

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX073019\
 Data File : VX011213.D
 Acq On : 30 Jul 2019 22:21
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 31 08:44:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	188165	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	285593	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	271739	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	150620	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	105878	52.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.78%	
35) Dibromofluoromethane	5.49	113	90882	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
50) Toluene-d8	8.71	98	338045	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	
62) 4-Bromofluorobenzene	11.13	95	132654	53.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	93056	46.418	ug/l	100
3) Chloromethane	1.32	50	80587	46.572	ug/l	97
4) Vinyl Chloride	1.41	62	89564	50.746	ug/l	98
5) Bromomethane	1.64	94	43337	43.572	ug/l	98
6) Chloroethane	1.71	64	55698	49.659	ug/l	97
7) Trichlorofluoromethane	1.92	101	153624	51.420	ug/l	98
8) Diethyl Ether	2.19	74	52217	50.727	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	81794	47.949	ug/l	99
10) Methyl Iodide	2.51	142	94339	42.142	ug/l	98
11) Tert butyl alcohol	3.06	59	114415	245.421	ug/l	99
12) 1,1-Dichloroethene	2.37	96	79243	47.280	ug/l	92
13) Acrolein	2.29	56	53902	200.117	ug/l	98
14) Allyl chloride	2.73	41	119727	49.179	ug/l	97
15) Acrylonitrile	3.14	53	248879	264.191	ug/l	99
16) Acetone	2.45	43	214334	237.068	ug/l	95
17) Carbon Disulfide	2.57	76	168004	39.077	ug/l	99
18) Methyl Acetate	2.78	43	122127	59.323	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	291682	54.060	ug/l	98
20) Methylene Chloride	2.85	84	93738	48.924	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	86549	48.668	ug/l	96
22) Diisopropyl ether	3.85	45	273933	53.351	ug/l	98
23) Vinyl Acetate	3.82	43	1145629	263.336	ug/l	99
24) 1,1-Dichloroethane	3.70	63	154903	51.948	ug/l	99
25) 2-Butanone	4.67	43	345941	266.553	ug/l	98
26) 2,2-Dichloropropane	4.59	77	100919	41.219	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	103477	50.277	ug/l	98
28) Bromochloromethane	5.02	49	71375	50.795	ug/l	97
29) Tetrahydrofuran	5.13	42	218337	265.585	ug/l	99
30) Chloroform	5.21	83	170387	52.865	ug/l	99
31) Cyclohexane	5.57	56	126251	46.451	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	148282	53.177	ug/l	100
36) 1,1-Dichloropropene	5.80	75	115818	49.371	ug/l	99
37) Ethyl Acetate	4.83	43	126773	52.776	ug/l	99
38) Carbon Tetrachloride	5.79	117	127254	52.057	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	134964	44.364	ug/l	96
40) Benzene	6.14	78	357215	49.710	ug/l	99
41) Methacrylonitrile	5.04	41	72392	53.088	ug/l	96
42) 1,2-Dichloroethane	6.20	62	132697	53.110	ug/l	99
43) Isopropyl Acetate	6.45	43	207439	52.519	ug/l	99
44) Trichloroethene	7.21	130	104020	48.903	ug/l	97
45) 1,2-Dichloropropane	7.51	63	92568	50.612	ug/l	98
46) Dibromomethane	7.66	93	68088	52.099	ug/l	99
47) Bromodichloromethane	7.90	83	124045	53.320	ug/l	96
48) Methyl methacrylate	7.77	41	103459	53.769	ug/l	97
49) 1,4-Dioxane	7.74	88	52351	972.651	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	710748	277.591	ug/l	100
52) Toluene	8.78	92	236644	50.130	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	131892	52.726	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	142315	51.128	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	101695	52.320	ug/l	96
56) Ethyl methacrylate	9.18	69	158147	55.623	ug/l	99
57) 1,3-Dichloropropane	9.37	76	161172	52.270	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	362514	267.099	ug/l	99
59) 2-Hexanone	9.49	43	551972	277.945	ug/l	99
60) Dibromochloromethane	9.58	129	110130	49.270	ug/l	99
61) 1,2-Dibromoethane	9.67	107	110541	53.588	ug/l	100
64) Tetrachloroethene	9.34	164	102739	48.060	ug/l	98
65) Chlorobenzene	10.13	112	278261	49.856	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	102415	52.211	ug/l	99
67) Ethyl Benzene	10.25	91	476264	50.133	ug/l	98
68) m/p-Xylenes	10.36	106	364829	100.114	ug/l	98
69) o-Xylene	10.69	106	180353	50.711	ug/l	99
70) Styrene	10.71	104	315957	53.293	ug/l	99
71) Bromoform	10.85	173	84370	47.379	ug/l #	99
73) Isopropylbenzene	11.02	105	489636	48.110	ug/l	100
74) N-amyl acetate	10.90	43	197063	50.676	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	163754	49.166	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	178220	65.570	ug/l	83
77) Bromobenzene	11.26	156	133872	47.688	ug/l	97
78) n-propylbenzene	11.36	91	552718	49.152	ug/l	99
79) 2-Chlorotoluene	11.42	91	328944	48.695	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	421390	49.551	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	43587	41.375	ug/l	95
82) 4-Chlorotoluene	11.51	91	390981	49.728	ug/l	100
83) tert-Butylbenzene	11.77	119	413774	49.534	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	428818	50.029	ug/l	100
85) sec-Butylbenzene	11.94	105	493786	50.449	ug/l	99
86) p-Isopropyltoluene	12.06	119	459072	50.733	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	243399	49.961	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	244131	48.860	ug/l	99
89) n-Butylbenzene	12.38	91	406483	52.507	ug/l	100
90) Hexachloroethane	12.60	117	68936	48.300	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	238238	49.342	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	37397	53.716	ug/l	97

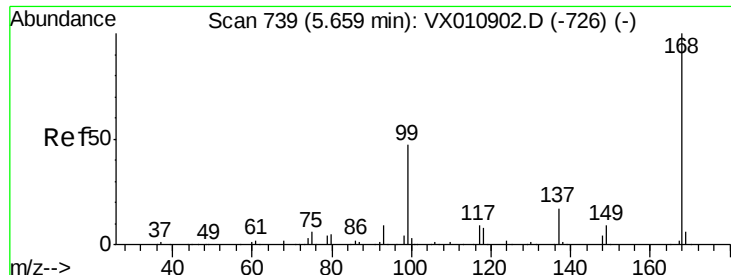
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX073019\
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QLast Update : Wed Jul 24 05:39:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	176435	53.920	ug/l	98
94) Hexachlorobutadiene	13.78	225	80481	49.632	ug/l	98
95) Naphthalene	13.83	128	557254	57.671	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	174767	53.679	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

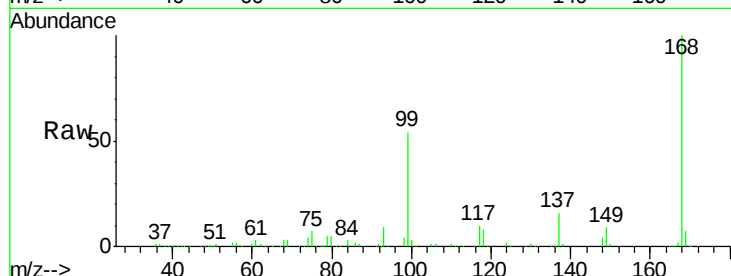
VSTDCCC050EC

Tgt Ion: 168 Resp: 188165

Ion Ratio Lower Upper

168 100

99 53.6 37.6 56.4

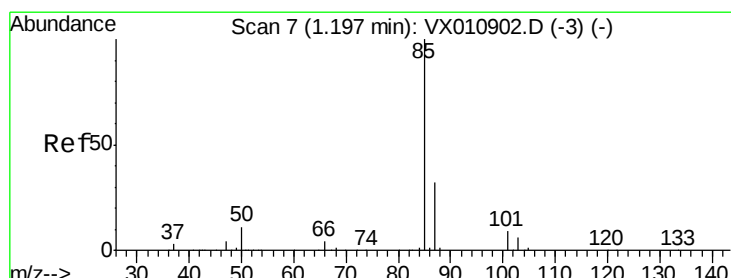
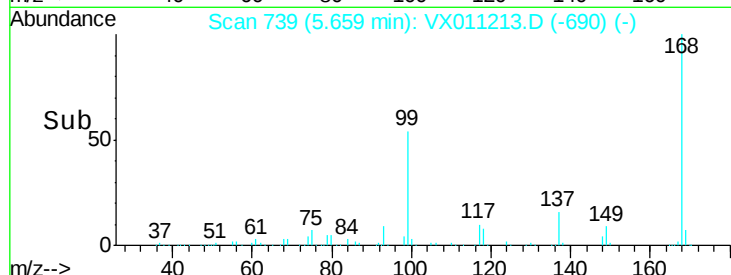


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

Time-->



#2

Dichlorodifluoromethane

Concen: 46.418 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX011213.D

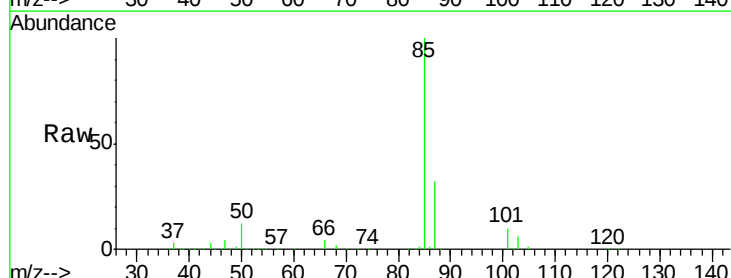
Acq: 30 Jul 2019 22:21

Tgt Ion: 85 Resp: 93056

Ion Ratio Lower Upper

85 100

87 31.9 15.9 47.7

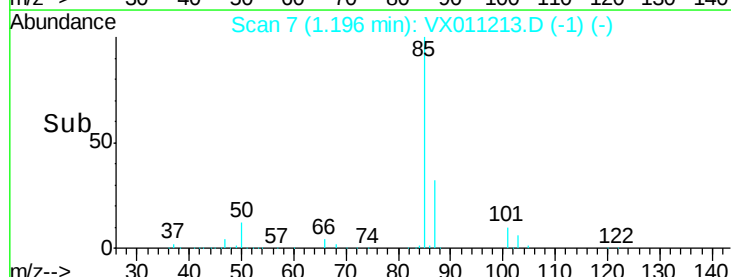


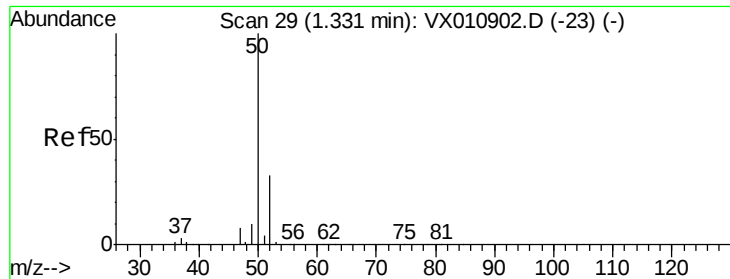
Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

Time-->





#3

Chloromethane

Concen: 46.572 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

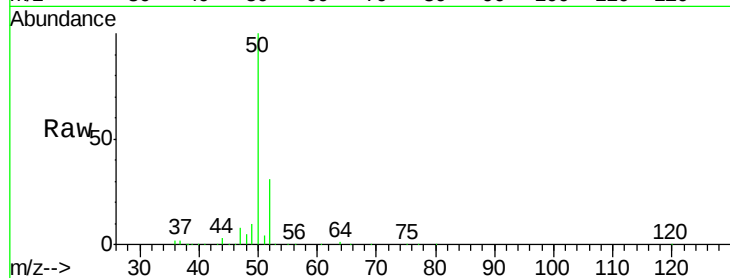
VSTDCCC050EC

Tgt Ion: 50 Resp: 80587

Ion Ratio Lower Upper

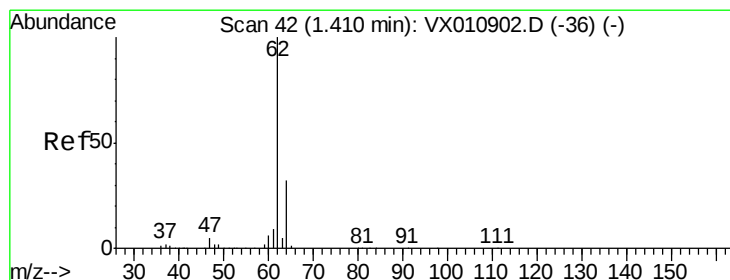
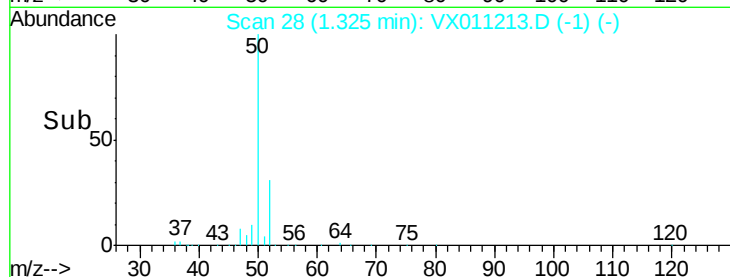
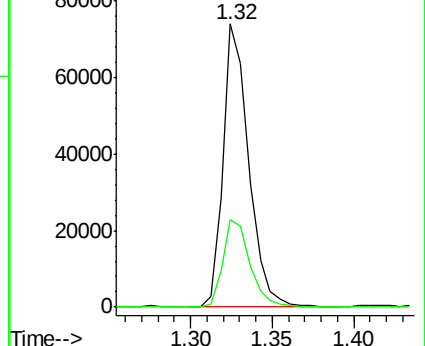
50 100

52 31.1 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 50.746 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX011213.D

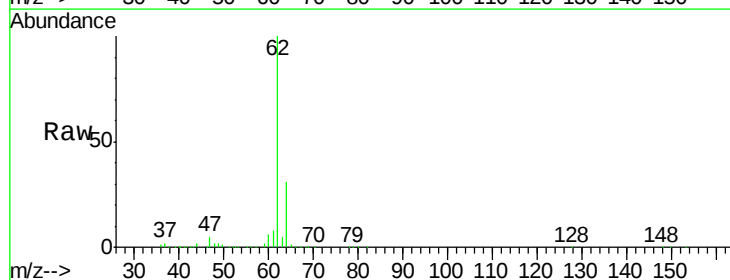
Acq: 30 Jul 2019 22:21

Tgt Ion: 62 Resp: 89564

Ion Ratio Lower Upper

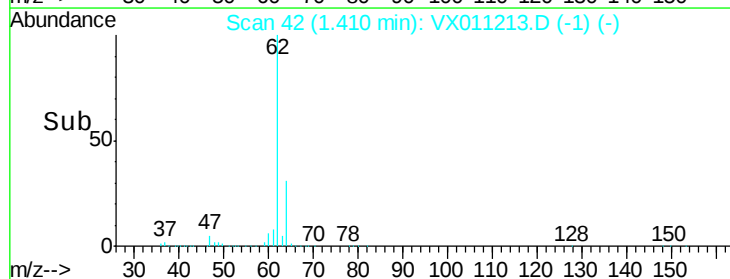
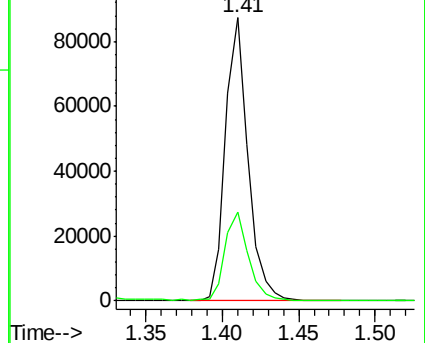
62 100

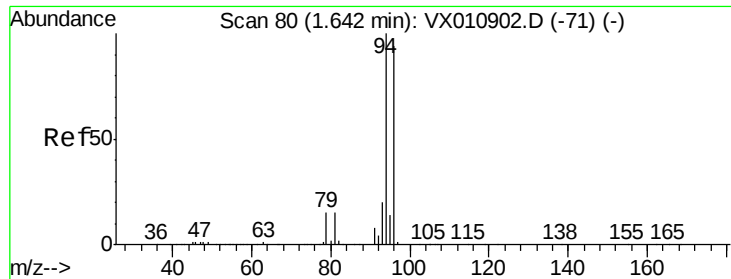
64 31.0 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 43.572 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

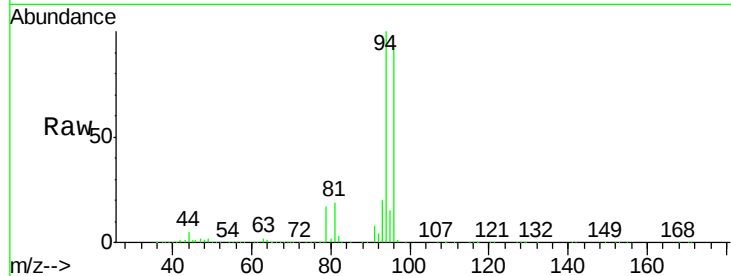
VSTDCCC050EC

Tgt Ion: 94 Resp: 43337

Ion Ratio Lower Upper

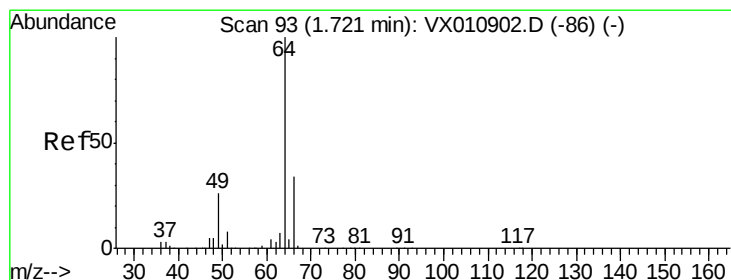
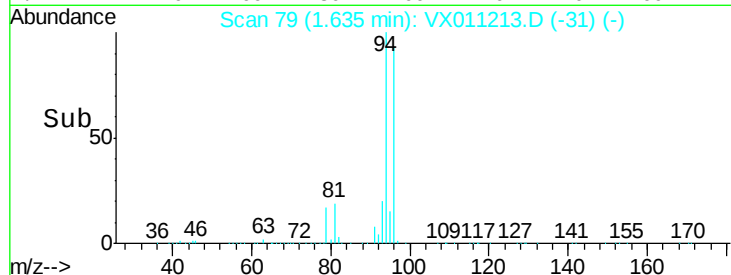
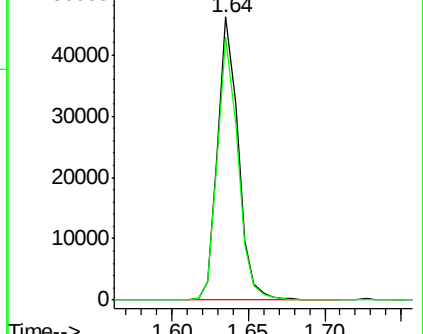
94 100

96 92.8 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.659 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX011213.D

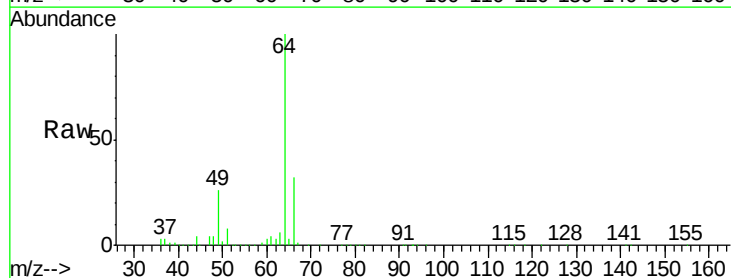
Acq: 30 Jul 2019 22:21

Tgt Ion: 64 Resp: 55698

Ion Ratio Lower Upper

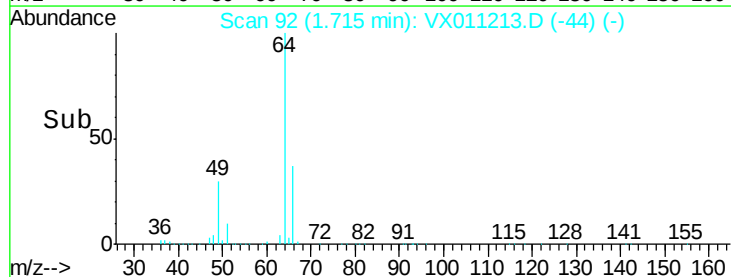
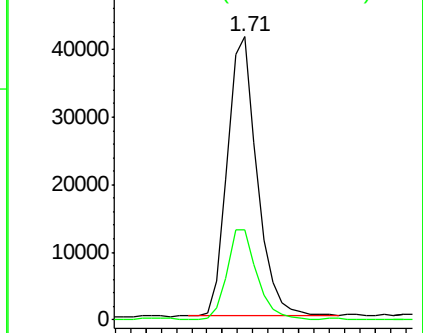
64 100

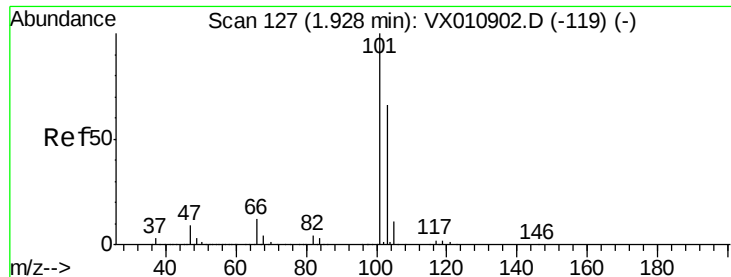
66 32.1 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



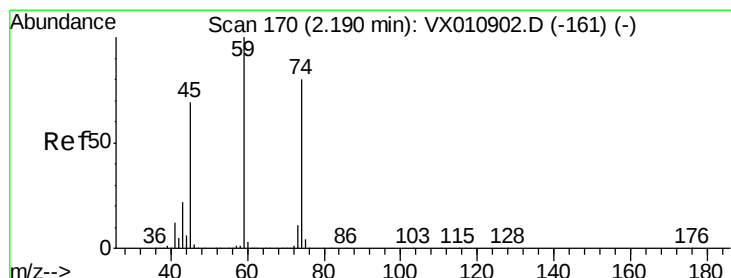
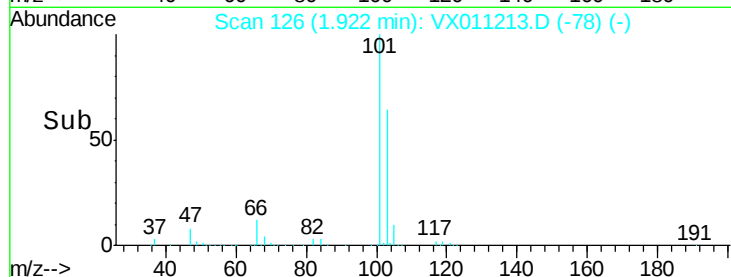
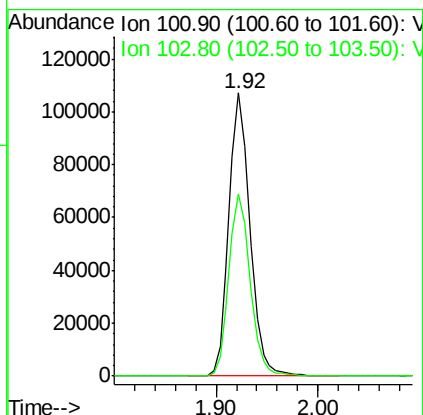
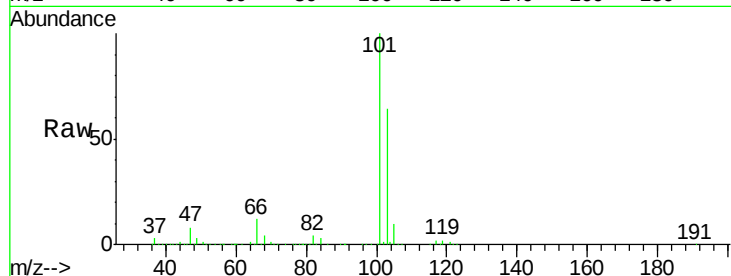


#7

Trichlorofluoromethane
Concen: 51.420 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX011213.D
Acq: 30 Jul 2019 22:21

Instrument :
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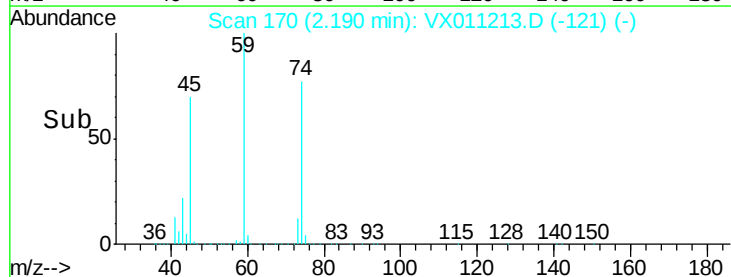
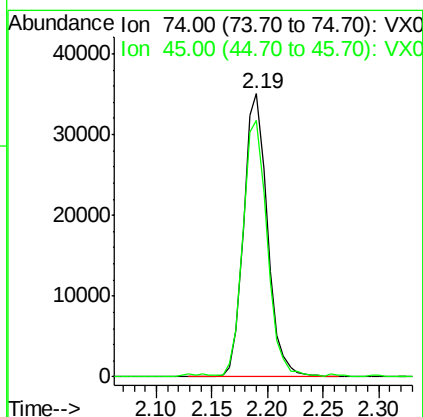
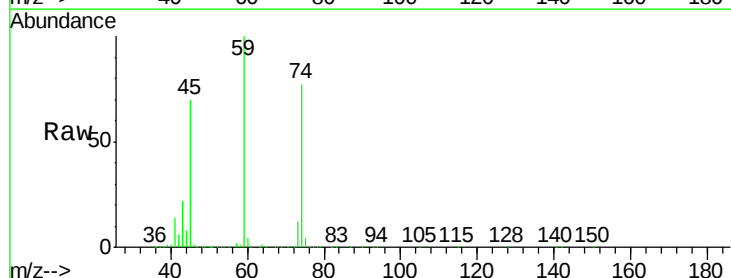
Tgt Ion: 101 Resp: 153624
Ion Ratio Lower Upper
101 100
103 64.3 52.6 78.8

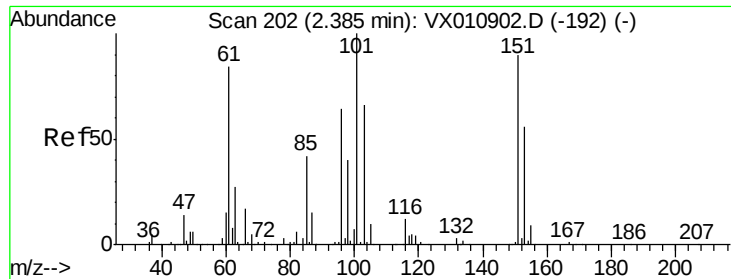


#8

Diethyl Ether
Concen: 50.727 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX011213.D
Acq: 30 Jul 2019 22:21

Tgt Ion: 74 Resp: 52217
Ion Ratio Lower Upper
74 100
45 91.2 45.5 136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.949 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

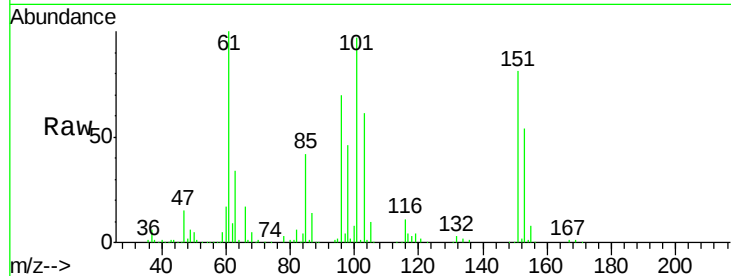
Tgt Ion:101 Resp: 81794

Ion Ratio Lower Upper

101 100

85 45.1 34.6 52.0

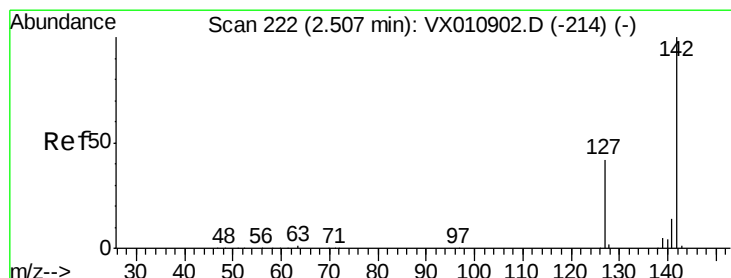
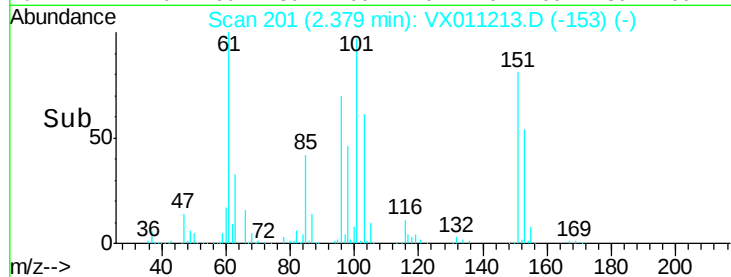
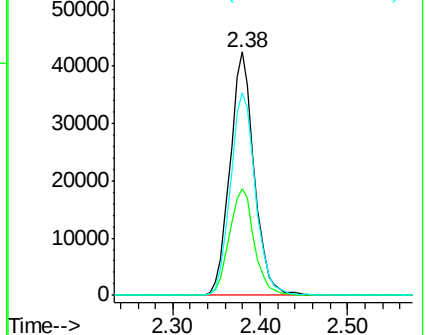
151 86.2 69.6 104.4



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: 42.142 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

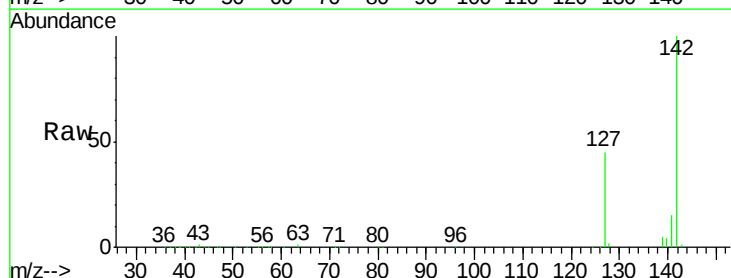
Tgt Ion:142 Resp: 94339

Ion Ratio Lower Upper

142 100

127 44.4 34.2 51.4

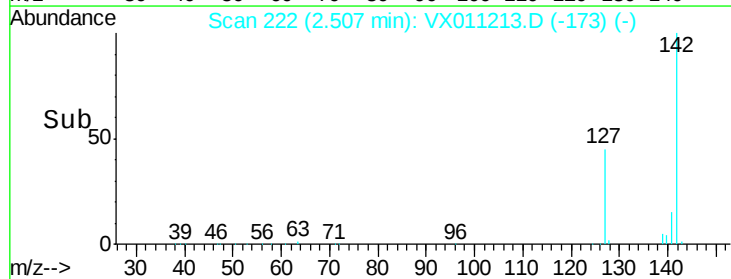
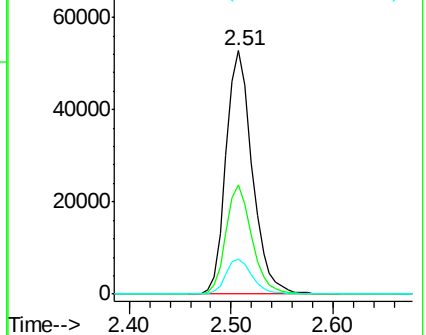
141 14.5 11.7 17.5

