

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX030719\
 Data File : VX007896.D
 Acq On : 07 Mar 2019 20:44
 Operator : JC/SP
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 08 04:46:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	270262	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	396454	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	348131	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	175176	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	139864	49.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.12%	
35) Dibromofluoromethane	5.50	113	124782	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	
50) Toluene-d8	8.71	98	461277	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	
62) 4-Bromofluorobenzene	11.13	95	162399	49.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.46%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	111469	48.276	ug/l	99
3) Chloromethane	1.33	50	143118	48.097	ug/l	98
4) Vinyl Chloride	1.41	62	148297	50.158	ug/l	98
5) Bromomethane	1.64	94	71859	51.832	ug/l	99
6) Chloroethane	1.72	64	97640	49.711	ug/l	98
7) Trichlorofluoromethane	1.93	101	192612	50.037	ug/l	97
8) Diethyl Ether	2.19	74	85557	51.327	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	119002	49.886	ug/l	98
10) Methyl Iodide	2.51	142	182341	53.881	ug/l	99
11) Tert butyl alcohol	3.07	59	157175	246.518	ug/l	99
12) 1,1-Dichloroethene	2.37	96	115163	50.084	ug/l	97
13) Acrolein	2.30	56	60741	168.849	ug/l	98
14) Allyl chloride	2.73	41	238793	49.421	ug/l	99
15) Acrylonitrile	3.15	53	392785	244.070	ug/l	100
16) Acetone	2.45	43	326023	197.568	ug/l	99
17) Carbon Disulfide	2.57	76	358678	51.379	ug/l	99
18) Methyl Acetate	2.78	43	181772	51.850	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	406492	51.386	ug/l	99
20) Methylene Chloride	2.86	84	128420	48.898	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	124019	49.017	ug/l	99
22) Diisopropyl ether	3.87	45	444842	50.224	ug/l	99
23) Vinyl Acetate	3.82	43	1960534	252.416	ug/l	99
24) 1,1-Dichloroethane	3.70	63	241221	50.608	ug/l	99
25) 2-Butanone	4.70	43	543762	232.752	ug/l	100
26) 2,2-Dichloropropane	4.59	77	146121	46.272	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	144910	50.052	ug/l	99
28) Bromochloromethane	5.02	49	108787	48.955	ug/l	100
29) Tetrahydrofuran	5.15	42	362960	249.070	ug/l	100
30) Chloroform	5.21	83	230249	51.067	ug/l	99
31) Cyclohexane	5.57	56	221907	50.655	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	194249	51.925	ug/l	99
36) 1,1-Dichloropropene	5.80	75	174512	48.613	ug/l	100
37) Ethyl Acetate	4.85	43	206347	48.438	ug/l	100
38) Carbon Tetrachloride	5.78	117	174658	51.249	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	216368	49.741	ug/l	99
40) Benzene	6.14	78	536777	50.227	ug/l	100
41) Methacrylonitrile	5.06	41	116090	49.984	ug/l	99
42) 1,2-Dichloroethane	6.20	62	173764	49.718	ug/l	100
43) Isopropyl Acetate	6.46	43	320949	50.907	ug/l	100
44) Trichloroethene	7.21	130	145942	49.553	ug/l	100
45) 1,2-Dichloropropane	7.51	63	143605	50.876	ug/l	99
46) Dibromomethane	7.66	93	89484	50.094	ug/l	99
47) Bromodichloromethane	7.90	83	175318	51.765	ug/l	99
48) Methyl methacrylate	7.77	41	167522	50.539	ug/l	99
49) 1,4-Dioxane	7.75	88	66648	978.794	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	1016496	250.705	ug/l	99
52) Toluene	8.79	92	327519	50.197	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	188056	53.199	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	211405	52.960	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	135361	51.248	ug/l	99
56) Ethyl methacrylate	9.18	69	208714	52.629	ug/l	99
57) 1,3-Dichloropropane	9.37	76	225257	50.792	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	519586	253.285	ug/l	100
59) 2-Hexanone	9.49	43	761929	242.046	ug/l	99
60) Dibromochloromethane	9.59	129	146151	52.939	ug/l	99
61) 1,2-Dibromoethane	9.67	107	142820	50.929	ug/l	99
64) Tetrachloroethene	9.34	164	136607	47.352	ug/l	99
65) Chlorobenzene	10.14	112	360479	49.483	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	134413	51.481	ug/l	99
67) Ethyl Benzene	10.25	91	609942	50.864	ug/l	100
68) m/p-Xylenes	10.36	106	471615	102.032	ug/l	100
69) o-Xylene	10.69	106	228691	51.248	ug/l	99
70) Styrene	10.71	104	380835	52.153	ug/l	100
71) Bromoform	10.86	173	116807	52.095	ug/l	# 100
73) Isopropylbenzene	11.02	105	606299	51.176	ug/l	100
74) N-amyl acetate	10.90	43	276051	51.039	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	198955	48.684	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	230720	62.765	ug/l	92
77) Bromobenzene	11.26	156	160495	49.411	ug/l	100
78) n-propylbenzene	11.36	91	685178	52.131	ug/l	99
79) 2-Chlorotoluene	11.42	91	404802	50.373	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	502762	51.560	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	58720	51.061	ug/l	100
82) 4-Chlorotoluene	11.51	91	463510	50.330	ug/l	100
83) tert-Butylbenzene	11.77	119	504597	51.373	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	516497	51.670	ug/l	100
85) sec-Butylbenzene	11.94	105	603043	52.130	ug/l	100
86) p-Isopropyltoluene	12.06	119	541151	52.234	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	286247	49.813	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	285238	48.470	ug/l	99
89) n-Butylbenzene	12.38	91	456058	51.959	ug/l	100
90) Hexachloroethane	12.60	117	91449	52.794	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	282074	49.412	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	42216	49.429	ug/l	98

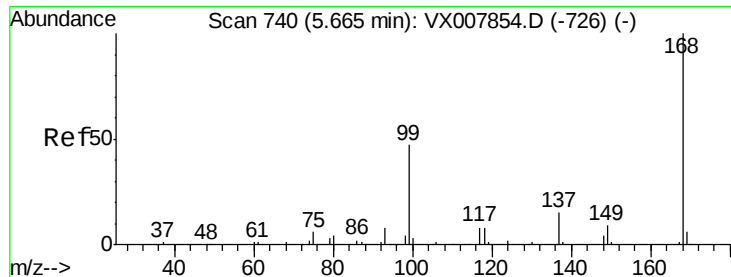
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	203088	50.641	ug/l	99
94) Hexachlorobutadiene	13.78	225	107058	51.061	ug/l	99
95) Naphthalene	13.83	128	608097	52.626	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	202010	50.566	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007896.D

Acq: 07 Mar 2019 20:44

Instrument :

MSVOA_X

ClientSampleId :

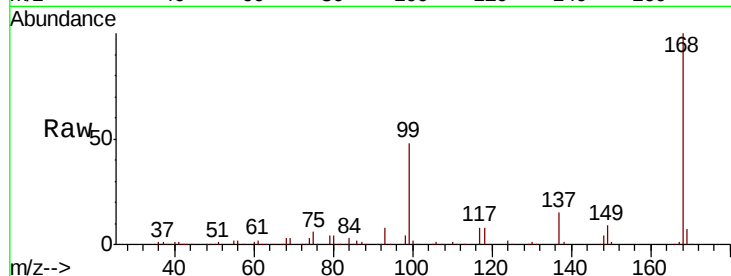
VSTDCCC050EC

Tgt Ion:168 Resp: 270262

Ion Ratio Lower Upper

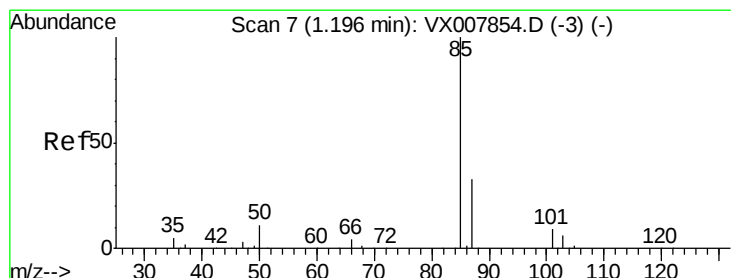
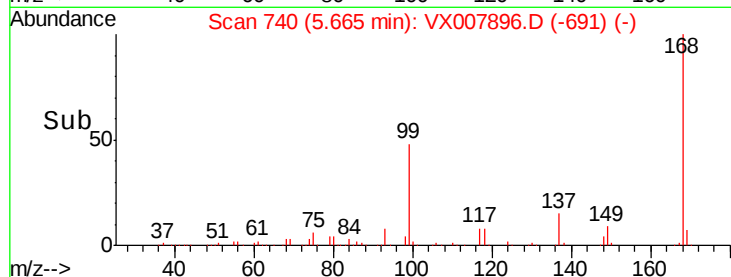
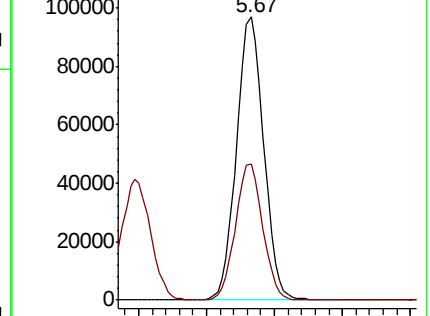
168 100

99 47.8 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 48.276 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX007896.D

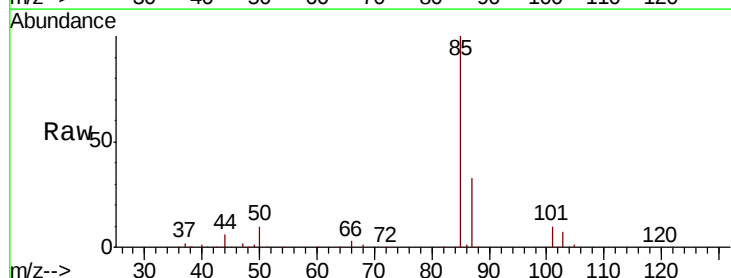
Acq: 07 Mar 2019 20:44

Tgt Ion: 85 Resp: 111469

Ion Ratio Lower Upper

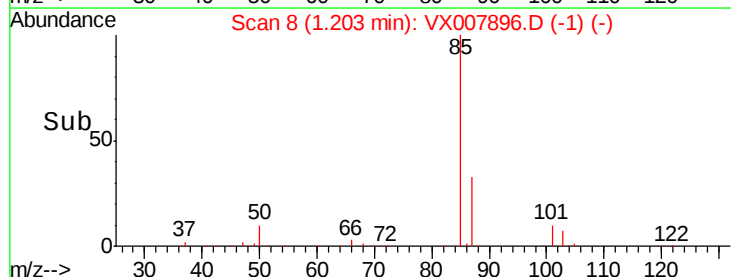
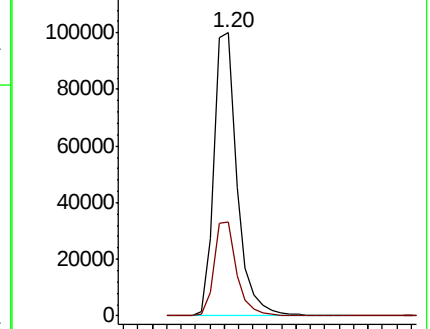
85 100

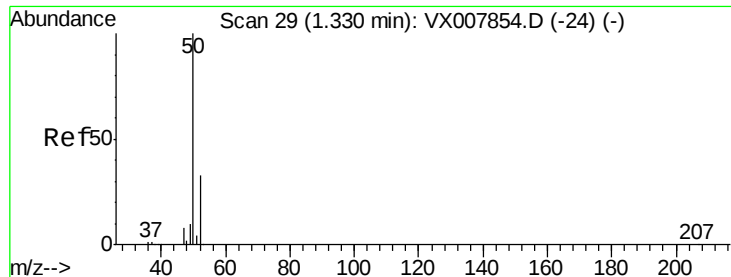
87 33.1 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 48.097 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007896.D

Acq: 07 Mar 2019 20:44

Instrument :

MSVOA_X

ClientSampleId :

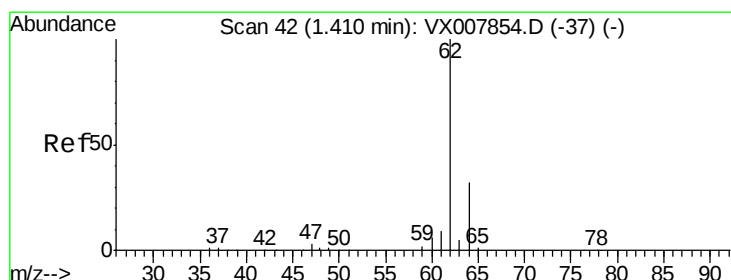
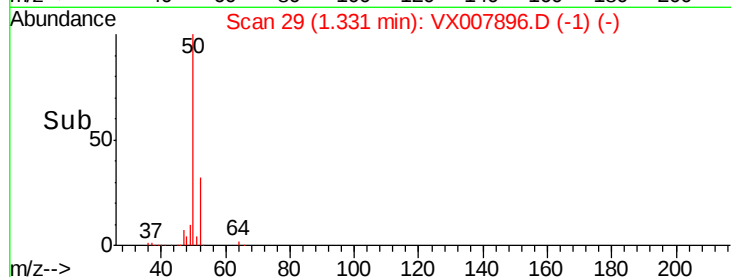
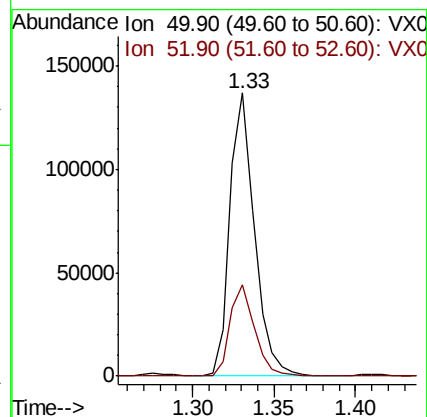
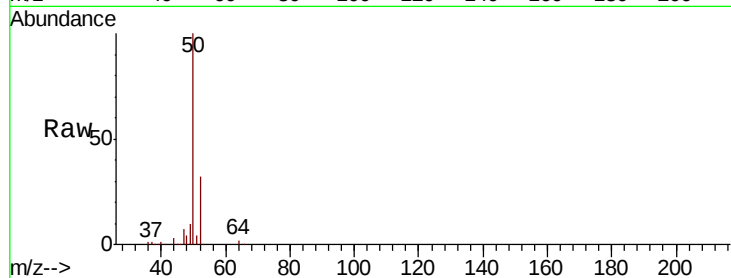
VSTDCCC050EC

Tgt Ion: 50 Resp: 143118

Ion Ratio Lower Upper

50 100

52 32.2 26.5 39.7



#4

Vinyl Chloride

Concen: 50.158 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007896.D

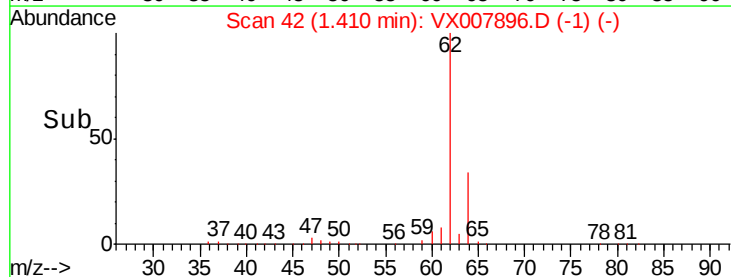
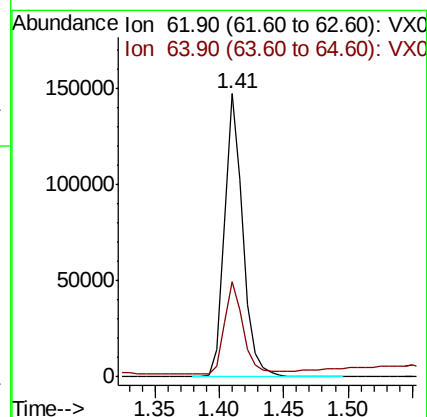
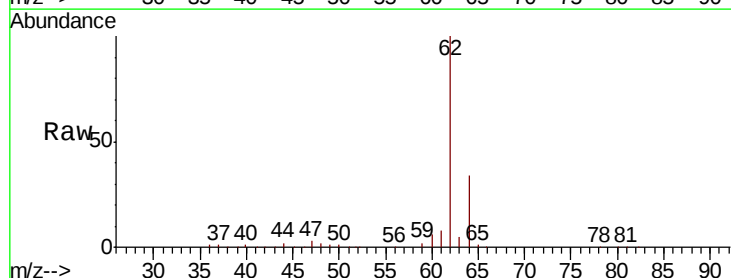
Acq: 07 Mar 2019 20:44

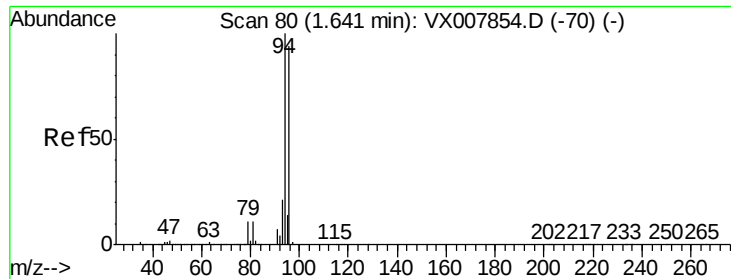
Tgt Ion: 62 Resp: 148297

Ion Ratio Lower Upper

62 100

64 32.6 25.3 37.9





#5

Bromomethane

Concen: 51.832 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007896.D

Acq: 07 Mar 2019 20:44

Instrument :

MSVOA_X

ClientSampleId :

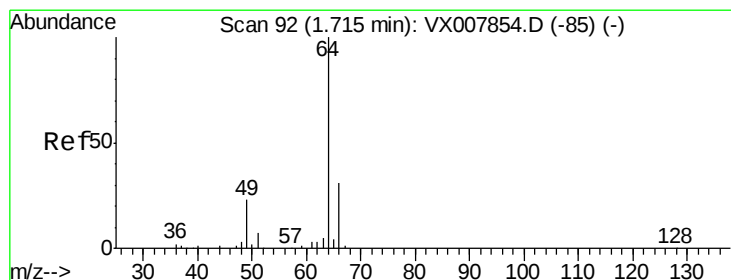
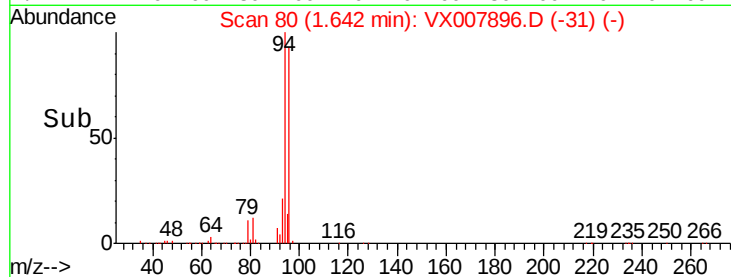
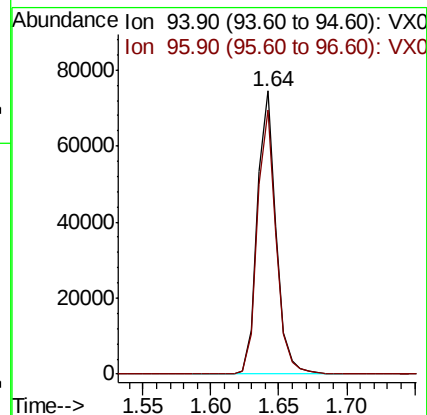
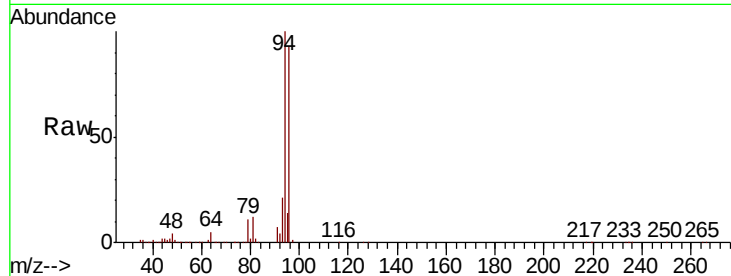
VSTDCCC050EC

Tgt Ion: 94 Resp: 71859

Ion Ratio Lower Upper

94 100

96 93.1 75.5 113.3



#6

Chloroethane

Concen: 49.711 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX007896.D

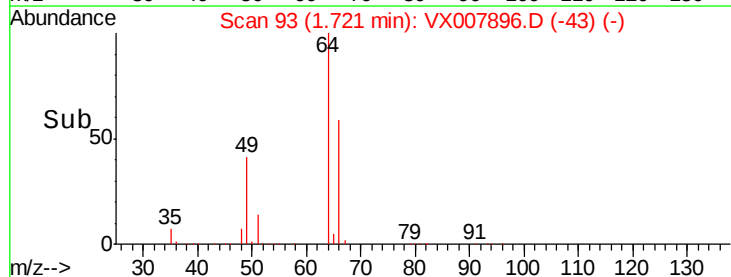
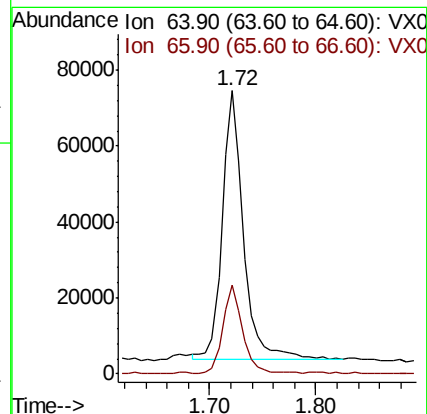
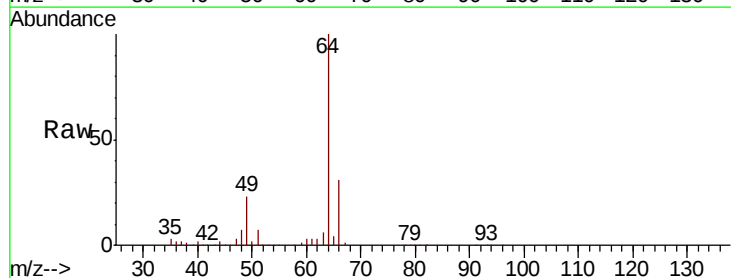
Acq: 07 Mar 2019 20:44

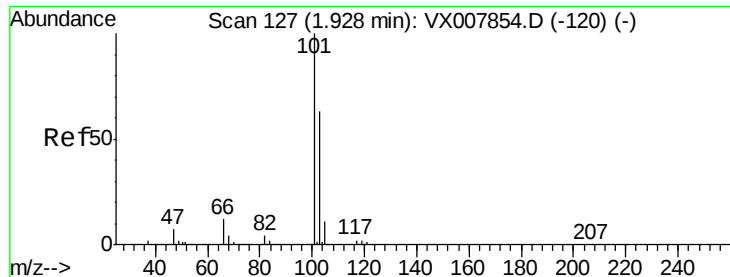
Tgt Ion: 64 Resp: 97640

Ion Ratio Lower Upper

64 100

66 32.5 25.2 37.8



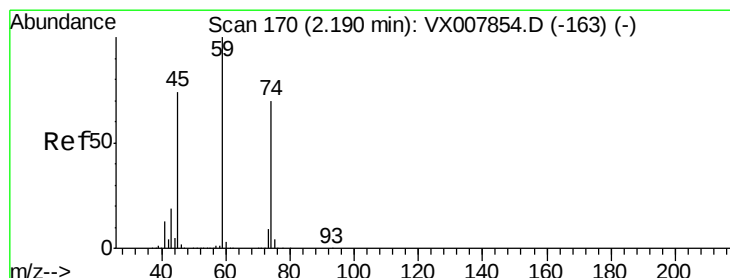
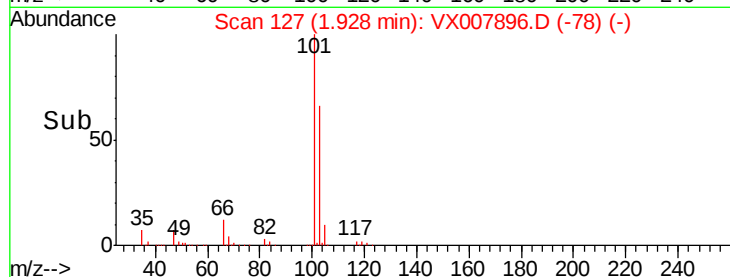
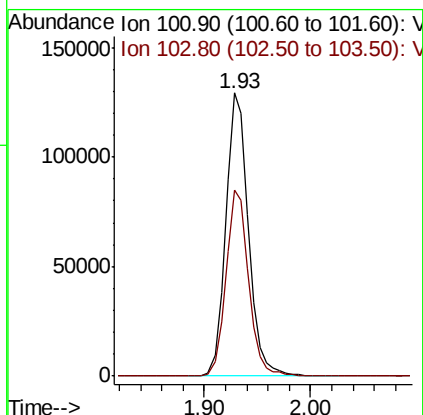
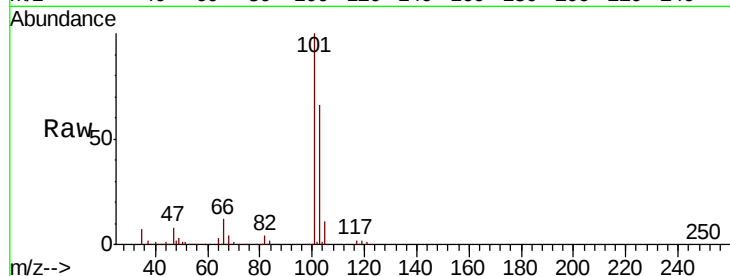


#7

Trichlorofluoromethane
 Concen: 50.037 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.00 min
 Lab File: VX007896.D
 Acq: 07 Mar 2019 20:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

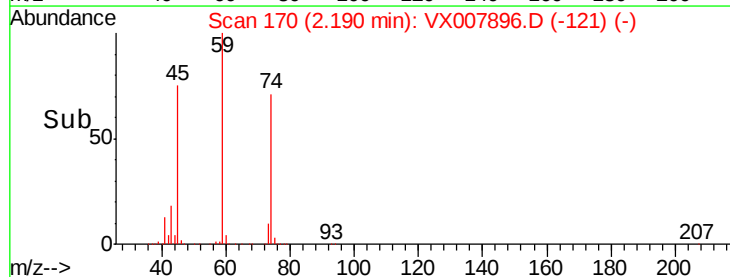
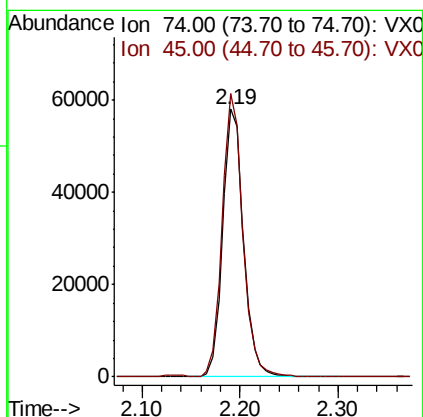
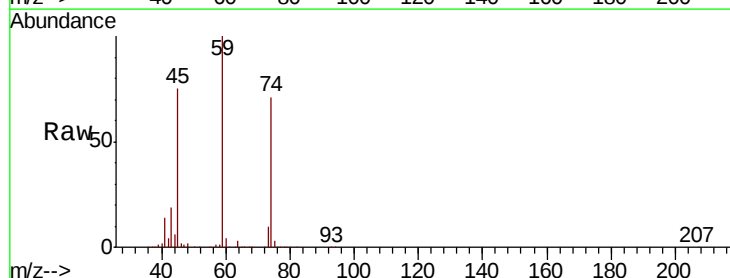
Tgt Ion: 101 Resp: 192612
 Ion Ratio Lower Upper
 101 100
 103 65.6 50.4 75.6

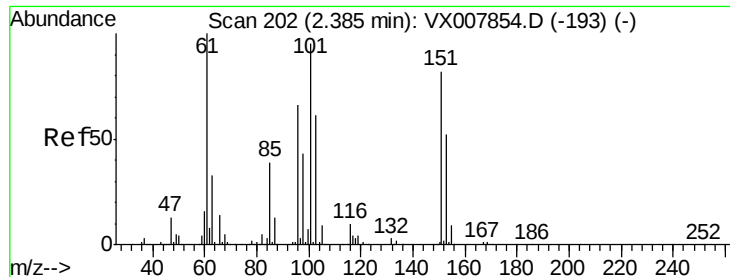


#8

Diethyl Ether
 Concen: 51.327 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX007896.D
 Acq: 07 Mar 2019 20:44

Tgt Ion: 74 Resp: 85557
 Ion Ratio Lower Upper
 74 100
 45 103.7 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.886 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007896.D

Acq: 07 Mar 2019 20:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

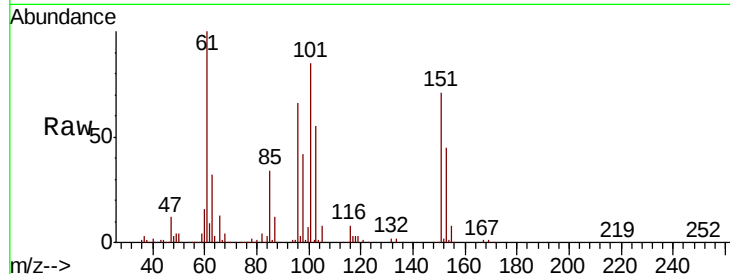
Tgt Ion:101 Resp: 119002

Ion Ratio Lower Upper

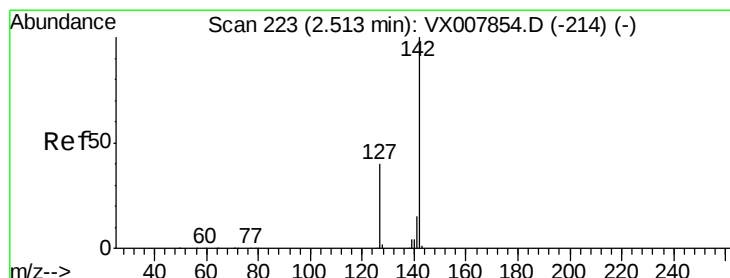
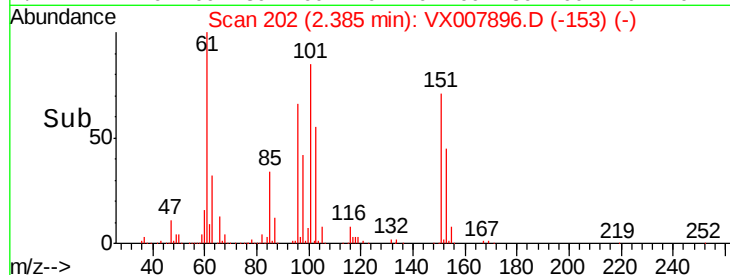
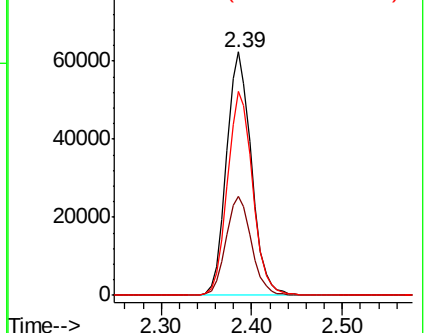
101 100

