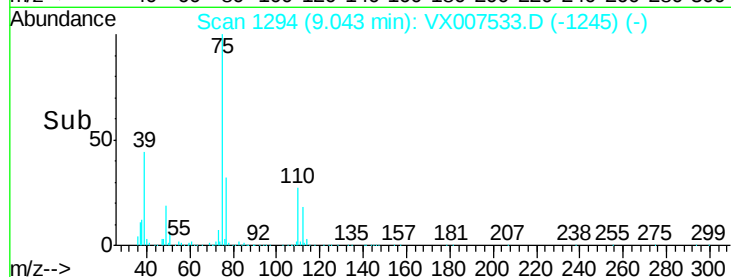
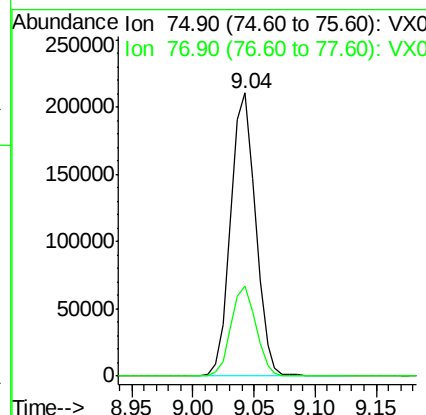
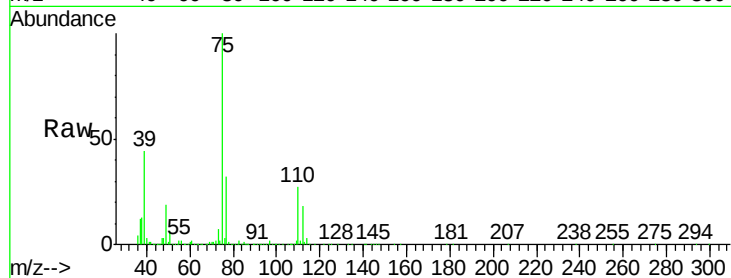




#53
 t-1,3-Dichloropropene
 Concen: 49.157 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX007533.D
 Acq: 13 Feb 2019 20:57

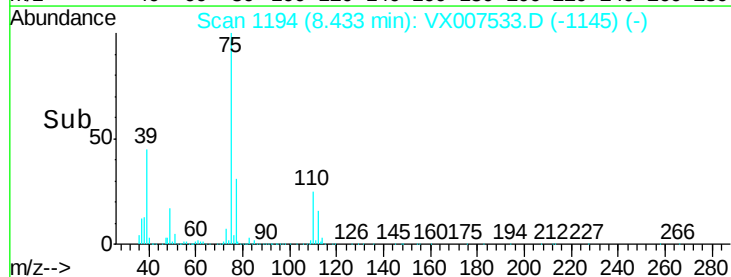
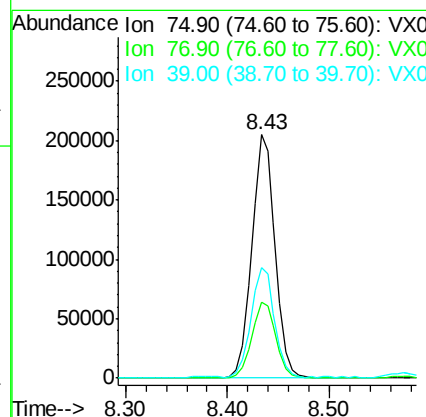
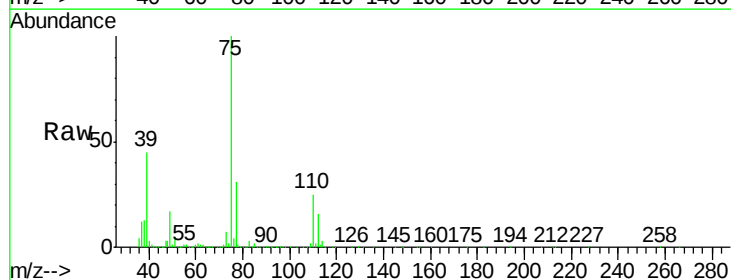
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2-20190208MS

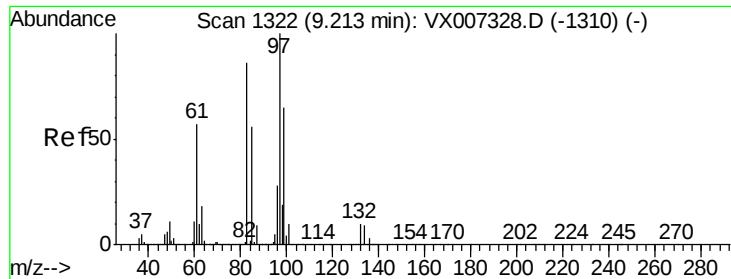
Tot Ion: 75 Resp: 296940
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 48.847 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX007533.D
 Acq: 13 Feb 2019 20:57

Tgt Ion: 75 Resp: 324490
 Ion Ratio Lower Upper
 75 100
 77 30.8 26.2 39.4
 39 45.0 37.1 55.7

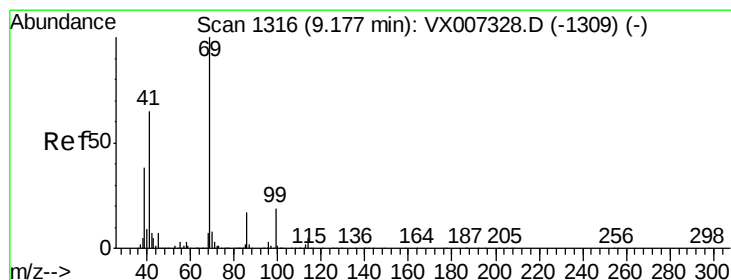
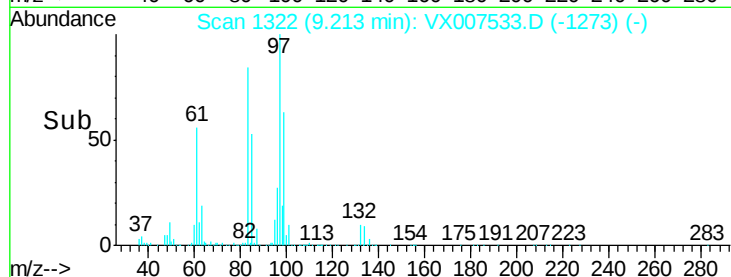
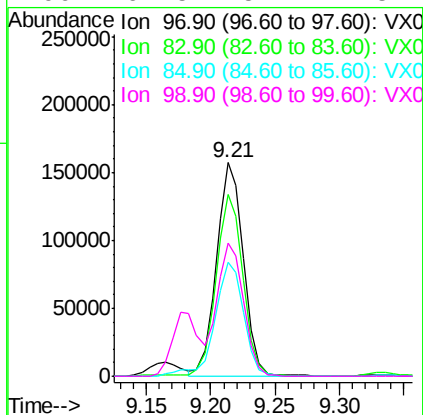
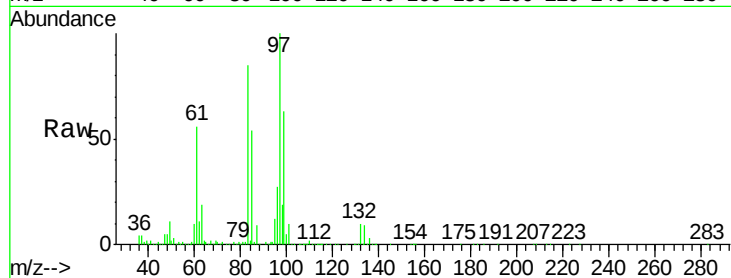




#55
 1,1,2-Trichloroethane
 Concen: 47.174 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX007533.D
 Acq: 13 Feb 2019 20:57

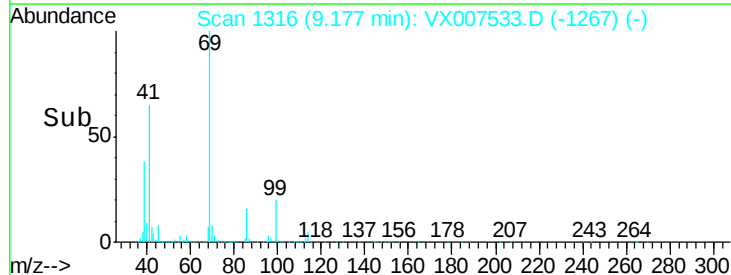
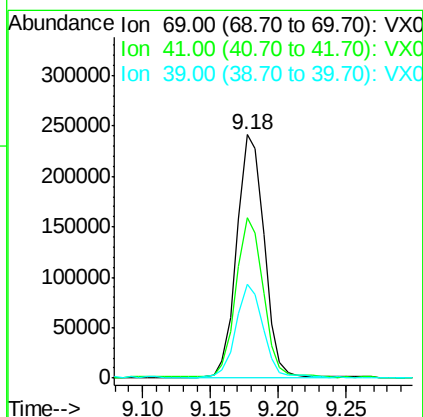
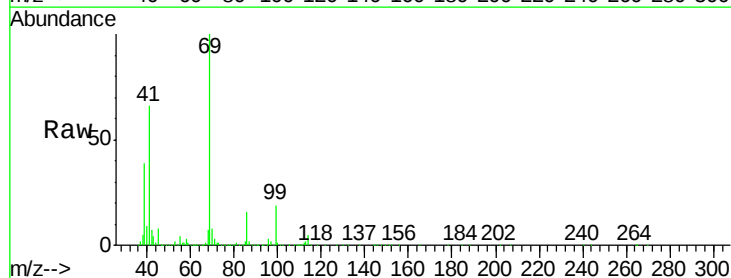
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2-20190208MS

Tot Ion:	97	Resp:	231182
Ion	Ratio	Lower	Upper
97	100		
83	85.0	68.6	102.8
85	53.5	44.5	66.7
99	62.5	52.2	78.4



#56
 Ethyl methacrylate
 Concen: 49.912 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX007533.D
 Acq: 13 Feb 2019 20:57

Tgt Ion:	69	Resp:	338775
Ion	Ratio	Lower	Upper
69	100		
41	65.2	52.1	78.1
39	38.0	30.1	45.1





#57

1,3-Dichloropropane

Concen: 47.812 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007533.D

Acq: 13 Feb 2019 20:57

Instrument :

MSVOA_X

ClientSampleId :

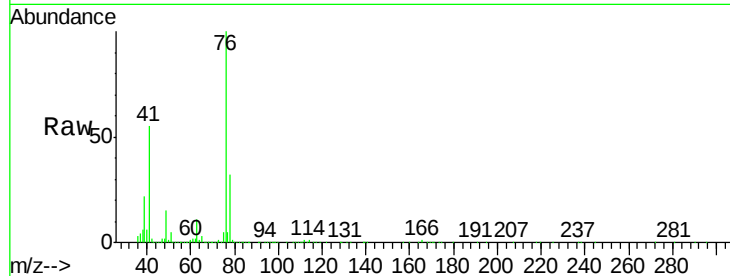
MW-2-20190208MS

Tot Ion: 76 Resp: 372622

Ion Ratio Lower Upper

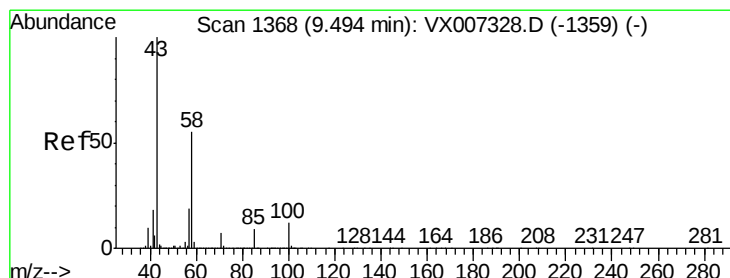
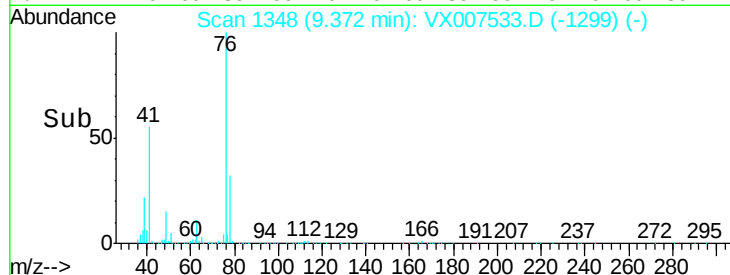
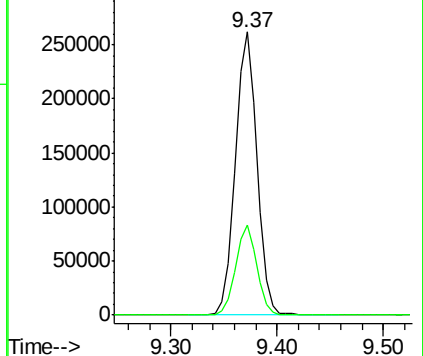
76 100

78 31.3 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#59

2-Hexanone

Concen: 252.578 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VX007533.D

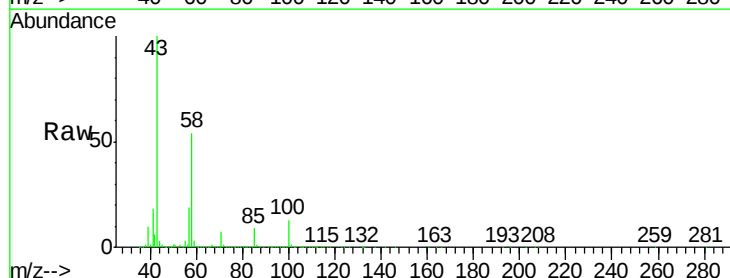
Acq: 13 Feb 2019 20:57

Tgt Ion: 43 Resp: 1248848

Ion Ratio Lower Upper

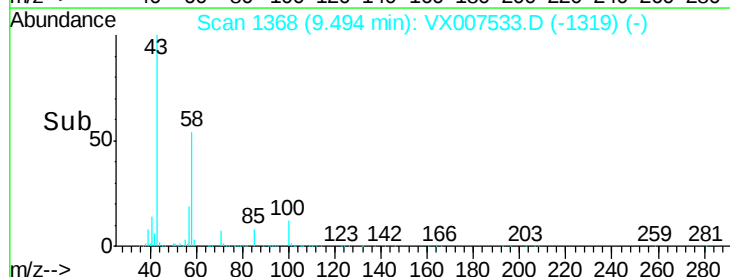
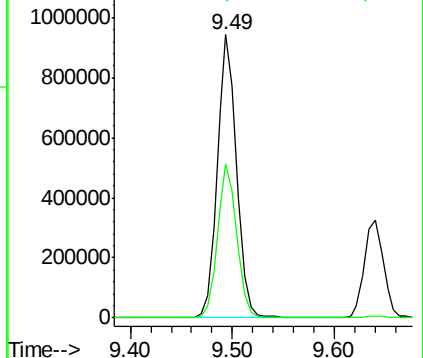
43 100