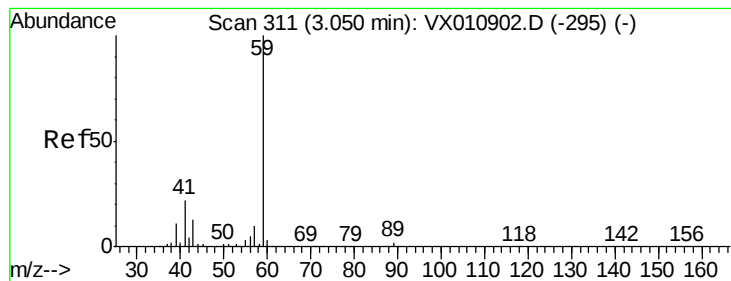


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



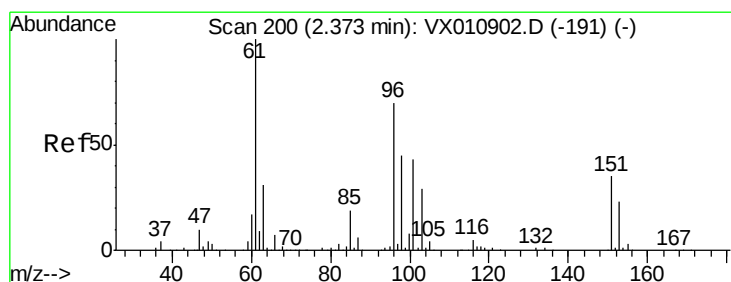
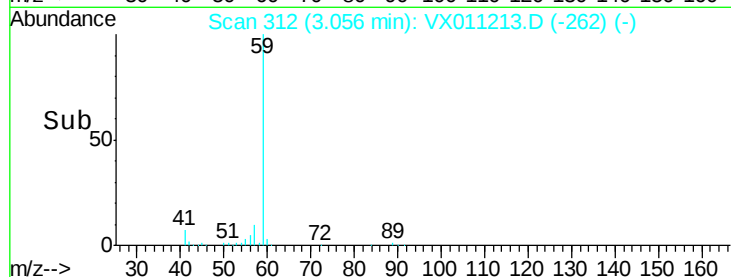
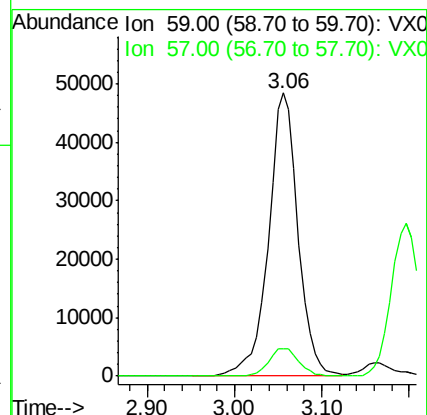
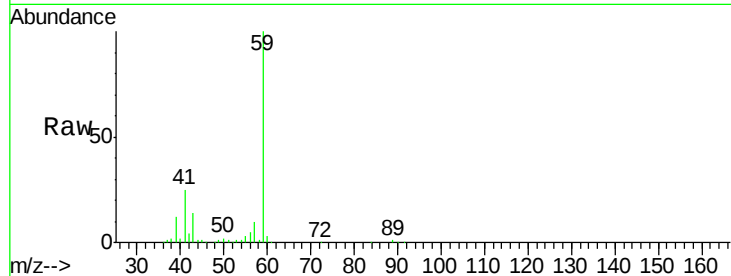


#11

Tert butyl alcohol
Concen: 245.421 ug/l
RT: 3.06 min Scan# 312
Delta R.T. 0.01 min
Lab File: VX011213.D
Acq: 30 Jul 2019 22:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

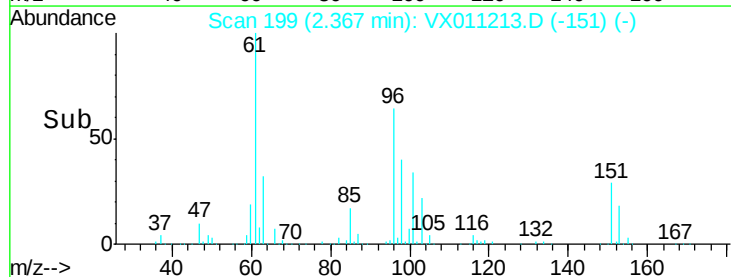
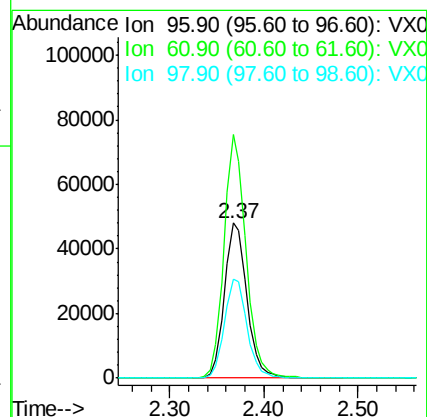
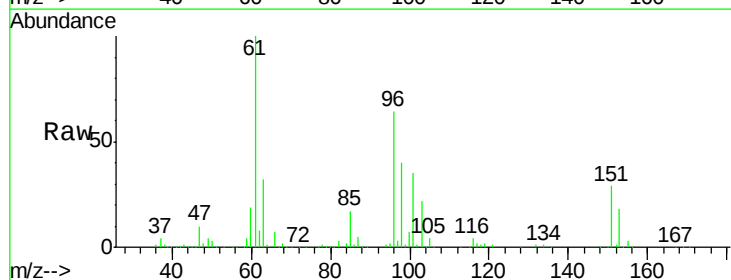
Tgt Ion: 59 Resp: 114415
Ion Ratio Lower Upper
59 100
57 10.2 7.9 11.9

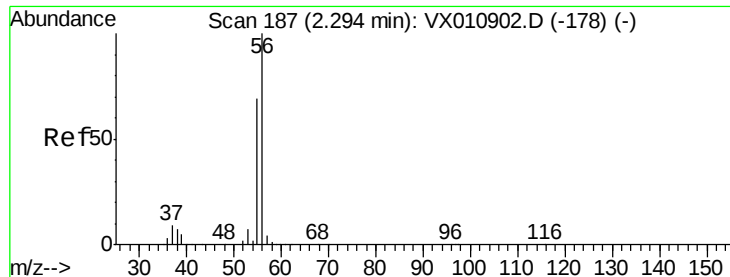


#12

1,1-Dichloroethene
Concen: 47.280 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX011213.D
Acq: 30 Jul 2019 22:21

Tgt Ion: 96 Resp: 79243
Ion Ratio Lower Upper
96 100
61 157.1 115.0 172.4
98 63.7 52.2 78.2





#13

Acrolein

Concen: 200.117 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

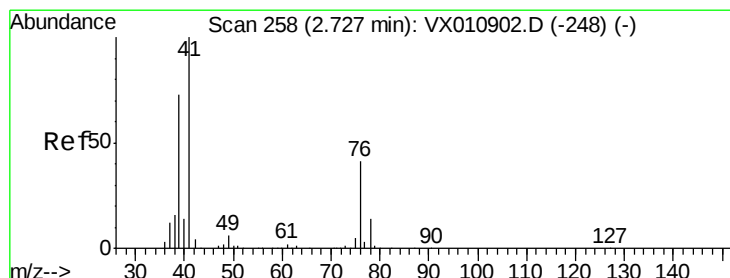
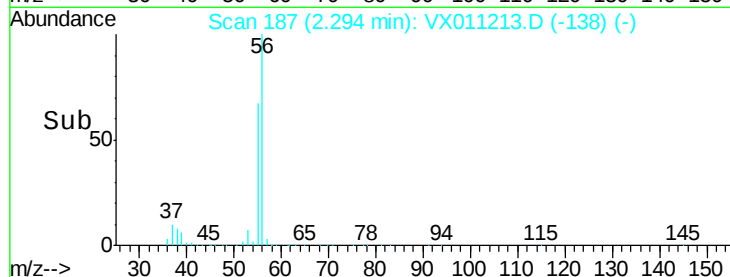
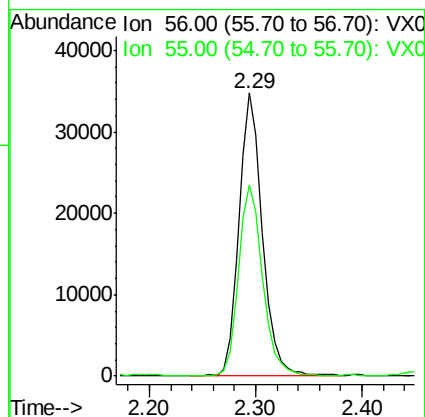
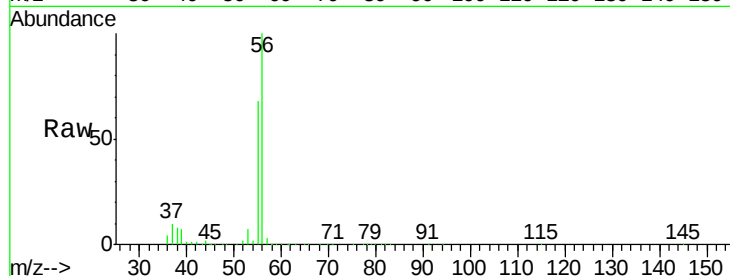
VSTDCCC050EC

Tgt Ion: 56 Resp: 53902

Ion Ratio Lower Upper

56 100

55 68.2 55.9 83.9



#14

Allyl chloride

Concen: 49.179 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

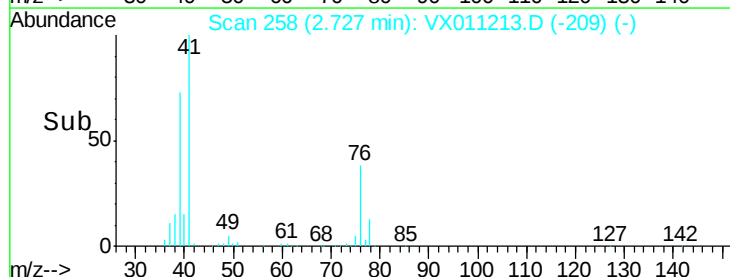
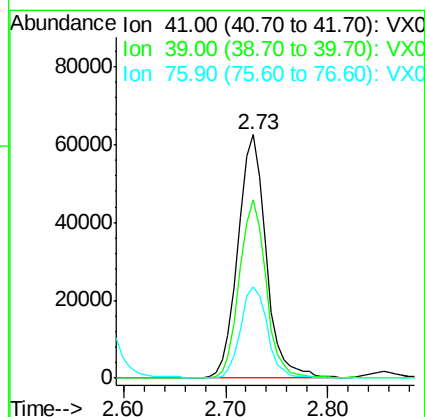
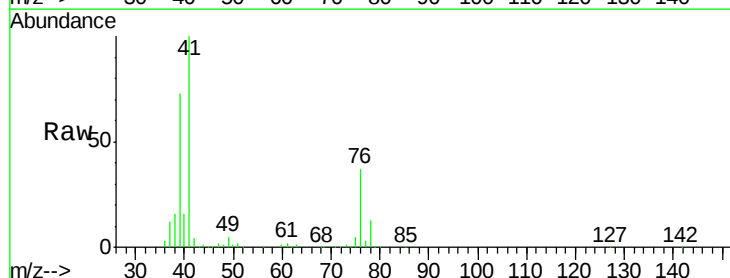
Tgt Ion: 41 Resp: 119727

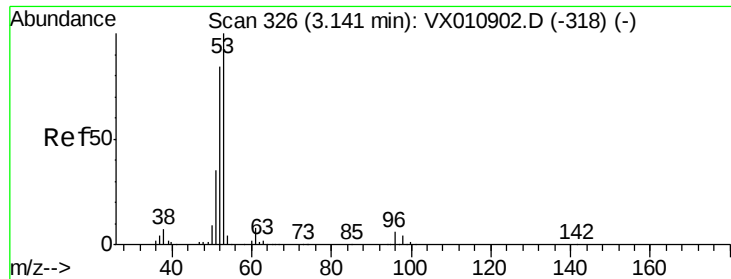
Ion Ratio Lower Upper

41 100

39 69.8 53.6 80.4

76 36.0 29.7 44.5





#15

Acrylonitrile

Concen: 264.191 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

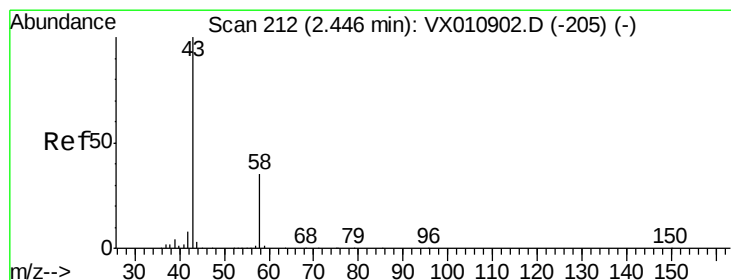
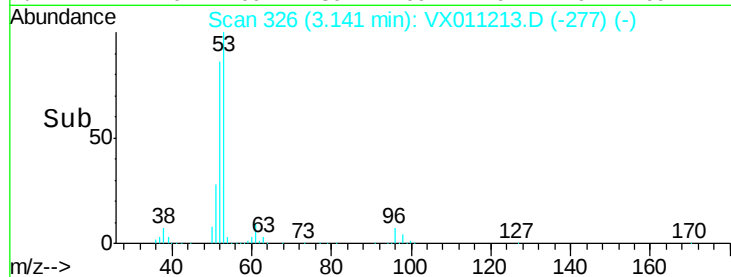
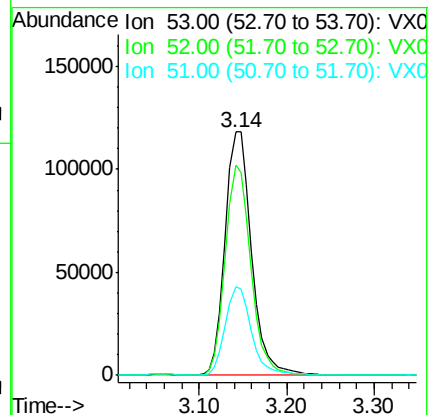
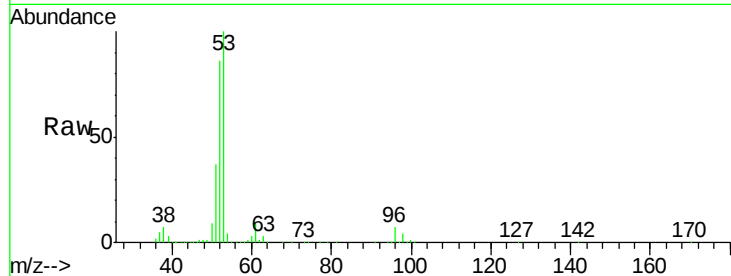
Tgt Ion: 53 Resp: 248879

Ion Ratio Lower Upper

53 100

52 83.7 66.5 99.7

51 36.2 28.2 42.4



#16

Acetone

Concen: 237.068 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX011213.D

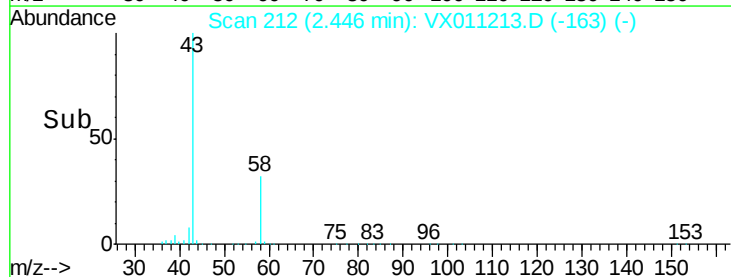
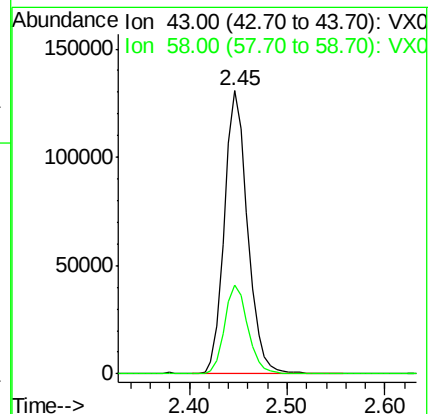
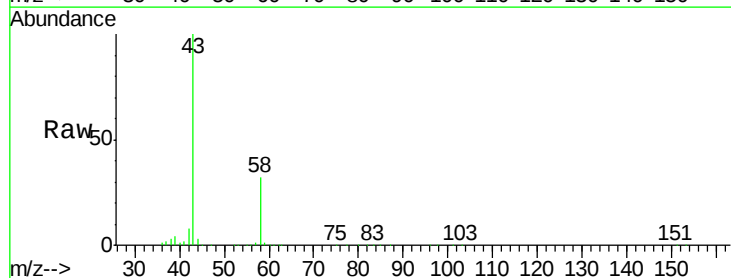
Acq: 30 Jul 2019 22:21

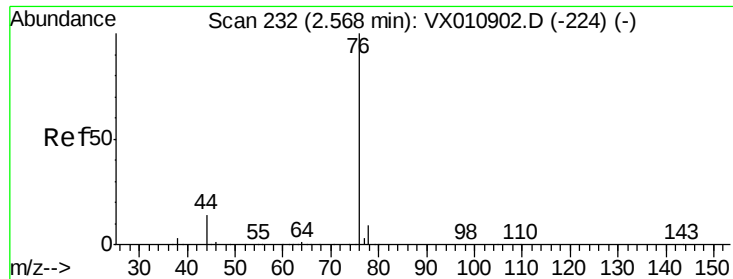
Tgt Ion: 43 Resp: 214334

Ion Ratio Lower Upper

43 100

58 31.5 27.7 41.5

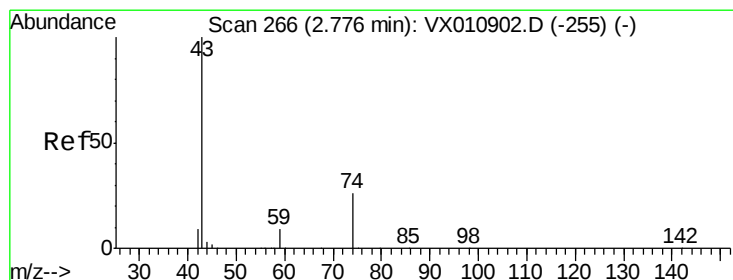
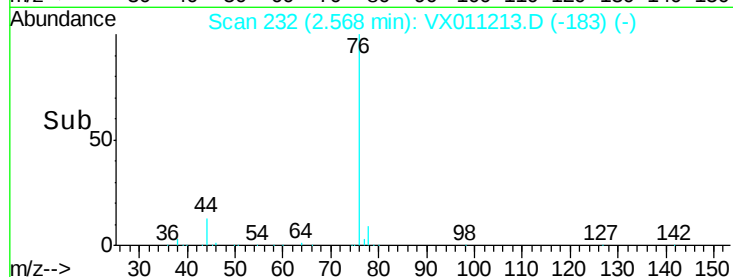
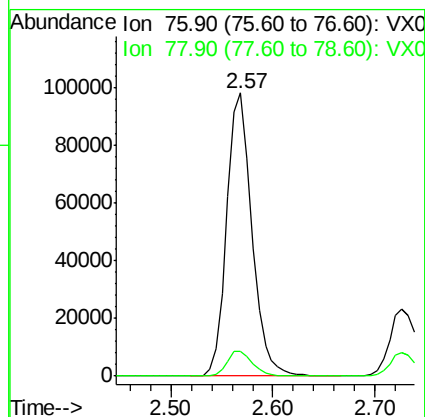
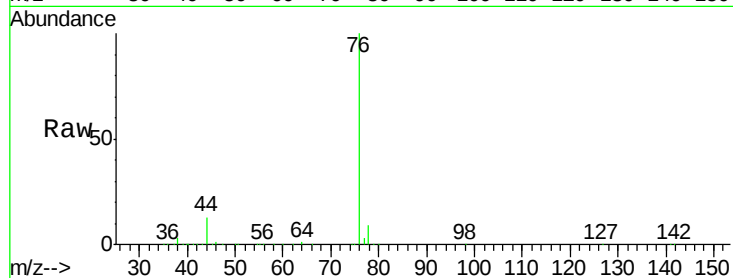




#17
Carbon Disulfide
Concen: 39.077 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX011213.D
Acq: 30 Jul 2019 22:21

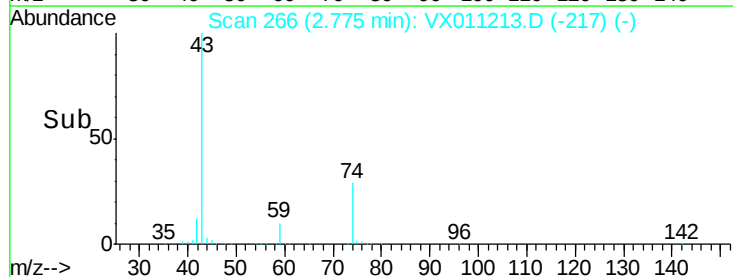
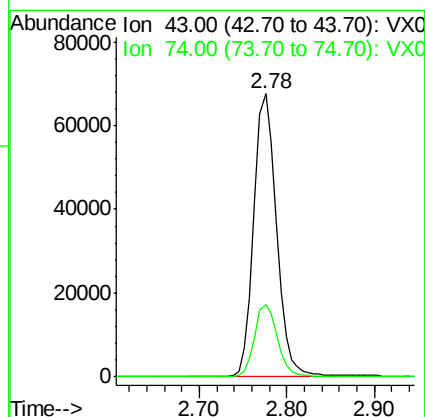
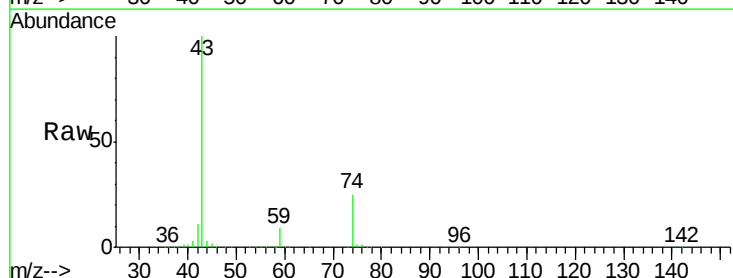
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

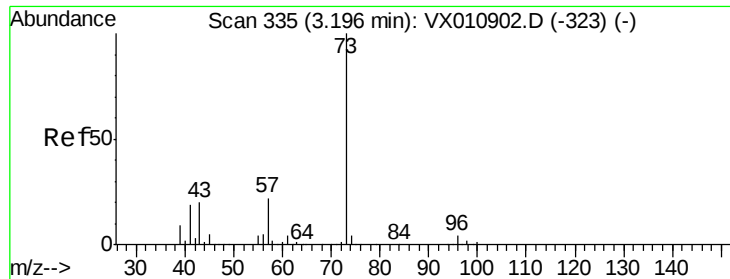
Tgt Ion: 76 Resp: 168004
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0



#18
Methyl Acetate
Concen: 59.323 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX011213.D
Acq: 30 Jul 2019 22:21

Tgt Ion: 43 Resp: 122127
Ion Ratio Lower Upper
43 100
74 26.2 21.5 32.3

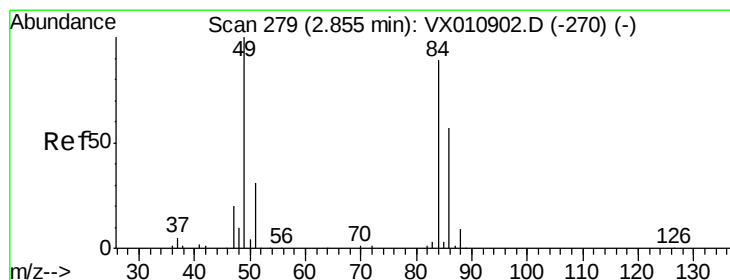
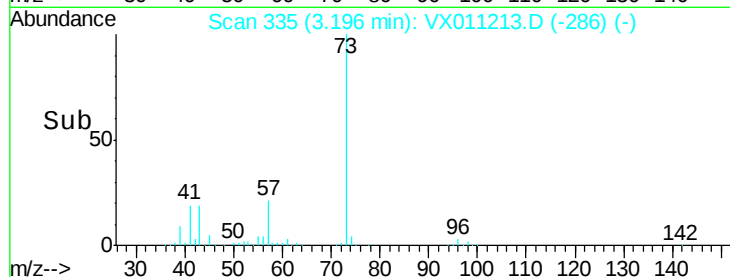
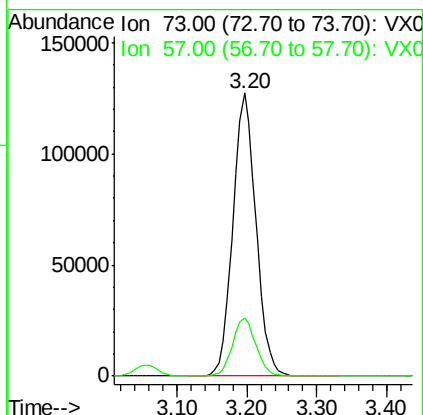
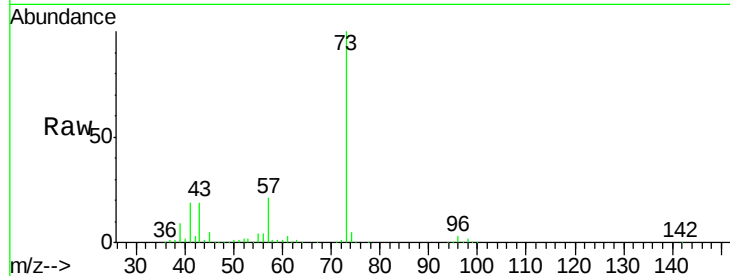




#19
Methyl tert-butyl Ether
Concen: 54.060 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX011213.D
Acq: 30 Jul 2019 22:21

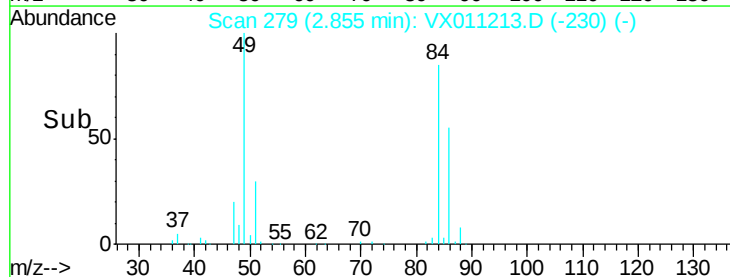
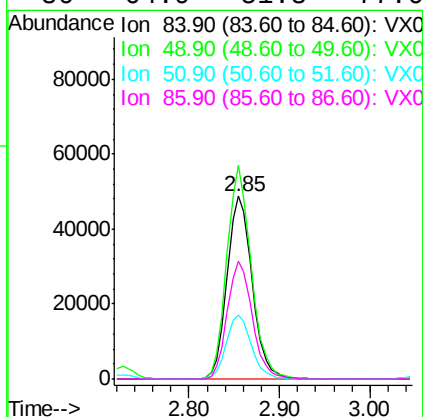
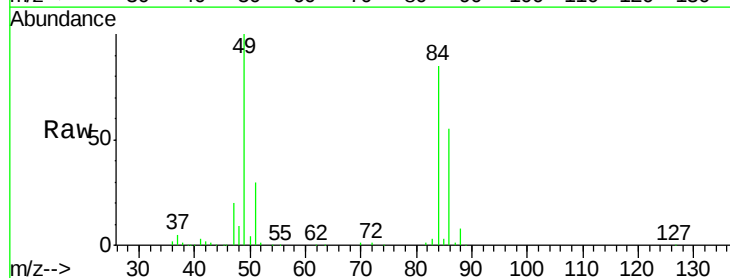
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

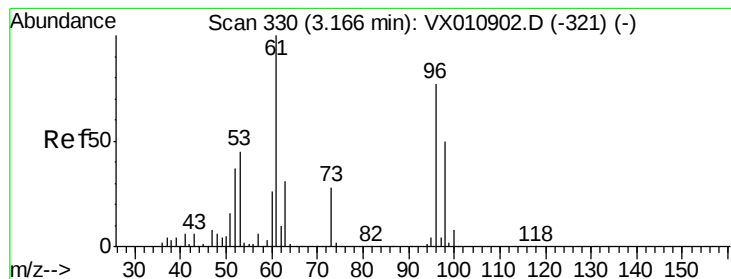
Tgt Ion: 73 Resp: 291682
Ion Ratio Lower Upper
73 100
57 20.5 17.3 25.9



#20
Methylene Chloride
Concen: 48.924 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX011213.D
Acq: 30 Jul 2019 22:21

Tgt Ion: 84 Resp: 93738
Ion Ratio Lower Upper
84 100
49 117.1 89.9 134.9
51 35.3 27.8 41.6
86 64.9 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 48.668 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

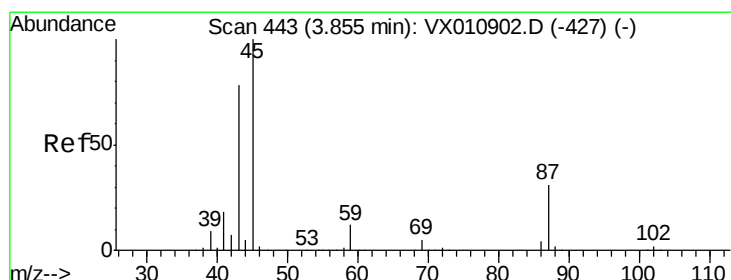
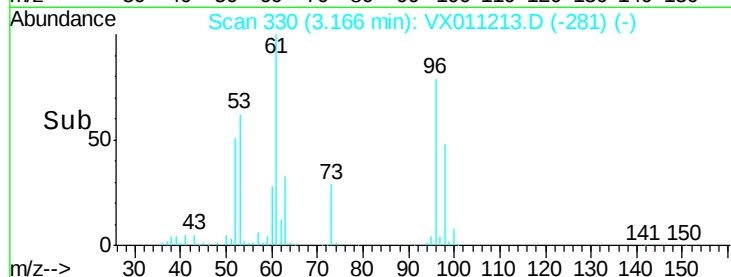
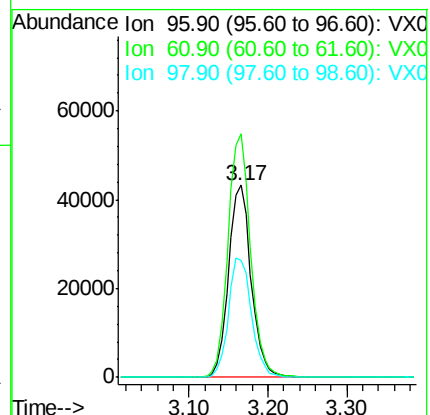
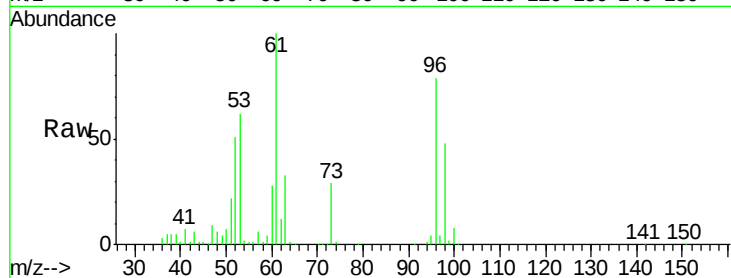
Tgt Ion: 96 Resp: 86549

Ion Ratio Lower Upper

96 100

61 126.8 104.2 156.2

98 60.6 52.2 78.4



#22

Diisopropyl ether

Concen: 53.351 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

Tgt Ion: 45 Resp: 273933

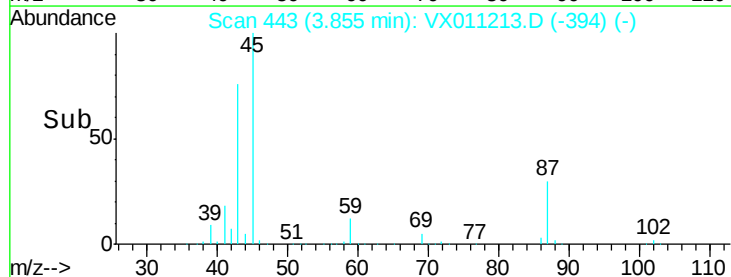
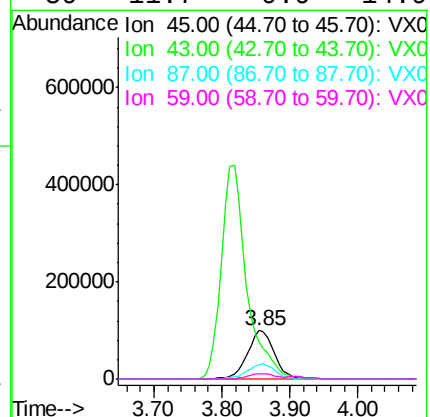
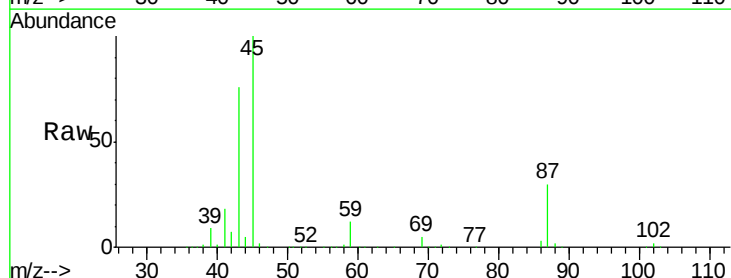
Ion Ratio Lower Upper