85 41.5 33.8 50.6

151 84.7 69.1 103.7



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: 53.881 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX007896.D

Acq: 07 Mar 2019 20:44

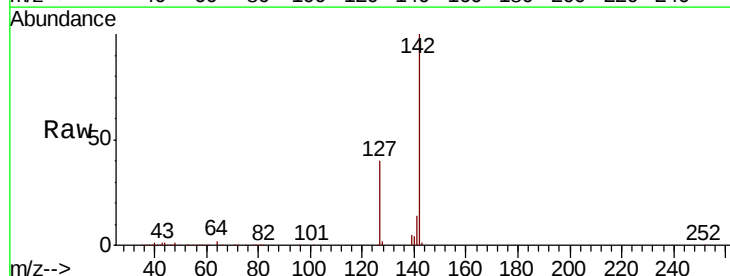
Tgt Ion:142 Resp: 182341

Ion Ratio Lower Upper

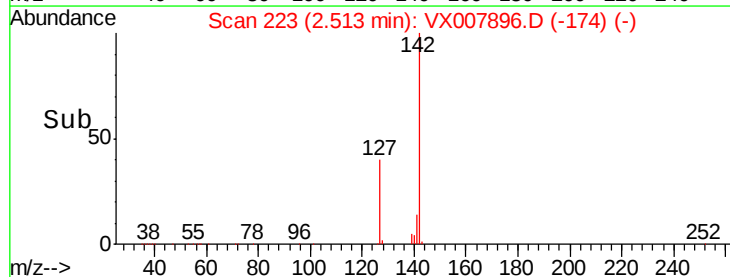
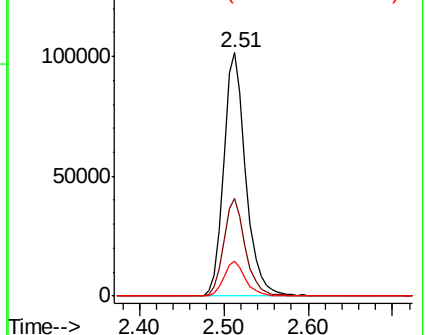
142 100

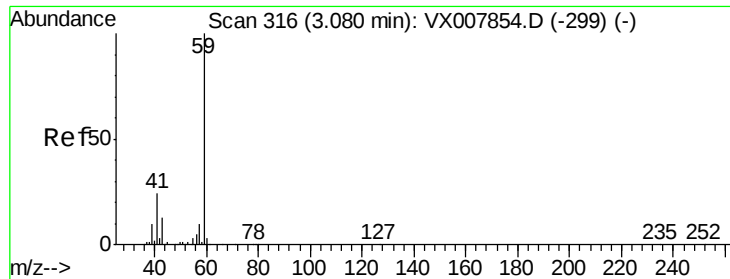
127 39.5 32.1 48.1

141 14.1 11.4 17.2



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

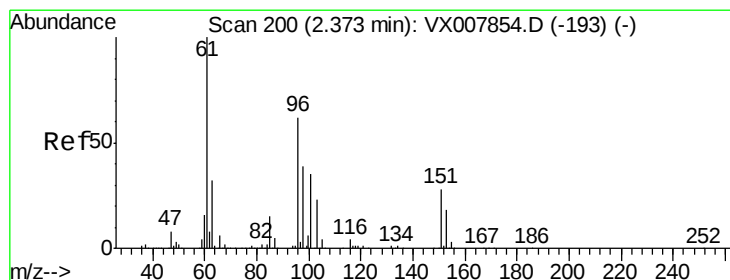
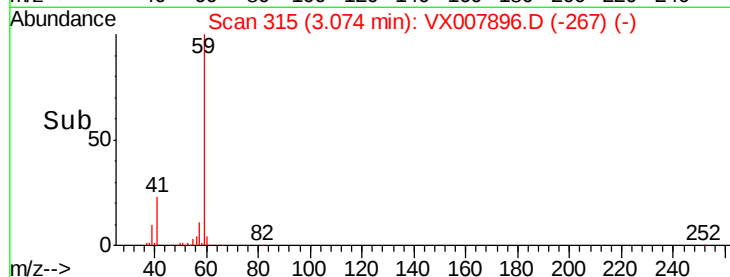
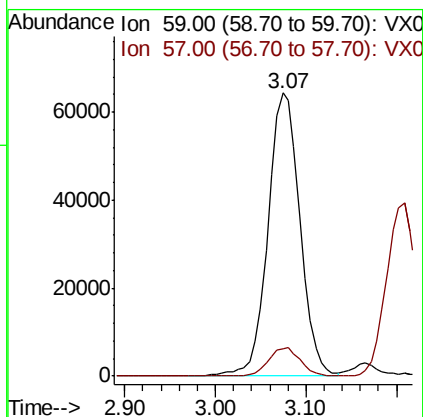
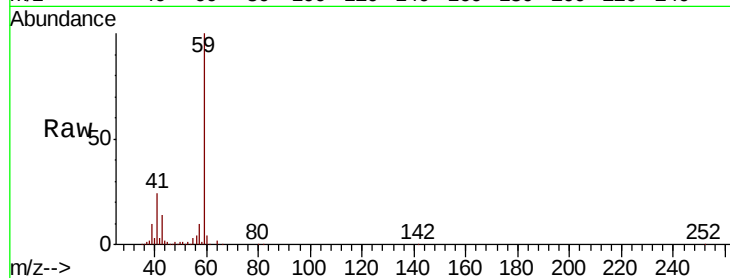




#11
Tert butyl alcohol
Concen: 246.518 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX007896.D
Acq: 07 Mar 2019 20:44

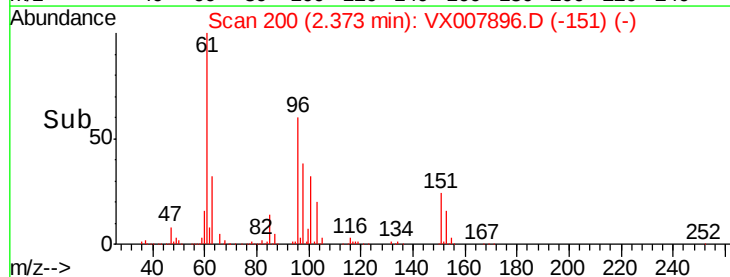
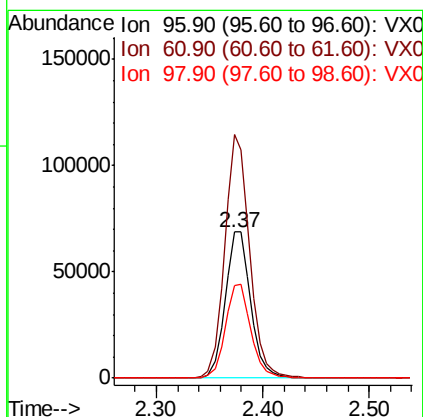
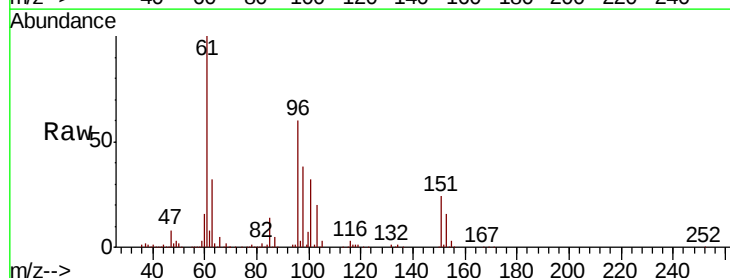
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

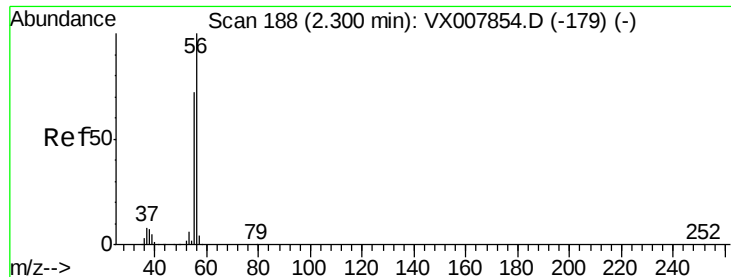
Tgt Ion: 59 Resp: 157175
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.2



#12
1,1-Dichloroethene
Concen: 50.084 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX007896.D
Acq: 07 Mar 2019 20:44

Tgt Ion: 96 Resp: 115163
Ion Ratio Lower Upper
96 100
61 166.8 129.8 194.6
98 63.6 51.0 76.6

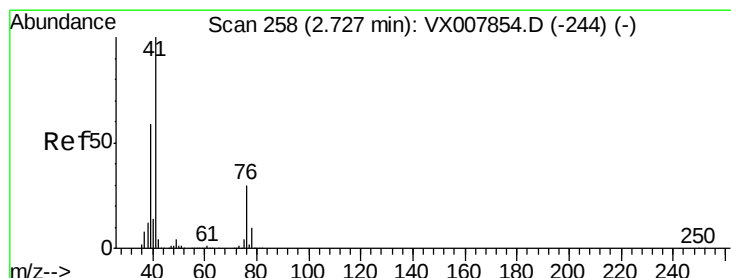
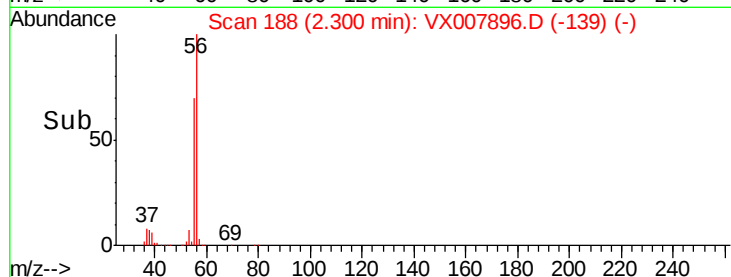
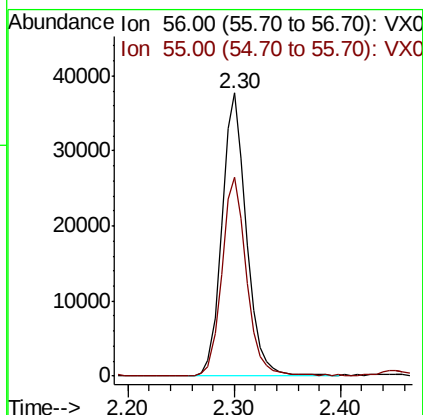
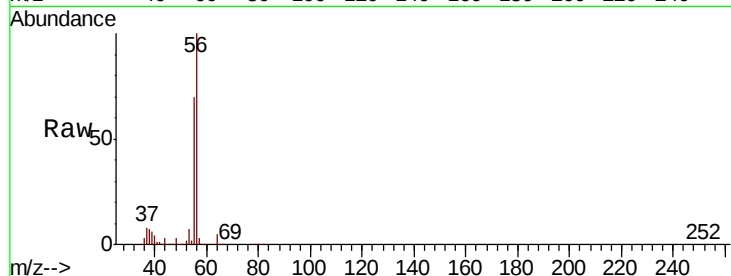




#13
Acrolein
Concen: 168.849 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.00 min
Lab File: VX007896.D
Acq: 07 Mar 2019 20:44

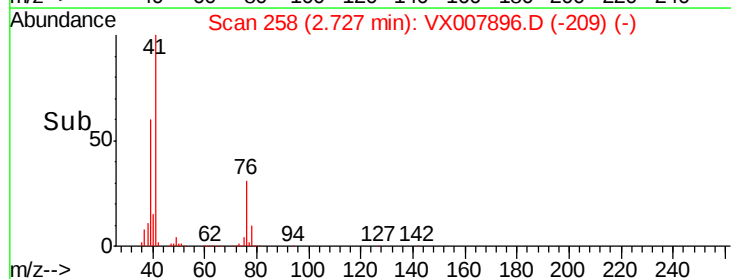
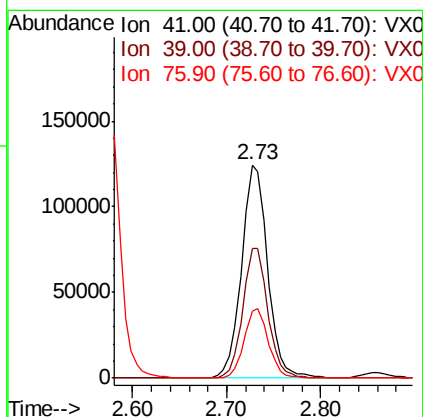
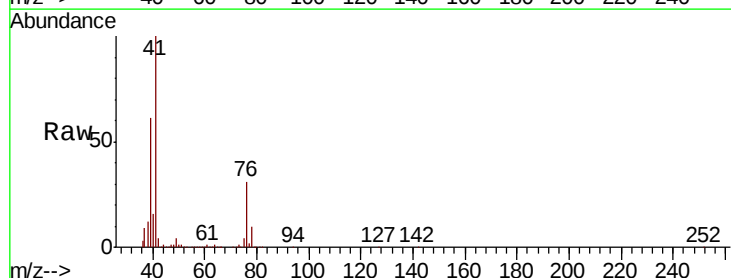
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

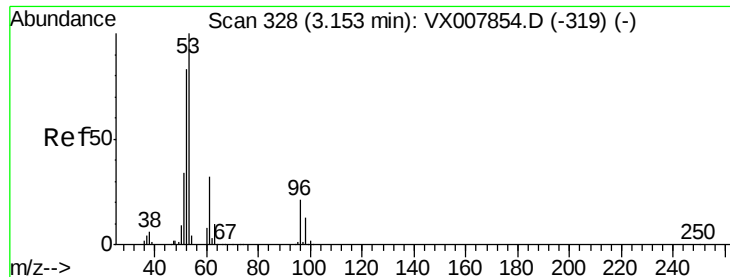
Tgt Ion: 56 Resp: 60741
Ion Ratio Lower Upper
56 100
55 70.2 57.8 86.6



#14
Allyl chloride
Concen: 49.421 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX007896.D
Acq: 07 Mar 2019 20:44

Tgt Ion: 41 Resp: 238793
Ion Ratio Lower Upper
41 100
39 58.5 46.1 69.1
76 30.4 24.0 36.0





#15

Acrylonitrile

Concen: 244.070 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX007896.D

Acq: 07 Mar 2019 20:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

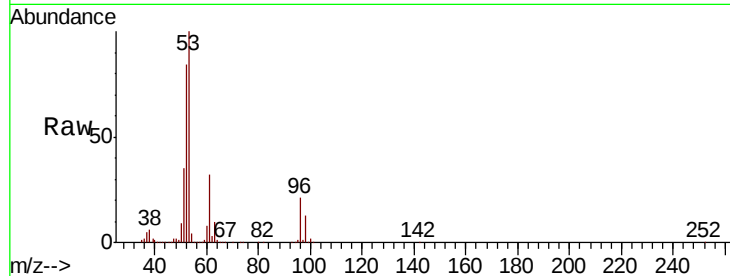
Tgt Ion: 53 Resp: 392785

Ion Ratio Lower Upper

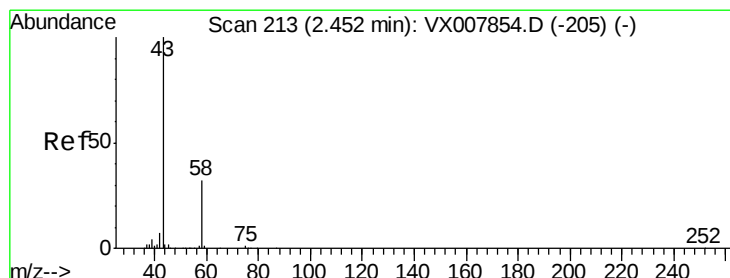
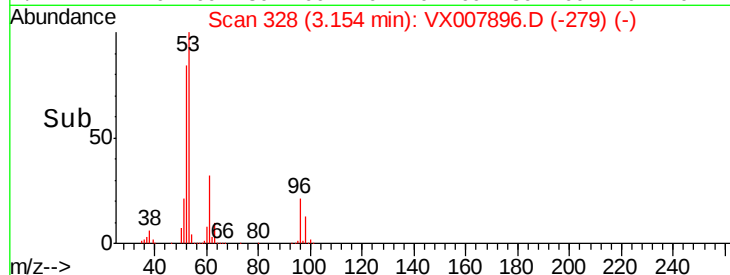
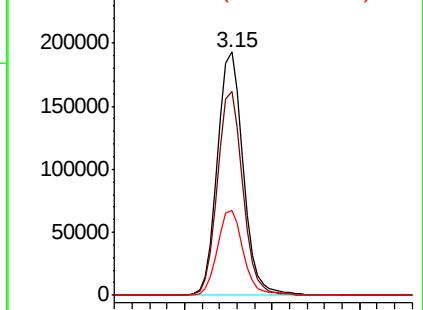
53 100

52 82.6 66.0 99.0

51 35.2 28.0 42.0



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 197.568 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX007896.D

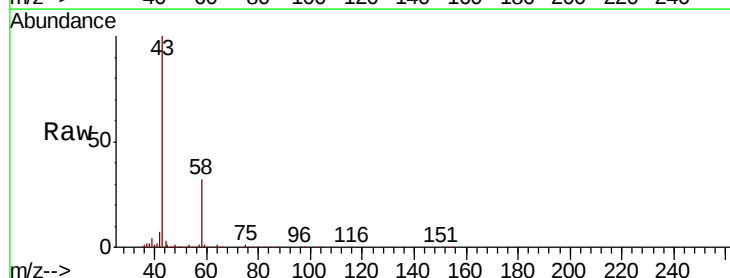
Acq: 07 Mar 2019 20:44

Tgt Ion: 43 Resp: 326023

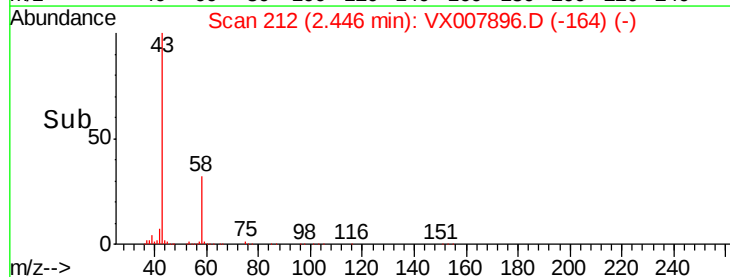
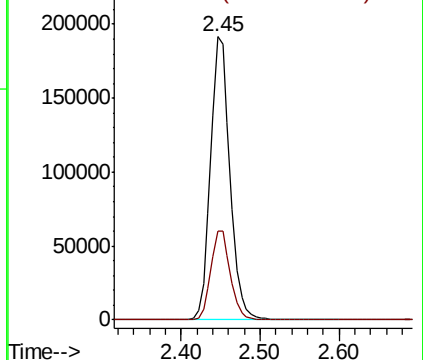
Ion Ratio Lower Upper

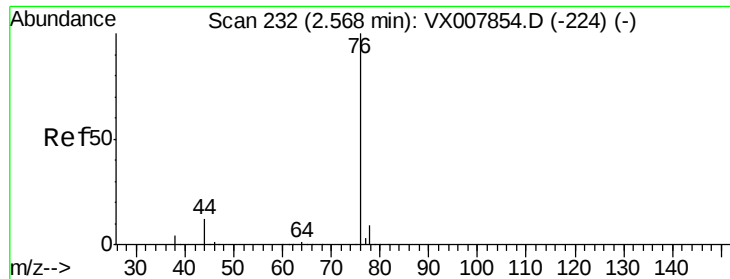
43 100

58 31.6 25.5 38.3



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

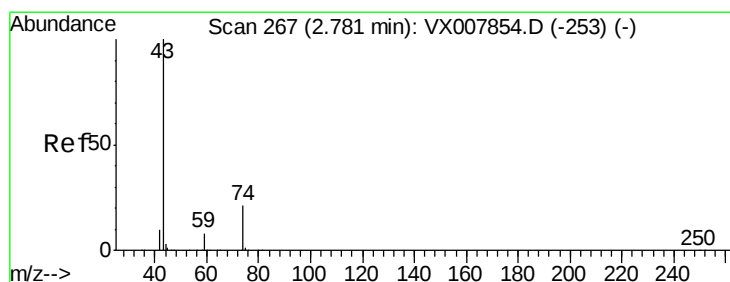
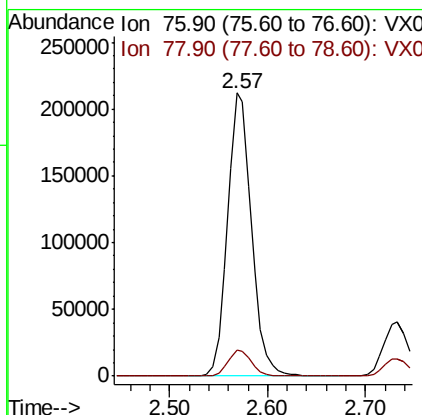
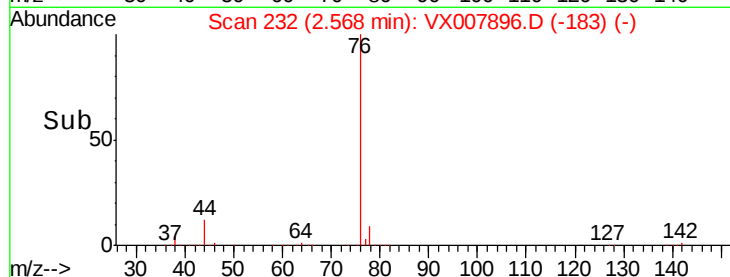
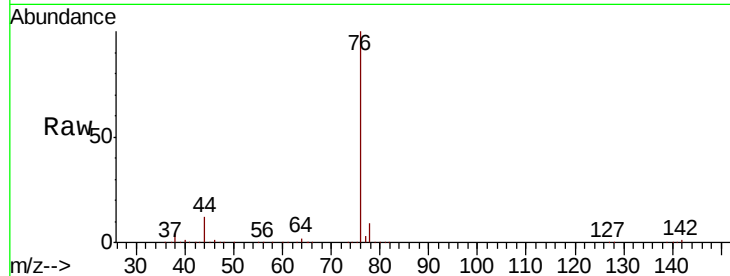




#17
Carbon Disulfide
Concen: 51.379 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX007896.D
Acq: 07 Mar 2019 20:44

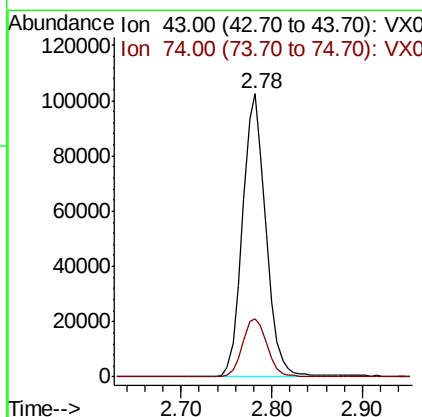
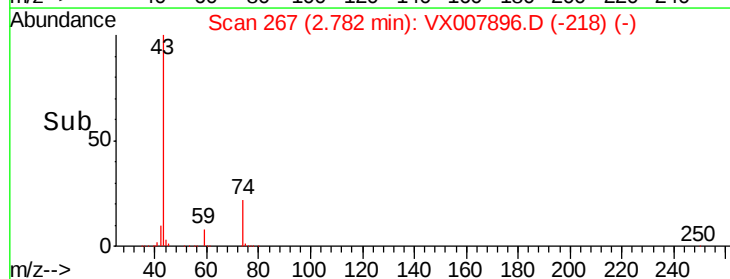
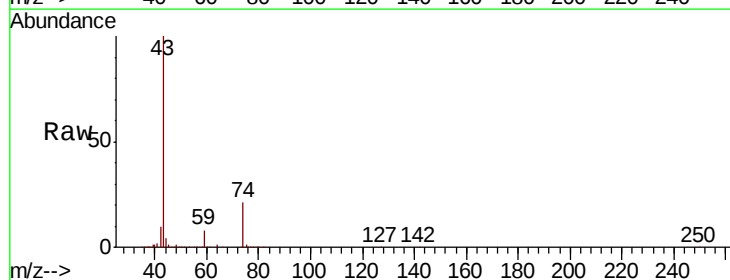
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

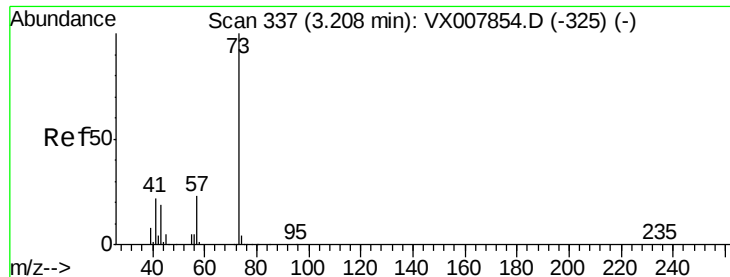
Tgt Ion: 76 Resp: 358678
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8



#18
Methyl Acetate
Concen: 51.850 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX007896.D
Acq: 07 Mar 2019 20:44

Tgt Ion: 43 Resp: 181772
Ion Ratio Lower Upper
43 100
74 21.4 17.8 26.6



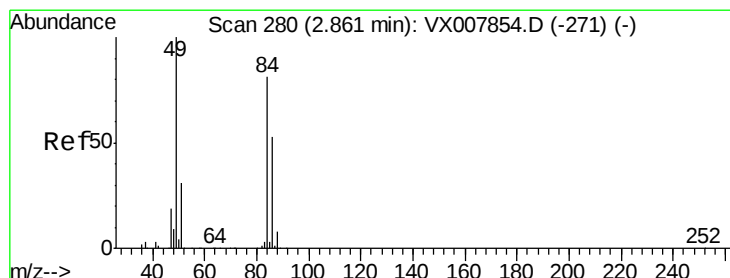
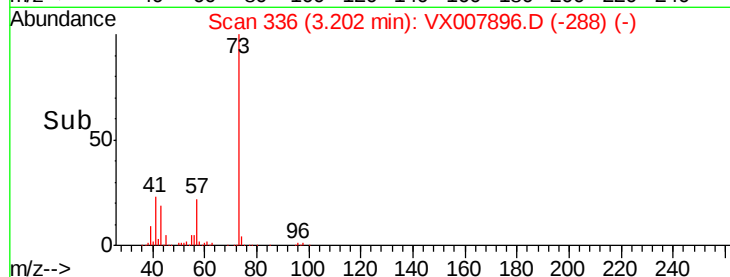
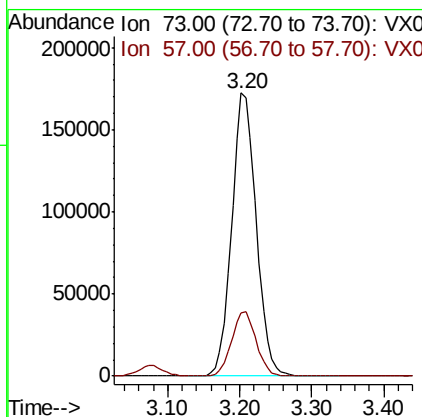
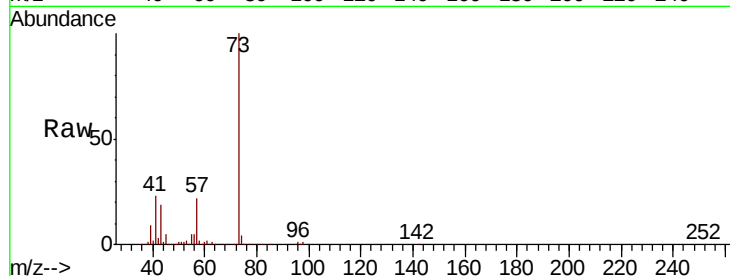


#19

Methyl tert-butyl Ether
 Concen: 51.386 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.01 min
 Lab File: VX007896.D
 Acq: 07 Mar 2019 20:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

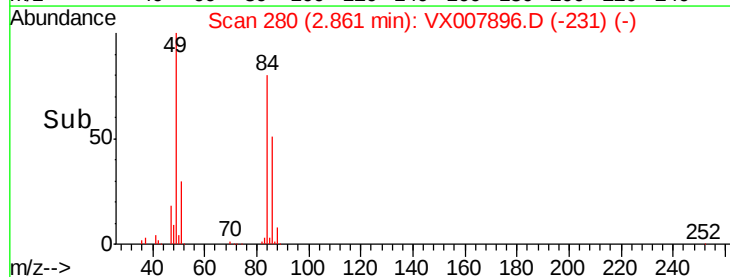
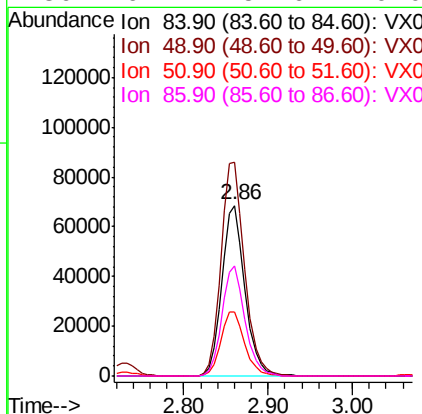
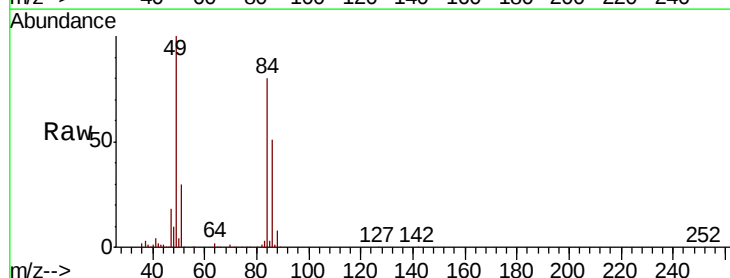
Tgt Ion: 73 Resp: 406492
 Ion Ratio Lower Upper
 73 100
 57 22.2 18.2 27.4



#20

Methylene Chloride
 Concen: 48.898 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: VX007896.D
 Acq: 07 Mar 2019 20:44

Tgt Ion: 84 Resp: 128420
 Ion Ratio Lower Upper
 84 100
 49 125.3 99.3 148.9
 51 37.9 31.3 46.9
 86 64.4 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 49.017 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007896.D

