

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022619\
 Data File : VX007728.D
 Acq On : 26 Feb 2019 21:46
 Operator : JC/SP
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 27 00:22:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	335061	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	536769	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	486427	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	251996	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	203616	49.06	ug/l	0.00
Spiked Amount			Recovery	=	98.12%	
35) Dibromofluoromethane	5.50	113	181470	50.58	ug/l	0.00
Spiked Amount			Recovery	=	101.16%	
50) Toluene-d8	8.71	98	674451	49.10	ug/l	0.00
Spiked Amount			Recovery	=	98.20%	
62) 4-Bromofluorobenzene	11.13	95	237127	47.03	ug/l	0.00
Spiked Amount			Recovery	=	94.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	151479	49.077	ug/l	100
3) Chloromethane	1.33	50	161174	47.122	ug/l	99
4) Vinyl Chloride	1.41	62	166858	47.550	ug/l	99
5) Bromomethane	1.64	94	105215	47.525	ug/l	99
6) Chloroethane	1.71	64	108417	48.358	ug/l	97
7) Trichlorofluoromethane	1.93	101	265303	49.317	ug/l	98
8) Diethyl Ether	2.19	74	102230	46.304	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.39	101	149956	46.120	ug/l	93
10) Methyl Iodide	2.51	142	211845	52.325	ug/l	97
11) Tert butyl alcohol	3.08	59	192863	244.916	ug/l	99
12) 1,1-Dichloroethene	2.37	96	146723	50.062	ug/l	96
13) Acrolein	2.30	56	300387	429.276	ug/l	100
14) Allyl chloride	2.73	41	260004	47.978	ug/l	97
15) Acrylonitrile	3.15	53	456164	246.157	ug/l	99
16) Acetone	2.45	43	406902	220.464	ug/l	98
17) Carbon Disulfide	2.57	76	390866	47.936	ug/l	98
18) Methyl Acetate	2.78	43	220347	54.712	ug/l	95
19) Methyl tert-butyl Ether	3.21	73	506125	49.590	ug/l	98
20) Methylene Chloride	2.86	84	159821	46.895	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	153467	48.166	ug/l	98
22) Diisopropyl ether	3.87	45	554687	49.169	ug/l	99
23) Vinyl Acetate	3.82	43	2442609	246.787	ug/l	100
24) 1,1-Dichloroethane	3.70	63	303973	49.579	ug/l	99
25) 2-Butanone	4.70	43	676411	240.594	ug/l	100
26) 2,2-Dichloropropane	4.59	77	198977	40.657	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	197623	48.745	ug/l	99
28) Bromochloromethane	5.02	49	146267	49.004	ug/l	92
29) Tetrahydrofuran	5.15	42	456156	246.143	ug/l	99
30) Chloroform	5.21	83	320707	48.833	ug/l	96
31) Cyclohexane	5.57	56	271662	47.105	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	271760	50.035	ug/l	98
36) 1,1-Dichloropropene	5.80	75	233454	48.377	ug/l	98
37) Ethyl Acetate	4.85	43	265520	49.532	ug/l	100
38) Carbon Tetrachloride	5.78	117	235147	48.509	ug/l	96

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	284384	46.628	ug/l	99
40) Benzene	6.14	78	726255	48.753	ug/l	99
41) Methacrylonitrile	5.06	41	145621	50.872	ug/l	98
42) 1,2-Dichloroethane	6.20	62	244390	48.810	ug/l	99
43) Isopropyl Acetate	6.46	43	409274	49.607	ug/l	100
44) Trichloroethene	7.21	130	195735	47.764	ug/l	95
45) 1,2-Dichloropropane	7.52	63	185370	48.038	ug/l	96
46) Dibromomethane	7.66	93	128352	47.677	ug/l	91
47) Bromodichloromethane	7.90	83	234688	50.305	ug/l	99
48) Methyl methacrylate	7.77	41	211325	48.865	ug/l	100
49) 1,4-Dioxane	7.75	88	90454	968.403	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1365962	247.342	ug/l	99
52) Toluene	8.78	92	455316	48.470	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	257358	44.688	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	280302	49.510	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	190560	48.647	ug/l	98
56) Ethyl methacrylate	9.18	69	278974	50.080	ug/l	99
57) 1,3-Dichloropropane	9.37	76	311398	49.660	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	765853	249.310	ug/l	97
59) 2-Hexanone	9.49	43	1066444	245.967	ug/l	99
60) Dibromochloromethane	9.58	129	193715	51.393	ug/l	97
61) 1,2-Dibromoethane	9.67	107	203499	50.036	ug/l	98
64) Tetrachloroethene	9.34	164	180823	45.791	ug/l	97
65) Chlorobenzene	10.14	112	504830	47.986	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	181410	49.434	ug/l	99
67) Ethyl Benzene	10.25	91	854662	49.040	ug/l	99
68) m/p-Xylenes	10.36	106	676651	99.802	ug/l	96
69) o-Xylene	10.70	106	325618	49.930	ug/l	97
70) Styrene	10.71	104	538978	50.281	ug/l	98
71) Bromoform	10.86	173	134400	48.839	ug/l #	99
73) Isopropylbenzene	11.02	105	867564	48.170	ug/l	100
74) N-amyl acetate	10.90	43	387965	49.604	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	289603	46.491	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	328211	61.103	ug/l	80
77) Bromobenzene	11.26	156	215126	47.621	ug/l	89
78) n-propylbenzene	11.36	91	1003851	49.324	ug/l	97
79) 2-Chlorotoluene	11.42	91	592548	48.354	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	745248	50.305	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	80003	40.520	ug/l	97
82) 4-Chlorotoluene	11.51	91	715517	49.912	ug/l	95
83) tert-Butylbenzene	11.77	119	713164	50.138	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	766494	50.581	ug/l	97
85) sec-Butylbenzene	11.94	105	889481	49.903	ug/l	98
86) p-Isopropyltoluene	12.06	119	784004	50.225	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	396159	47.278	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	406634	47.384	ug/l	98
89) n-Butylbenzene	12.38	91	688647	49.467	ug/l	98
90) Hexachloroethane	12.60	117	127061	48.309	ug/l	84
91) 1,2-Dichlorobenzene	12.39	146	399116	47.604	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	64258	47.343	ug/l	86

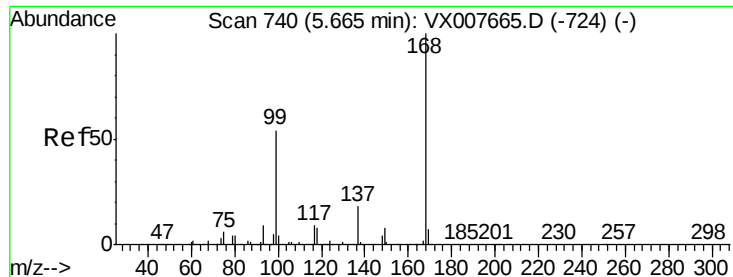
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	242224	47.330	ug/l	97
94) Hexachlorobutadiene	13.78	225	107047	45.723	ug/l	99
95) Naphthalene	13.83	128	847763	51.130	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	249415	48.537	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

Instrument :

MSVOA_X

ClientSampleId :

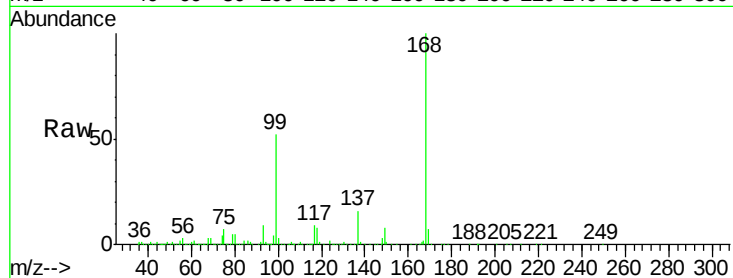
VSTDCCC050EC

Tot Ion:168 Resp: 335061

Ion Ratio Lower Upper

168 100

99 51.9 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

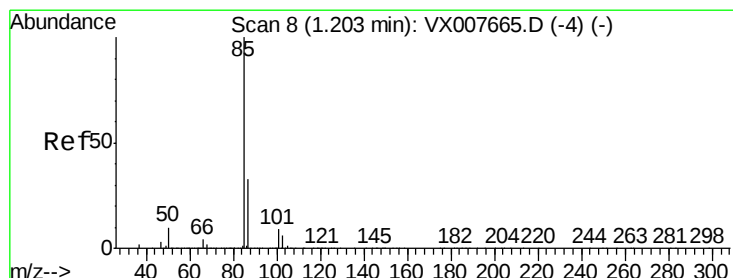
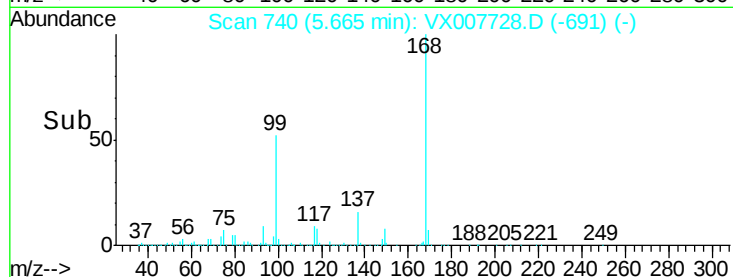
5.67

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 49.077 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.01 min

Lab File: VX007728.D

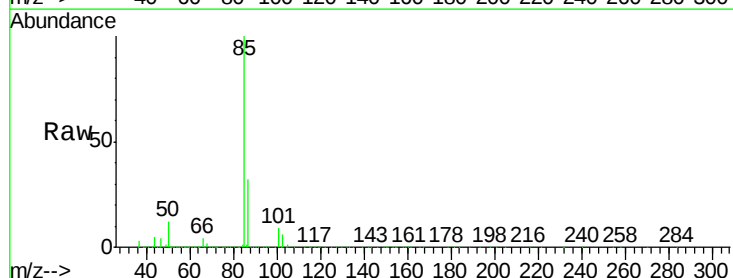
Acq: 26 Feb 2019 21:46

Tgt Ion: 85 Resp: 151479

Ion Ratio Lower Upper

85 100

87 31.9 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

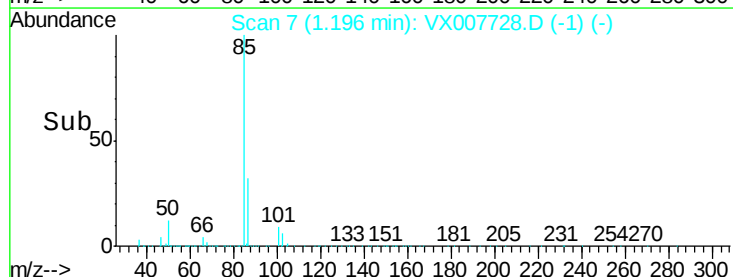
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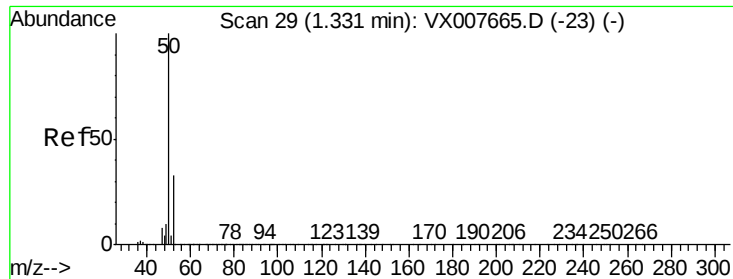
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Time-->

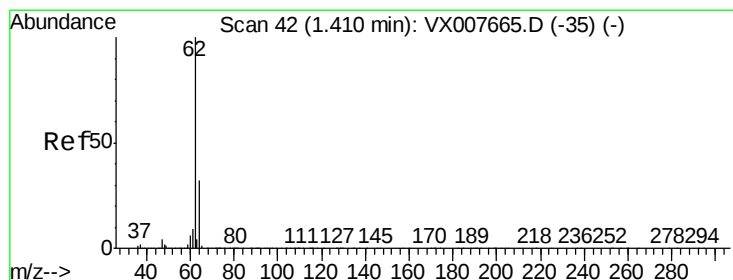
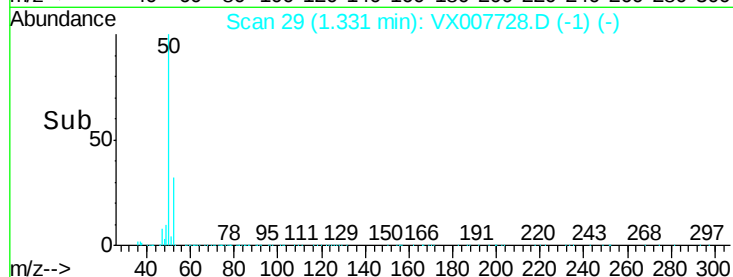
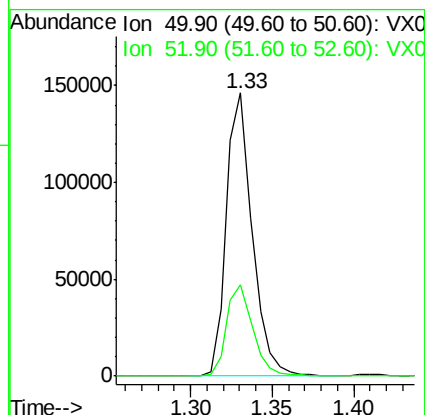
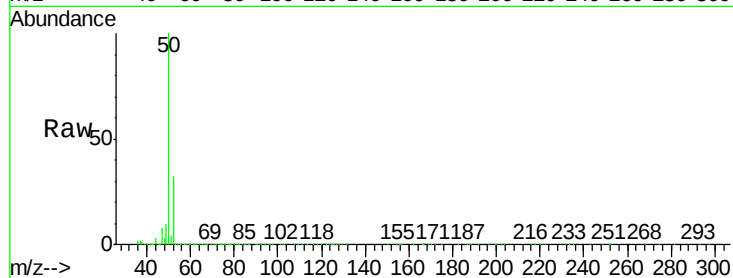




#3
Chloromethane
Concen: 47.122 ug/l
RT: 1.33 min Scan# 29
Delta R.T. -0.00 min
Lab File: VX007728.D
Acq: 26 Feb 2019 21:46

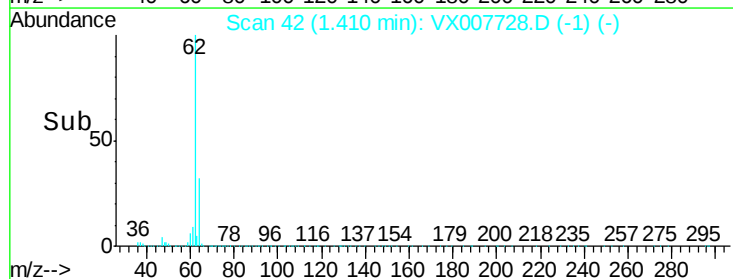
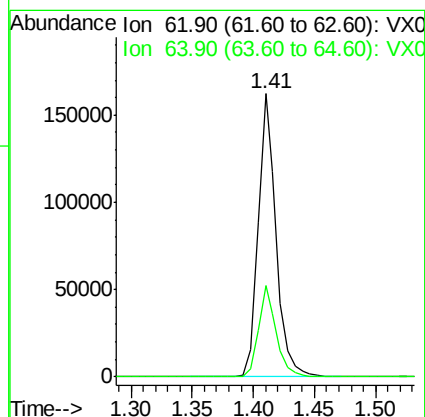
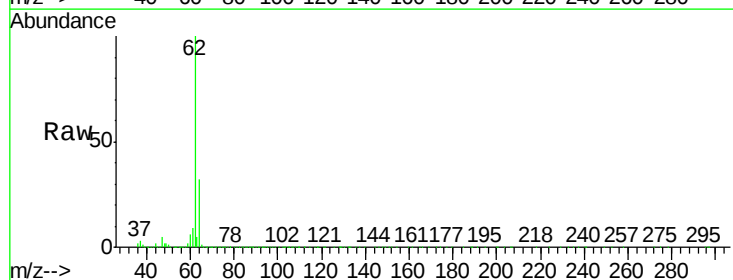
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 50 Resp: 161174
Ion Ratio Lower Upper
50 100
52 32.0 26.1 39.1



#4
Vinyl Chloride
Concen: 47.550 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX007728.D
Acq: 26 Feb 2019 21:46

Tgt Ion: 62 Resp: 166858
Ion Ratio Lower Upper
62 100
64 32.3 25.4 38.0





#5

Bromomethane

Concen: 47.525 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

Instrument :

MSVOA_X

ClientSampleId :

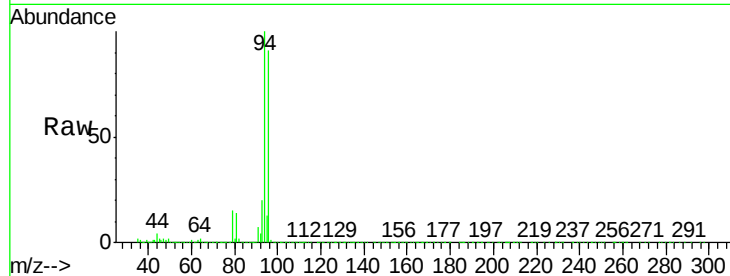
VSTDCCC050EC

Tot Ion: 94 Resp: 105215

Ion Ratio Lower Upper

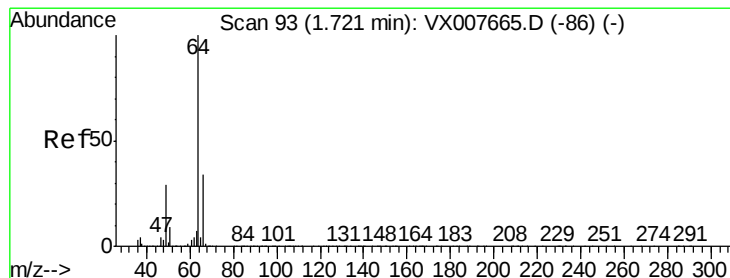
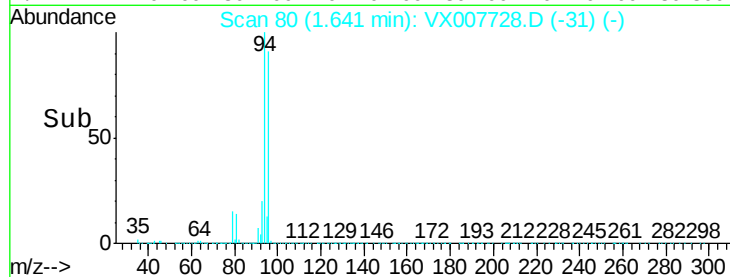
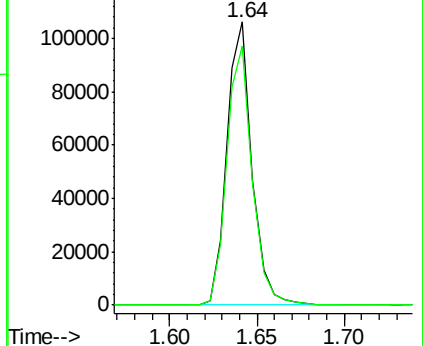
94 100

96 91.2 73.9 110.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 48.358 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX007728.D

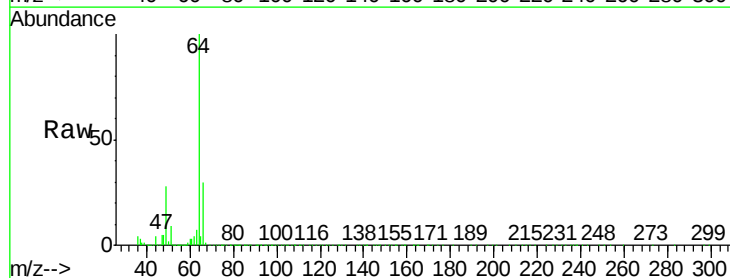
Acq: 26 Feb 2019 21:46

Tgt Ion: 64 Resp: 108417

Ion Ratio Lower Upper

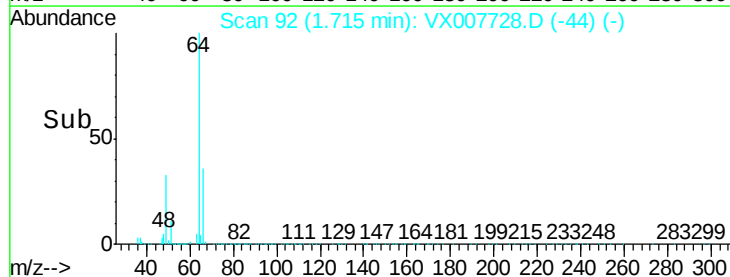
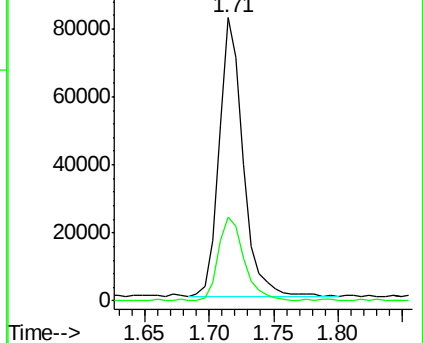
64 100

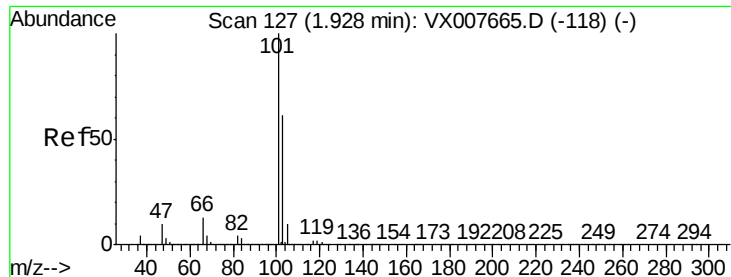
66 30.1 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



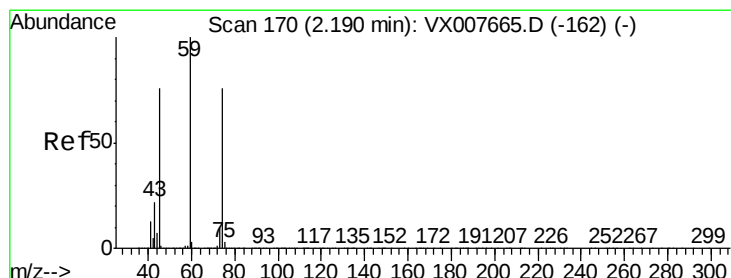
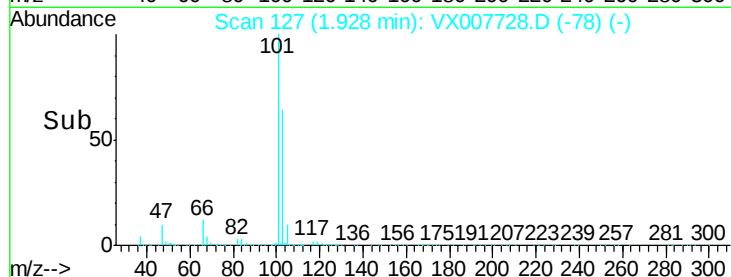
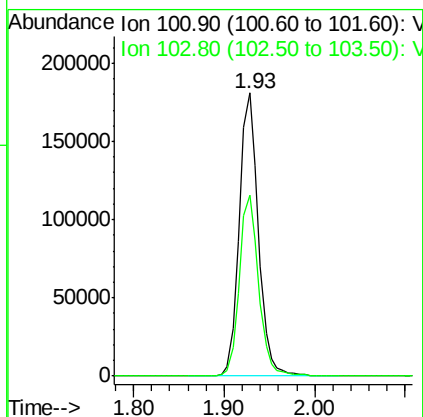
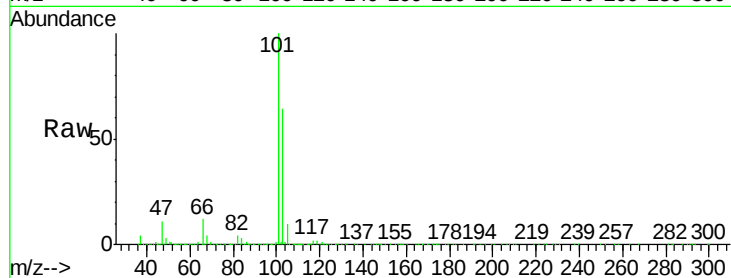


#7

Trichlorofluoromethane
Concen: 49.317 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX007728.D
Acq: 26 Feb 2019 21:46

Instrument :
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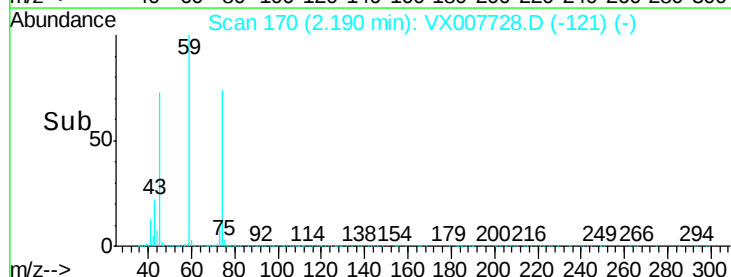
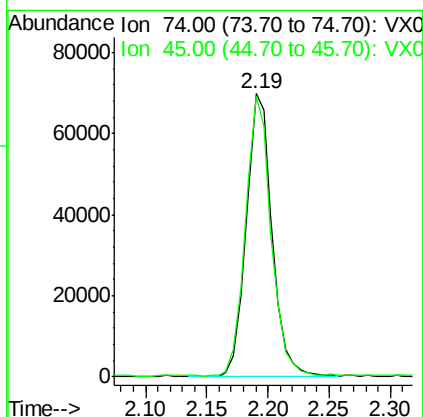
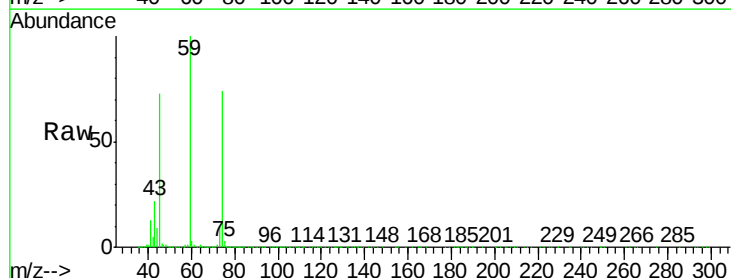
Tot Ion:101 Resp: 265303
Ion Ratio Lower Upper
101 100
103 64.1 52.6 79.0

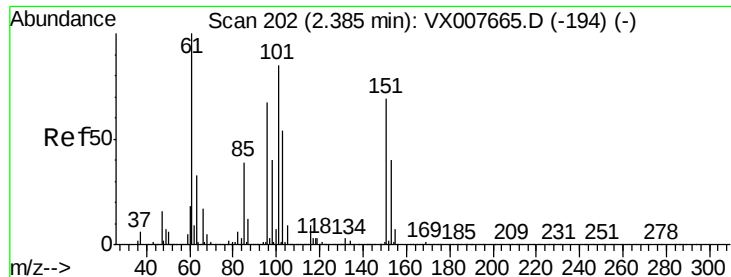


#8

Diethyl Ether
Concen: 46.304 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007728.D
Acq: 26 Feb 2019 21:46

Tgt Ion: 74 Resp: 102230
Ion Ratio Lower Upper
74 100
45 97.9 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.120 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

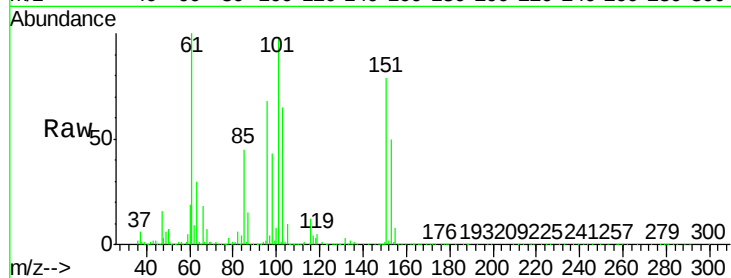
Tot Ion:101 Resp: 149956

Ion Ratio Lower Upper

101 100

85 45.3 34.1 51.1

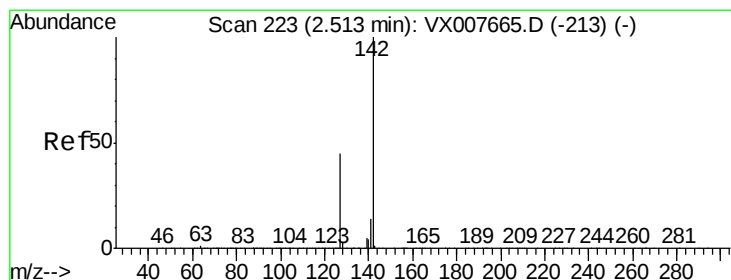
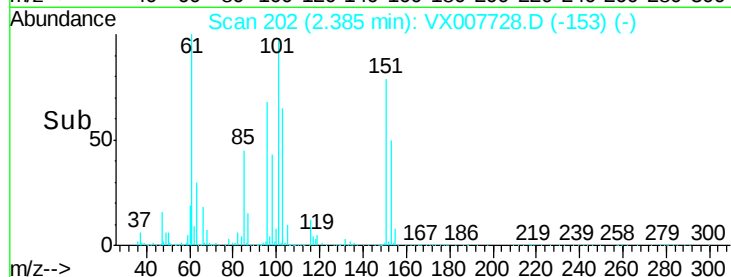
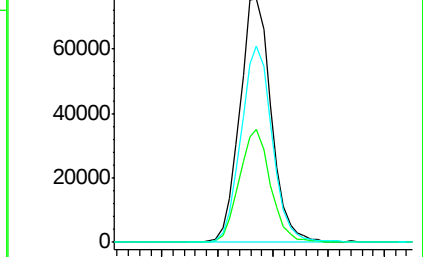
151 79.4 69.9 104.9



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: 52.325 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

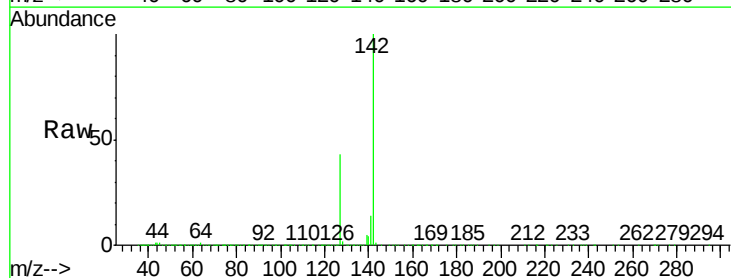
Tgt Ion:142 Resp: 211845

Ion Ratio Lower Upper

142 100

127 44.2 33.7 50.5

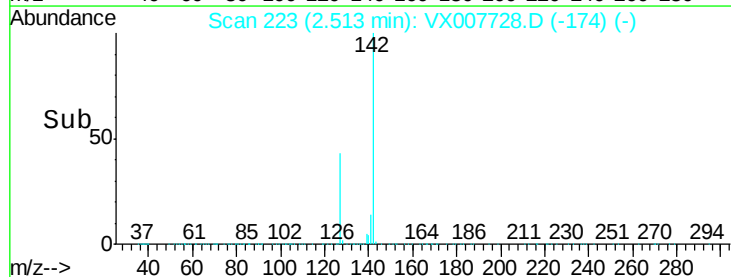
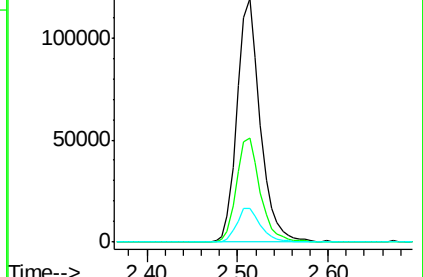
141 14.5 11.3 16.9