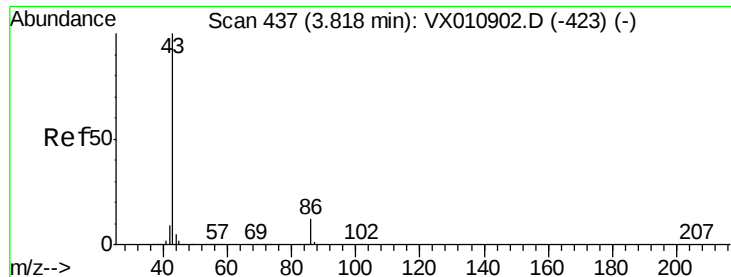
45 100

43 75.9 62.3 93.5

87 30.4 25.0 37.4

59 11.7 9.9 14.9





#23

Vinyl Acetate

Concen: 263.336 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

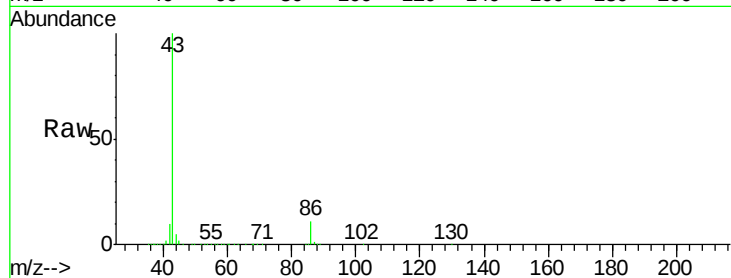
VSTDCCC050EC

Tgt Ion: 43 Resp: 1145629

Ion Ratio Lower Upper

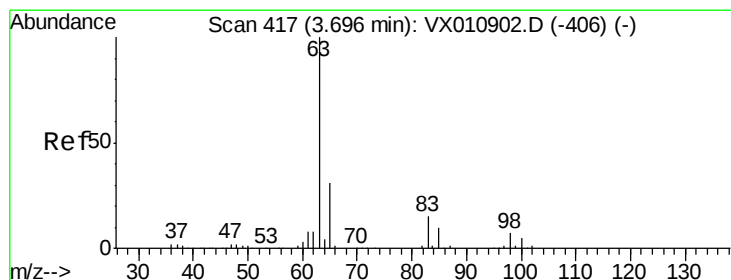
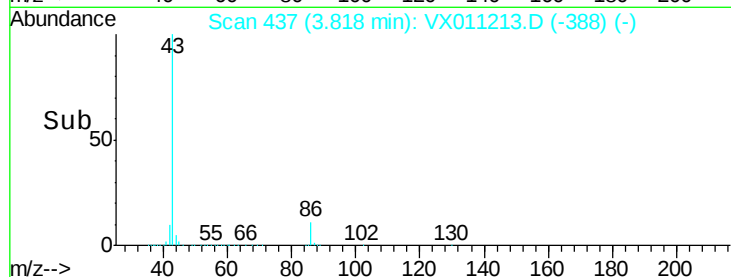
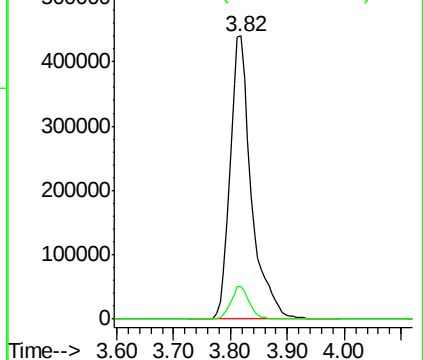
43 100

86 11.3 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 51.948 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

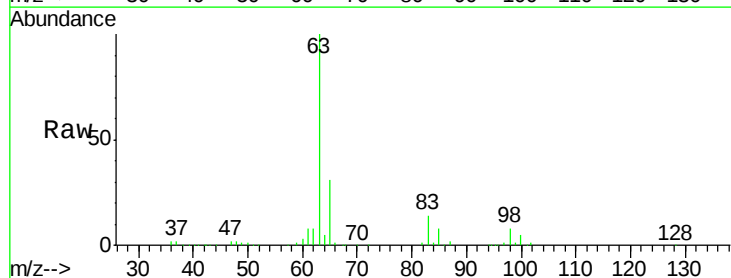
Tgt Ion: 63 Resp: 154903

Ion Ratio Lower Upper

63 100

98 7.6 3.6 10.9

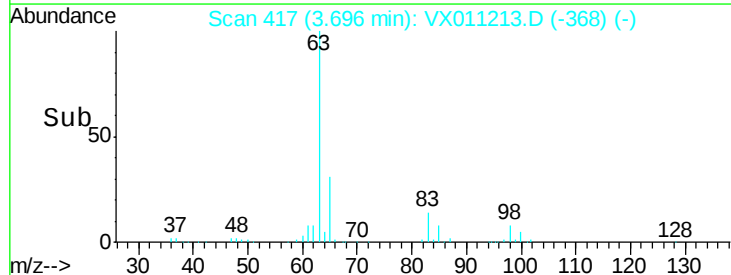
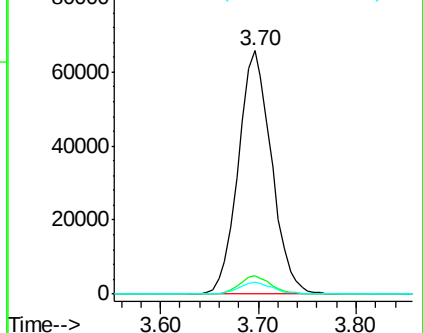
100 4.7 2.4 7.2

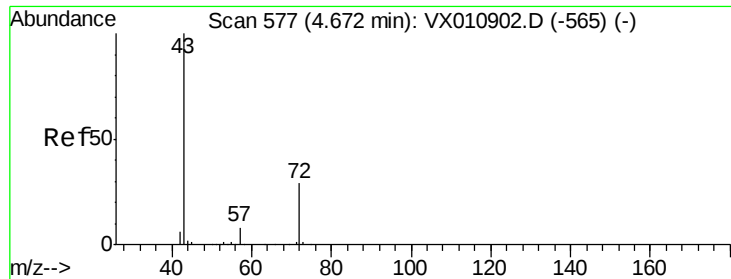


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 266.553 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

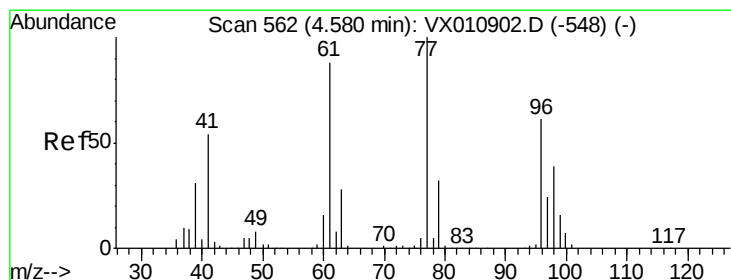
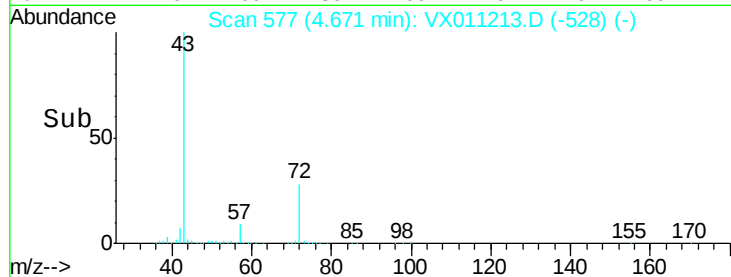
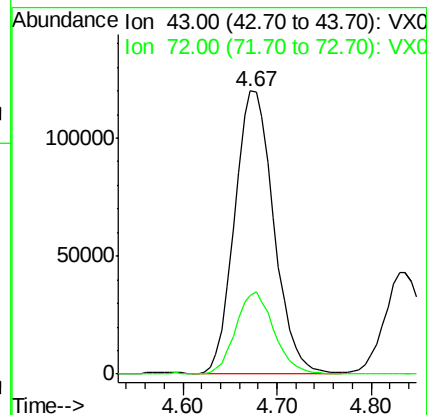
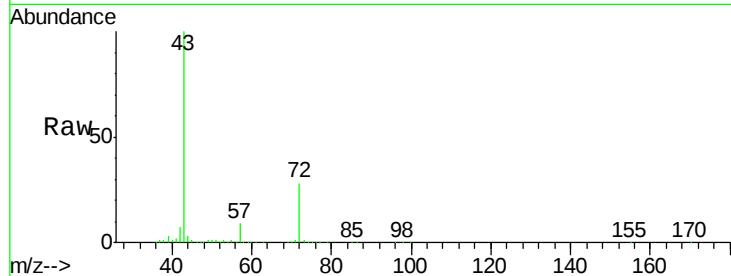
VSTDCCC050EC

Tgt Ion: 43 Resp: 345941

Ion Ratio Lower Upper

43 100

72 27.6 23.0 34.6



#26

2,2-Dichloropropane

Concen: 41.219 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX011213.D

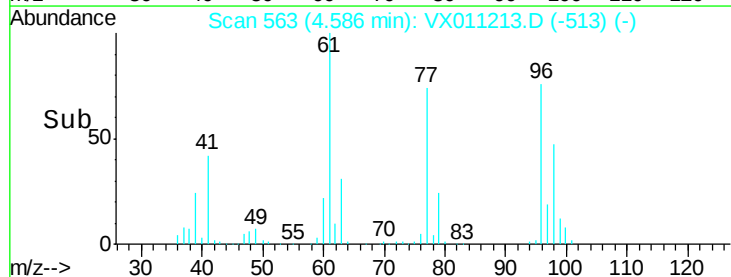
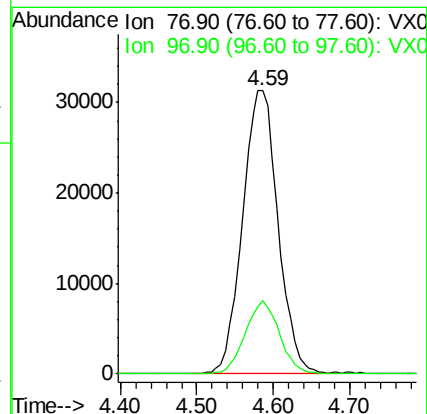
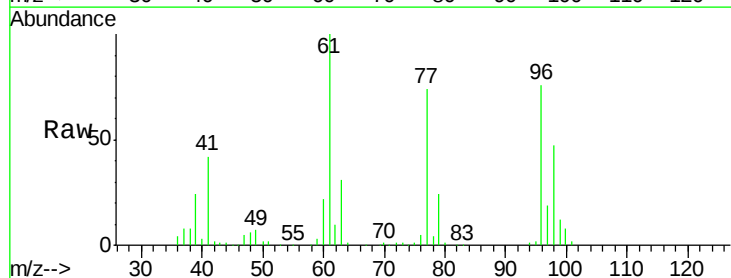
Acq: 30 Jul 2019 22:21

Tgt Ion: 77 Resp: 100919

Ion Ratio Lower Upper

77 100

97 24.9 12.6 37.6



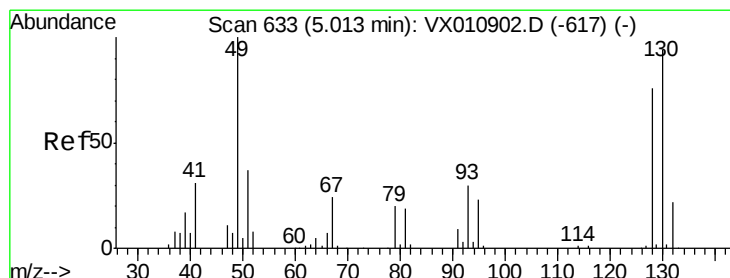
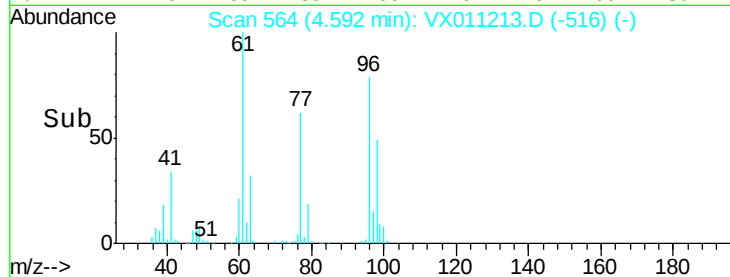
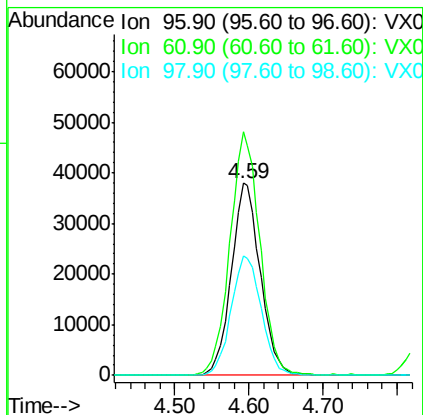
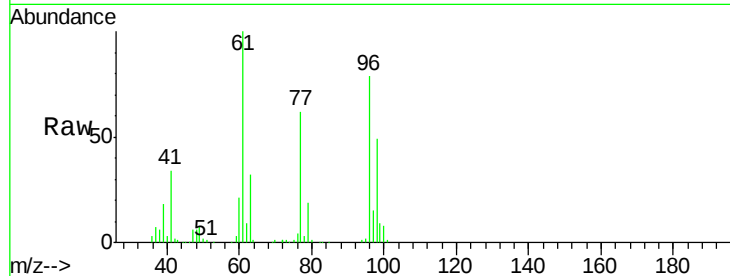


#27

cis-1,2-Dichloroethene
Concen: 50.277 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX011213.D
Acq: 30 Jul 2019 22:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

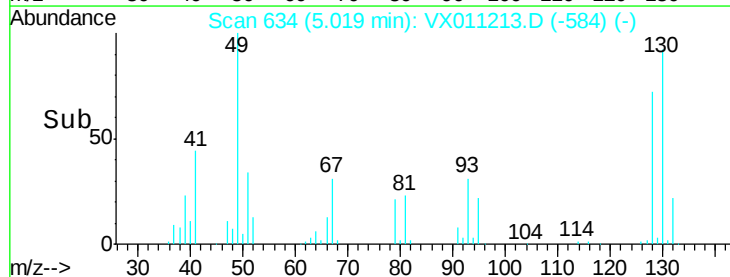
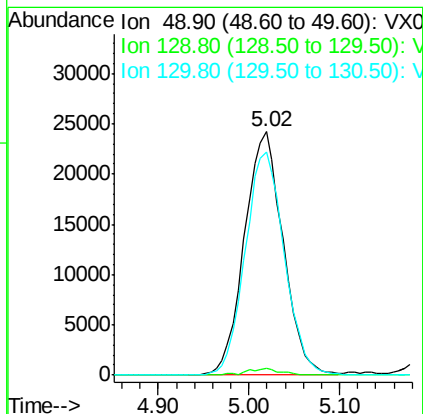
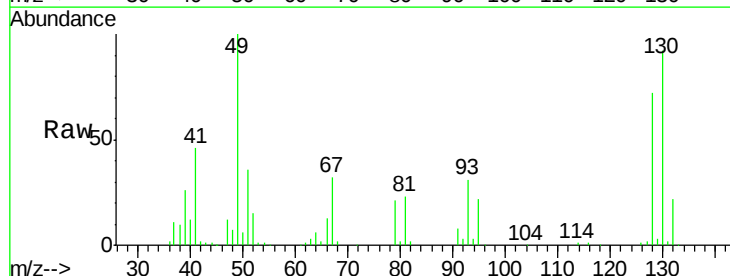
Tgt Ion: 96 Resp: 103477
Ion Ratio Lower Upper
96 100
61 131.2 0.0 269.0
98 64.9 0.0 131.4

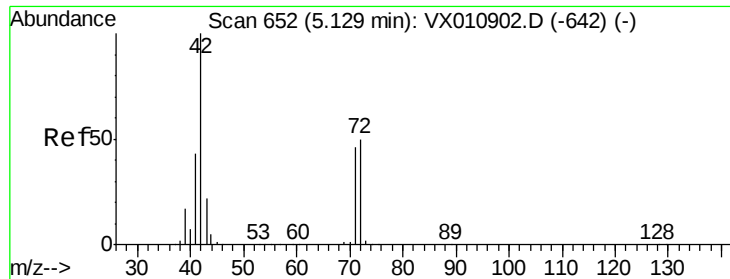


#28

Bromochloromethane
Concen: 50.795 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX011213.D
Acq: 30 Jul 2019 22:21

Tgt Ion: 49 Resp: 71375
Ion Ratio Lower Upper
49 100
129 2.4 0.0 5.2
130 92.7 76.9 115.3

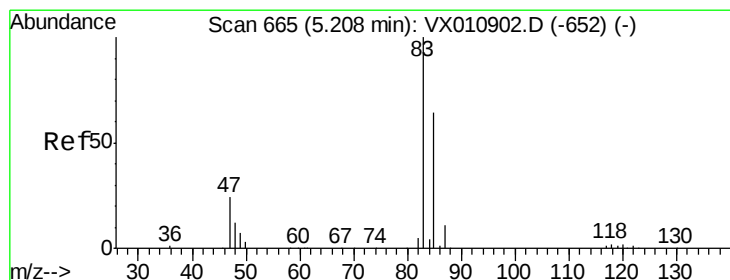
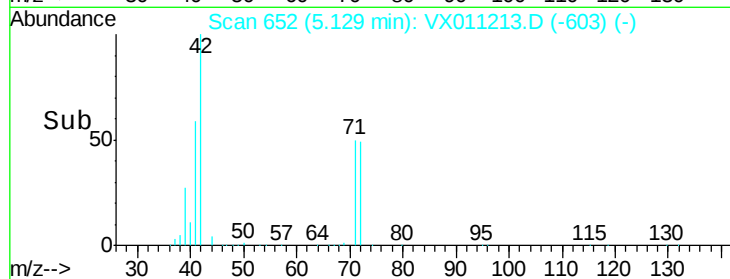
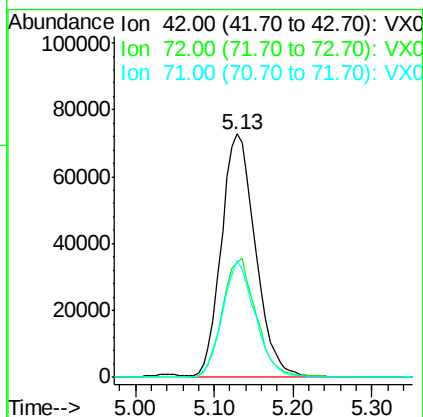
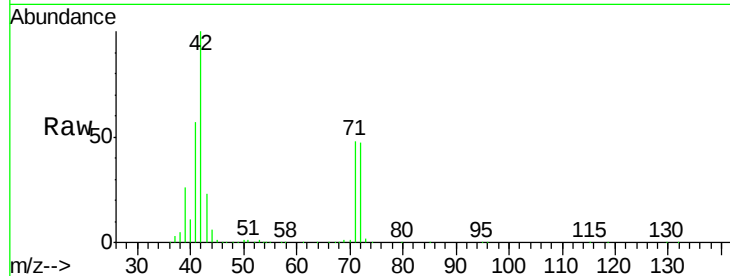




#29
Tetrahydrofuran
Concen: 265.585 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX011213.D
Acq: 30 Jul 2019 22:21

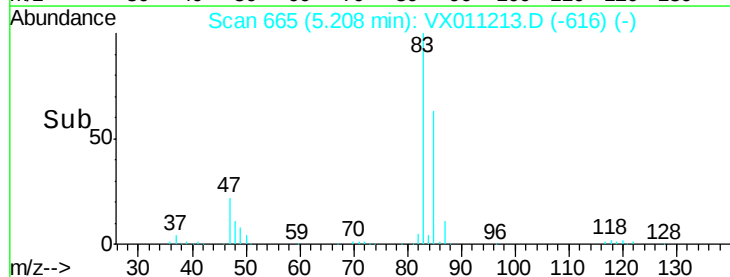
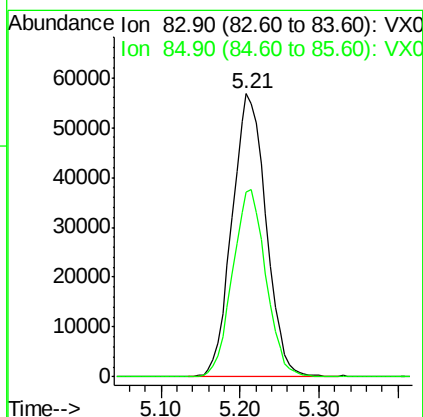
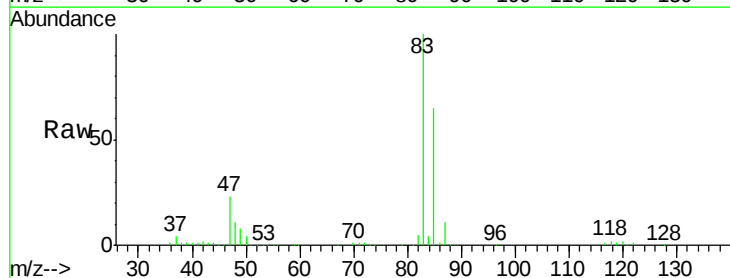
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

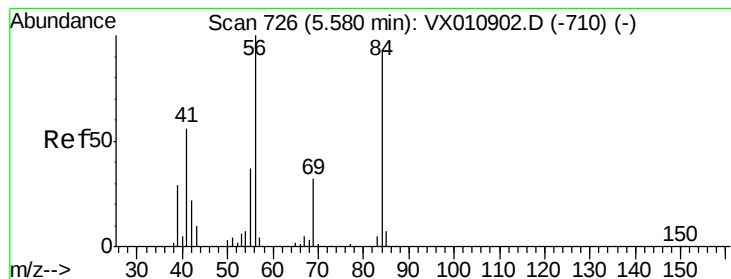
Tgt Ion: 42 Resp: 218337
Ion Ratio Lower Upper
42 100
72 49.0 39.8 59.8
71 46.2 37.0 55.4



#30
Chloroform
Concen: 52.865 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.00 min
Lab File: VX011213.D
Acq: 30 Jul 2019 22:21

Tgt Ion: 83 Resp: 170387
Ion Ratio Lower Upper
83 100
85 65.2 51.4 77.0





#31

Cyclohexane

Concen: 46.451 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

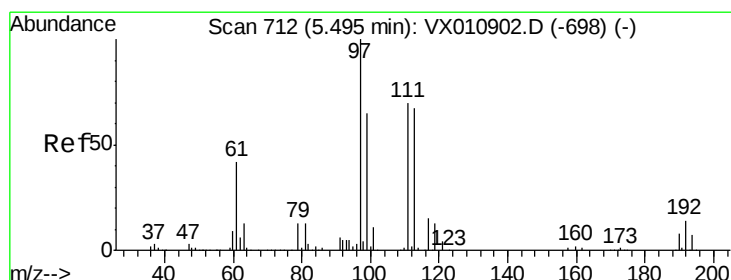
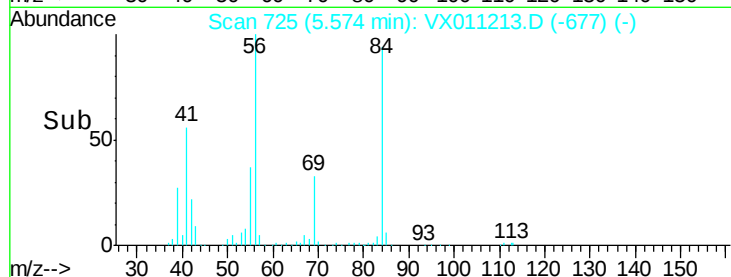
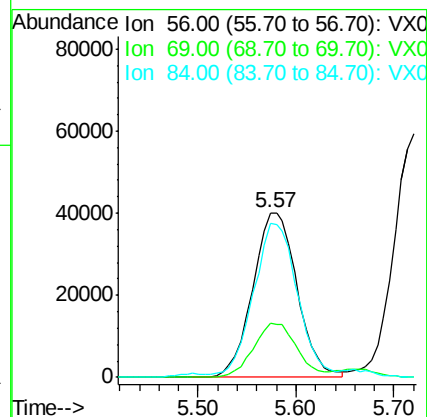
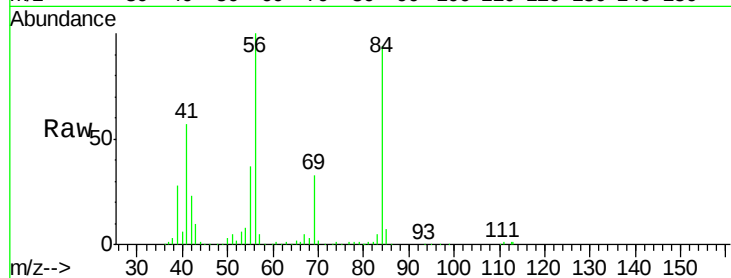
Tgt Ion: 56 Resp: 126251

Ion Ratio Lower Upper

56 100

69 32.8 25.8 38.8

84 91.3 73.8 110.6



#32

1,1,1-Trichloroethane

Concen: 53.177 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

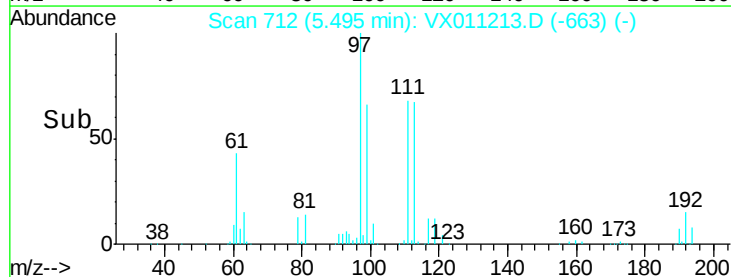
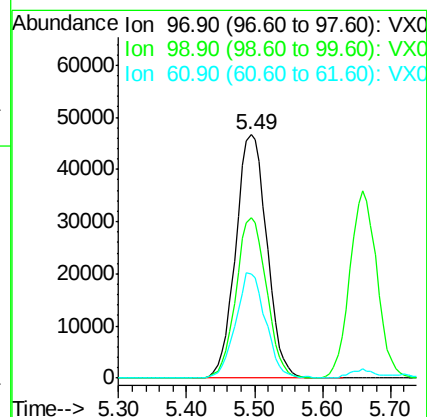
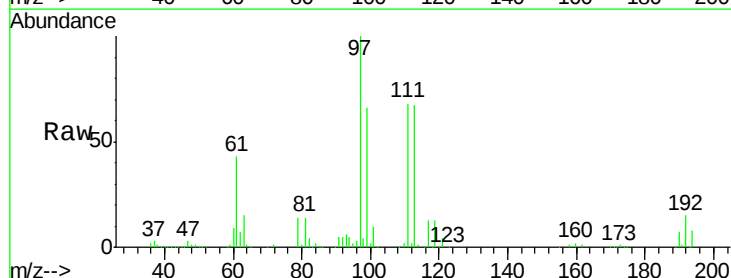
Tgt Ion: 97 Resp: 148282

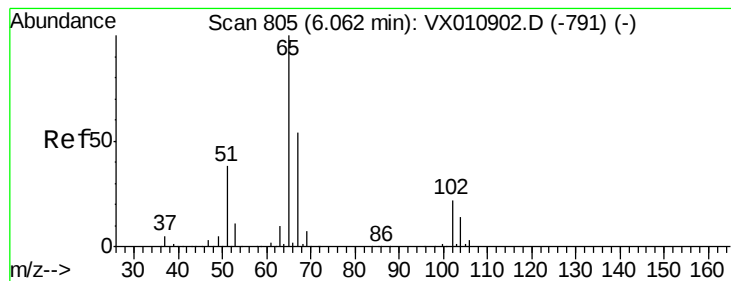
Ion Ratio Lower Upper

97 100

99 64.5 51.4 77.0

61 41.5 33.0 49.6





#33

1,2-Dichloroethane-d4

Concen: 52.892 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

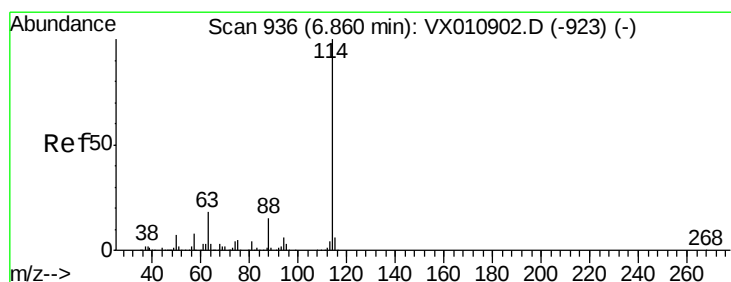
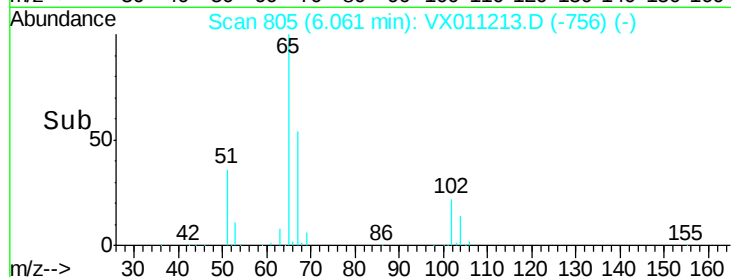
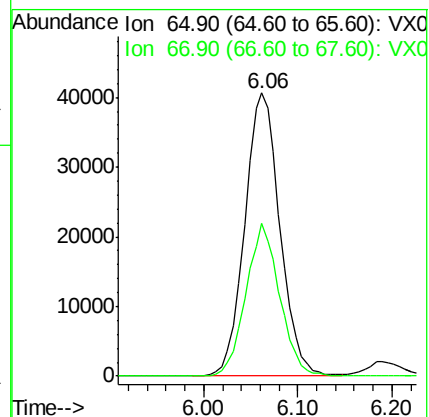
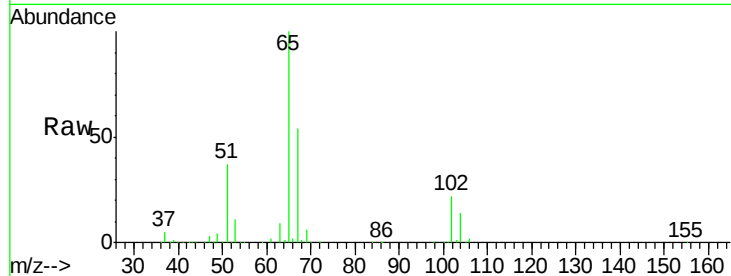
VSTDCCC050EC

Tgt Ion: 65 Resp: 105878

Ion Ratio Lower Upper

65 100

67 51.9 0.0 107.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

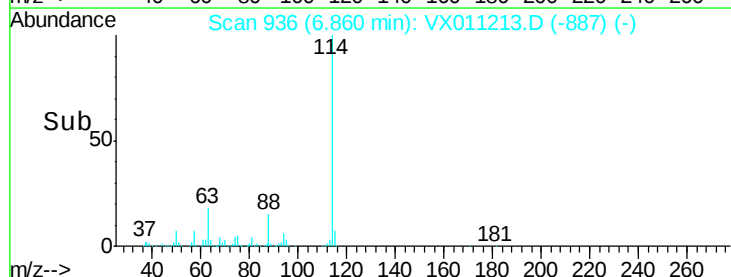
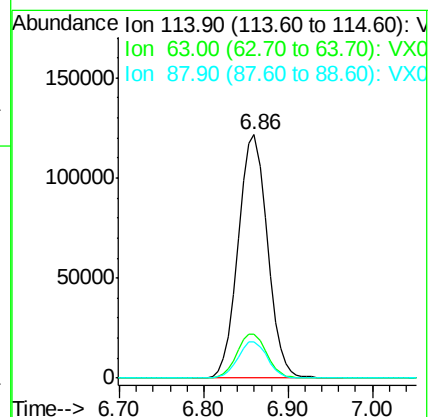
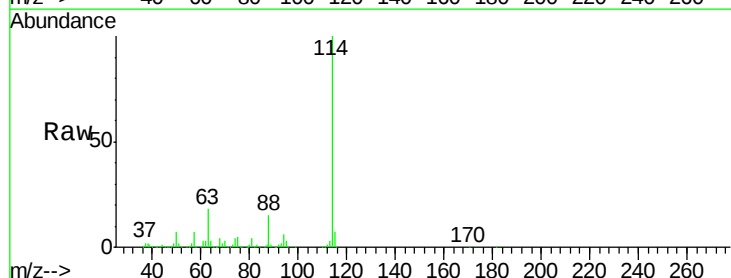
Tgt Ion: 114 Resp: 285593

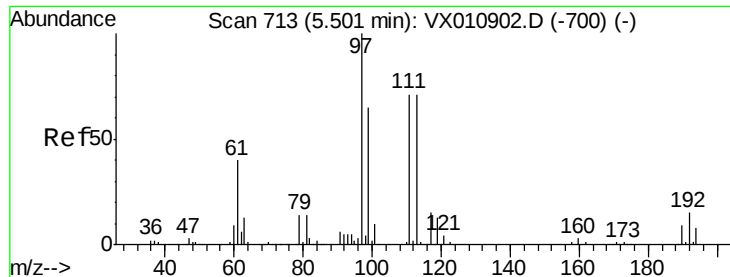
Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.6