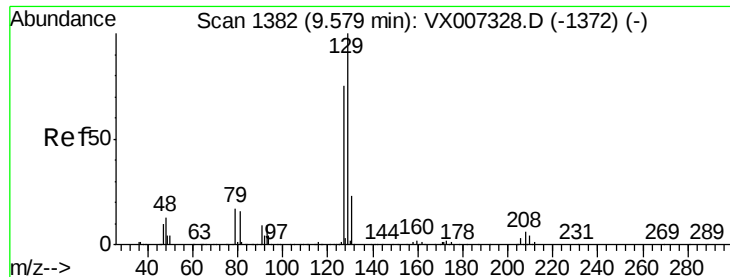
58 54.5 27.1 81.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#60

Dibromochloromethane

Concen: 52.443 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VX007533.D

Acq: 13 Feb 2019 20:57

Instrument :

MSVOA_X

ClientSampleId :

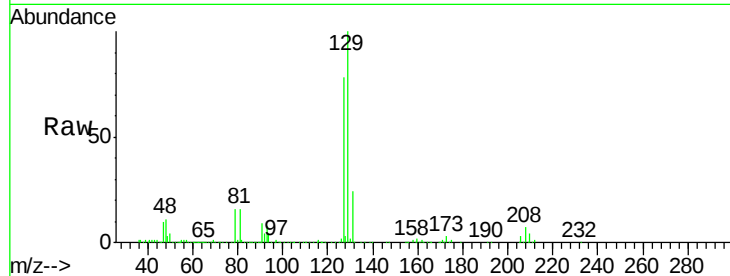
MW-2-20190208MS

Tot Ion:129 Resp: 243067

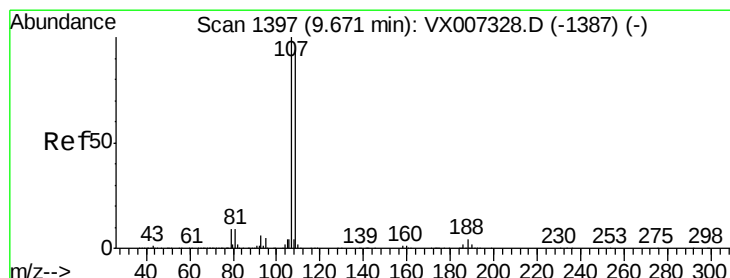
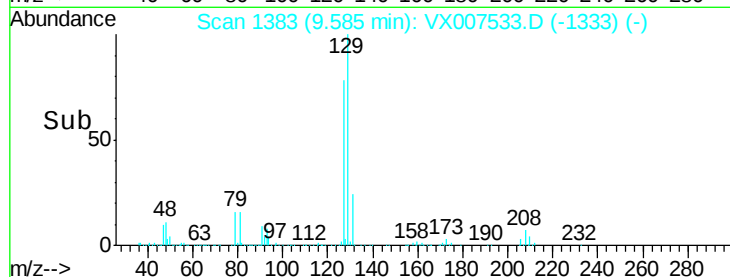
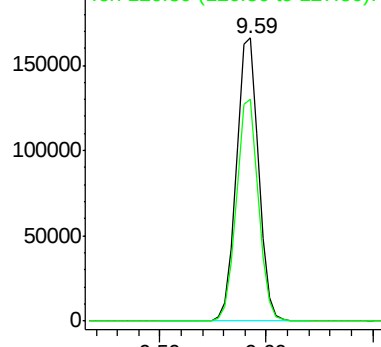
Ion Ratio Lower Upper

129 100

127 78.0 37.8 113.4



Abundance Ion 128.80 (128.50 to 129.50): V



#61

1,2-Dibromoethane

Concen: 48.229 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007533.D

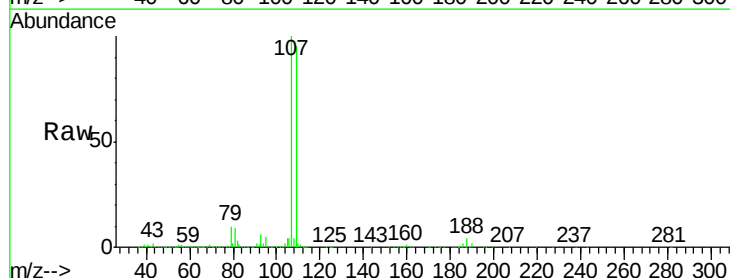
Acq: 13 Feb 2019 20:57

Tgt Ion:107 Resp: 250299

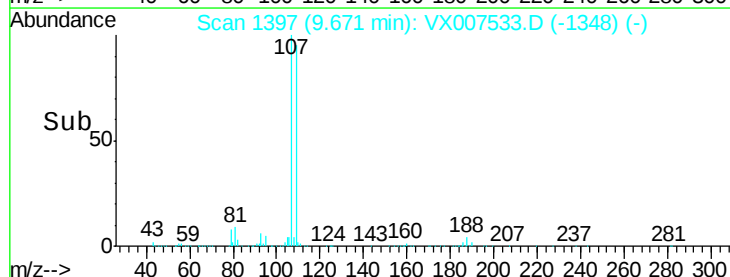
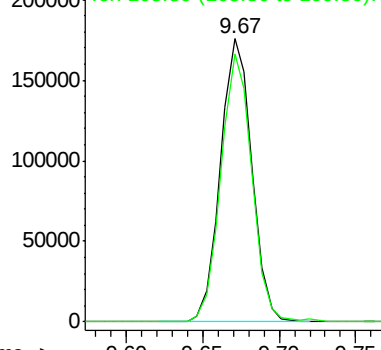
Ion Ratio Lower Upper

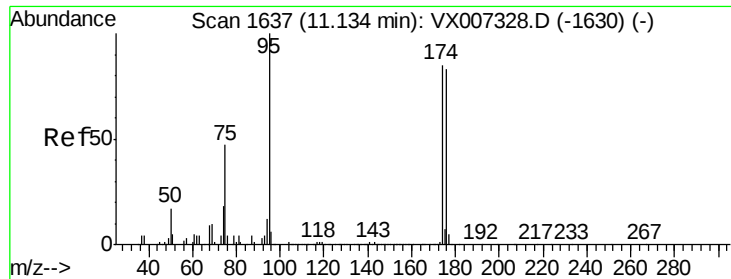
107 100

109 94.6 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V





#62

4-Bromofluorobenzene

Concen: 46.762 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007533.D

Acq: 13 Feb 2019 20:57

Instrument :

MSVOA_X

ClientSampleId :

MW-2-20190208MS

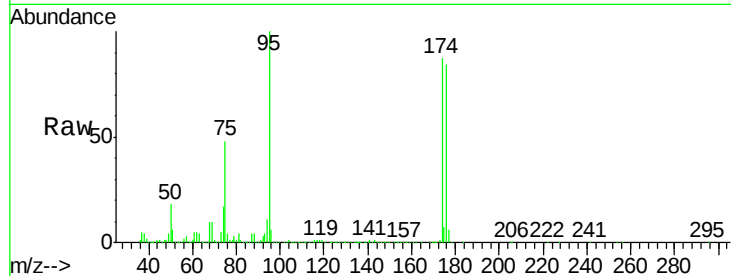
Tot Ion: 95 Resp: 284157

Ion Ratio Lower Upper

95 100

174 93.5 0.0 189.2

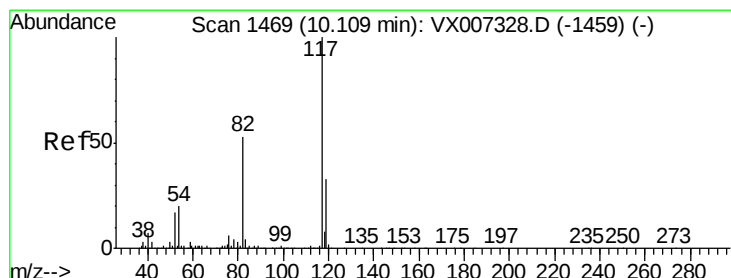
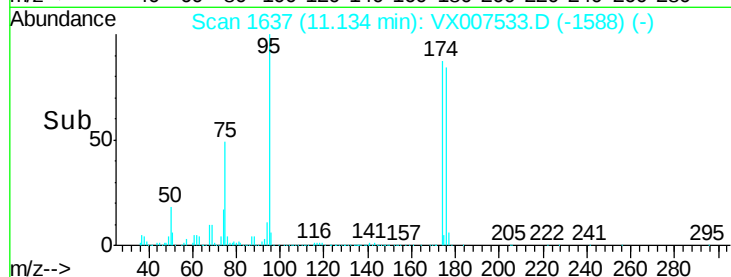
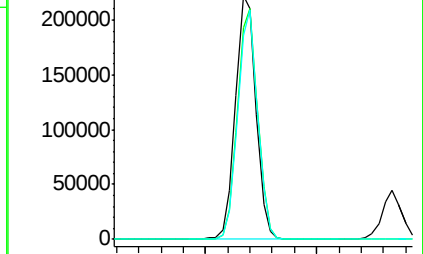
176 90.9 0.0 186.2



Abundance Ion 94.90 (94.60 to 95.60): VX007533.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX007533.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX007533.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX007533.D

Acq: 13 Feb 2019 20:57

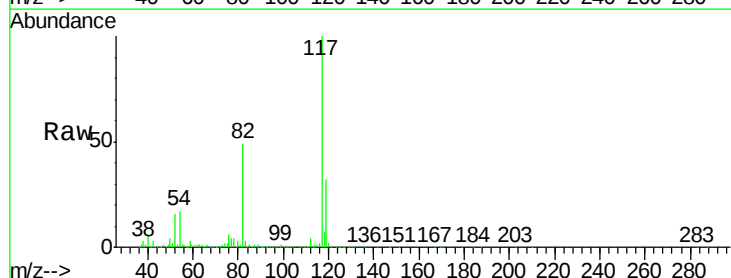
Tgt Ion: 117 Resp: 621410

Ion Ratio Lower Upper

117 100

82 49.3 42.1 63.1

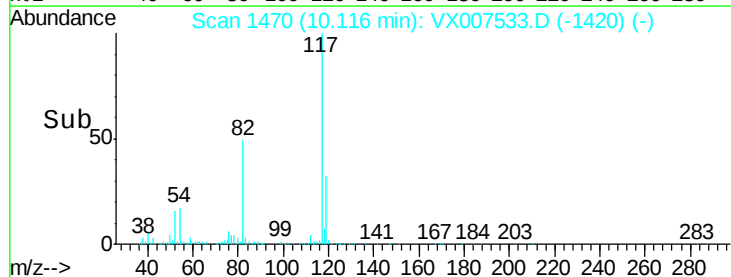
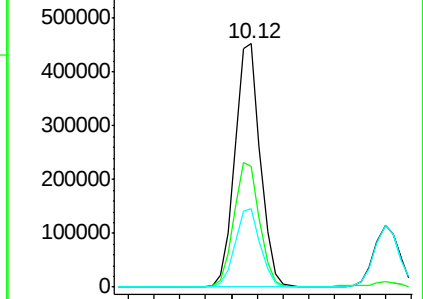
119 32.3 26.5 39.7

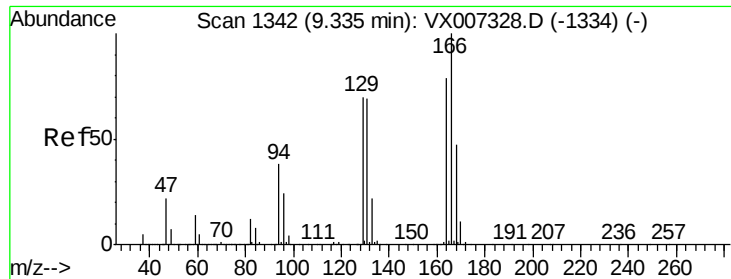


Abundance Ion 116.90 (116.60 to 117.60): VX007533.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX007533.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX007533.D (-1420) (-)





#64

Tetrachloroethene

Concen: 37.690 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX007533.D

Acq: 13 Feb 2019 20:57

Instrument :
MSVOA_X
ClientSampleId :
MW-2-20190208MS

Tot Ion:164 Resp: 220751

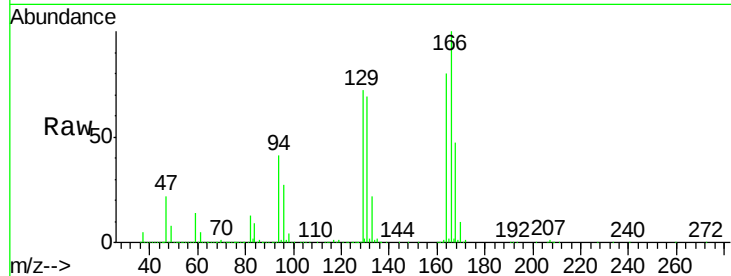
Ion Ratio Lower Upper

164 100

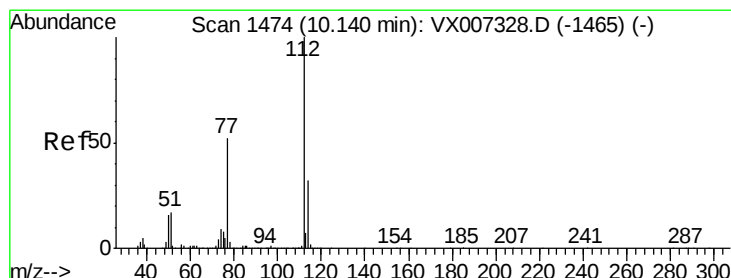
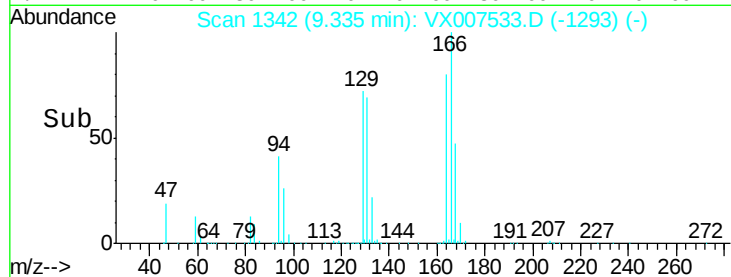
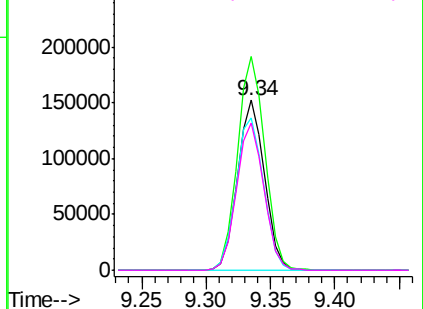
166 125.7 101.0 151.4