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



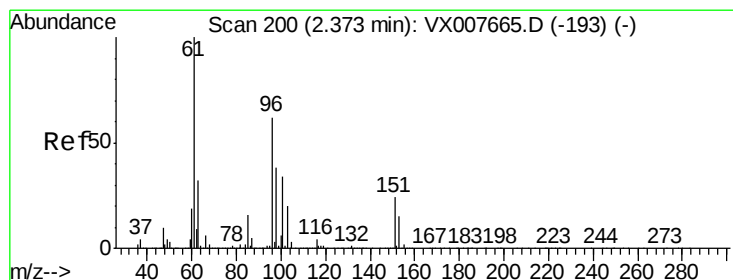
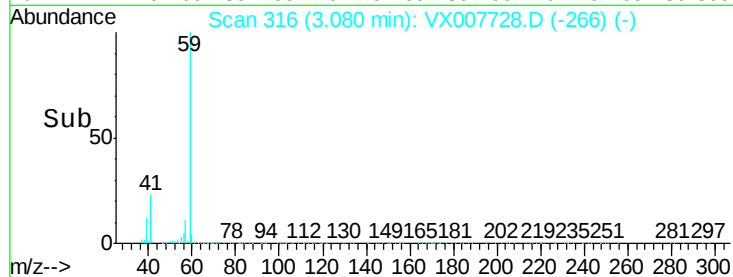
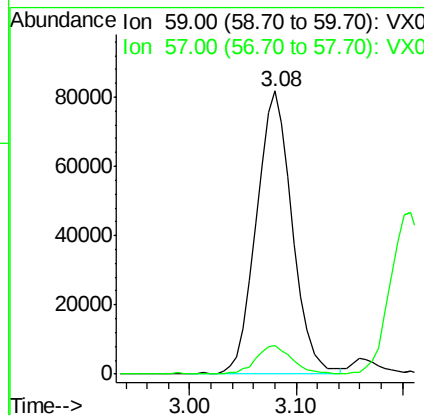
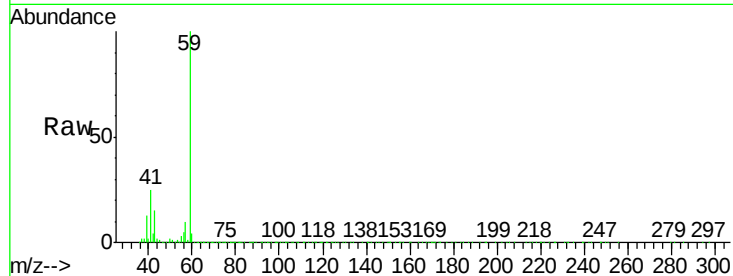


#11

Tert butyl alcohol
Concen: 244.916 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX007728.D
Acq: 26 Feb 2019 21:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

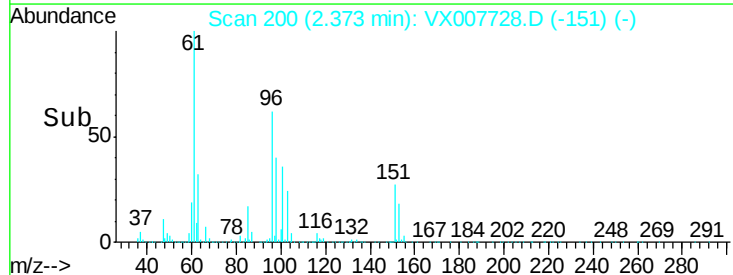
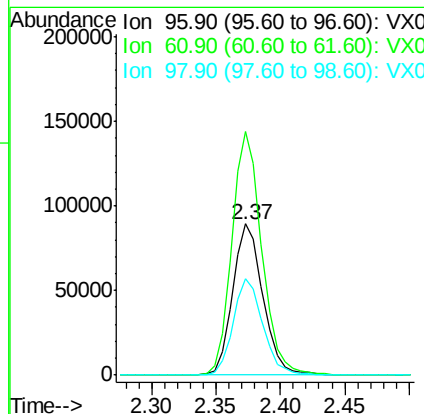
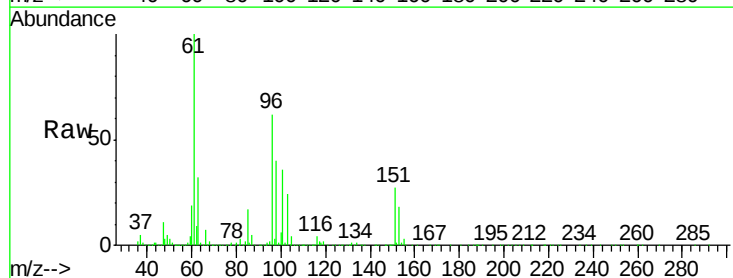
Tot Ion: 59 Resp: 192863
Ion Ratio Lower Upper
59 100
57 9.8 8.1 12.1

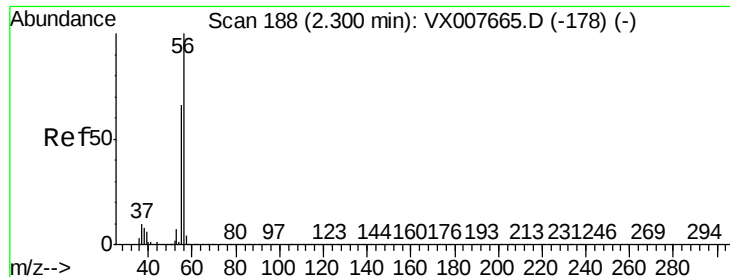


#12

1,1-Dichloroethene
Concen: 50.062 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX007728.D
Acq: 26 Feb 2019 21:46

Tgt Ion: 96 Resp: 146723
Ion Ratio Lower Upper
96 100
61 161.2 123.0 184.4
98 64.1 50.9 76.3





#13

Acrolein

Concen: 429.276 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

Instrument :

MSVOA_X

ClientSampleId :

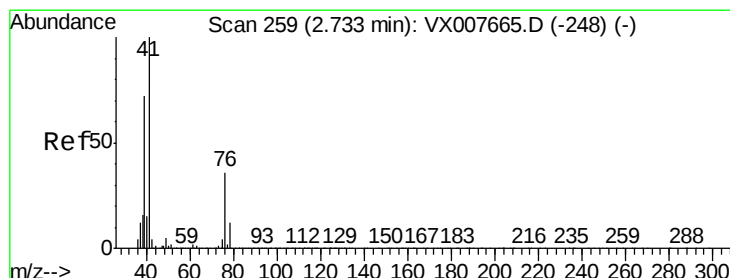
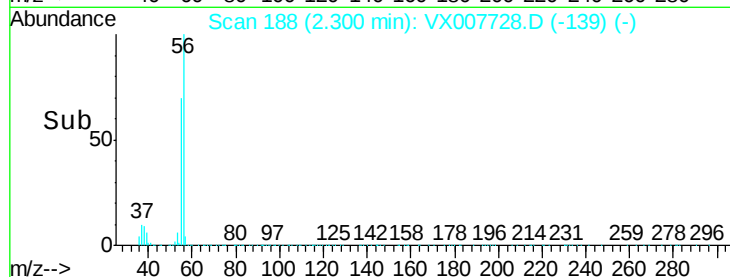
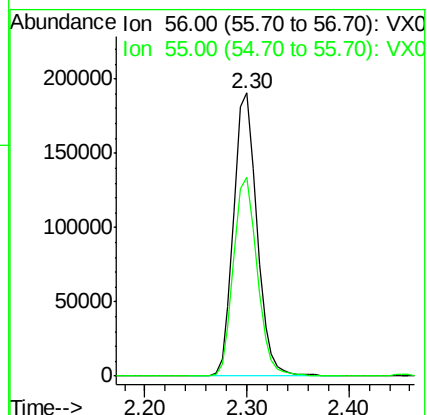
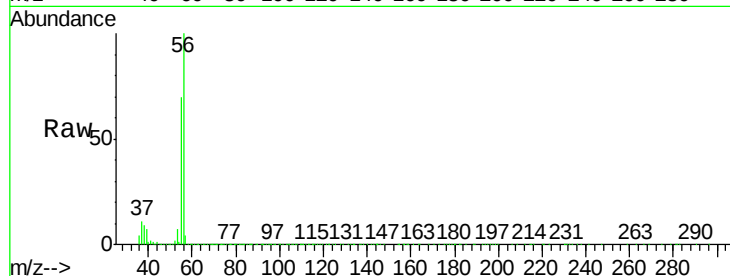
VSTDCCC050EC

Tot Ion: 56 Resp: 300387

Ion Ratio Lower Upper

56 100

55 71.4 56.9 85.3



#14

Allyl chloride

Concen: 47.978 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.01 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

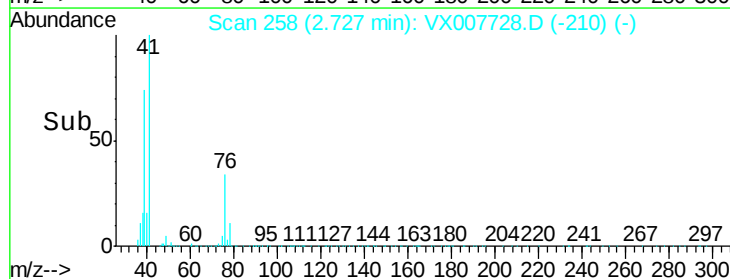
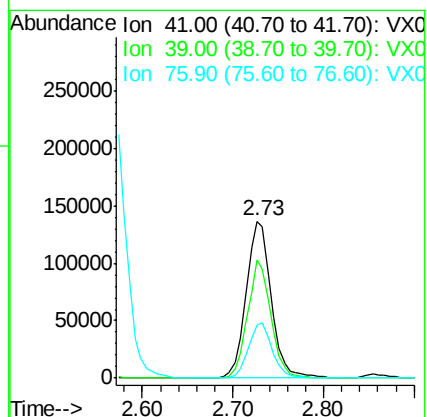
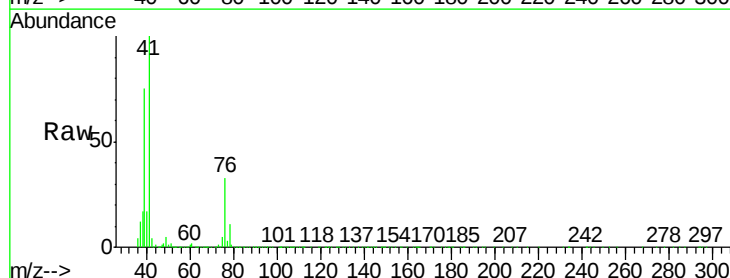
Tgt Ion: 41 Resp: 260004

Ion Ratio Lower Upper

41 100

39 69.8 54.1 81.1

76 32.9 27.8 41.8





#15

Acrylonitrile

Concen: 246.157 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

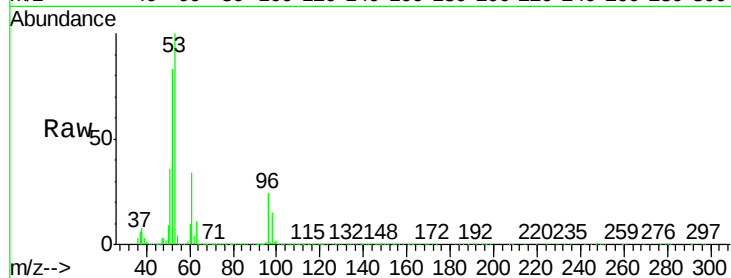
Tot Ion: 53 Resp: 456164

Ion Ratio Lower Upper

53 100

52 83.4 66.4 99.6

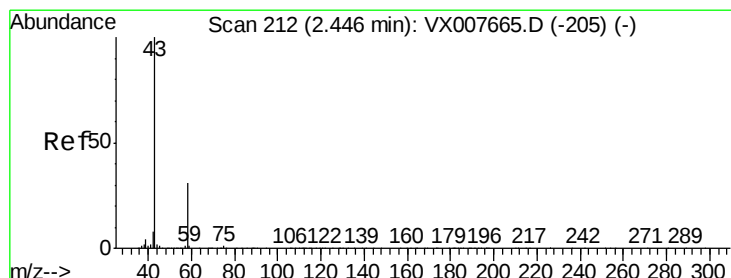
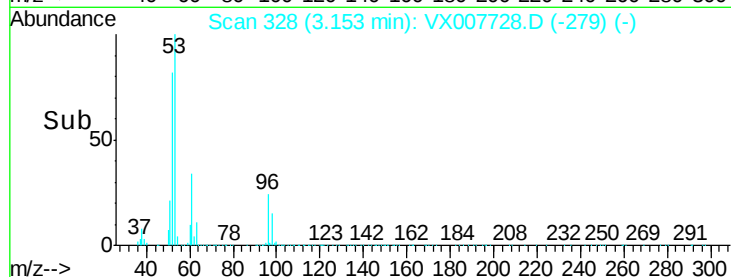
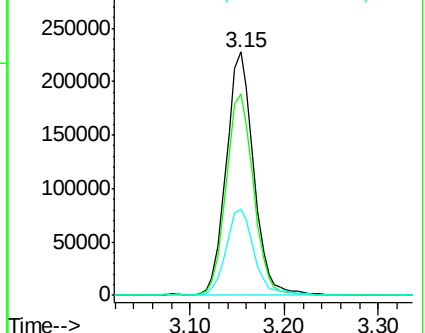
51 36.3 28.4 42.6



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 220.464 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX007728.D

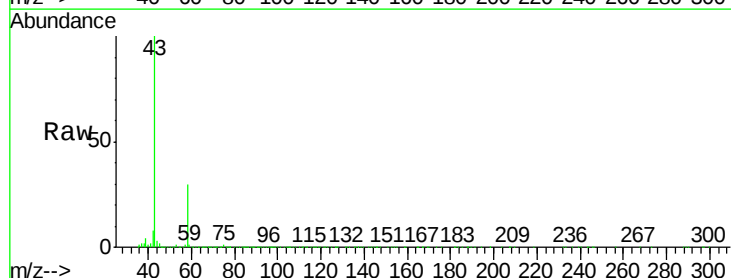
Acq: 26 Feb 2019 21:46

Tgt Ion: 43 Resp: 406902

Ion Ratio Lower Upper

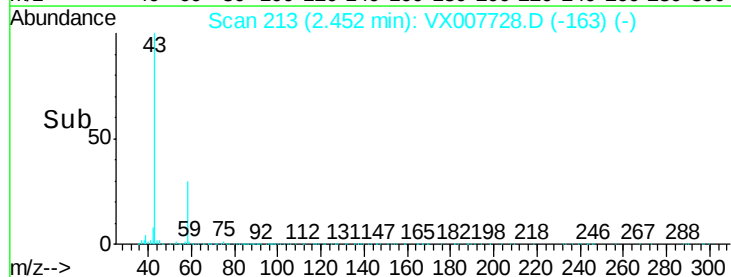
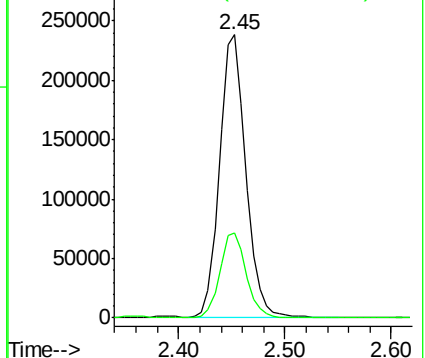
43 100

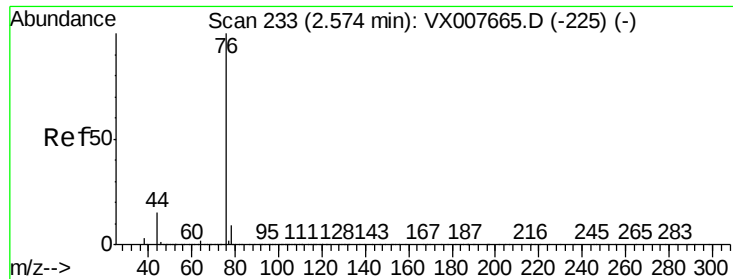
58 30.2 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

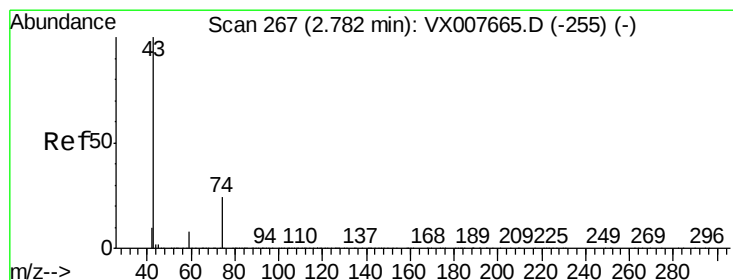
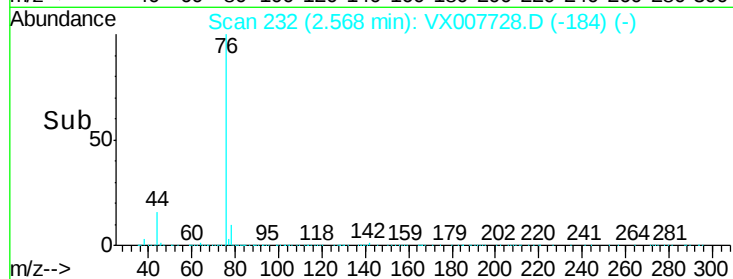
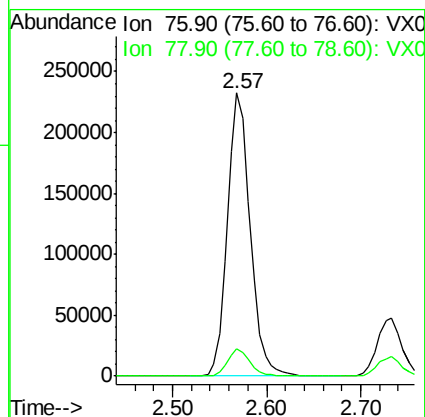
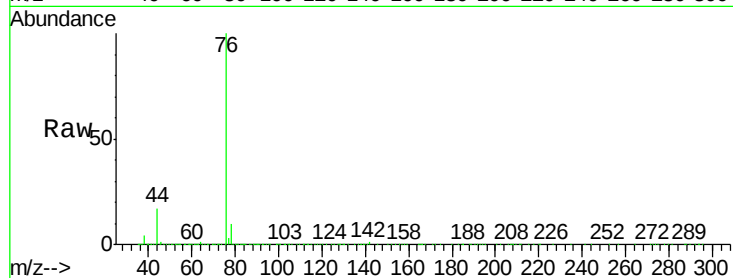




#17
Carbon Disulfide
Concen: 47.936 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.01 min
Lab File: VX007728.D
Acq: 26 Feb 2019 21:46

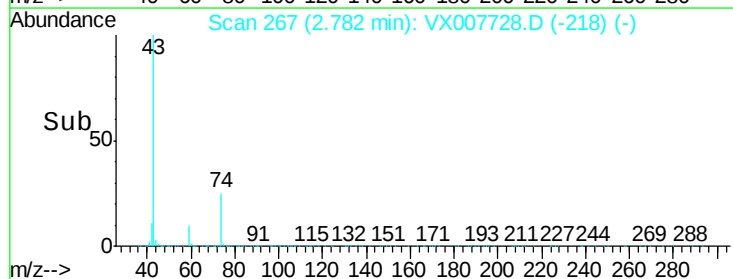
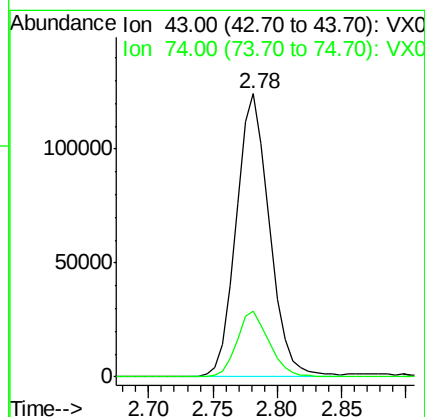
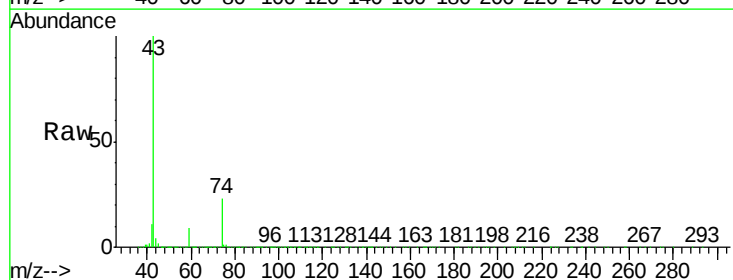
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

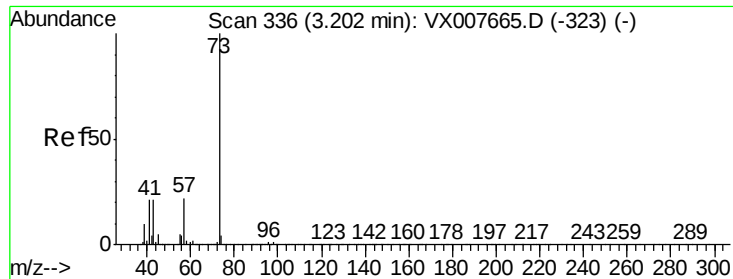
Tot Ion: 76 Resp: 390866
Ion Ratio Lower Upper
76 100
78 9.5 7.1 10.7



#18
Methyl Acetate
Concen: 54.712 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007728.D
Acq: 26 Feb 2019 21:46

Tgt Ion: 43 Resp: 220347
Ion Ratio Lower Upper
43 100
74 22.0 19.4 29.2

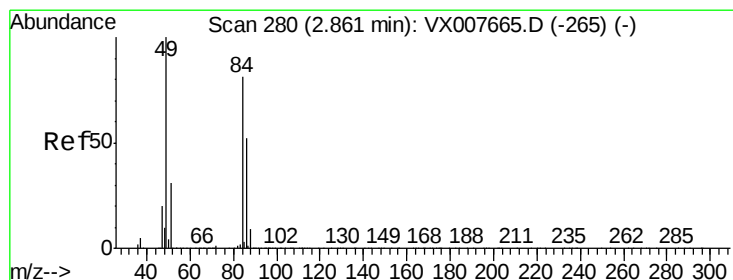
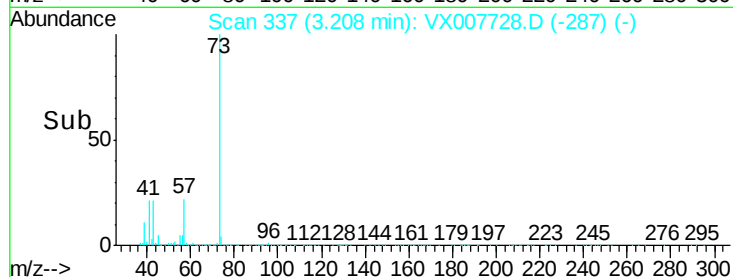
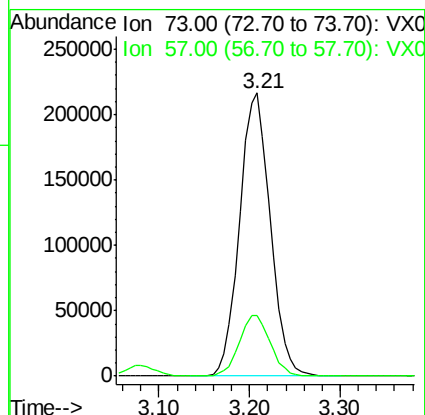
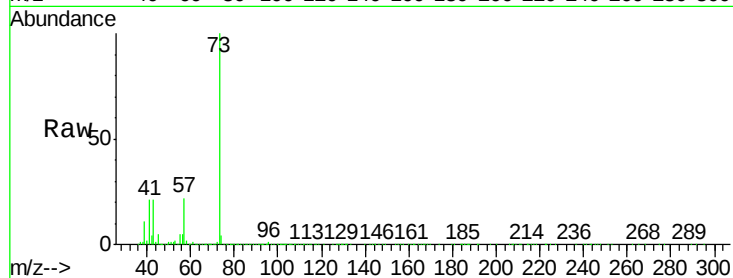




#19
Methvl tert-butvl Ether
Concen: 49.590 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX007728.D
Acq: 26 Feb 2019 21:46

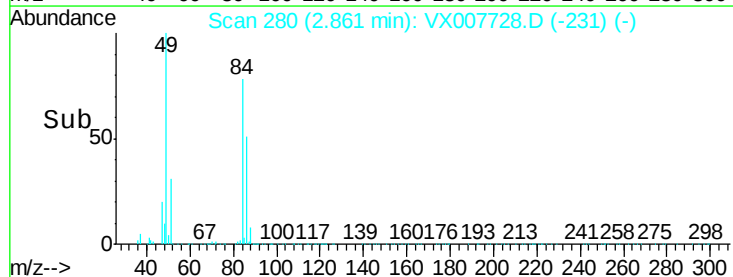
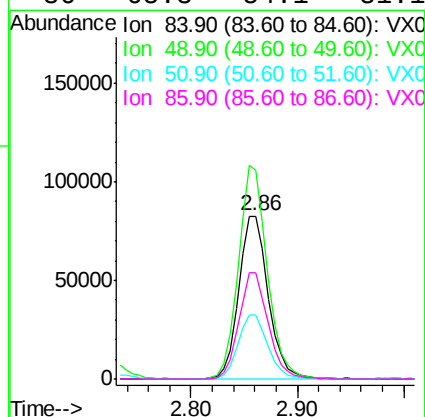
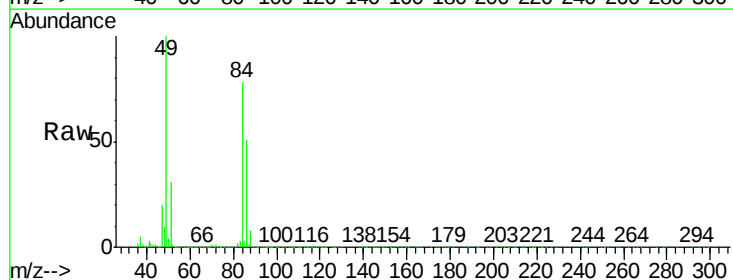
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 506125
Ion Ratio Lower Upper
73 100
57 21.6 17.8 26.8



#20
Methylene Chloride
Concen: 46.895 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX007728.D
Acq: 26 Feb 2019 21:46

Tgt Ion: 84 Resp: 159821
Ion Ratio Lower Upper
84 100
49 128.0 94.8 142.2
51 39.0 29.8 44.8
86 65.3 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 48.166 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

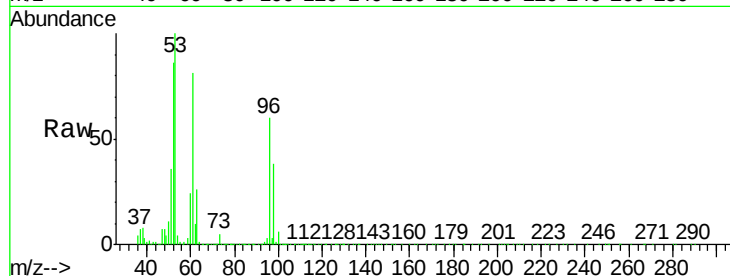
Tot Ion: 96 Resp: 153467

Ion Ratio Lower Upper

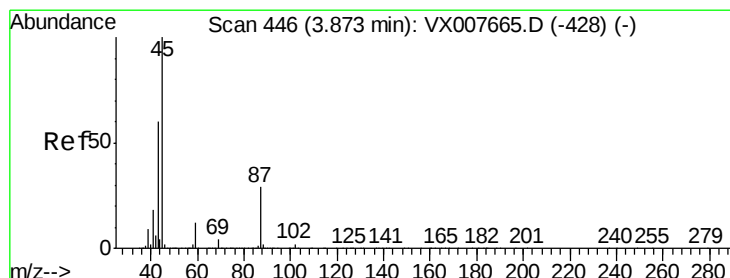
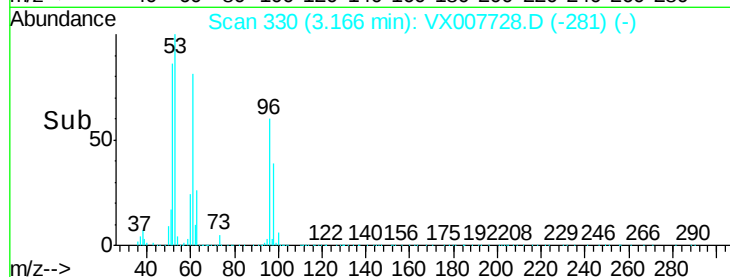
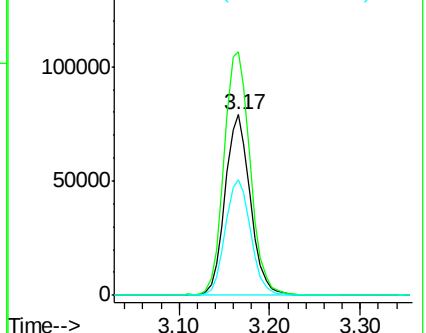
96 100

61 134.5 104.6 156.8

98 63.6 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: 49.169 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

Tgt Ion: 45 Resp: 554687

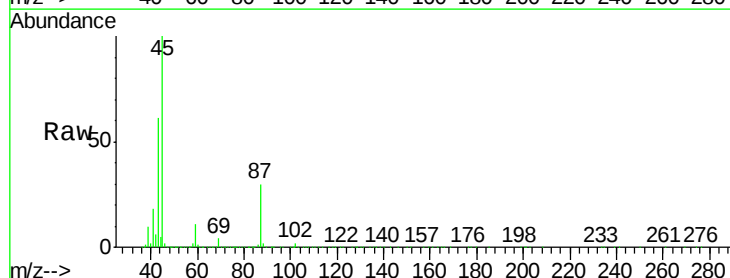
Ion Ratio Lower Upper

45 100

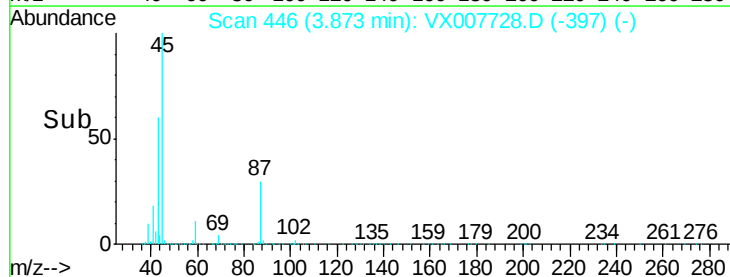
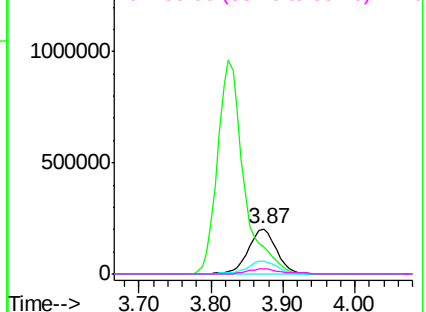
43 60.1 48.9 73.3

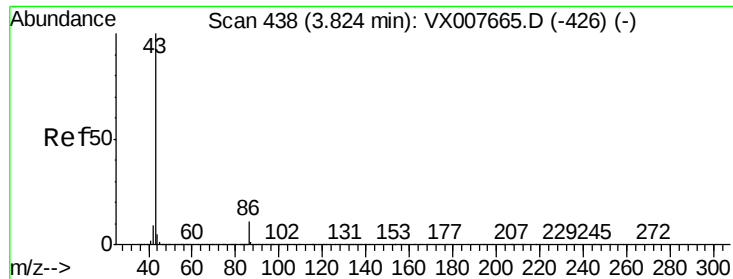
87 29.5 23.9 35.9

59 11.1 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: 246.787 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

Instrument :

MSVOA_X

ClientSampleId :

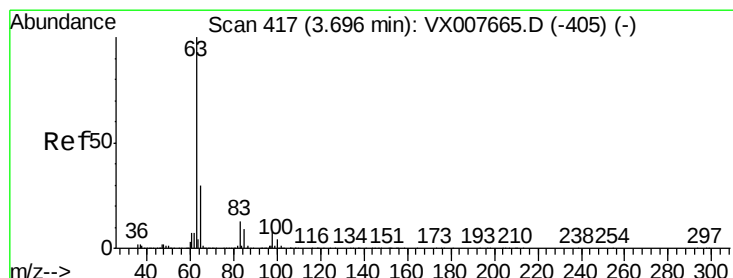
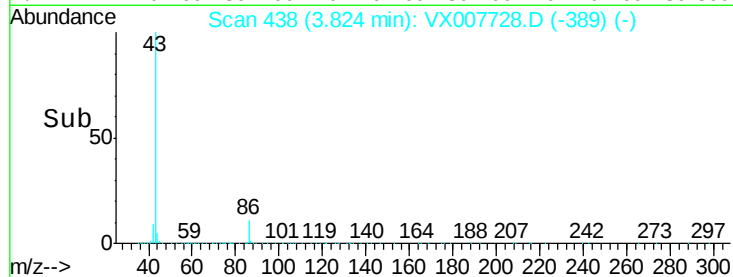
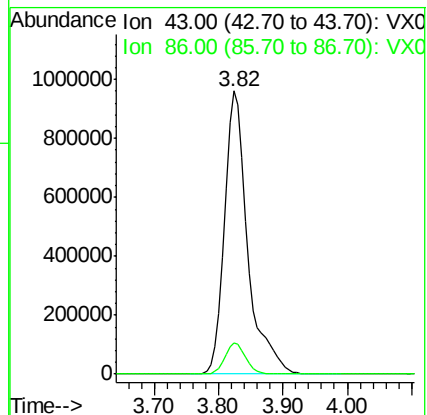
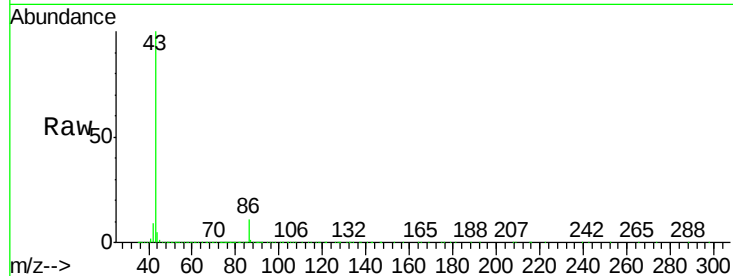
VSTDCCC050EC