88 14.7 0.0 29.8





#35

Dibromofluoromethane

Concen: 50.136 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

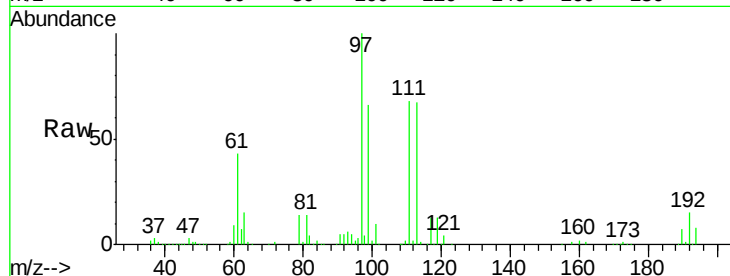
Tgt Ion:113 Resp: 90882

Ion Ratio Lower Upper

113 100

111 103.4 82.3 123.5

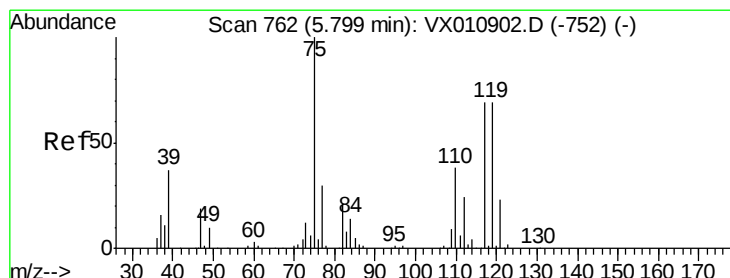
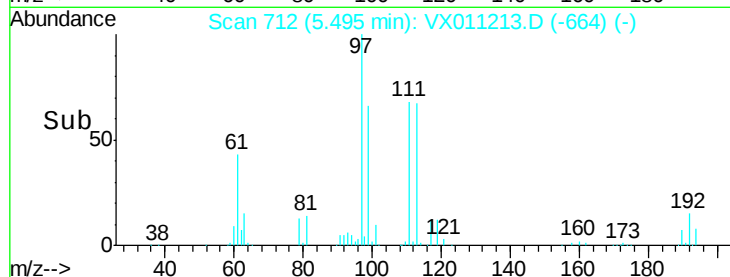
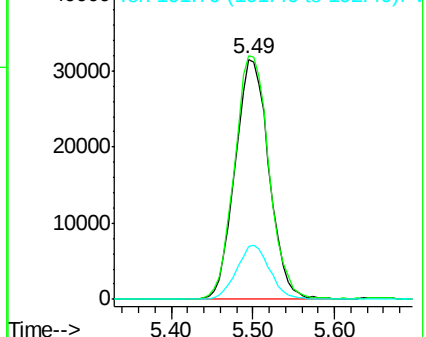
192 21.9 17.4 26.2



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: 49.371 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

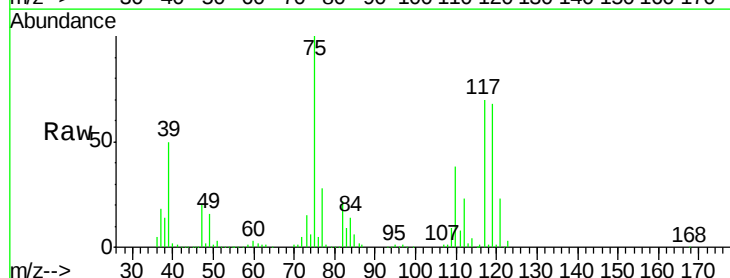
Tgt Ion: 75 Resp: 115818

Ion Ratio Lower Upper

75 100

110 39.1 19.9 59.7

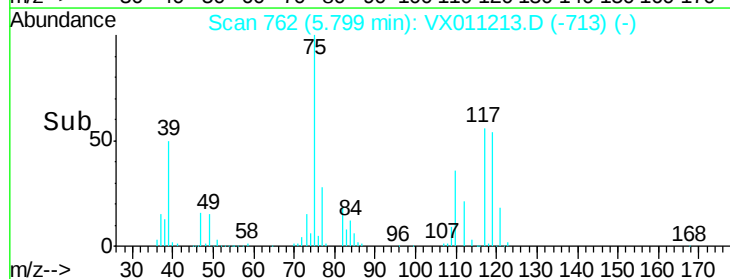
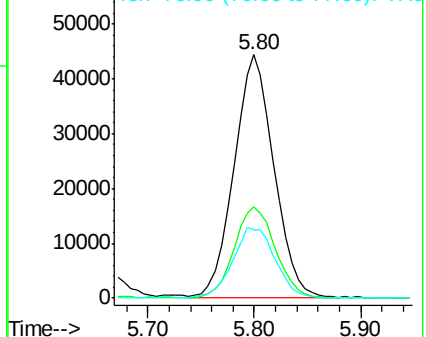
77 31.2 25.0 37.4

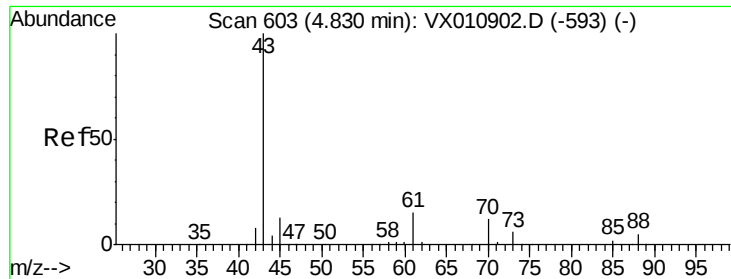


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 52.776 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.00 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

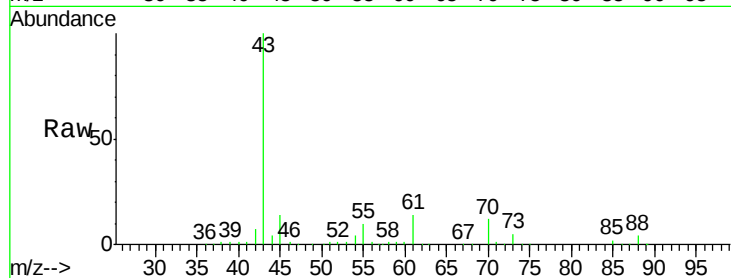
Tgt Ion: 43 Resp: 126773

Ion Ratio Lower Upper

43 100

61 14.5 11.6 17.4

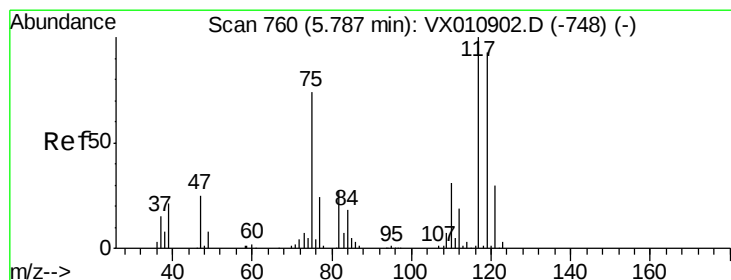
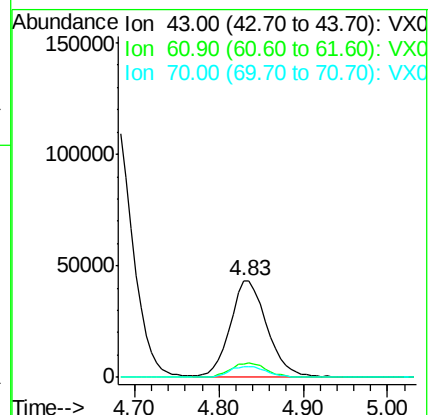
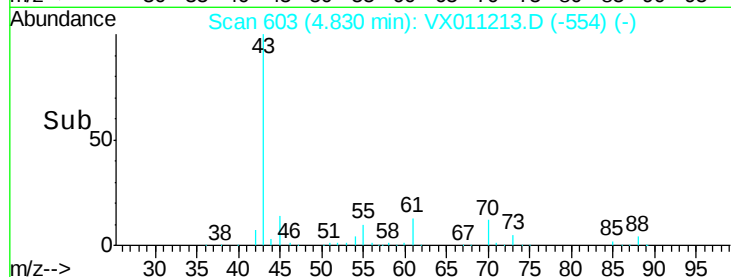
70 11.9 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VX011213.D (-554) (-)

Ion 60.90 (60.60 to 61.60): VX011213.D (-554) (-)

Ion 70.00 (69.70 to 70.70): VX011213.D (-554) (-)



#38

Carbon Tetrachloride

Concen: 52.057 ug/l

RT: 5.79 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

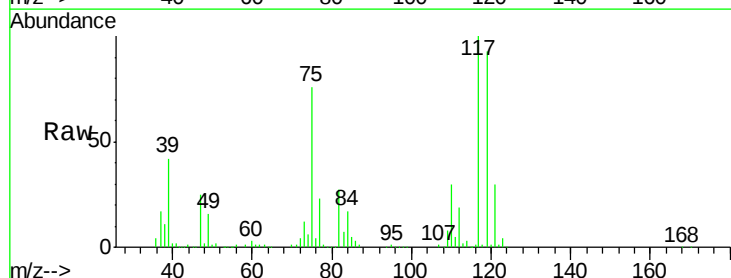
Tgt Ion: 117 Resp: 127254

Ion Ratio Lower Upper

117 100

119 92.9 74.2 111.2

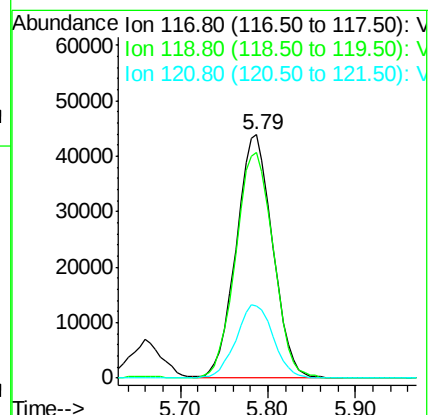
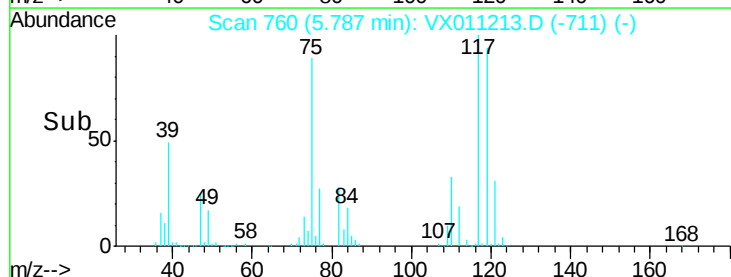
121 29.6 24.2 36.2

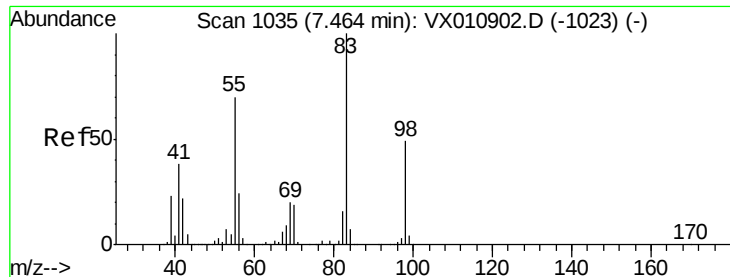


Abundance Ion 116.80 (116.50 to 117.50): VX011213.D (-711) (-)

Ion 118.80 (118.50 to 119.50): VX011213.D (-711) (-)

Ion 120.80 (120.50 to 121.50): VX011213.D (-711) (-)

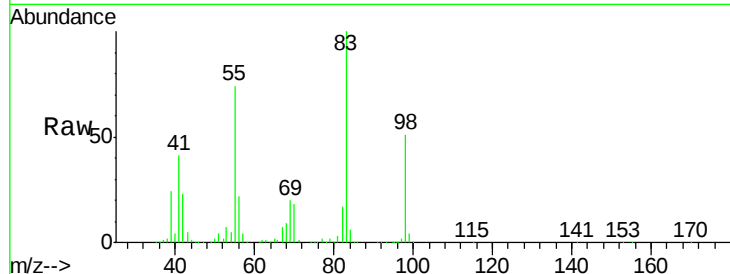




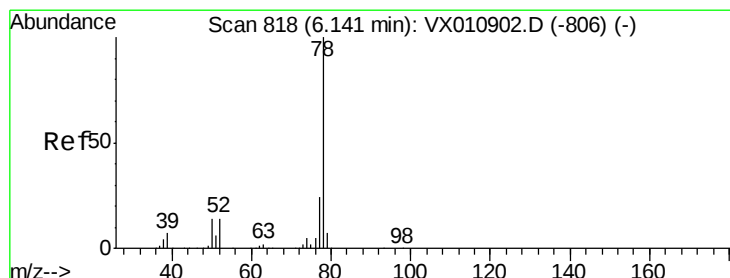
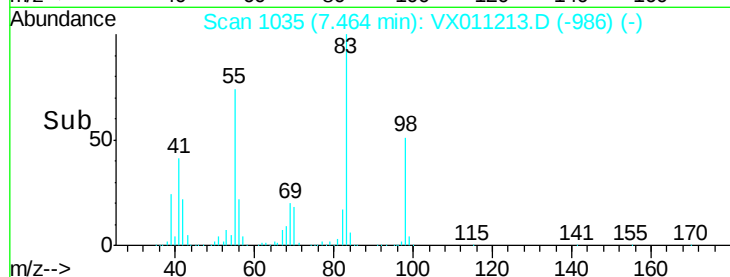
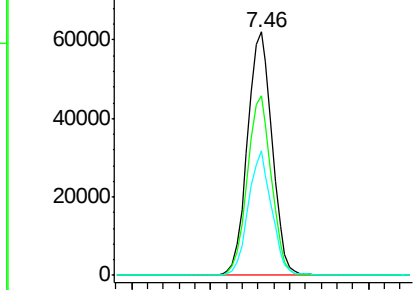
#39
Methylcyclohexane
Concen: 44.364 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX011213.D
Acq: 30 Jul 2019 22:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 134964
Ion Ratio Lower Upper
83 100
55 73.8 56.2 84.4
98 51.4 39.0 58.4

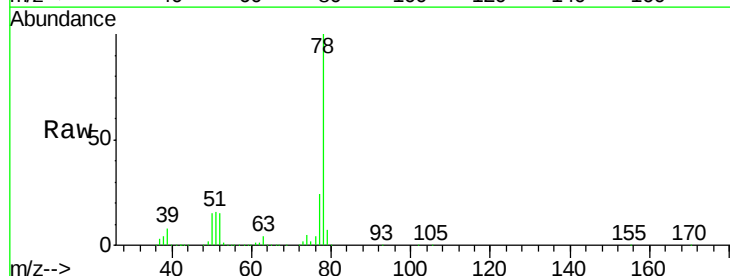


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

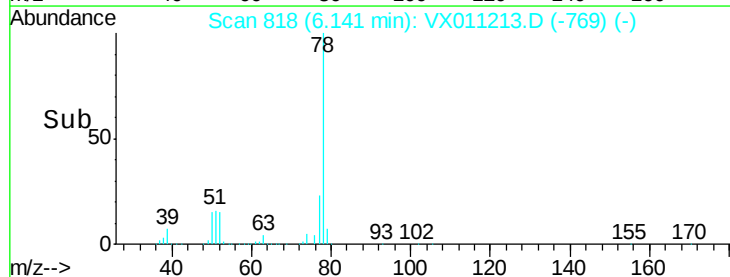
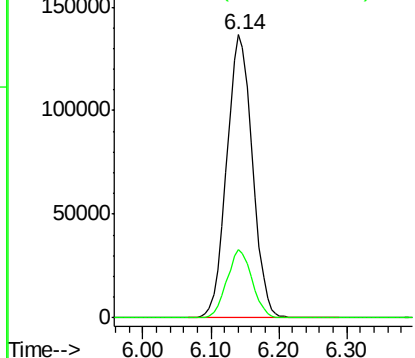


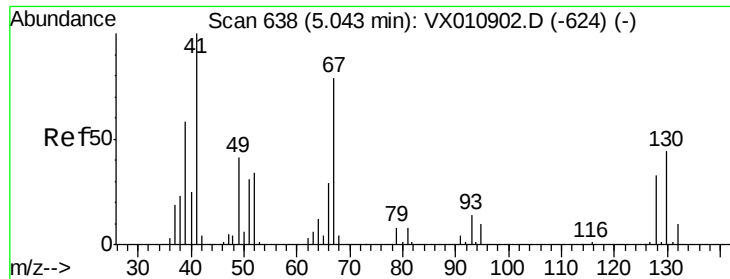
#40
Benzene
Concen: 49.710 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX011213.D
Acq: 30 Jul 2019 22:21

Tgt Ion: 78 Resp: 357215
Ion Ratio Lower Upper
78 100
77 24.2 19.0 28.6



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 53.088 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 72392

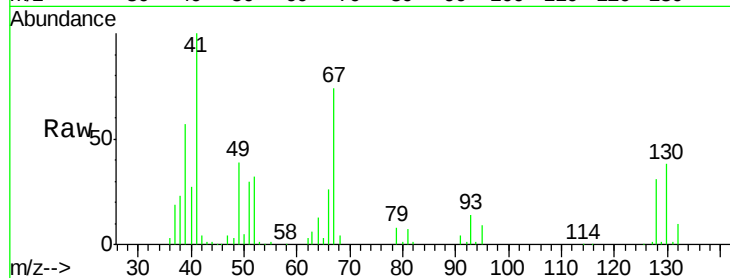
Ion Ratio Lower Upper

41 100

39 56.2 45.4 68.2

67 76.1 65.9 98.9

52 32.2 26.2 39.2

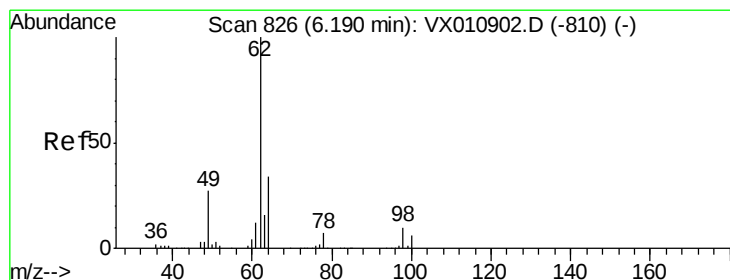
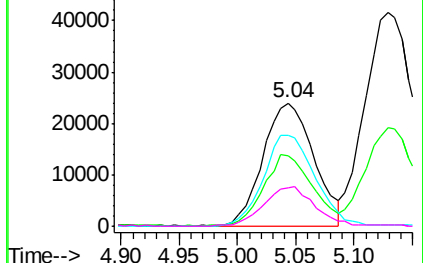
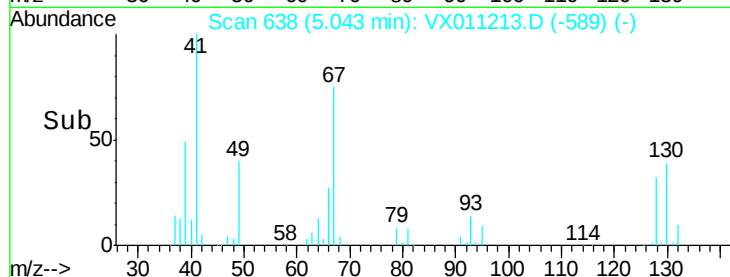


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 53.110 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.01 min

Lab File: VX011213.D

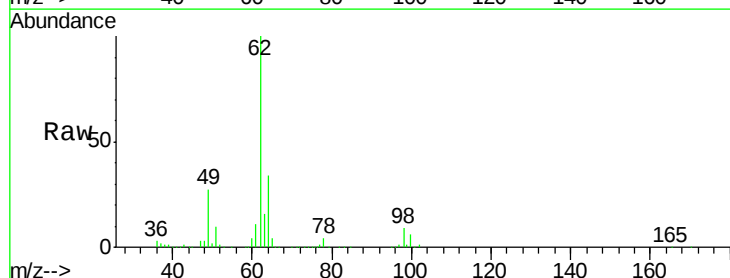
Acq: 30 Jul 2019 22:21

Tgt Ion: 62 Resp: 132697

Ion Ratio Lower Upper

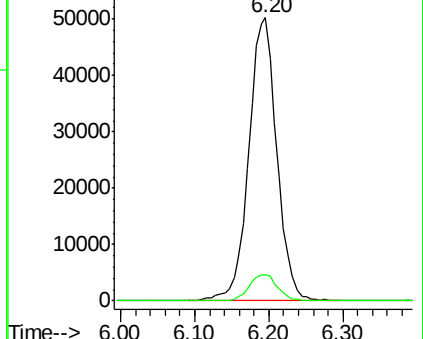
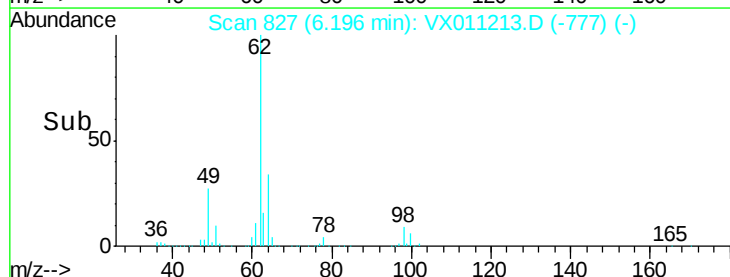
62 100

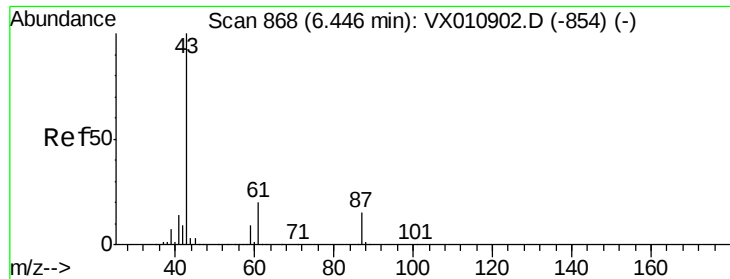
98 9.5 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 52.519 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

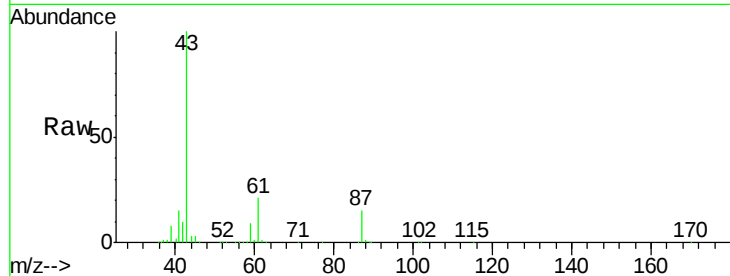
Tgt Ion: 43 Resp: 207439

Ion Ratio Lower Upper

43 100

61 20.5 17.1 25.7

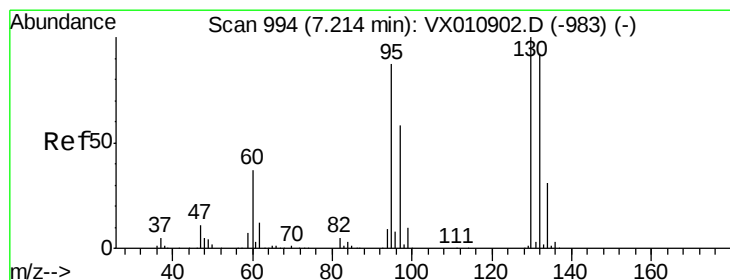
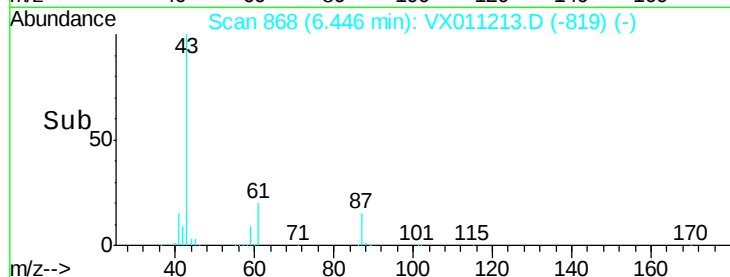
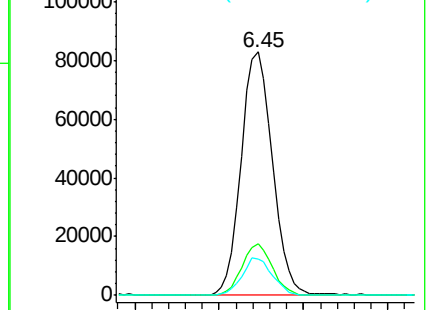
87 14.9 12.0 18.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 48.903 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX011213.D

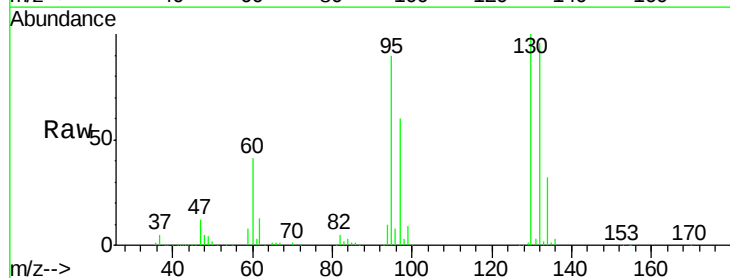
Acq: 30 Jul 2019 22:21

Tgt Ion: 130 Resp: 104020

Ion Ratio Lower Upper

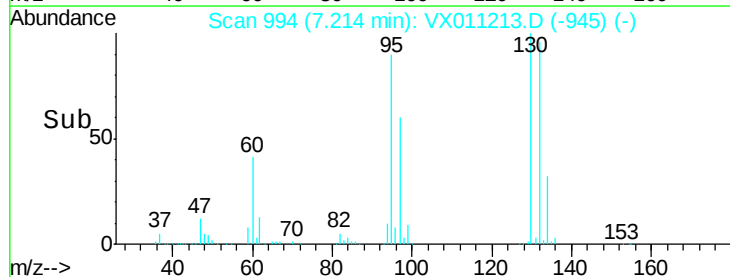
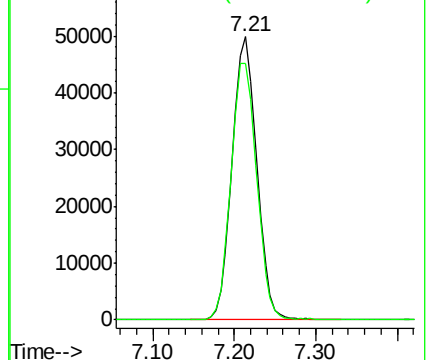
130 100

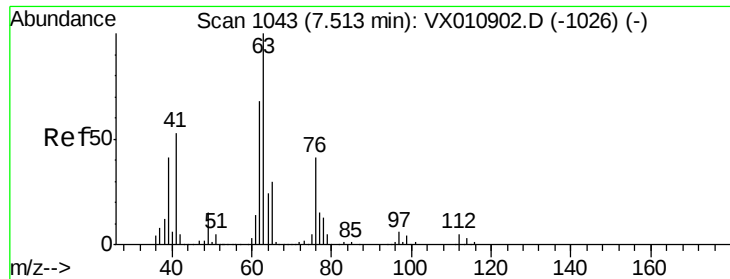
95 90.4 0.0 174.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 50.612 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

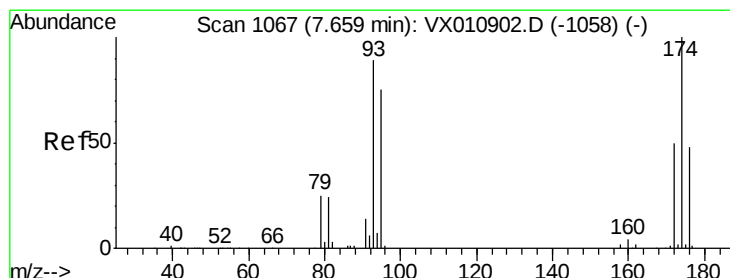
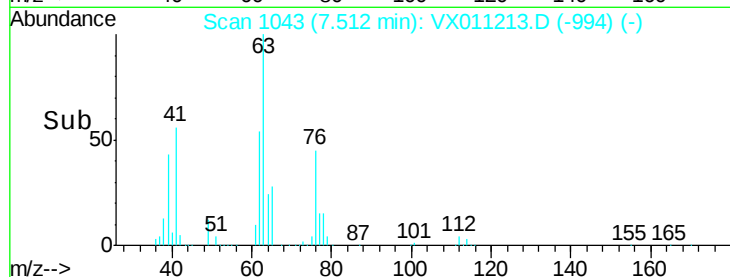
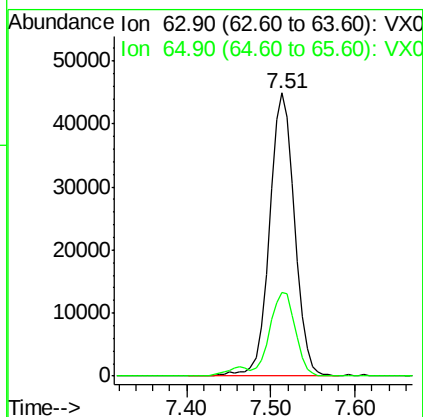
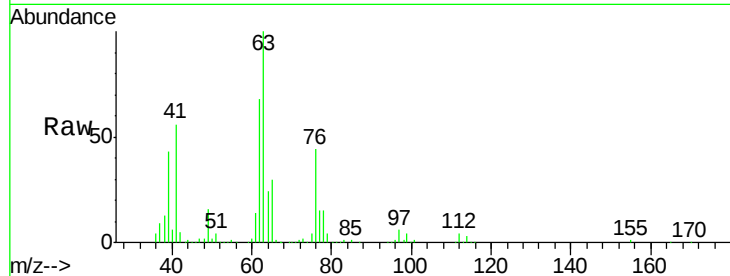
VSTDCCC050EC

Tgt Ion: 63 Resp: 92568

Ion Ratio Lower Upper

63 100

65 29.5 24.4 36.6



#46

Dibromomethane

Concen: 52.099 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

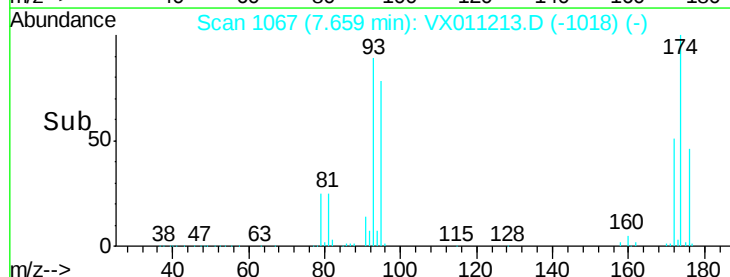
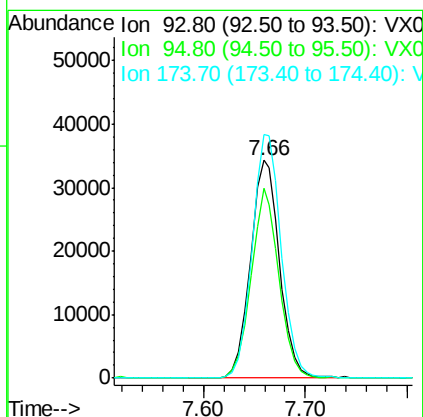
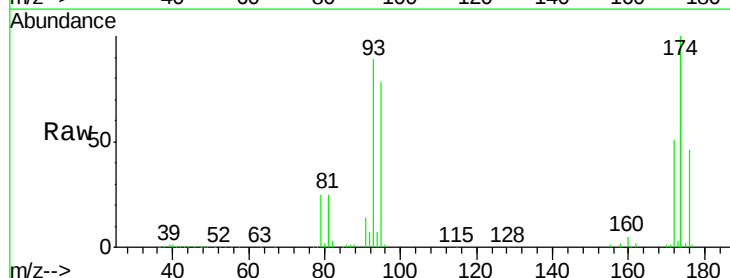
Tgt Ion: 93 Resp: 68088

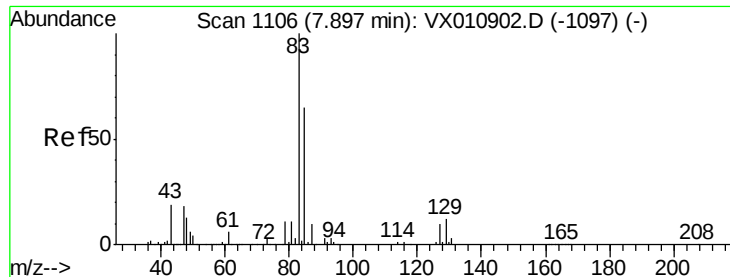
Ion Ratio Lower Upper

93 100

95 83.3 67.2 100.8

174 112.3 90.6 135.8

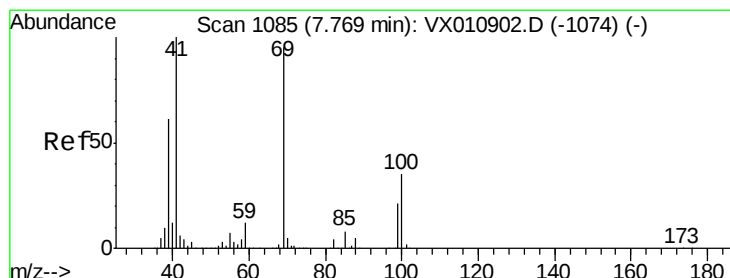
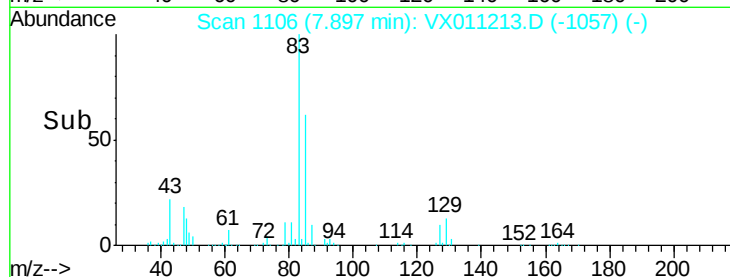
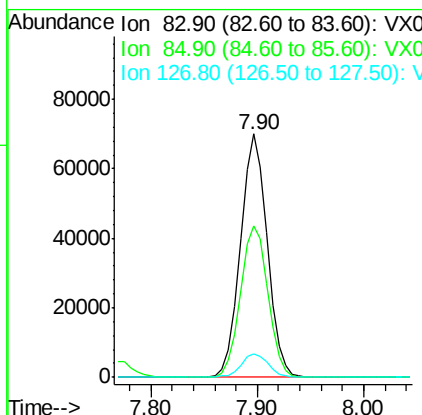
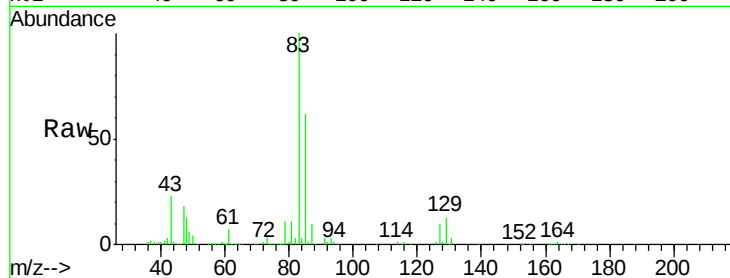