129 90.0 70.5 105.7

131 86.6 69.8 104.6



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



#65

Chlorobenzene

Concen: 46.564 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX007533.D

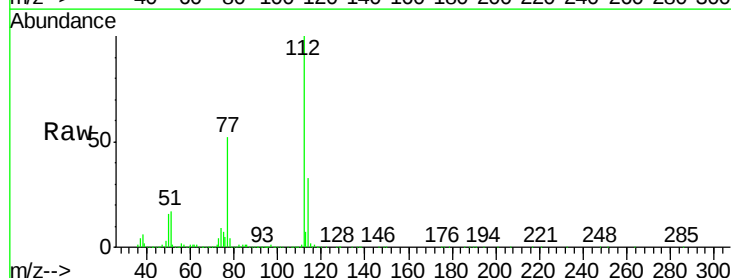
Acq: 13 Feb 2019 20:57

Tgt Ion:112 Resp: 631428

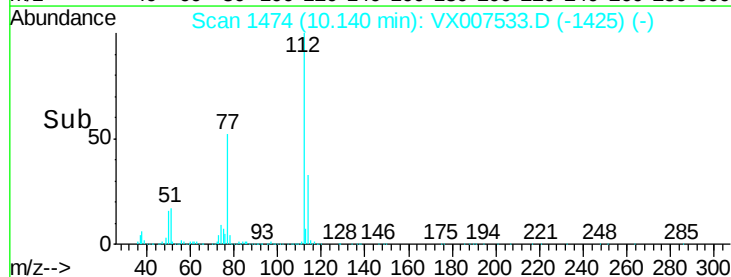
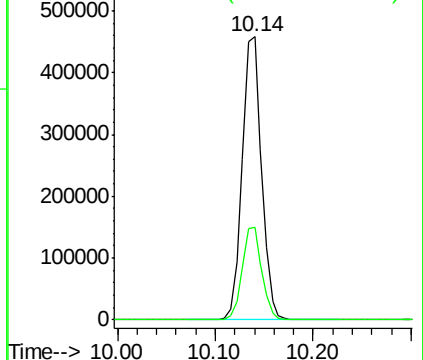
Ion Ratio Lower Upper

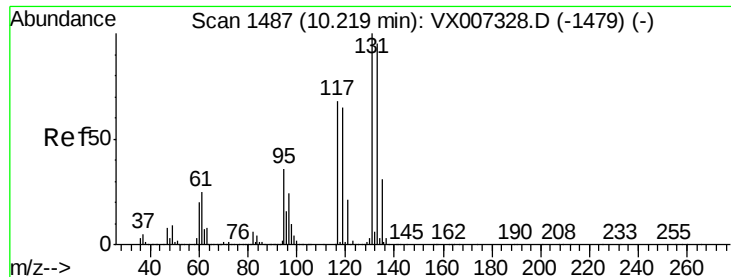
112 100

114 32.8 25.8 38.6



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





#66

1,1,1,2-Tetrachloroethane

Concen: 50.749 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX007533.D

Acq: 13 Feb 2019 20:57

Instrument :

MSVOA_X

ClientSampleId :

MW-2-20190208MS

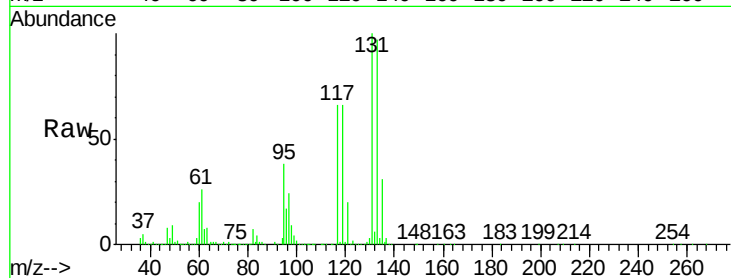
Tot Ion:131 Resp: 230724

Ion Ratio Lower Upper

131 100

133 95.2 48.0 144.2

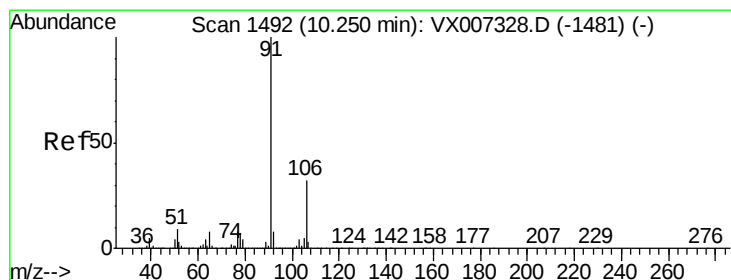
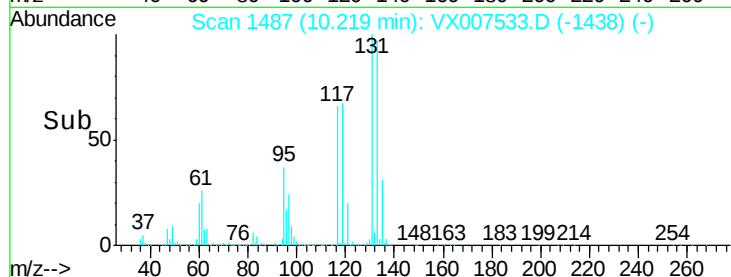
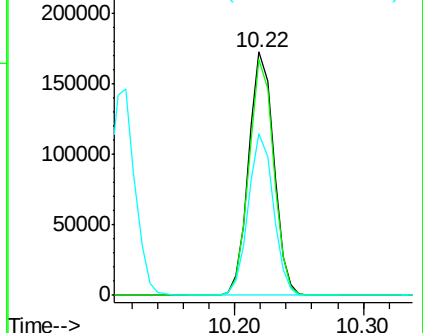
119 66.3 32.0 96.0



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



#67

Ethyl Benzene

Concen: 46.718 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007533.D

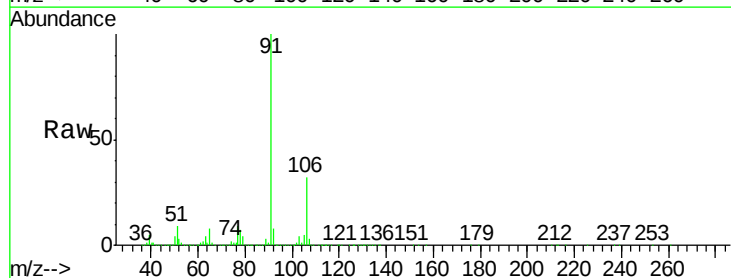
Acq: 13 Feb 2019 20:57

Tgt Ion: 91 Resp: 1020189

Ion Ratio Lower Upper

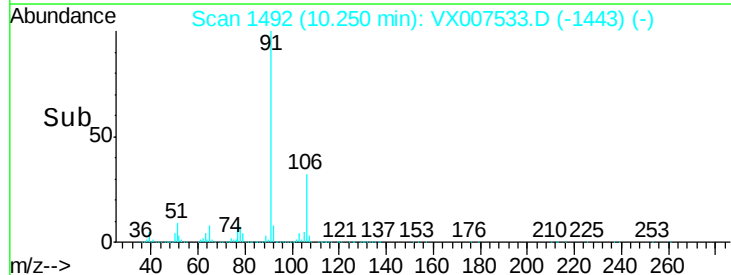
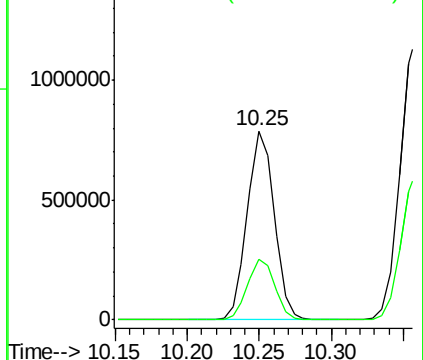
91 100

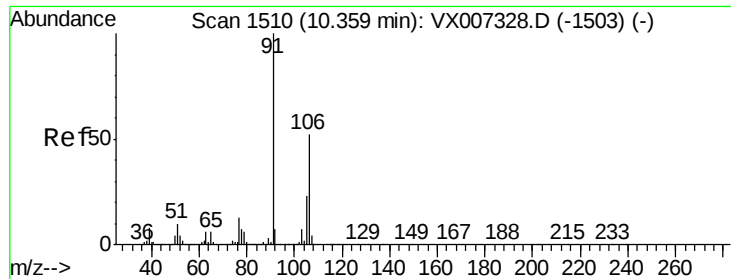
106 32.3 25.4 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 92.561 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX007533.D

Acq: 13 Feb 2019 20:57

Instrument :

MSVOA_X

ClientSampleId :

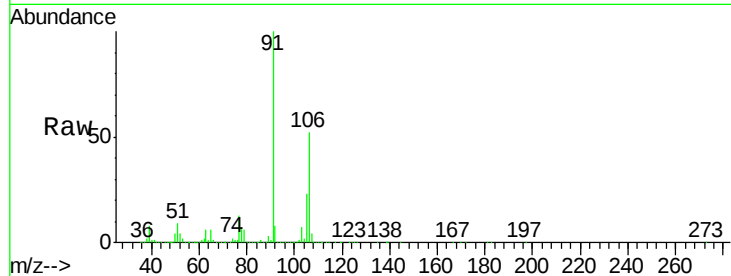
MW-2-20190208MS

Tot Ion:106 Resp: 803487

Ion Ratio Lower Upper

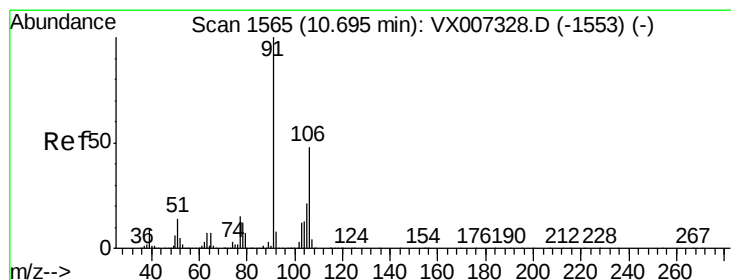
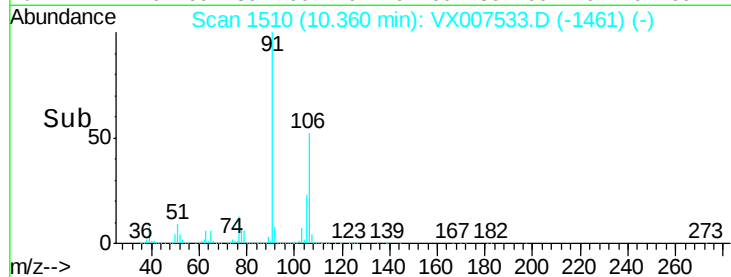
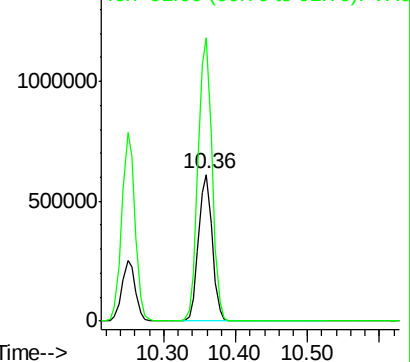
106 100

91 195.2 156.6 234.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 46.716 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. 0.00 min

Lab File: VX007533.D

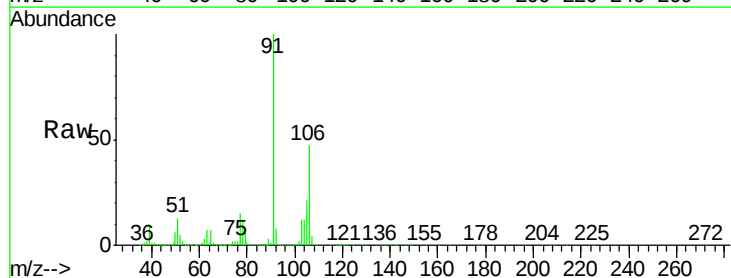
Acq: 13 Feb 2019 20:57

Tgt Ion:106 Resp: 390218

Ion Ratio Lower Upper

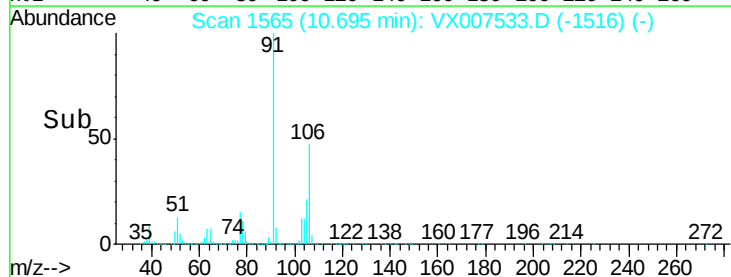
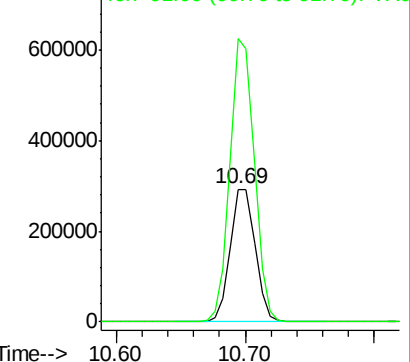
106 100

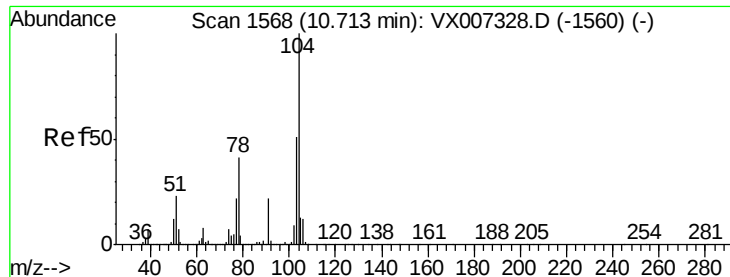
91 209.6 102.9 308.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#70

Stvrene

Concen: 46.527 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX007533.D

Acq: 13 Feb 2019 20:57

Instrument :

MSVOA_X

ClientSampleId :