Acq: 07 Mar 2019 20:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

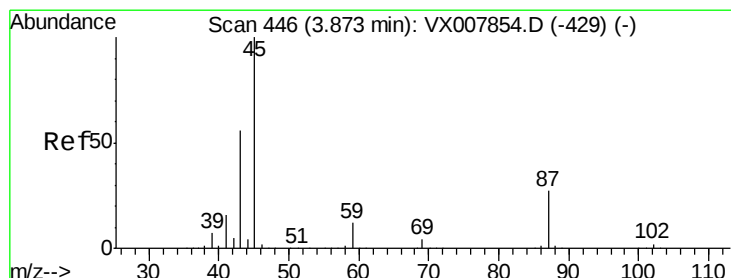
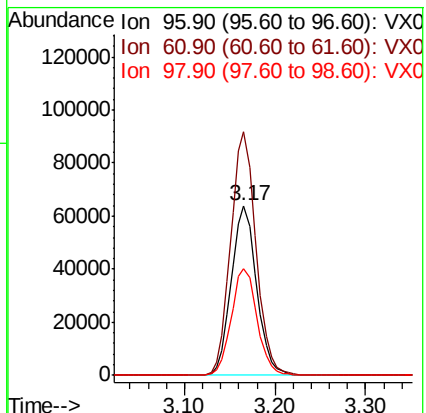
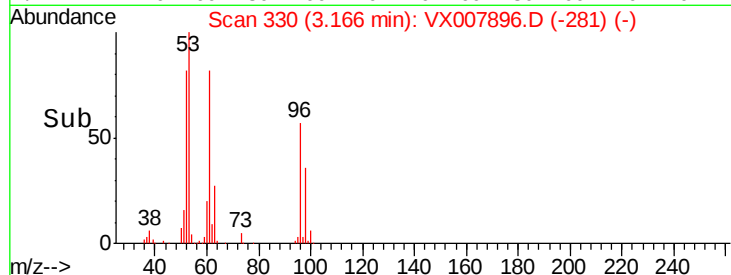
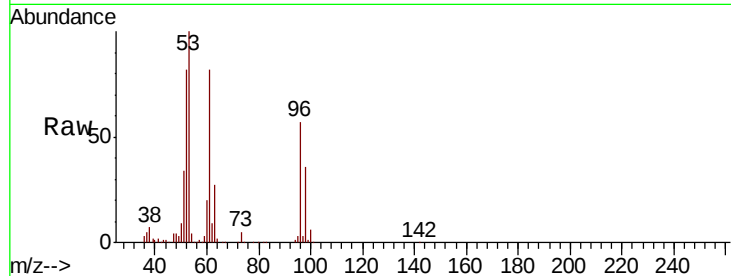
Tgt Ion: 96 Resp: 124019

Ion Ratio Lower Upper

96 100

61 143.4 114.4 171.6

98 63.2 51.1 76.7



#22

Diisopropyl ether

Concen: 50.224 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX007896.D

Acq: 07 Mar 2019 20:44

Tgt Ion: 45 Resp: 444842

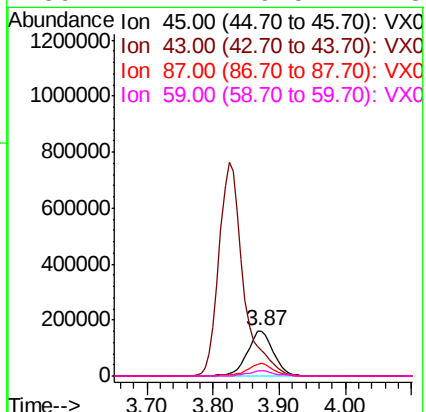
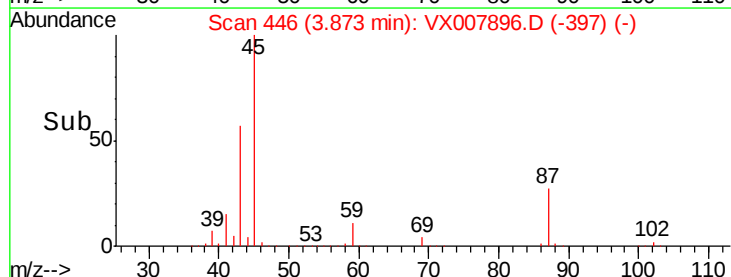
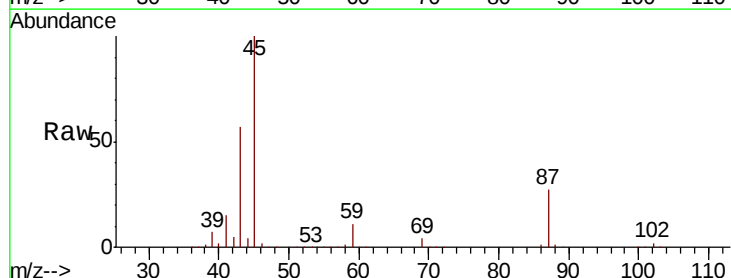
Ion Ratio Lower Upper

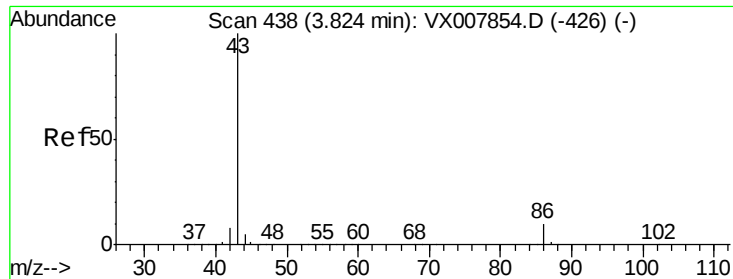
45 100

43 56.7 45.3 67.9

87 27.3 21.4 32.0

59 11.4 9.5 14.3





#23

Vinyl Acetate

Concen: 252.416 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX007896.D

Acq: 07 Mar 2019 20:44

Instrument :

MSVOA_X

ClientSampleId :

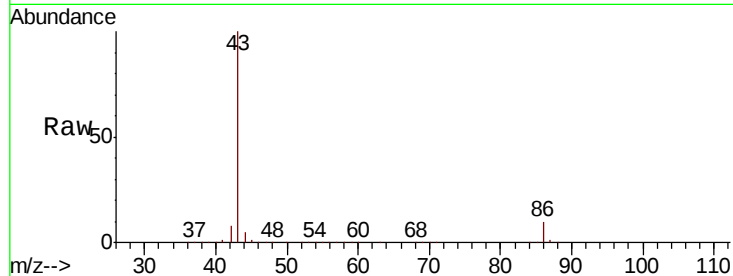
VSTDCCC050EC

Tgt Ion: 43 Resp: 1960534

Ion Ratio Lower Upper

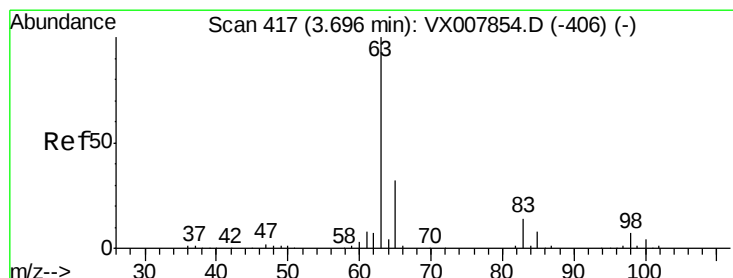
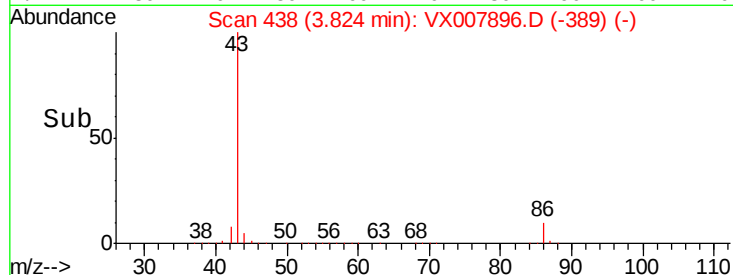
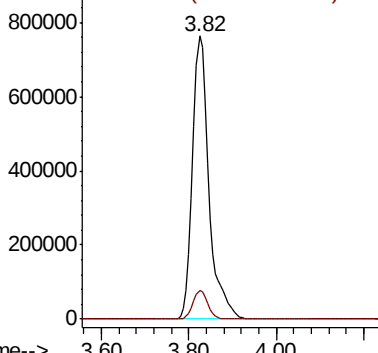
43 100

86 10.2 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 50.608 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007896.D

Acq: 07 Mar 2019 20:44

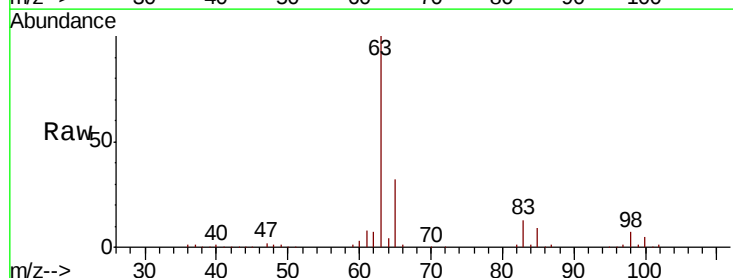
Tgt Ion: 63 Resp: 241221

Ion Ratio Lower Upper

63 100

98 6.9 3.3 9.8

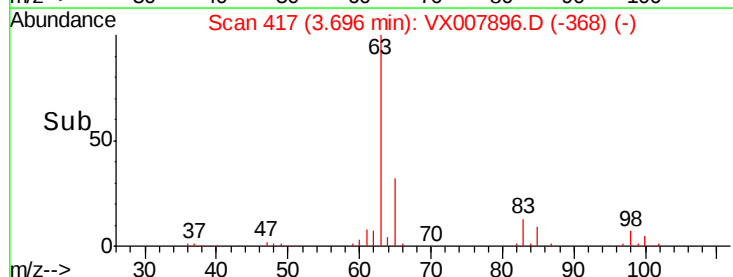
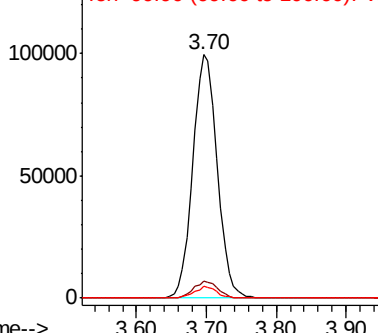
100 4.6 2.3 6.8

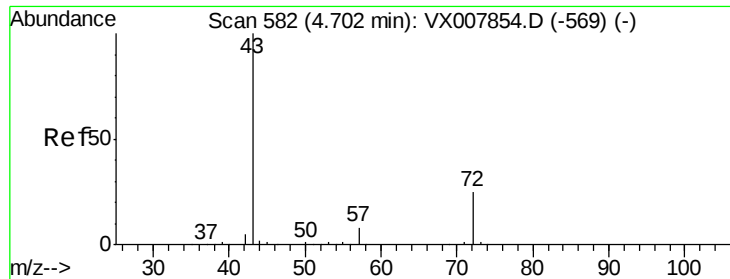


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 232.752 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX007896.D

Acq: 07 Mar 2019 20:44

Instrument :

MSVOA_X

ClientSampleId :

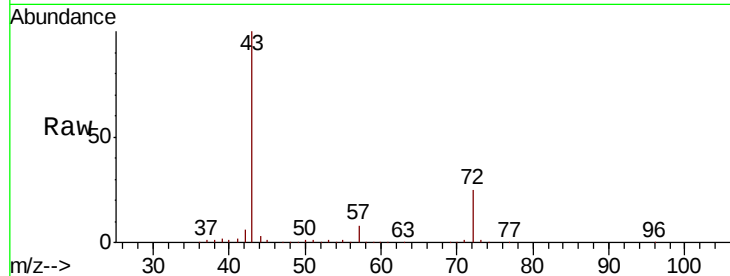
VSTDCCC050EC

Tgt Ion: 43 Resp: 543762

Ion Ratio Lower Upper

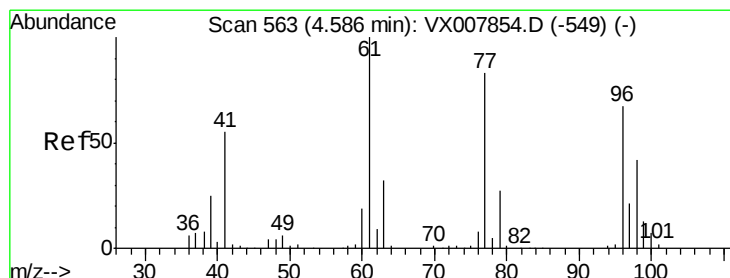
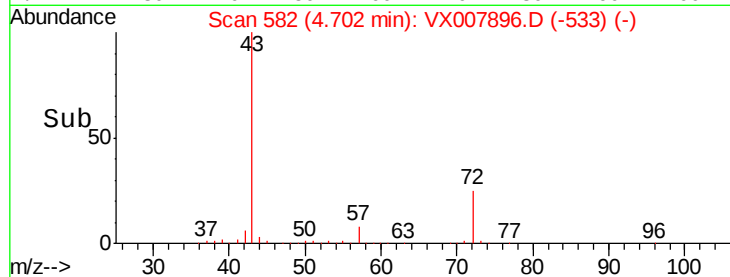
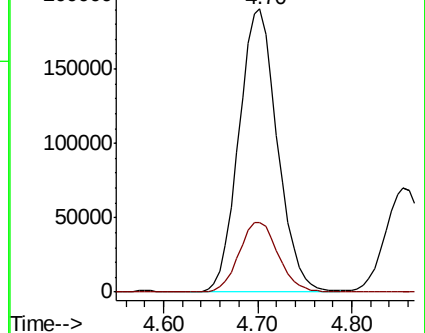
43 100

72 24.7 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 46.272 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX007896.D

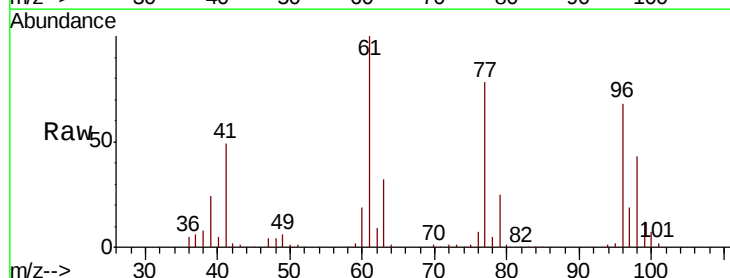
Acq: 07 Mar 2019 20:44

Tgt Ion: 77 Resp: 146121

Ion Ratio Lower Upper

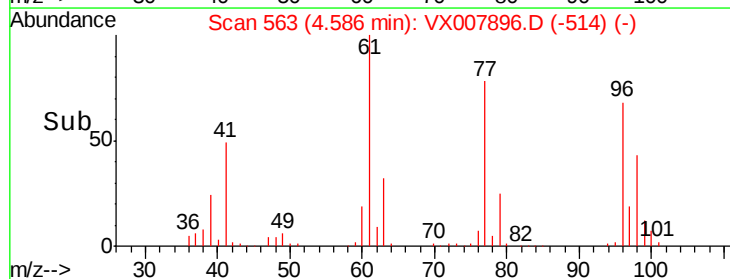
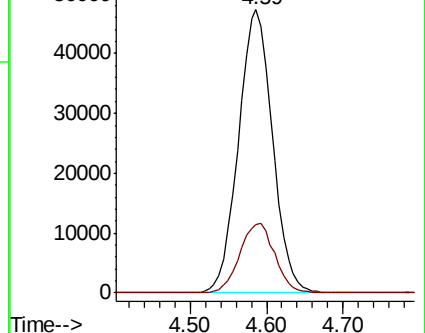
77 100

97 25.3 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



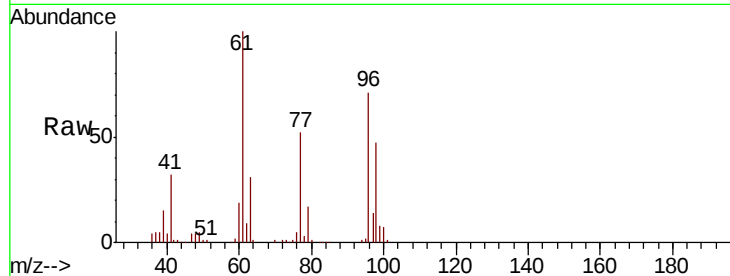


#27

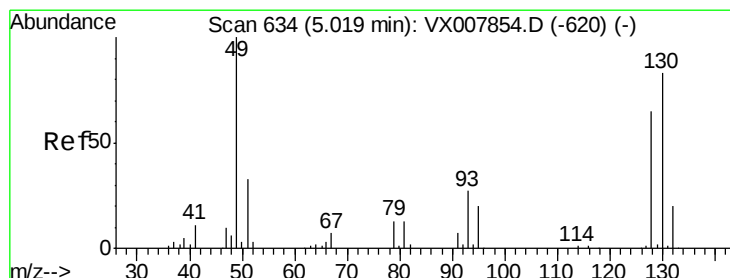
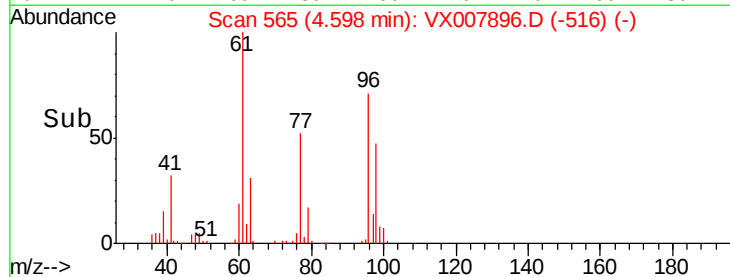
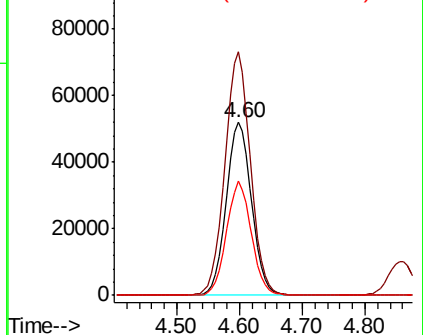
cis-1,2-Dichloroethene
 Concen: 50.052 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX007896.D
 Acq: 07 Mar 2019 20:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 144910
 Ion Ratio Lower Upper
 96 100
 61 141.9 0.0 288.0
 98 64.8 0.0 129.0



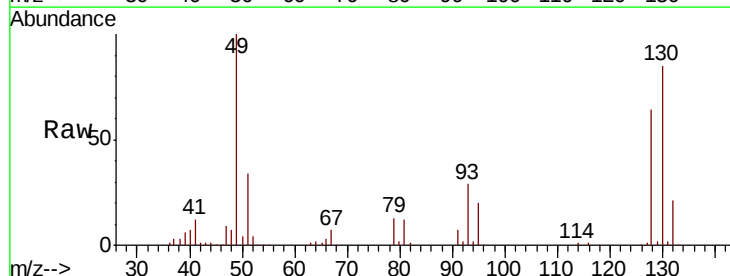
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



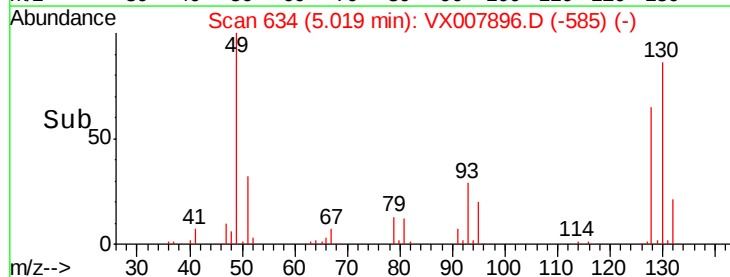
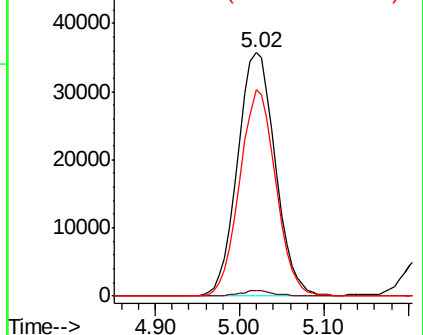
#28

Bromochloromethane
 Concen: 48.955 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VX007896.D
 Acq: 07 Mar 2019 20:44

Tgt Ion: 49 Resp: 108787
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.0
 130 80.9 65.0 97.4



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

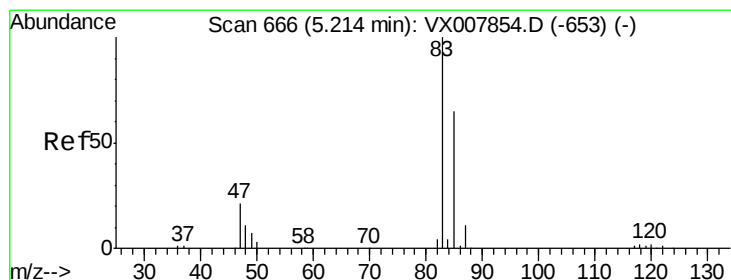
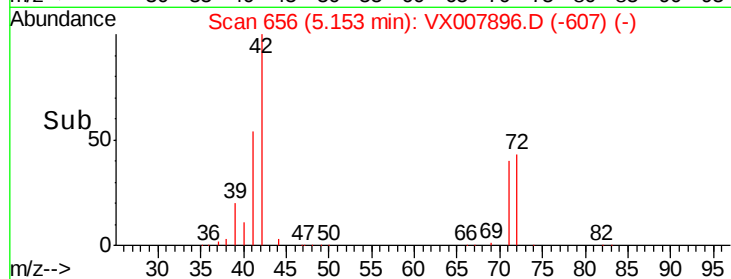
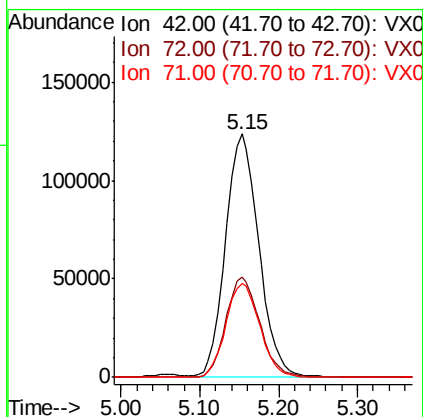
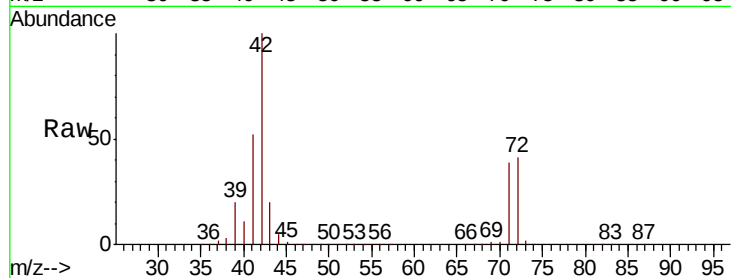




#29
Tetrahydrofuran
Concen: 249.070 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX007896.D
Acq: 07 Mar 2019 20:44

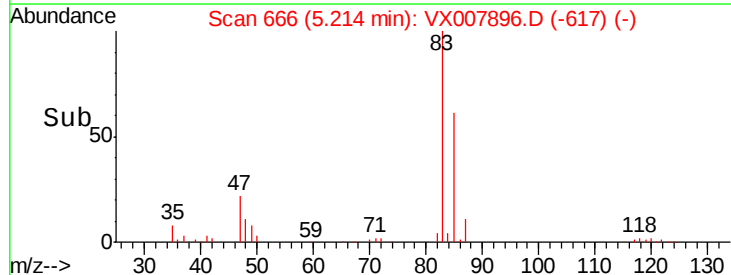
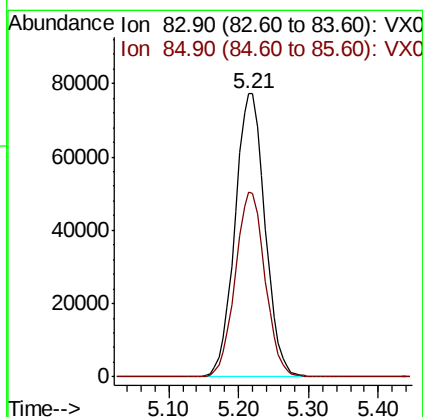
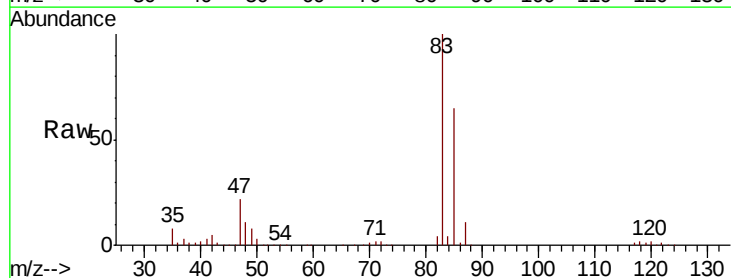
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

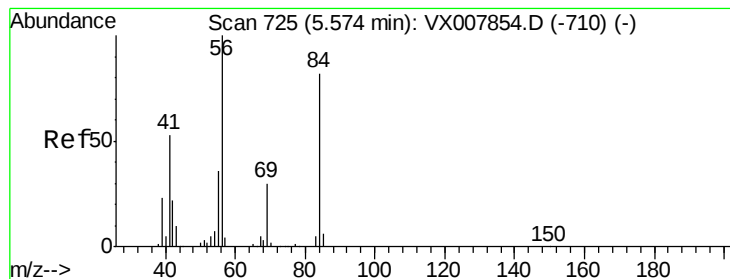
Tgt Ion: 42 Resp: 362960
Ion Ratio Lower Upper
42 100
72 42.0 33.8 50.6
71 39.6 31.5 47.3



#30
Chloroform
Concen: 51.067 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX007896.D
Acq: 07 Mar 2019 20:44

Tgt Ion: 83 Resp: 230249
Ion Ratio Lower Upper
83 100
85 65.5 51.8 77.6





#31

Cyclohexane

Concen: 50.655 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX007896.D

Acq: 07 Mar 2019 20:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

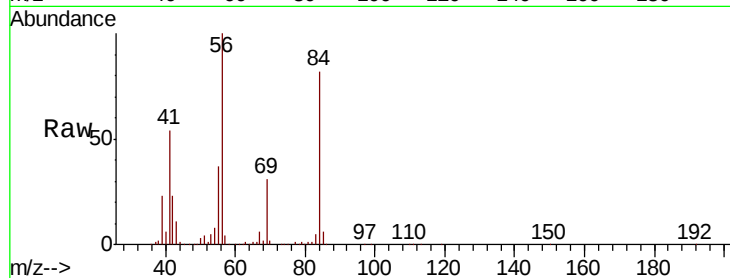
Tgt Ion: 56 Resp: 221907

Ion Ratio Lower Upper

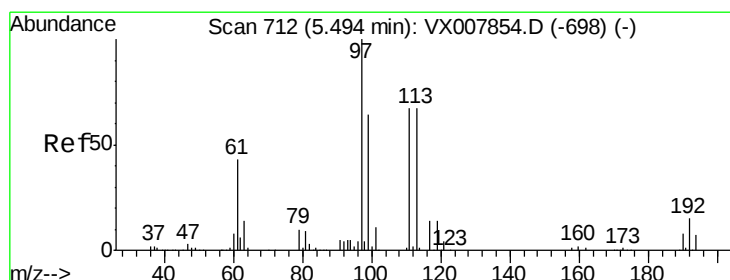
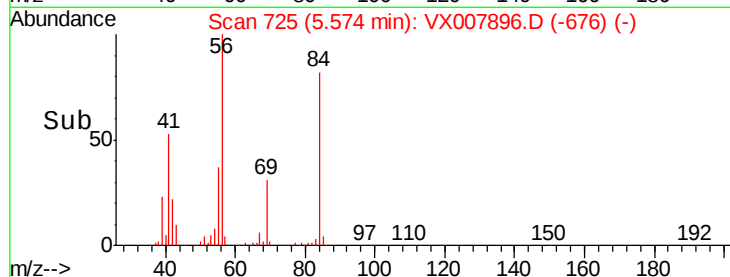
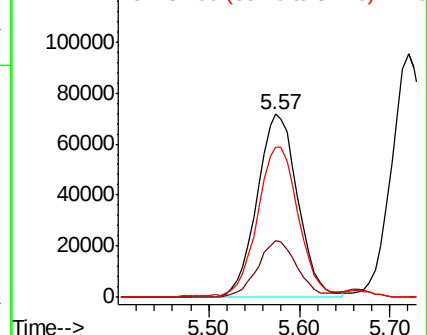
56 100

69 31.1 24.0 36.0

84 80.8 65.3 97.9



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 51.925 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX007896.D

Acq: 07 Mar 2019 20:44

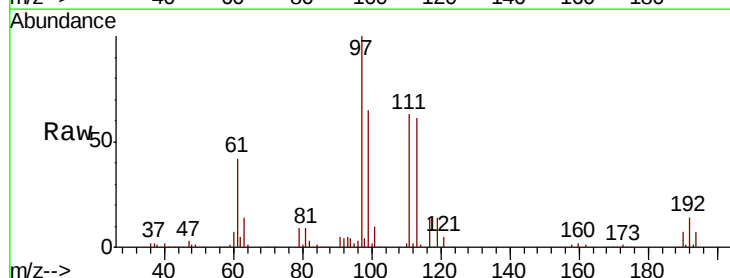
Tgt Ion: 97 Resp: 194249

Ion Ratio Lower Upper

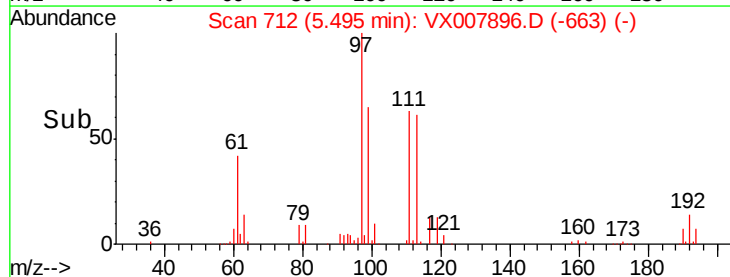
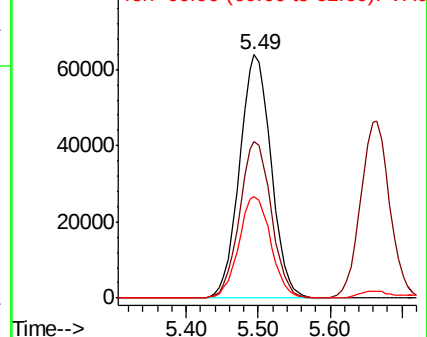
97 100