#47
Bromodichloromethane
Concen: 53.320 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX011213.D
Acq: 30 Jul 2019 22:21

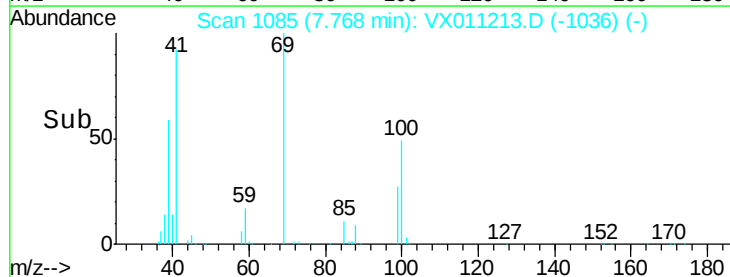
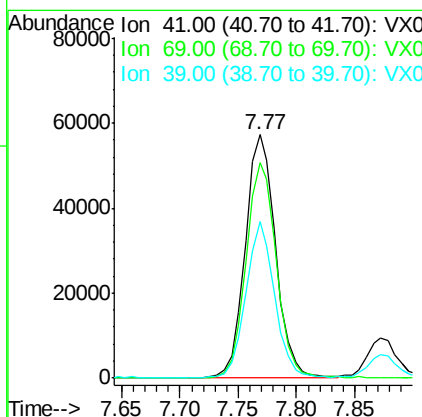
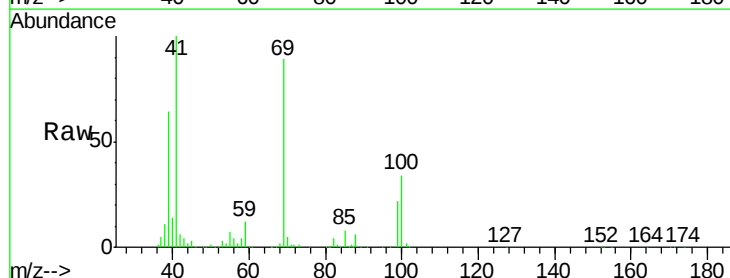
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

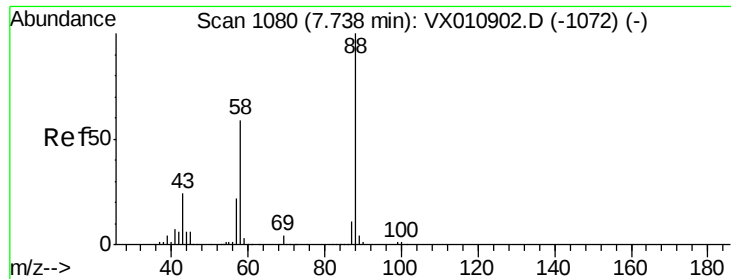
Tgt Ion: 83 Resp: 124045
Ion Ratio Lower Upper
83 100
85 62.2 52.5 78.7
127 9.8 7.8 11.8



#48
Methyl methacrylate
Concen: 53.769 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. -0.00 min
Lab File: VX011213.D
Acq: 30 Jul 2019 22:21

Tgt Ion: 41 Resp: 103459
Ion Ratio Lower Upper
41 100
69 88.9 74.4 111.6
39 60.3 48.9 73.3

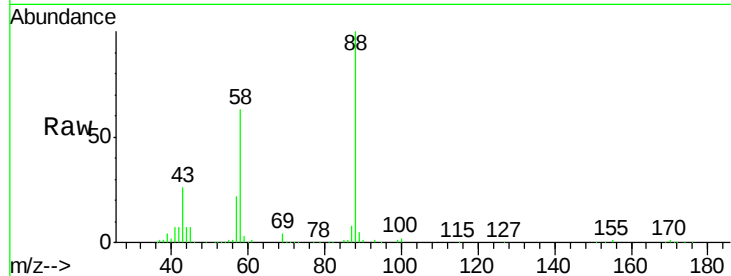




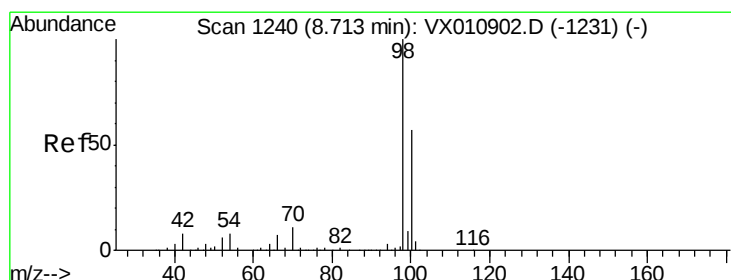
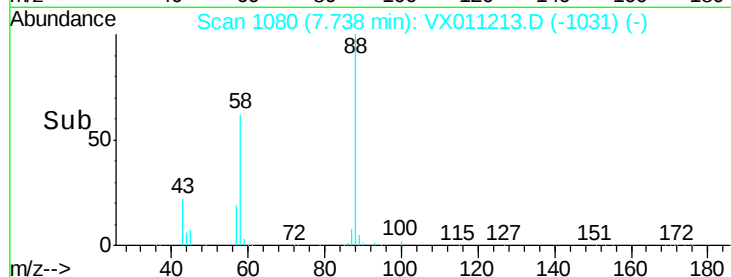
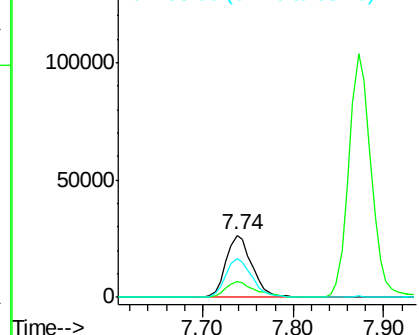
#49
1,4-Dioxane
Concen: 972.651 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX011213.D
Acq: 30 Jul 2019 22:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 52351
Ion Ratio Lower Upper
88 100
43 28.9 22.9 34.3
58 64.4 49.8 74.8

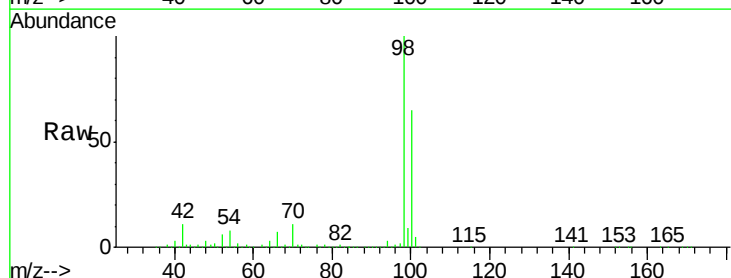


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

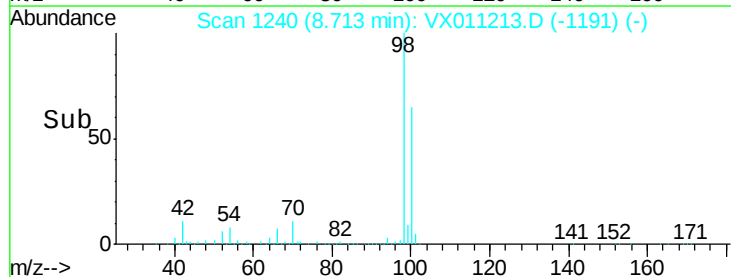
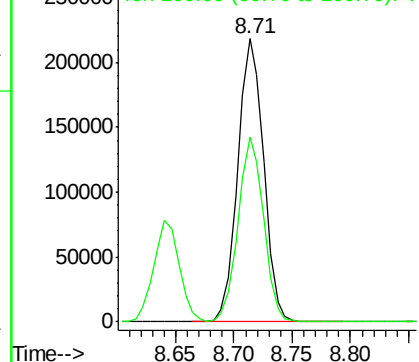


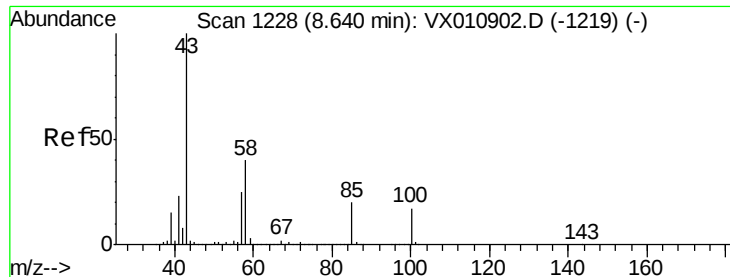
#50
Toluene-d8
Concen: 49.721 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011213.D
Acq: 30 Jul 2019 22:21

Tgt Ion: 98 Resp: 338045
Ion Ratio Lower Upper
98 100
100 64.2 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 277.591 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

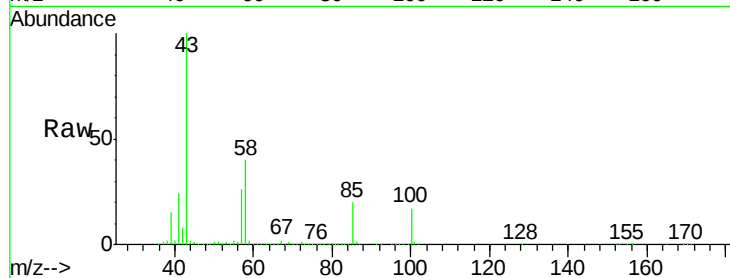
VSTDCCC050EC

Tgt Ion: 43 Resp: 710748

Ion Ratio Lower Upper

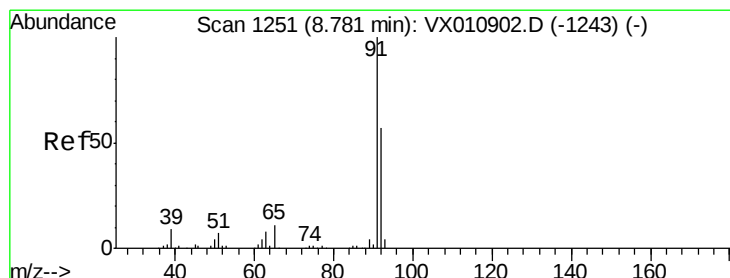
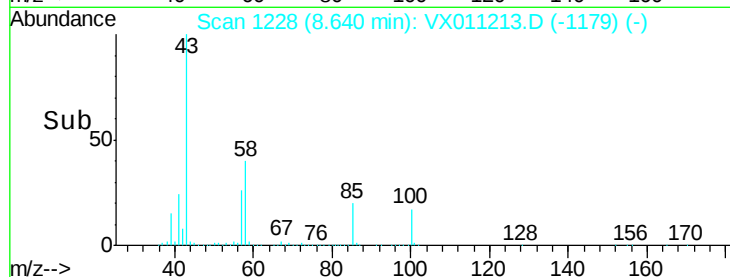
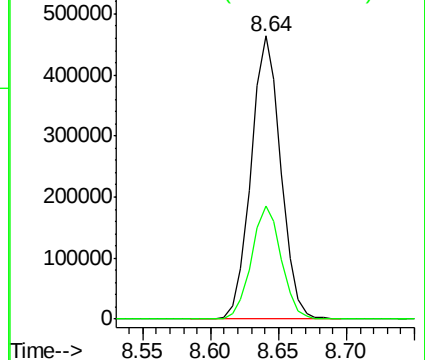
43 100

58 40.2 32.2 48.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 50.130 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX011213.D

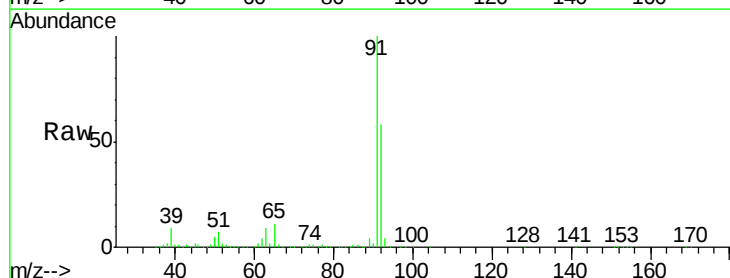
Acq: 30 Jul 2019 22:21

Tgt Ion: 92 Resp: 236644

Ion Ratio Lower Upper

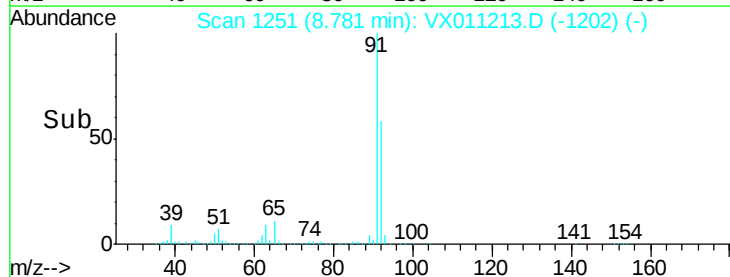
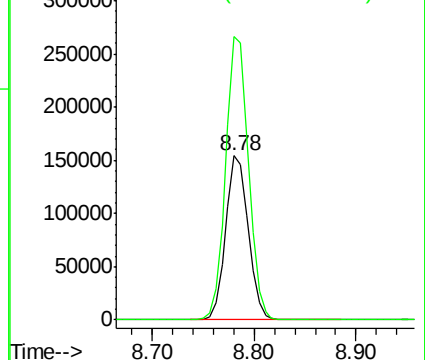
92 100

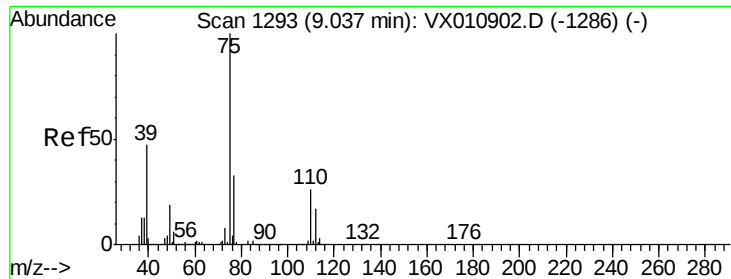
91 174.7 139.4 209.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 52.726 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

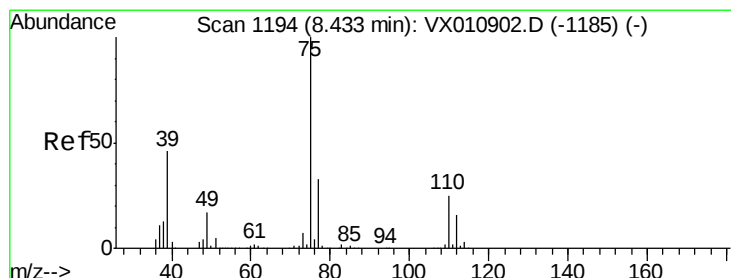
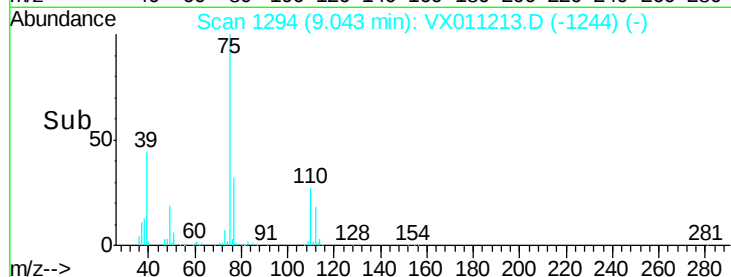
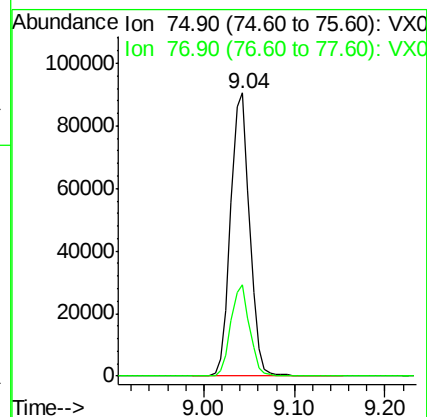
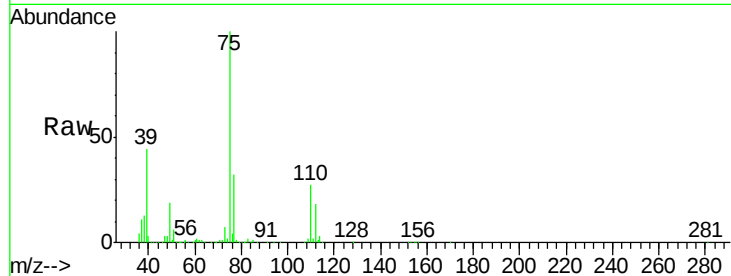
VSTDCCC050EC

Tgt Ion: 75 Resp: 131892

Ion Ratio Lower Upper

75 100

77 32.1 26.2 39.2



#54

cis-1,3-Dichloropropene

Concen: 51.128 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

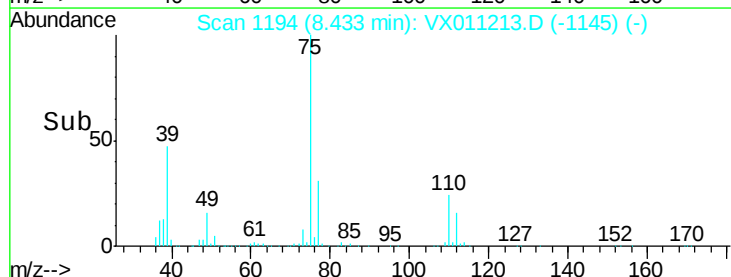
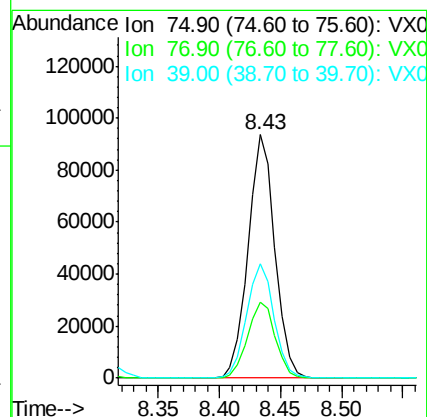
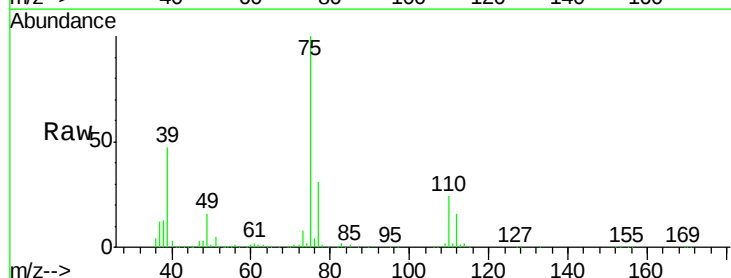
Tgt Ion: 75 Resp: 142315

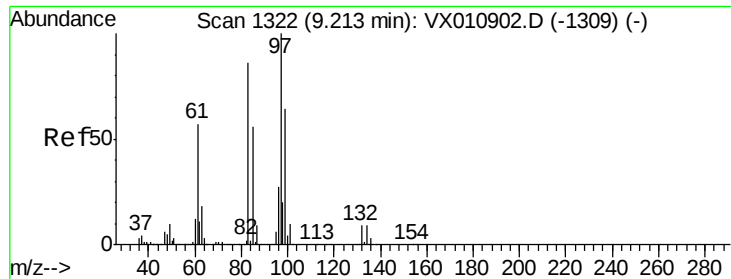
Ion Ratio Lower Upper

75 100

77 31.1 26.1 39.1

39 46.6 36.6 54.8

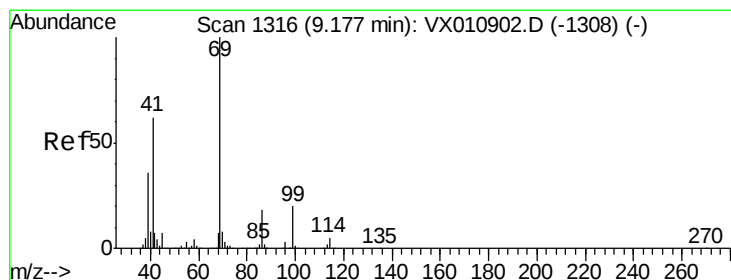
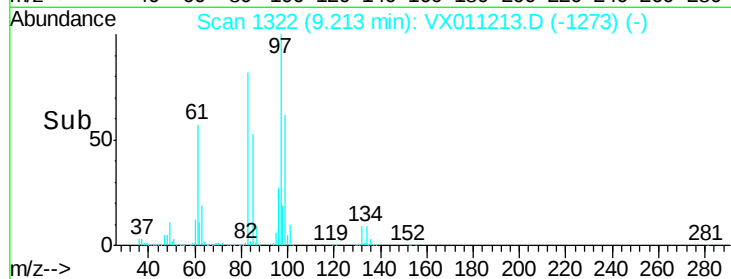
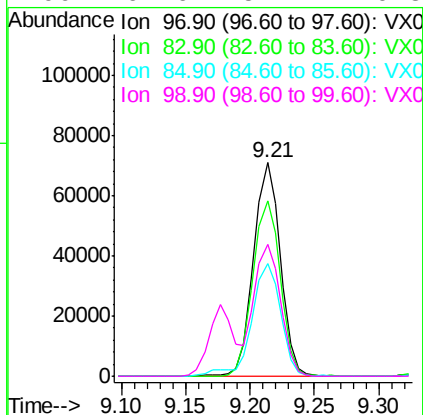
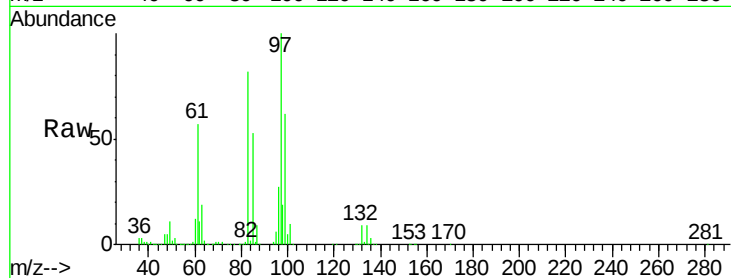




#55
 1,1,2-Trichloroethane
 Concen: 52.320 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX011213.D
 Acq: 30 Jul 2019 22:21

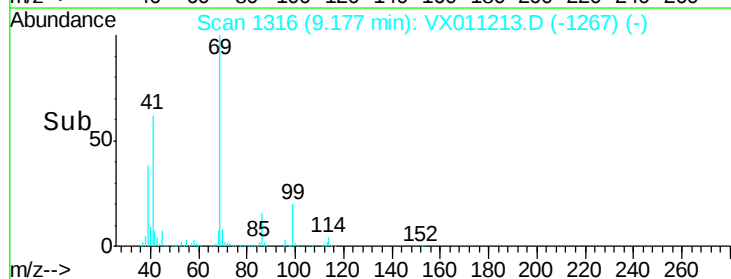
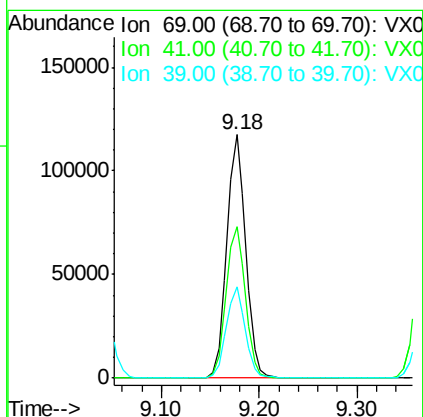
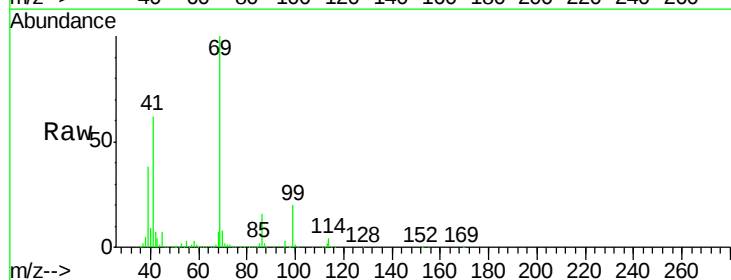
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

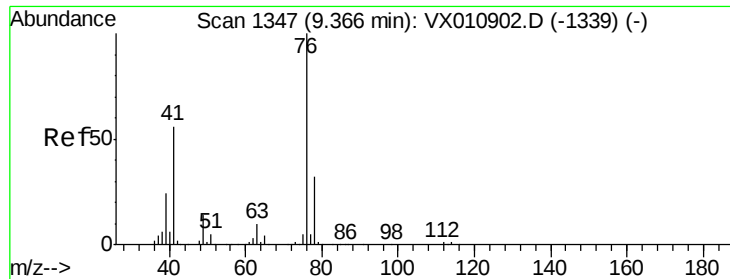
Tgt Ion:	97	Resp:	101695
Ion	Ratio	Lower	Upper
97	100		
83	82.2	69.2	103.8
85	52.7	44.6	66.8
99	61.6	51.2	76.8



#56
 Ethyl methacrylate
 Concen: 55.623 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX011213.D
 Acq: 30 Jul 2019 22:21

Tgt Ion:	69	Resp:	158147
Ion	Ratio	Lower	Upper
69	100		
41	63.1	49.7	74.5
39	37.2	29.6	44.4

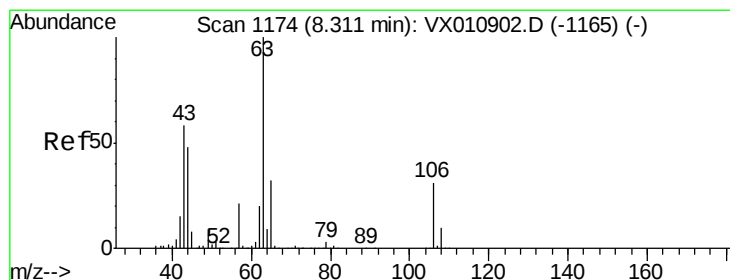
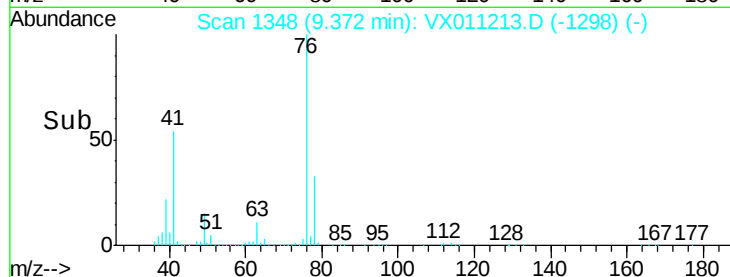
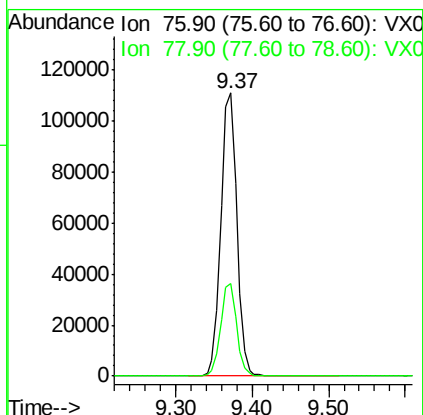
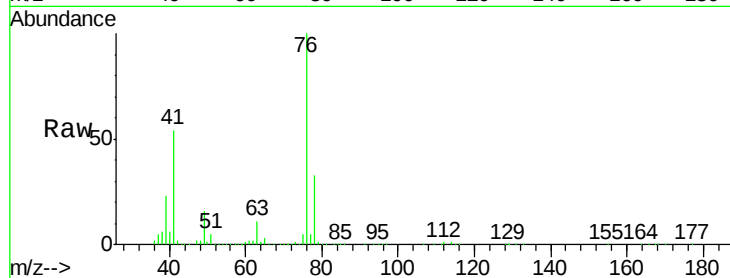




#57
 1,3-Dichloropropane
 Concen: 52.270 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.01 min
 Lab File: VX011213.D
 Acq: 30 Jul 2019 22:21

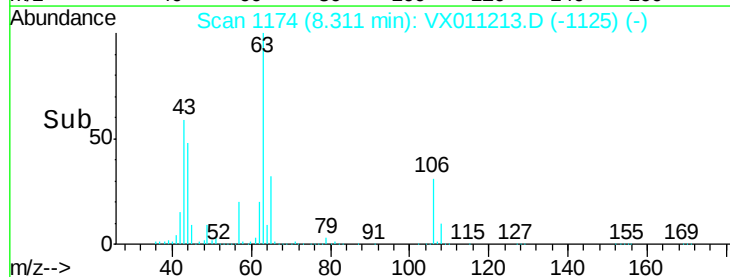
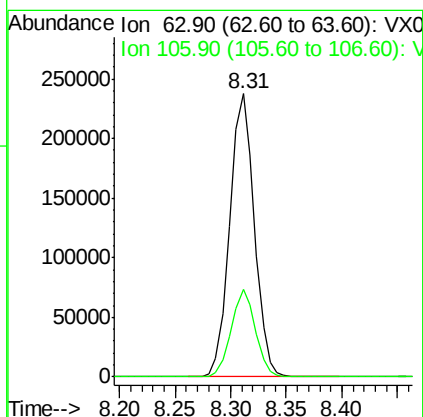
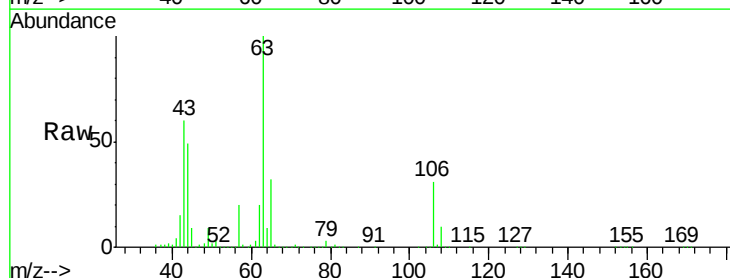
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

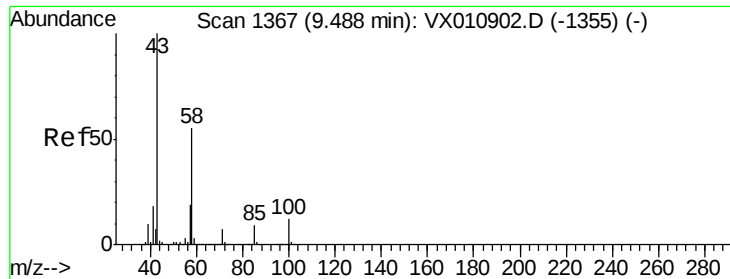
Tgt Ion: 76 Resp: 161172
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 267.099 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX011213.D
 Acq: 30 Jul 2019 22:21