MW-2-20190208MS

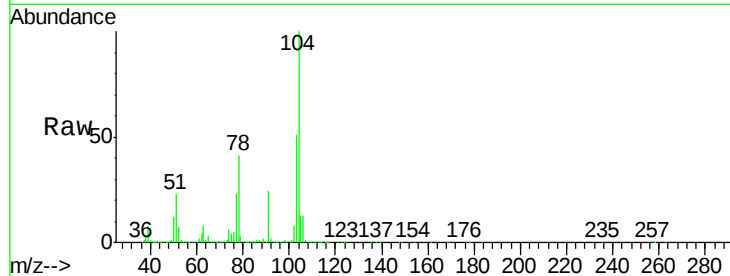
Tot Ion:104 Resp: 630276

Ion Ratio Lower Upper

104 100

78 47.9 38.3 57.5

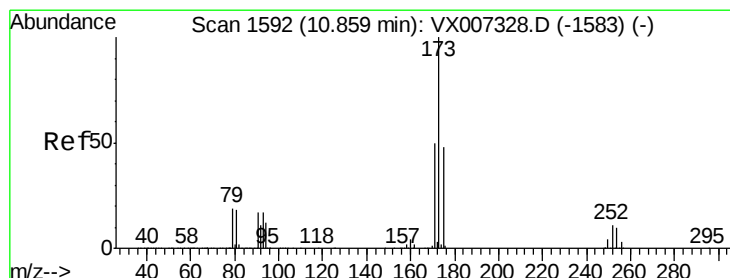
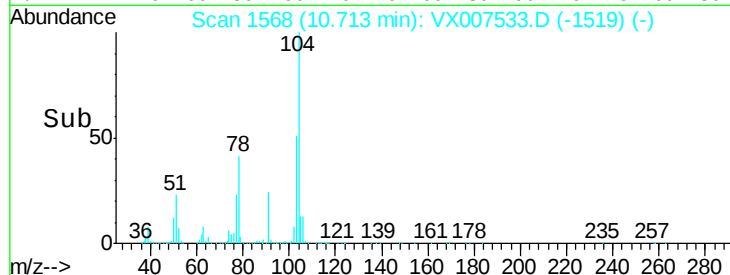
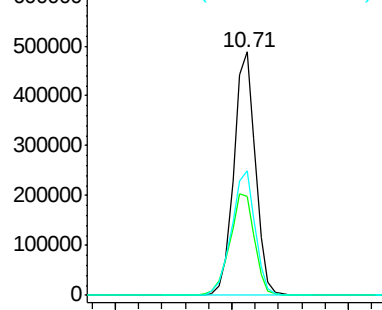
103 56.0 44.6 67.0



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 47.148 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX007533.D

Acq: 13 Feb 2019 20:57

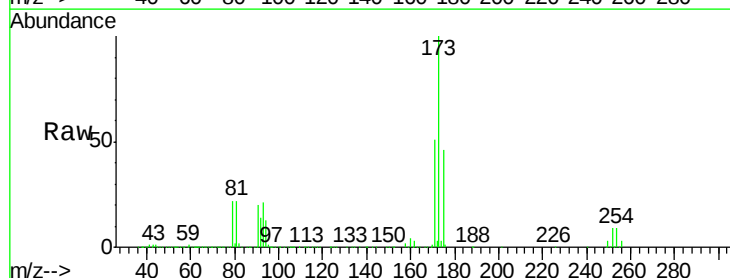
Tgt Ion:173 Resp: 187008

Ion Ratio Lower Upper

173 100

175 47.8 24.2 72.6

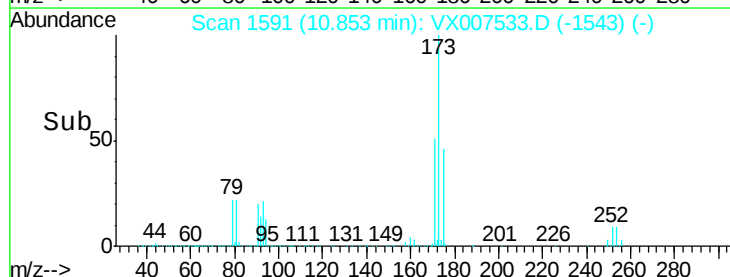
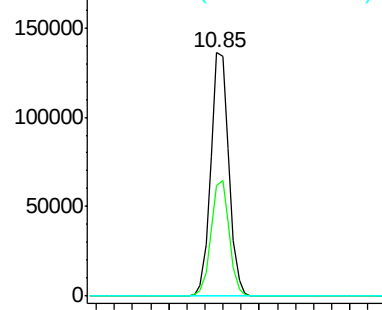
254 0.2 0.2 0.2

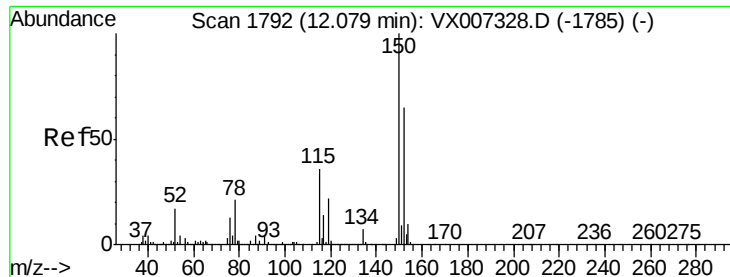


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



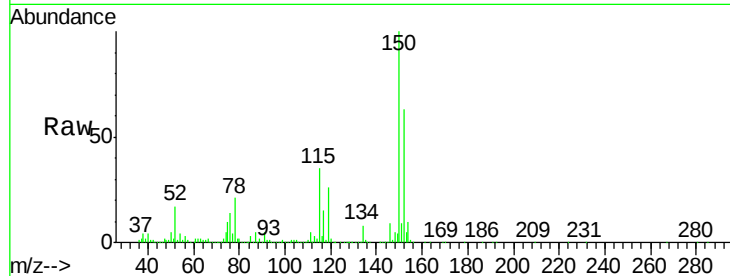


#72

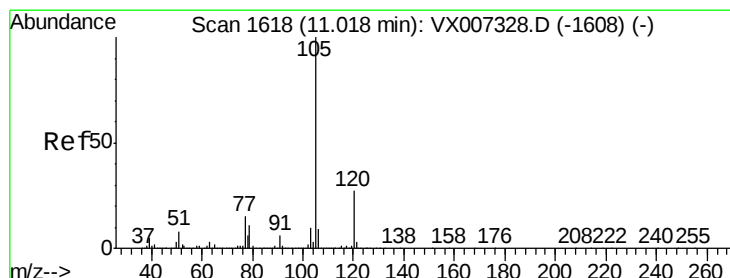
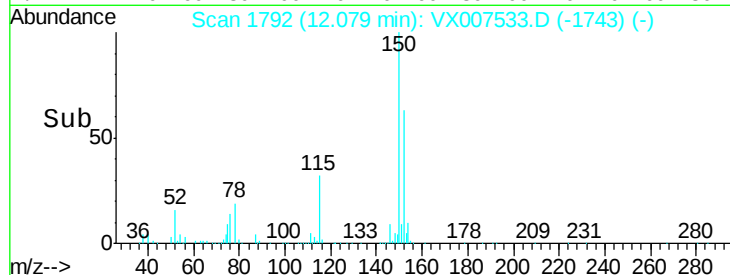
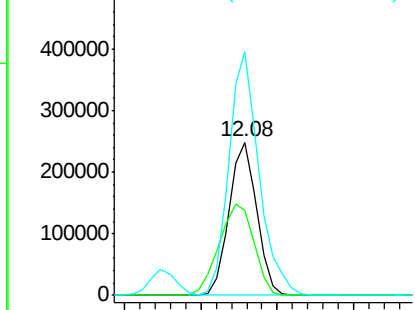
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007533.D
Acq: 13 Feb 2019 20:57

Instrument :
MSVOA_X
ClientSampleId :
MW-2-20190208MS

Tot Ion	Ratio	Lower	Upper
152	100		
115	76.2	38.0	114.0
150	174.2	0.0	346.4



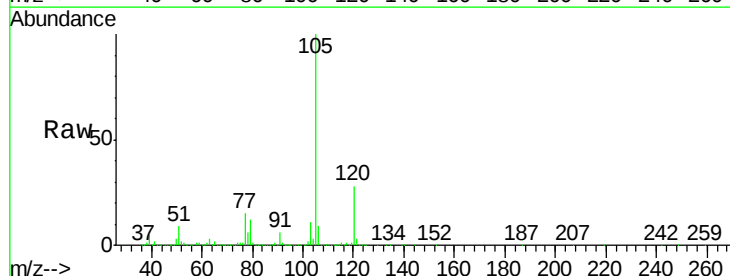
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



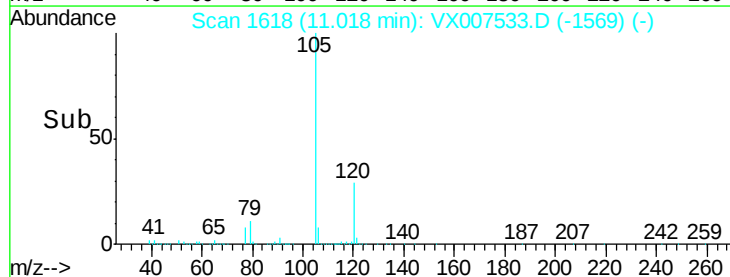
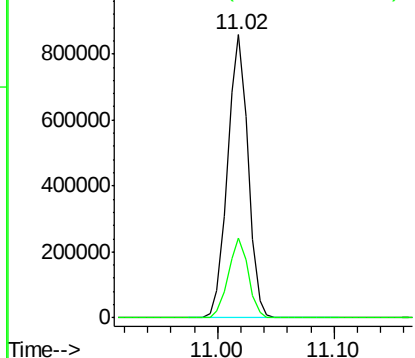
#73

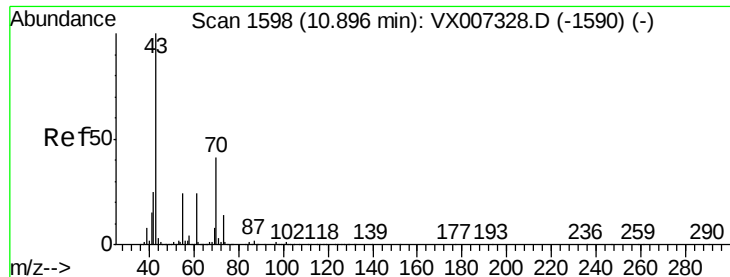
Isopropylbenzene
Concen: 49.810 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX007533.D
Acq: 13 Feb 2019 20:57

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.8	13.6	40.7



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 51.702 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007533.D

Acq: 13 Feb 2019 20:57

Instrument :

MSVOA_X

ClientSampleId :

MW-2-20190208MS

Tot Ion: 43 Resp: 419820

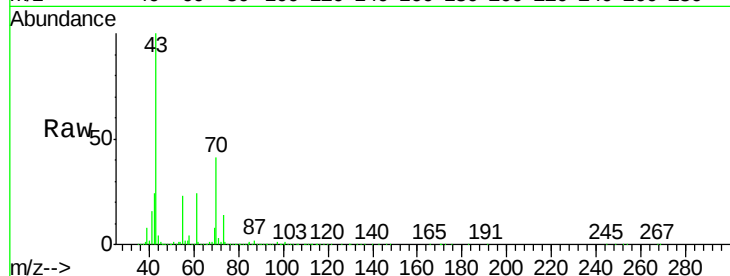
Ion Ratio Lower Upper

43 100

70 41.8 33.8 50.6

55 23.4 19.5 29.3

61 24.4 19.4 29.2

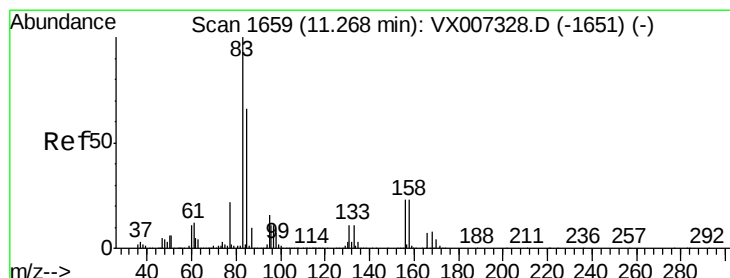
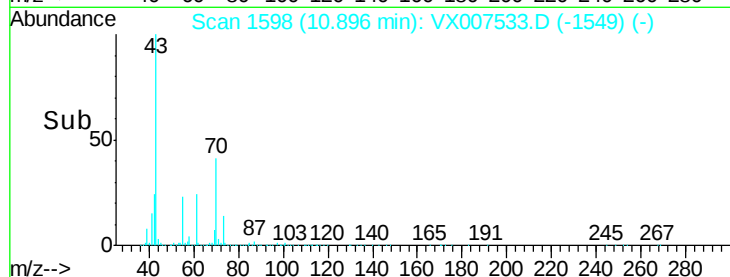
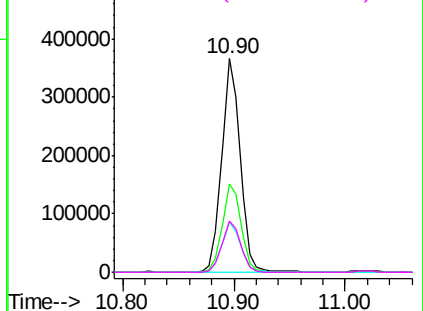


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 54.583 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007533.D

Acq: 13 Feb 2019 20:57

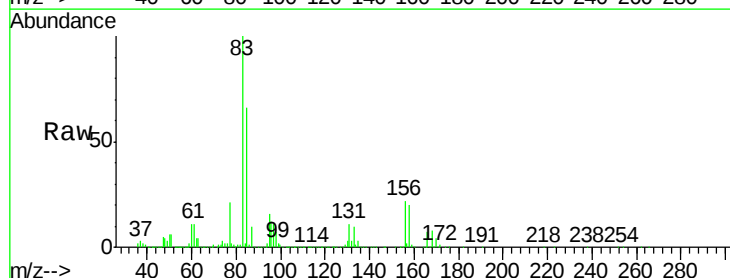
Tgt Ion: 83 Resp: 349214

Ion Ratio Lower Upper

83 100

131 10.8 5.7 17.0

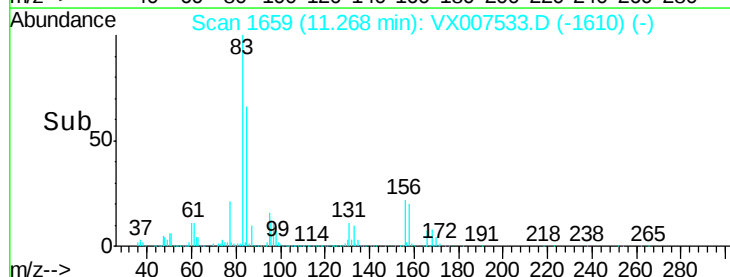
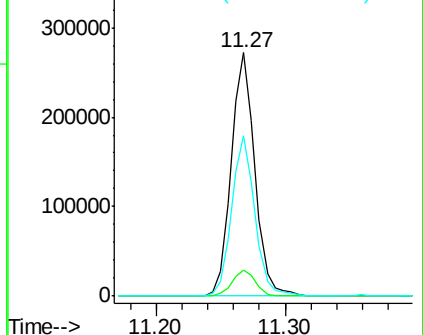
85 65.1 32.8 98.3