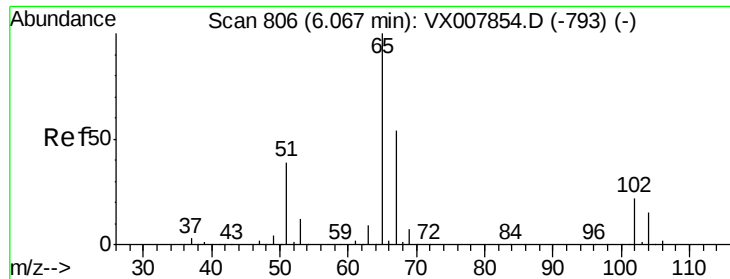
99 64.6 52.2 78.2

61 42.4 34.9 52.3



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

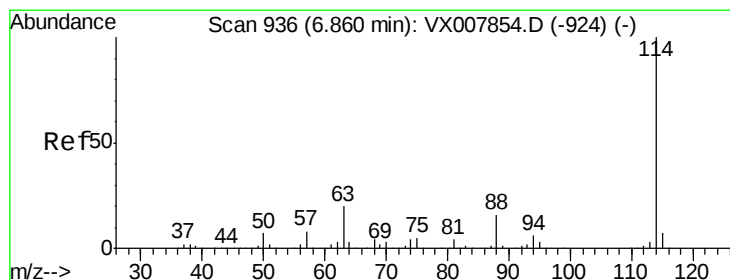
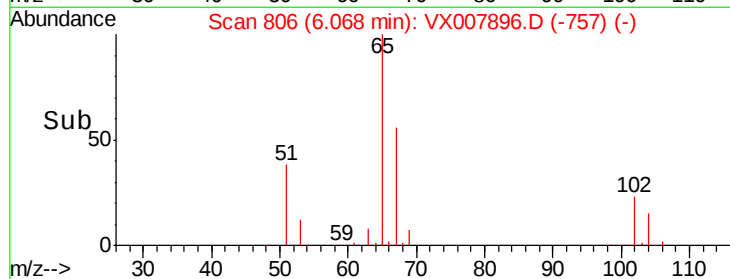
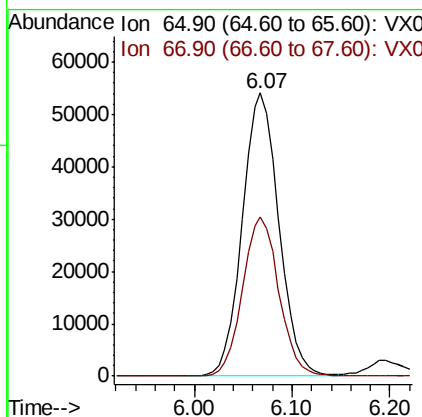
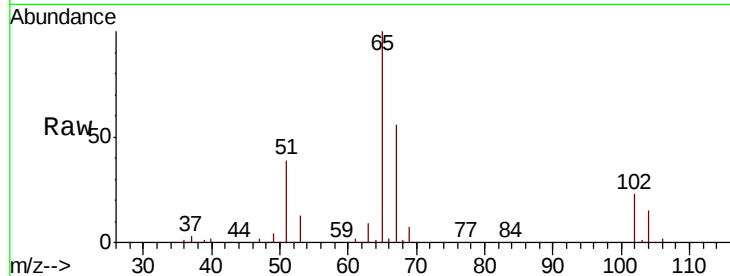




#33
 1,2-Dichloroethane-d4
 Concen: 49.058 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007896.D
 Acq: 07 Mar 2019 20:44

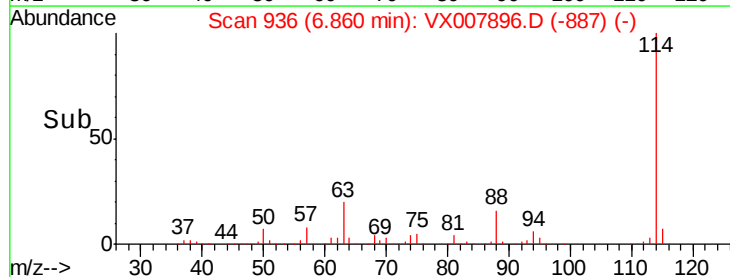
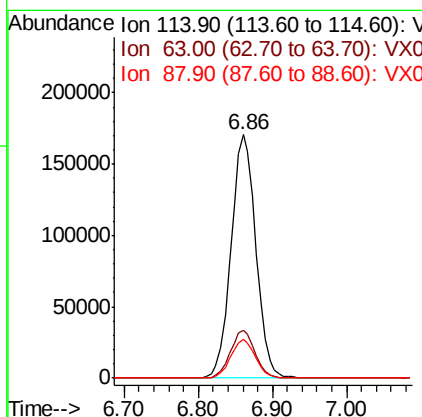
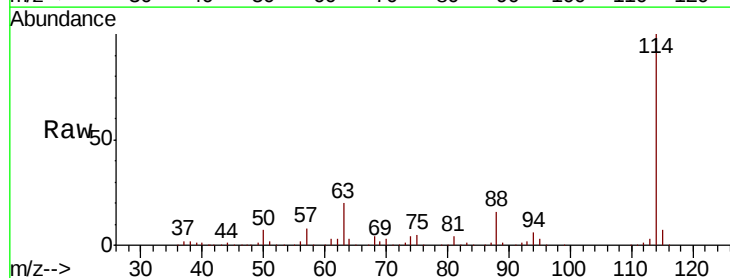
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

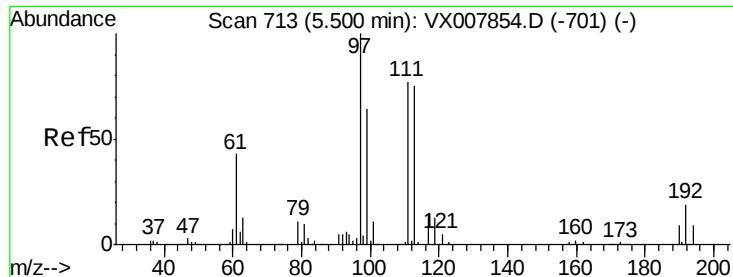
Tgt Ion: 65 Resp: 139864
 Ion Ratio Lower Upper
 65 100
 67 55.8 0.0 110.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007896.D
 Acq: 07 Mar 2019 20:44

Tgt Ion: 114 Resp: 396454
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.8
 88 15.9 0.0 31.4

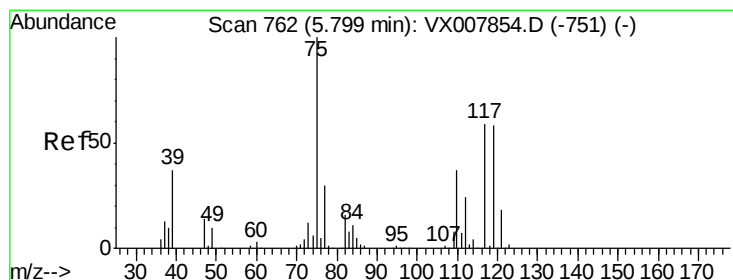
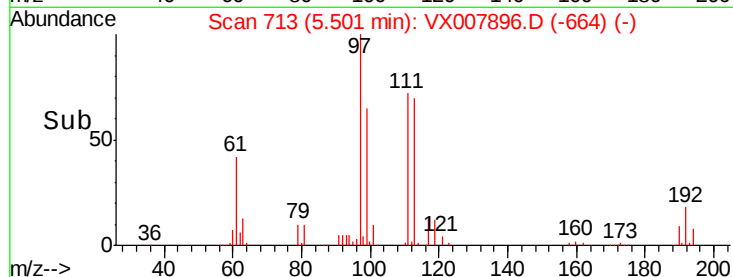
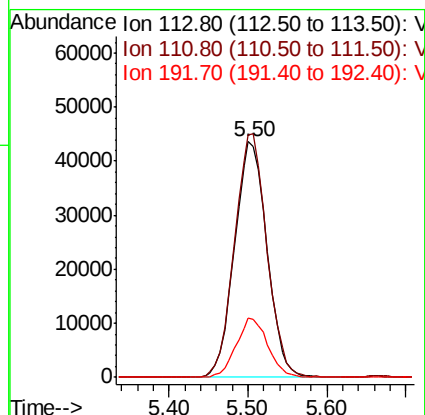
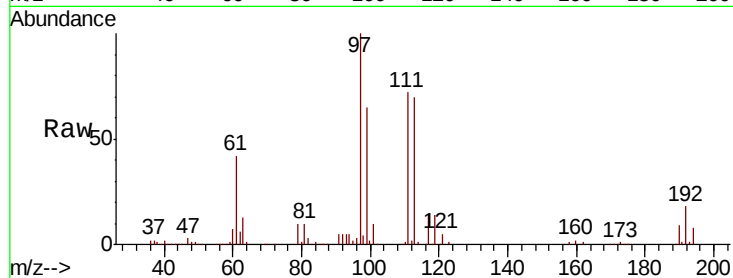




#35
 Dibromofluoromethane
 Concen: 49.205 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX007896.D
 Acq: 07 Mar 2019 20:44

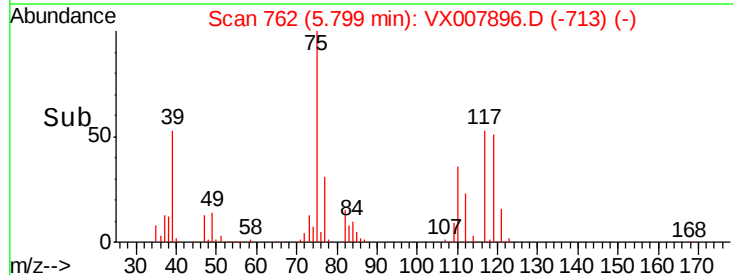
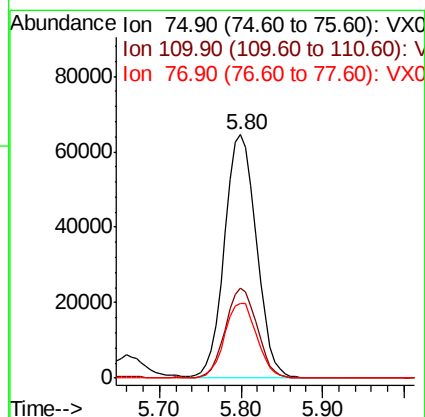
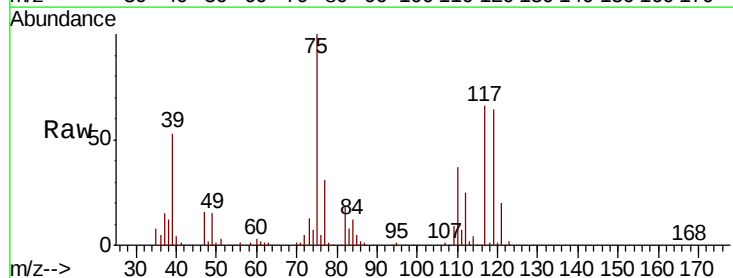
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

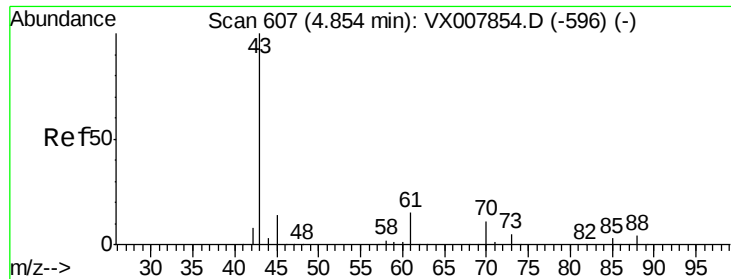
Tgt Ion:113 Resp: 124782
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.4 122.0
 192 24.3 19.4 29.0



#36
 1,1-Dichloropropene
 Concen: 48.613 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX007896.D
 Acq: 07 Mar 2019 20:44

Tgt Ion: 75 Resp: 174512
 Ion Ratio Lower Upper
 75 100
 110 36.8 18.4 55.0
 77 31.6 25.0 37.4





#37

Ethyl Acetate

Concen: 48.438 ug/l

RT: 4.85 min Scan# 607

Delta R.T. 0.00 min

Lab File: VX007896.D

Acq: 07 Mar 2019 20:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

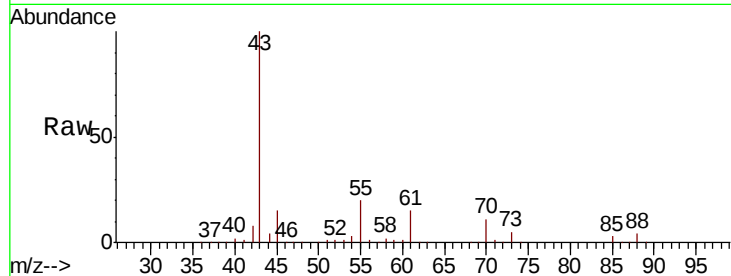
Tgt Ion: 43 Resp: 206347

Ion Ratio Lower Upper

43 100

61 14.2 11.3 16.9

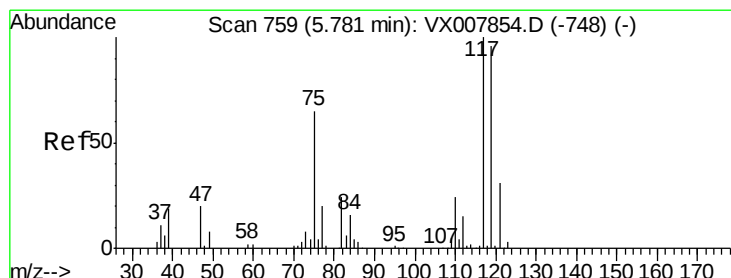
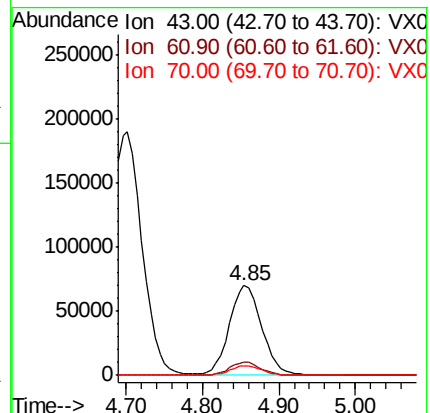
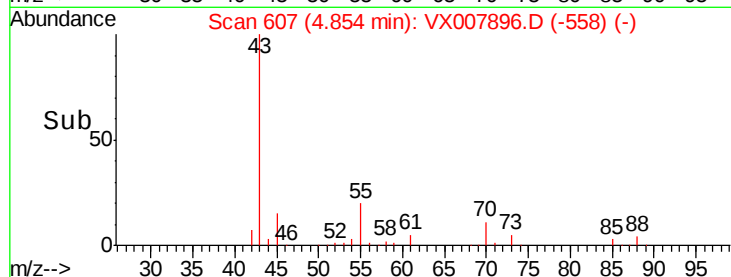
70 10.6 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 51.249 ug/l

RT: 5.78 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX007896.D

Acq: 07 Mar 2019 20:44

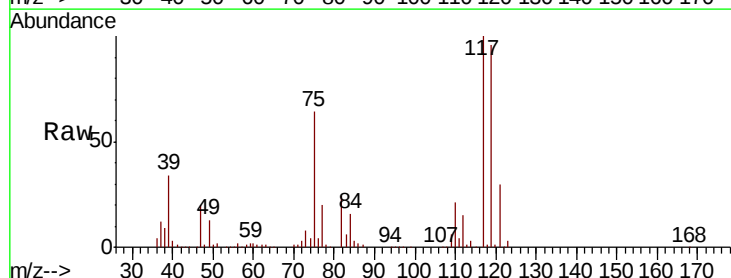
Tgt Ion: 117 Resp: 174658

Ion Ratio Lower Upper

117 100

119 96.3 76.2 114.2

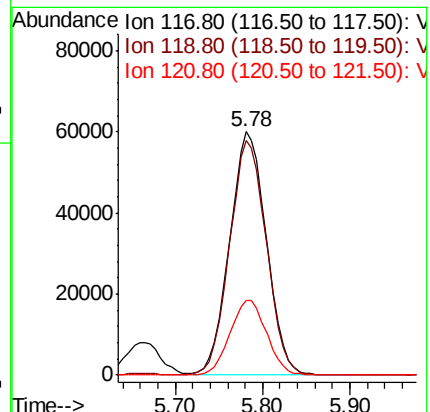
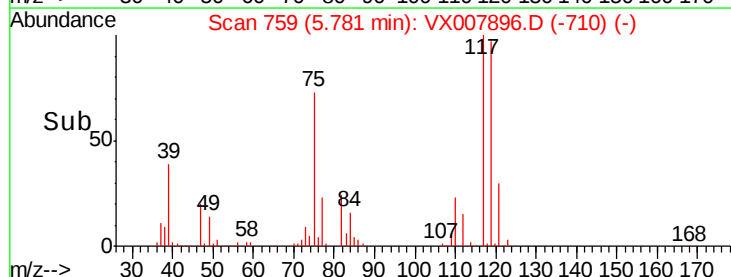
121 30.5 24.6 36.8

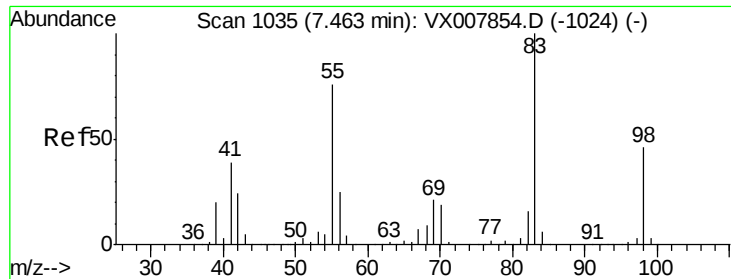


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

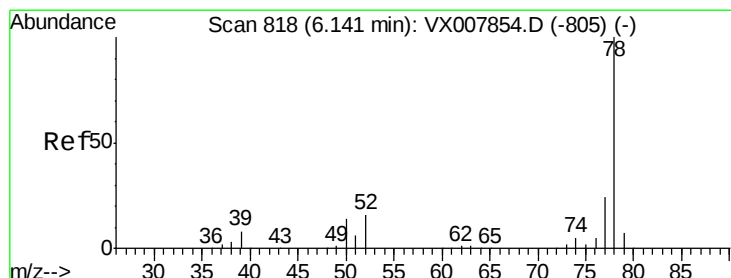
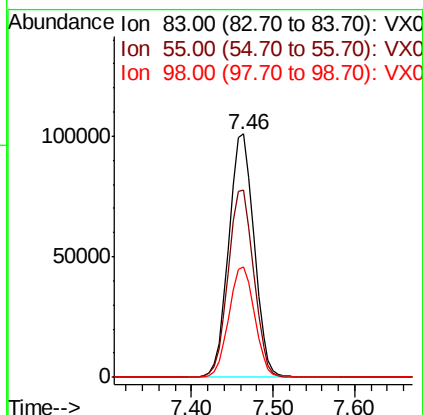
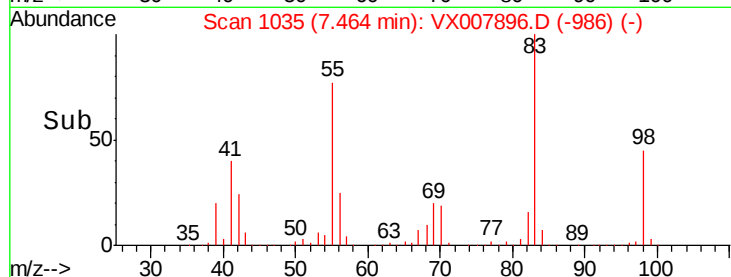
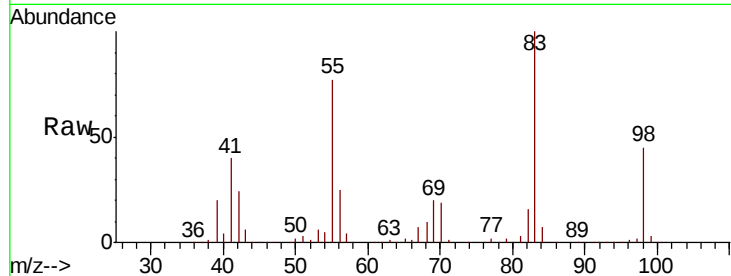




#39
Methylcyclohexane
Concen: 49.741 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX007896.D
Acq: 07 Mar 2019 20:44

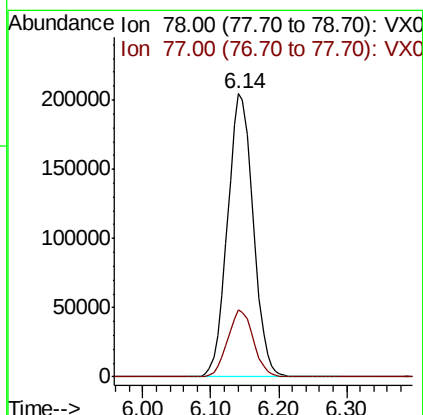
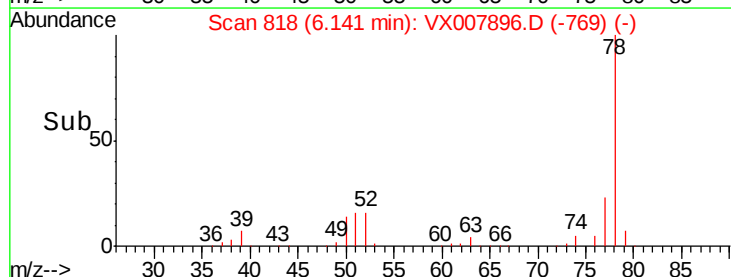
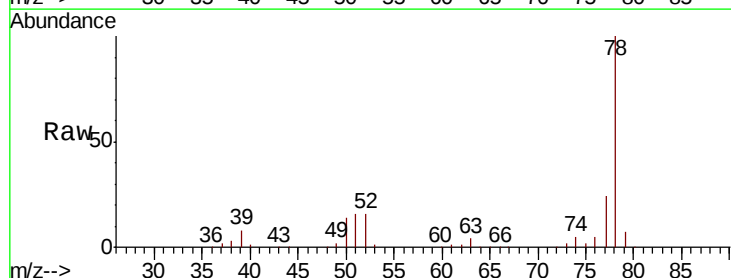
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 216368
Ion Ratio Lower Upper
83 100
55 76.9 60.4 90.6
98 45.4 36.5 54.7



#40
Benzene
Concen: 50.227 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007896.D
Acq: 07 Mar 2019 20:44

Tgt Ion: 78 Resp: 536777
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.4

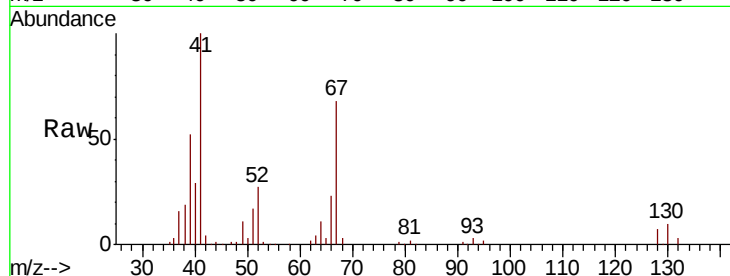




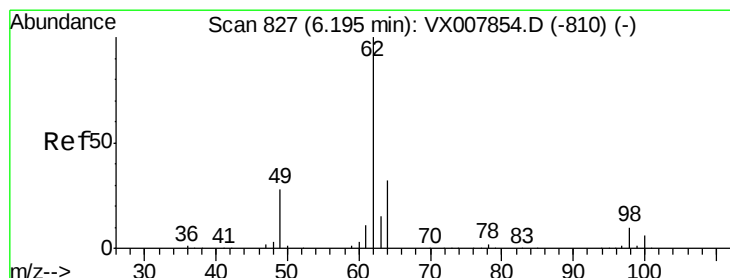
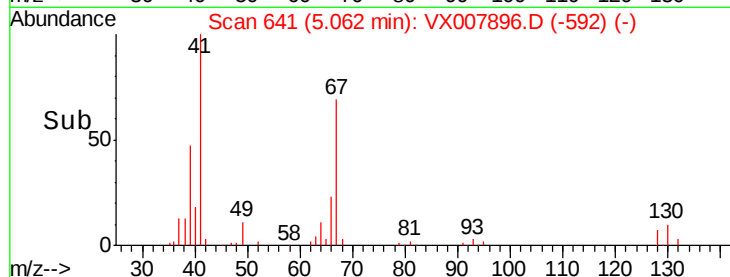
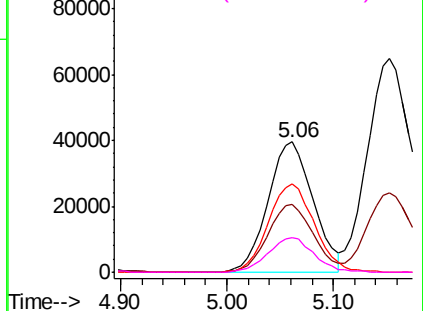
#41
Methacrylonitrile
Concen: 49.984 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX007896.D
Acq: 07 Mar 2019 20:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	116090
Ion	Ratio	Lower	Upper
41	100		
39	52.5	41.6	62.4
67	69.6	55.8	83.6
52	26.5	21.7	32.5

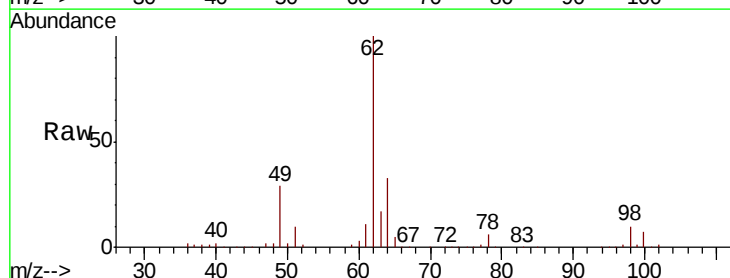


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

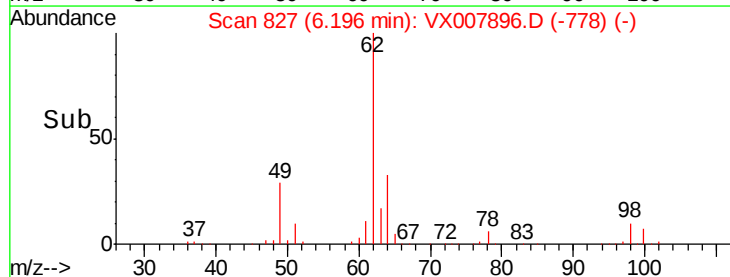
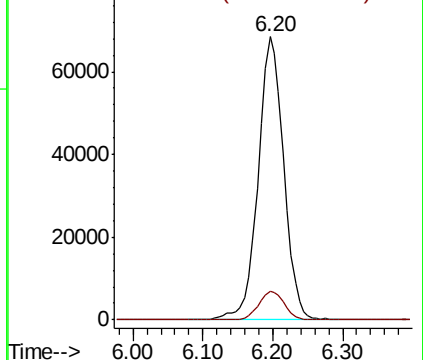


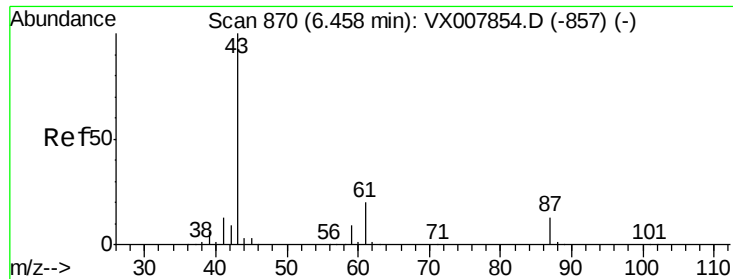
#42
1,2-Dichloroethane
Concen: 49.718 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX007896.D
Acq: 07 Mar 2019 20:44

Tgt Ion:	62	Resp:	173764
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0

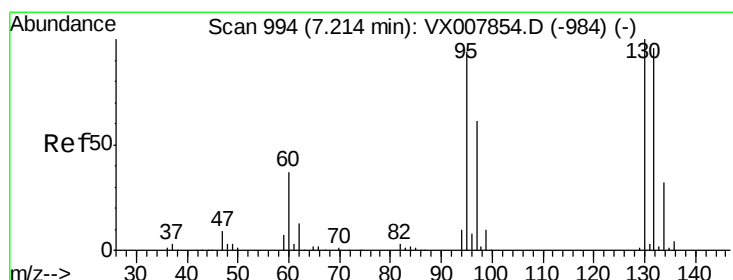
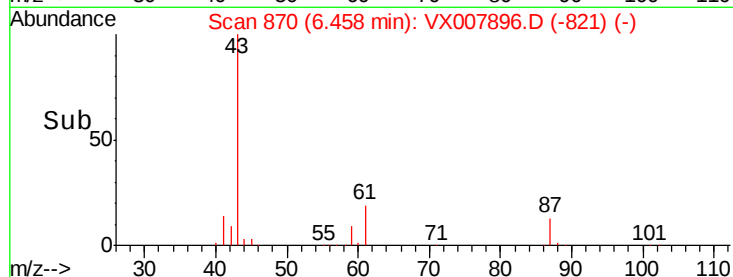
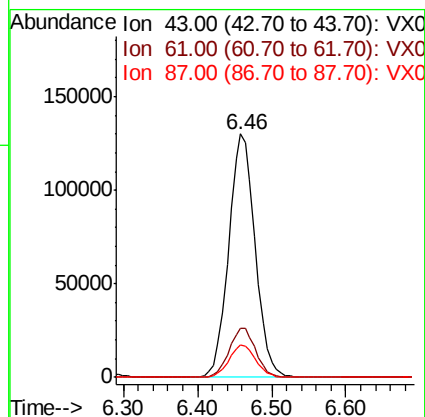
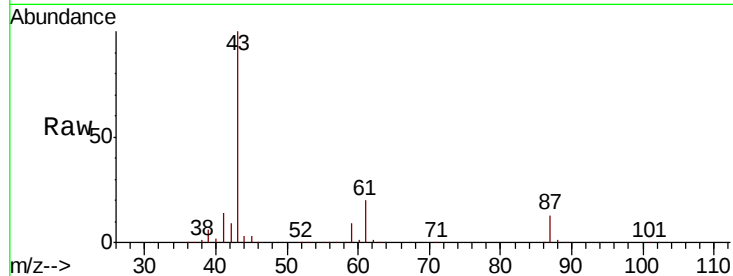




#43
Isopropyl Acetate
Concen: 50.907 ug/l
RT: 6.46 min Scan# 870
Delta R.T. 0.00 min
Lab File: VX007896.D
Acq: 07 Mar 2019 20:44

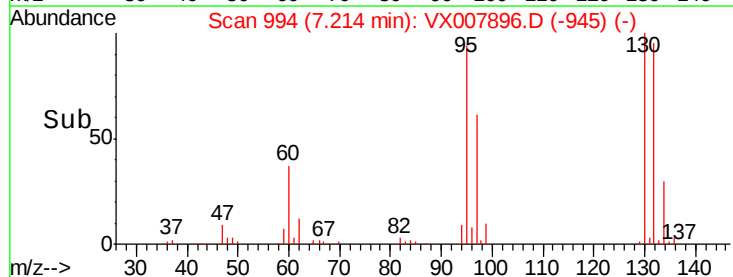
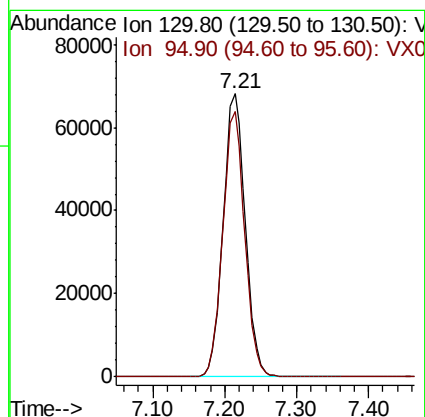
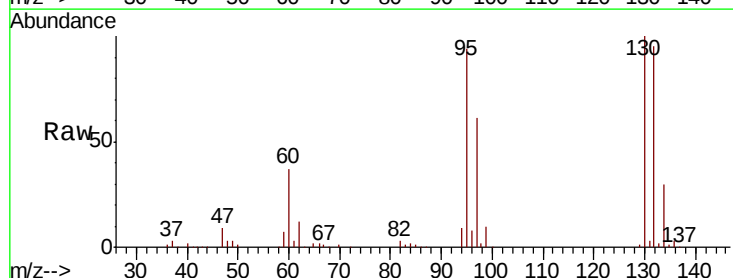
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