Tgt Ion: 63 Resp: 362514
 Ion Ratio Lower Upper
 63 100
 106 30.3 24.0 36.0

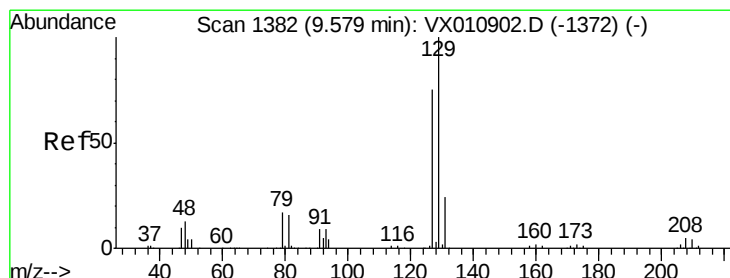
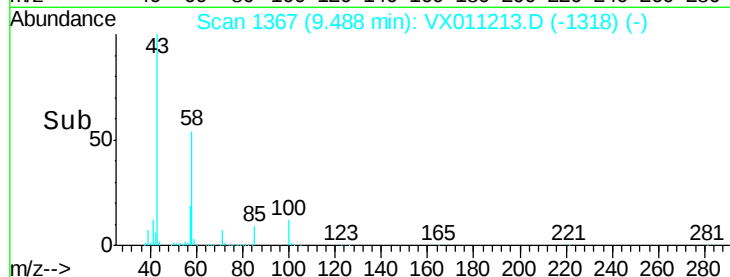
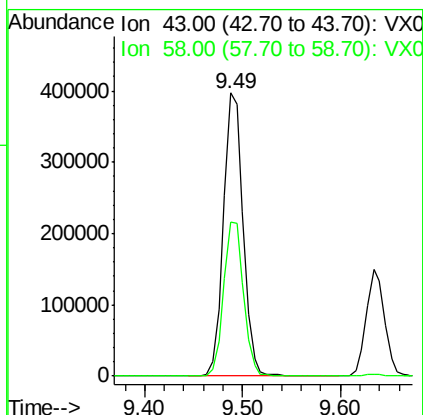
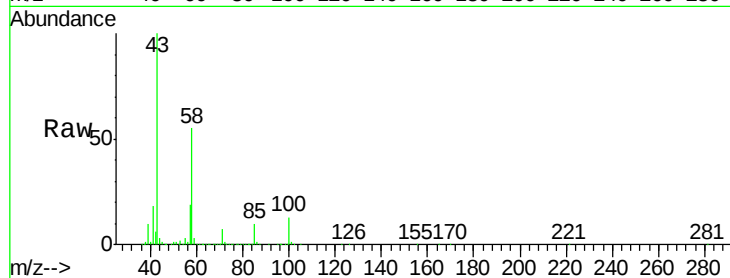




#59
2-Hexanone
Concen: 277.945 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX011213.D
Acq: 30 Jul 2019 22:21

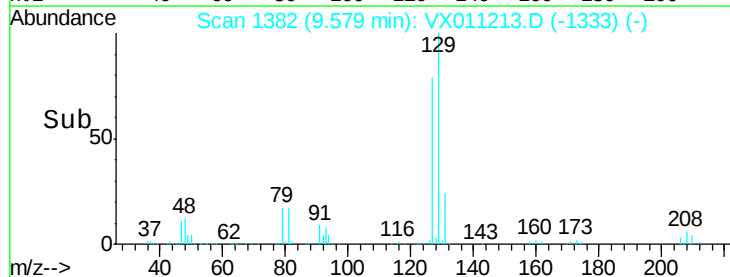
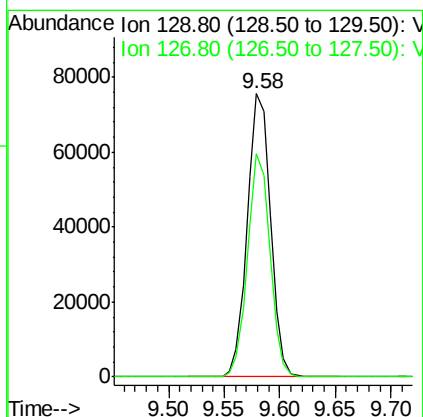
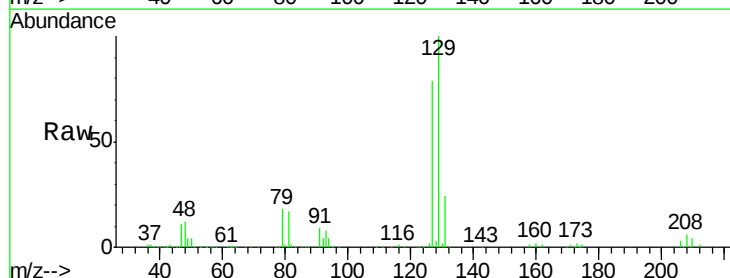
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 551972
Ion Ratio Lower Upper
43 100
58 55.4 28.0 83.9



#60
Dibromochloromethane
Concen: 49.270 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011213.D
Acq: 30 Jul 2019 22:21

Tgt Ion: 129 Resp: 110130
Ion Ratio Lower Upper
129 100
127 76.2 38.6 115.8

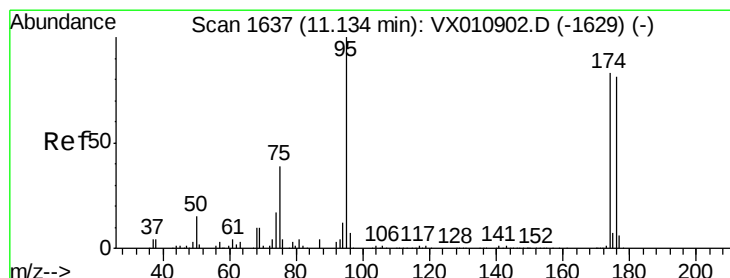
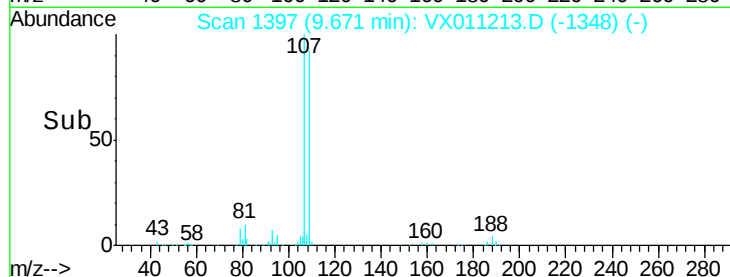
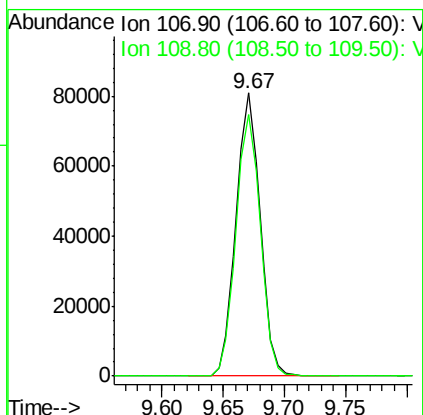
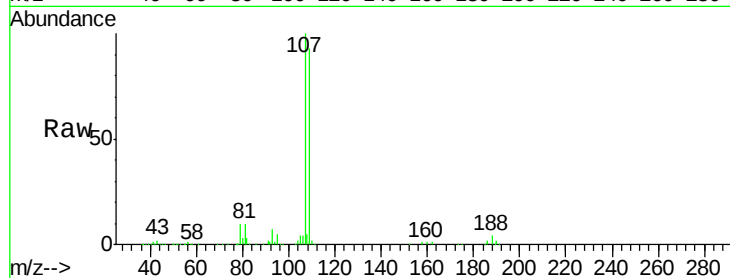




#61
 1,2-Dibromoethane
 Concen: 53.588 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX011213.D
 Acq: 30 Jul 2019 22:21

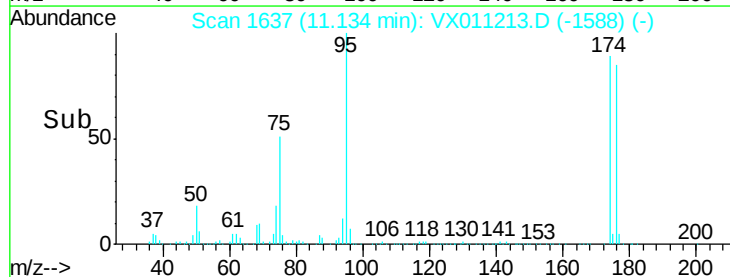
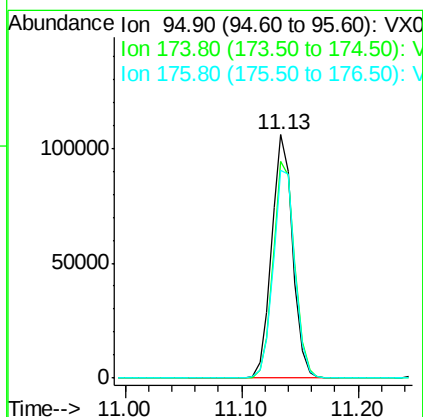
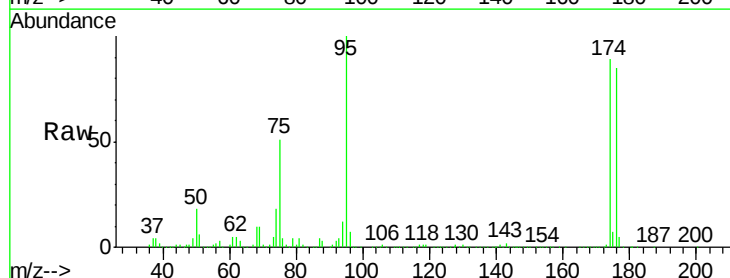
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

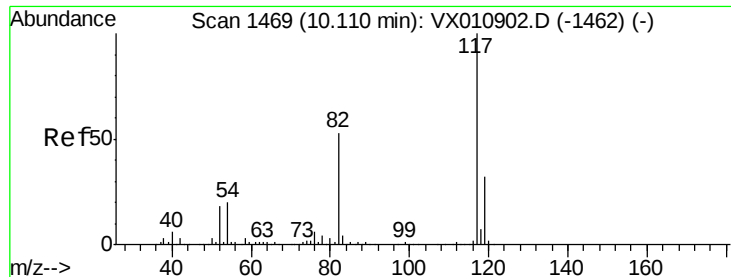
Tgt Ion: 107 Resp: 110541
 Ion Ratio Lower Upper
 107 100
 109 94.2 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 53.082 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX011213.D
 Acq: 30 Jul 2019 22:21

Tgt Ion: 95 Resp: 132654
 Ion Ratio Lower Upper
 95 100
 174 91.5 0.0 180.6
 176 88.4 0.0 173.8

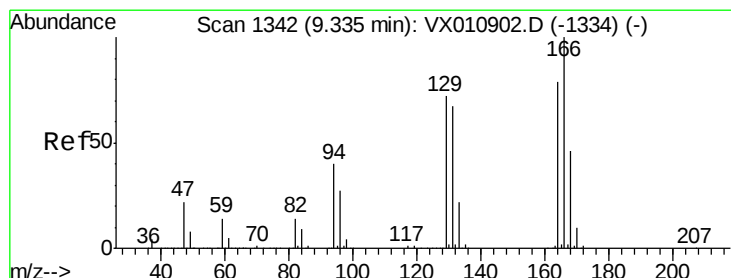
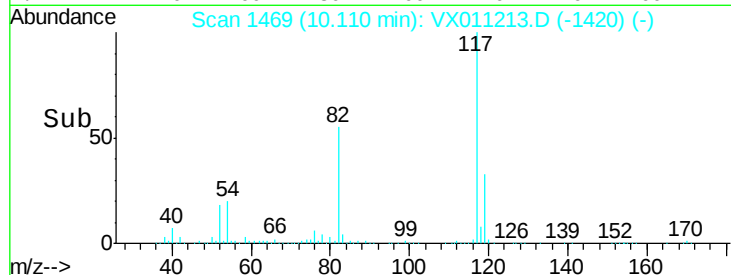
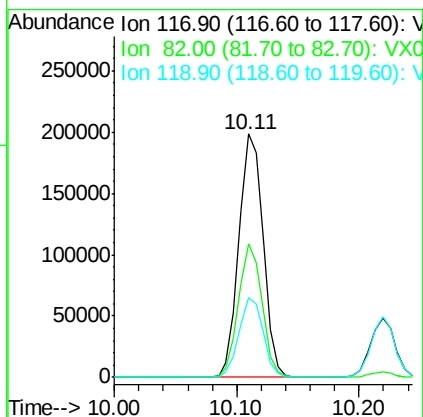
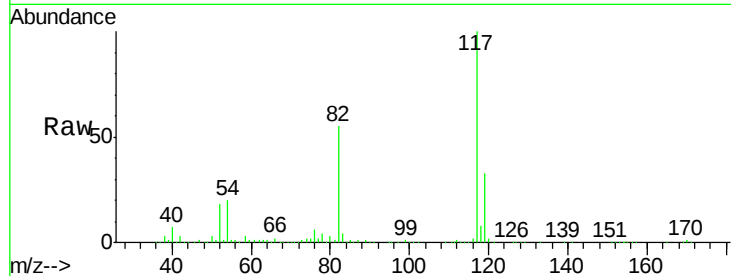




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011213.D
Acq: 30 Jul 2019 22:21

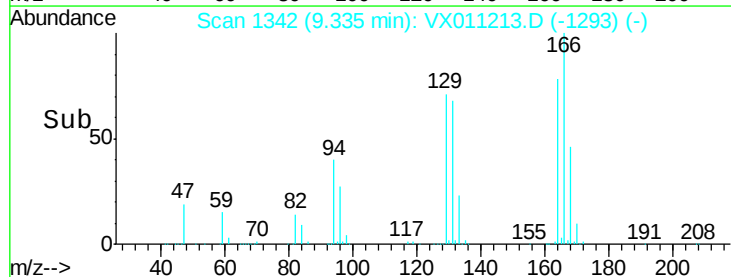
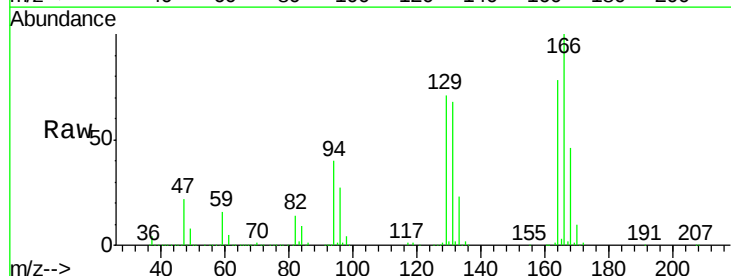
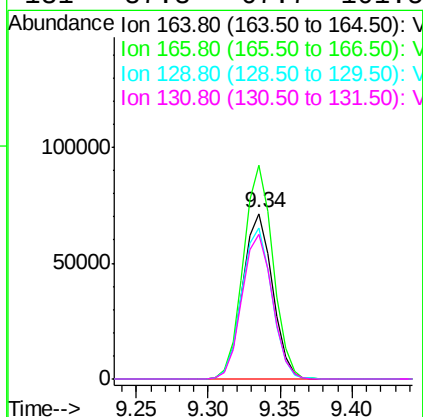
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

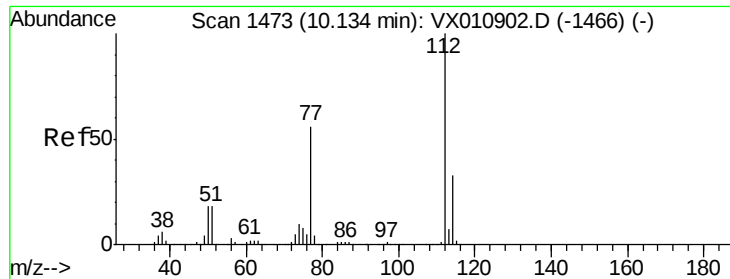
Tgt Ion:117 Resp: 271739
Ion Ratio Lower Upper
117 100
82 54.6 42.6 63.8
119 33.0 25.9 38.9



#64
Tetrachloroethene
Concen: 48.060 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX011213.D
Acq: 30 Jul 2019 22:21

Tgt Ion:164 Resp: 102739
Ion Ratio Lower Upper
164 100
166 128.8 100.8 151.2
129 91.2 72.6 109.0
131 87.3 67.7 101.5

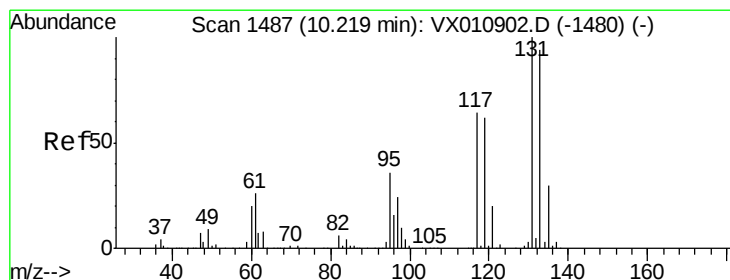
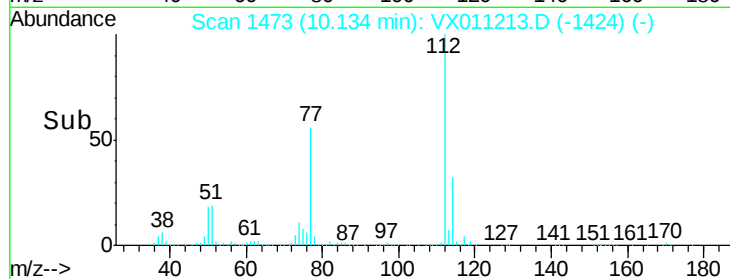
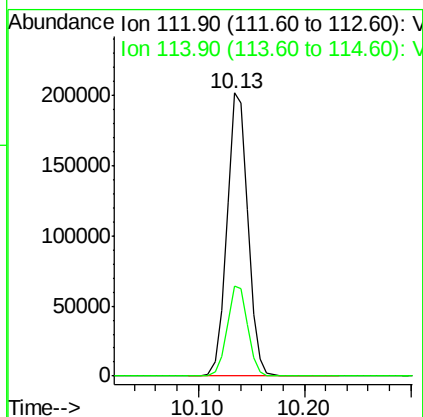
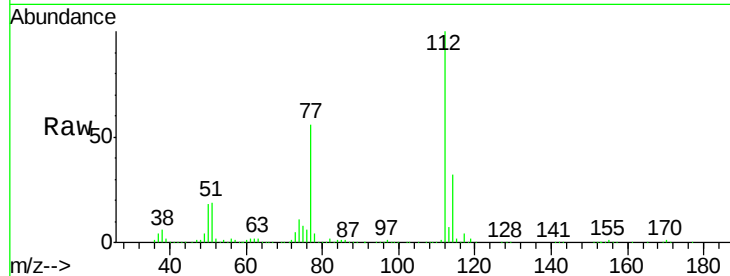




#65
Chlorobenzene
Concen: 49.856 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX011213.D
Acq: 30 Jul 2019 22:21

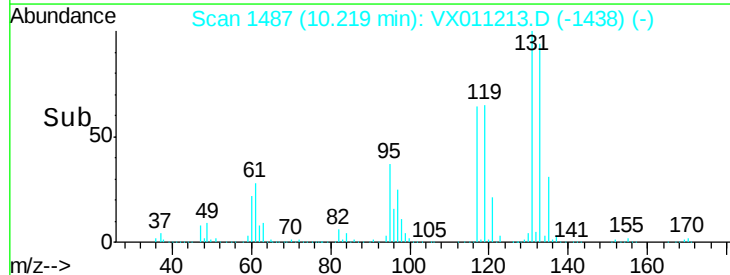
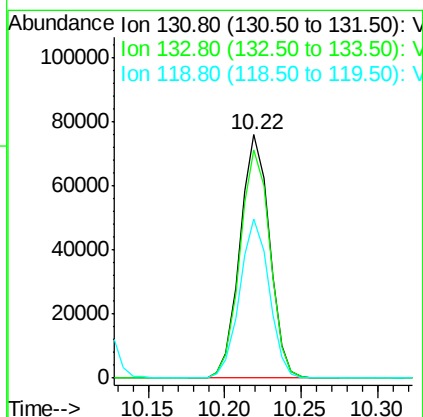
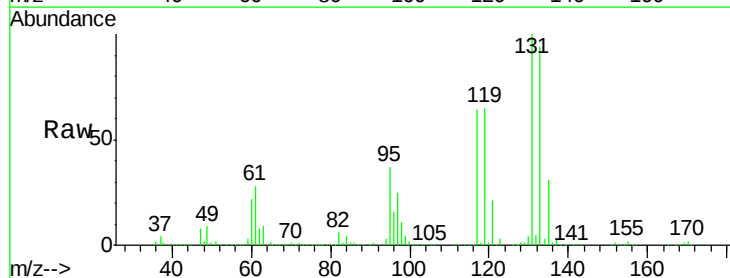
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

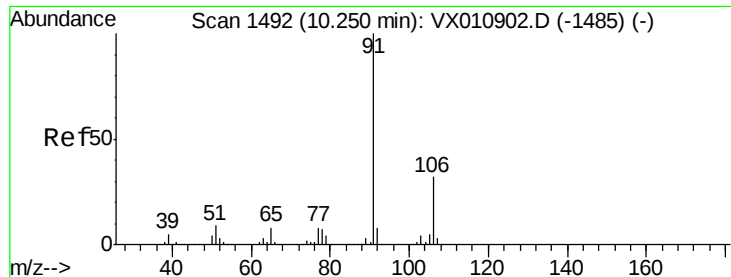
Tgt Ion:112 Resp: 278261
Ion Ratio Lower Upper
112 100
114 31.9 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 52.211 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX011213.D
Acq: 30 Jul 2019 22:21

Tgt Ion:131 Resp: 102415
Ion Ratio Lower Upper
131 100
133 94.9 47.1 141.4
119 64.6 31.9 95.7

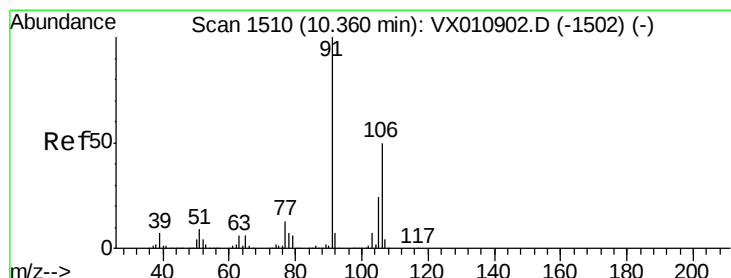
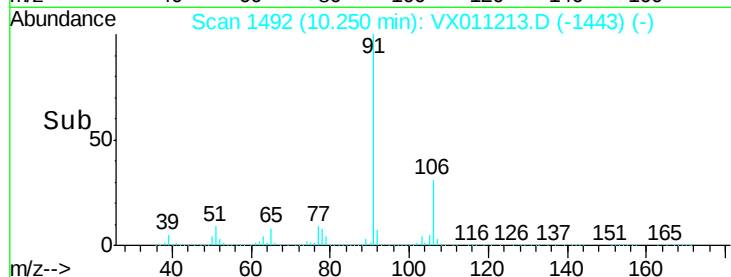
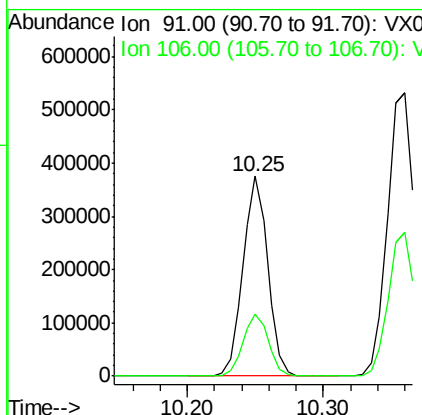
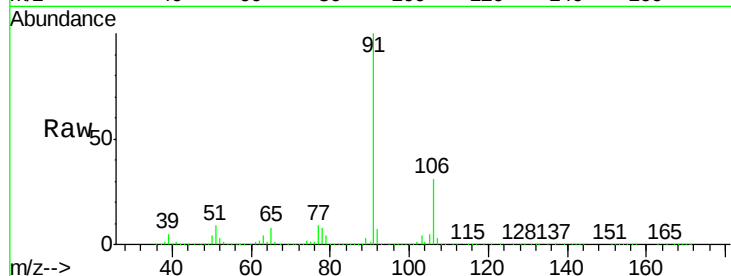




#67
Ethyl Benzene
Concen: 50.133 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX011213.D
Acq: 30 Jul 2019 22:21

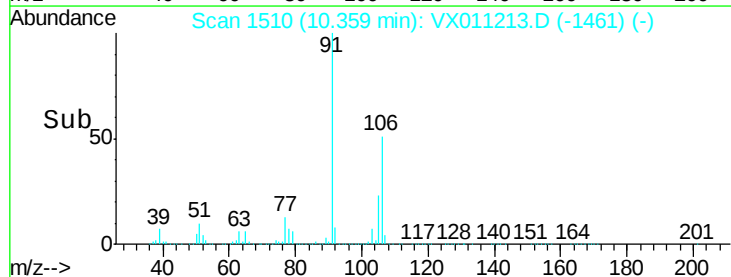
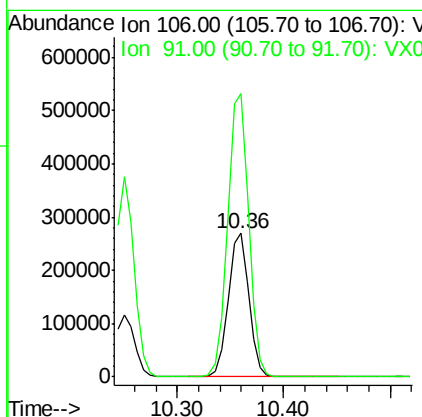
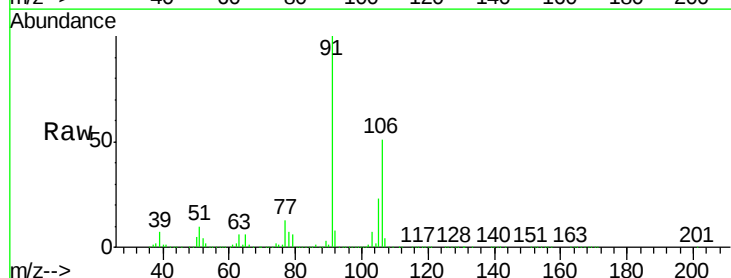
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

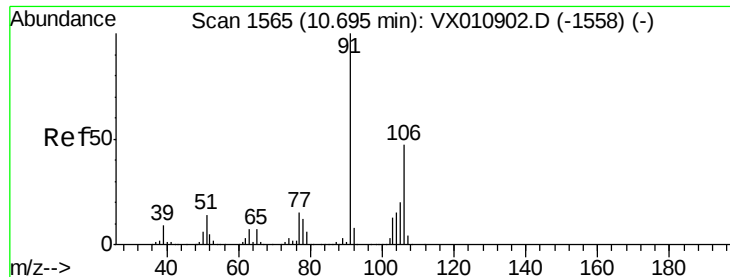
Tgt Ion: 91 Resp: 476264
Ion Ratio Lower Upper
91 100
106 30.9 25.4 38.2



#68
m/p-Xylenes
Concen: 100.114 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX011213.D
Acq: 30 Jul 2019 22:21

Tgt Ion: 106 Resp: 364829
Ion Ratio Lower Upper
106 100
91 202.5 160.1 240.1

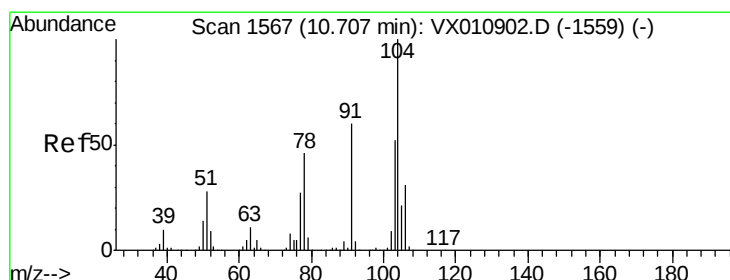
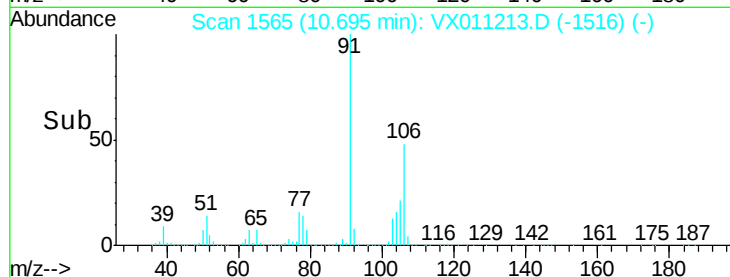
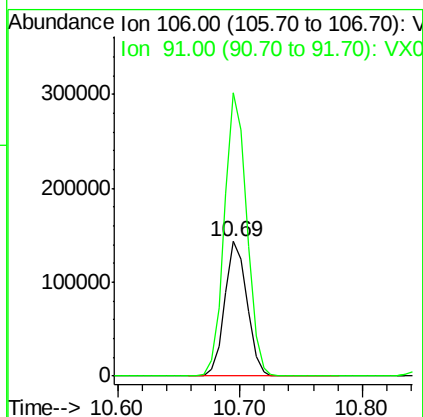
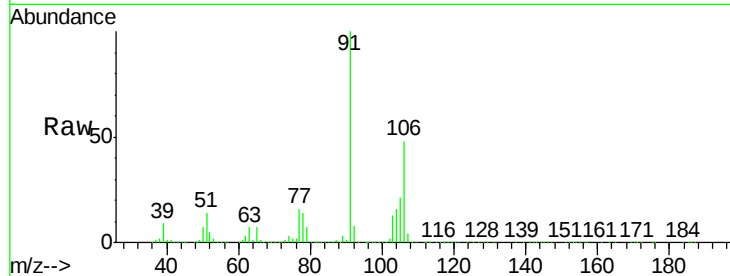




#69
o-Xylene
Concen: 50.711 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011213.D
Acq: 30 Jul 2019 22:21

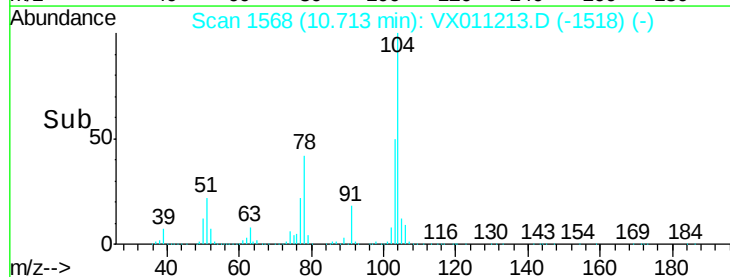
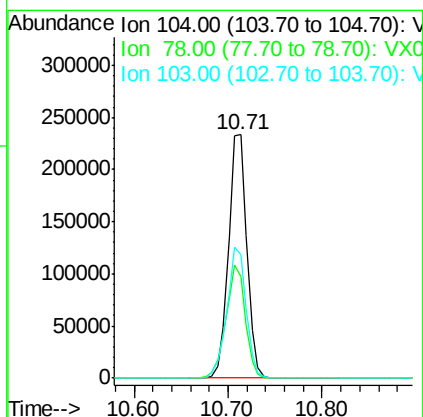
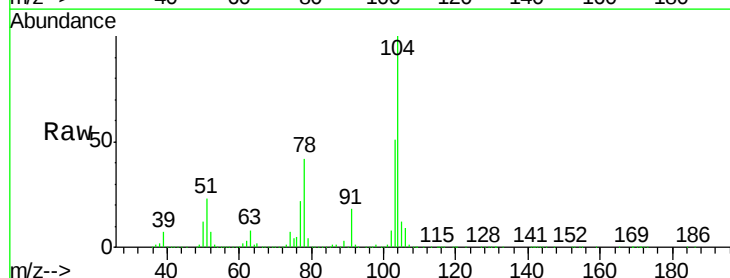
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

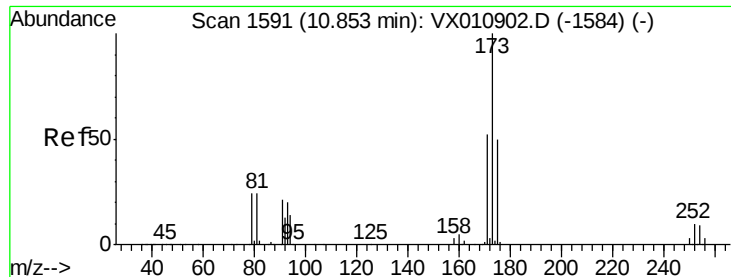
Tgt Ion:106 Resp: 180353
Ion Ratio Lower Upper
106 100
91 211.0 105.1 315.3



#70
Styrene
Concen: 53.293 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VX011213.D
Acq: 30 Jul 2019 22:21

Tgt Ion:104 Resp: 315957
Ion Ratio Lower Upper
104 100
78 49.1 38.8 58.2
103 56.2 44.2 66.4