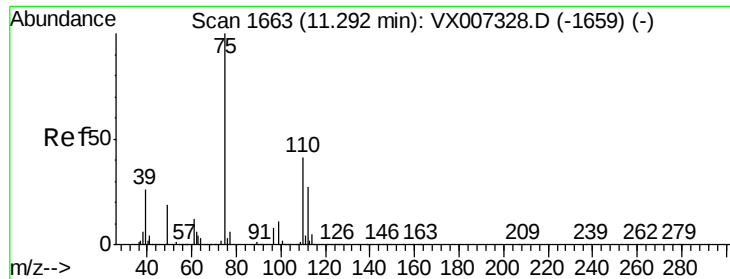


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

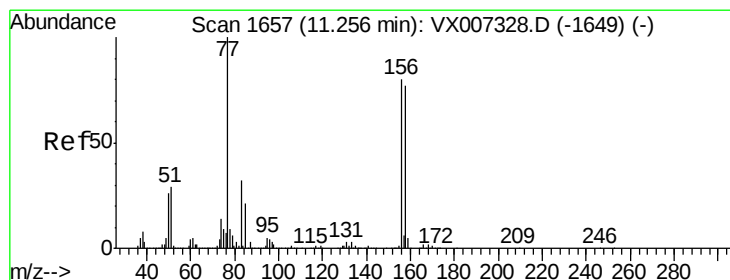
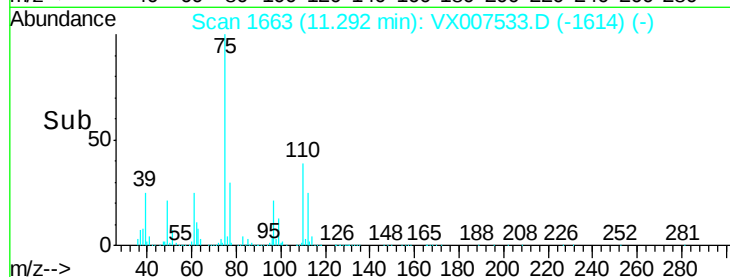
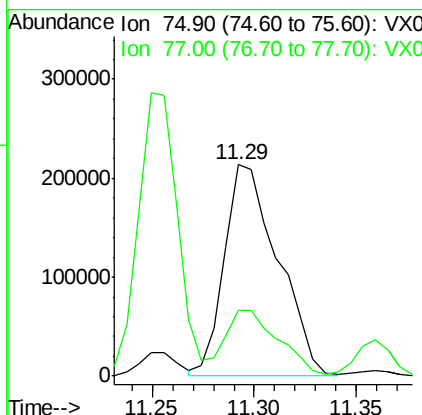
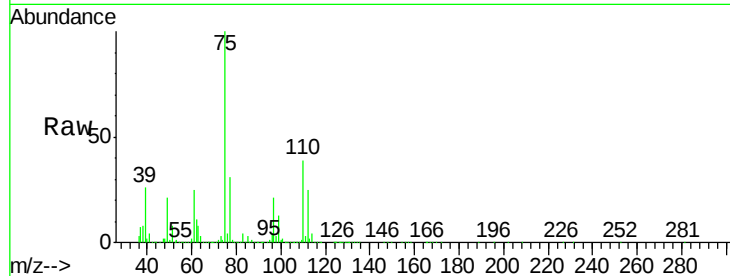




#76
 1,2,3-Trichloropropane
 Concen: 64.920 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: VX007533.D
 Acq: 13 Feb 2019 20:57

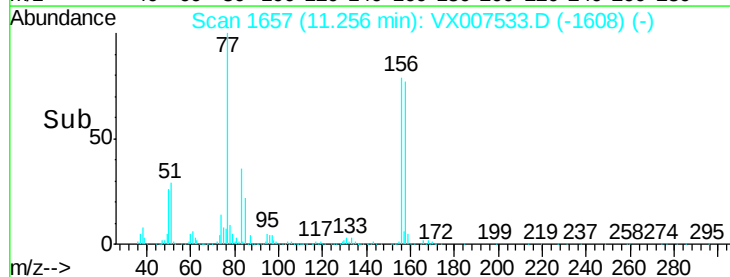
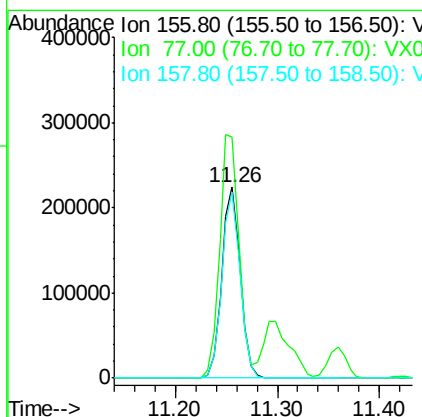
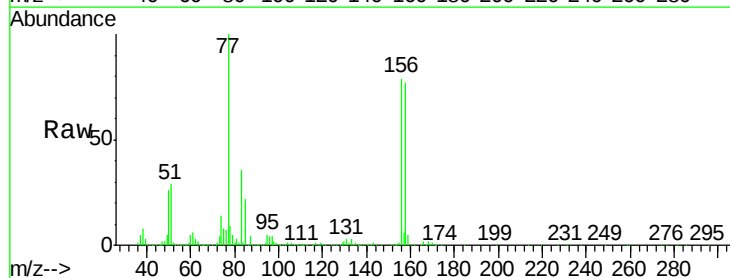
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2-20190208MS

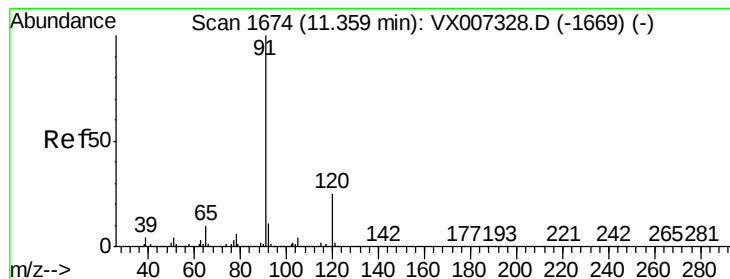
Tot Ion: 75 Resp: 390104
 Ion Ratio Lower Upper
 75 100
 77 31.3 23.0 69.0



#77
 Bromobenzene
 Concen: 47.774 ug/l
 RT: 11.26 min Scan# 1657
 Delta R.T. 0.00 min
 Lab File: VX007533.D
 Acq: 13 Feb 2019 20:57

Tgt Ion: 156 Resp: 282583
 Ion Ratio Lower Upper
 156 100
 77 134.4 66.8 200.6
 158 96.5 47.9 143.8





#78

n-propylbenzene

Concen: 49.637 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007533.D

Acq: 13 Feb 2019 20:57

Instrument :

MSVOA_X

ClientSampleId :

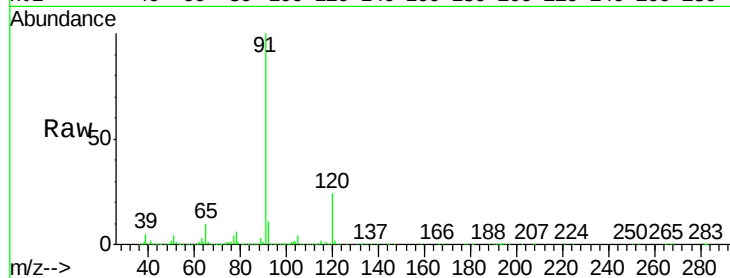
MW-2-20190208MS

Tot Ion: 91 Resp: 1142668

Ion Ratio Lower Upper

91 100

120 24.7 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

11.36

1000000

800000

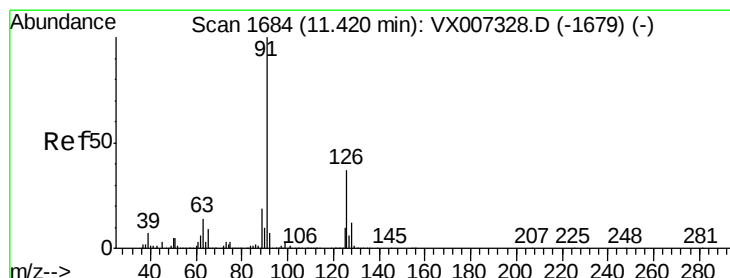
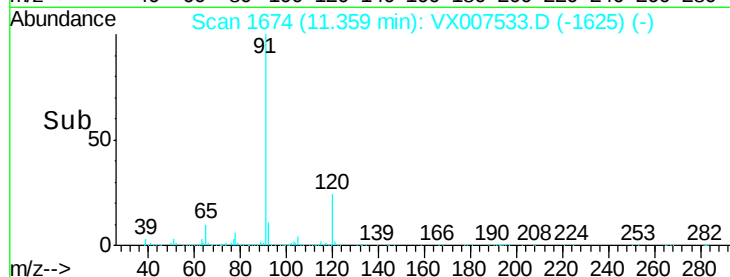
600000

400000

200000

0

Time--> 11.30 11.35 11.40



#79

2-Chlorotoluene

Concen: 48.282 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007533.D

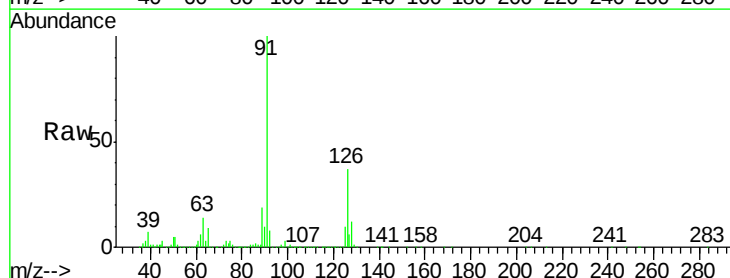
Acq: 13 Feb 2019 20:57

Tgt Ion: 91 Resp: 674409

Ion Ratio Lower Upper

91 100

126 37.2 18.7 56.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

11.42

1000000

800000

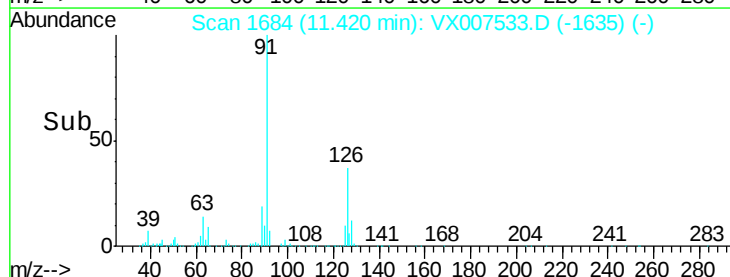
600000

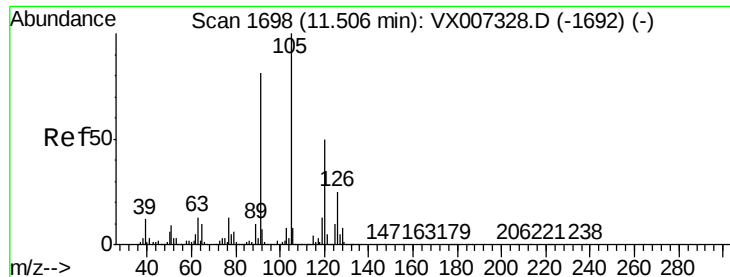
400000

200000

0

Time--> 11.40 11.45





#80

1,3,5-Trimethylbenzene

Concen: 48.606 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007533.D

Acq: 13 Feb 2019 20:57

Instrument :

MSVOA_X

ClientSampleId :

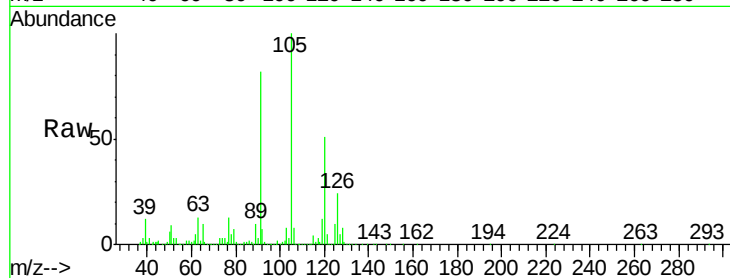
MW-2-20190208MS

Tot Ion:105 Resp: 834804

Ion Ratio Lower Upper

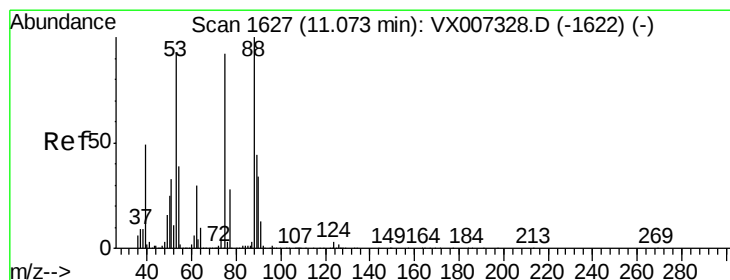
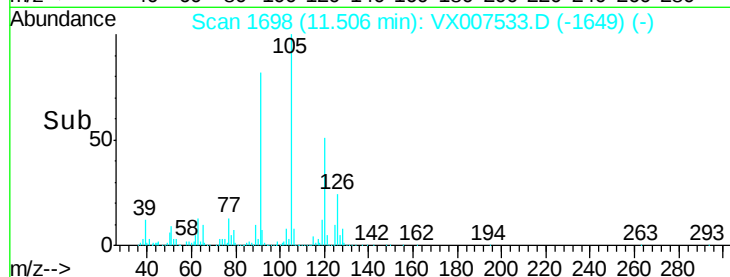
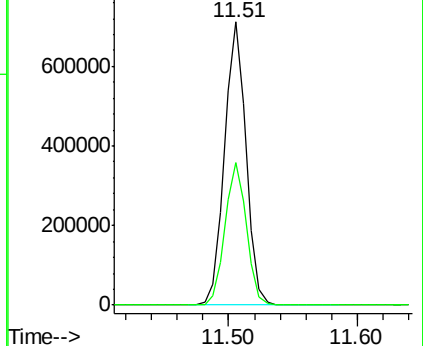
105 100