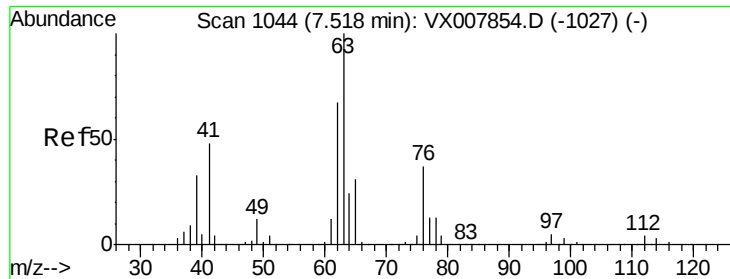
Tgt Ion: 43 Resp: 320949
Ion Ratio Lower Upper
43 100
61 20.6 16.3 24.5
87 13.3 10.5 15.7



#44
Trichloroethene
Concen: 49.553 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX007896.D
Acq: 07 Mar 2019 20:44

Tgt Ion: 130 Resp: 145942
Ion Ratio Lower Upper
130 100
95 94.0 0.0 188.0

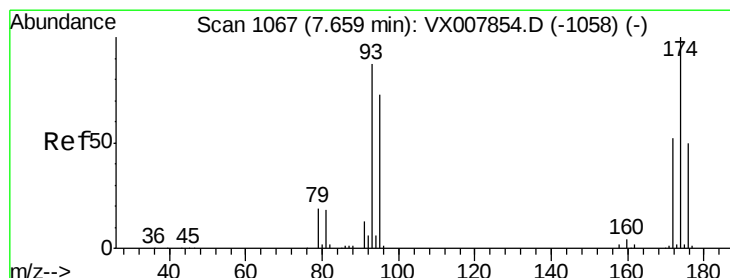
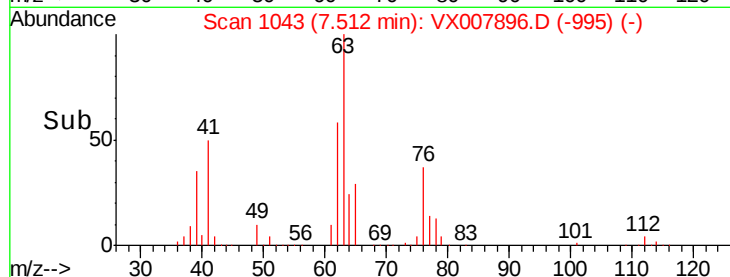
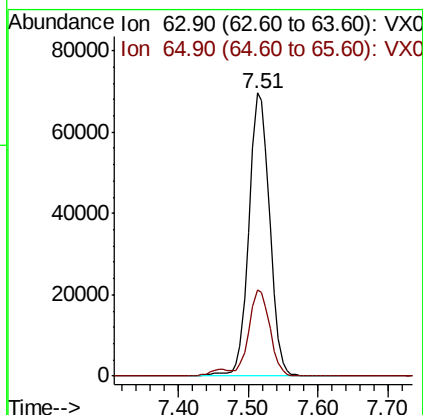
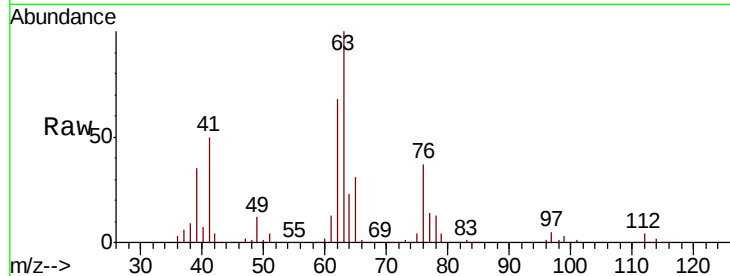




#45
 1,2-Dichloropropane
 Concen: 50.876 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VX007896.D
 Acq: 07 Mar 2019 20:44

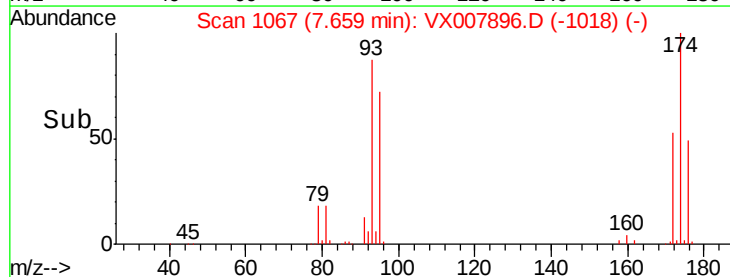
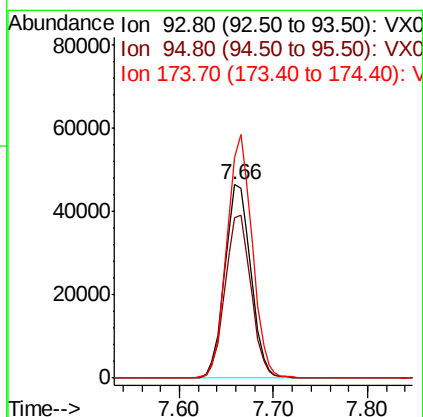
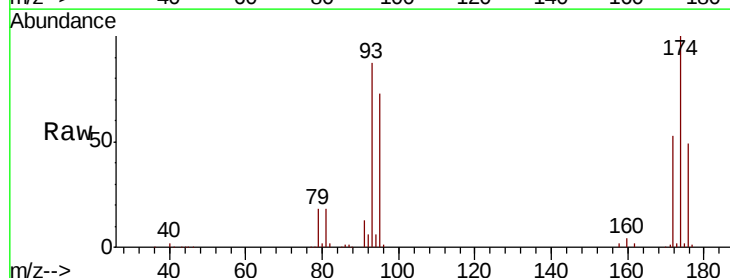
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

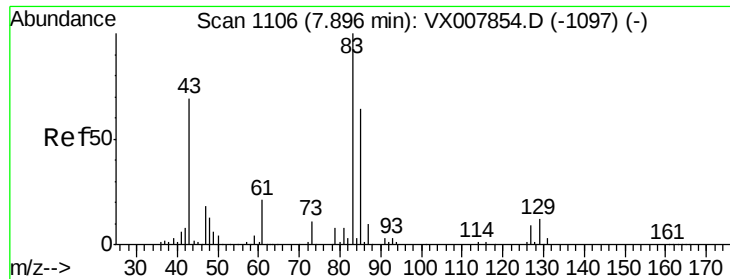
Tgt Ion: 63 Resp: 143605
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.7 37.1



#46
 Dibromomethane
 Concen: 50.094 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX007896.D
 Acq: 07 Mar 2019 20:44

Tgt Ion: 93 Resp: 89484
 Ion Ratio Lower Upper
 93 100
 95 84.0 66.8 100.2
 174 122.2 97.3 145.9





#47

Bromodichloromethane

Concen: 51.765 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007896.D

Acq: 07 Mar 2019 20:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

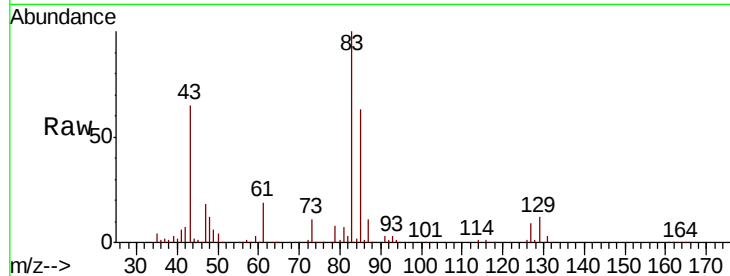
Tgt Ion: 83 Resp: 175318

Ion Ratio Lower Upper

83 100

85 63.1 50.9 76.3

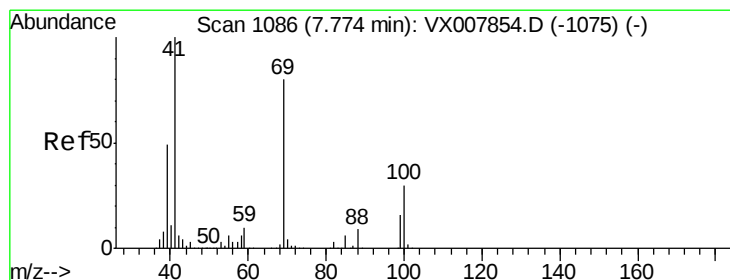
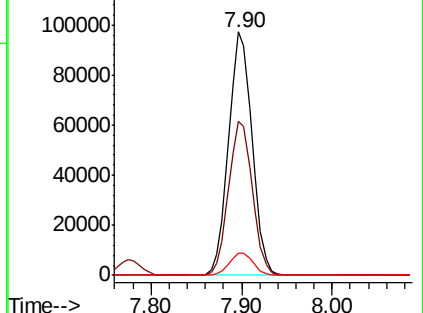
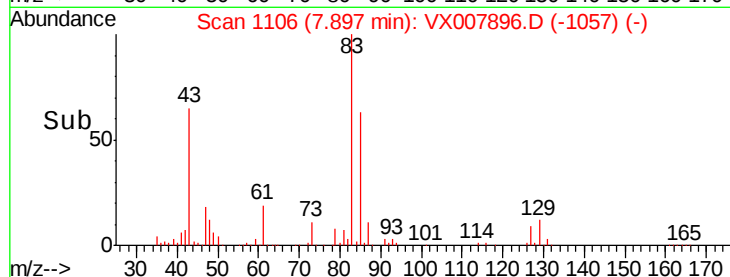
127 9.2 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 50.539 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX007896.D

Acq: 07 Mar 2019 20:44

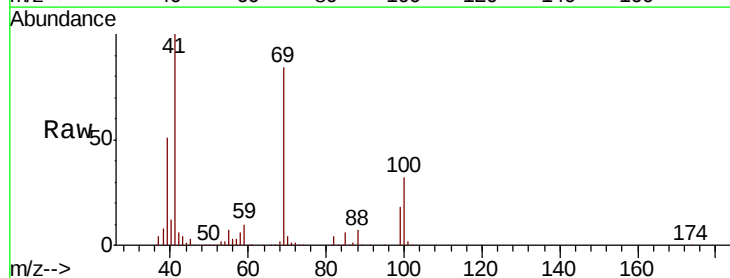
Tgt Ion: 41 Resp: 167522

Ion Ratio Lower Upper

41 100

69 82.9 65.2 97.8

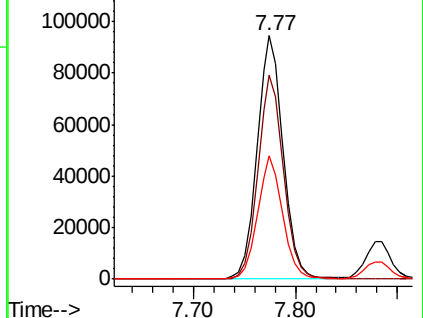
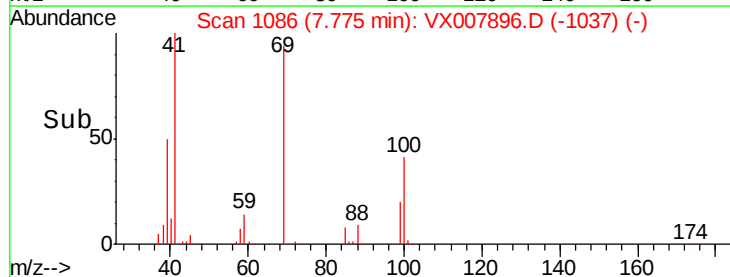
39 48.9 39.4 59.2

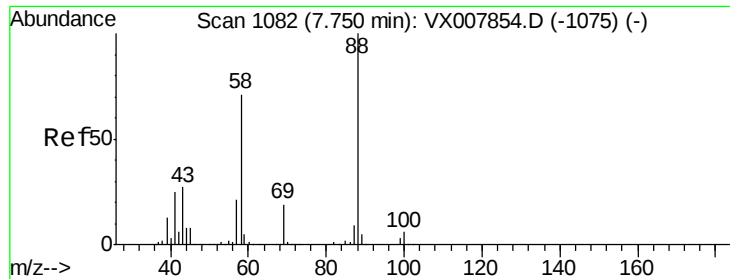


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

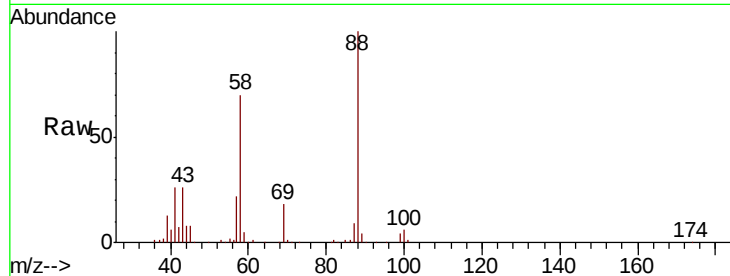




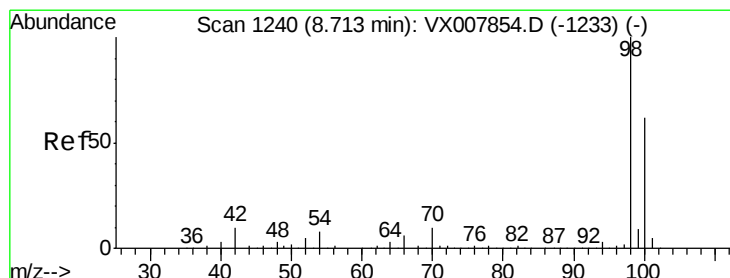
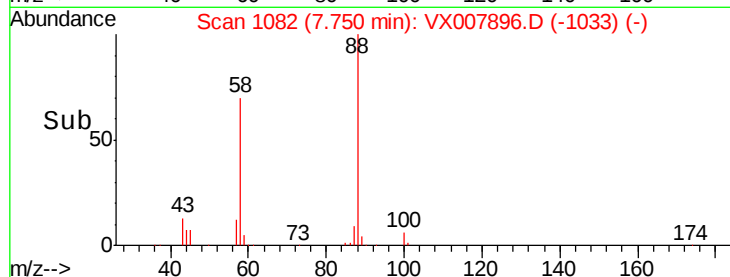
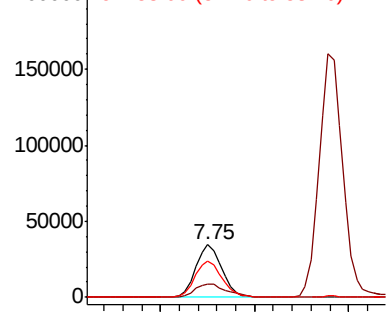
#49
1,4-Dioxane
Concen: 978.794 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX007896.D
Acq: 07 Mar 2019 20:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 66648
Ion Ratio Lower Upper
88 100
43 31.0 25.1 37.7
58 72.0 57.8 86.6

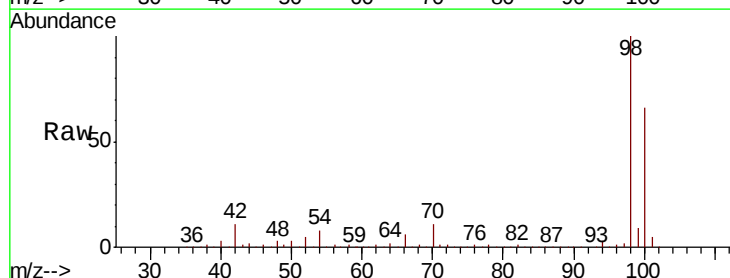


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

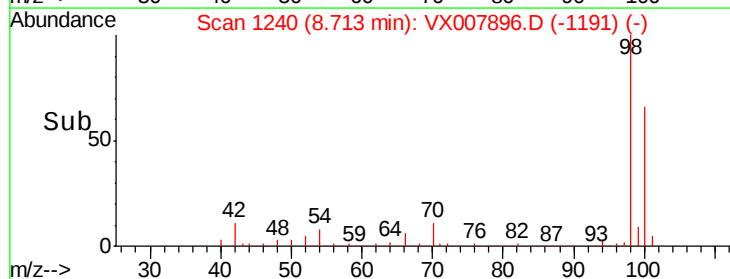
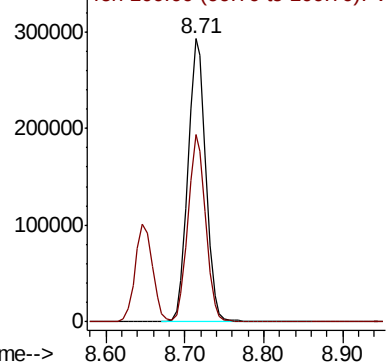


#50
Toluene-d8
Concen: 49.528 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007896.D
Acq: 07 Mar 2019 20:44

Tgt Ion: 98 Resp: 461277
Ion Ratio Lower Upper
98 100
100 65.4 51.7 77.5



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

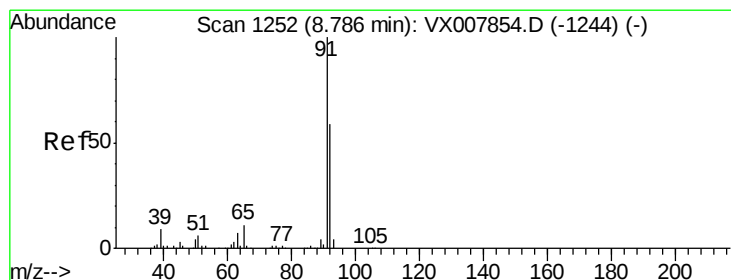
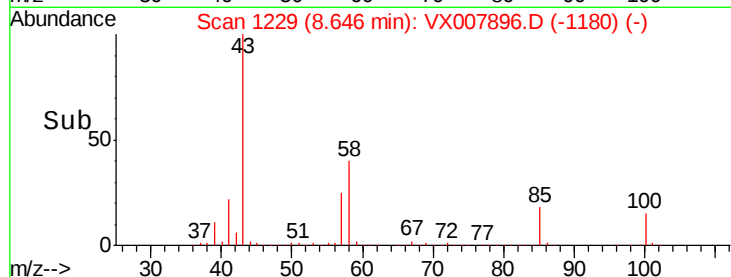
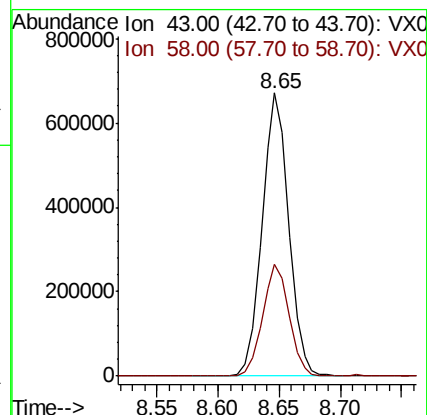
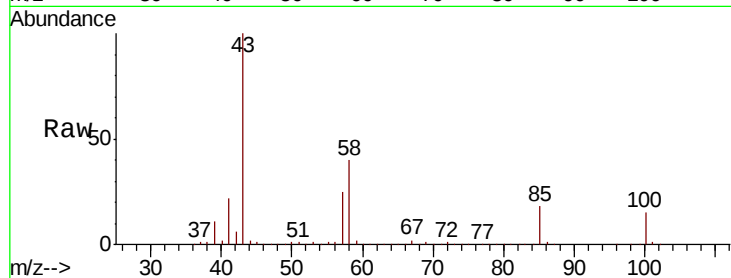




#51
 4-Methyl-2-Pentanone
 Concen: 250.705 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VX007896.D
 Acq: 07 Mar 2019 20:44

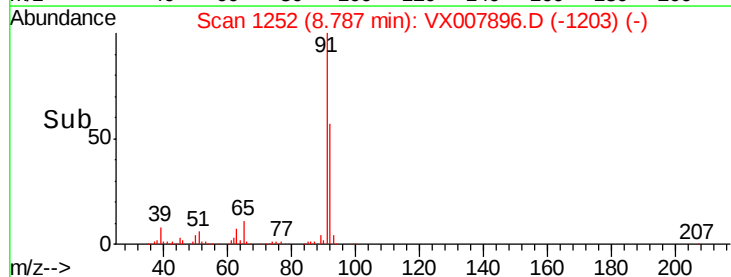
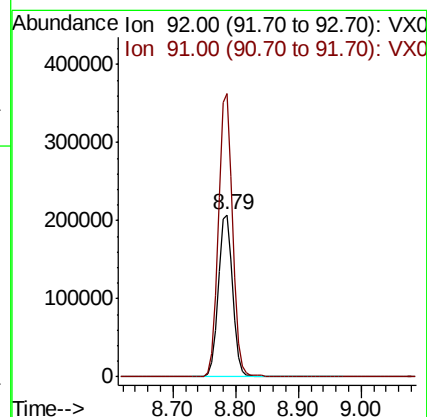
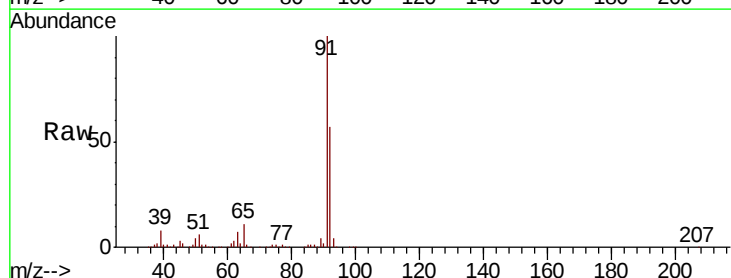
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1016496
 Ion Ratio Lower Upper
 43 100
 58 39.5 31.3 46.9



#52
 Toluene
 Concen: 50.197 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VX007896.D
 Acq: 07 Mar 2019 20:44

Tgt Ion: 92 Resp: 327519
 Ion Ratio Lower Upper
 92 100
 91 172.7 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 53.199 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007896.D

Acq: 07 Mar 2019 20:44

Instrument :

MSVOA_X

ClientSampleId :

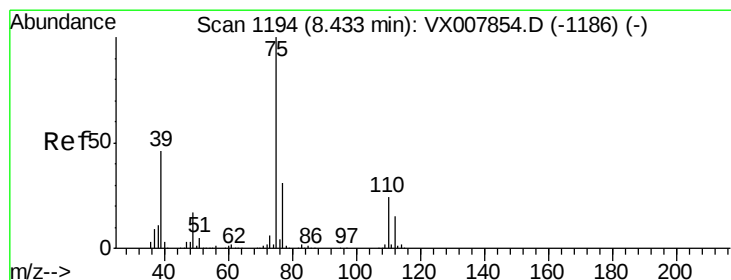
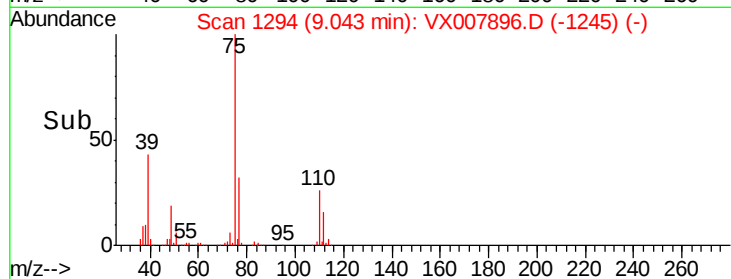
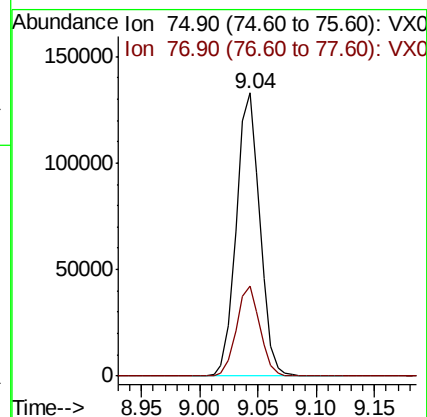
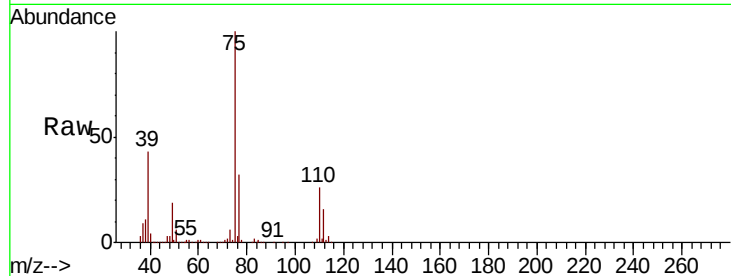
VSTDCCC050EC

Tgt Ion: 75 Resp: 188056

Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 52.960 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX007896.D

Acq: 07 Mar 2019 20:44

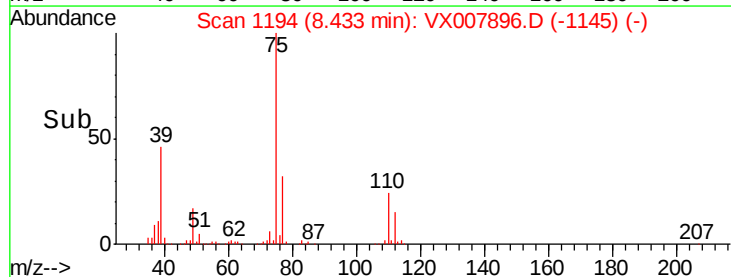
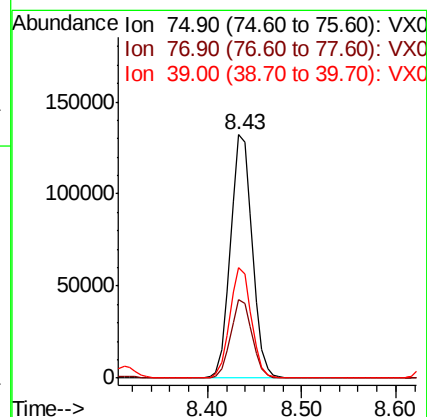
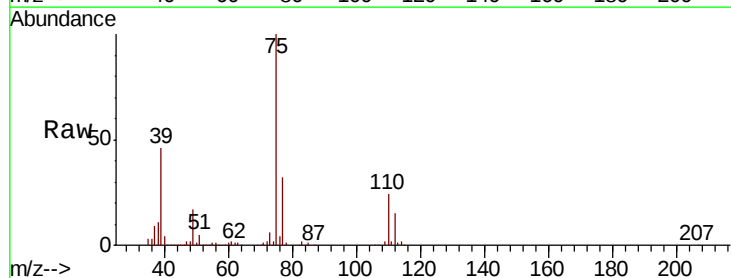
Tgt Ion: 75 Resp: 211405

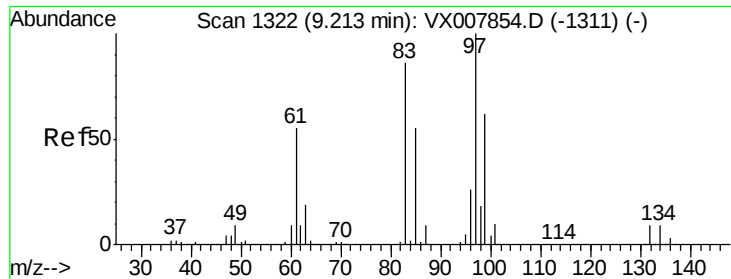
Ion Ratio Lower Upper

75 100

77 32.4 25.0 37.6

39 45.6 36.6 54.8

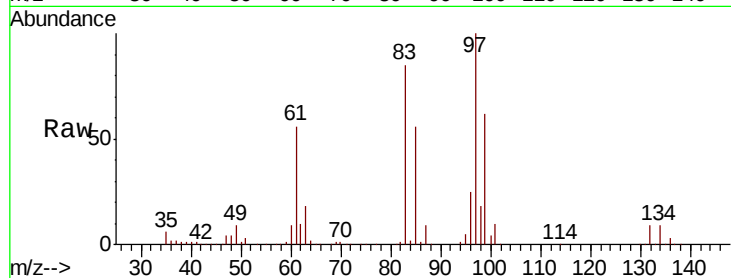




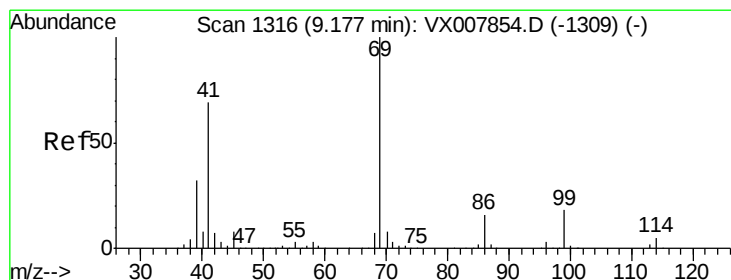
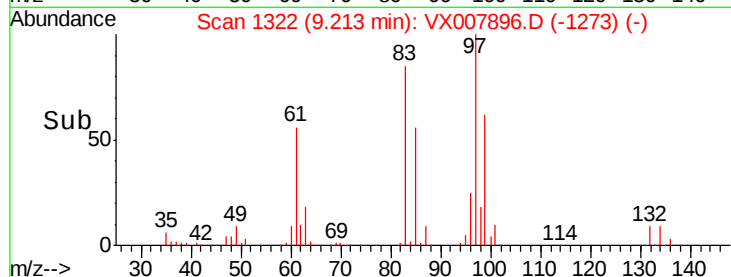
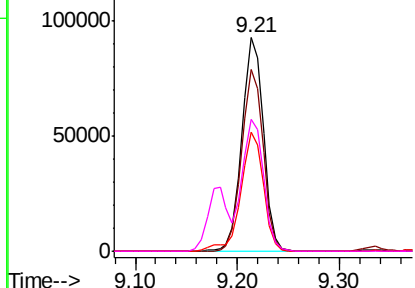
#55
 1,1,2-Trichloroethane
 Concen: 51.248 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX007896.D
 Acq: 07 Mar 2019 20:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 97 Resp: 135361
 Ion Ratio Lower Upper
 97 100
 83 85.1 69.1 103.7
 85 55.7 44.3 66.5
 99 61.5 49.8 74.8