Tot Ion: 43 Resp: 2442609

Ion Ratio Lower Upper

43 100

86 10.8 8.7 13.1



#24

1,1-Dichloroethane

Concen: 49.579 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

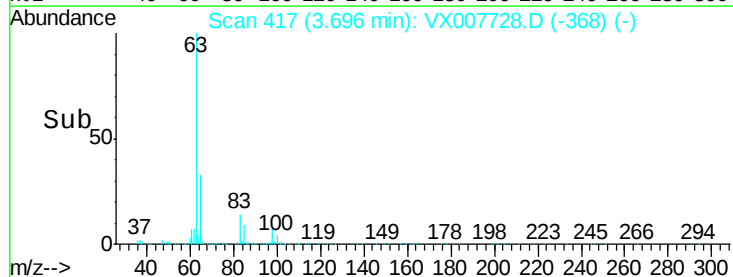
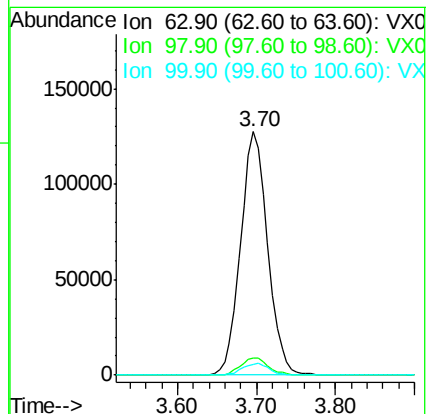
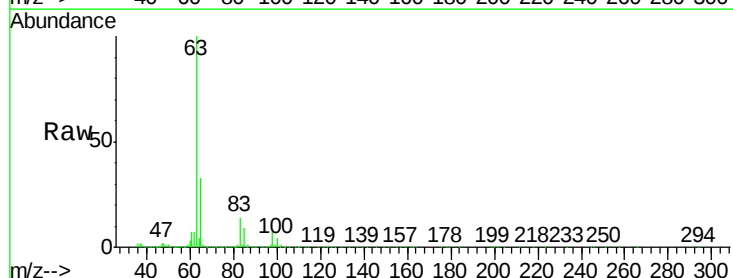
Tgt Ion: 63 Resp: 303973

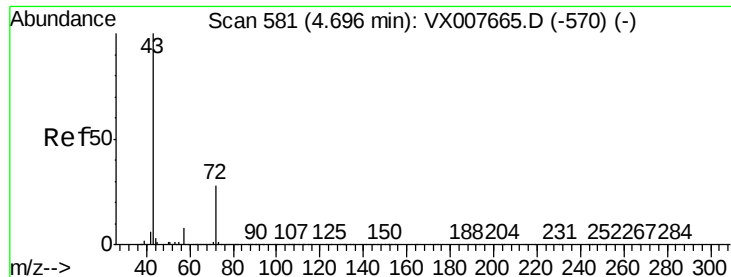
Ion Ratio Lower Upper

63 100

98 6.9 3.6 10.8

100 4.5 2.5 7.4





#25

2-Butanone

Concen: 240.594 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

Instrument :

MSVOA_X

ClientSampleId :

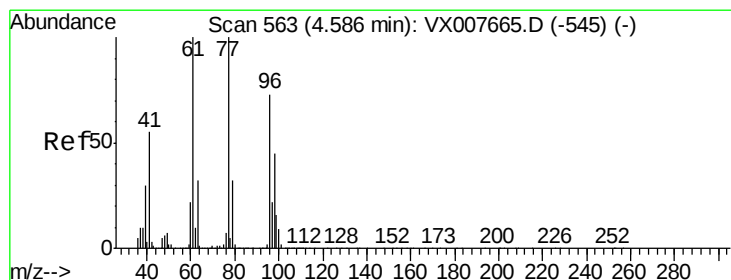
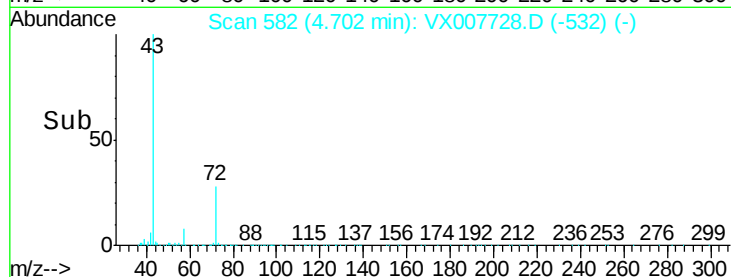
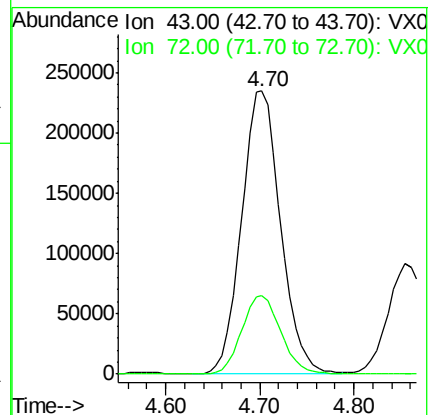
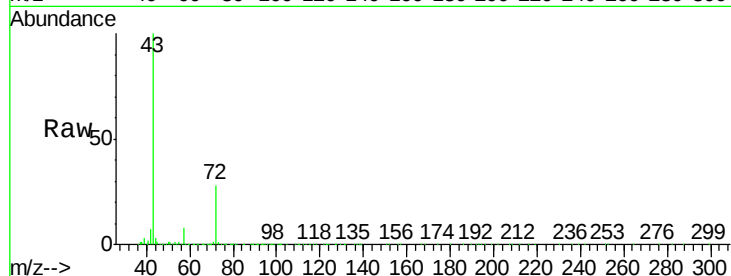
VSTDCCC050EC

Tot Ion: 43 Resp: 676411

Ion Ratio Lower Upper

43 100

72 27.6 22.2 33.2



#26

2,2-Dichloropropane

Concen: 40.657 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX007728.D

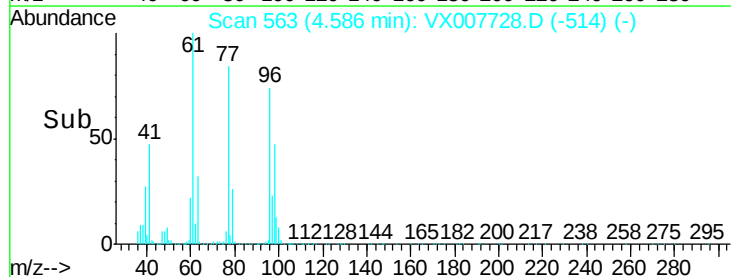
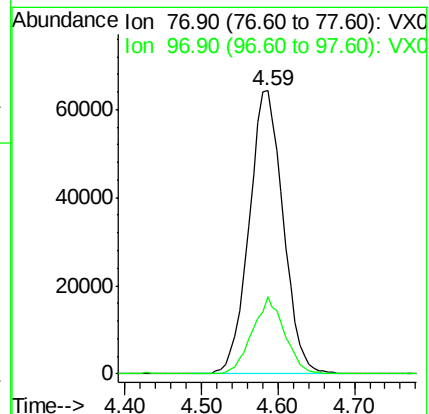
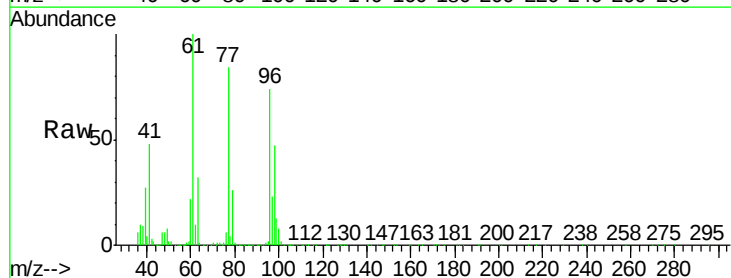
Acq: 26 Feb 2019 21:46

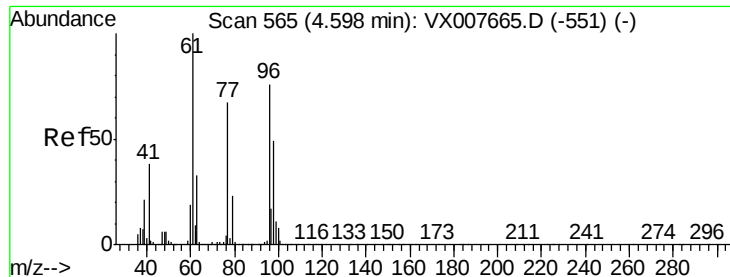
Tgt Ion: 77 Resp: 198977

Ion Ratio Lower Upper

77 100

97 25.8 12.1 36.3



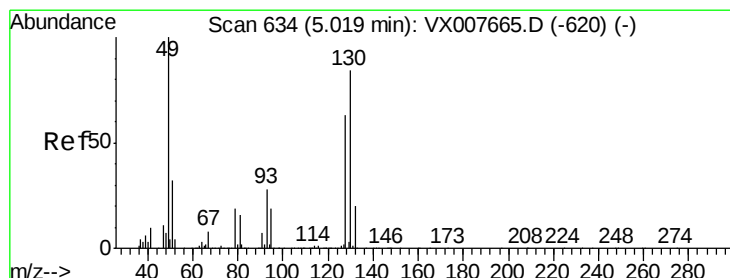
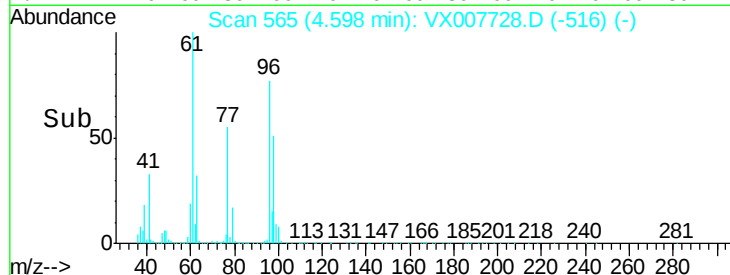
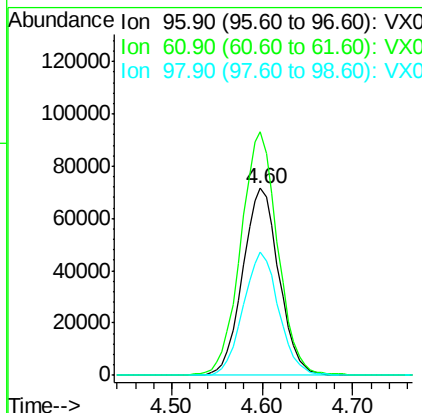
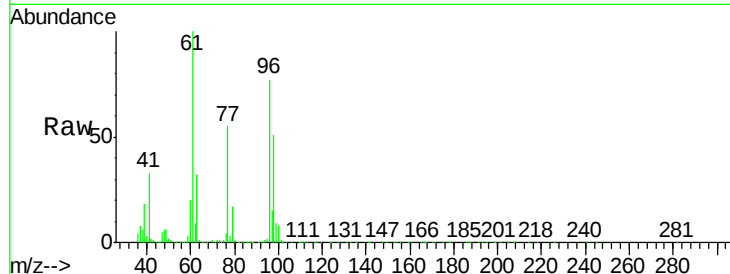


#27

cis-1,2-Dichloroethene
Concen: 48.745 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX007728.D
Acq: 26 Feb 2019 21:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

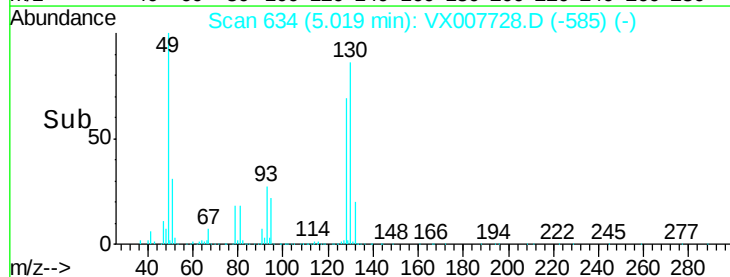
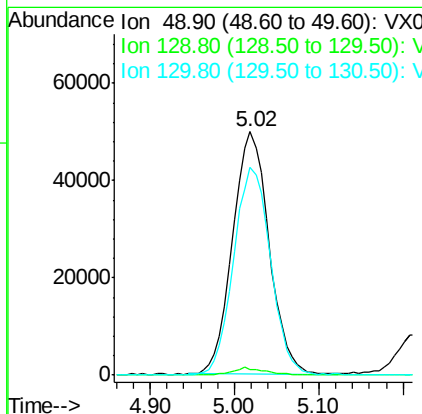
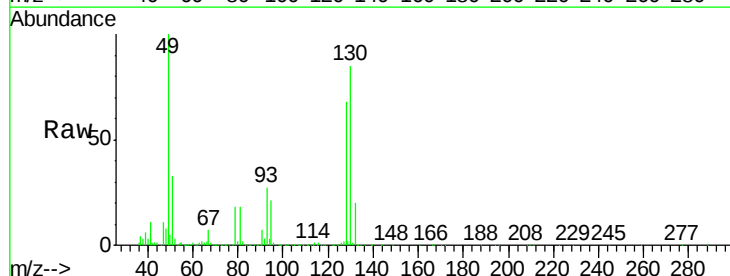
Tot Ion	Ratio	Lower	Upper
96	100		
61	133.2	0.0	265.6
98	64.6	0.0	131.6

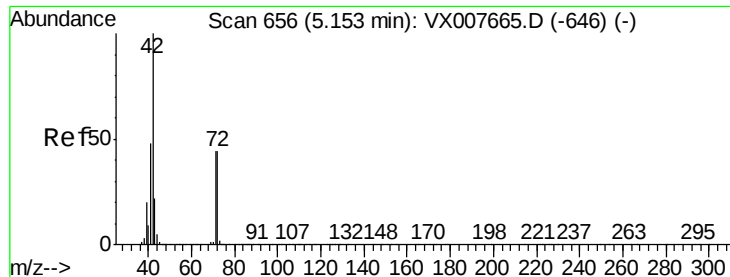


#28

Bromochloromethane
Concen: 49.004 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX007728.D
Acq: 26 Feb 2019 21:46

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	5.6
130	87.0	75.6	113.4





#29

Tetrahydrofuran

Concen: 246.143 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

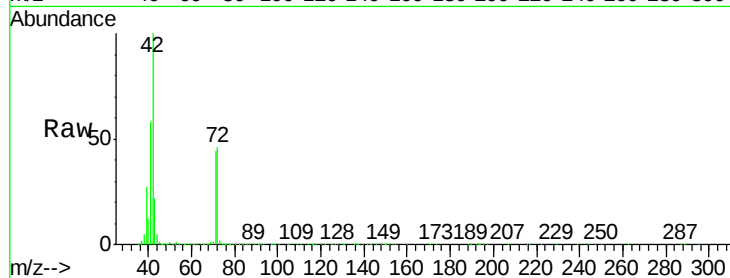
Tot Ion: 42 Resp: 456156

Ion Ratio Lower Upper

42 100

72 45.9 37.6 56.4

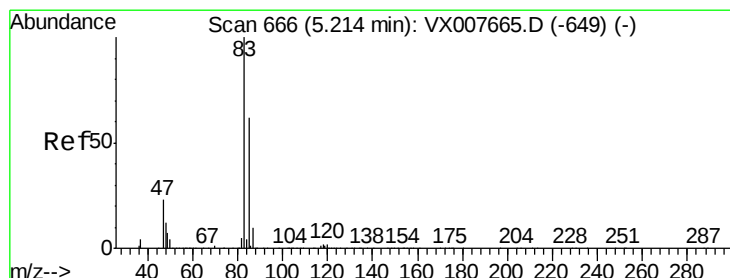
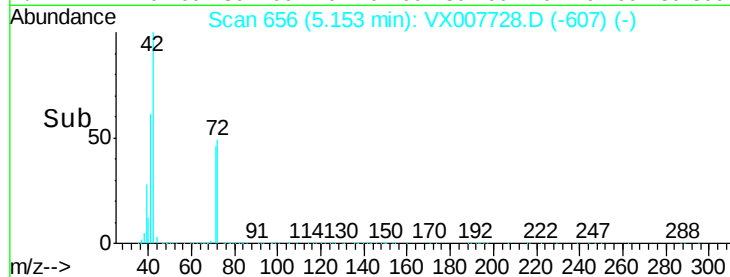
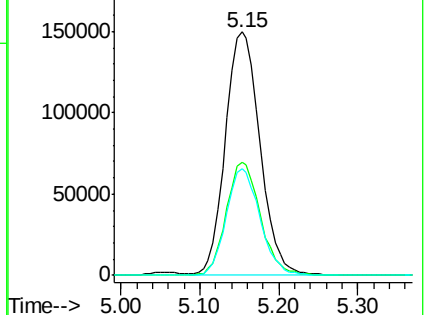
71 42.7 34.6 51.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 48.833 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX007728.D

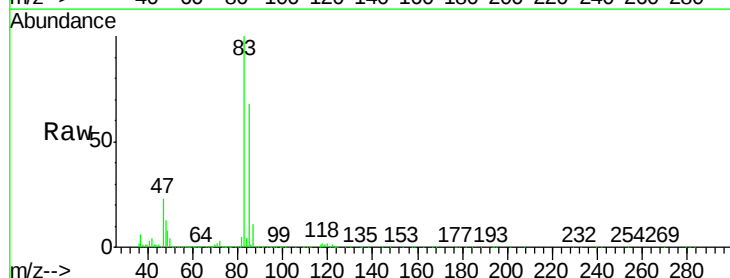
Acq: 26 Feb 2019 21:46

Tgt Ion: 83 Resp: 320707

Ion Ratio Lower Upper

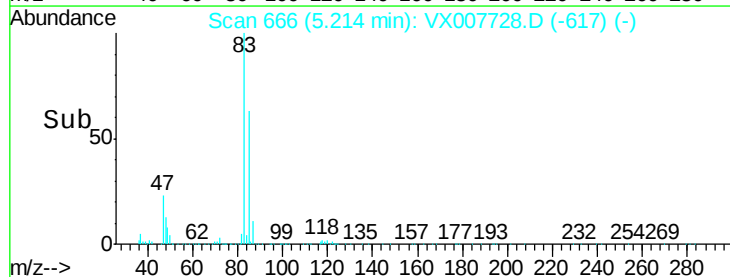
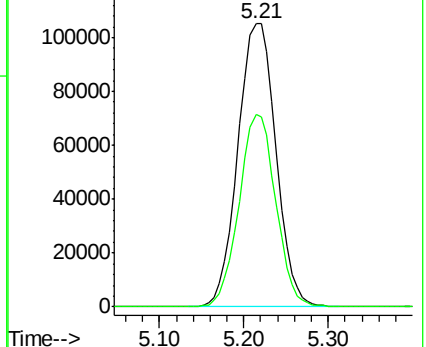
83 100

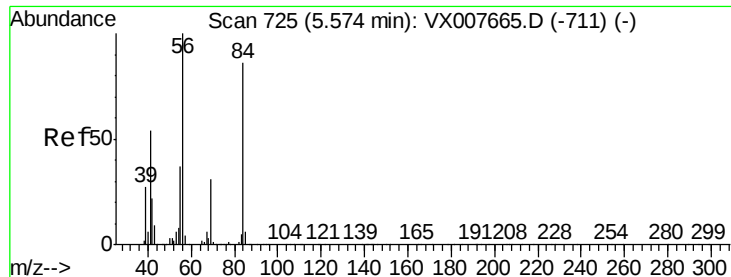
85 67.8 51.6 77.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

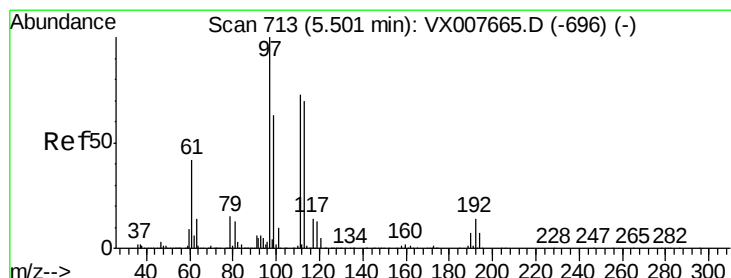
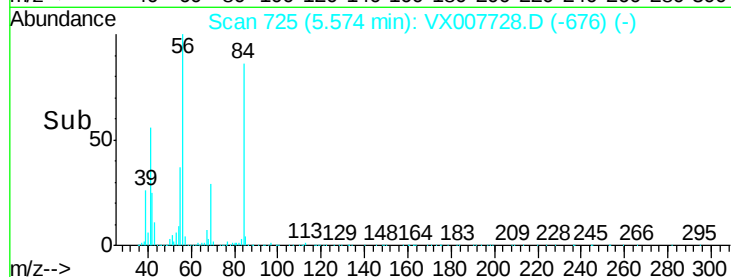
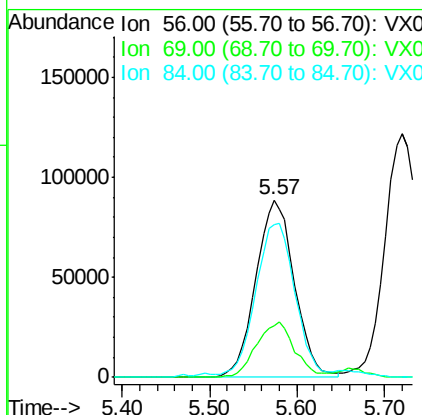
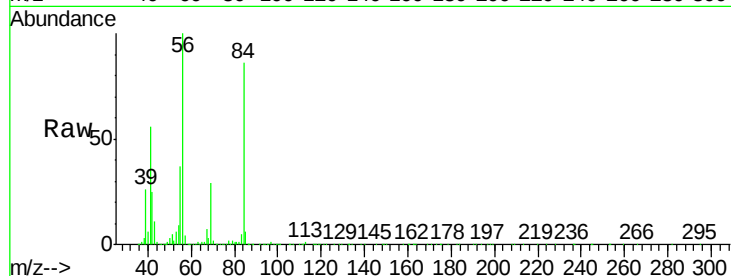




#31
Cyclohexane
Concen: 47.105 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX007728.D
Acq: 26 Feb 2019 21:46

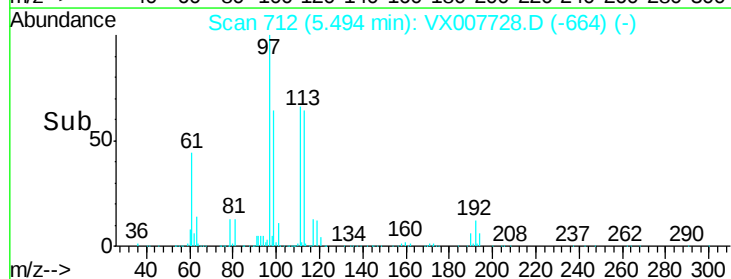
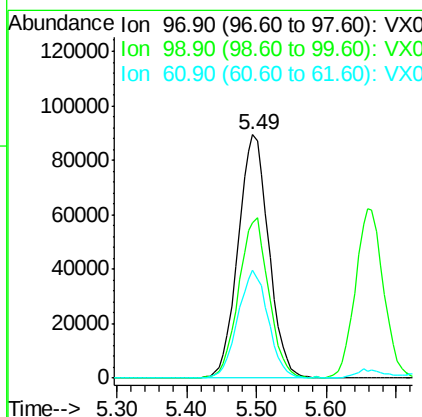
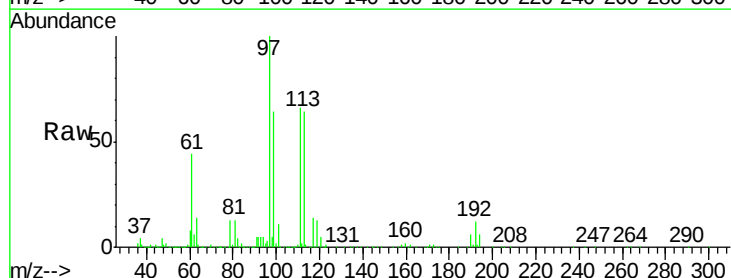
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

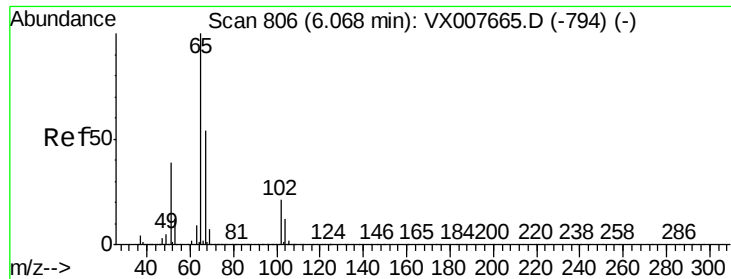
Tot Ion: 56 Resp: 271662
Ion Ratio Lower Upper
56 100
69 28.9 23.0 34.6
84 85.2 69.8 104.6



#32
1,1,1-Trichloroethane
Concen: 50.035 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX007728.D
Acq: 26 Feb 2019 21:46

Tgt Ion: 97 Resp: 271760
Ion Ratio Lower Upper
97 100
99 64.7 52.2 78.2
61 43.5 32.7 49.1

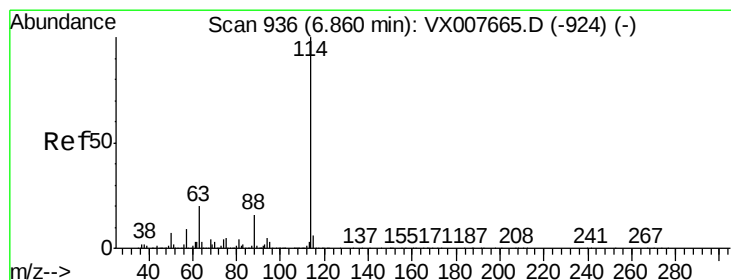
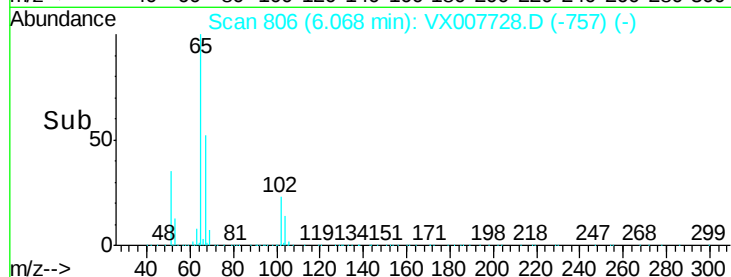
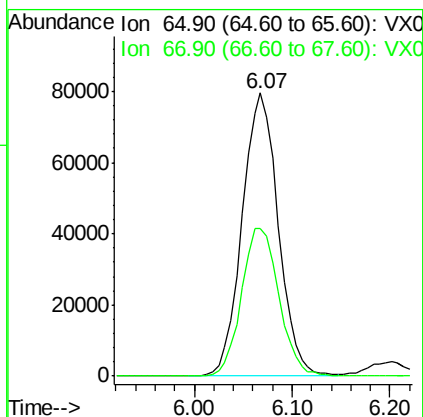
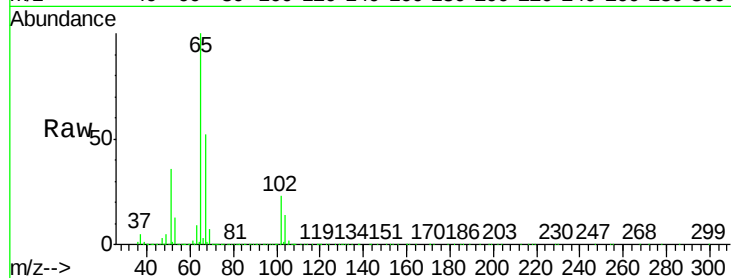




#33
 1,2-Dichloroethane-d4
 Concen: 49.060 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007728.D
 Acq: 26 Feb 2019 21:46

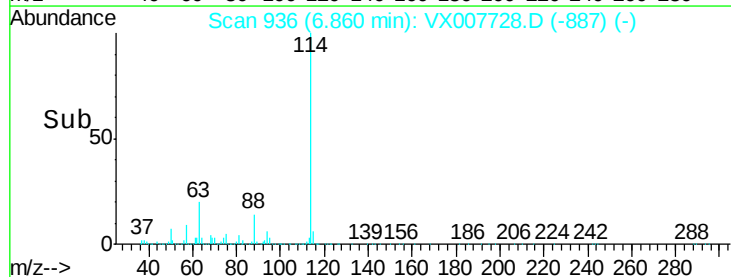
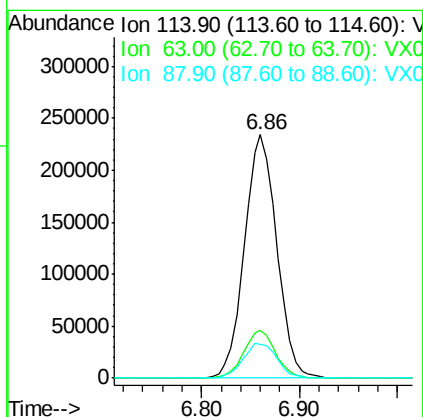
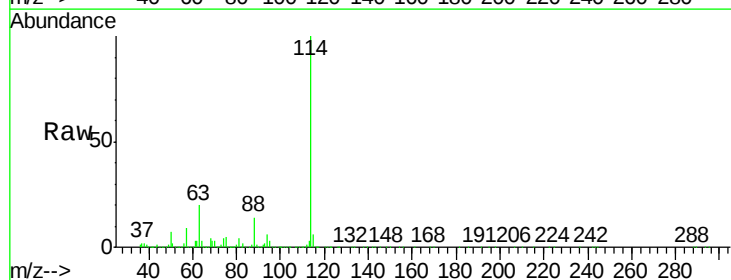
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

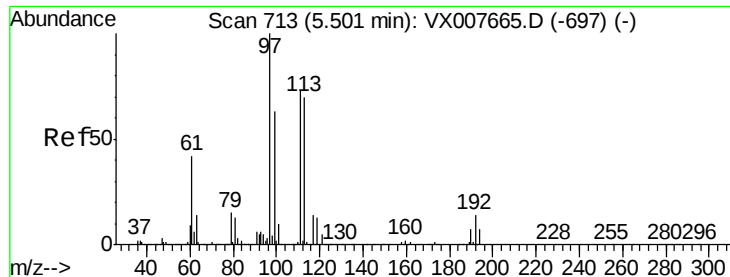
Tot Ion: 65 Resp: 203616
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007728.D
 Acq: 26 Feb 2019 21:46

Tgt Ion: 114 Resp: 536769
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 35.6
 88 13.8 0.0 29.6