#71

Bromoform

Concen: 47.379 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

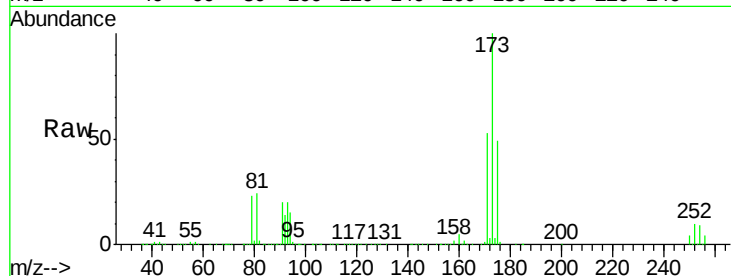
Tgt Ion:173 Resp: 84370

Ion Ratio Lower Upper

173 100

175 48.6 24.6 73.6

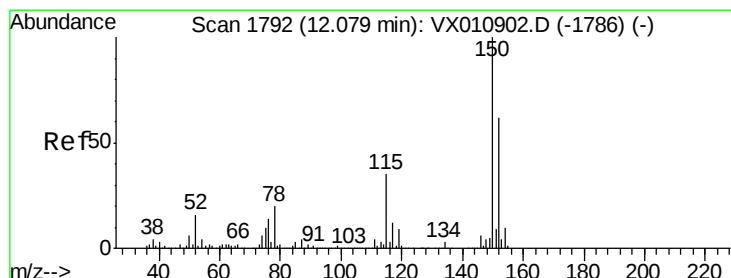
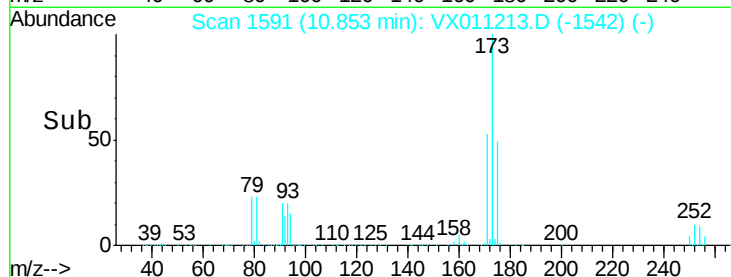
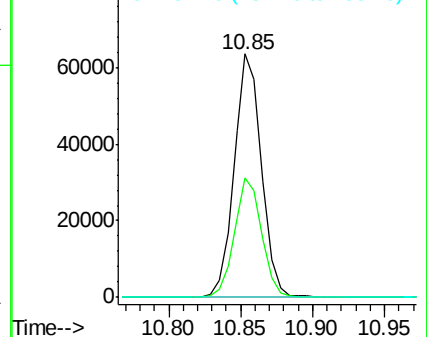
254 0.2 0.1 0.1#



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: VX011213.D

Acq: 30 Jul 2019 22:21

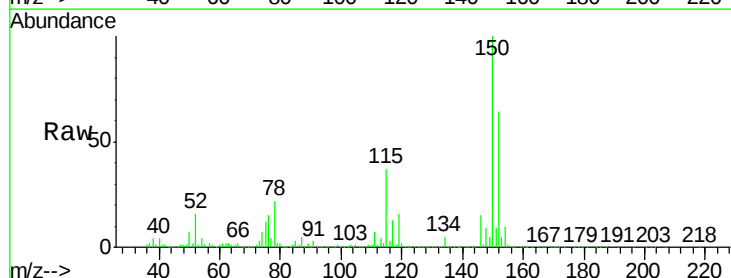
Tgt Ion:152 Resp: 150620

Ion Ratio Lower Upper

152 100

115 80.1 39.7 119.1

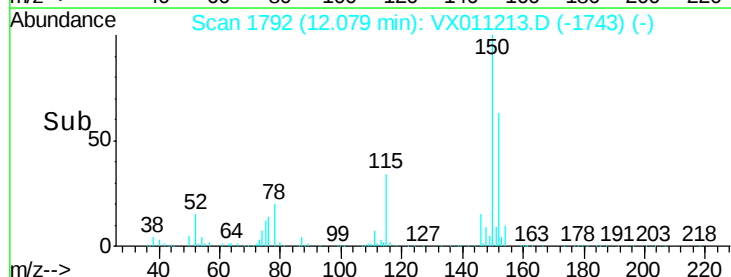
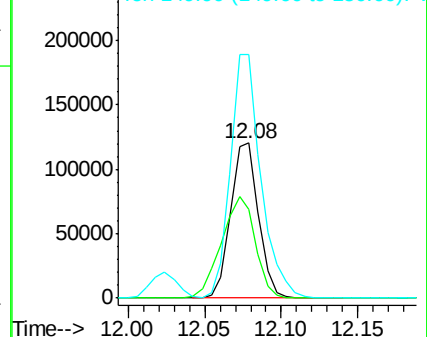
150 172.6 0.0 345.6

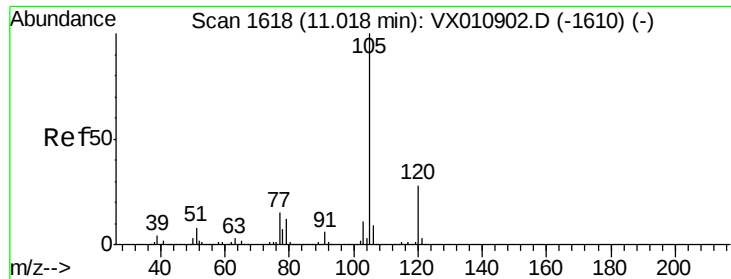


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.110 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

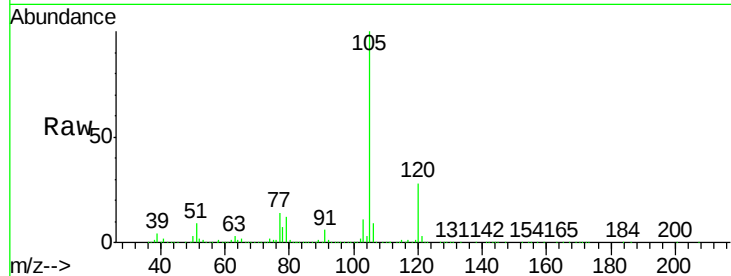
VSTDCCC050EC

Tgt Ion: 105 Resp: 489636

Ion Ratio Lower Upper

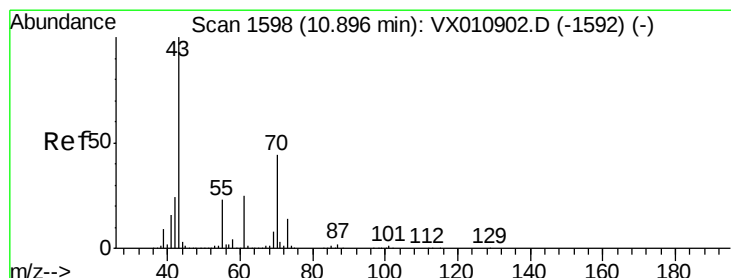
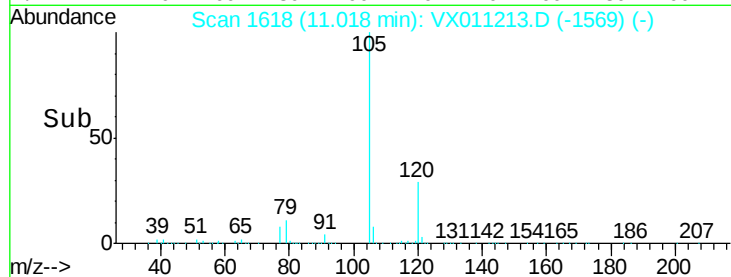
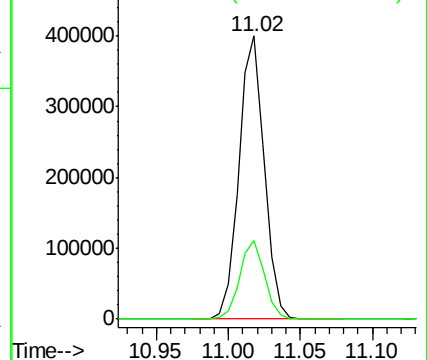
105 100

120 27.3 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.676 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

Tgt Ion: 43 Resp: 197063

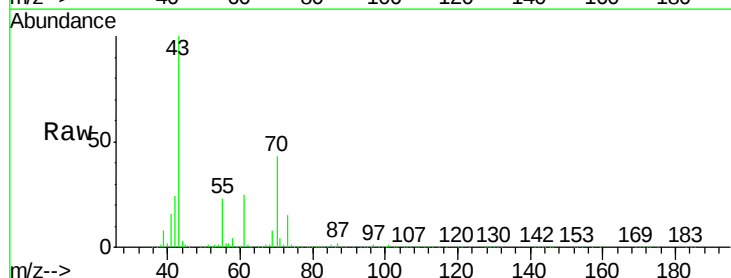
Ion Ratio Lower Upper

43 100

70 43.2 34.7 52.1

55 23.5 19.1 28.7

61 24.9 19.9 29.9

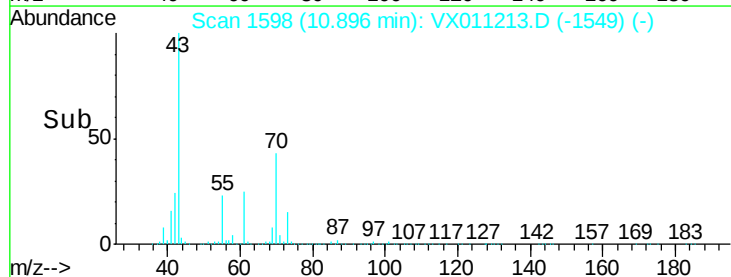
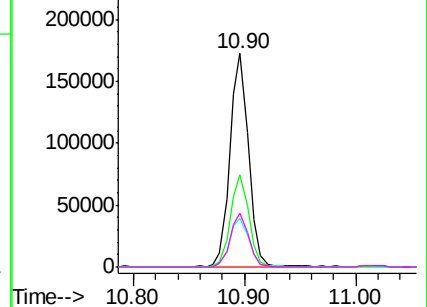


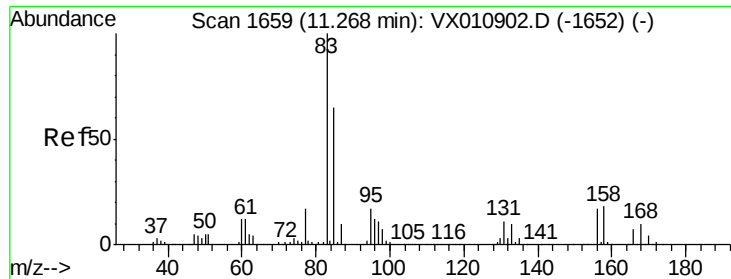
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.166 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

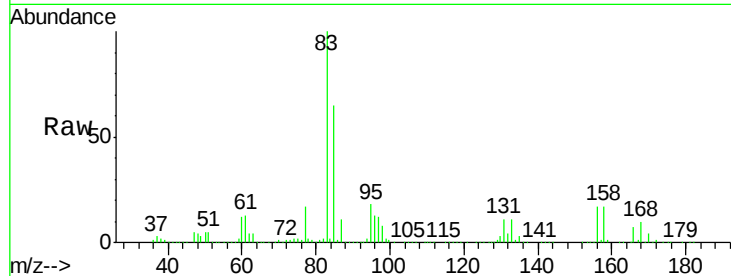
Tgt Ion: 83 Resp: 163754

Ion Ratio Lower Upper

83 100

131 11.5 5.5 16.4

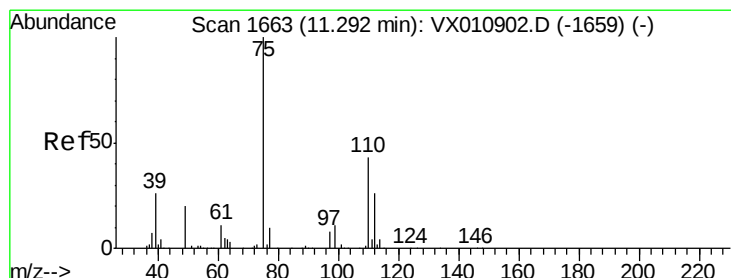
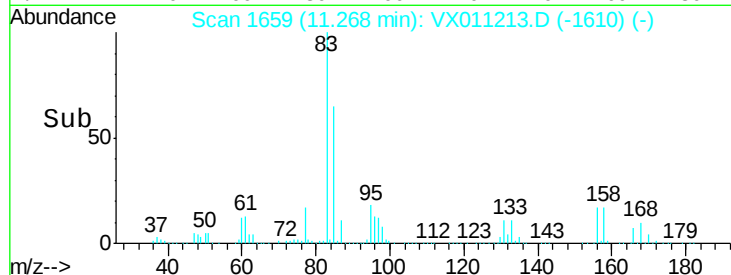
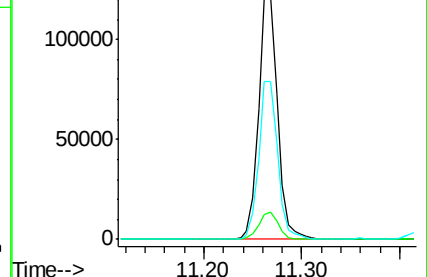
85 65.2 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 65.570 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX011213.D

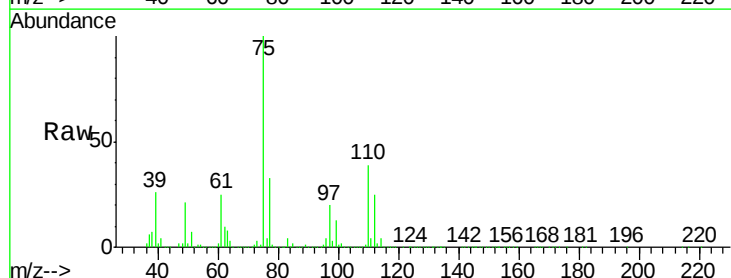
Acq: 30 Jul 2019 22:21

Tgt Ion: 75 Resp: 178220

Ion Ratio Lower Upper

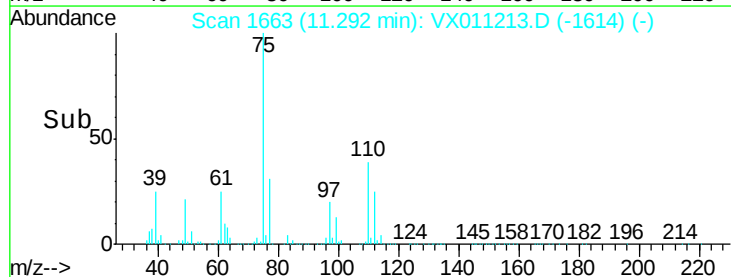
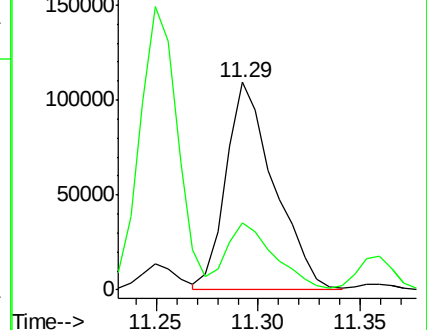
75 100

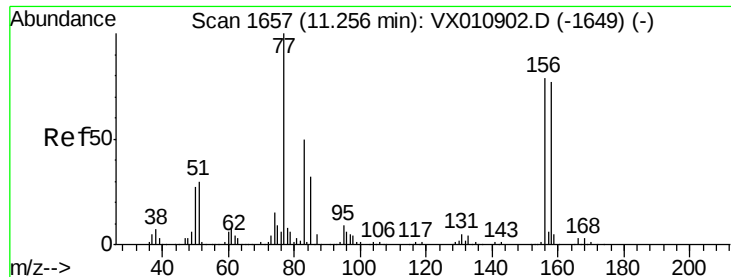
77 32.1 21.3 64.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.688 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

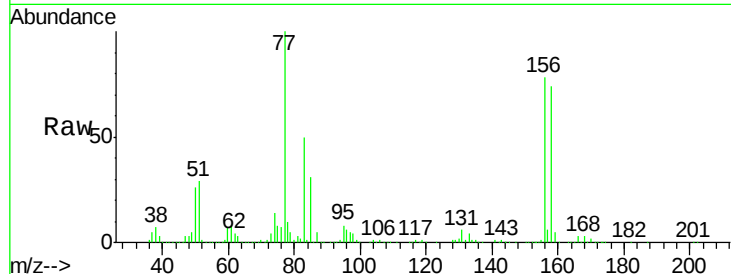
Tgt Ion:156 Resp: 133872

Ion Ratio Lower Upper

156 100

77 142.4 68.7 206.1

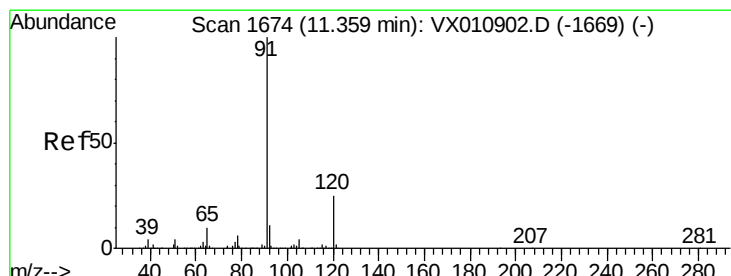
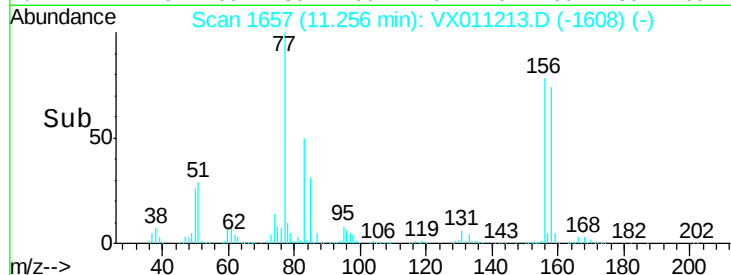
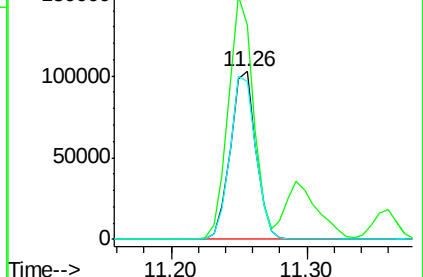
158 98.0 47.9 143.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.152 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX011213.D

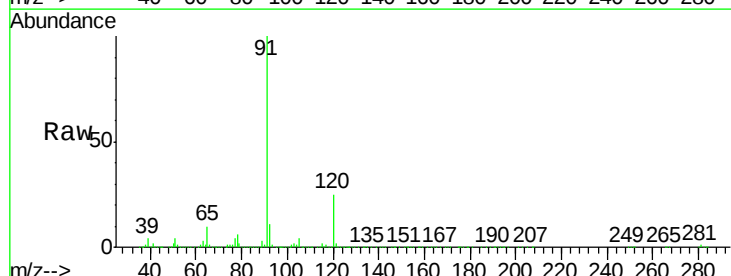
Acq: 30 Jul 2019 22:21

Tgt Ion: 91 Resp: 552718

Ion Ratio Lower Upper

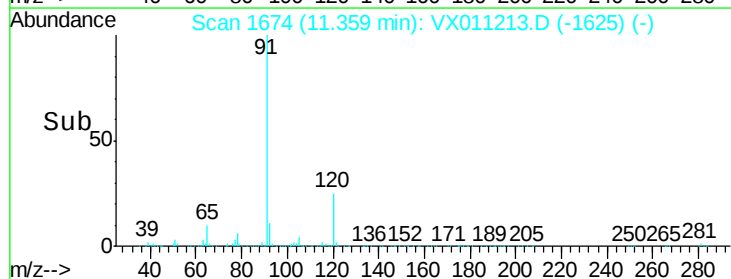
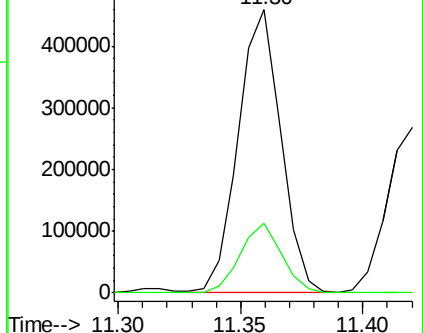
91 100

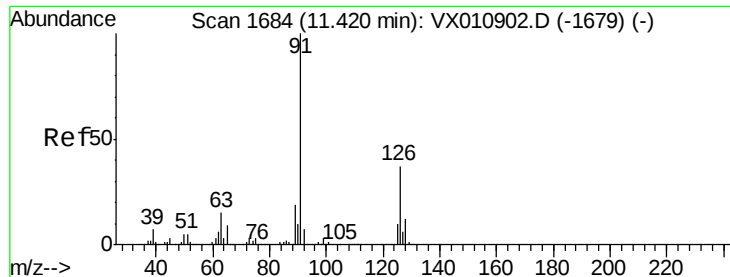
120 24.2 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.695 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

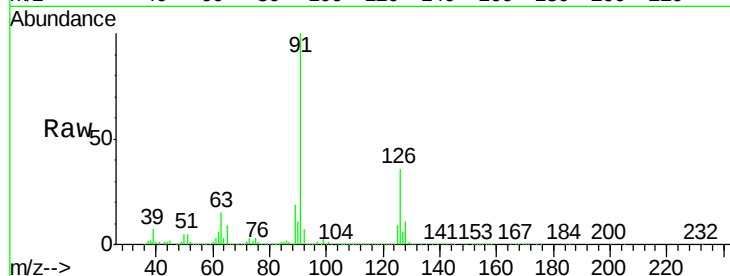
VSTDCCC050EC

Tgt Ion: 91 Resp: 328944

Ion Ratio Lower Upper

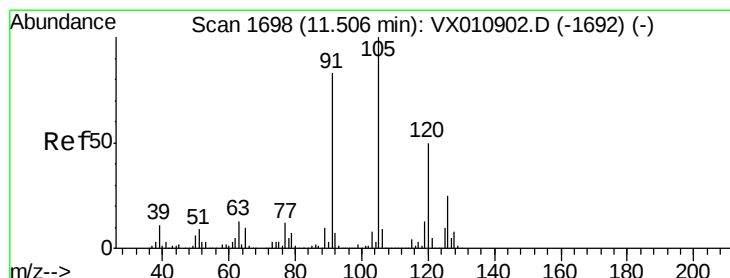
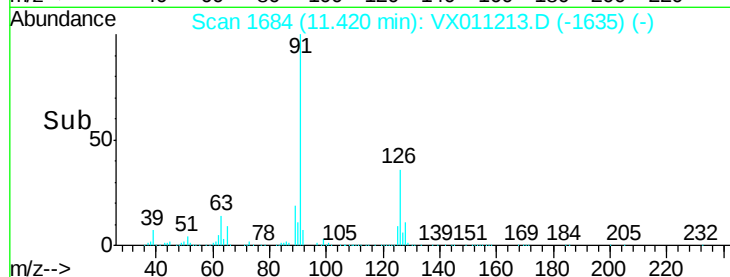
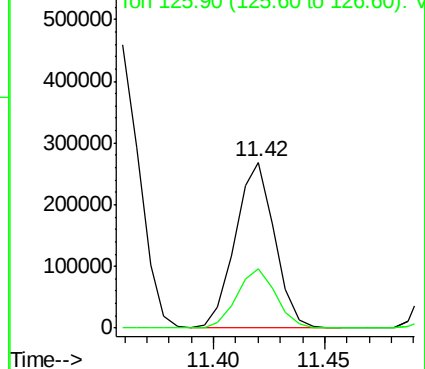
91 100

126 35.9 18.0 54.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 49.551 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011213.D

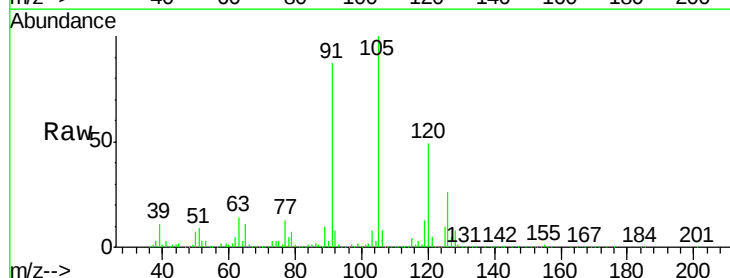
Acq: 30 Jul 2019 22:21

Tgt Ion: 105 Resp: 421390

Ion Ratio Lower Upper

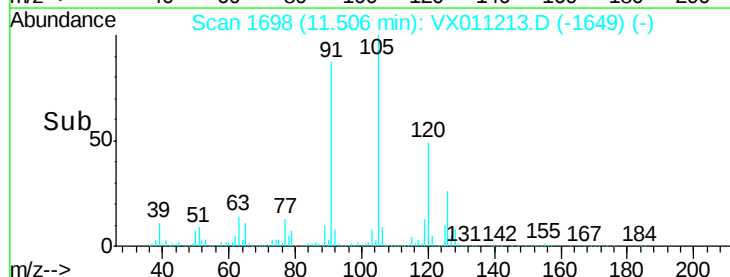
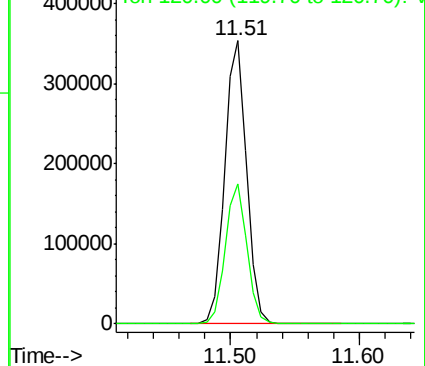
105 100

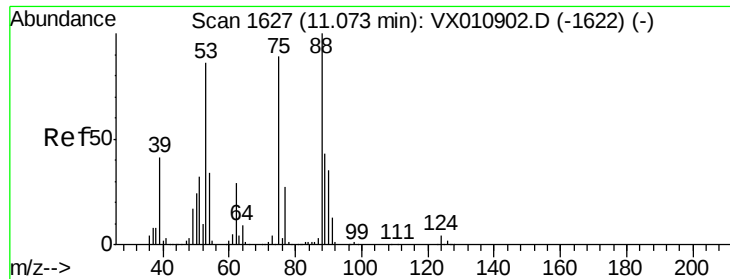
120 49.1 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

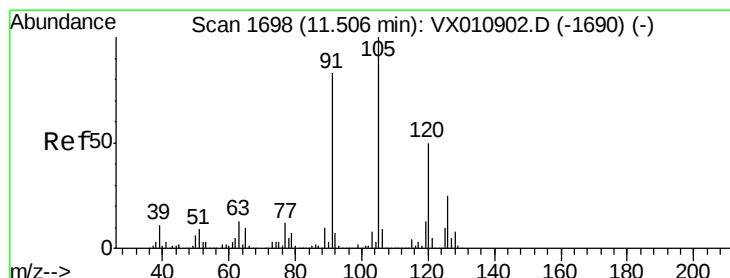
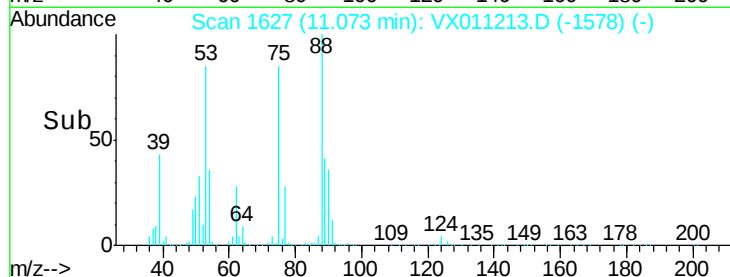
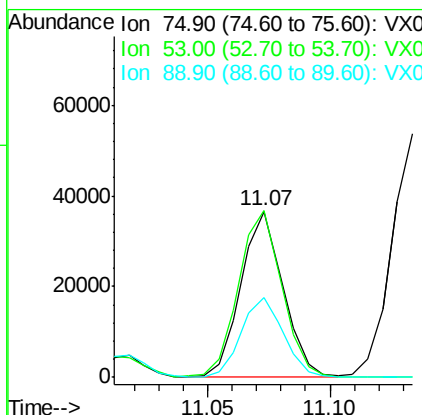
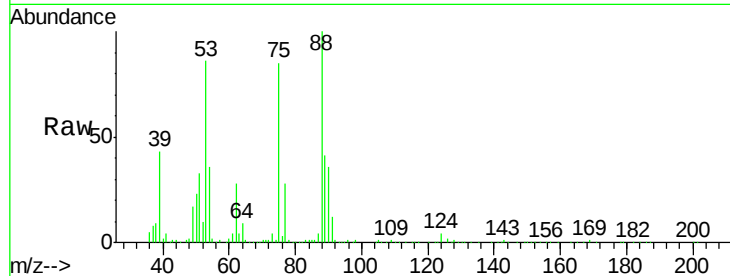




#81
trans-1,4-Dichloro-2-butene
Concen: 41.375 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX011213.D
Acq: 30 Jul 2019 22:21

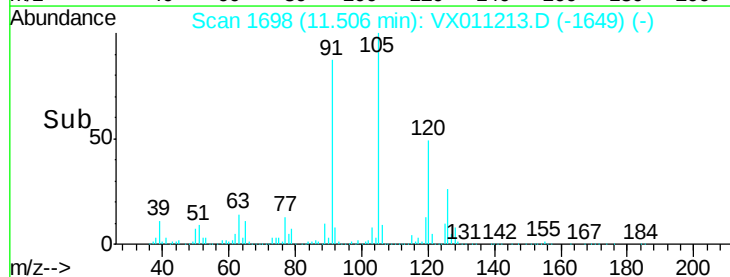
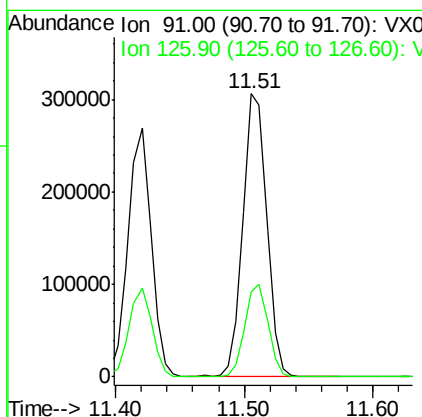
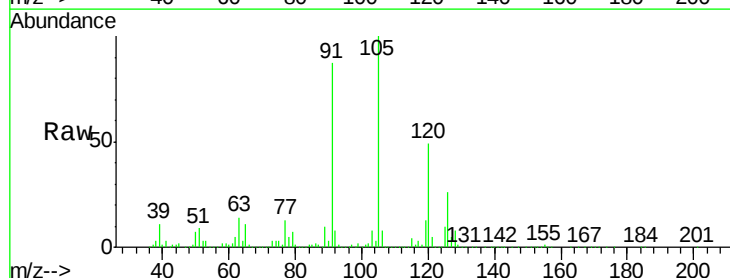
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 43587
Ion Ratio Lower Upper
75 100
53 103.0 76.7 115.1
89 49.0 38.5 57.7



#82
4-Chlorotoluene
Concen: 49.728 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX011213.D
Acq: 30 Jul 2019 22:21

Tgt Ion: 91 Resp: 390981
Ion Ratio Lower Upper
91 100
126 31.7 15.9 47.7

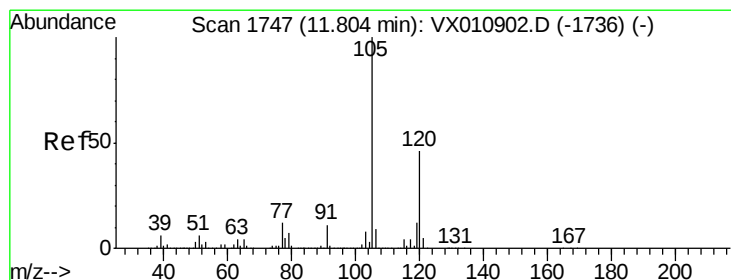
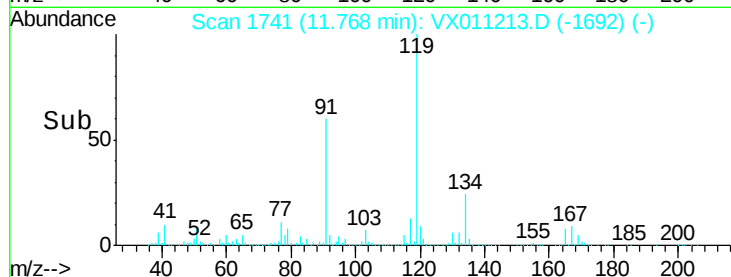
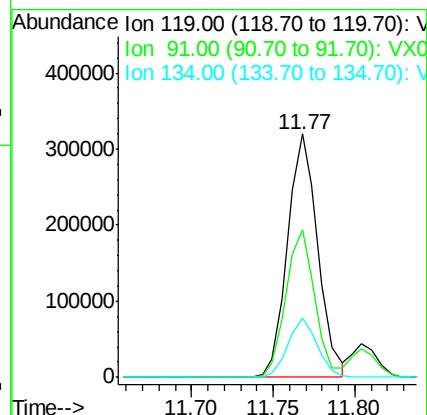
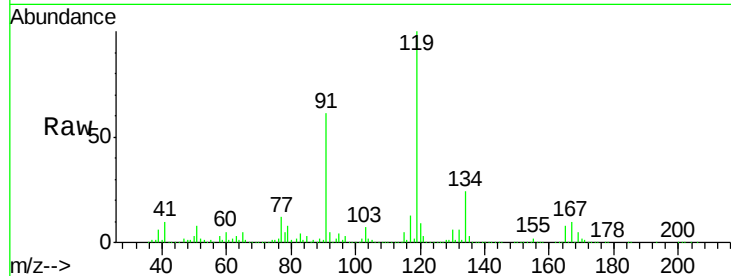




#83
 tert-Butylbenzene
 Concen: 49.534 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX011213.D
 Acq: 30 Jul 2019 22:21