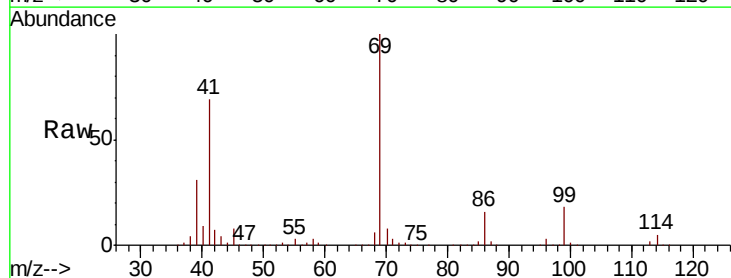


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

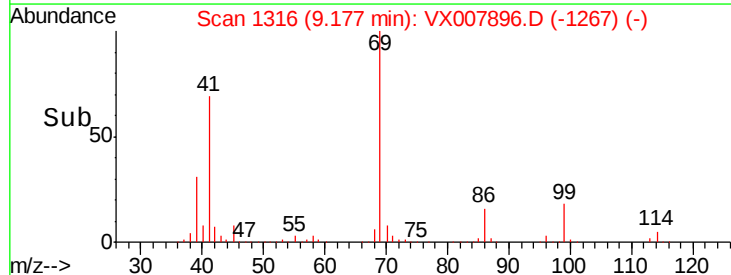
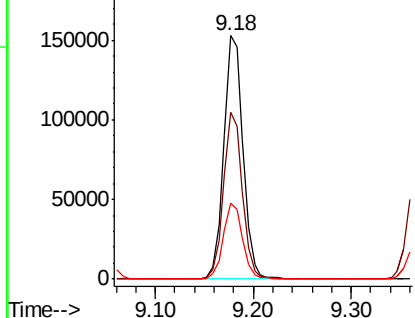


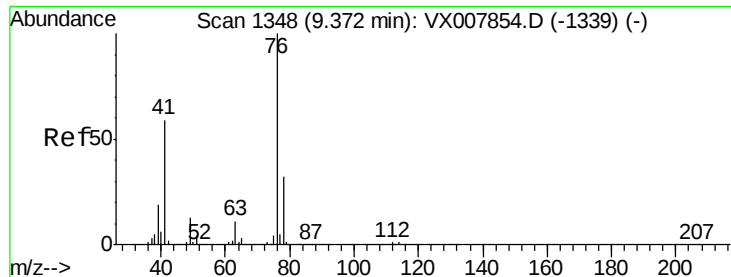
#56
 Ethyl methacrylate
 Concen: 52.629 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX007896.D
 Acq: 07 Mar 2019 20:44

Tgt Ion: 69 Resp: 208714
 Ion Ratio Lower Upper
 69 100
 41 66.9 54.2 81.4
 39 31.2 25.0 37.4



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 50.792 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007896.D

Acq: 07 Mar 2019 20:44

Instrument :

MSVOA_X

ClientSampleId :

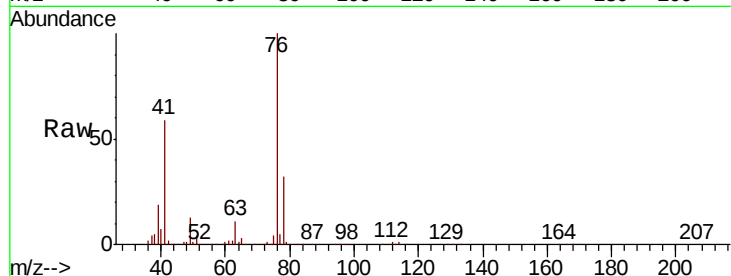
VSTDCCC050EC

Tgt Ion: 76 Resp: 225257

Ion Ratio Lower Upper

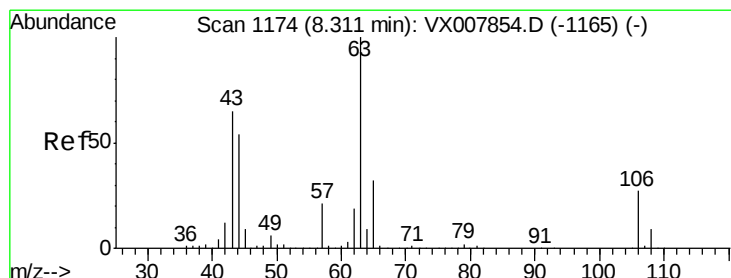
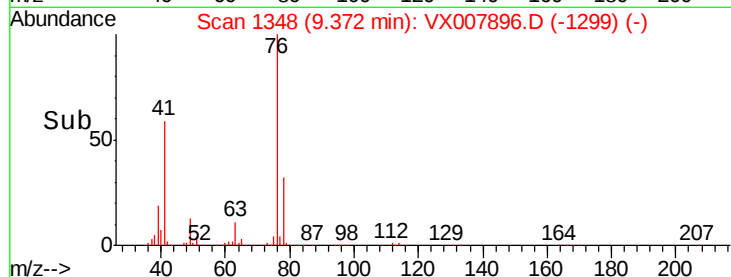
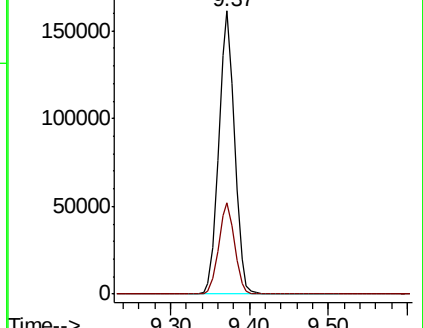
76 100

78 32.4 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 253.285 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX007896.D

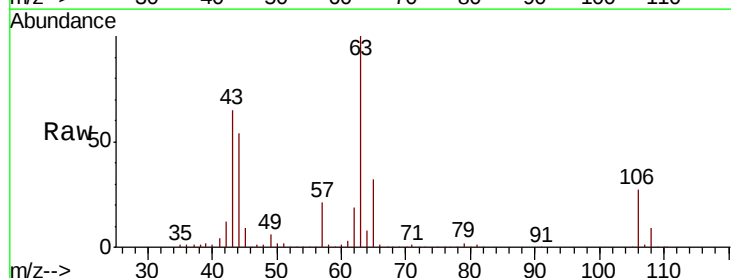
Acq: 07 Mar 2019 20:44

Tgt Ion: 63 Resp: 519586

Ion Ratio Lower Upper

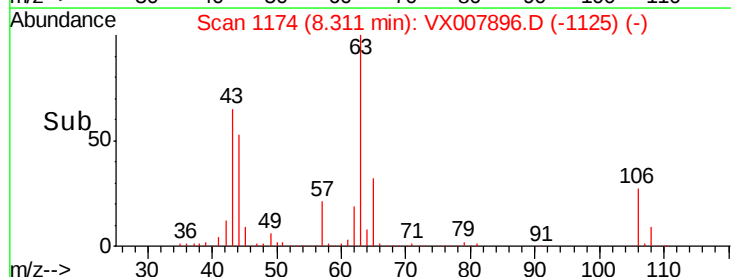
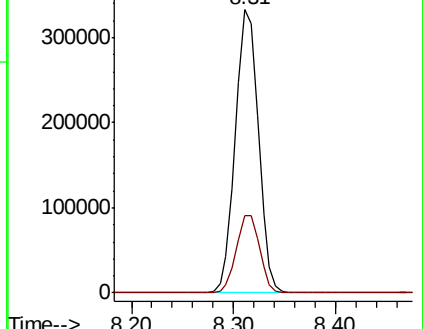
63 100

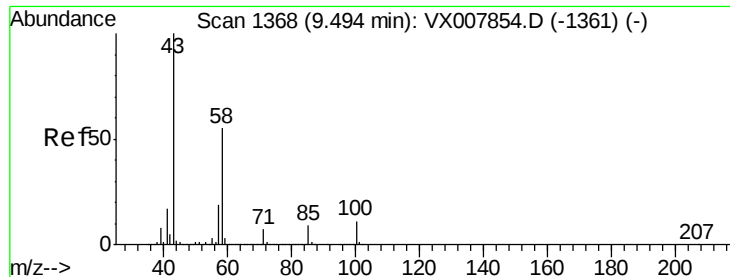
106 27.8 22.2 33.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

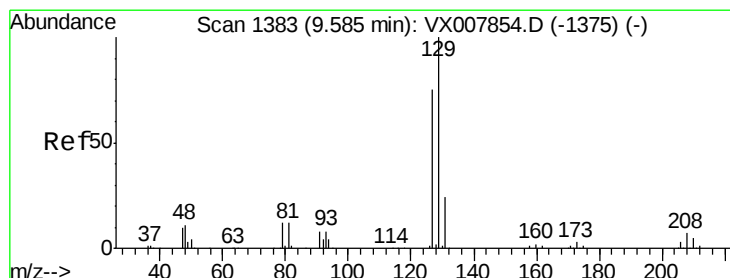
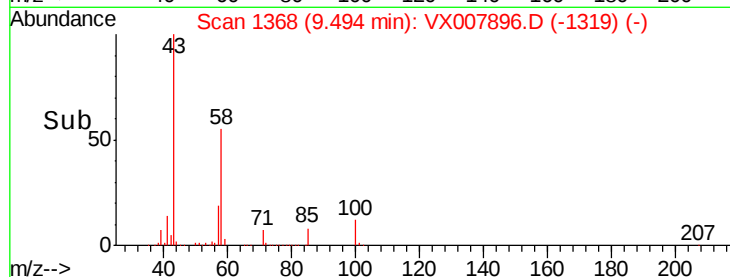
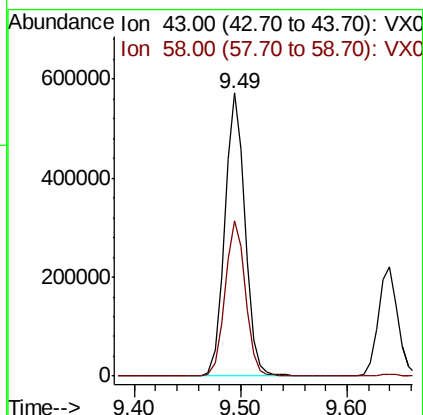
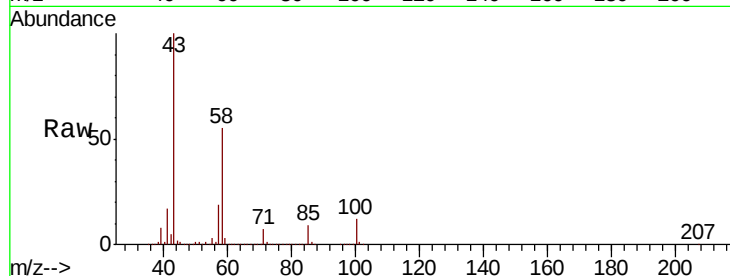




#59
2-Hexanone
Concen: 242.046 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007896.D
Acq: 07 Mar 2019 20:44

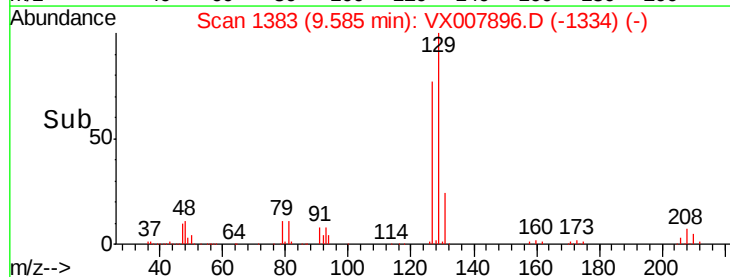
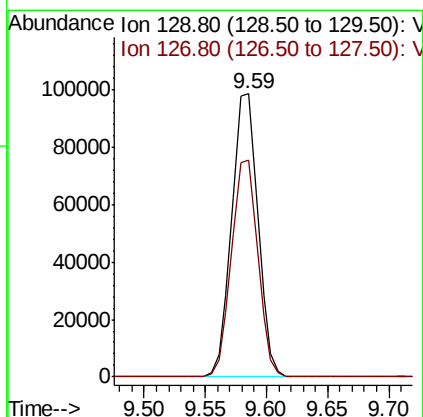
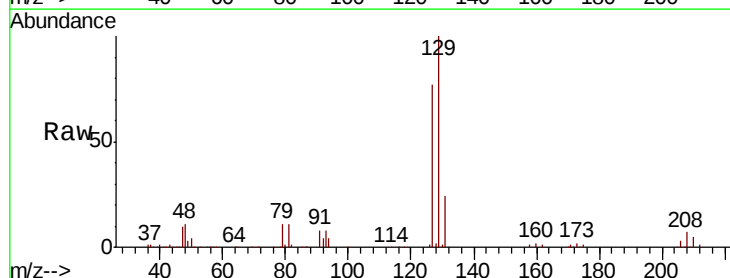
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

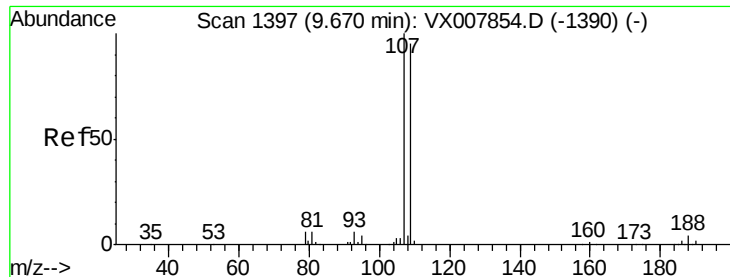
Tgt Ion: 43 Resp: 761929
Ion Ratio Lower Upper
43 100
58 55.6 27.6 82.7



#60
Dibromochloromethane
Concen: 52.939 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX007896.D
Acq: 07 Mar 2019 20:44

Tgt Ion: 129 Resp: 146151
Ion Ratio Lower Upper
129 100
127 77.0 38.3 114.8





#61

1,2-Dibromoethane

Concen: 50.929 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007896.D

Acq: 07 Mar 2019 20:44

Instrument :

MSVOA_X

ClientSampleId :

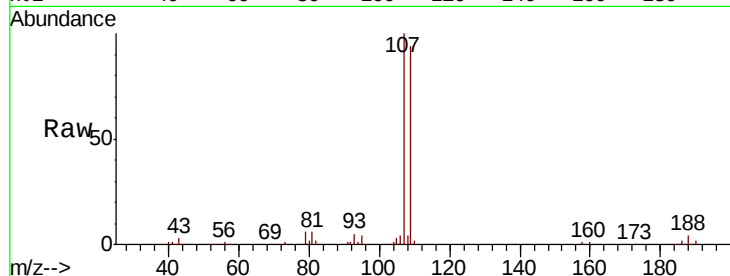
VSTDCCC050EC

Tgt Ion: 107 Resp: 142820

Ion Ratio Lower Upper

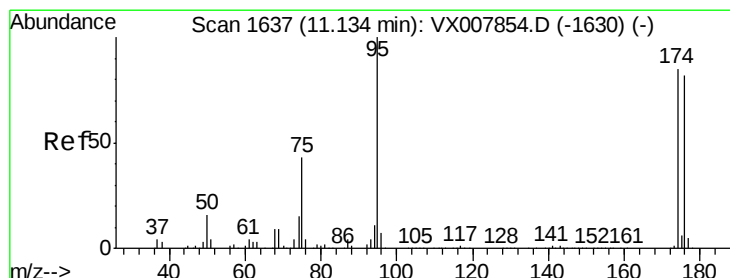
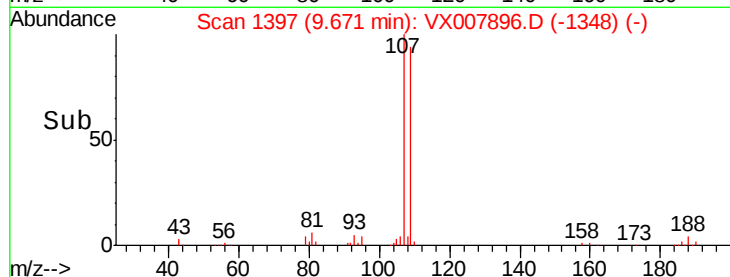
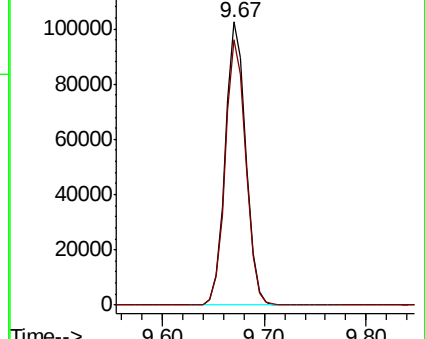
107 100

109 94.1 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.734 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007896.D

Acq: 07 Mar 2019 20:44

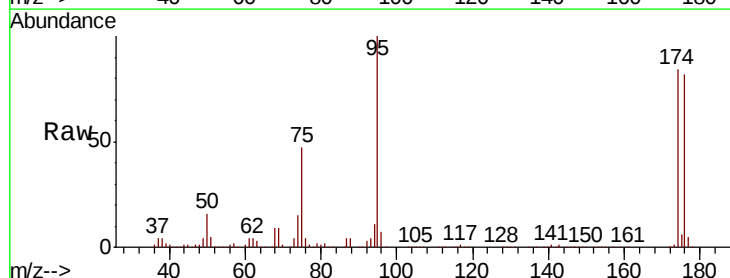
Tgt Ion: 95 Resp: 162399

Ion Ratio Lower Upper

95 100

174 91.7 0.0 182.8

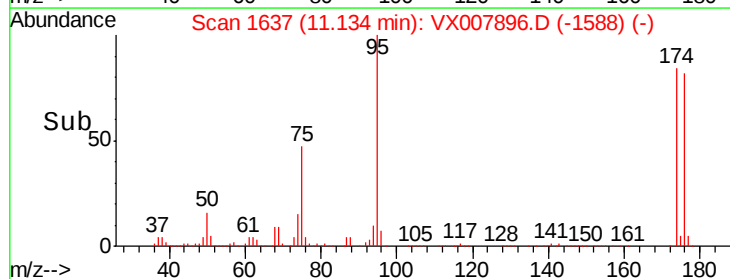
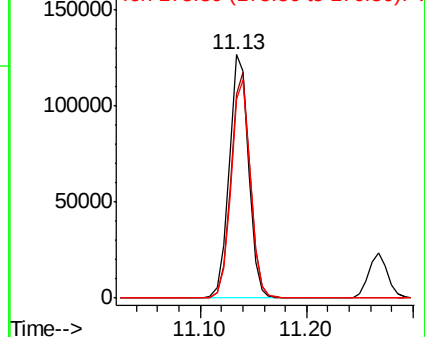
176 89.0 0.0 178.0

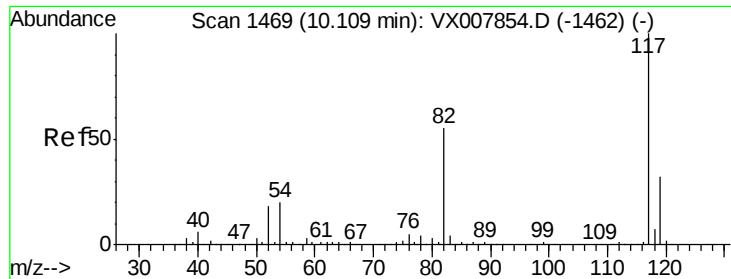


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

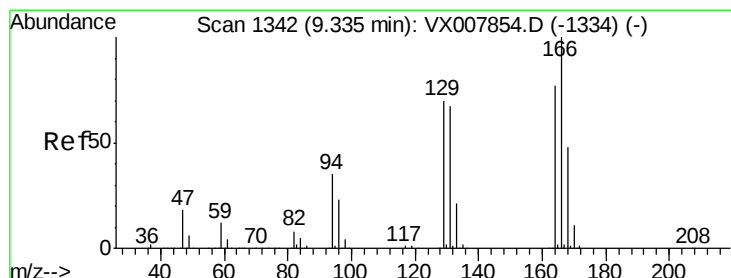
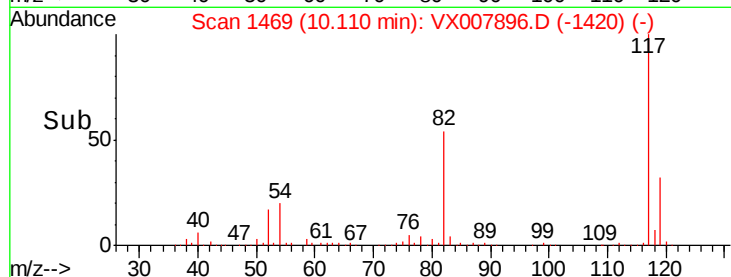
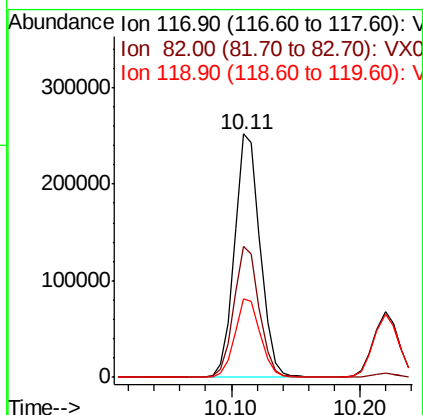
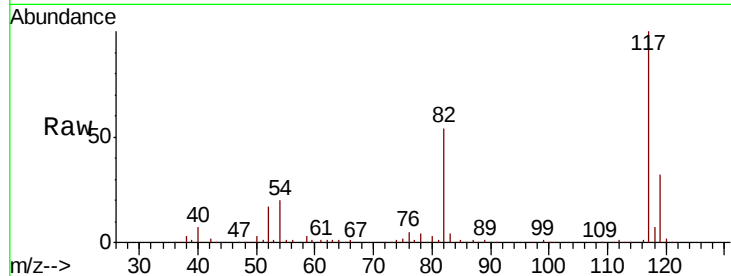




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007896.D
Acq: 07 Mar 2019 20:44

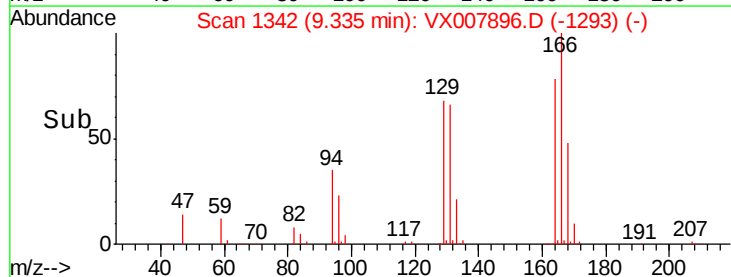
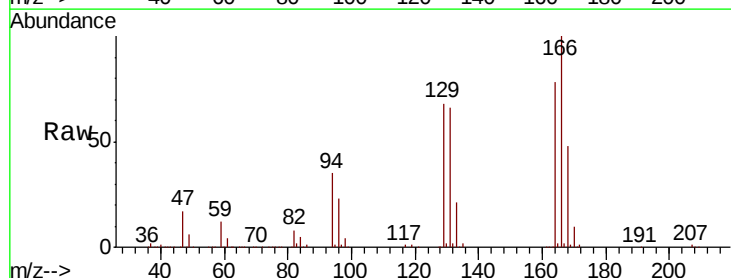
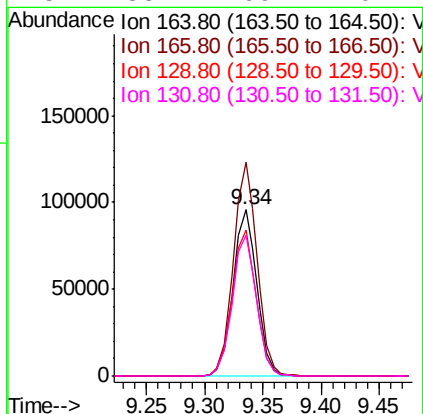
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

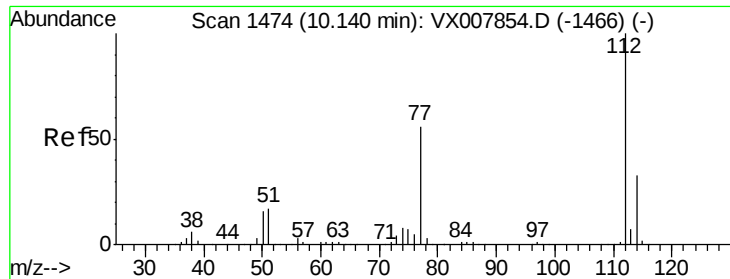
Tgt Ion:117 Resp: 348131
Ion Ratio Lower Upper
117 100
82 53.7 44.3 66.5
119 32.1 25.3 37.9



#64
Tetrachloroethene
Concen: 47.352 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007896.D
Acq: 07 Mar 2019 20:44

Tgt Ion:164 Resp: 136607
Ion Ratio Lower Upper
164 100
166 128.8 103.4 155.0
129 88.1 72.2 108.4
131 85.2 69.4 104.2

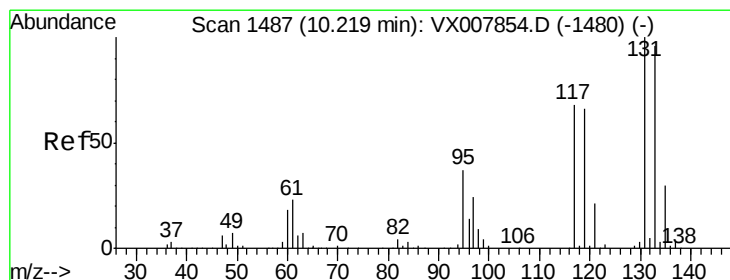
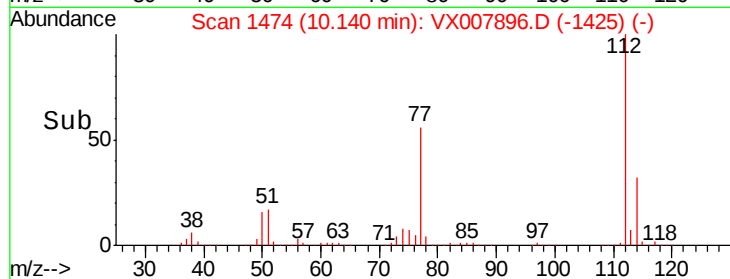
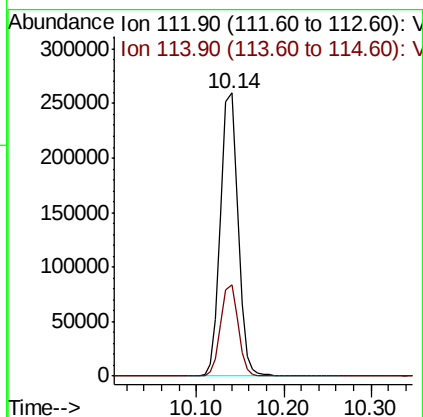
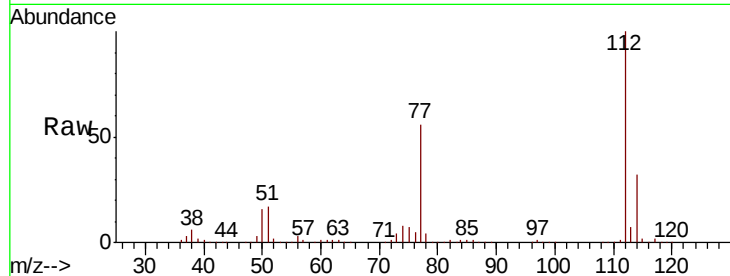




#65
Chlorobenzene
Concen: 49.483 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX007896.D
Acq: 07 Mar 2019 20:44

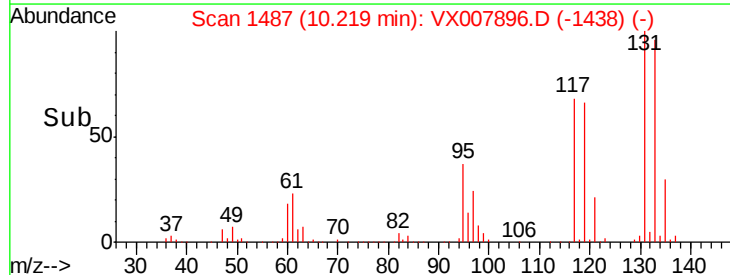
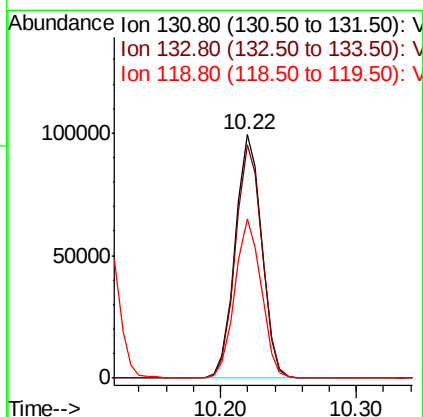
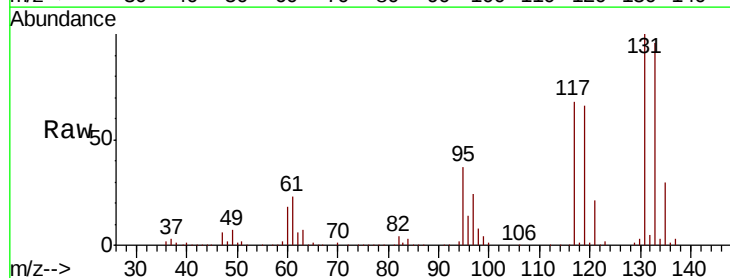
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

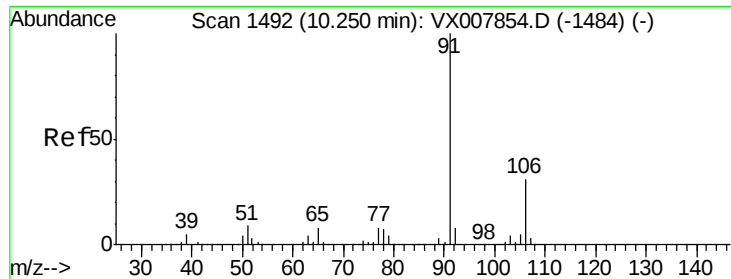
Tgt Ion:112 Resp: 360479
Ion Ratio Lower Upper
112 100
114 32.4 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 51.481 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX007896.D
Acq: 07 Mar 2019 20:44

Tgt Ion:131 Resp: 134413
Ion Ratio Lower Upper
131 100
133 96.4 47.8 143.3
119 65.4 32.5 97.5