#35

Dibromofluoromethane

Concen: 50.575 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

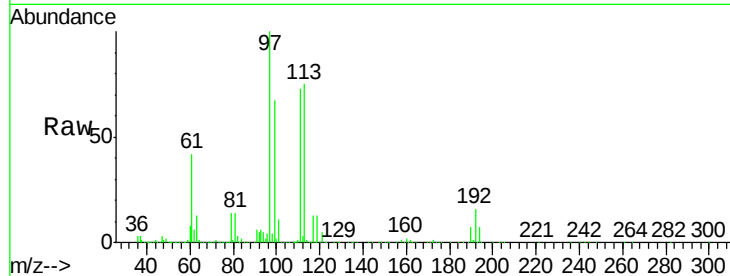
Tot Ion:113 Resp: 181470

Ion Ratio Lower Upper

113 100

111 102.7 81.8 122.8

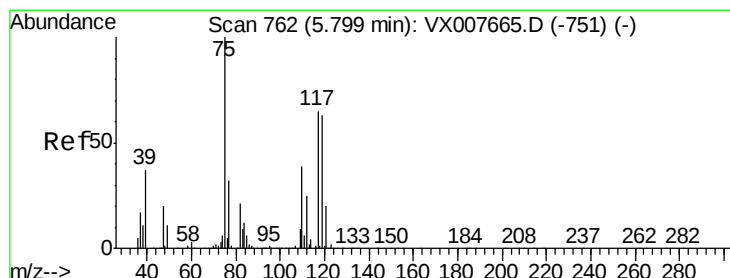
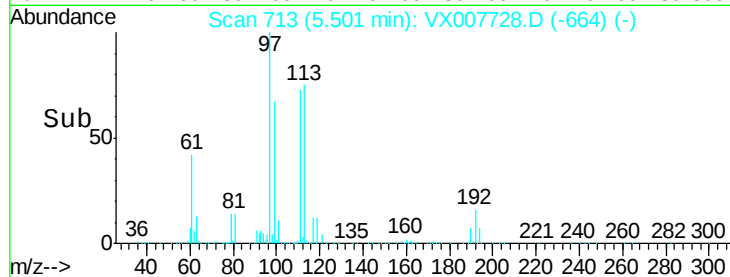
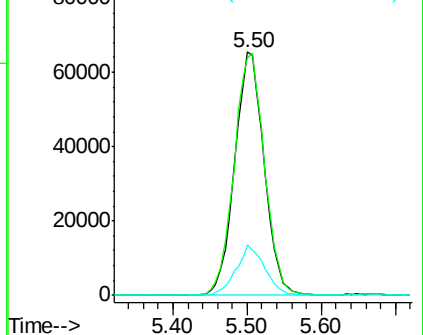
192 20.0 18.5 27.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.377 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

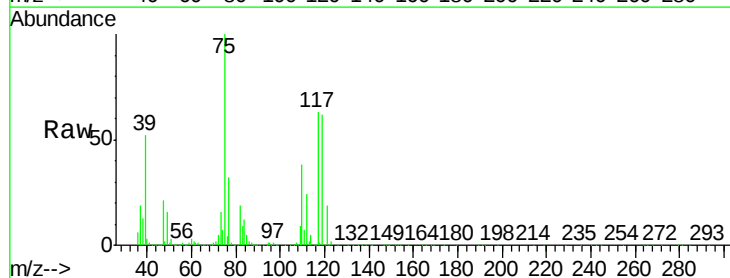
Tgt Ion: 75 Resp: 233454

Ion Ratio Lower Upper

75 100

110 38.1 20.0 59.9

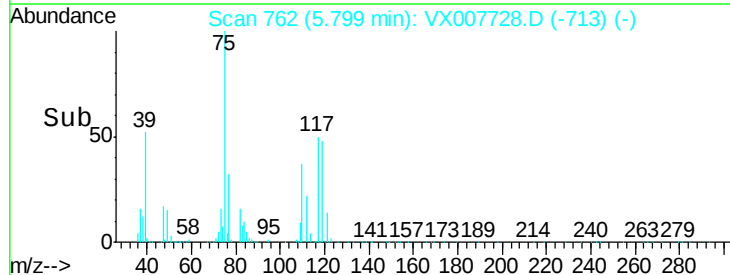
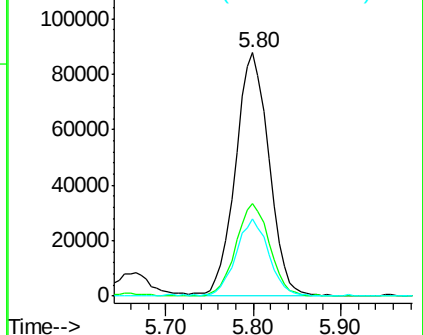
77 30.7 24.7 37.1

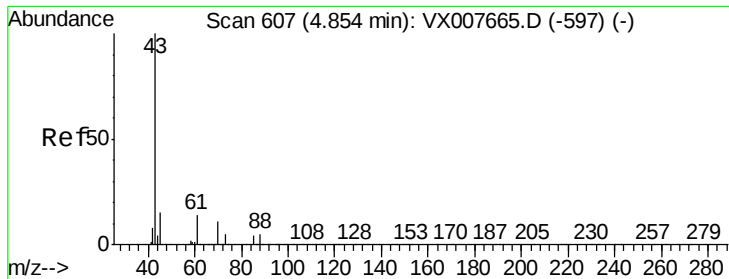


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

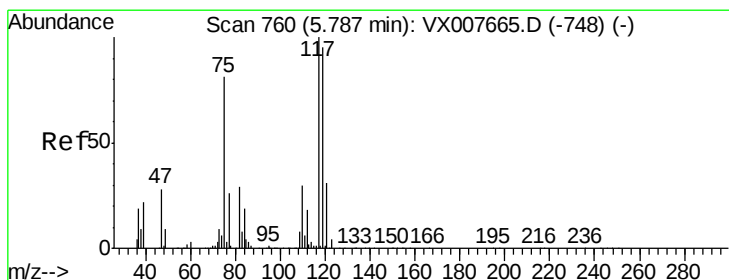
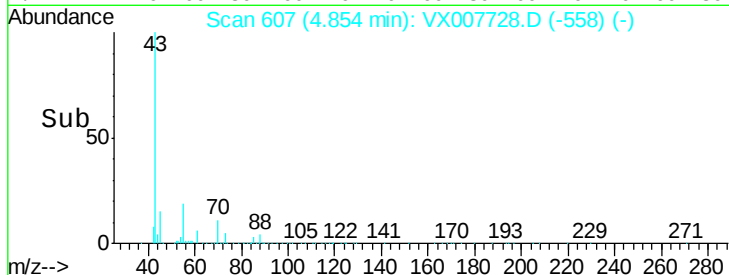
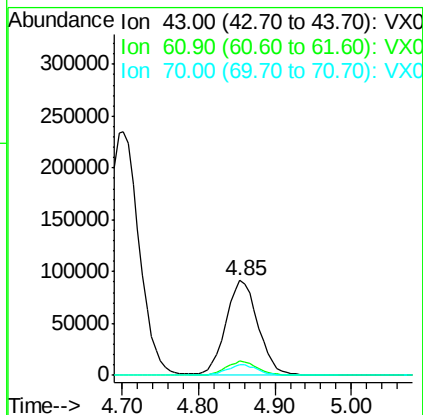
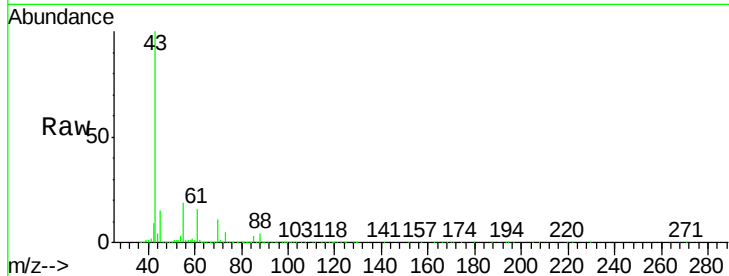




#37
Ethyl Acetate
Concen: 49.532 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX007728.D
Acq: 26 Feb 2019 21:46

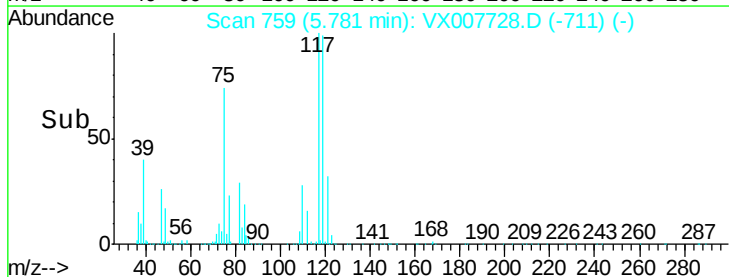
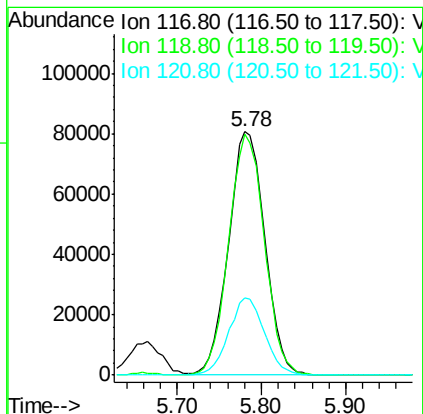
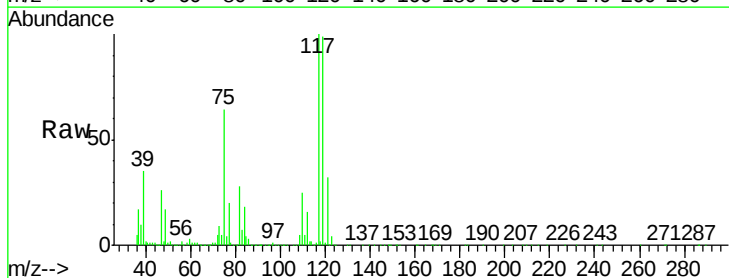
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

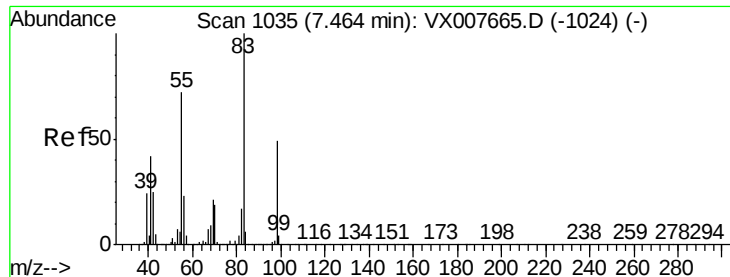
Tot Ion: 43 Resp: 265520
Ion Ratio Lower Upper
43 100
61 14.1 11.3 16.9
70 10.8 8.6 13.0



#38
Carbon Tetrachloride
Concen: 48.509 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX007728.D
Acq: 26 Feb 2019 21:46

Tgt Ion: 117 Resp: 235147
Ion Ratio Lower Upper
117 100
119 98.9 75.3 112.9
121 31.8 25.0 37.4

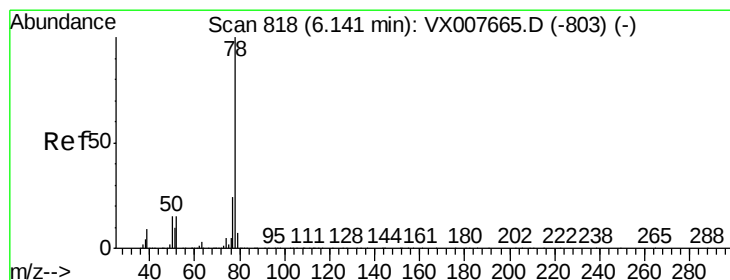
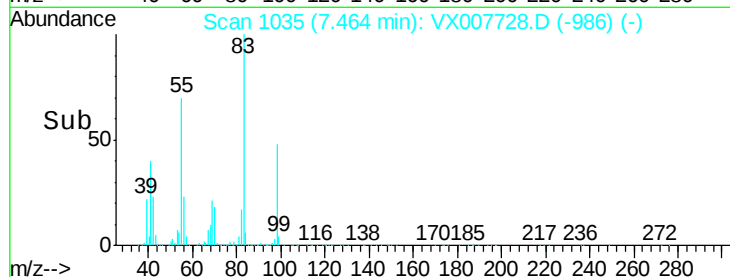
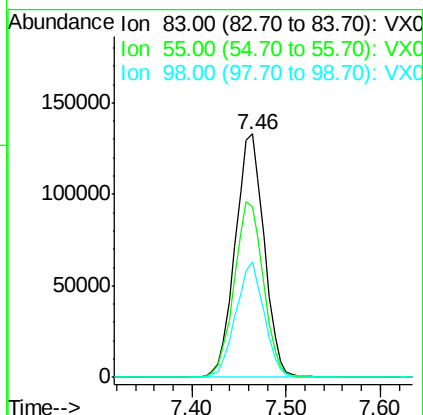
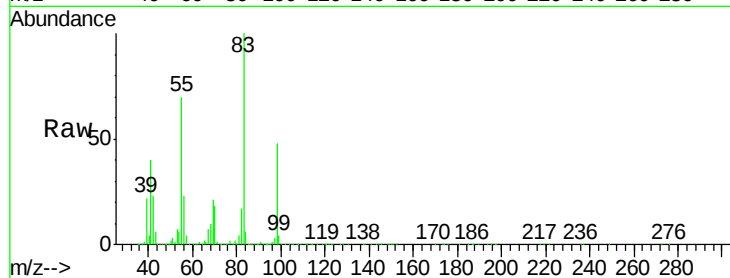




#39
Methvlcvclohexane
Concen: 46.628 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007728.D
Acq: 26 Feb 2019 21:46

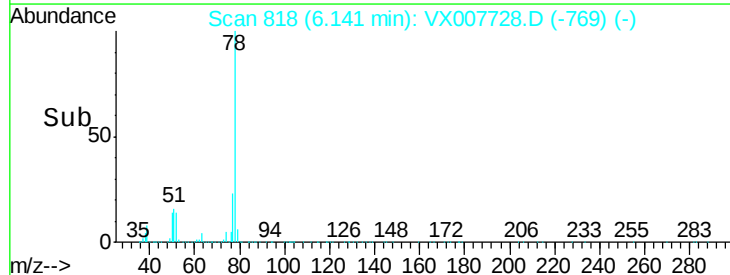
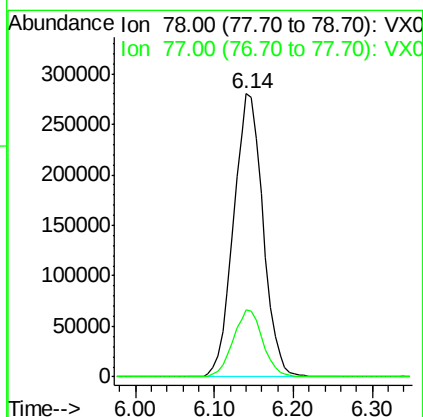
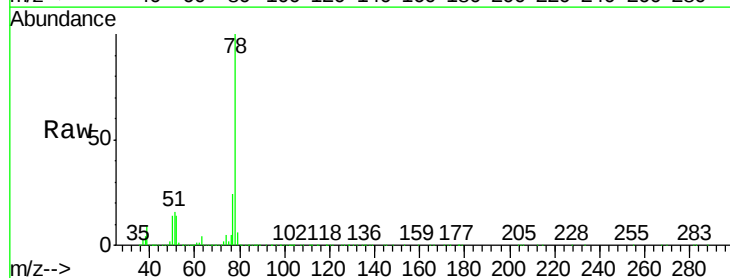
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

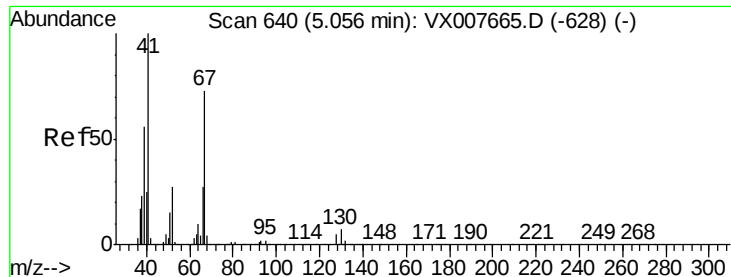
Tot Ion: 83 Resp: 284384
Ion Ratio Lower Upper
83 100
55 70.2 56.2 84.2
98 47.6 36.8 55.2



#40
Benzene
Concen: 48.753 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007728.D
Acq: 26 Feb 2019 21:46

Tgt Ion: 78 Resp: 726255
Ion Ratio Lower Upper
78 100
77 23.8 19.3 28.9





#41

Methacrylonitrile

Concen: 50.872 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.00 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 145621

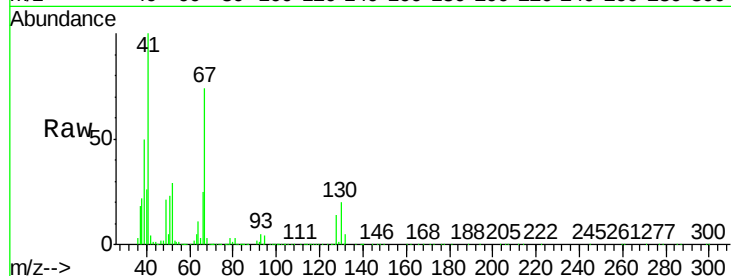
Ion Ratio Lower Upper

41 100

39 53.3 44.5 66.7

67 75.3 60.4 90.6

52 29.1 24.1 36.1

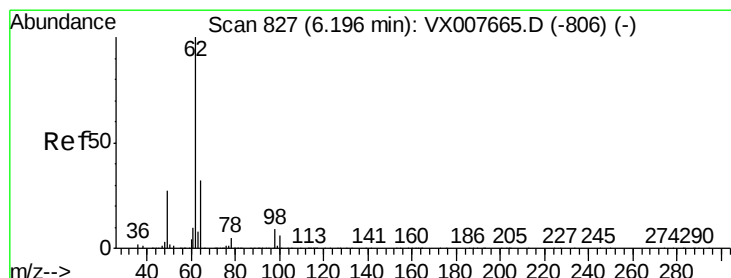
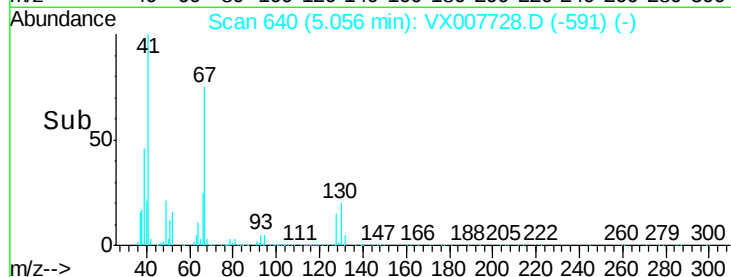
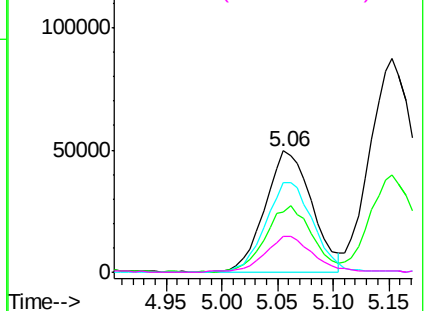


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 48.810 ug/l

RT: 6.20 min Scan# 828

Delta R.T. 0.01 min

Lab File: VX007728.D

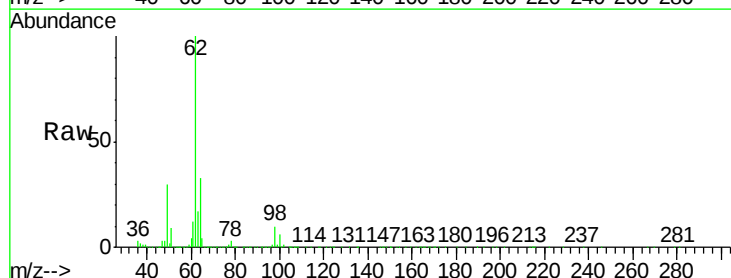
Acq: 26 Feb 2019 21:46

Tgt Ion: 62 Resp: 244390

Ion Ratio Lower Upper

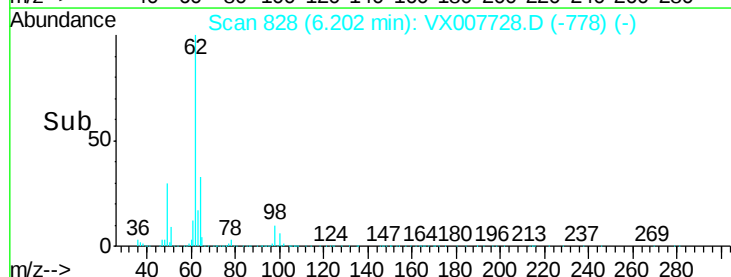
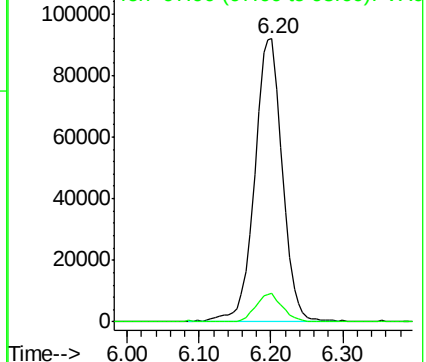
62 100

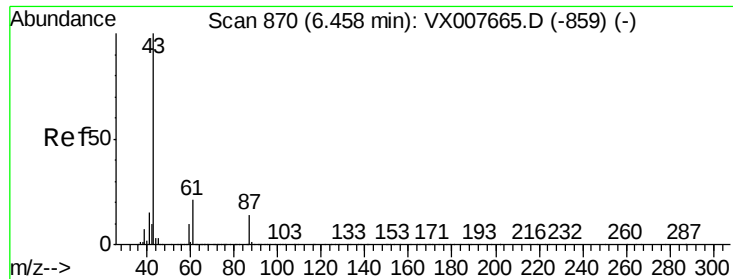
98 9.7 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



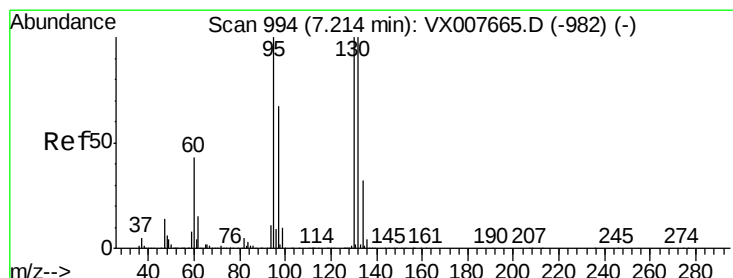
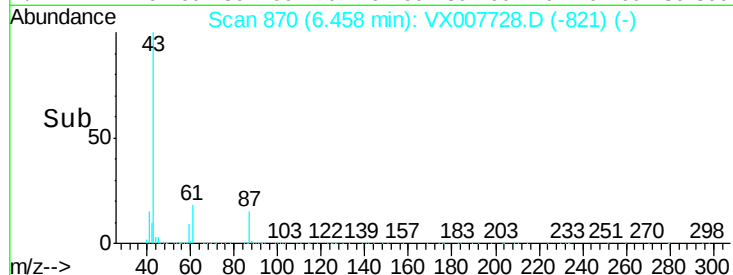
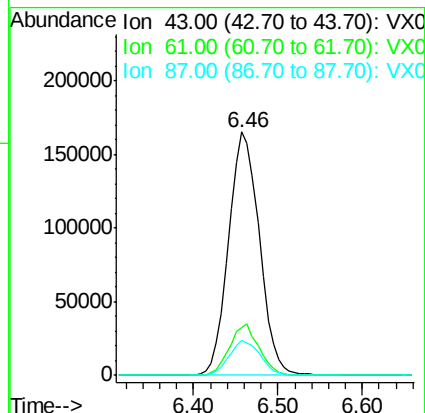
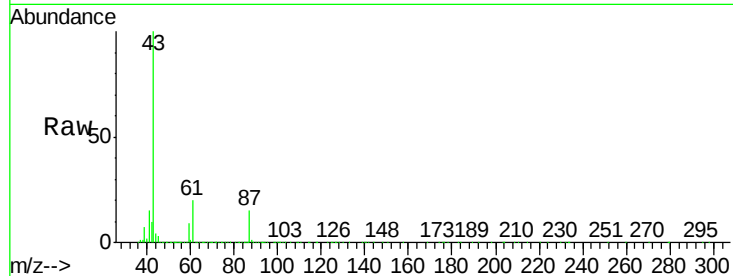


#43

Isopropyl Acetate
 Concen: 49.607 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: VX007728.D
 Acq: 26 Feb 2019 21:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

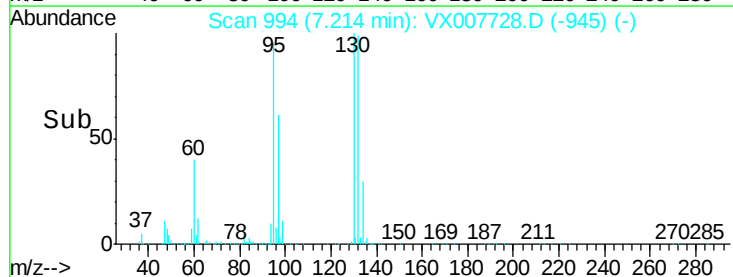
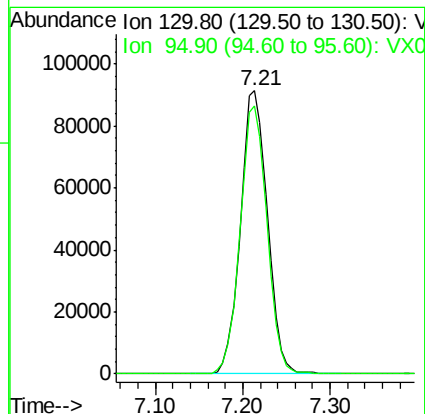
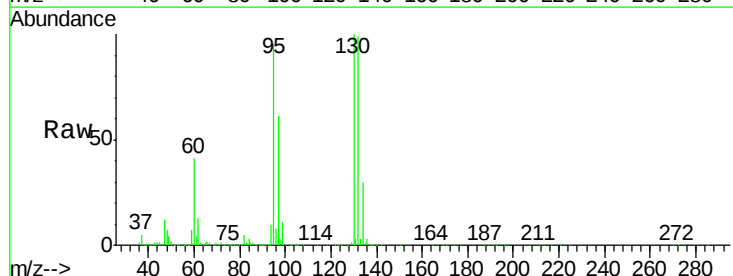
Tot Ion	Ratio	Lower	Upper
43	100		
61	20.4	16.1	24.1
87	14.3	11.5	17.3

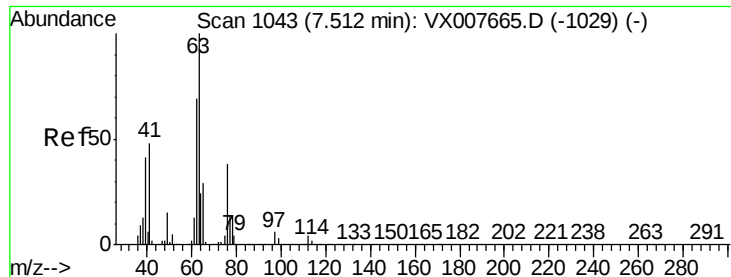


#44

Trichloroethene
 Concen: 47.764 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX007728.D
 Acq: 26 Feb 2019 21:46

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.8	0.0	180.0





#45

1,2-Dichloropropane

Concen: 48.038 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

Instrument :

MSVOA_X

ClientSampleId :

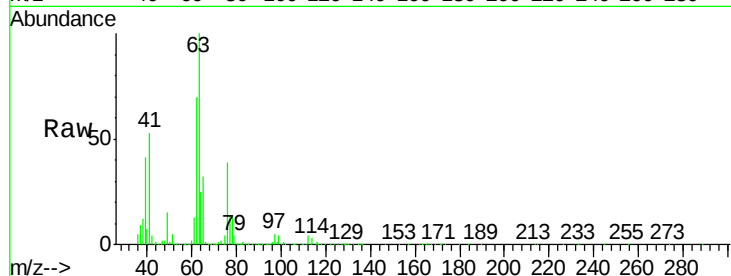
VSTDCCC050EC

Tot Ion: 63 Resp: 185370

Ion Ratio Lower Upper

63 100

65 32.2 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

100000

80000

60000

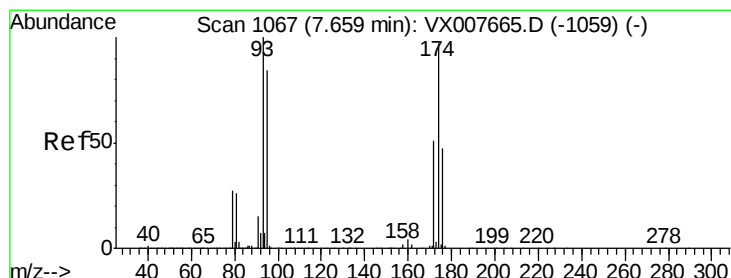
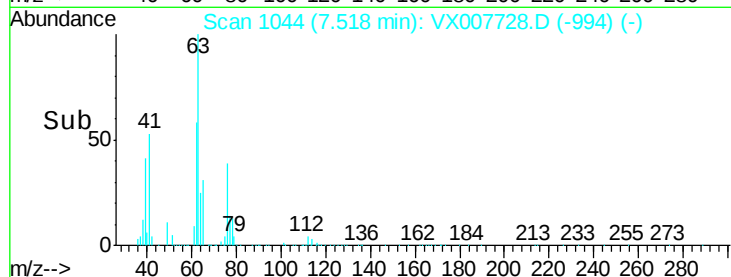
40000

20000

0

Time-->

7.40 7.50 7.60



#46

Dibromomethane

Concen: 47.677 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

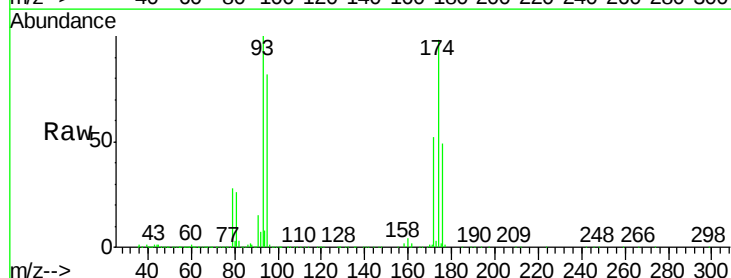
Tgt Ion: 93 Resp: 128352

Ion Ratio Lower Upper

93 100

95 83.1 67.6 101.4

174 102.8 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

80000

60000

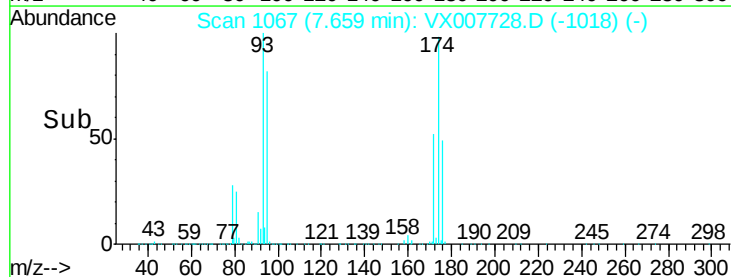
40000

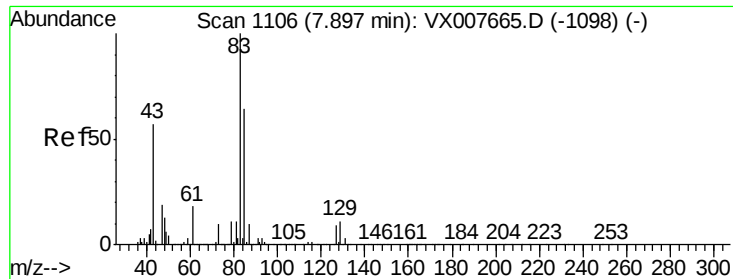
20000

0

Time-->

7.55 7.60 7.65 7.70 7.75





#47

Bromodichloromethane

Concen: 50.305 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

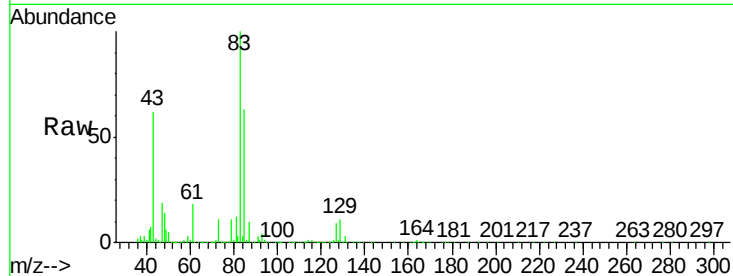
Tot Ion: 83 Resp: 234688

Ion Ratio Lower Upper

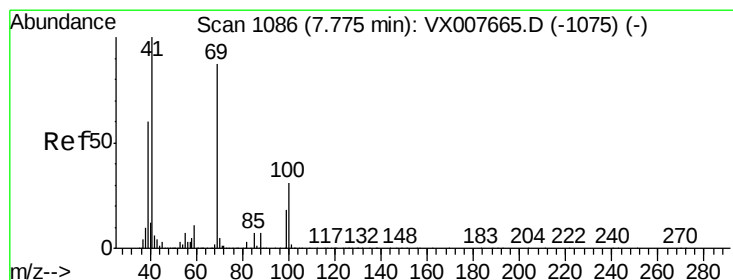
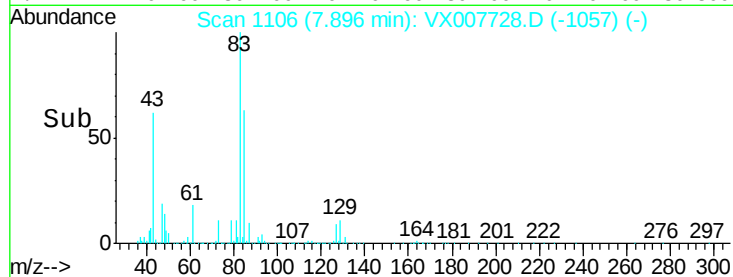
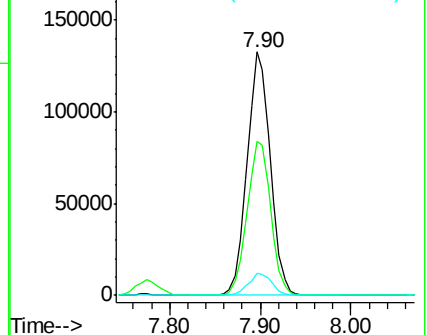
83 100