120 50.7 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 47.090 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007533.D

Acq: 13 Feb 2019 20:57

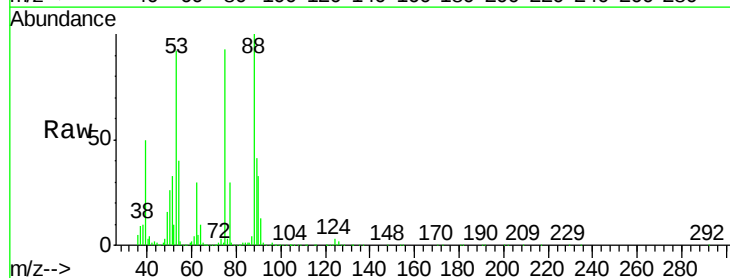
Tgt Ion: 75 Resp: 91025

Ion Ratio Lower Upper

75 100

53 99.6 81.0 121.6

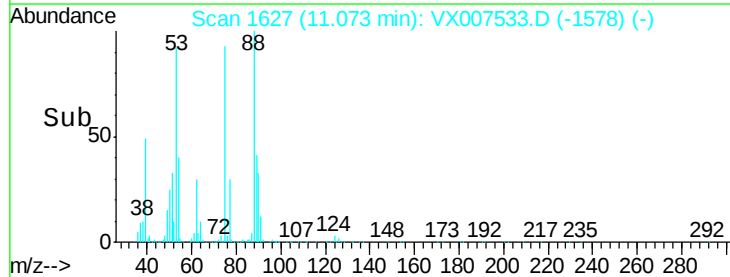
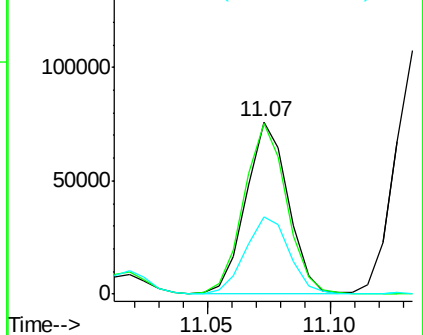
89 47.0 41.4 62.0

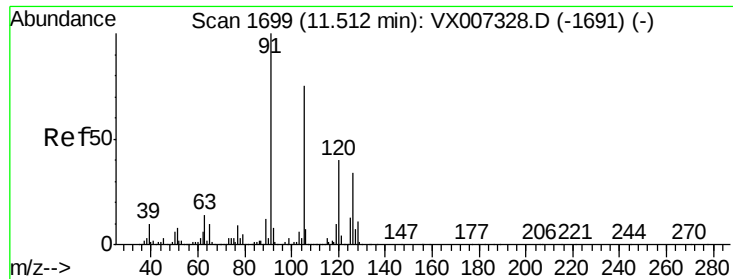


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

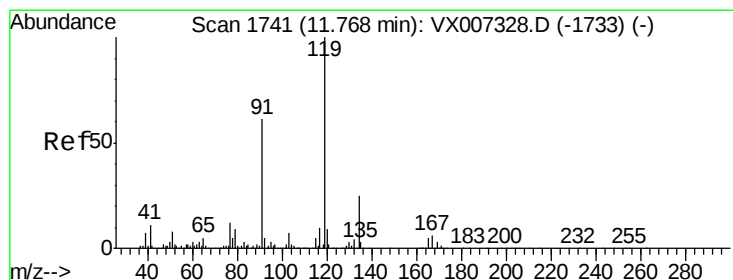
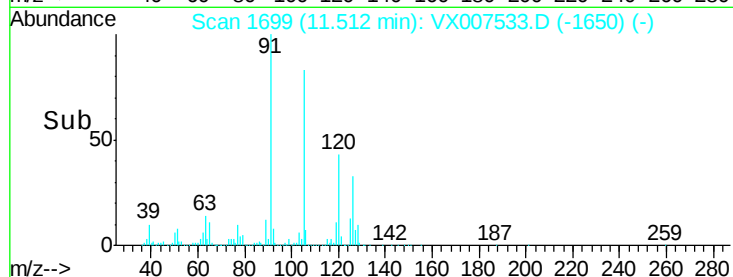
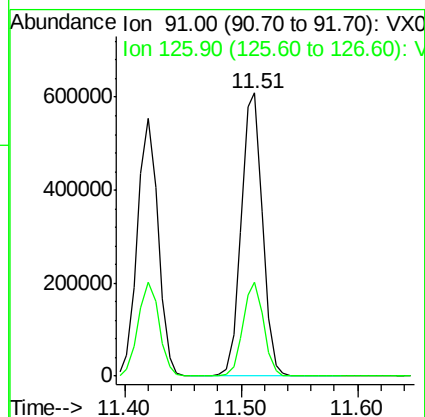
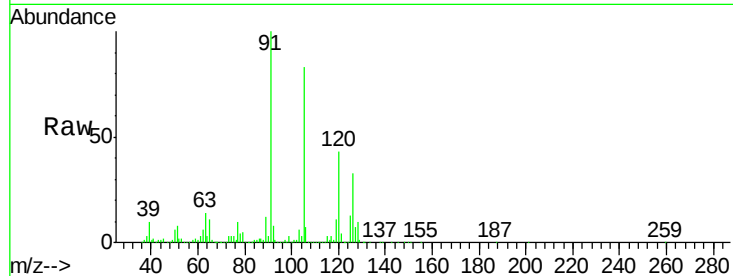




#82
4-Chlorotoluene
Concen: 47.996 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX007533.D
Acq: 13 Feb 2019 20:57

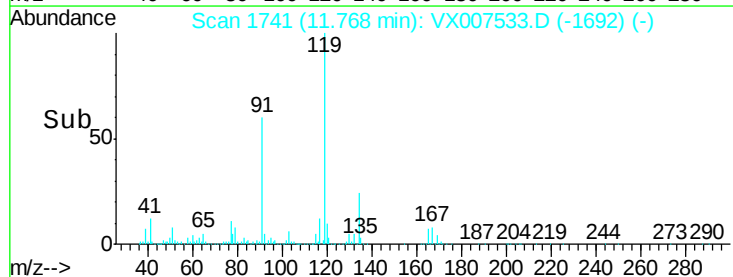
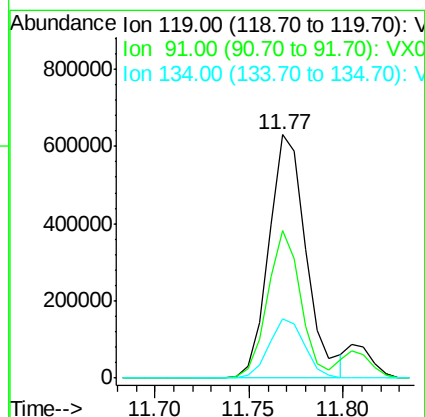
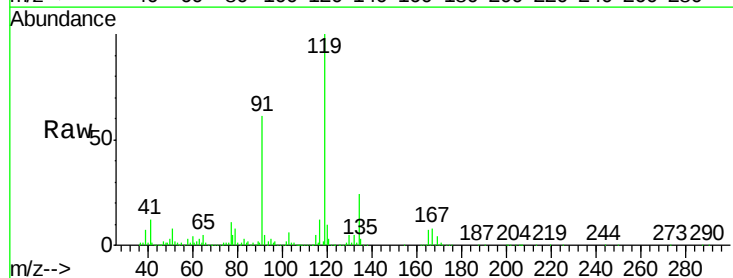
Instrument :
MSVOA_X
ClientSampleId :
MW-2-20190208MS

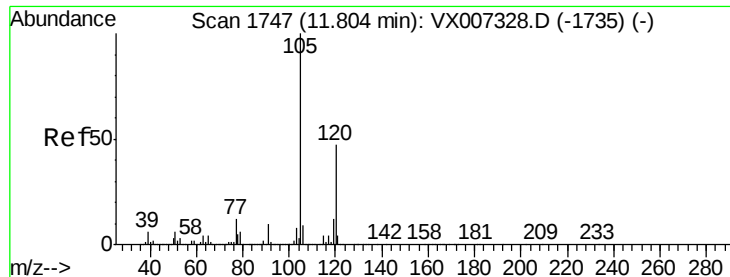
Tot Ion: 91 Resp: 775749
Ion Ratio Lower Upper
91 100
126 32.3 16.2 48.5



#83
tert-Butylbenzene
Concen: 50.813 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX007533.D
Acq: 13 Feb 2019 20:57

Tgt Ion: 119 Resp: 864028
Ion Ratio Lower Upper
119 100
91 54.0 28.5 85.6
134 23.3 12.0 36.0





#84

1,2,4-Trimethylbenzene

Concen: 49.612 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX007533.D

Acq: 13 Feb 2019 20:57

Instrument :

MSVOA_X

ClientSampleId :

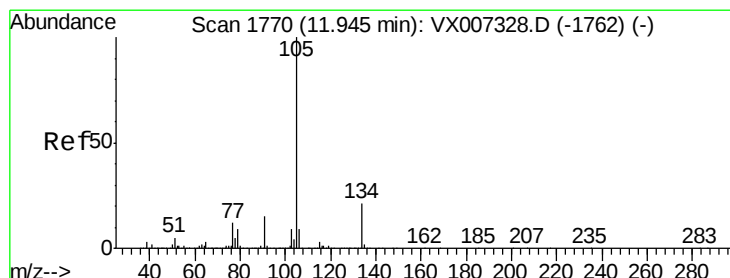
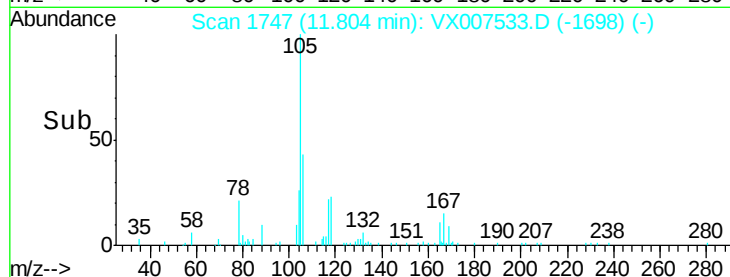
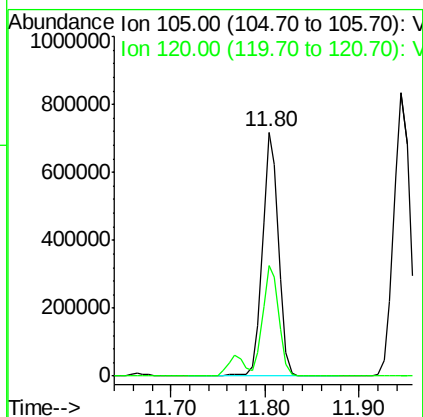
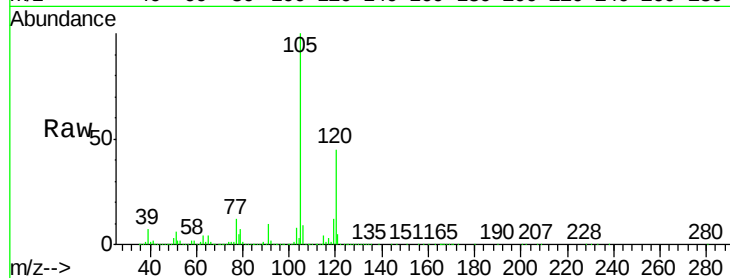
MW-2-20190208MS

Tot Ion:105 Resp: 865062

Ion Ratio Lower Upper

105 100

120 45.4 23.1 69.3



#85

sec-Butylbenzene

Concen: 48.987 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007533.D

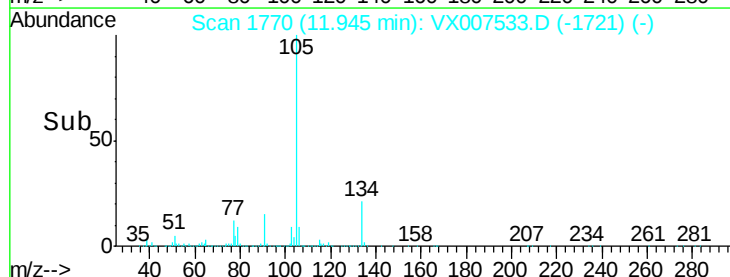
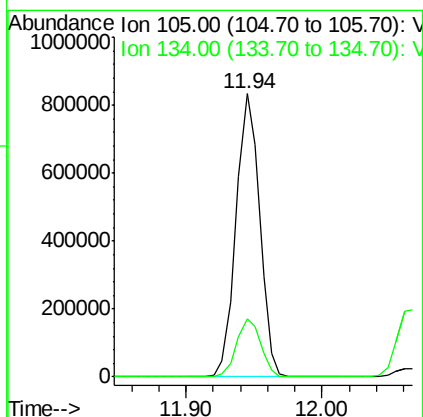
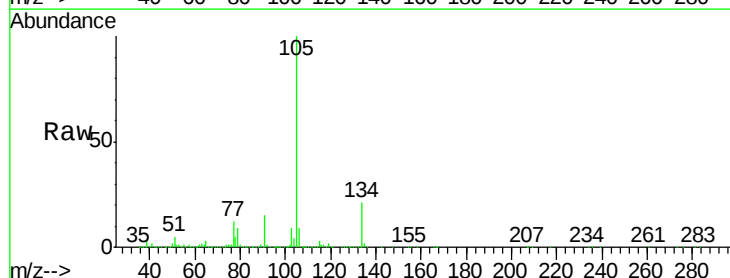
Acq: 13 Feb 2019 20:57

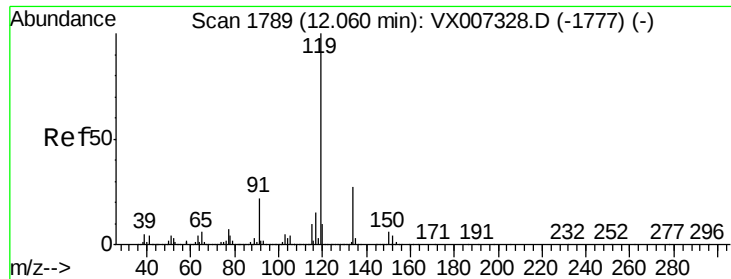
Tgt Ion:105 Resp: 1008176

Ion Ratio Lower Upper

105 100

134 21.2 10.6 31.8





#86

p-Isopropyltoluene

Concen: 47.824 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VX007533.D

Acq: 13 Feb 2019 20:57

Instrument :