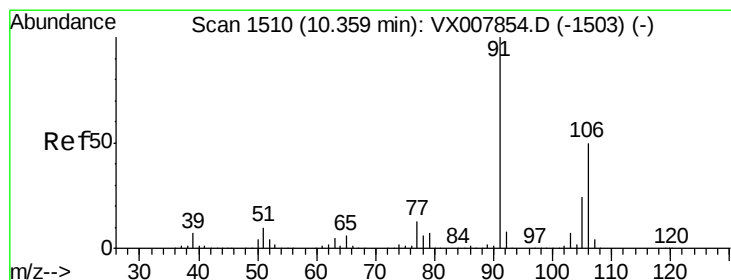
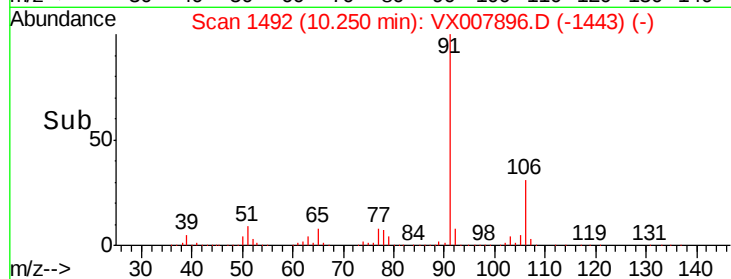
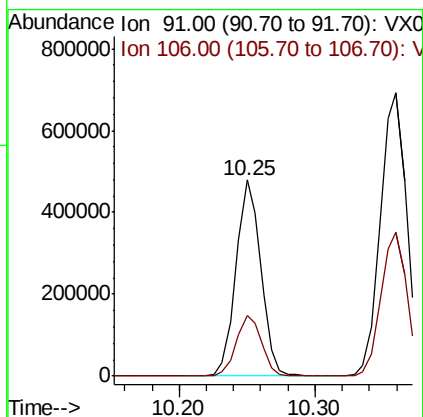
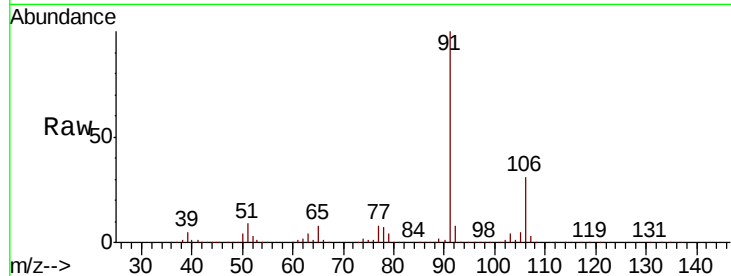




#67
Ethyl Benzene
Concen: 50.864 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX007896.D
Acq: 07 Mar 2019 20:44

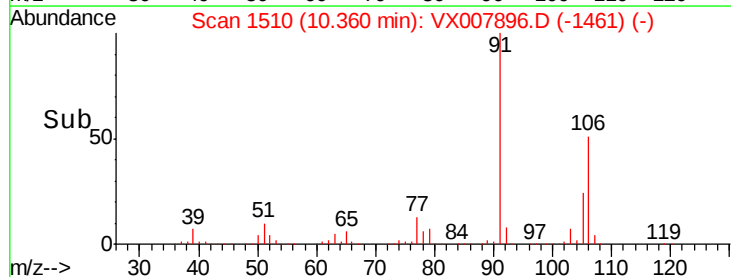
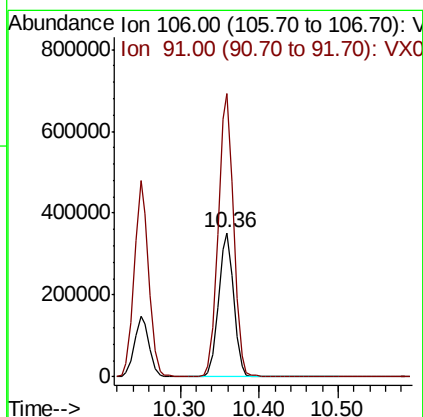
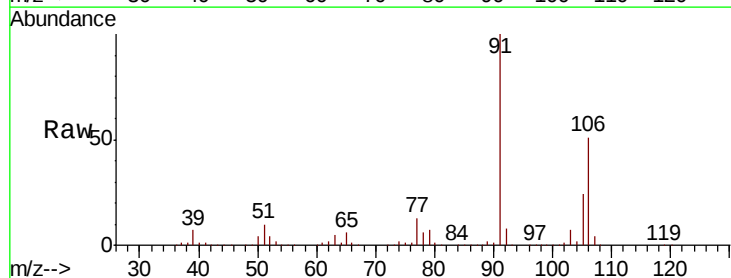
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

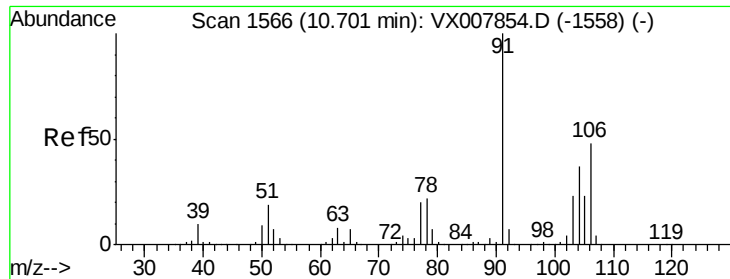
Tgt Ion: 91 Resp: 609942
Ion Ratio Lower Upper
91 100
106 31.2 25.2 37.8



#68
m/p-Xylenes
Concen: 102.032 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX007896.D
Acq: 07 Mar 2019 20:44

Tgt Ion: 106 Resp: 471615
Ion Ratio Lower Upper
106 100
91 199.0 159.8 239.6

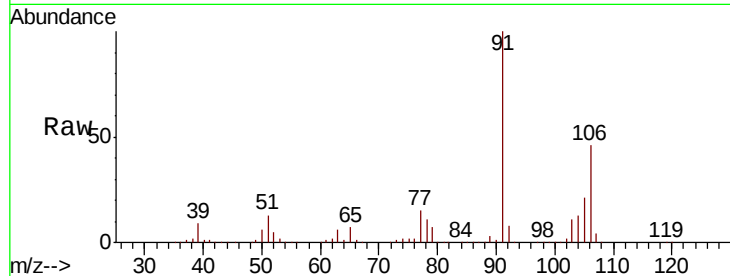




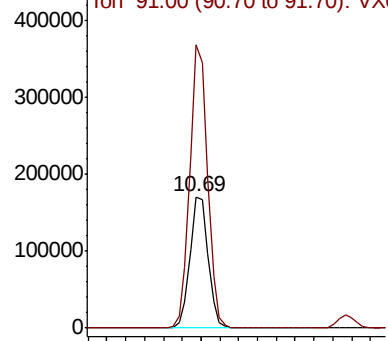
#69
o-Xylene
Concen: 51.248 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007896.D
Acq: 07 Mar 2019 20:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

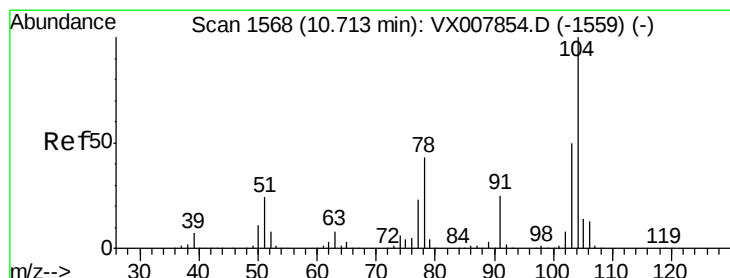
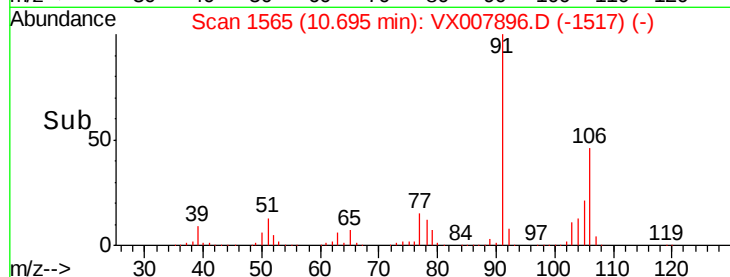
Tgt Ion:106 Resp: 228691
Ion Ratio Lower Upper
106 100
91 211.6 106.3 318.9



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

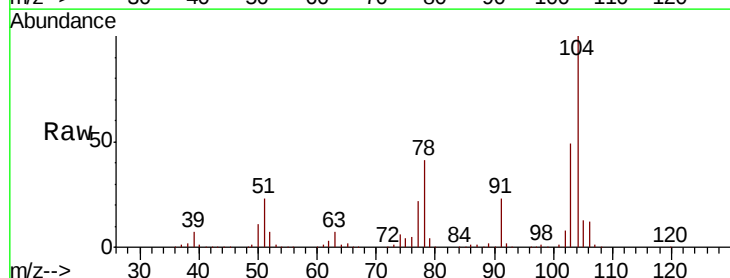


Time-->

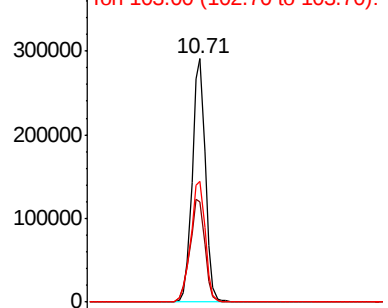


#70
Styrene
Concen: 52.153 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007896.D
Acq: 07 Mar 2019 20:44

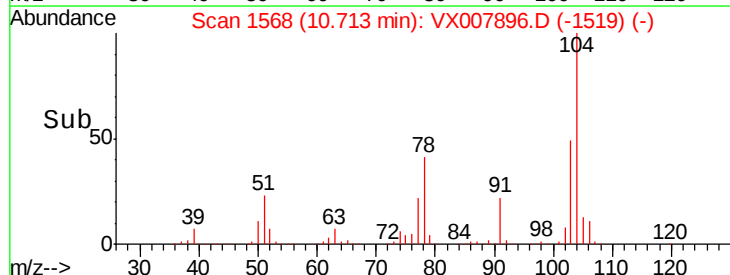
Tgt Ion:104 Resp: 380835
Ion Ratio Lower Upper
104 100
78 47.8 38.5 57.7
103 54.9 44.1 66.1

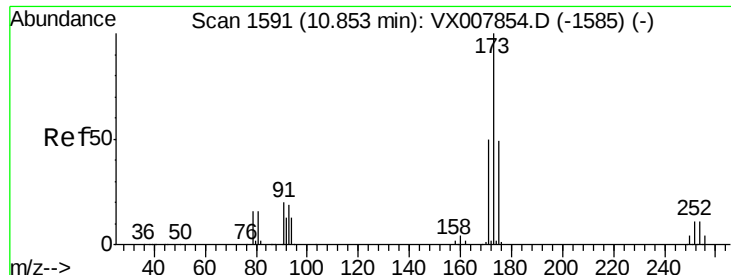


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V



Time-->





#71

Bromoform

Concen: 52.095 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.01 min

Lab File: VX007896.D

Acq: 07 Mar 2019 20:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

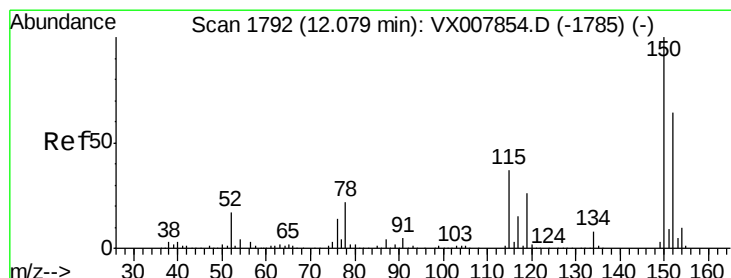
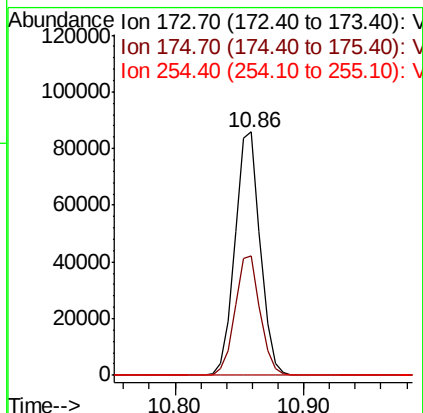
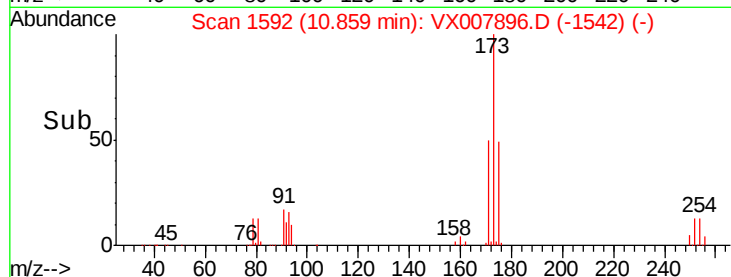
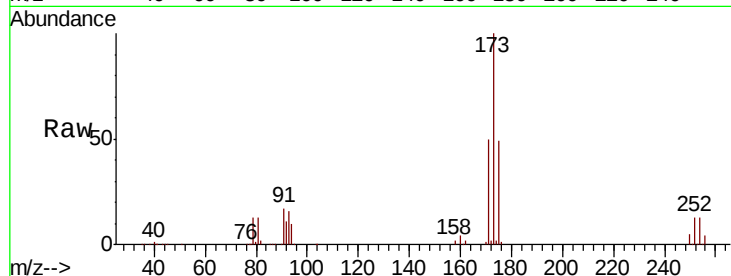
Tgt Ion:173 Resp: 116807

Ion Ratio Lower Upper

173 100

175 48.8 24.3 72.9

254 0.2 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007896.D

Acq: 07 Mar 2019 20:44

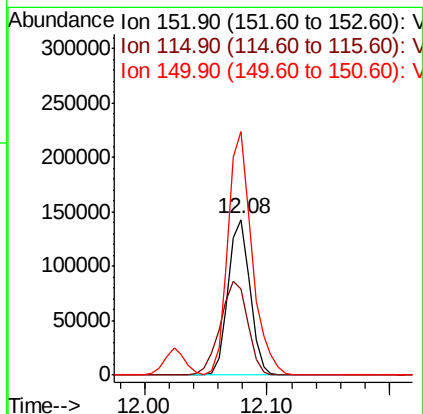
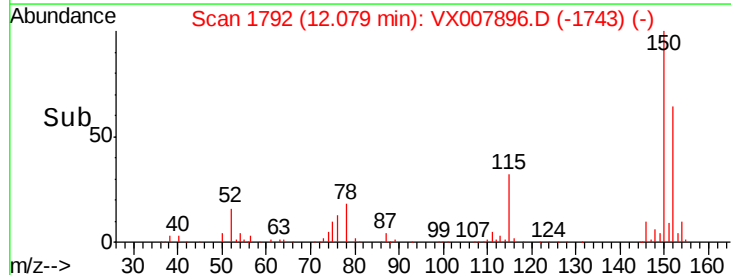
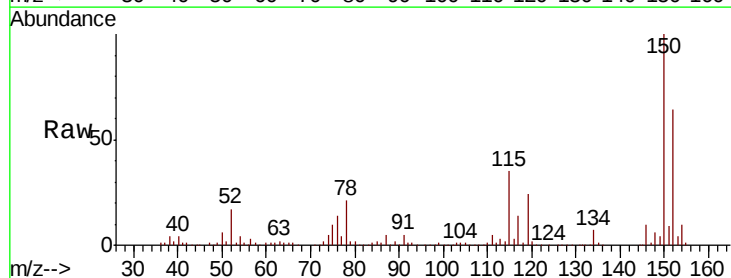
Tgt Ion:152 Resp: 175176

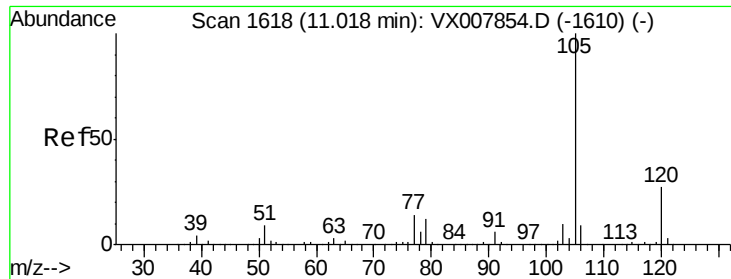
Ion Ratio Lower Upper

152 100

115 76.6 38.6 115.7

150 172.6 0.0 348.4





#73

Isopropylbenzene

Concen: 51.176 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007896.D

Acq: 07 Mar 2019 20:44

Instrument :

MSVOA_X

ClientSampleId :

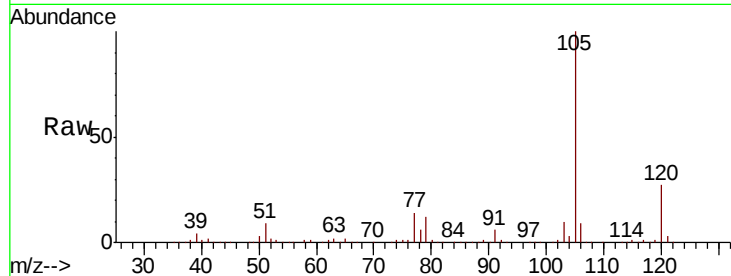
VSTDCCC050EC

Tgt Ion: 105 Resp: 606299

Ion Ratio Lower Upper

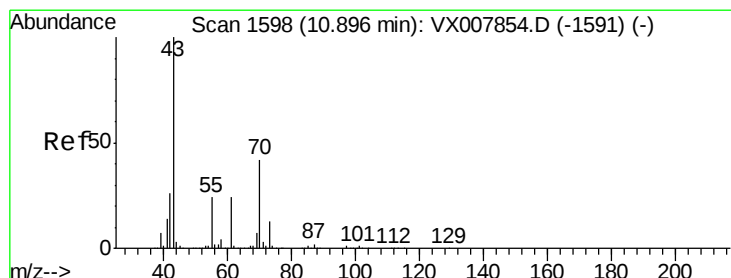
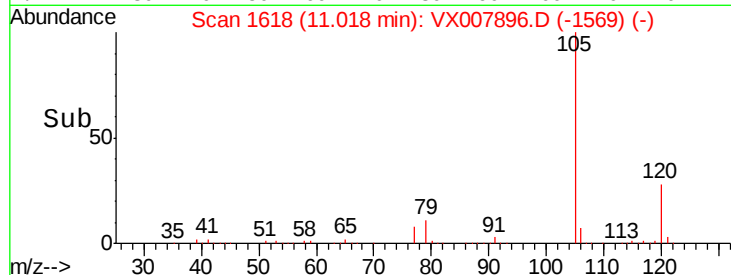
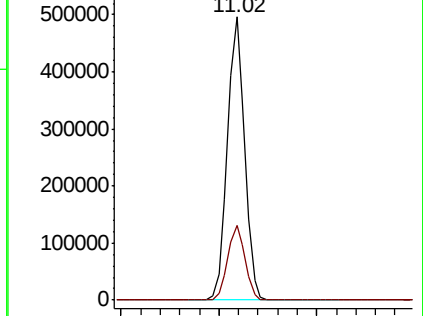
105 100

120 26.6 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.039 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007896.D

Acq: 07 Mar 2019 20:44

Tgt Ion: 43 Resp: 276051

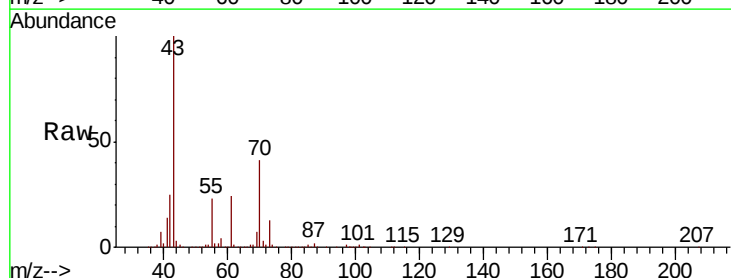
Ion Ratio Lower Upper

43 100

70 42.0 33.5 50.3

55 24.3 19.2 28.8

61 24.3 19.0 28.6

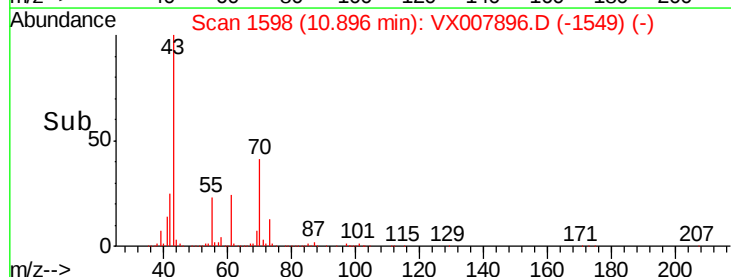
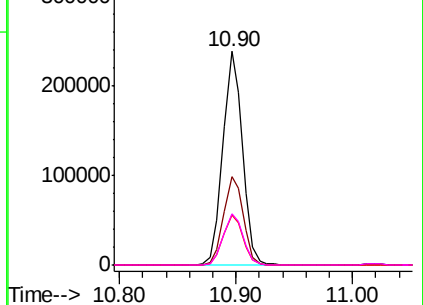


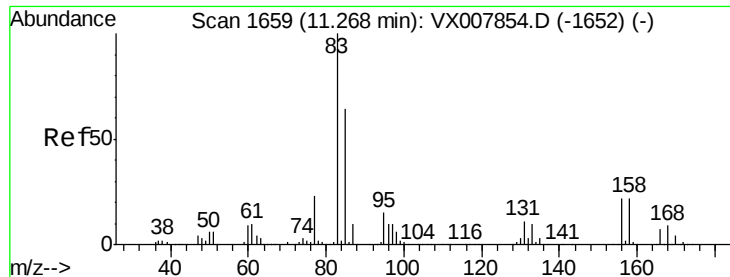
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 48.684 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007896.D

Acq: 07 Mar 2019 20:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

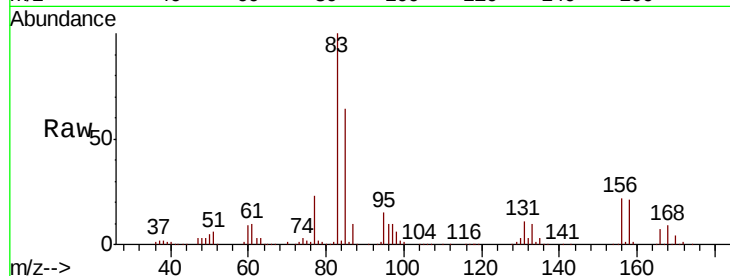
Tgt Ion: 83 Resp: 198955

Ion Ratio Lower Upper

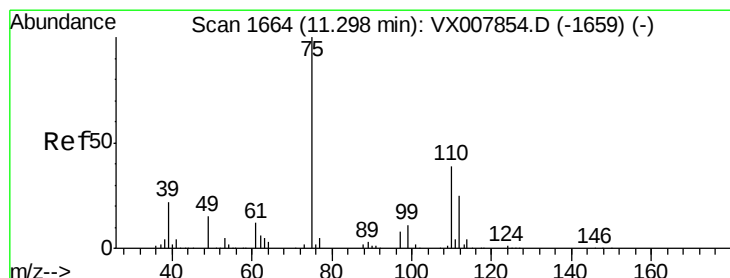
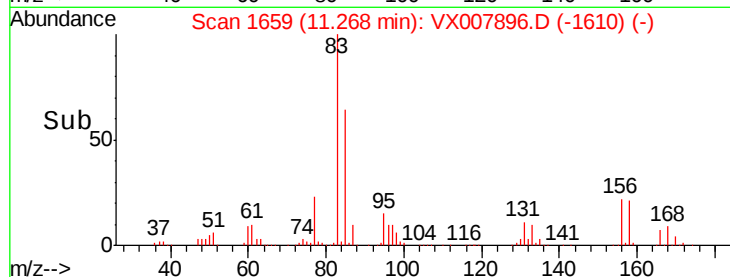
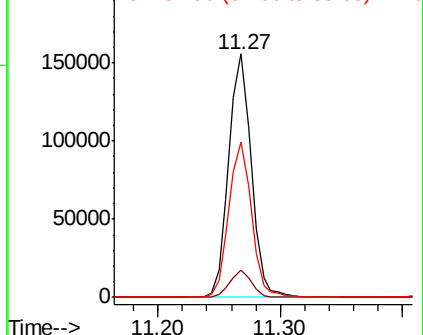
83 100

131 10.7 5.4 16.2

85 64.5 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 62.765 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX007896.D

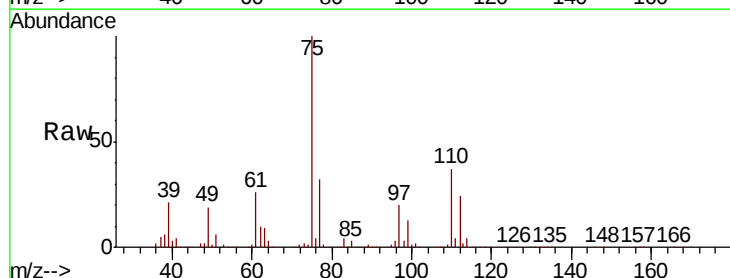
Acq: 07 Mar 2019 20:44

Tgt Ion: 75 Resp: 230720

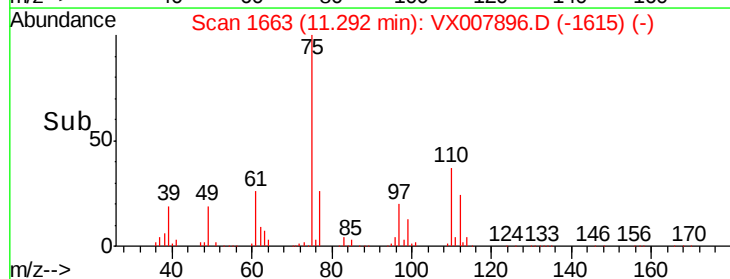
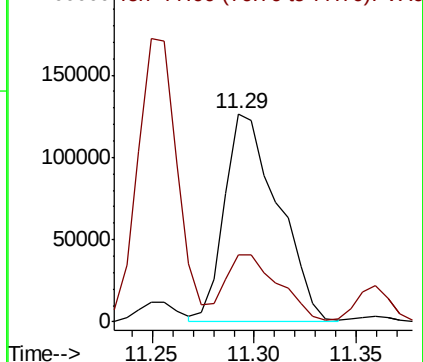
Ion Ratio Lower Upper

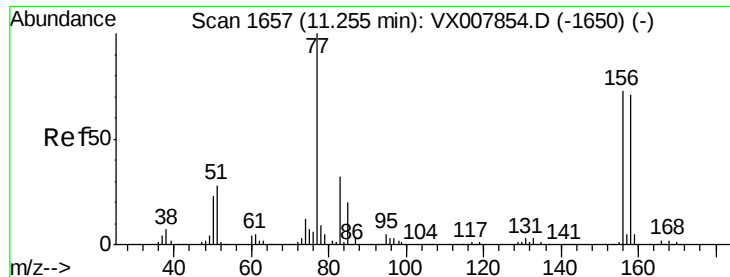
75 100

77 32.9 18.9 56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.411 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007896.D

Acq: 07 Mar 2019 20:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

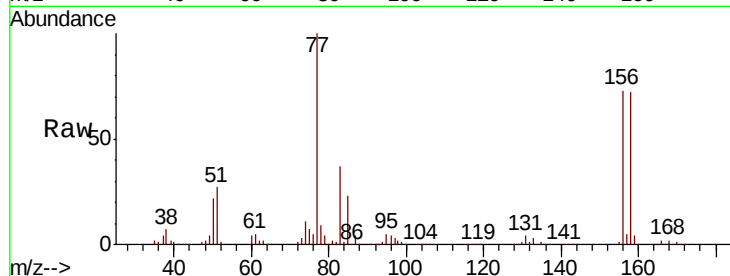
Tgt Ion:156 Resp: 160495

Ion Ratio Lower Upper

156 100

77 143.8 72.0 215.9

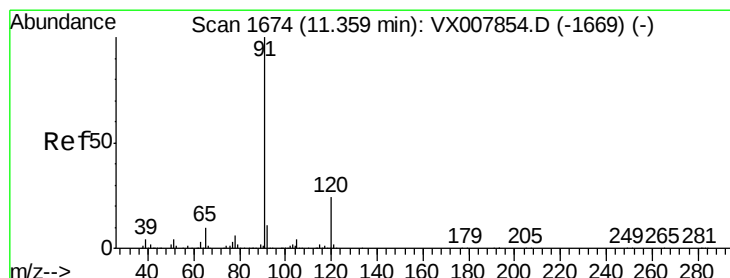
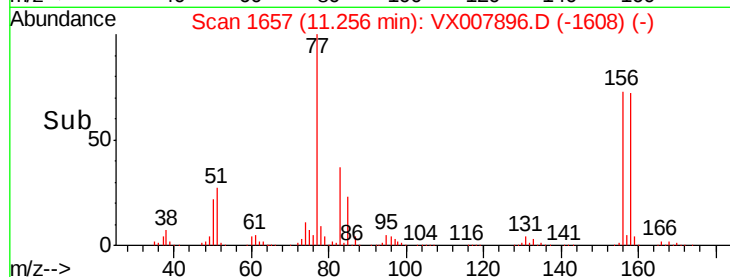
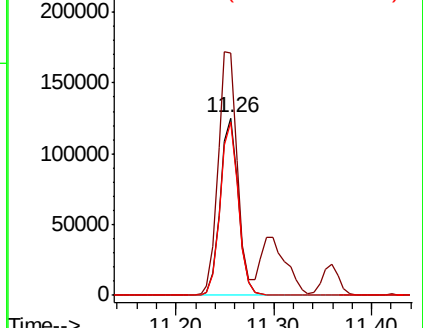
158 97.8 48.6 145.9



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: 52.131 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007896.D

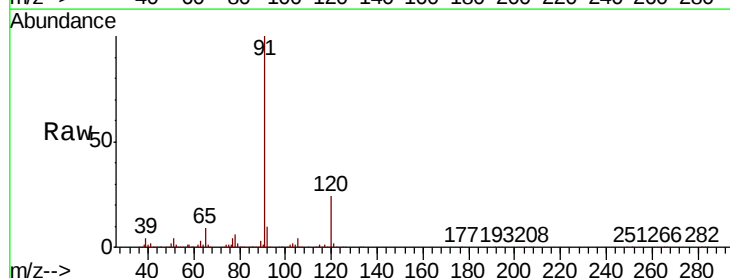
Acq: 07 Mar 2019 20:44

Tgt Ion: 91 Resp: 685178

Ion Ratio Lower Upper

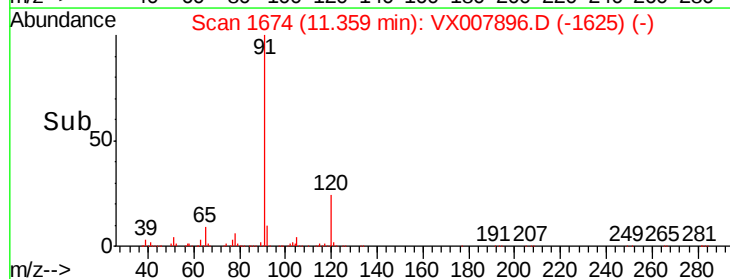
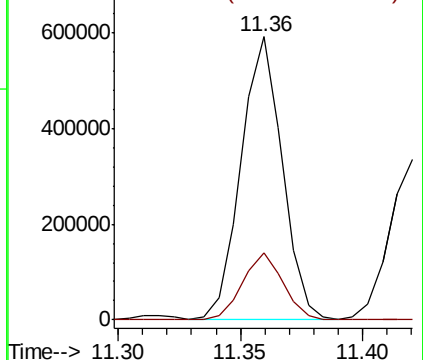
91 100