85 63.4 51.4 77.0

127 8.9 8.1 12.1



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 48.865 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

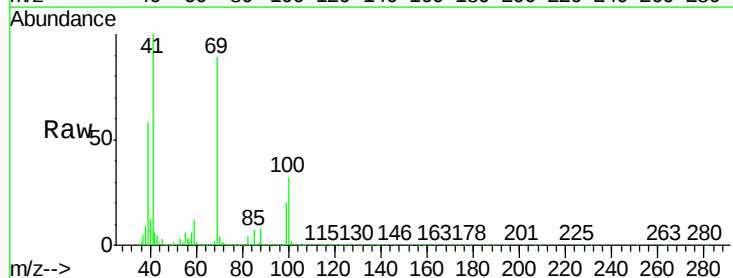
Tgt Ion: 41 Resp: 211325

Ion Ratio Lower Upper

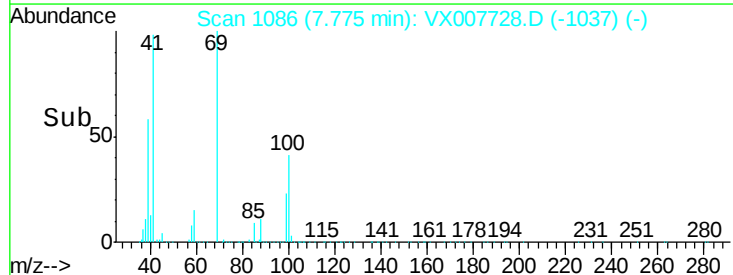
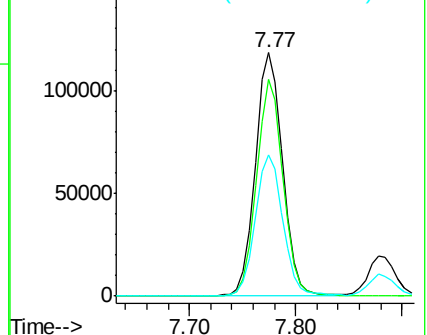
41 100

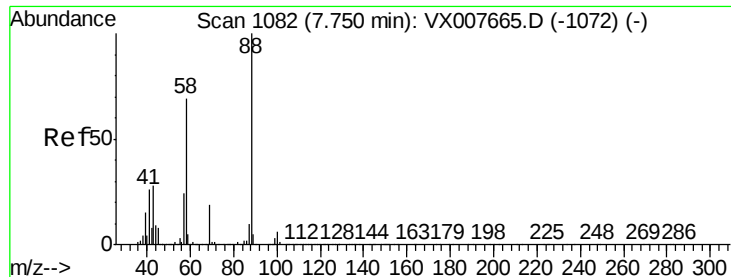
69 87.6 70.2 105.4

39 59.1 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: 968.403 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.00 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

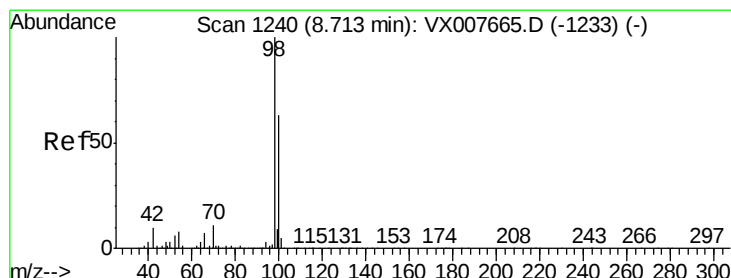
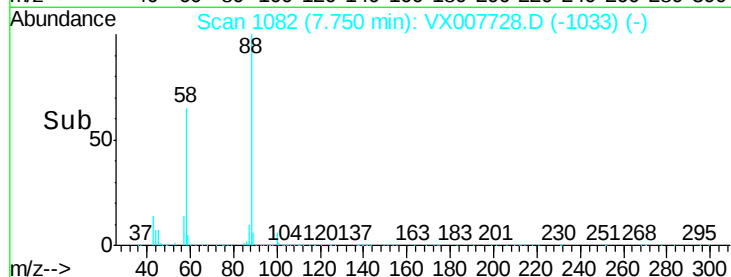
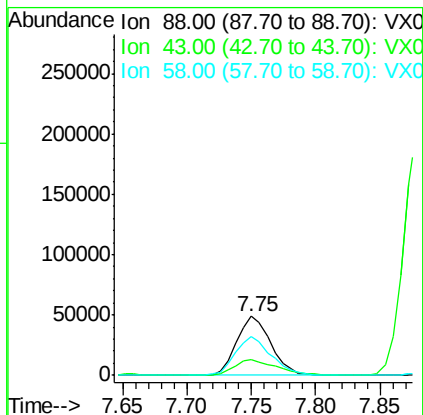
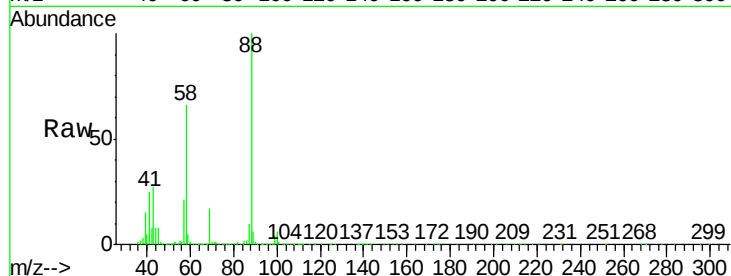
Tot Ion: 88 Resp: 90454

Ion Ratio Lower Upper

88 100

43 31.2 24.2 36.4

58 68.1 53.0 79.4



#50

Toluene-d8

Concen: 49.098 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007728.D

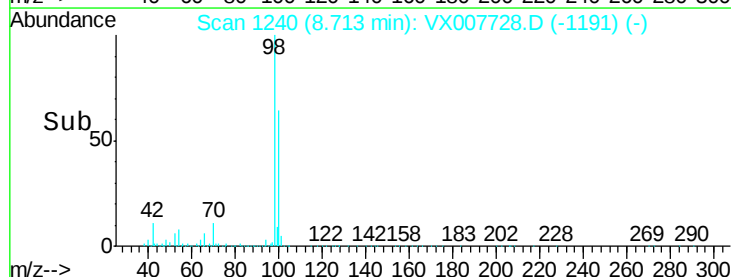
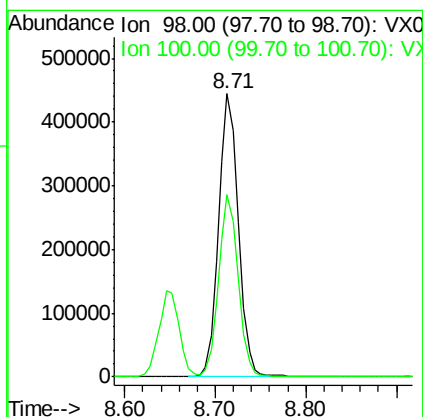
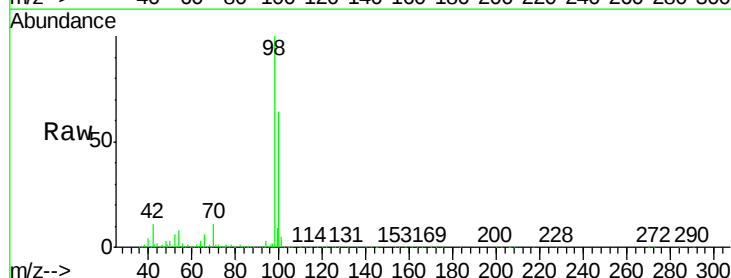
Acq: 26 Feb 2019 21:46

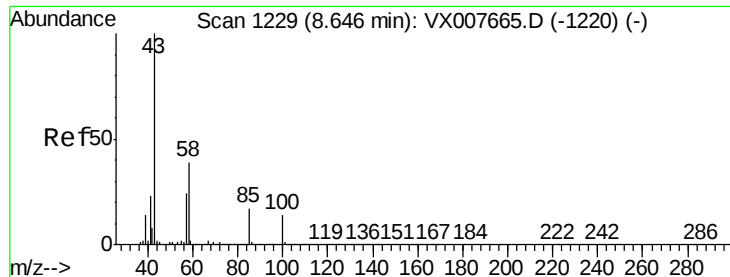
Tgt Ion: 98 Resp: 674451

Ion Ratio Lower Upper

98 100

100 63.8 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 247.342 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

Instrument :

MSVOA_X

ClientSampleId :

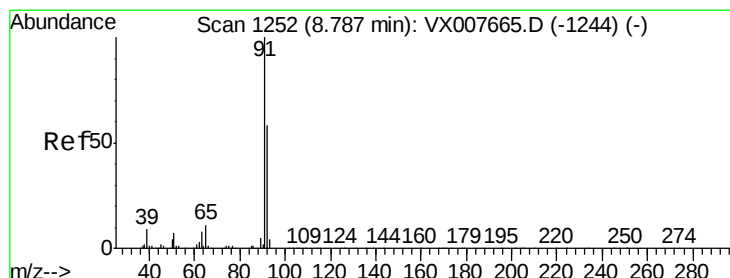
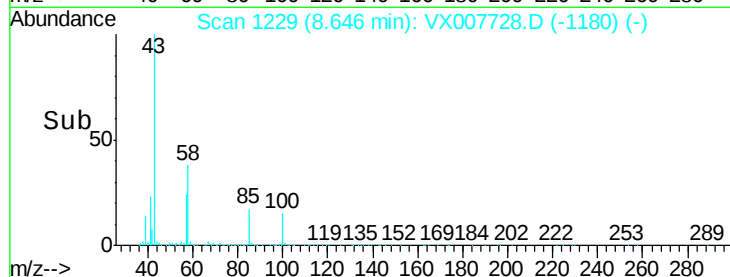
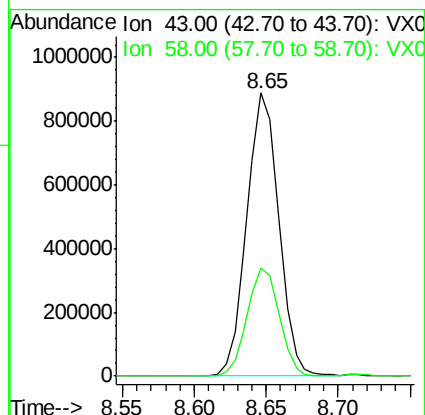
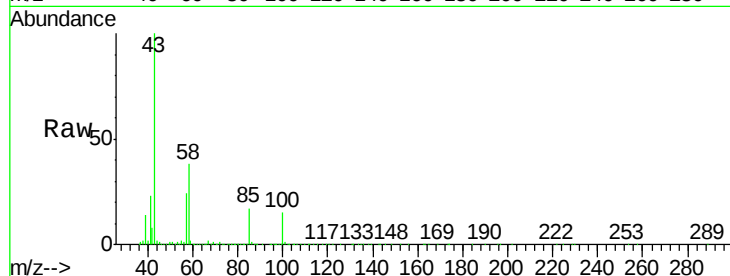
VSTDCCC050EC

Tot Ion: 43 Resp: 1365962

Ion Ratio Lower Upper

43 100

58 38.6 31.2 46.8



#52

Toluene

Concen: 48.470 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX007728.D

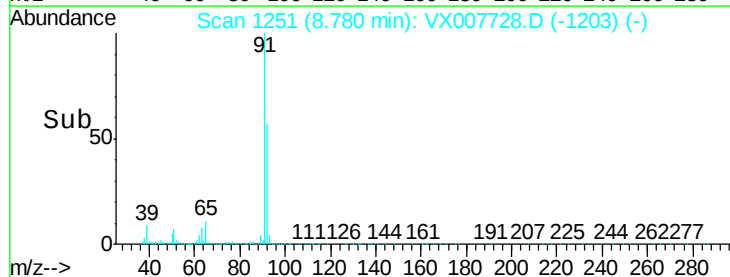
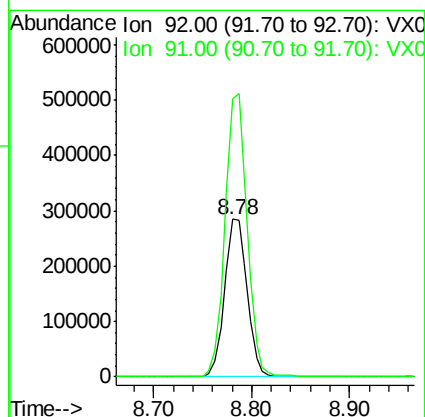
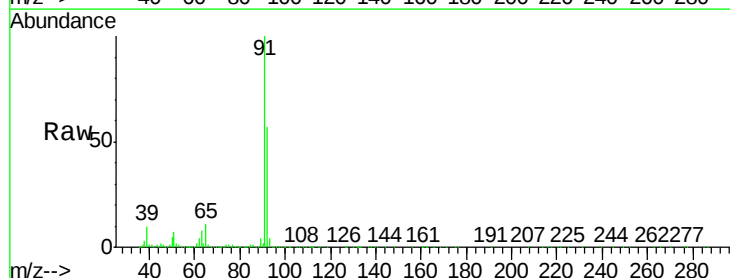
Acq: 26 Feb 2019 21:46

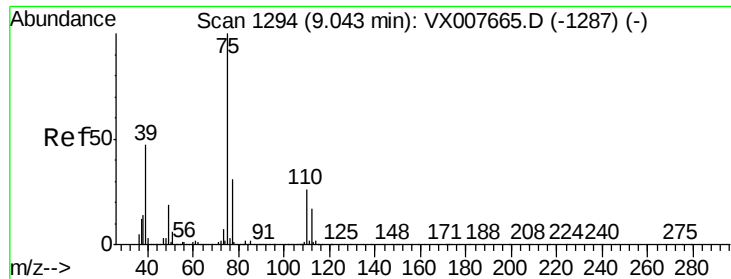
Tgt Ion: 92 Resp: 455316

Ion Ratio Lower Upper

92 100

91 176.3 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 44.688 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

Instrument :

MSVOA_X

ClientSampleId :

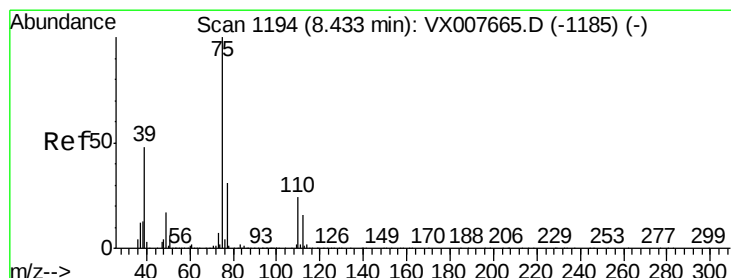
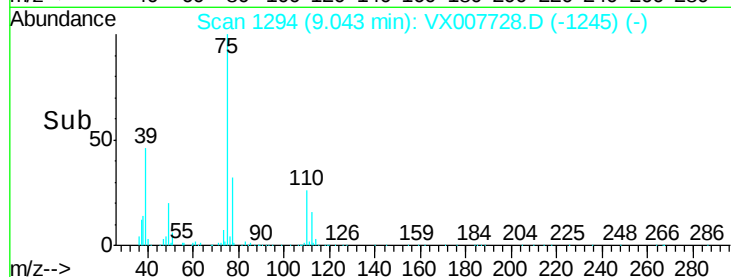
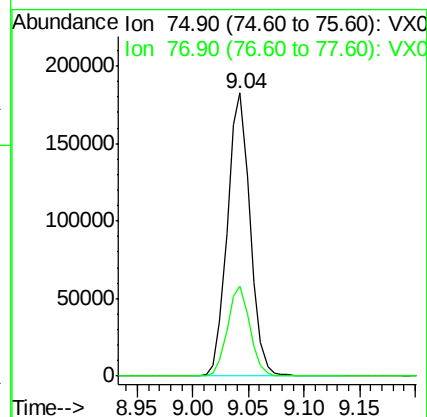
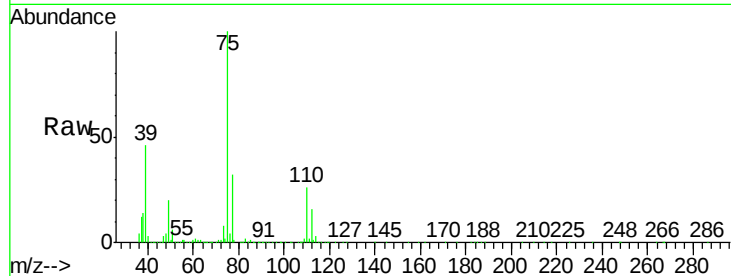
VSTDCCC050EC

Tot Ion: 75 Resp: 257358

Ion Ratio Lower Upper

75 100

77 31.8 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 49.510 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

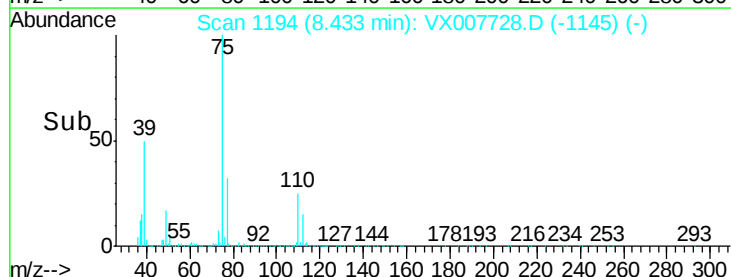
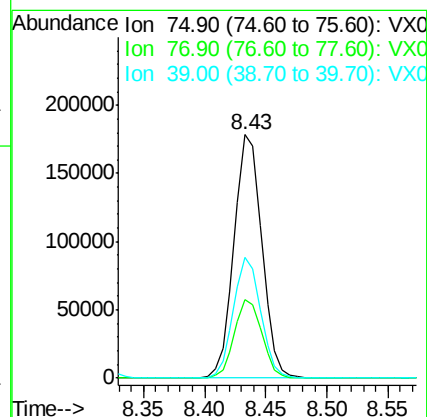
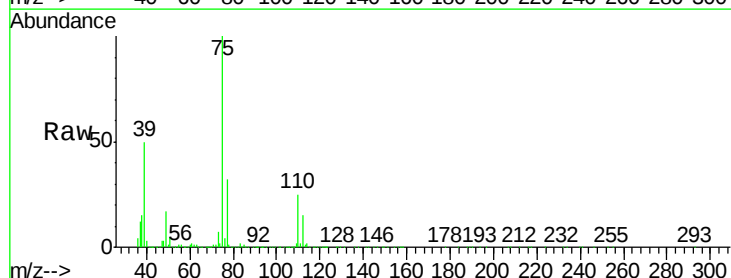
Tgt Ion: 75 Resp: 280302

Ion Ratio Lower Upper

75 100

77 32.2 26.2 39.4

39 49.5 37.1 55.7





#55

1,1,2-Trichloroethane

Concen: 48.647 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 190560

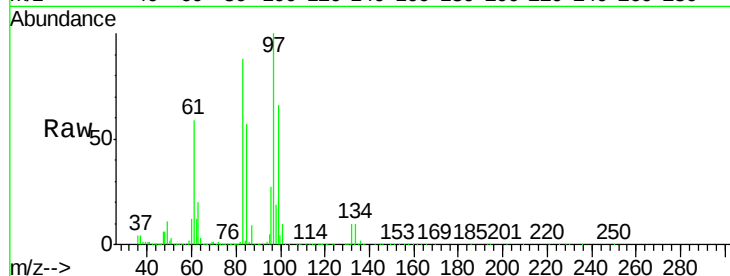
Ion Ratio Lower Upper

97 100

83 88.3 68.6 102.8

85 57.1 44.5 66.7

99 66.4 52.2 78.4

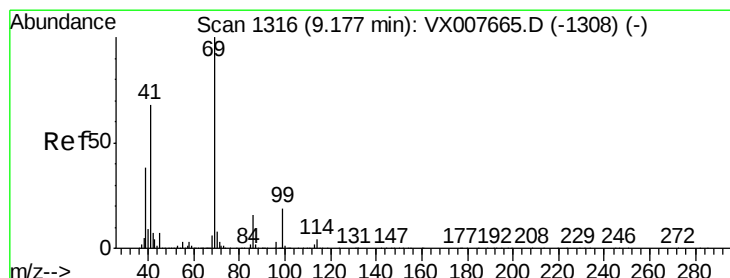
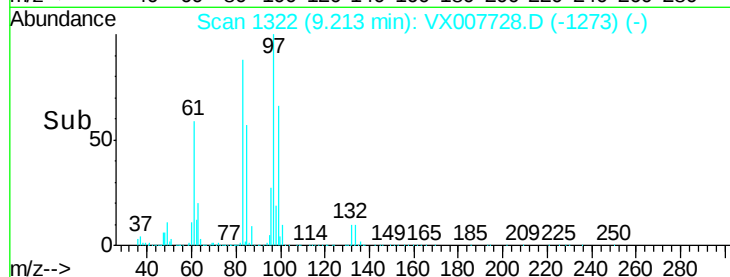
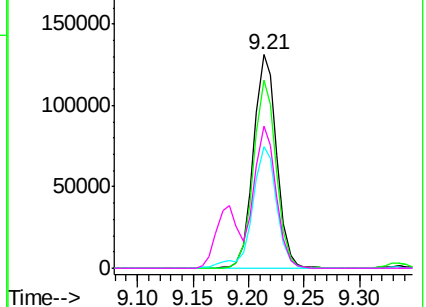


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 50.080 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

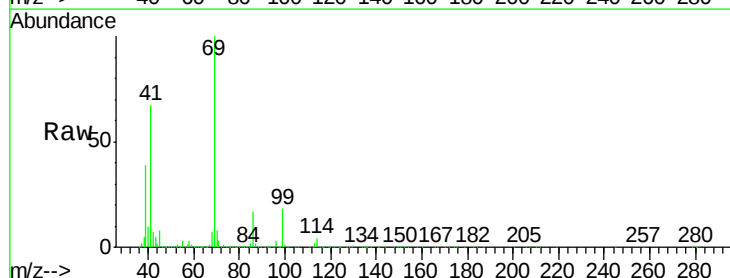
Tgt Ion: 69 Resp: 278974

Ion Ratio Lower Upper

69 100

41 66.0 52.1 78.1

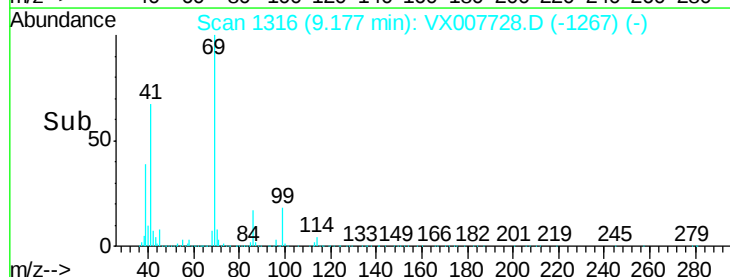
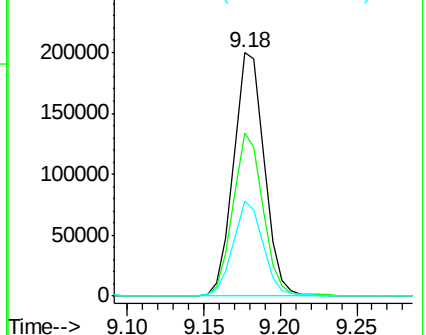
39 37.9 30.1 45.1

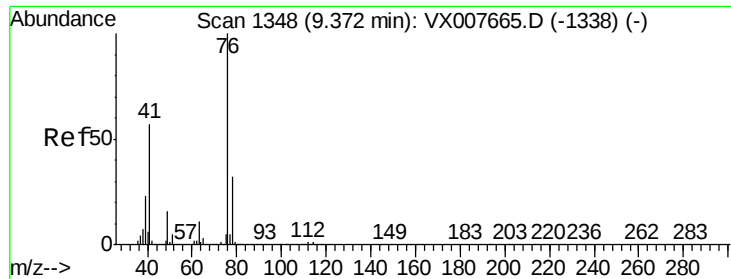


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 49.660 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

Instrument :

MSVOA_X

ClientSampleId :

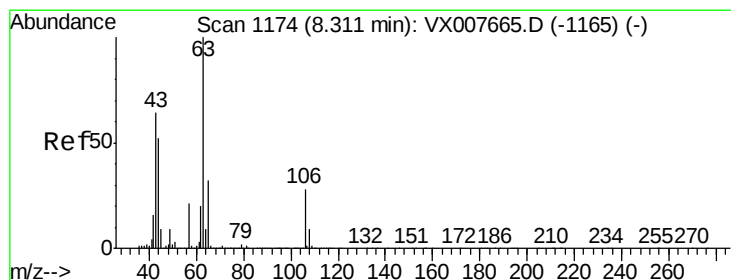
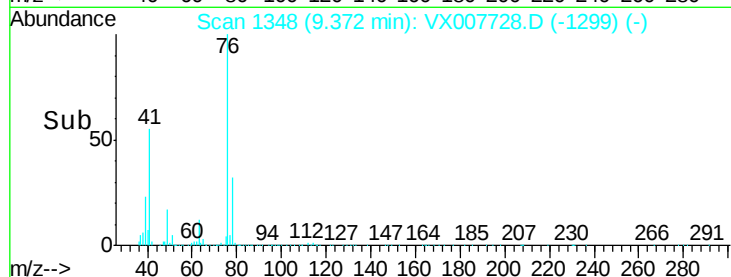
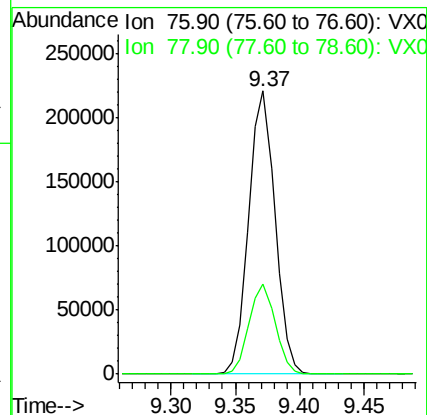
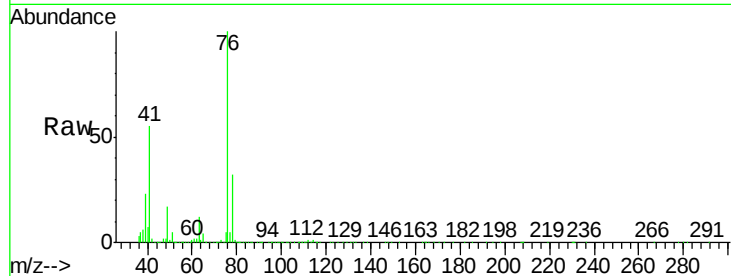
VSTDCCC050EC

Tot Ion: 76 Resp: 311398

Ion Ratio Lower Upper

76 100

78 31.7 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 249.310 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007728.D

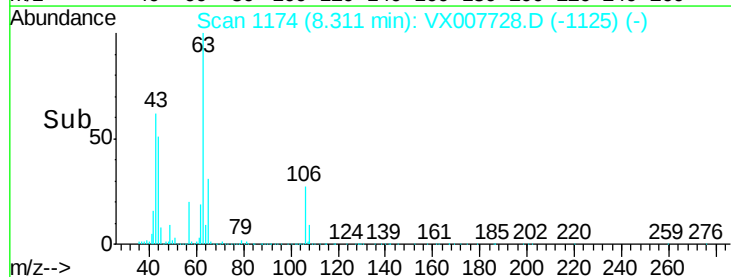
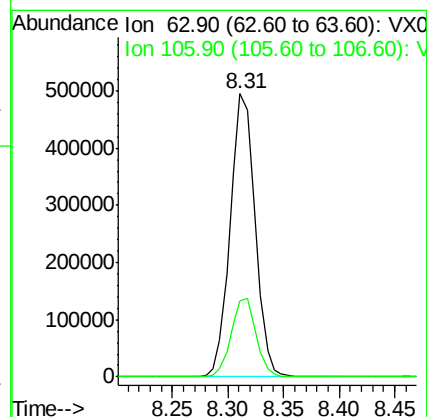
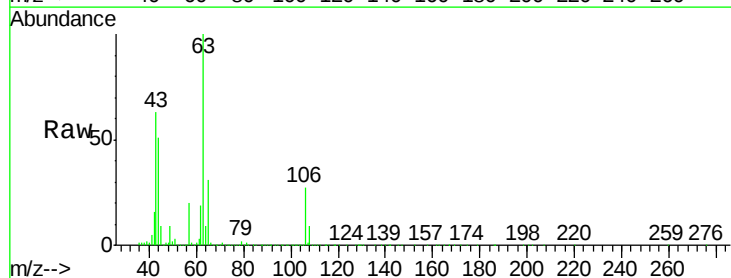
Acq: 26 Feb 2019 21:46

Tgt Ion: 63 Resp: 765853

Ion Ratio Lower Upper

63 100

106 28.0 23.6 35.4

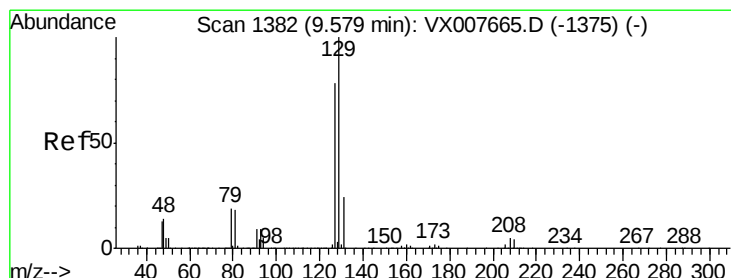
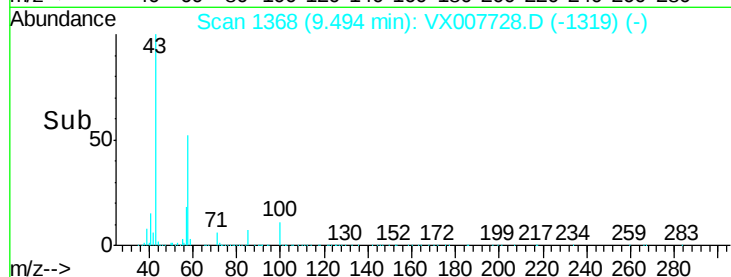
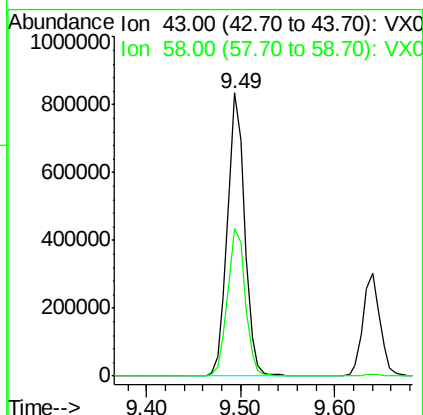
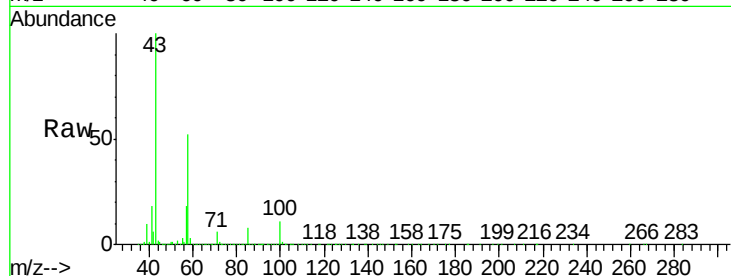




#59
2-Hexanone
Concen: 245.967 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007728.D
Acq: 26 Feb 2019 21:46