MSVOA_X

ClientSampleId :

MW-2-20190208MS

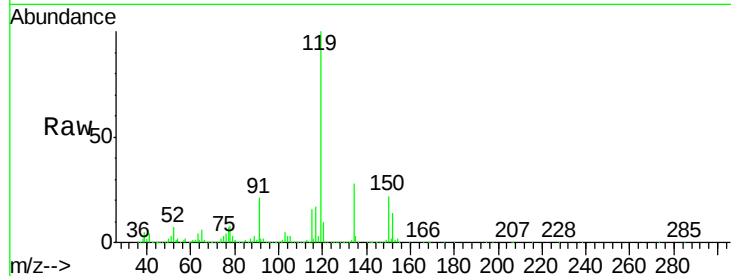
Tot Ion:119 Resp: 888482

Ion Ratio Lower Upper

119 100

134 27.6 13.7 41.1

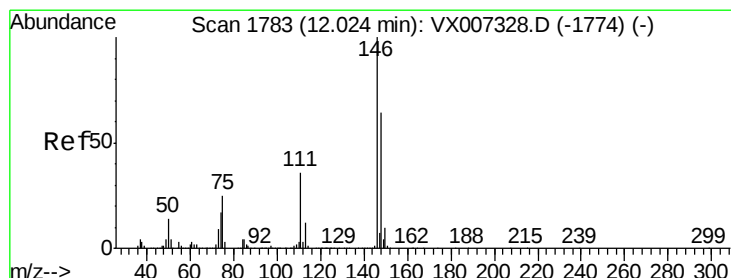
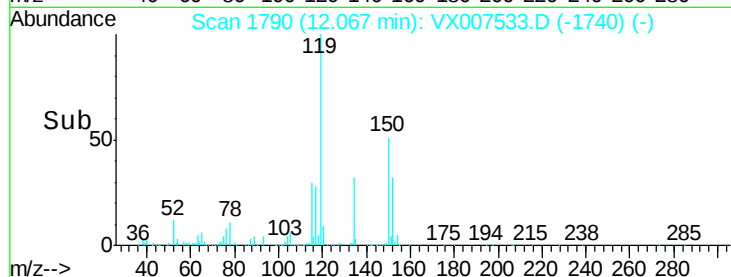
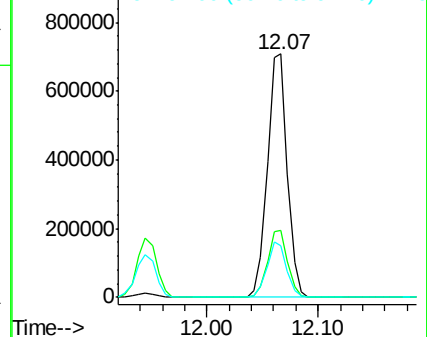
91 22.4 11.2 33.5



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): V



#87

1,3-Dichlorobenzene

Concen: 45.665 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX007533.D

Acq: 13 Feb 2019 20:57

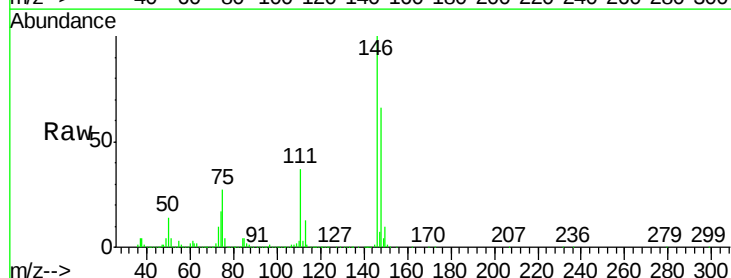
Tgt Ion:146 Resp: 484752

Ion Ratio Lower Upper

146 100

111 37.4 18.1 54.1

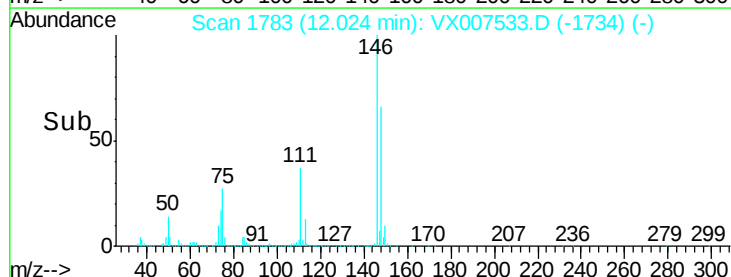
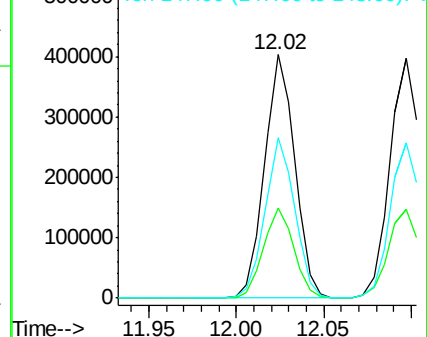
148 64.6 32.0 96.2

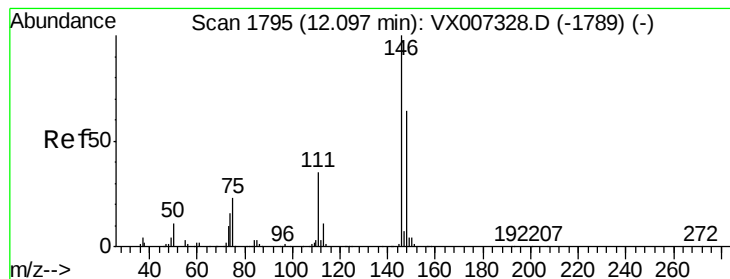


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#88

1,4-Dichlorobenzene

Concen: 45.030 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX007533.D

Acq: 13 Feb 2019 20:57

Instrument :

MSVOA_X

ClientSampleId :

MW-2-20190208MS

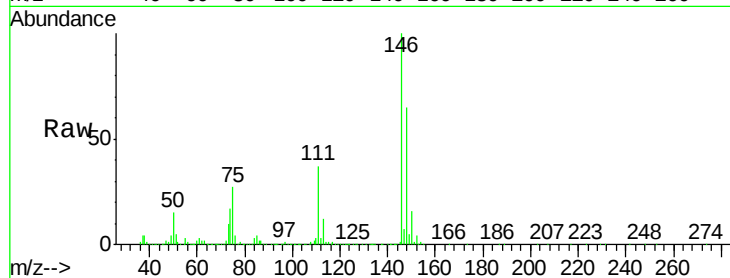
Tot Ion:146 Resp: 484963

Ion Ratio Lower Upper

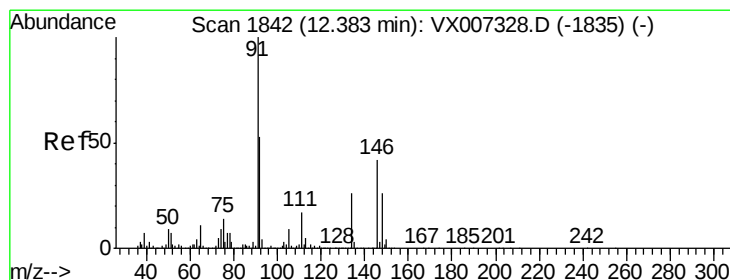
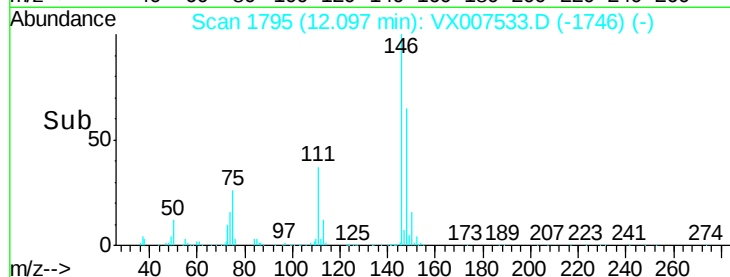
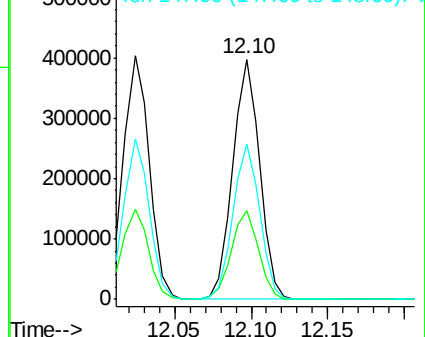
146 100

111 37.4 18.1 54.1

148 64.6 32.3 96.9



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



#89

n-Butylbenzene

Concen: 46.487 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.01 min

Lab File: VX007533.D

Acq: 13 Feb 2019 20:57

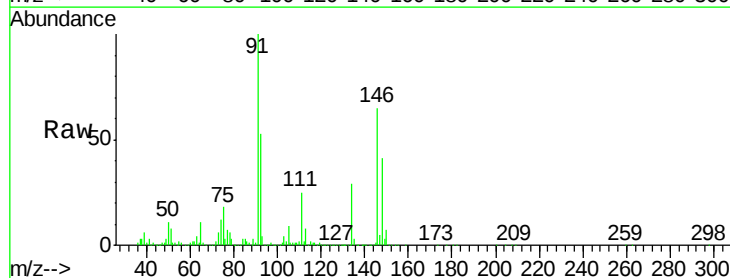
Tgt Ion: 91 Resp: 742934

Ion Ratio Lower Upper

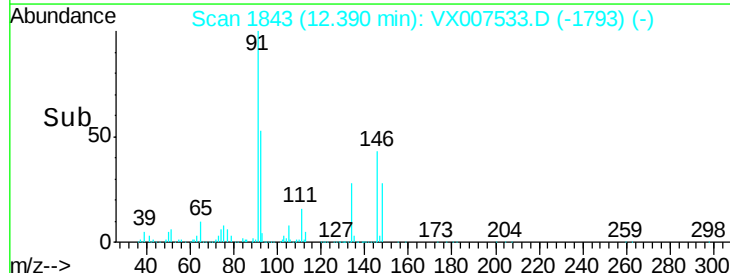
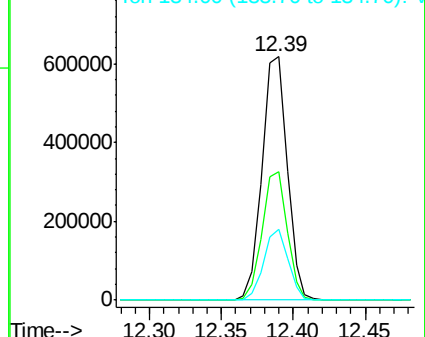
91 100

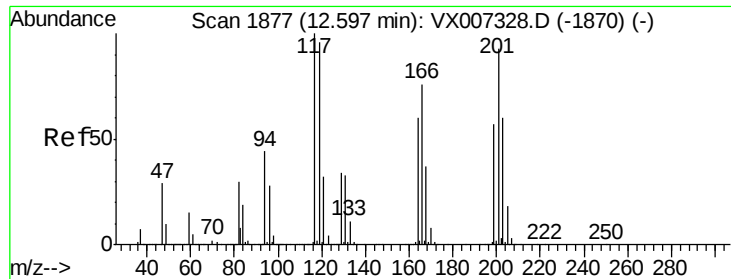
92 52.5 26.3 78.9

134 28.2 13.9 41.6



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

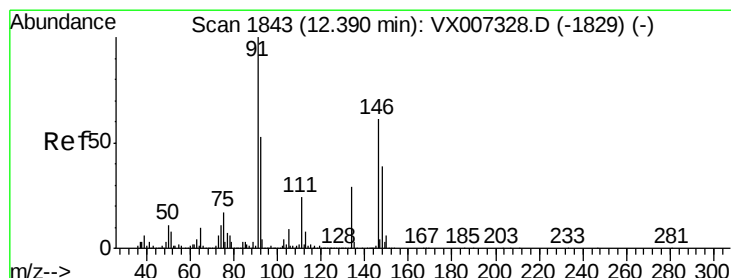
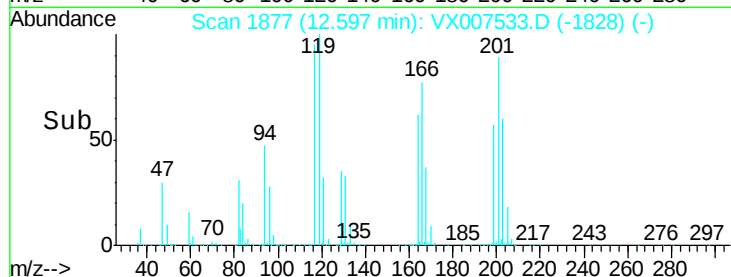
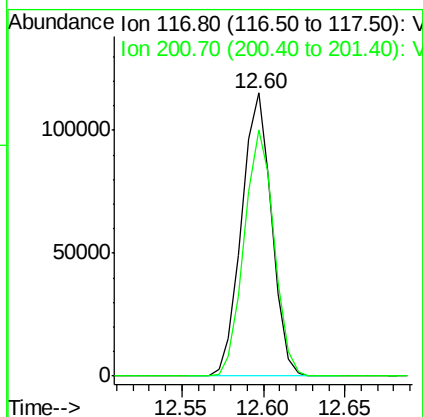
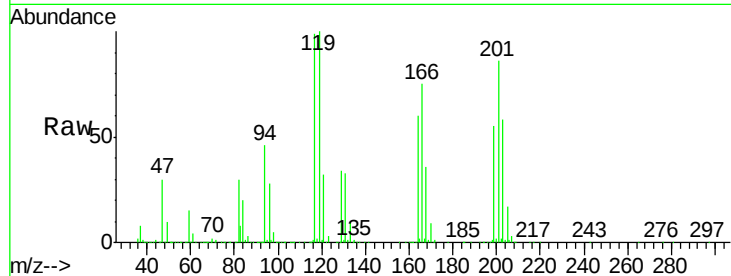




#90
Hexachloroethane
Concen: 53.314 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007533.D
Acq: 13 Feb 2019 20:57