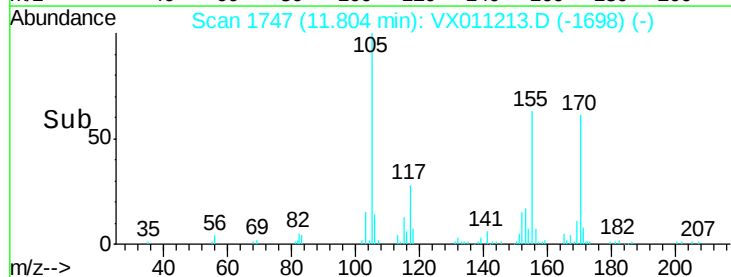
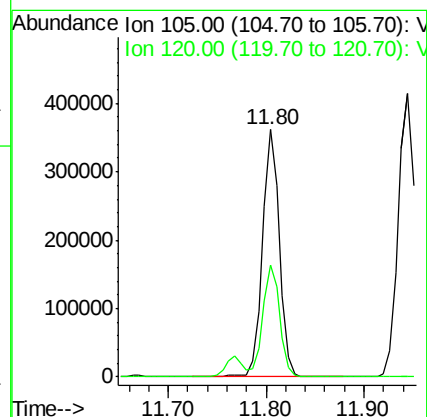
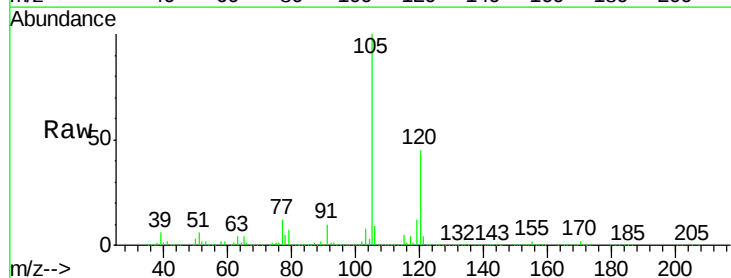
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

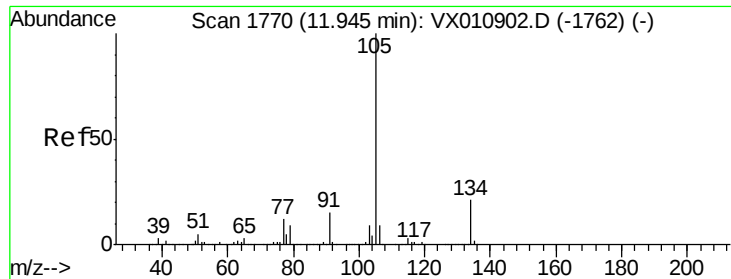
Tgt Ion:119 Resp: 413774
 Ion Ratio Lower Upper
 119 100
 91 58.5 28.6 85.8
 134 23.5 11.6 34.8



#84
 1,2,4-Trimethylbenzene
 Concen: 50.029 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX011213.D
 Acq: 30 Jul 2019 22:21

Tgt Ion:105 Resp: 428818
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.9 68.5

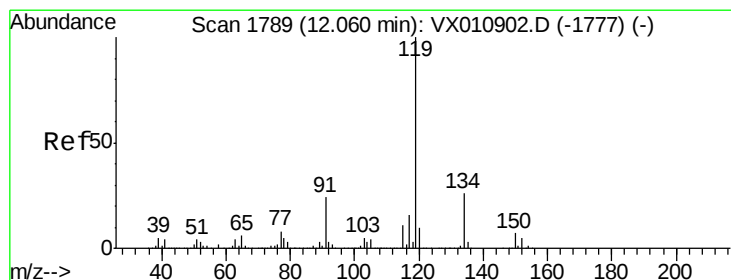
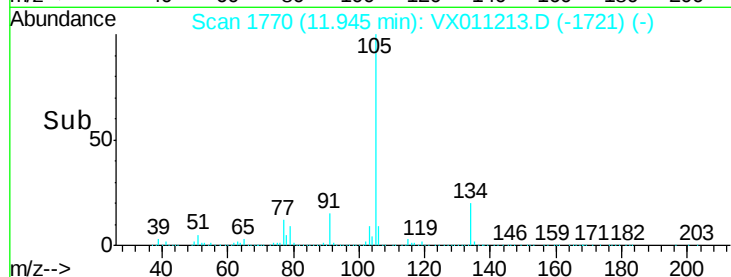
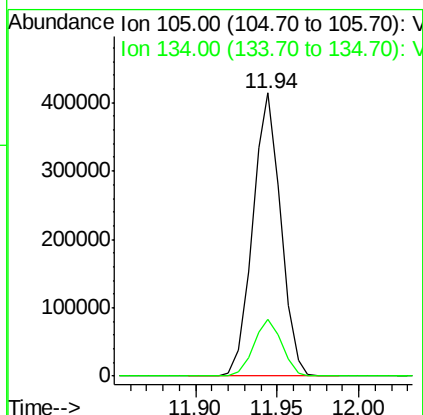
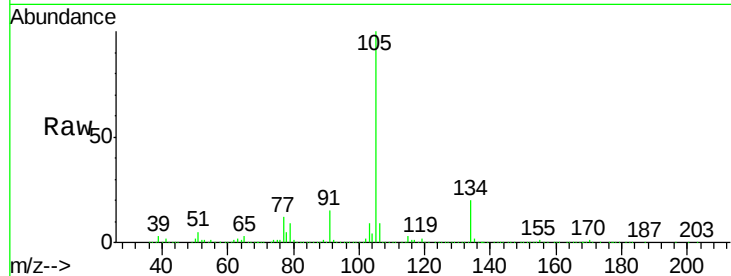




#85
 sec-Butylbenzene
 Concen: 50.449 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX011213.D
 Acq: 30 Jul 2019 22:21

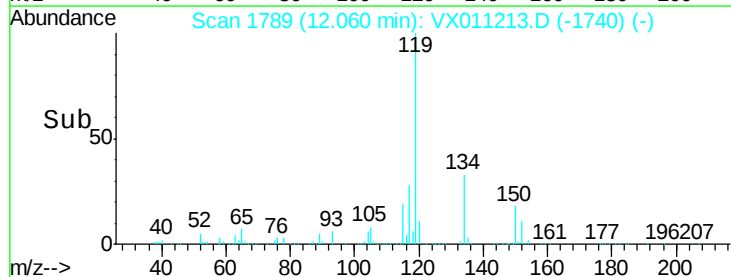
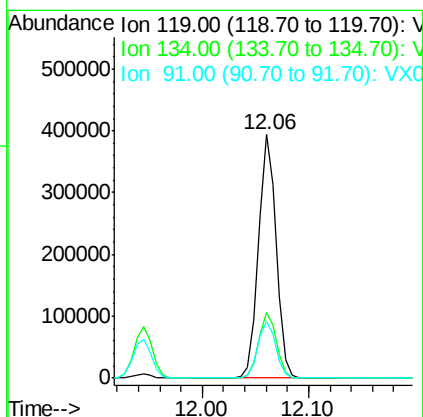
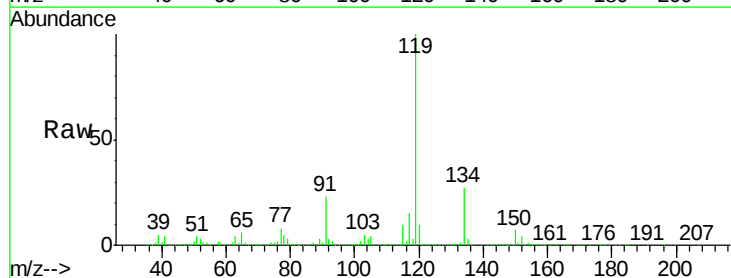
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

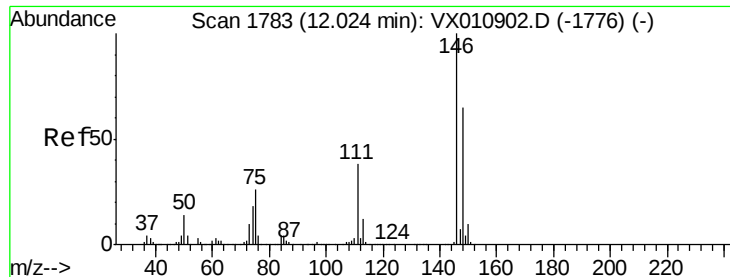
Tgt Ion:105 Resp: 493786
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 50.733 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX011213.D
 Acq: 30 Jul 2019 22:21

Tgt Ion:119 Resp: 459072
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.4 40.1
 91 23.8 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 49.961 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

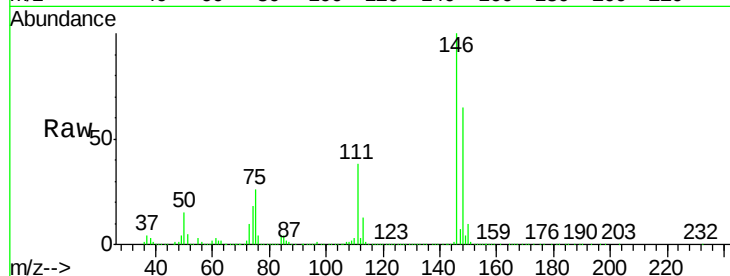
Tgt Ion:146 Resp: 243399

Ion Ratio Lower Upper

146 100

111 38.5 18.9 56.9

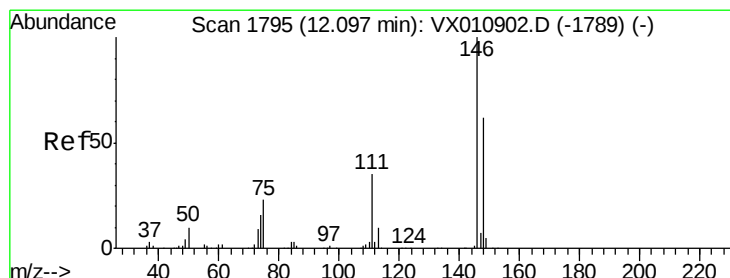
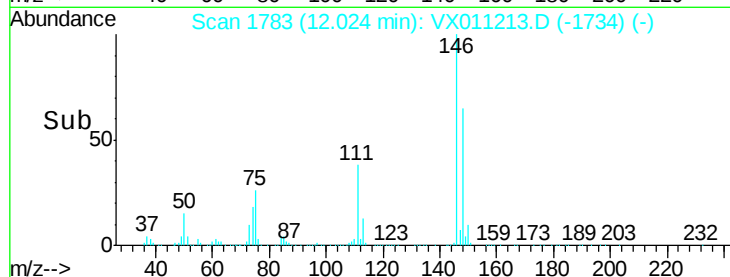
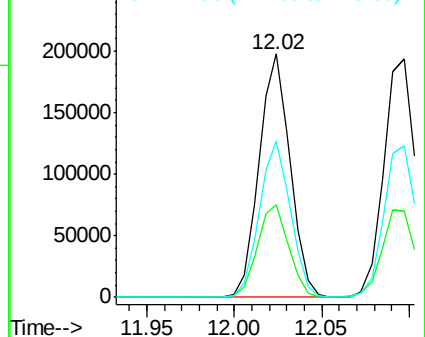
148 64.2 32.2 96.6



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: 48.860 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

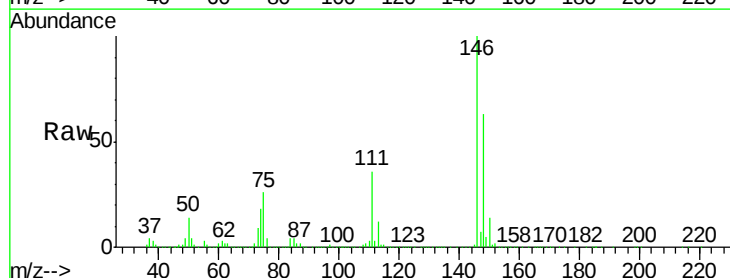
Tgt Ion:146 Resp: 244131

Ion Ratio Lower Upper

146 100

111 38.1 18.6 55.8

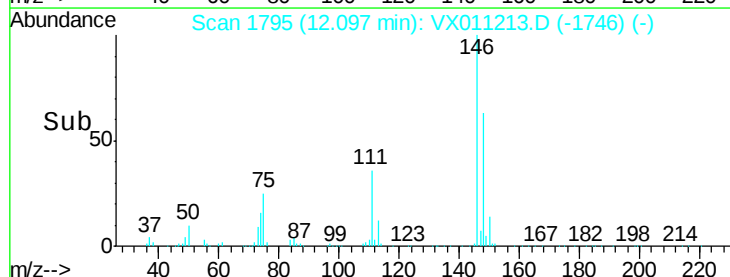
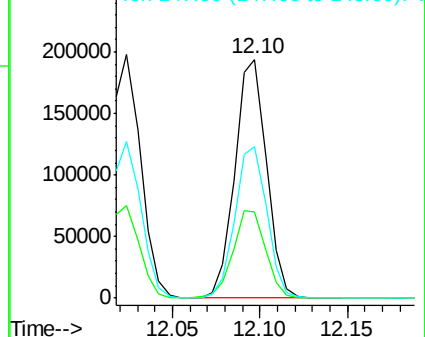
148 63.9 31.6 94.7

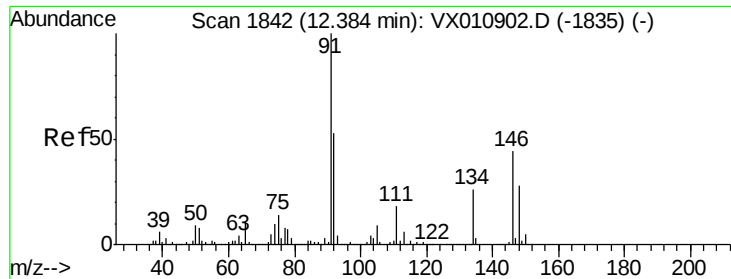


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

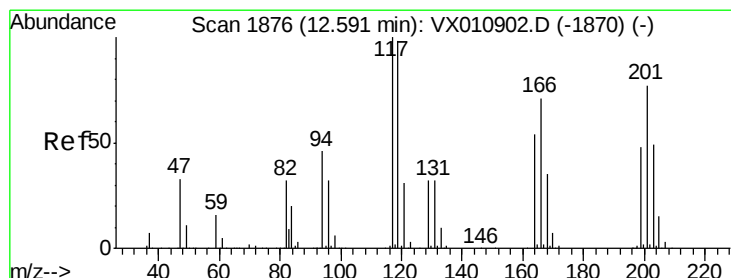
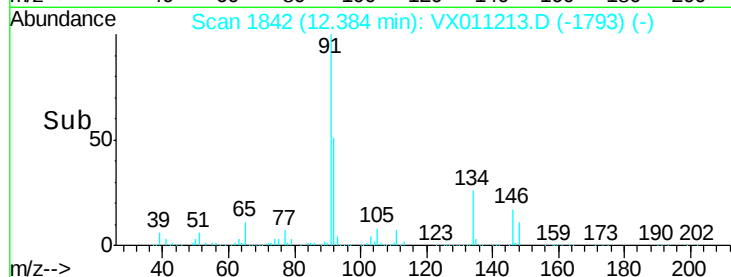
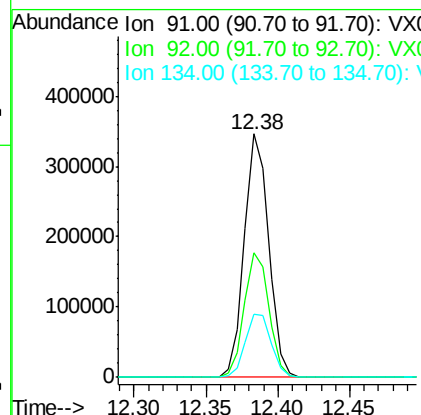
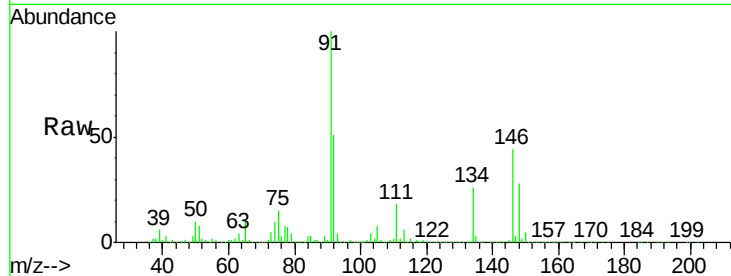




#89
n-Butylbenzene
Concen: 52.507 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX011213.D
Acq: 30 Jul 2019 22:21

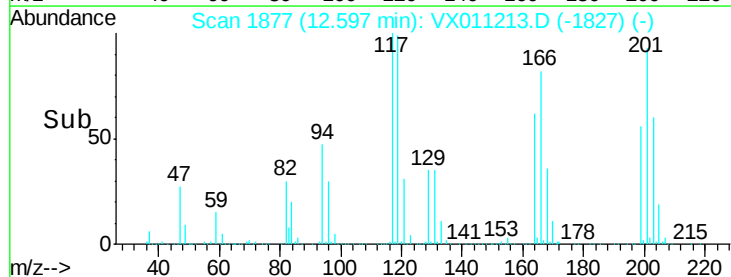
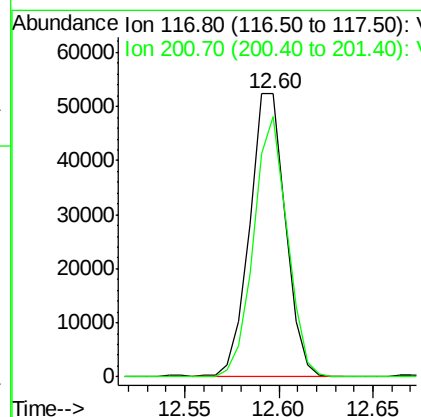
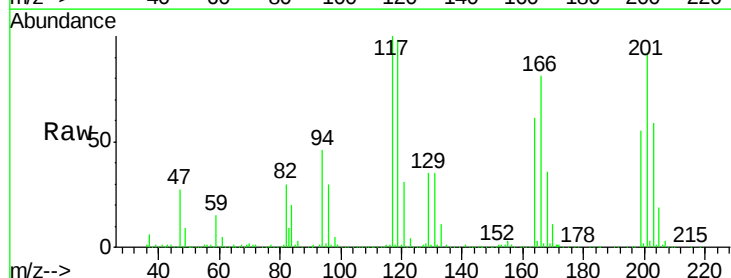
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

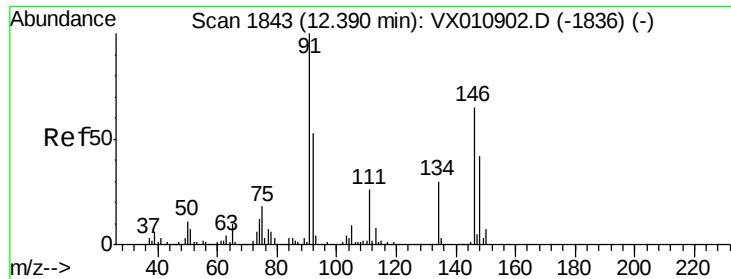
Tgt Ion: 91 Resp: 406483
Ion Ratio Lower Upper
91 100
92 52.1 26.2 78.5
134 27.6 13.8 41.3



#90
Hexachloroethane
Concen: 48.300 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VX011213.D
Acq: 30 Jul 2019 22:21

Tgt Ion: 117 Resp: 68936
Ion Ratio Lower Upper
117 100
201 86.6 43.3 129.8





#91

1,2-Dichlorobenzene

Concen: 49.342 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

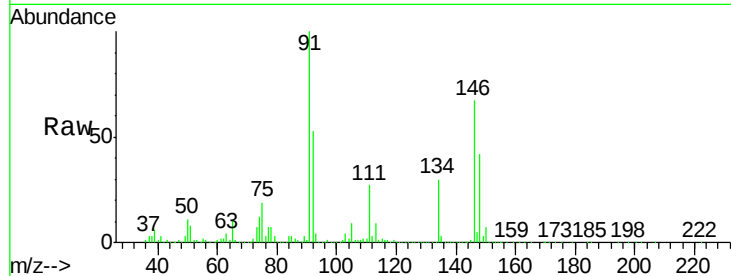
Tgt Ion:146 Resp: 238238

Ion Ratio Lower Upper

146 100

111 39.7 19.9 59.7

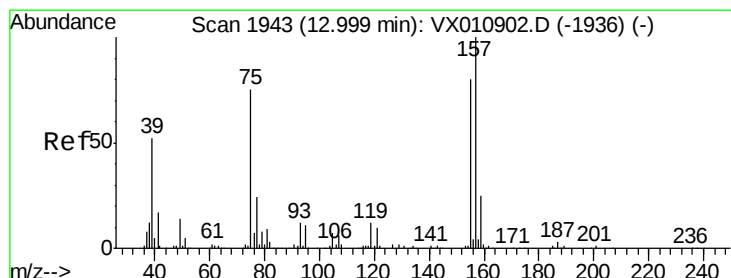
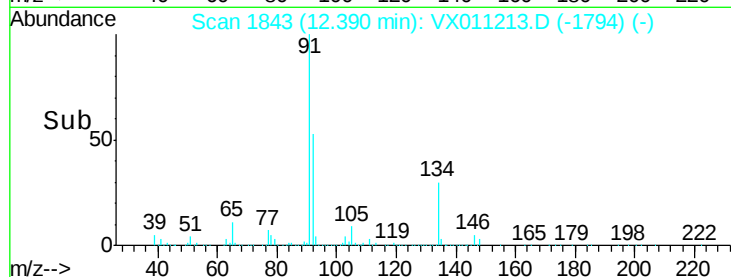
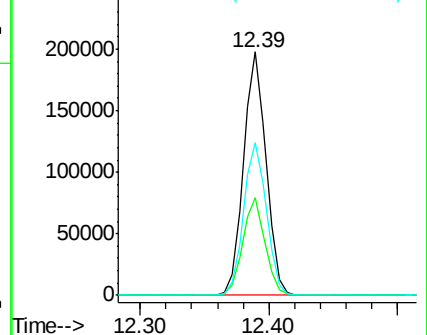
148 63.7 32.0 96.2



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.716 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

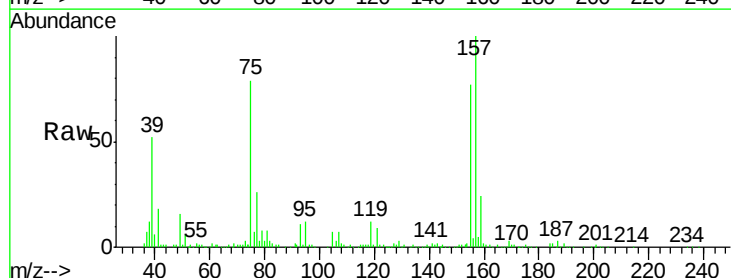
Tgt Ion: 75 Resp: 37397

Ion Ratio Lower Upper

75 100

155 98.3 48.7 146.1

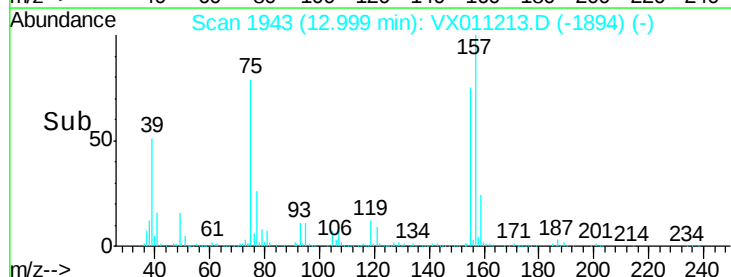
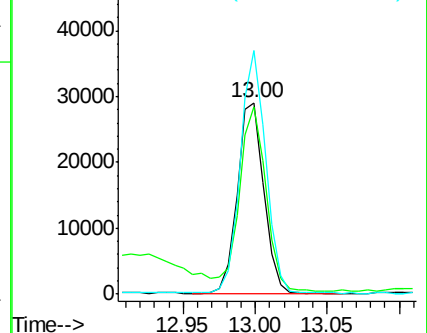
157 120.5 62.5 187.6

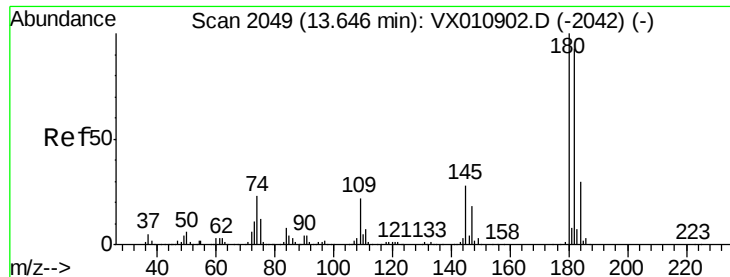


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

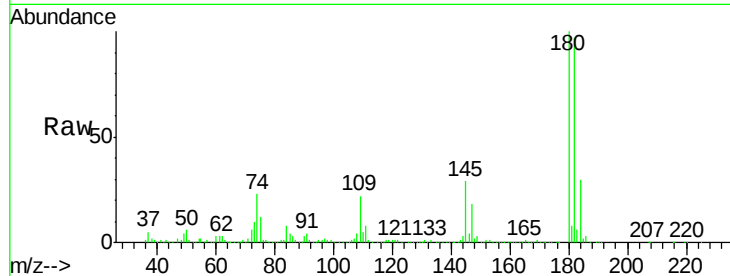




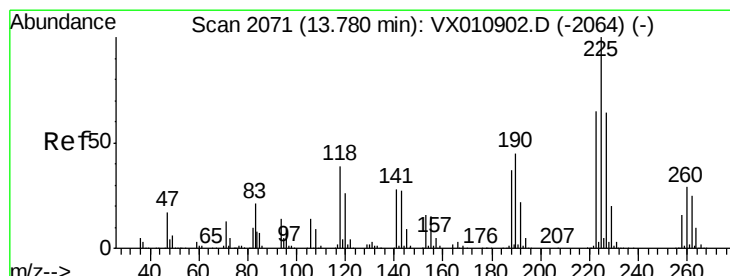
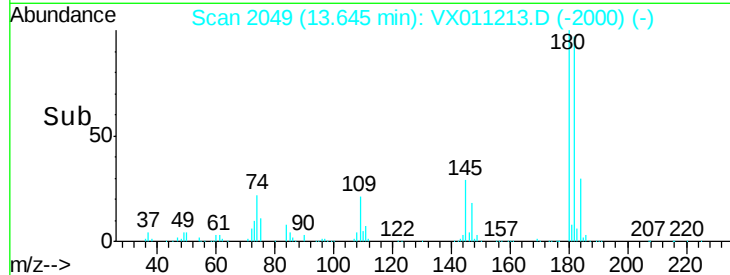
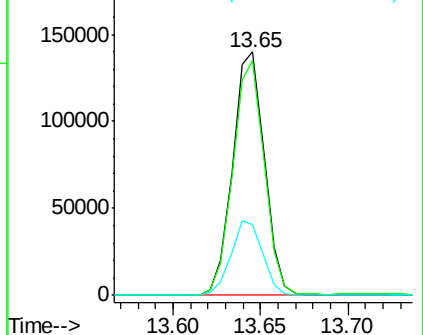
#93
 1,2,4-Trichlorobenzene
 Concen: 53.920 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX011213.D
 Acq: 30 Jul 2019 22:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 176435
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.1 141.3
 145 30.6 14.8 44.4

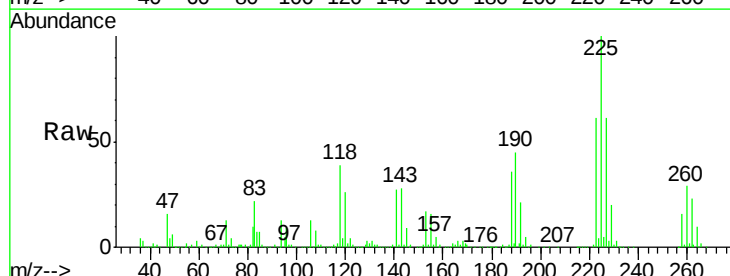


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

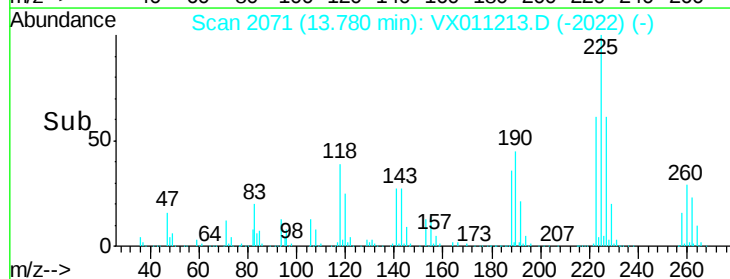
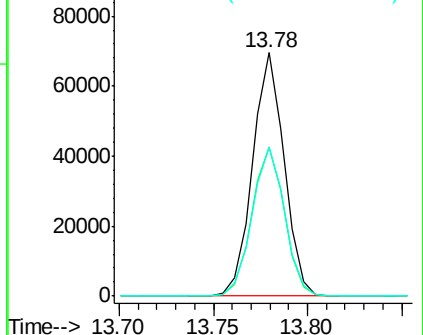


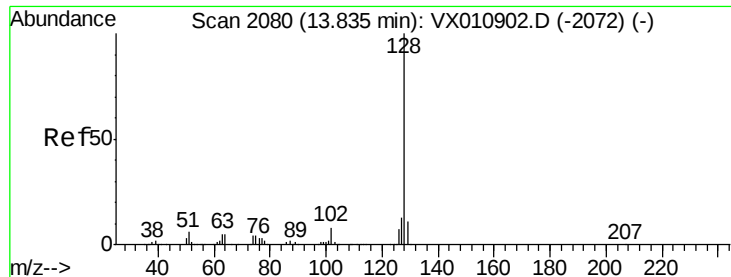
#94
 Hexachlorobutadiene
 Concen: 49.632 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX011213.D
 Acq: 30 Jul 2019 22:21

Tgt Ion:225 Resp: 80481
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.9 95.9
 227 63.4 32.5 97.4



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





#95

Naphthalene

Concen: 57.671 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

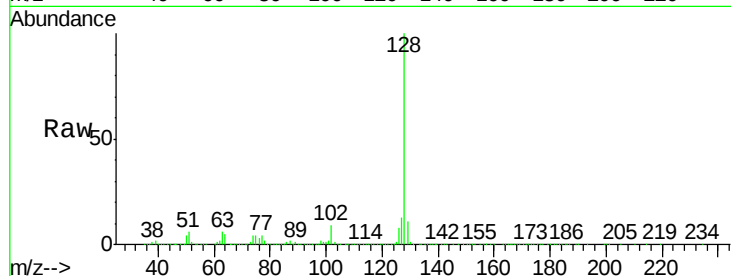
Tgt Ion:128 Resp: 557254

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

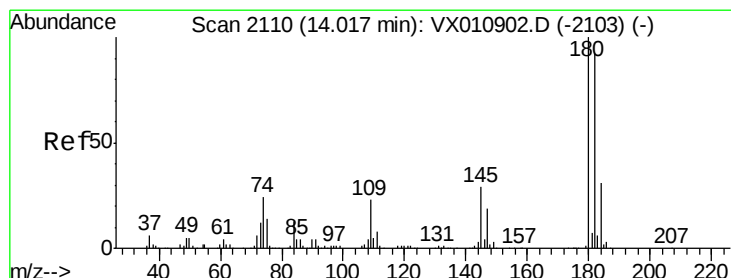
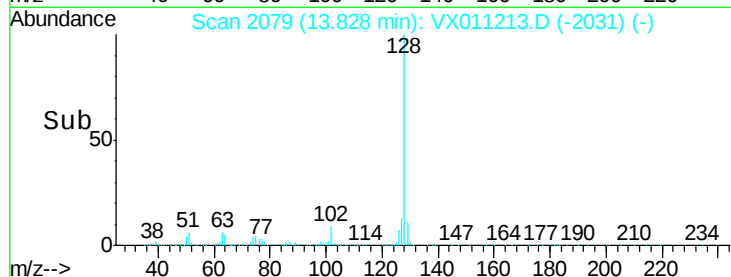
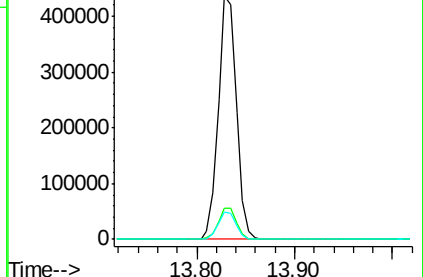
129 11.1 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 53.679 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

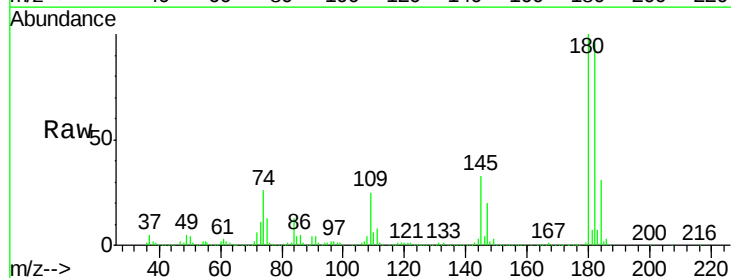
Tgt Ion:180 Resp: 174767

Ion Ratio Lower Upper

180 100

182 96.4 47.4 142.3

145 32.5 15.1 45.3



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