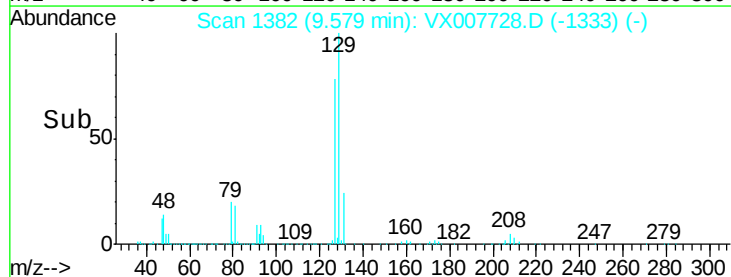
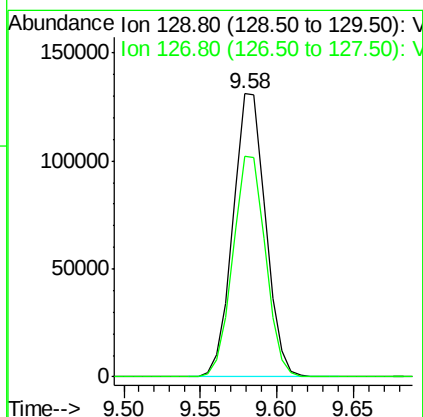
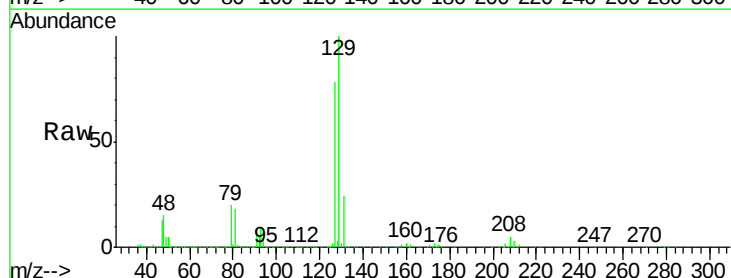
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

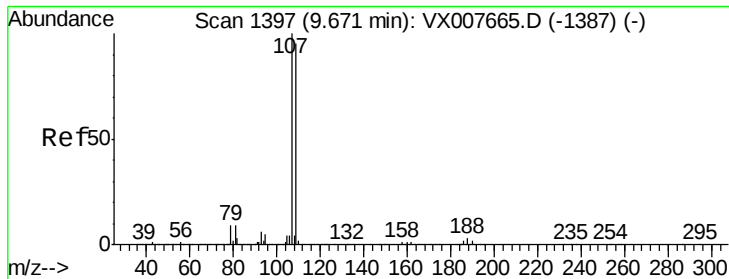
Tot Ion: 43 Resp: 1066444
Ion Ratio Lower Upper
43 100
58 53.7 27.1 81.3



#60
Dibromochloromethane
Concen: 51.393 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX007728.D
Acq: 26 Feb 2019 21:46

Tgt Ion: 129 Resp: 193715
Ion Ratio Lower Upper
129 100
127 77.8 37.8 113.4





#61

1,2-Dibromoethane

Concen: 50.036 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

Instrument :

MSVOA_X

ClientSampleId :

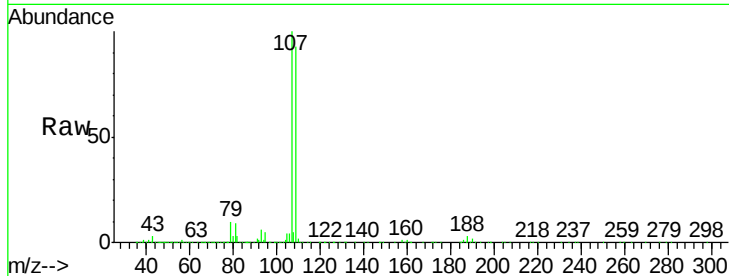
VSTDCCC050EC

Tot Ion:107 Resp: 203499

Ion Ratio Lower Upper

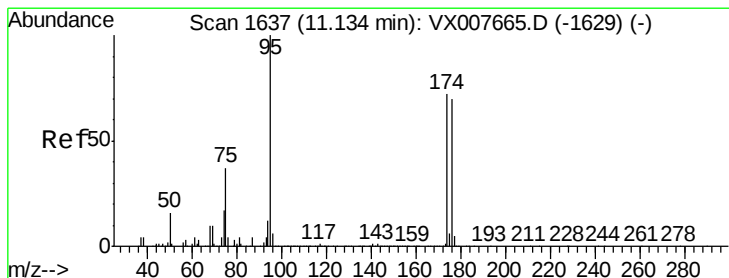
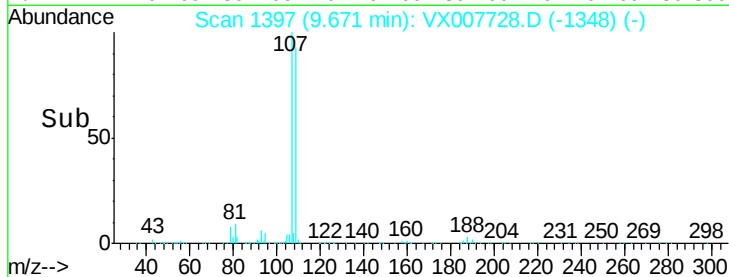
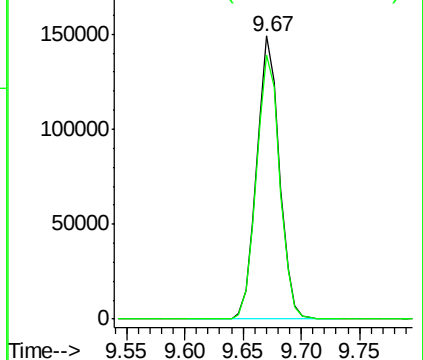
107 100

109 96.0 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.032 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

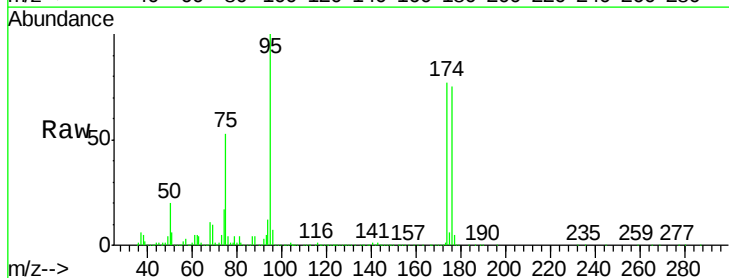
Tgt Ion: 95 Resp: 237127

Ion Ratio Lower Upper

95 100

174 82.0 0.0 189.2

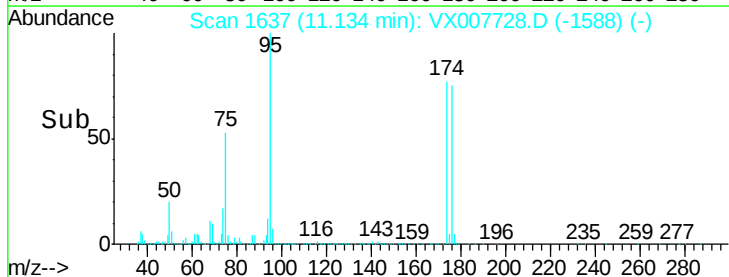
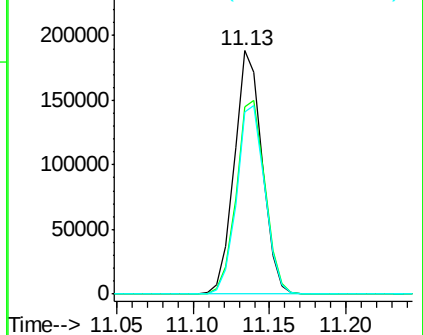
176 78.6 0.0 186.2

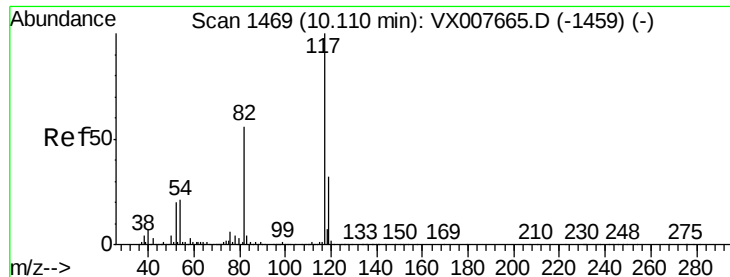


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

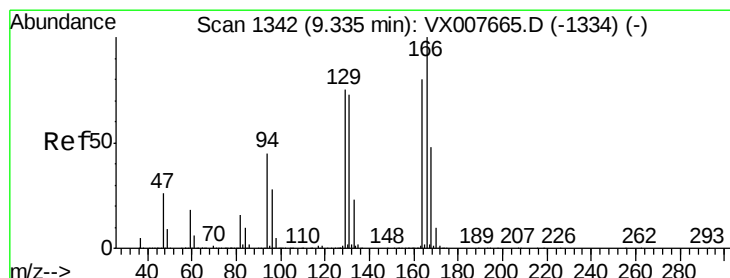
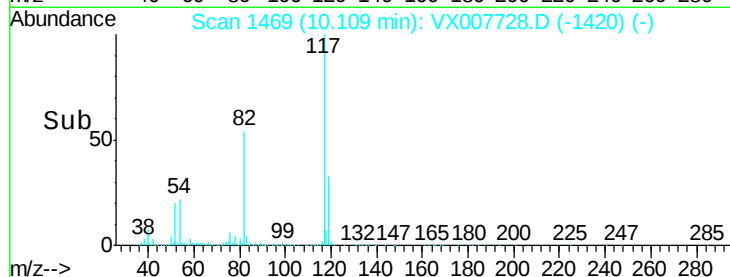
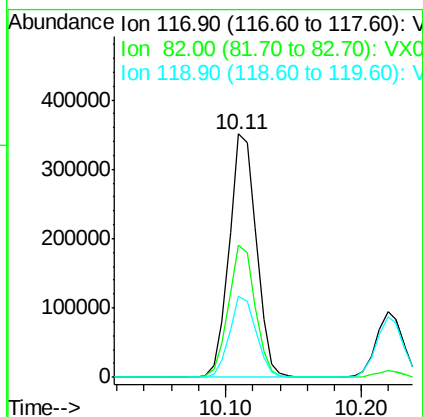
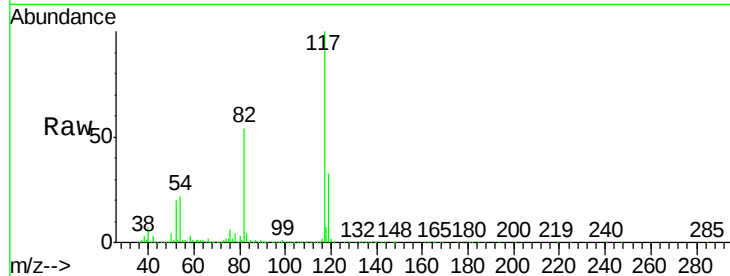




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007728.D
Acq: 26 Feb 2019 21:46

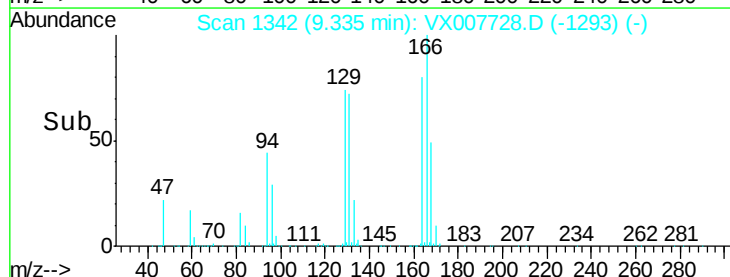
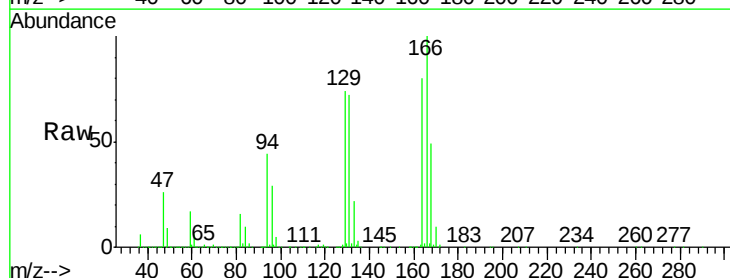
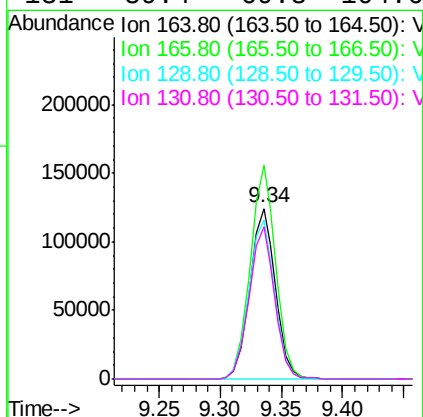
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

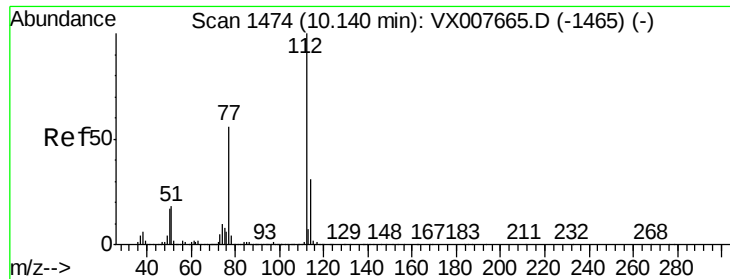
Tot Ion:117 Resp: 486427
Ion Ratio Lower Upper
117 100
82 54.3 42.1 63.1
119 33.4 26.5 39.7



#64
Tetrachloroethene
Concen: 45.791 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007728.D
Acq: 26 Feb 2019 21:46

Tgt Ion:164 Resp: 180823
Ion Ratio Lower Upper
164 100
166 124.9 101.0 151.4
129 92.8 70.5 105.7
131 89.4 69.8 104.6





#65

Chlorobenzene

Concen: 47.986 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

Instrument :

MSVOA_X

ClientSampleId :

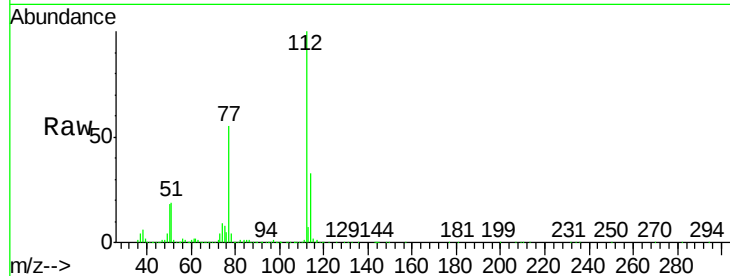
VSTDCCC050EC

Tot Ion:112 Resp: 504830

Ion Ratio Lower Upper

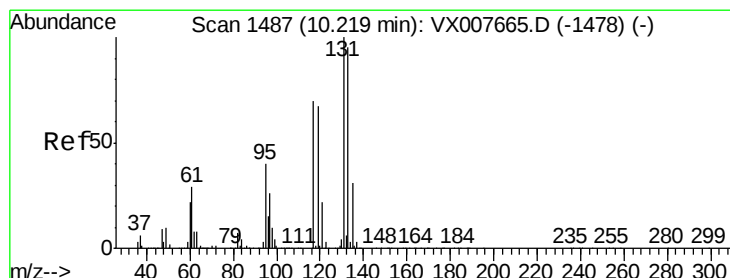
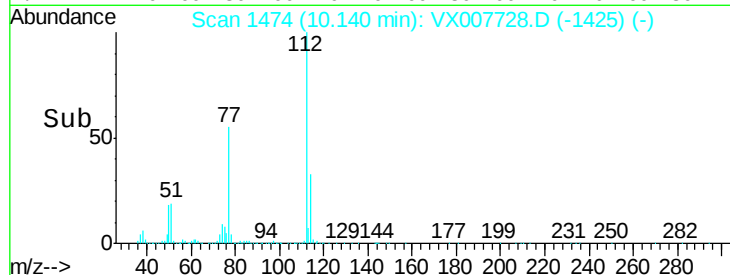
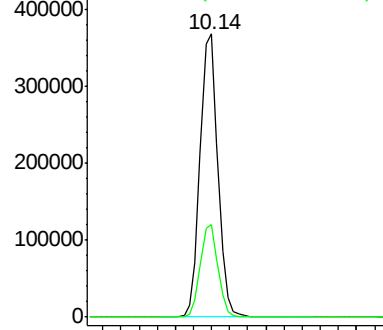
112 100

114 32.6 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: 49.434 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

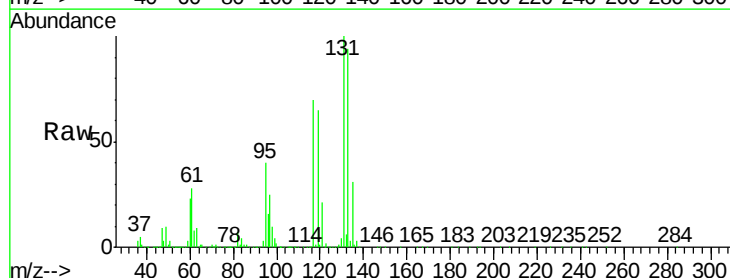
Tgt Ion:131 Resp: 181410

Ion Ratio Lower Upper

131 100

133 96.3 48.0 144.2

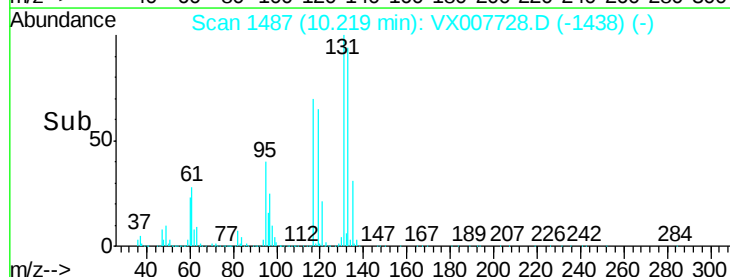
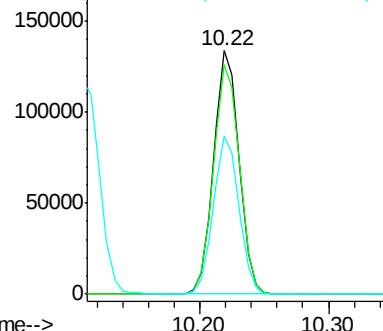
119 65.4 32.0 96.0

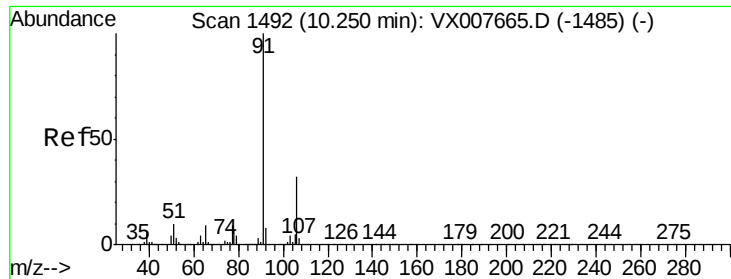


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

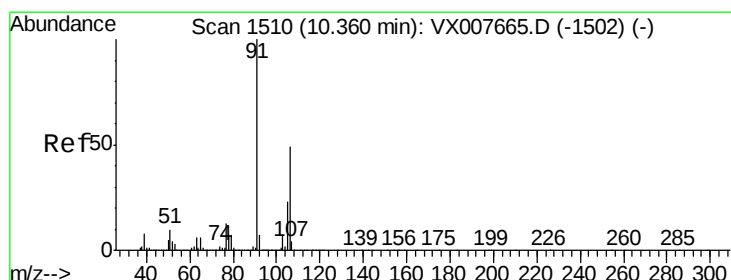
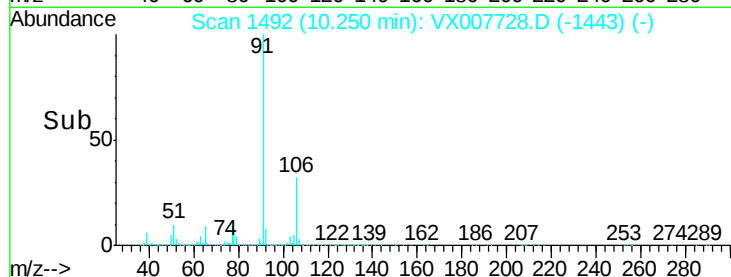
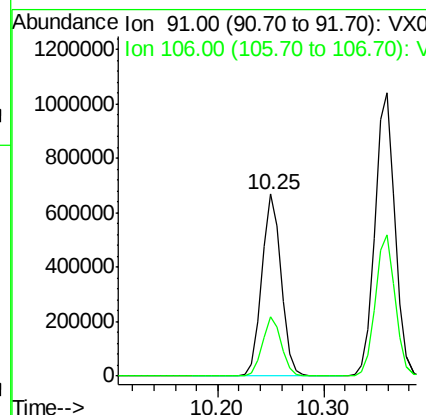
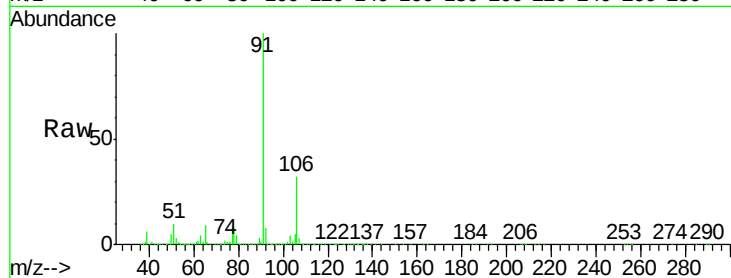




#67
Ethyl Benzene
Concen: 49.040 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX007728.D
Acq: 26 Feb 2019 21:46

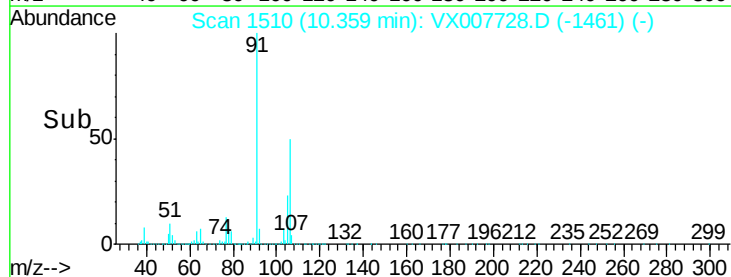
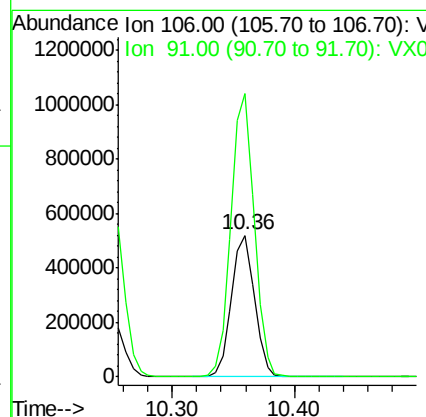
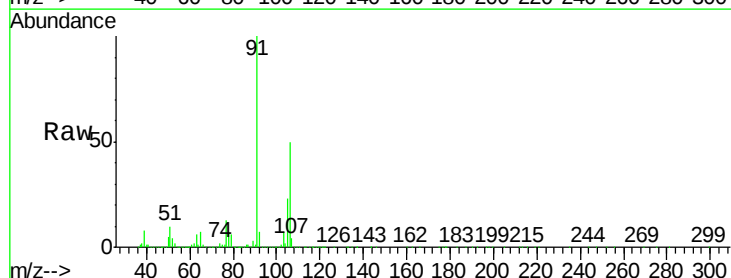
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

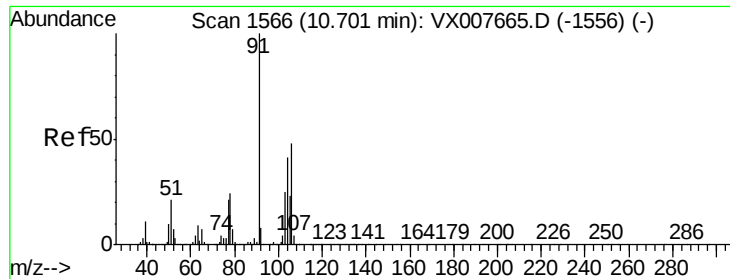
Tot Ion: 91 Resp: 854662
Ion Ratio Lower Upper
91 100
106 32.5 25.4 38.0



#68
m/p-Xylenes
Concen: 99.802 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX007728.D
Acq: 26 Feb 2019 21:46

Tgt Ion: 106 Resp: 676651
Ion Ratio Lower Upper
106 100
91 202.0 156.6 234.8

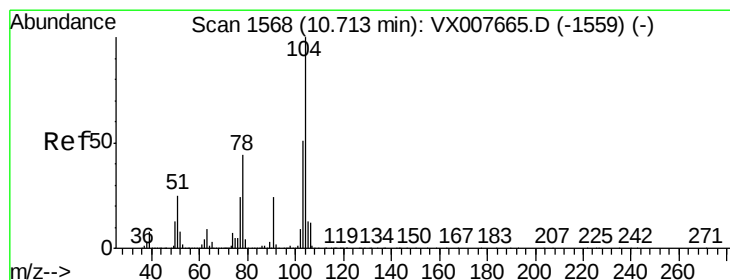
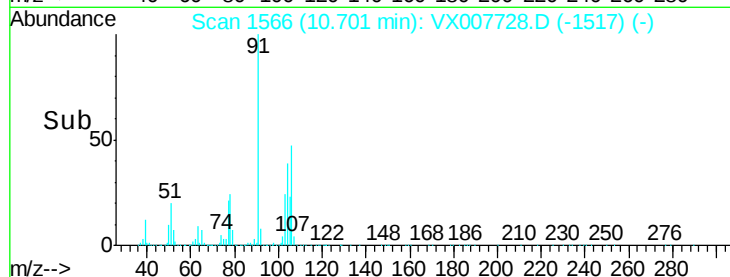
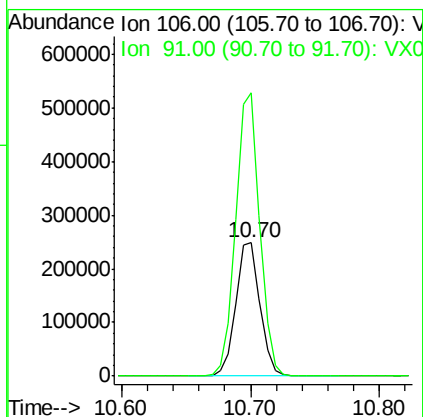
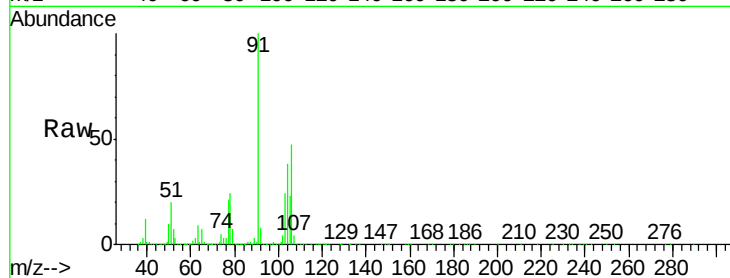




#69
o-Xylene
Concen: 49.930 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX007728.D
Acq: 26 Feb 2019 21:46

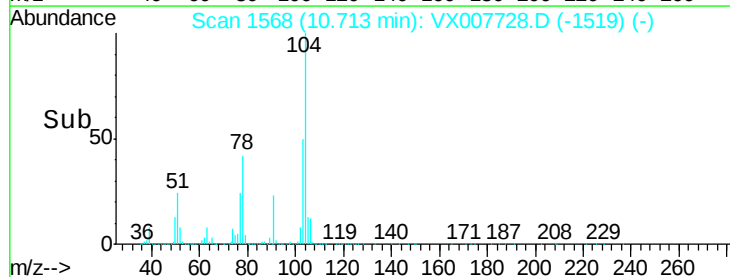
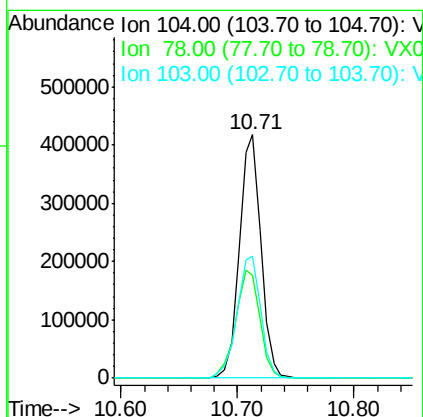
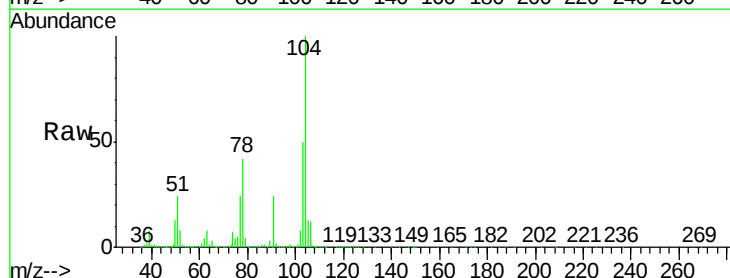
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 325618
Ion Ratio Lower Upper
106 100
91 210.4 102.9 308.7



#70
Styrene
Concen: 50.281 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007728.D
Acq: 26 Feb 2019 21:46

Tgt Ion:104 Resp: 538978
Ion Ratio Lower Upper
104 100
78 50.0 38.3 57.5
103 55.4 44.6 67.0





#71

Bromoform

Concen: 48.839 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

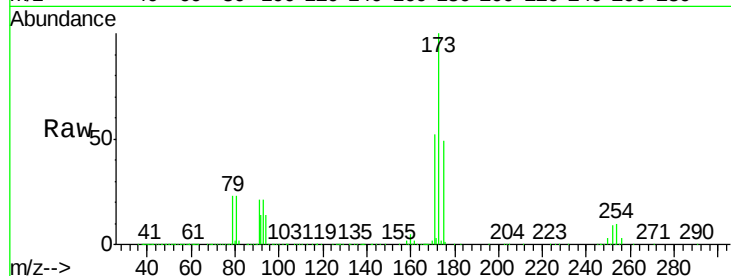
Tot Ion:173 Resp: 134400

Ion Ratio Lower Upper

173 100

175 49.1 24.2 72.6

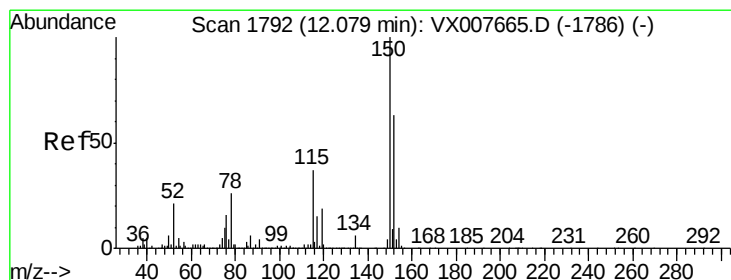
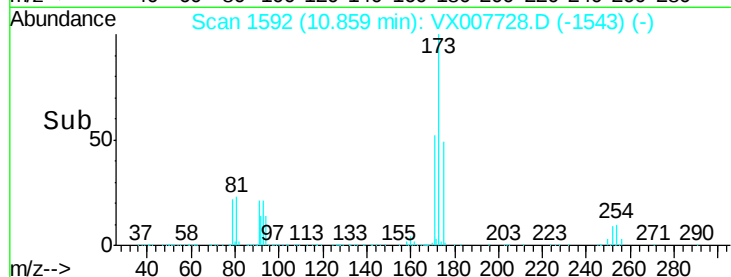
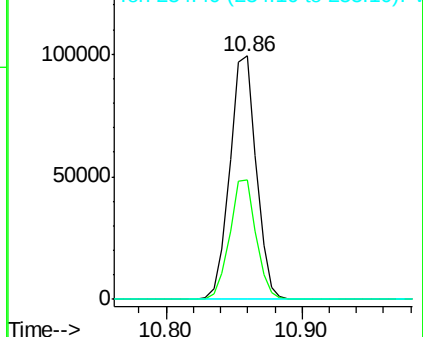
254 0.2 0.2 0.2#