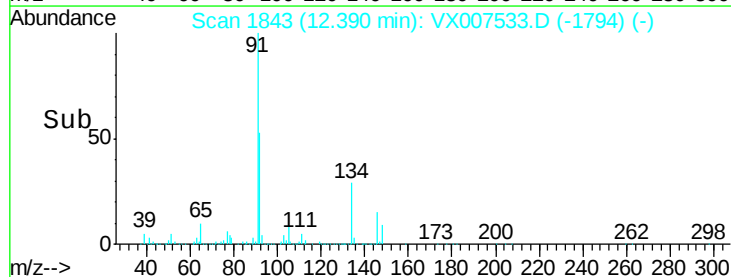
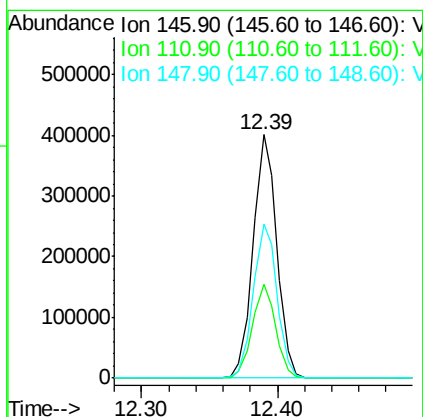
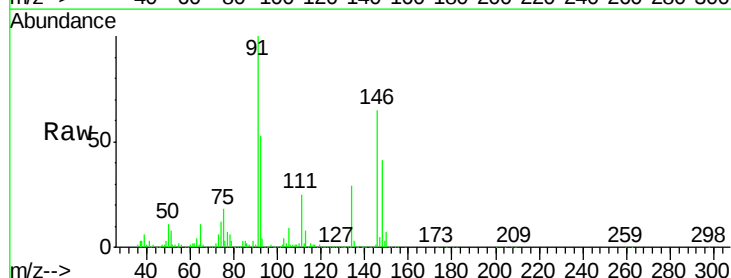
Instrument :
MSVOA_X
ClientSampleId :
MW-2-20190208MS

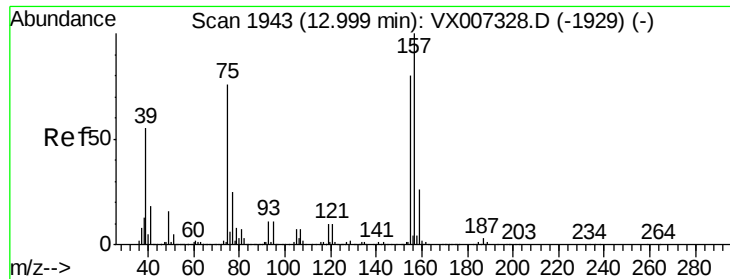
Tot Ion:117 Resp: 148237
Ion Ratio Lower Upper
117 100
201 86.3 44.9 134.7



#91
1,2-Dichlorobenzene
Concen: 46.496 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX007533.D
Acq: 13 Feb 2019 20:57

Tgt Ion:146 Resp: 491194
Ion Ratio Lower Upper
146 100
111 38.2 19.1 57.3
148 63.7 32.1 96.3





#92

1,2-Dibromo-3-Chloropropane

Concen: 53.877 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX007533.D

Acq: 13 Feb 2019 20:57

Instrument :

MSVOA_X

ClientSampleId :

MW-2-20190208MS

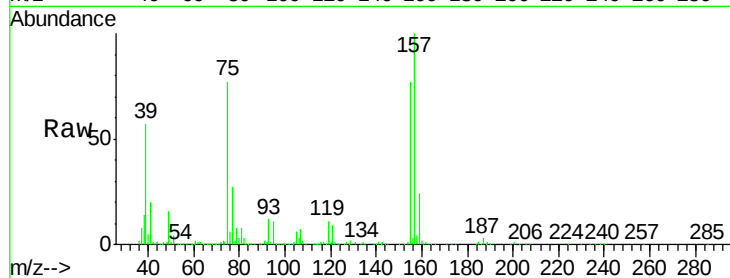
Tot Ion: 75 Resp: 71674

Ion Ratio Lower Upper

75 100

155 104.3 49.6 149.0

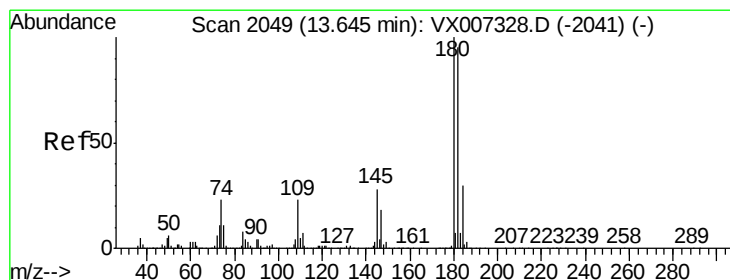
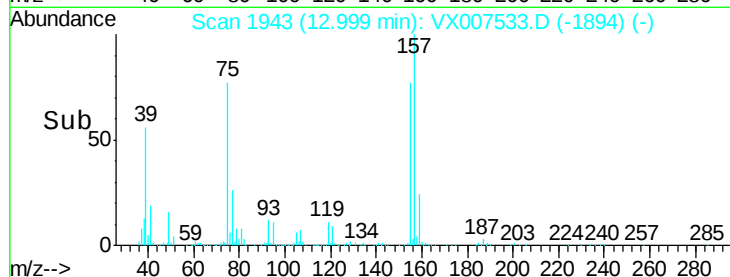
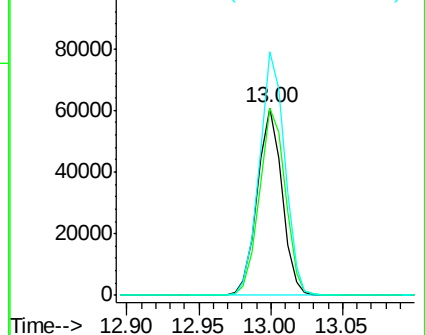
157 133.9 65.1 195.3



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: 45.622 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX007533.D

Acq: 13 Feb 2019 20:57

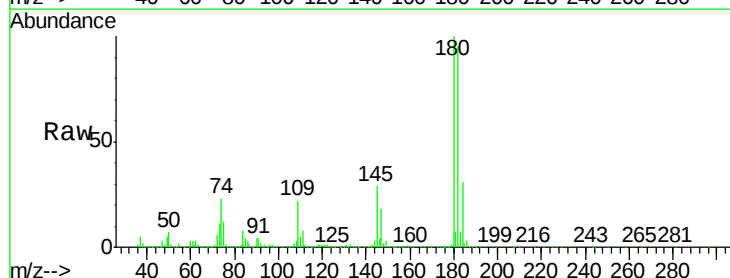
Tgt Ion:180 Resp: 325028

Ion Ratio Lower Upper

180 100

182 95.8 47.8 143.3

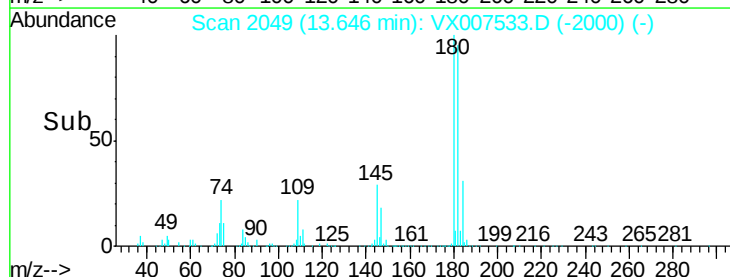
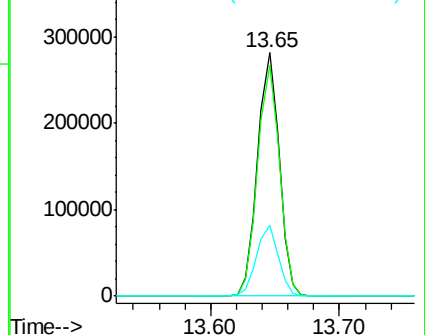
145 29.4 14.1 42.2

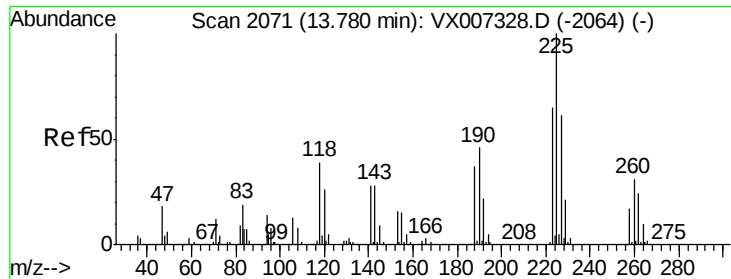


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 42.216 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX007533.D

Acq: 13 Feb 2019 20:57

Instrument :

MSVOA_X

ClientSampleId :

MW-2-20190208MS

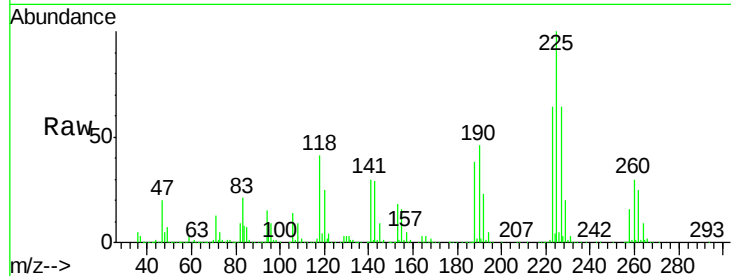
Tot Ion:225 Resp: 146045

Ion Ratio Lower Upper

225 100

223 63.5 31.6 94.8

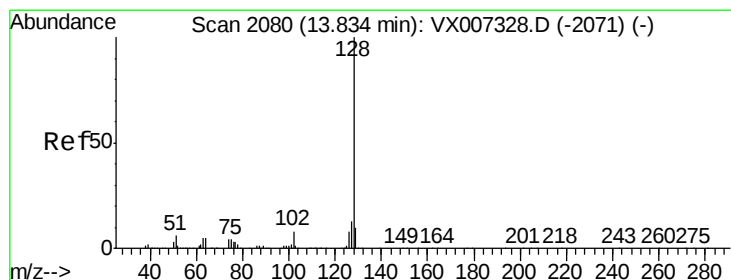
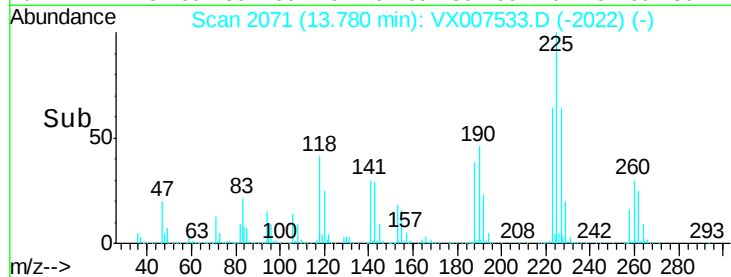
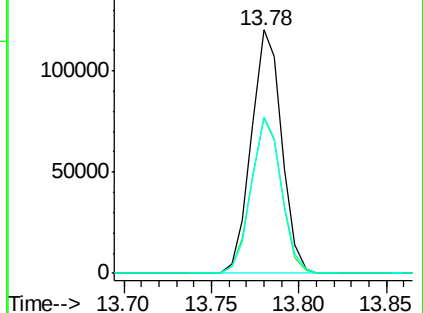
227 63.9 32.1 96.3



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 51.748 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007533.D

Acq: 13 Feb 2019 20:57

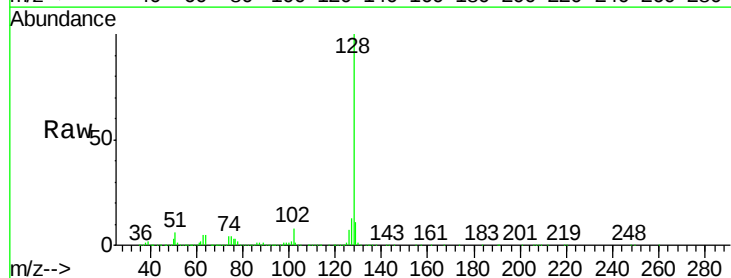
Tgt Ion:128 Resp: 1078121

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

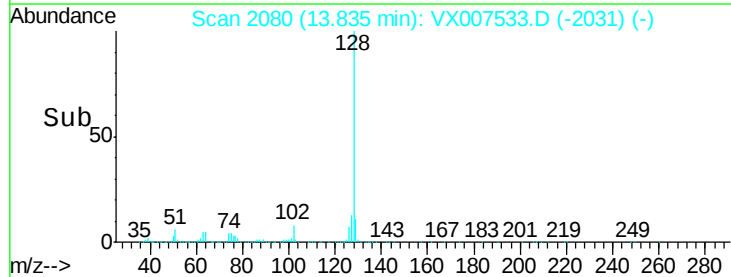
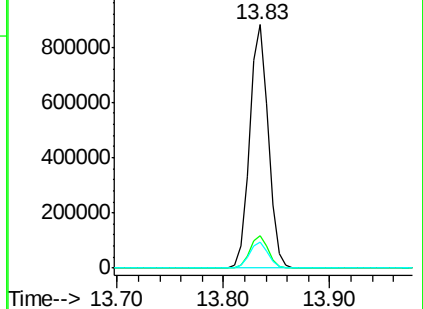
129 10.6 8.7 13.1

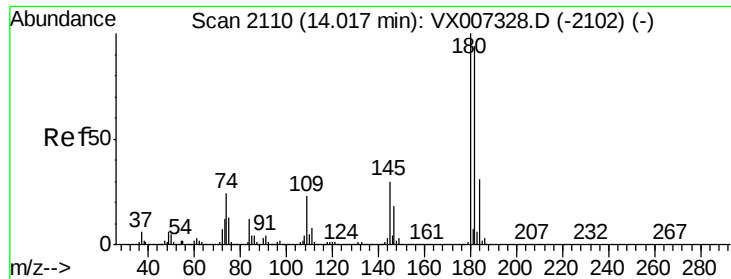


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

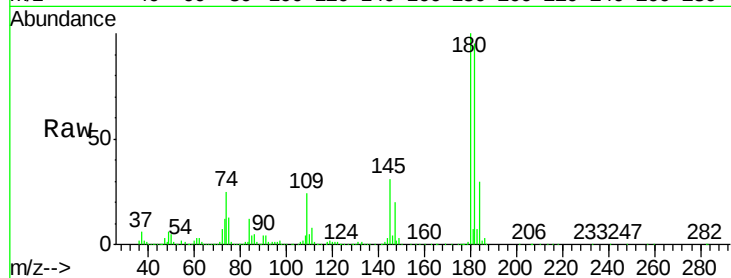




#96
 1,2,3-Trichlorobenzene
 Concen: 46.226 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX007533.D
 Acq: 13 Feb 2019 20:57

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2-20190208MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.5	142.6
145	30.6	14.9	44.5



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