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: VX007728.D

Acq: 26 Feb 2019 21:46

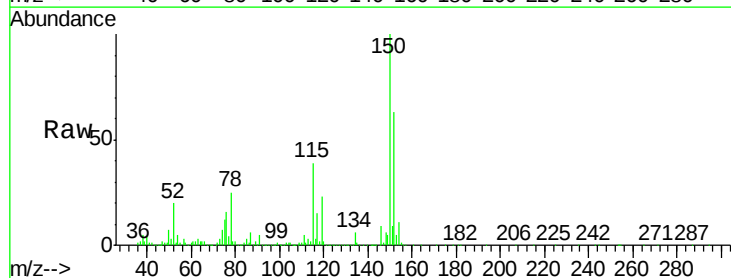
Tgt Ion:152 Resp: 251996

Ion Ratio Lower Upper

152 100

115 83.5 38.0 114.0

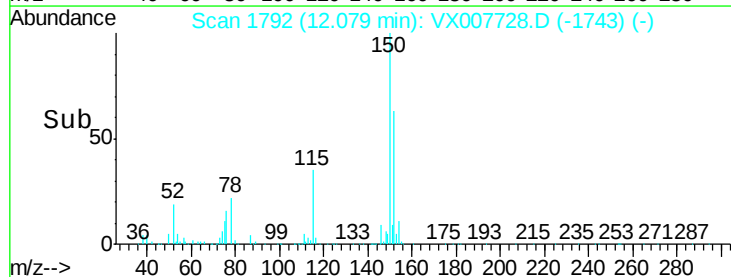
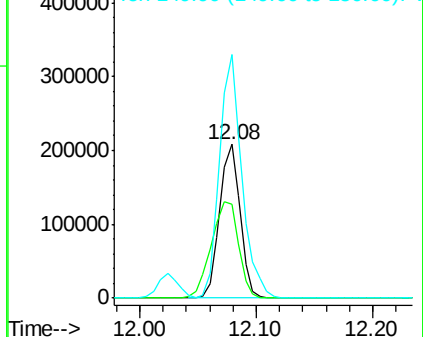
150 172.6 0.0 346.4

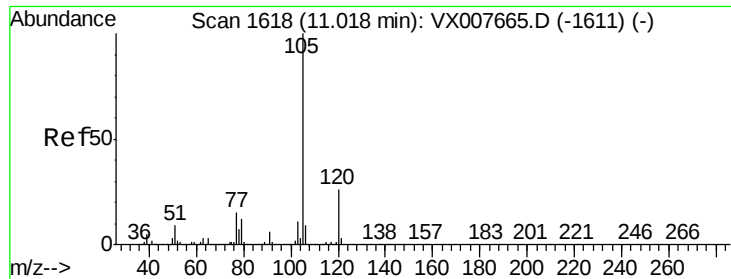


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.170 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

Instrument :

MSVOA_X

ClientSampleId :

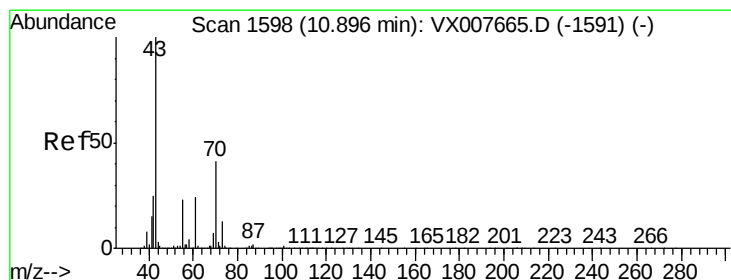
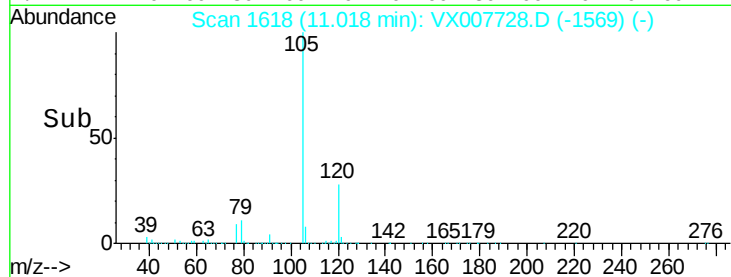
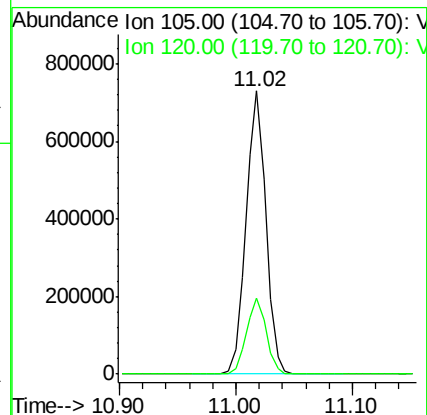
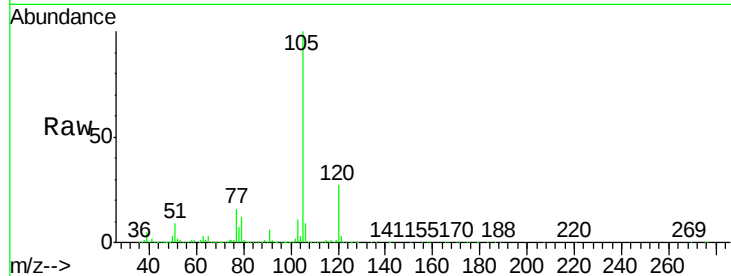
VSTDCCC050EC

Tot Ion:105 Resp: 867564

Ion Ratio Lower Upper

105 100

120 27.0 13.6 40.7



#74

N-ethyl acetate

Concen: 49.604 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

Tgt Ion: 43 Resp: 387965

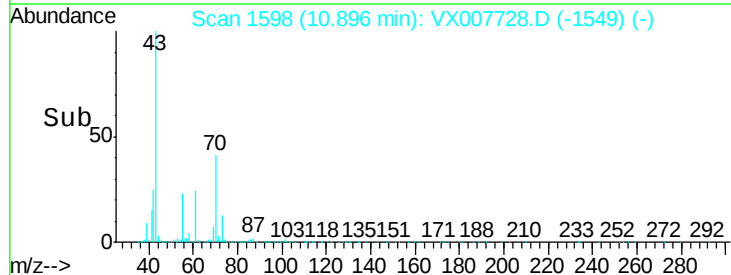
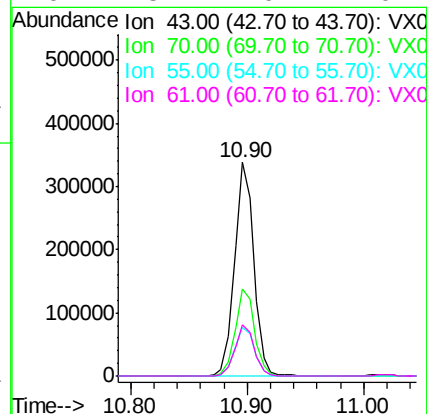
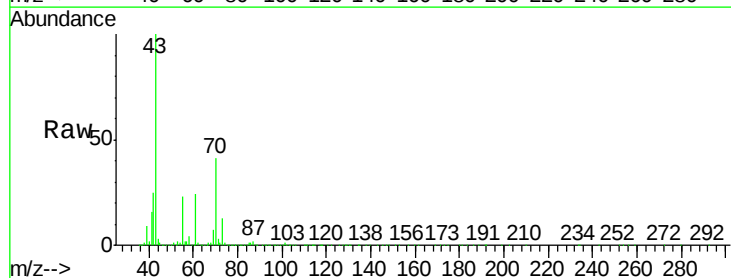
Ion Ratio Lower Upper

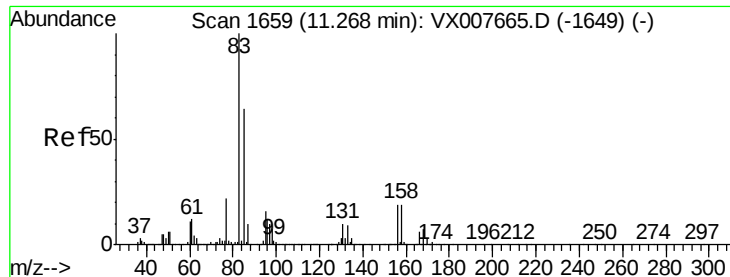
43 100

70 41.4 33.8 50.6

55 23.9 19.5 29.3

61 23.7 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 46.491 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

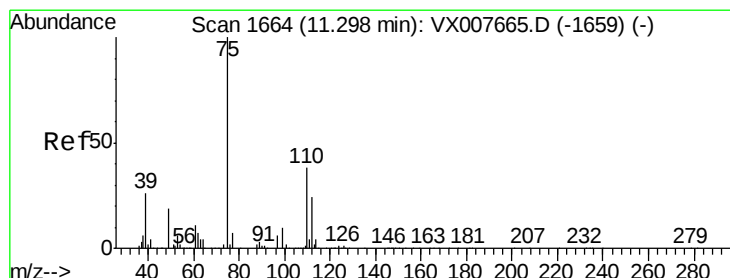
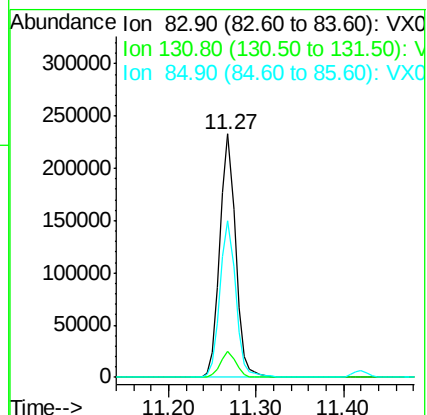
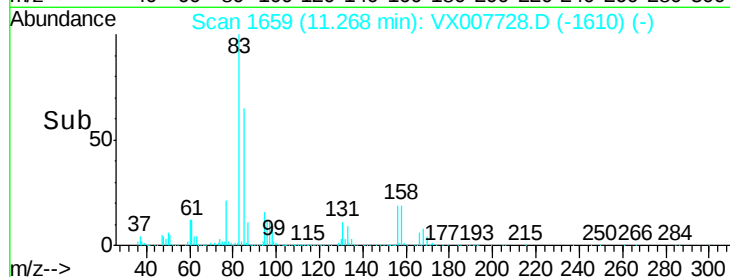
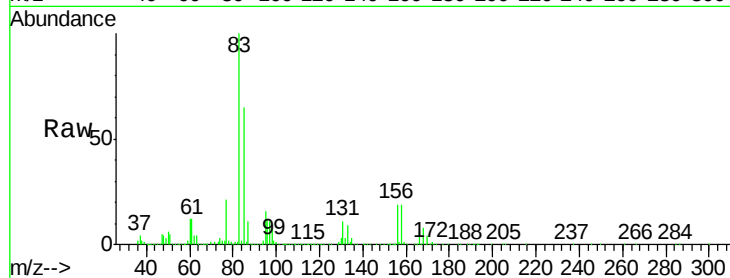
Tot Ion: 83 Resp: 289603

Ion	Ratio	Lower	Upper
83	100		
131	10.6	5.7	17.0
85	64.7	32.8	98.3

83 100

131 10.6 5.7 17.0

85 64.7 32.8 98.3



#76

1,2,3-Trichloropropane

Concen: 61.103 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX007728.D

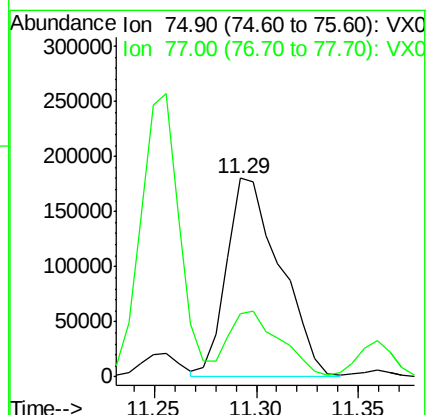
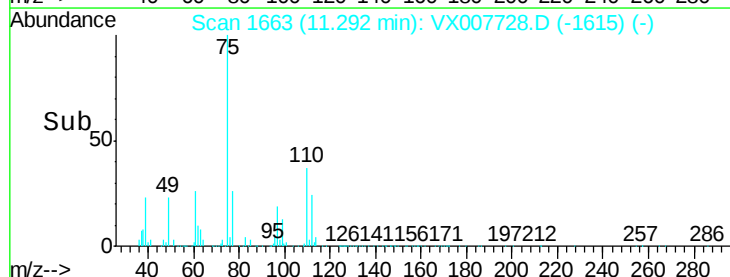
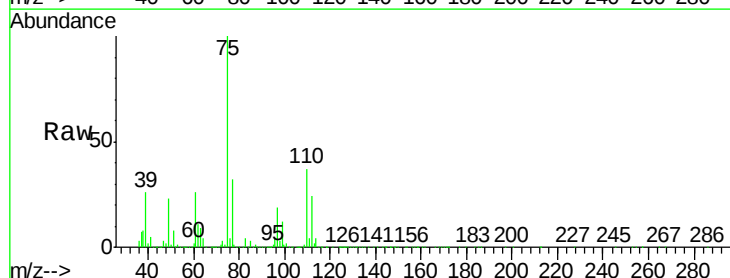
Acq: 26 Feb 2019 21:46

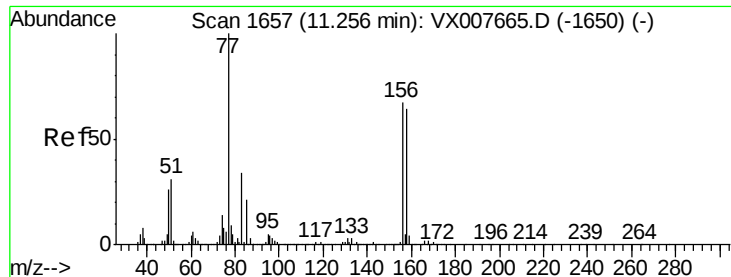
Tgt Ion: 75 Resp: 328211

Ion	Ratio	Lower	Upper
75	100		
77	32.9	23.0	69.0

75 100

77 32.9 23.0 69.0





#77

Bromobenzene

Concen: 47.621 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

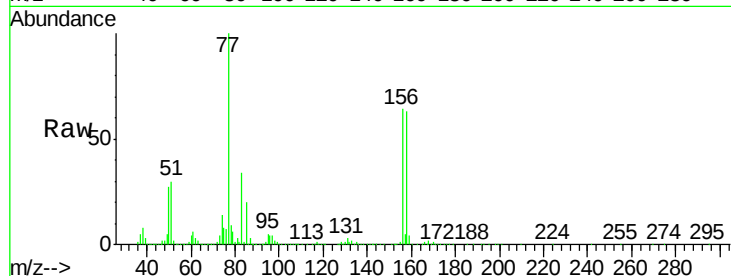
Tot Ion:156 Resp: 215126

Ion Ratio Lower Upper

156 100

77 154.5 66.8 200.6

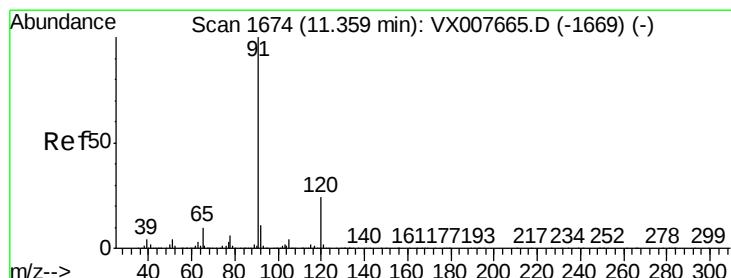
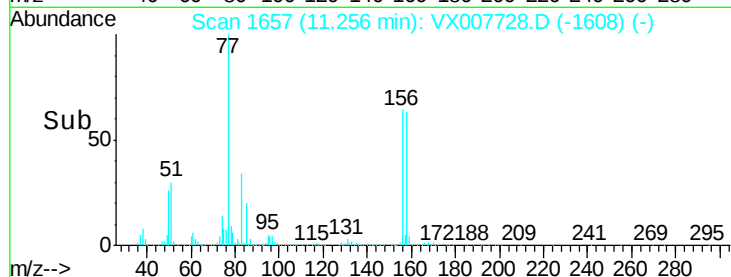
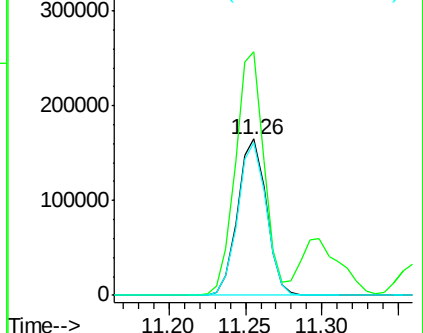
158 97.3 47.9 143.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.324 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007728.D

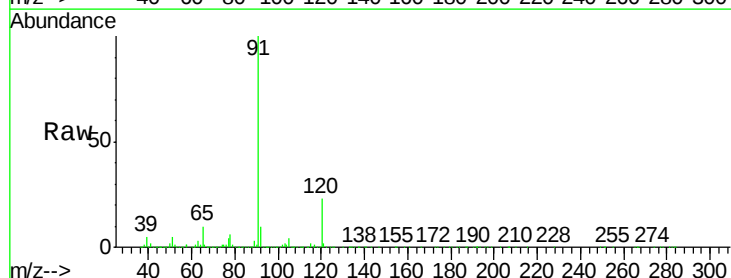
Acq: 26 Feb 2019 21:46

Tgt Ion: 91 Resp: 1003851

Ion Ratio Lower Upper

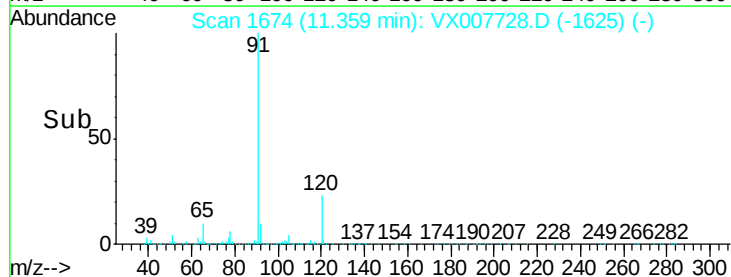
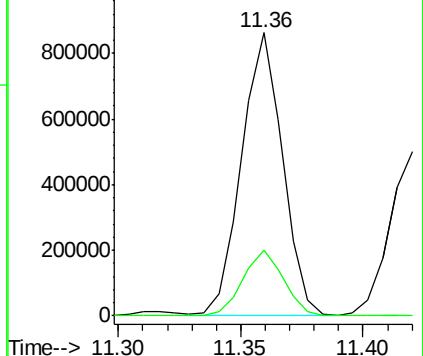
91 100

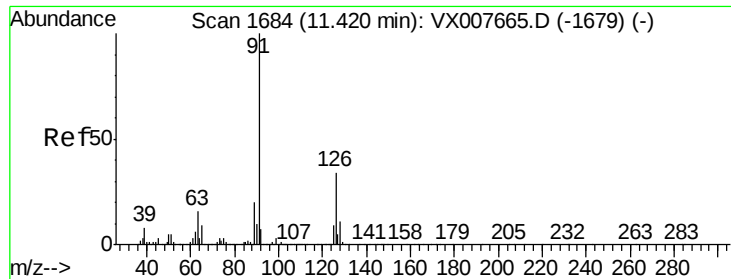
120 23.4 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

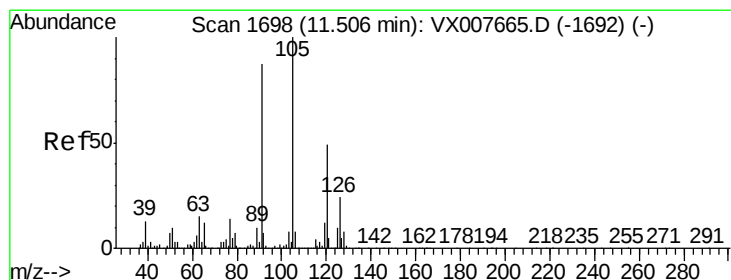
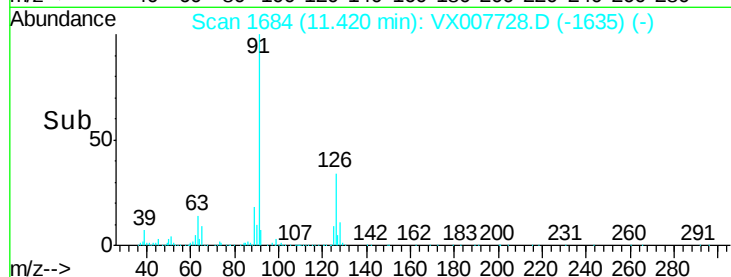
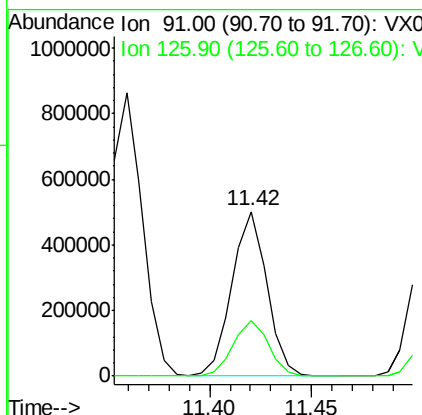
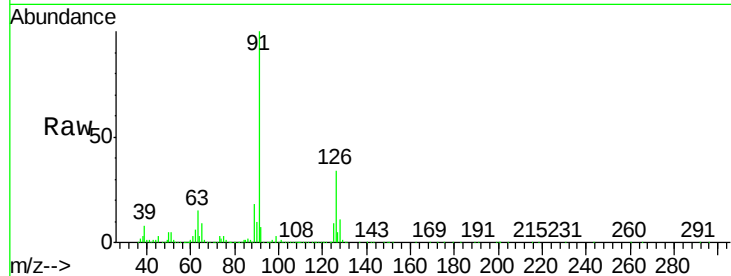




#79
 2-Chlorotoluene
 Concen: 48.354 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX007728.D
 Acq: 26 Feb 2019 21:46

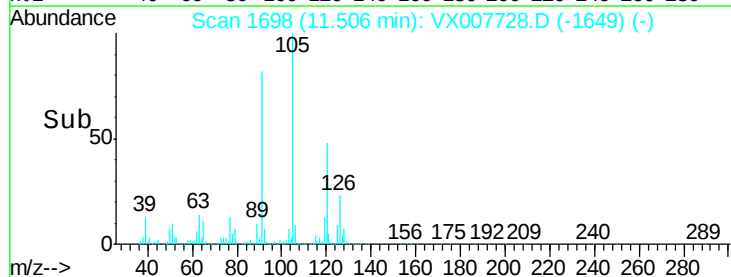
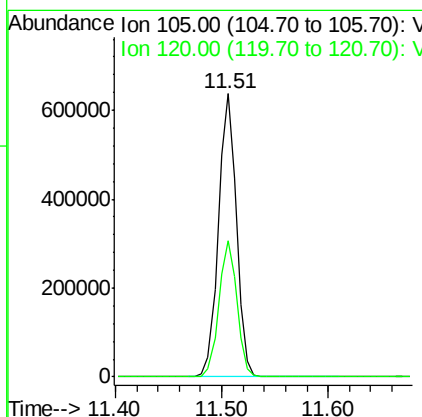
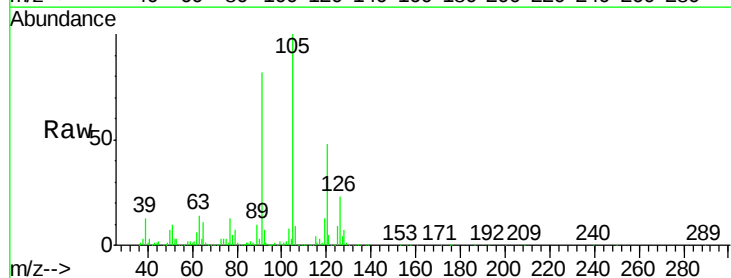
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

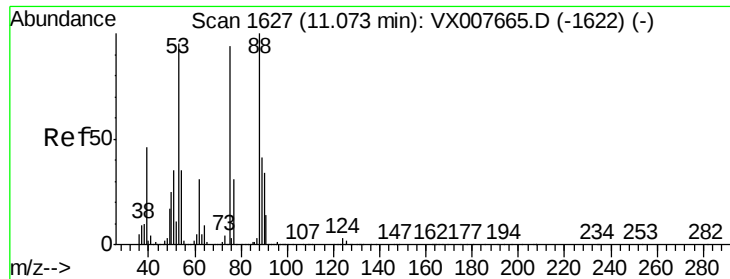
Tot Ion: 91 Resp: 592548
 Ion Ratio Lower Upper
 91 100
 126 34.6 18.7 56.1



#80
 1,3,5-Trimethylbenzene
 Concen: 50.305 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX007728.D
 Acq: 26 Feb 2019 21:46

Tgt Ion: 105 Resp: 745248
 Ion Ratio Lower Upper
 105 100
 120 48.4 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 40.520 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

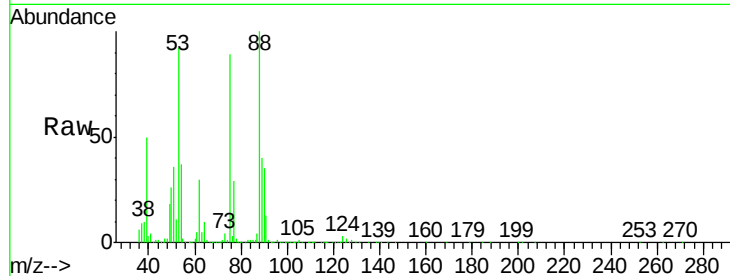
Tot Ion: 75 Resp: 80003

Ion Ratio Lower Upper

75 100

53 102.9 81.0 121.6

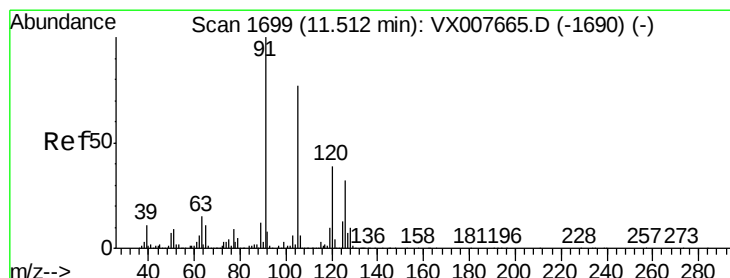
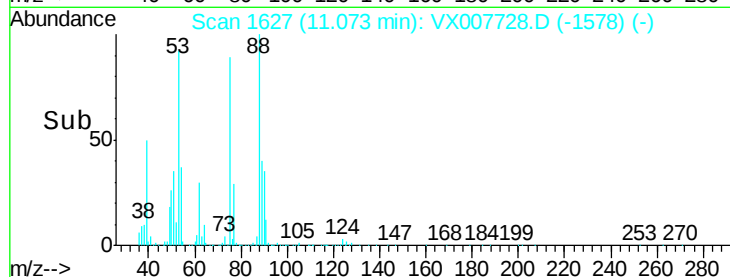
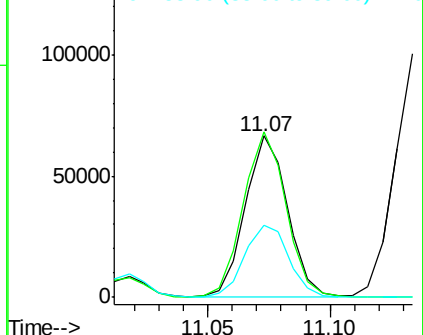
89 47.4 41.4 62.0



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: 49.912 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX007728.D

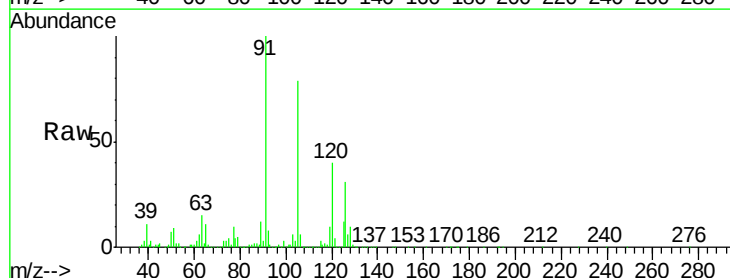
Acq: 26 Feb 2019 21:46

Tgt Ion: 91 Resp: 715517

Ion Ratio Lower Upper

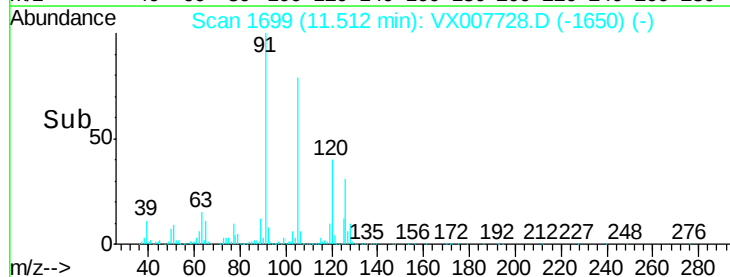
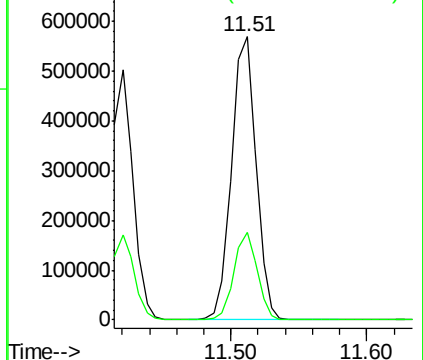
91 100

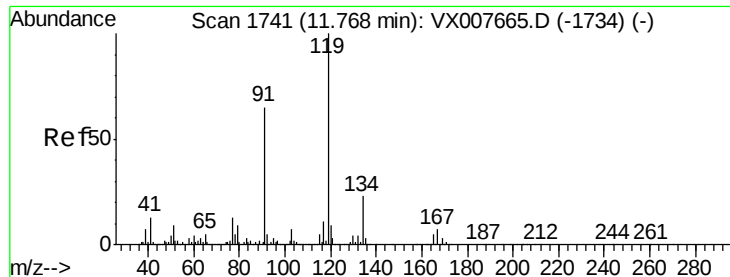
126 29.7 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 50.138 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

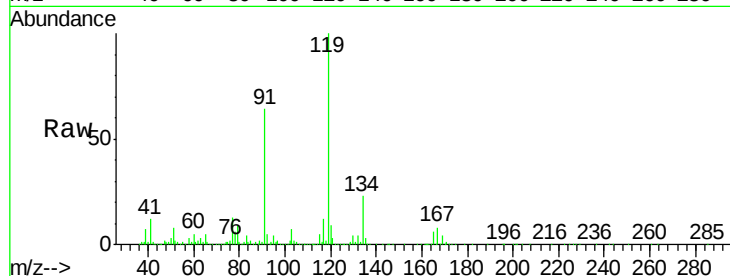
Tot Ion:119 Resp: 713164

Ion Ratio Lower Upper

119 100

91 59.5 28.5 85.6

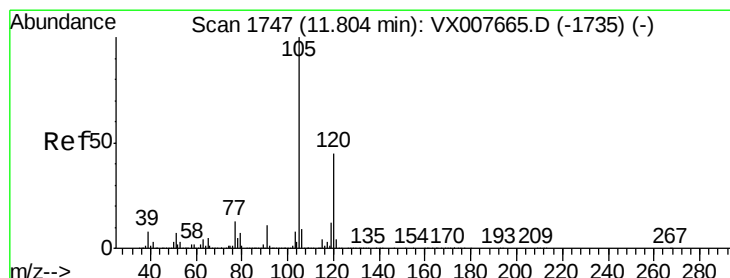
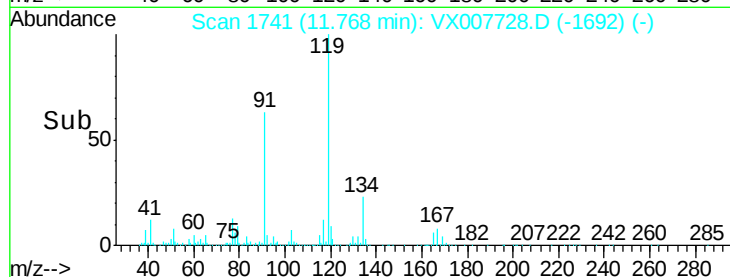
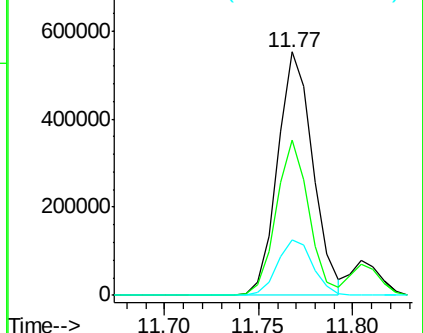
134 22.9 12.0 36.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 50.581 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX007728.D

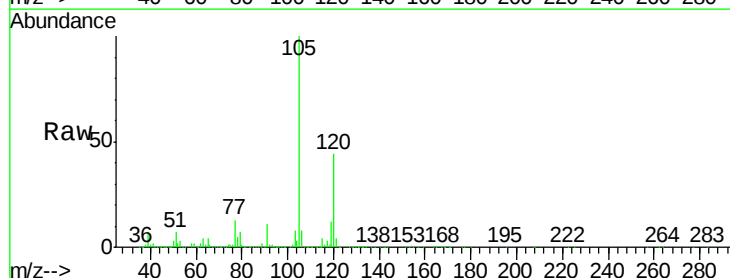
Acq: 26 Feb 2019 21:46

Tgt Ion:105 Resp: 766494

Ion Ratio Lower Upper

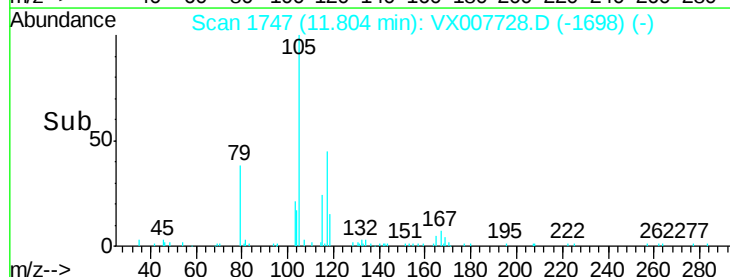
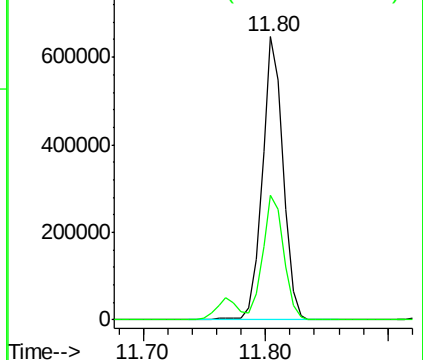
105 100

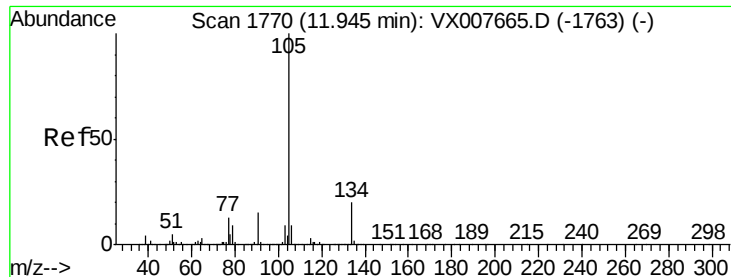
120 44.1 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 49.903 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

Instrument :

MSVOA_X

ClientSampleId :

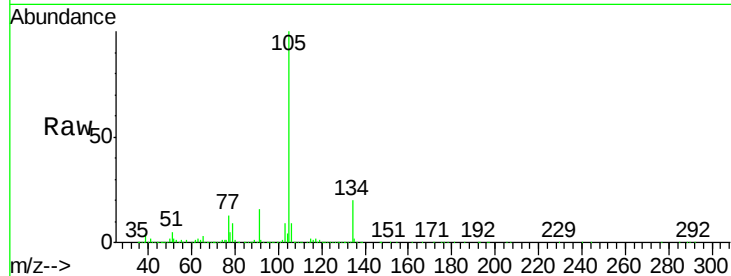
VSTDCCC050EC

Tot Ion:105 Resp: 889481

Ion Ratio Lower Upper

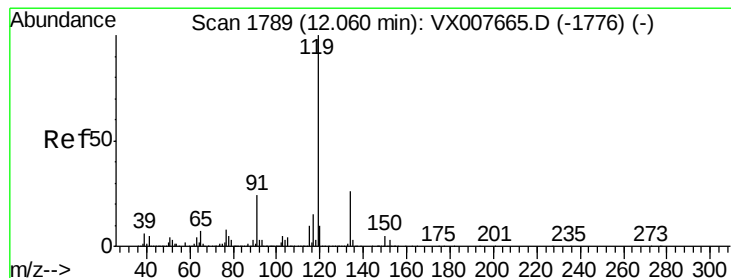
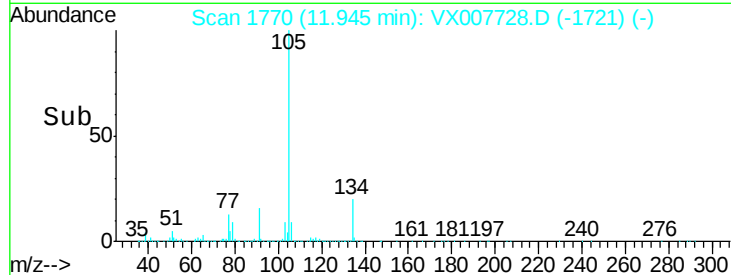
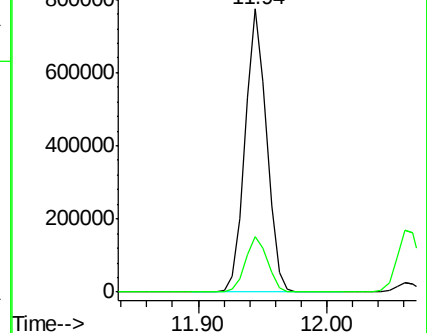
105 100

134 20.1 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.225 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

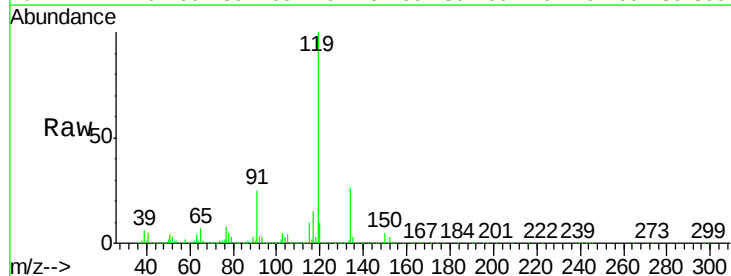
Tgt Ion:119 Resp: 784004

Ion Ratio Lower Upper

119 100

134 26.5 13.7 41.1

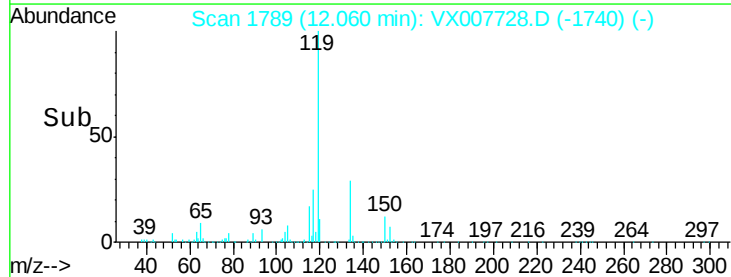
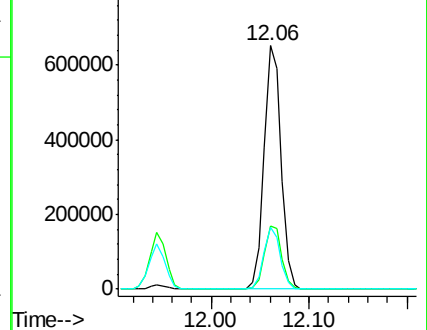
91 24.3 11.2 33.5

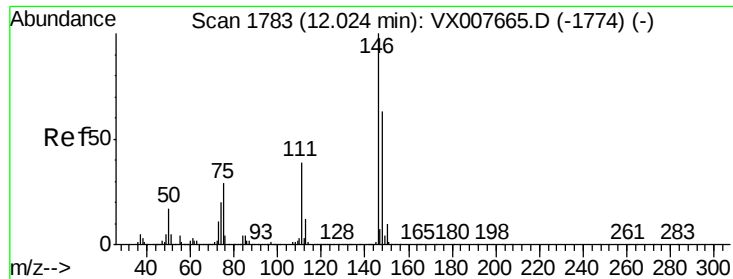


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 47.278 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

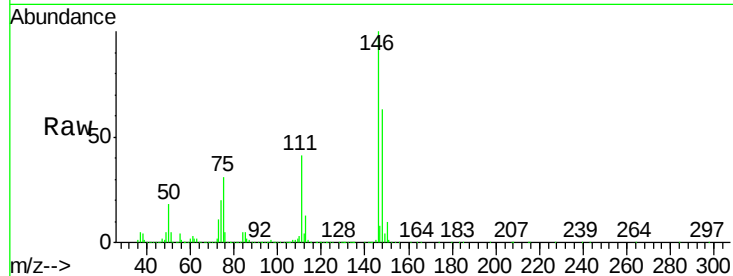
Tot Ion:146 Resp: 396159

Ion Ratio Lower Upper

146 100

111 39.9 18.1 54.1

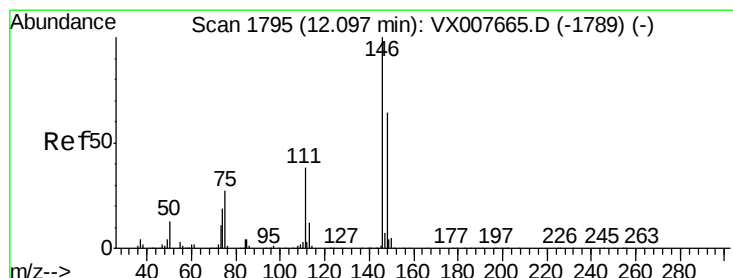
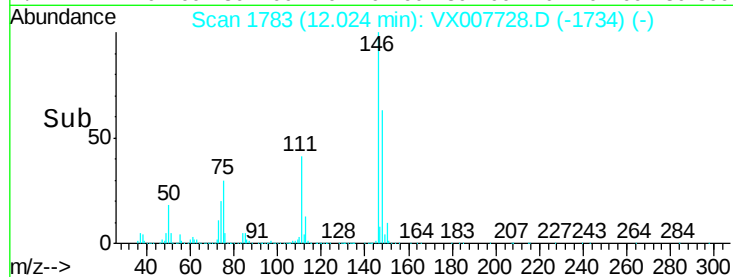
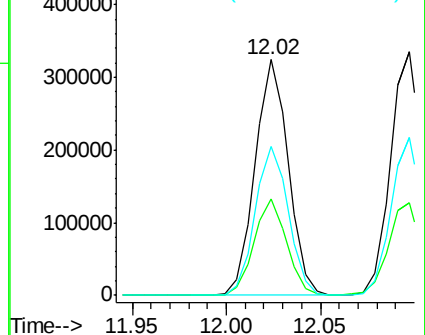
148 63.3 32.0 96.2



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: 47.384 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

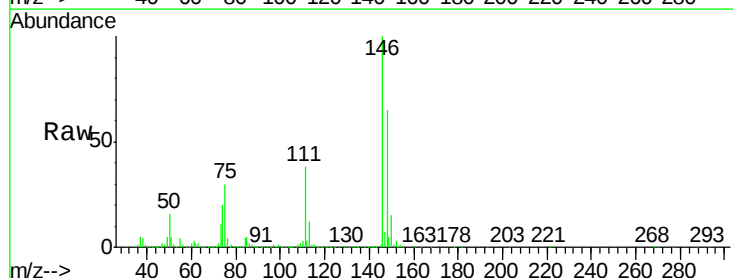
Tgt Ion:146 Resp: 406634

Ion Ratio Lower Upper

146 100

111 39.2 18.1 54.1

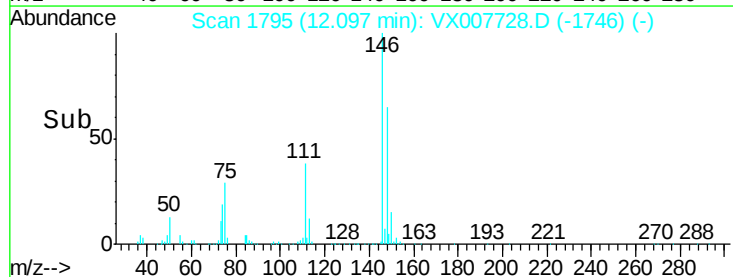
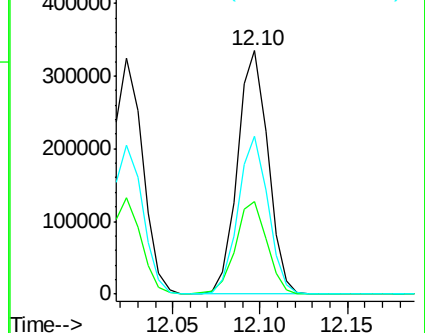
148 64.0 32.3 96.9

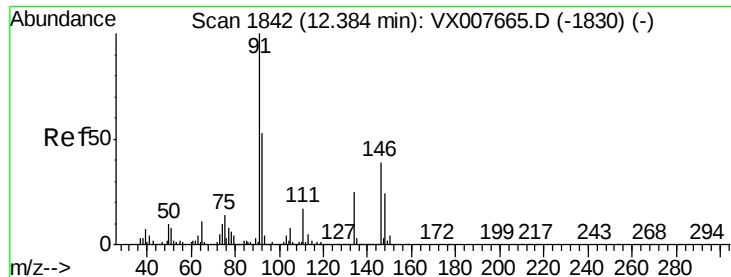


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

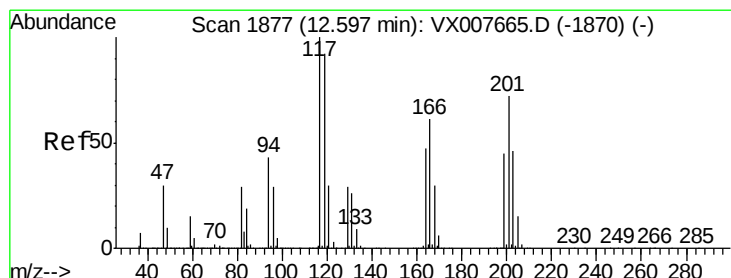
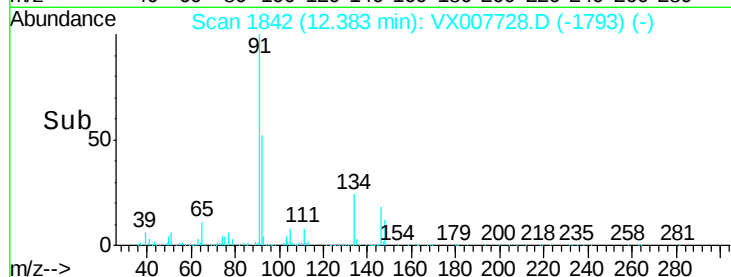
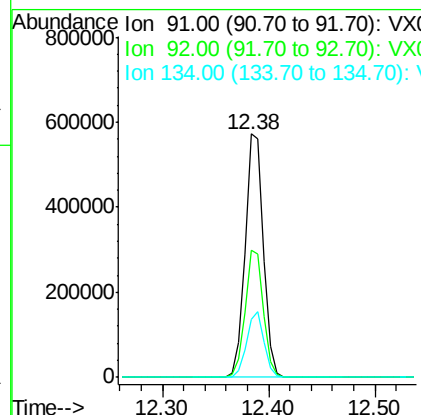
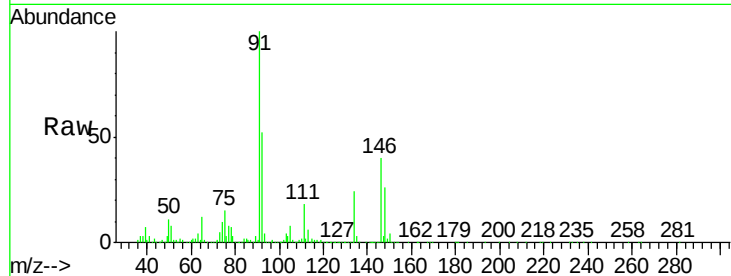




#89
n-Butylbenzene
Concen: 49.467 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX007728.D
Acq: 26 Feb 2019 21:46

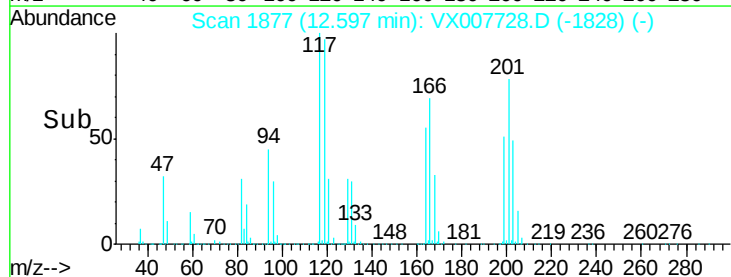
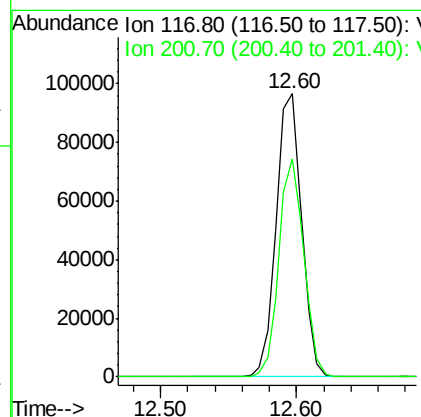
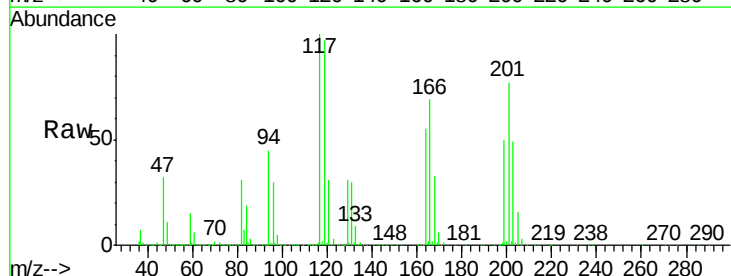
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

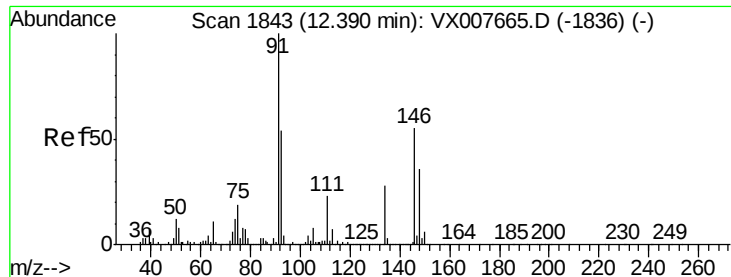
Tot Ion: 91 Resp: 688647
Ion Ratio Lower Upper
91 100
92 52.0 26.3 78.9
134 25.7 13.9 41.6



#90
Hexachloroethane
Concen: 48.309 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007728.D
Acq: 26 Feb 2019 21:46

Tgt Ion: 117 Resp: 127061
Ion Ratio Lower Upper
117 100
201 75.0 44.9 134.7





#91

1,2-Dichlorobenzene

Concen: 47.604 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

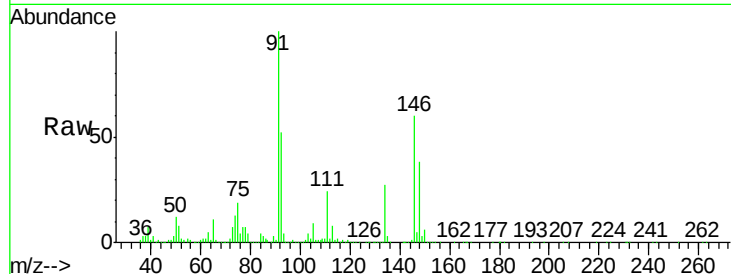
Tot Ion:146 Resp: 399116

Ion Ratio Lower Upper

146 100

111 41.1 19.1 57.3

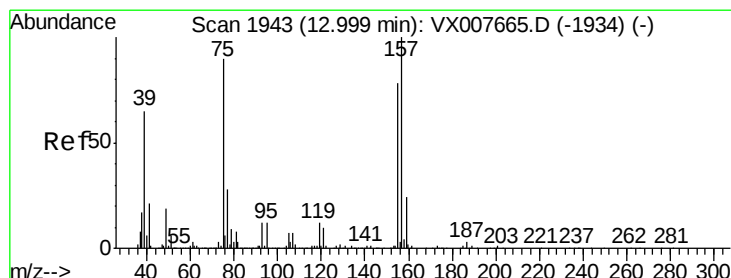
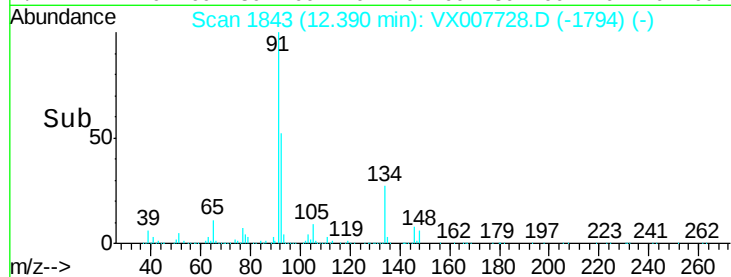
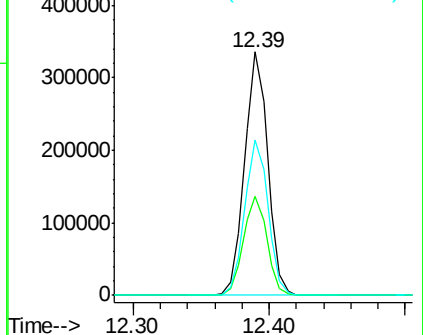
148 64.5 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.343 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

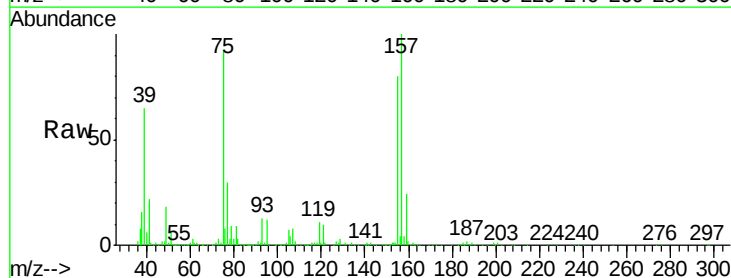
Tgt Ion: 75 Resp: 64258

Ion Ratio Lower Upper

75 100

155 87.0 49.6 149.0

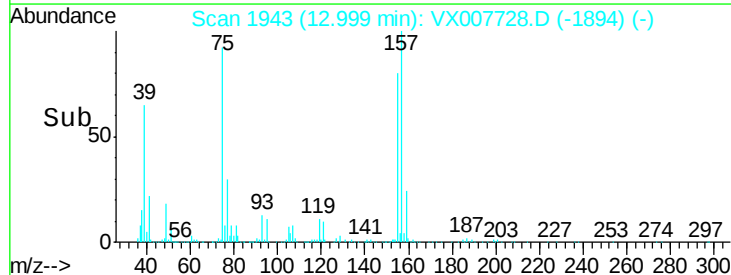
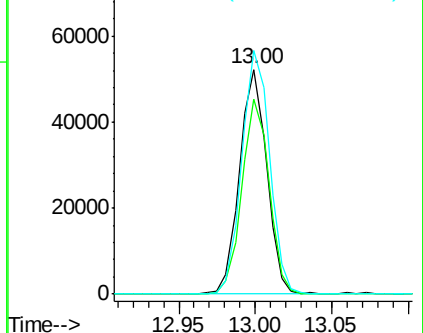
157 111.6 65.1 195.3

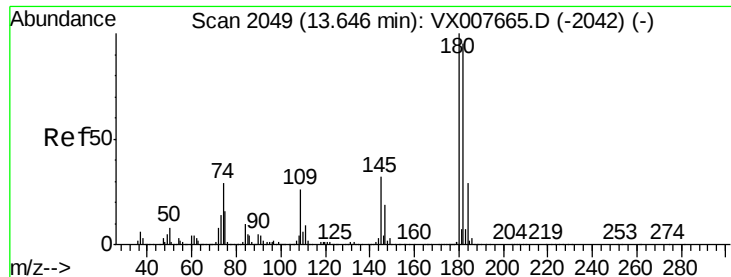


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

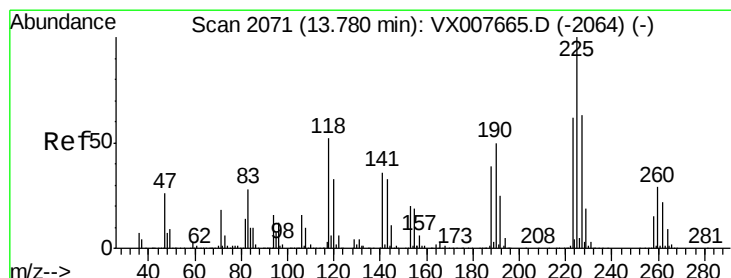
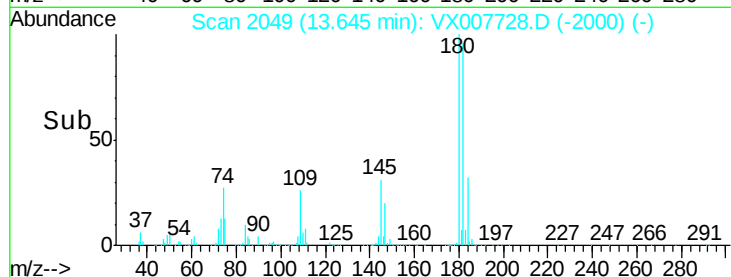
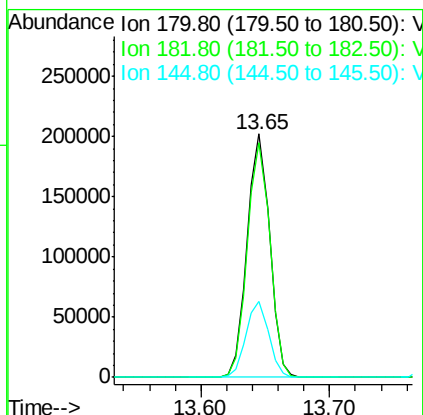
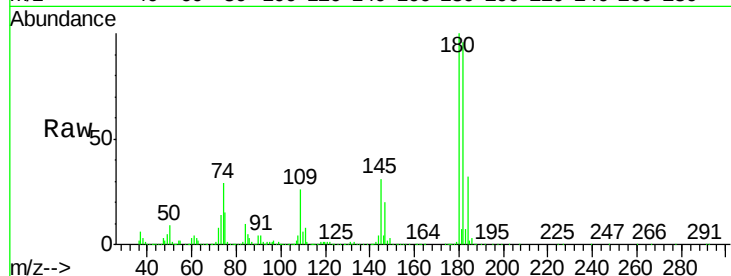




#93
 1,2,4-Trichlorobenzene
 Concen: 47.330 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007728.D
 Acq: 26 Feb 2019 21:46

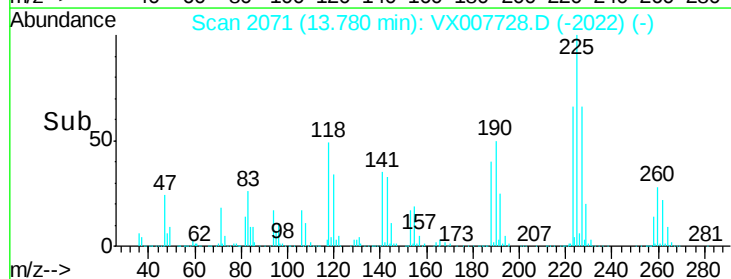
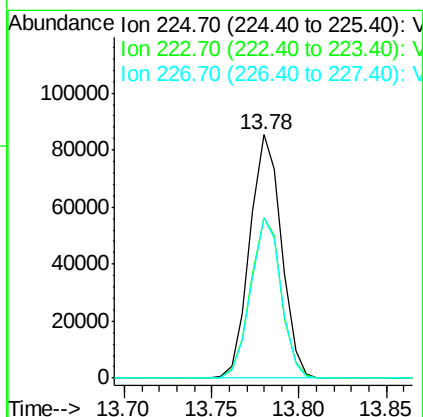
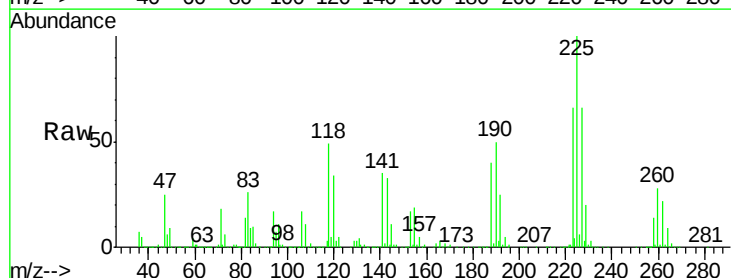
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

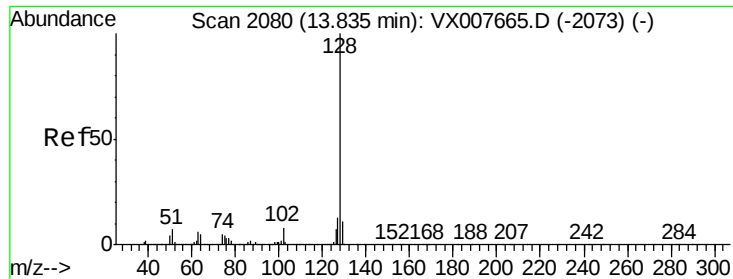
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.3	47.8	143.3
145	31.6	14.1	42.2



#94
 Hexachlorobutadiene
 Concen: 45.723 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007728.D
 Acq: 26 Feb 2019 21:46

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	31.6	94.8
227	63.0	32.1	96.3





#95

Naphthalene

Concen: 51.130 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

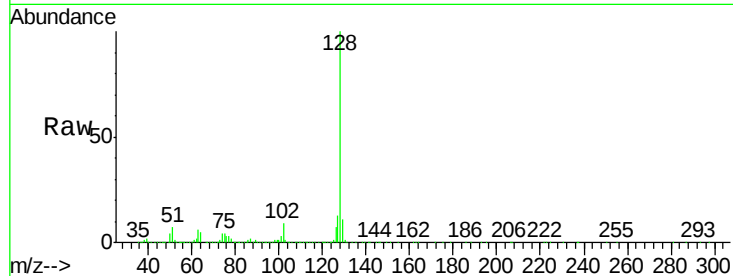
Tot Ion:128 Resp: 847763

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

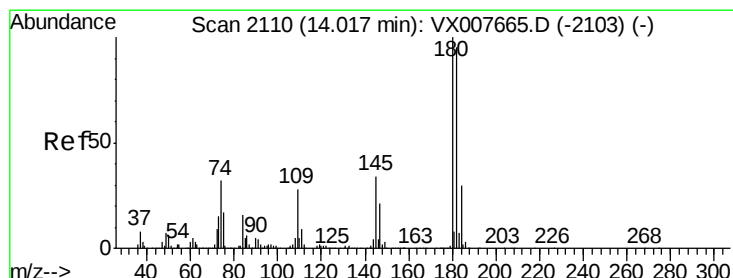
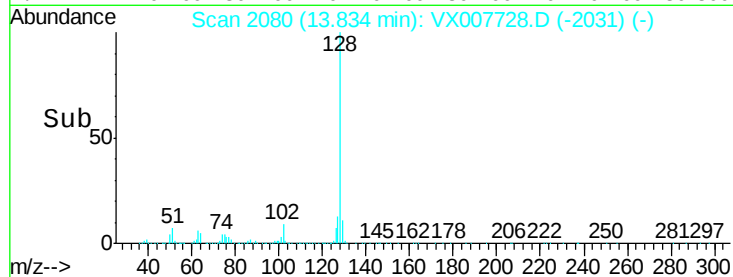
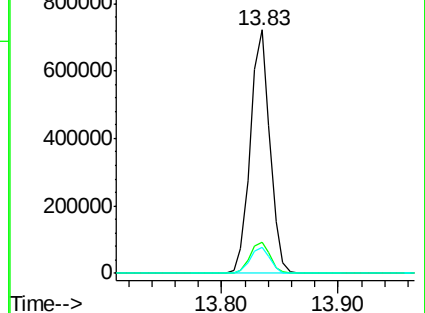
129 10.9 8.7 13.1



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: 48.537 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

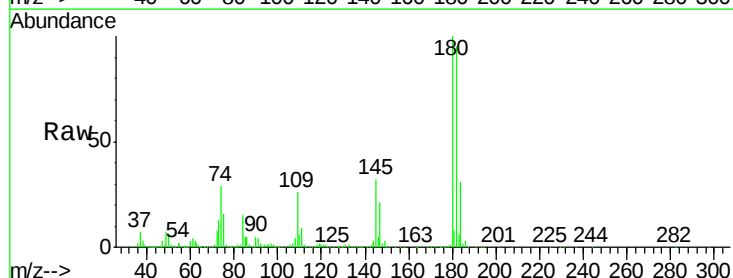
Tgt Ion:180 Resp: 249415

Ion Ratio Lower Upper

180 100

182 93.6 47.5 142.6

145 32.3 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