120 23.7 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

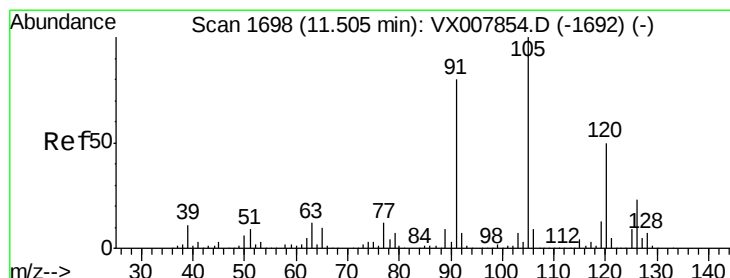
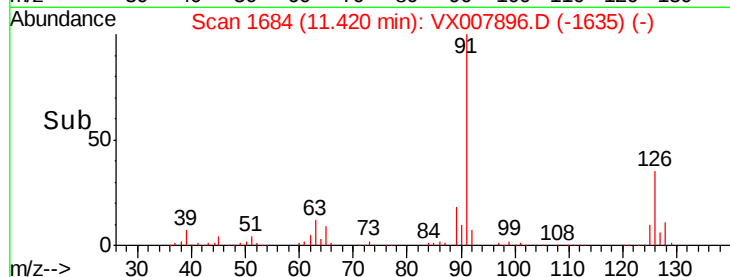
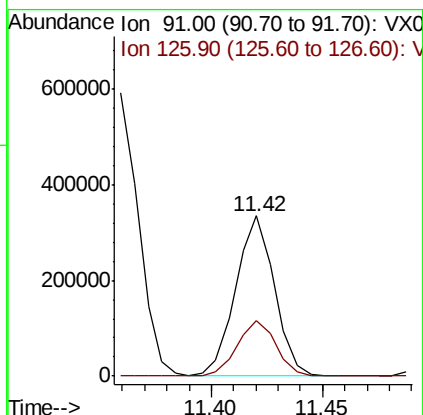
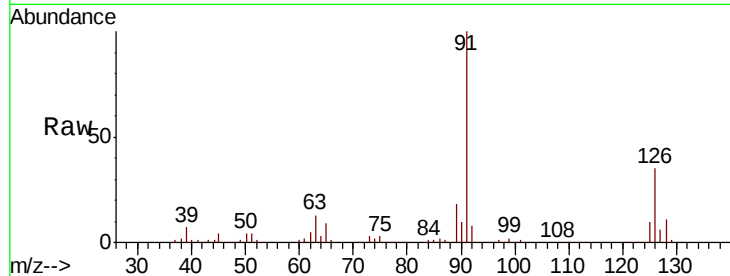




#79
 2-Chlorotoluene
 Concen: 50.373 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX007896.D
 Acq: 07 Mar 2019 20:44

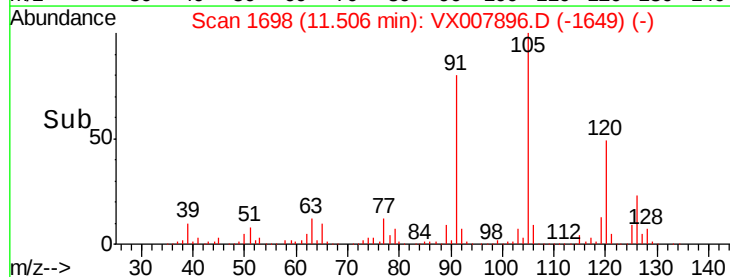
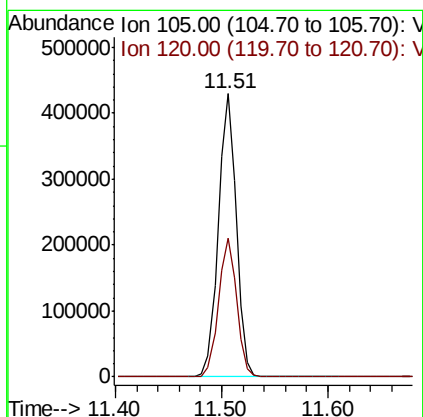
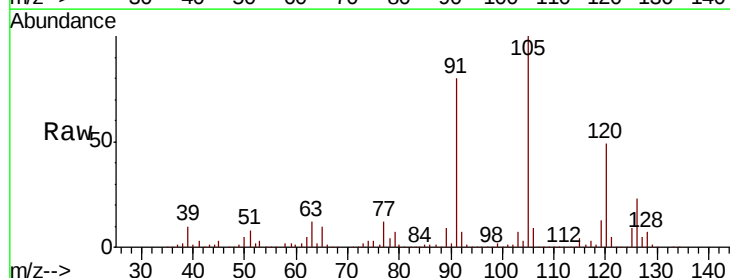
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

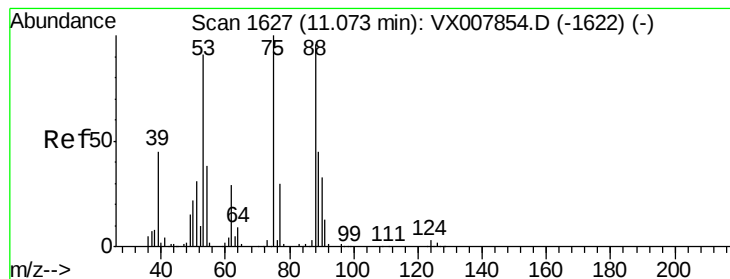
Tgt Ion: 91 Resp: 404802
 Ion Ratio Lower Upper
 91 100
 126 35.1 17.5 52.6



#80
 1,3,5-Trimethylbenzene
 Concen: 51.560 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX007896.D
 Acq: 07 Mar 2019 20:44

Tgt Ion: 105 Resp: 502762
 Ion Ratio Lower Upper
 105 100
 120 49.4 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 51.061 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007896.D

Acq: 07 Mar 2019 20:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

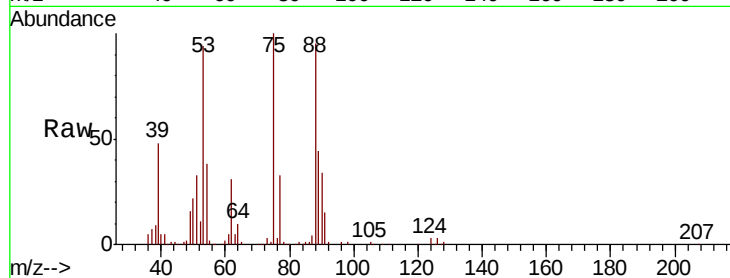
Tgt Ion: 75 Resp: 58720

Ion Ratio Lower Upper

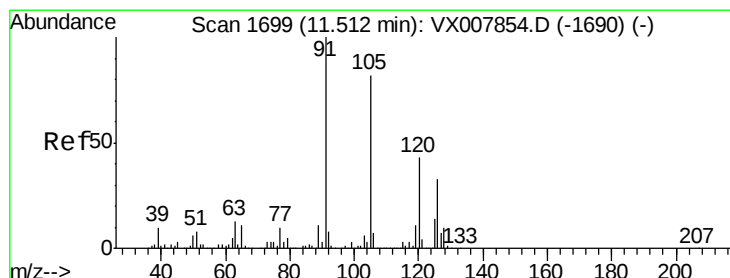
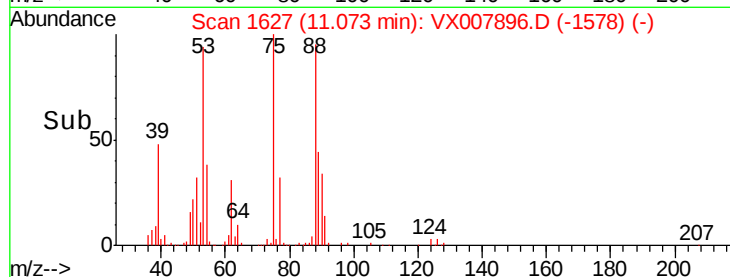
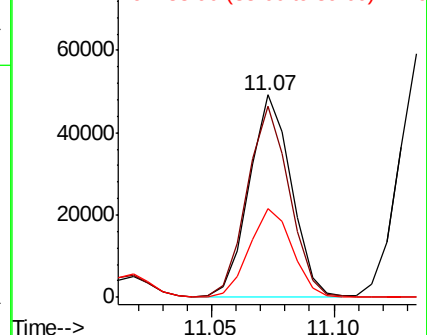
75 100

53 95.5 76.1 114.1

89 45.0 36.3 54.5



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 50.330 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX007896.D

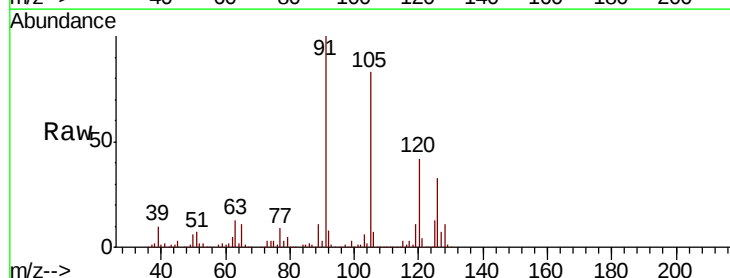
Acq: 07 Mar 2019 20:44

Tgt Ion: 91 Resp: 463510

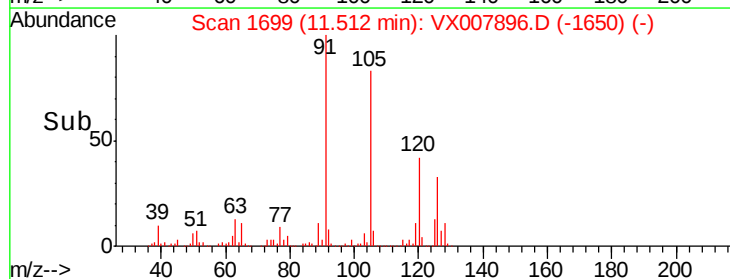
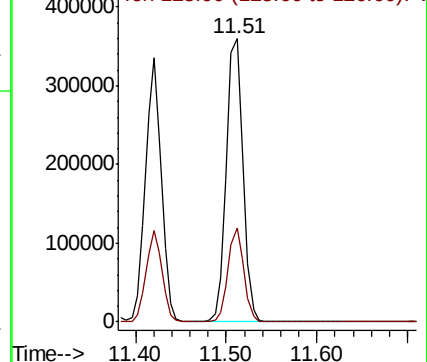
Ion Ratio Lower Upper

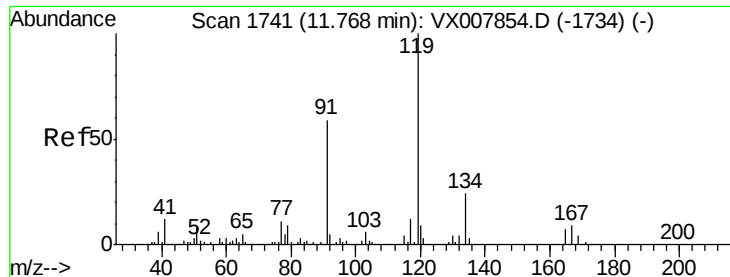
91 100

126 31.3 15.6 46.8



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

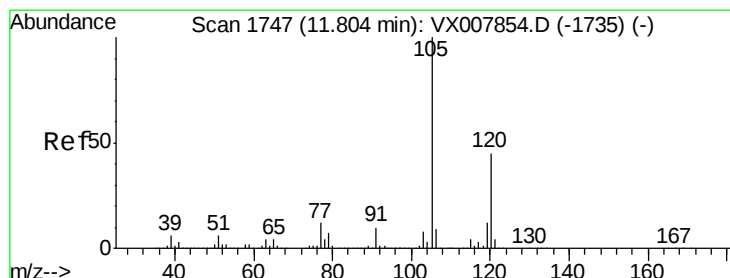
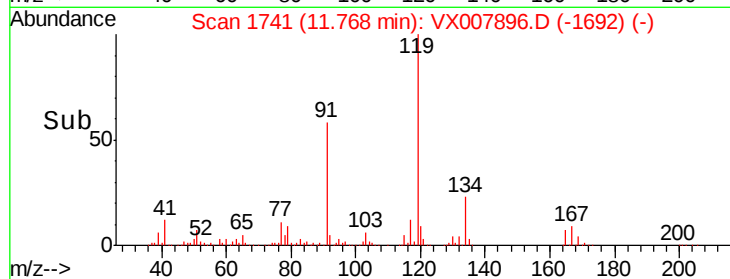
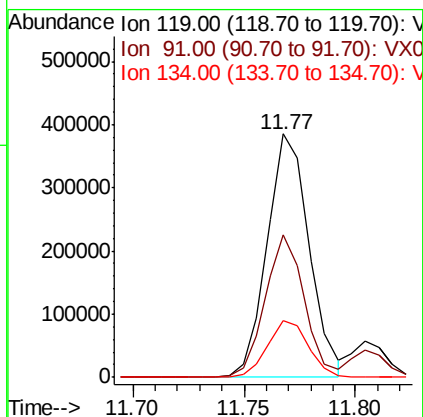
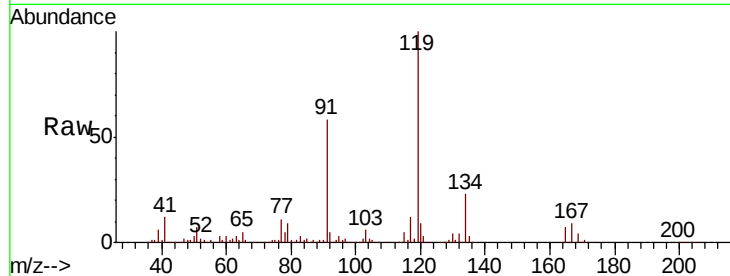




#83
 tert-Butylbenzene
 Concen: 51.373 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX007896.D
 Acq: 07 Mar 2019 20:44

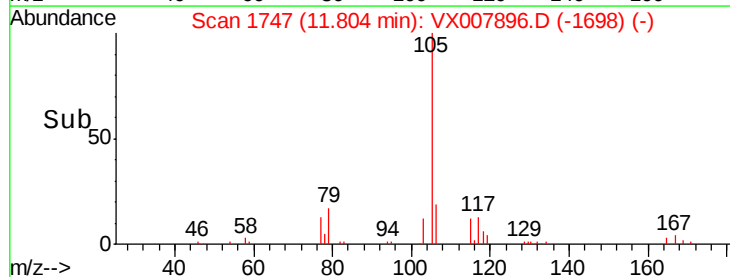
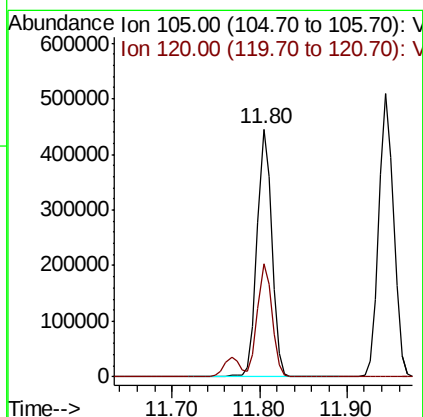
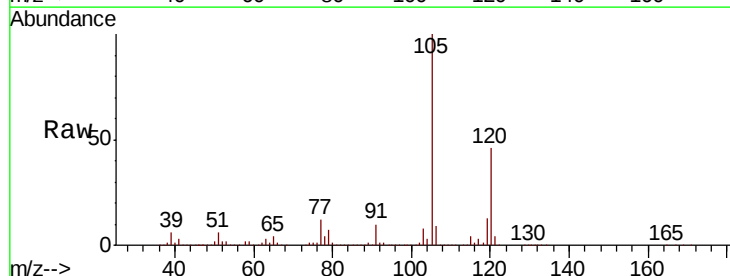
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

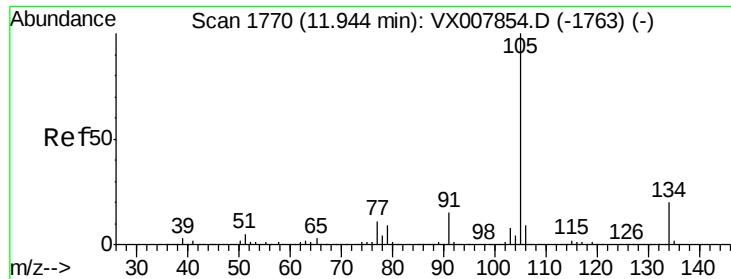
Tgt Ion:119 Resp: 504597
 Ion Ratio Lower Upper
 119 100
 91 54.7 27.1 81.3
 134 22.9 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 51.670 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX007896.D
 Acq: 07 Mar 2019 20:44

Tgt Ion:105 Resp: 516497
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.6 67.7





#85

sec-Butylbenzene

Concen: 52.130 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007896.D

Acq: 07 Mar 2019 20:44

Instrument :

MSVOA_X

ClientSampleId :

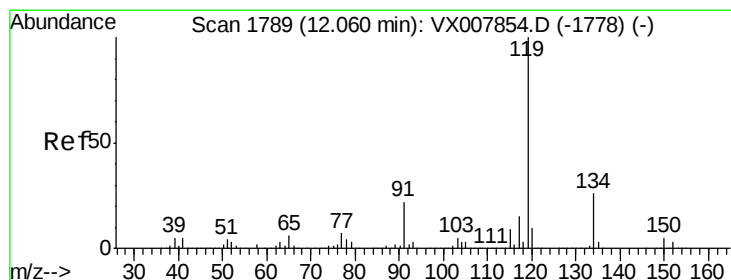
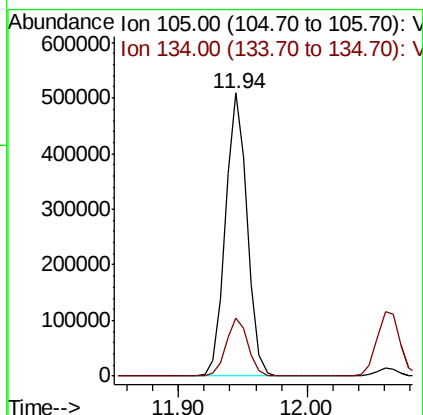
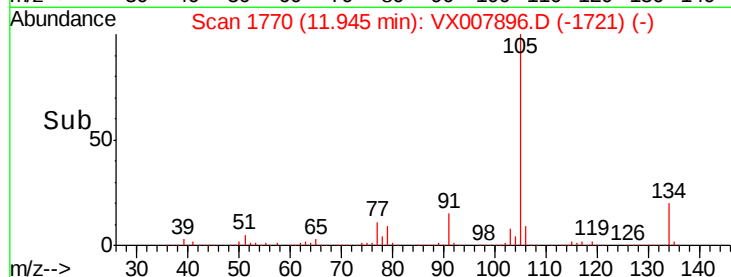
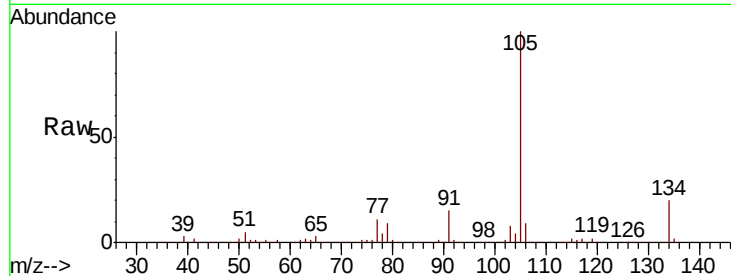
VSTDCCC050EC

Tgt Ion:105 Resp: 603043

Ion Ratio Lower Upper

105 100

134 20.6 10.4 31.2



#86

p-Isopropyltoluene

Concen: 52.234 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007896.D

Acq: 07 Mar 2019 20:44

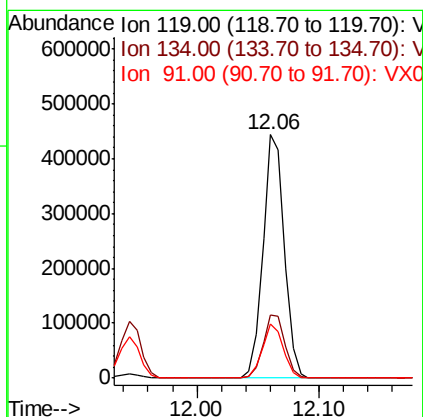
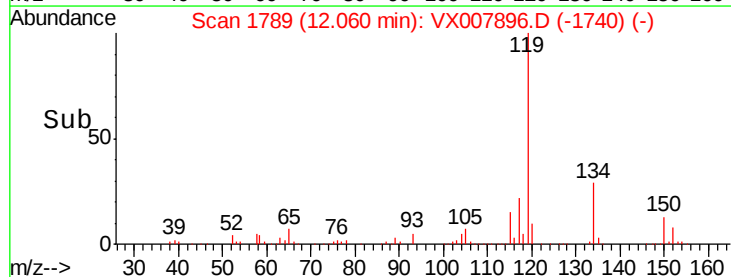
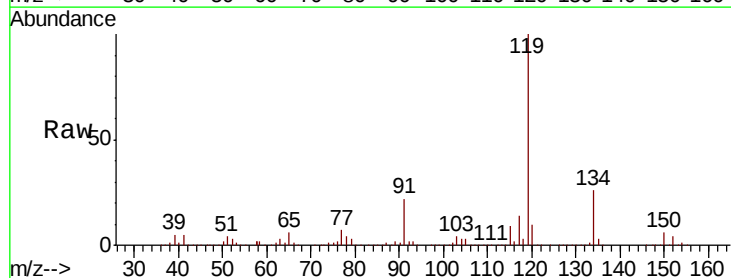
Tgt Ion:119 Resp: 541151

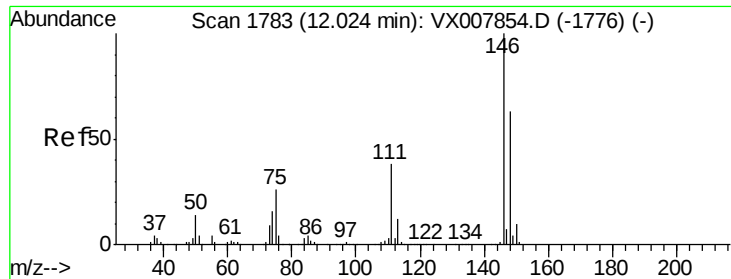
Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.9

91 21.9 10.9 32.7





#87

1,3-Dichlorobenzene

Concen: 49.813 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX007896.D

Acq: 07 Mar 2019 20:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

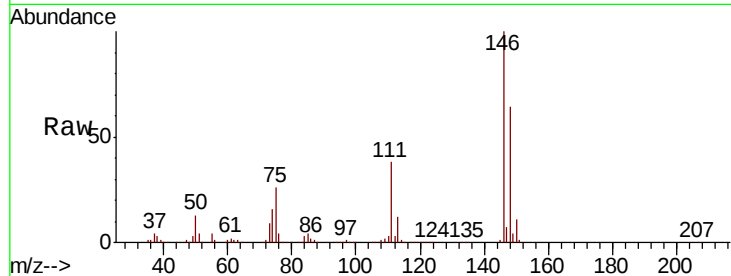
Tgt Ion:146 Resp: 286247

Ion Ratio Lower Upper

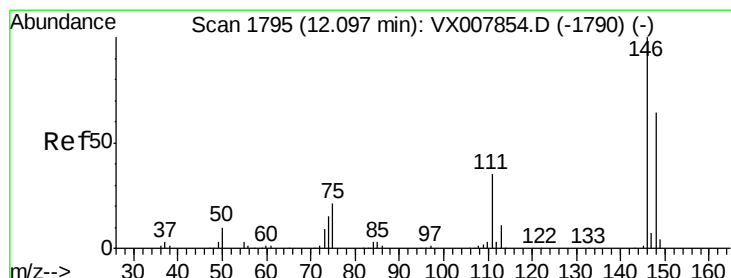
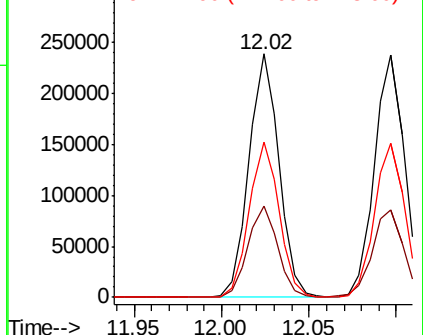
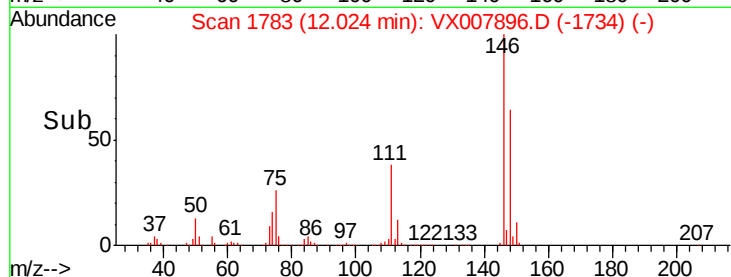
146 100

111 37.4 18.9 56.7

148 63.9 31.7 95.1



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: 48.470 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX007896.D

Acq: 07 Mar 2019 20:44

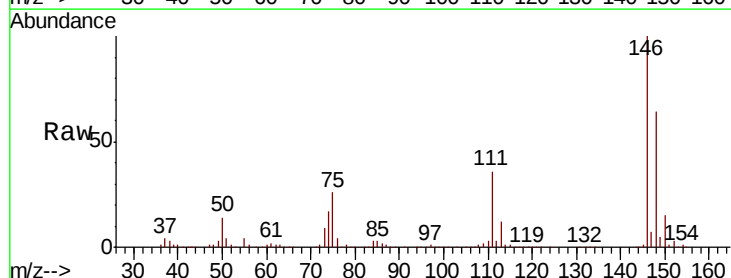
Tgt Ion:146 Resp: 285238

Ion Ratio Lower Upper

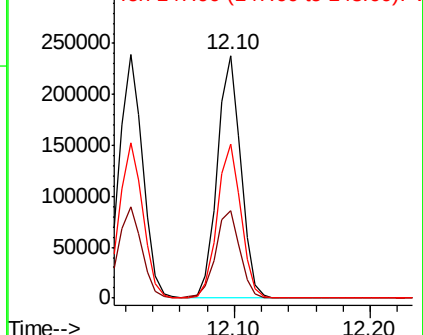
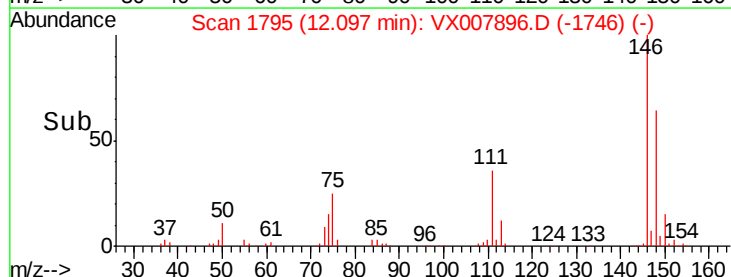
146 100

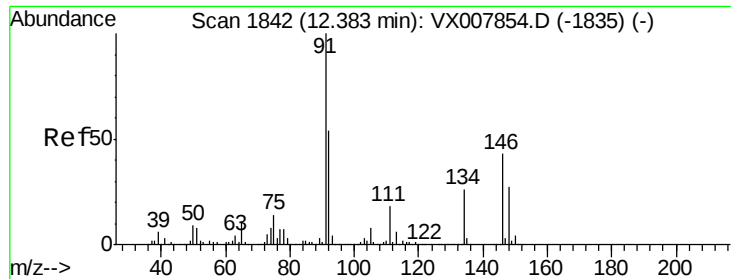
111 37.4 18.4 55.0

148 63.9 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

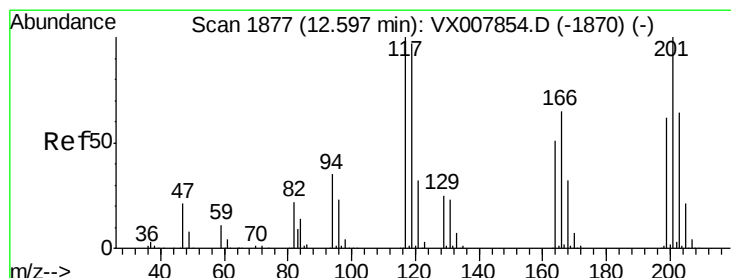
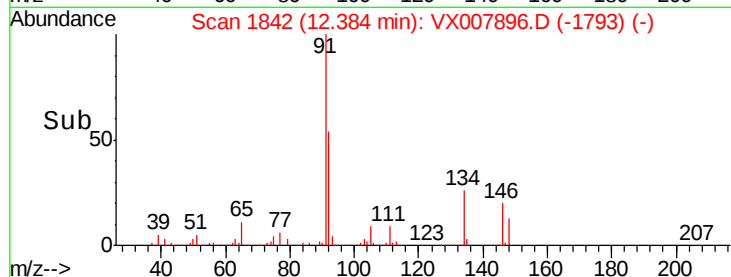
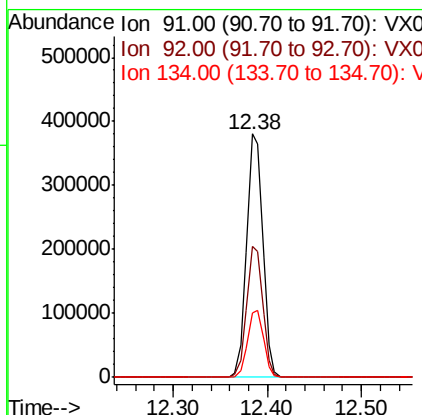
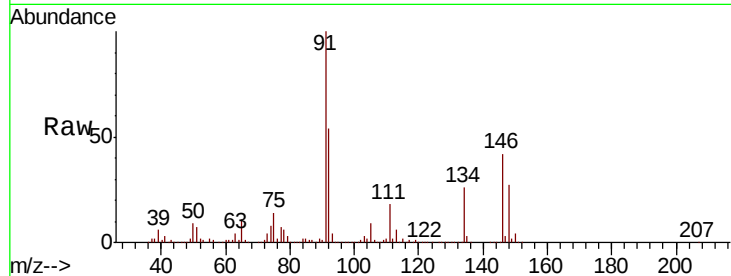




#89
n-Butylbenzene
Concen: 51.959 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX007896.D
Acq: 07 Mar 2019 20:44

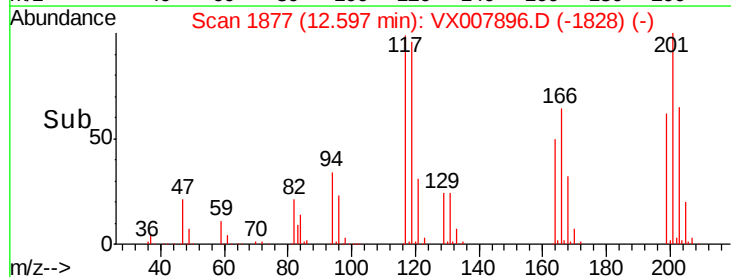
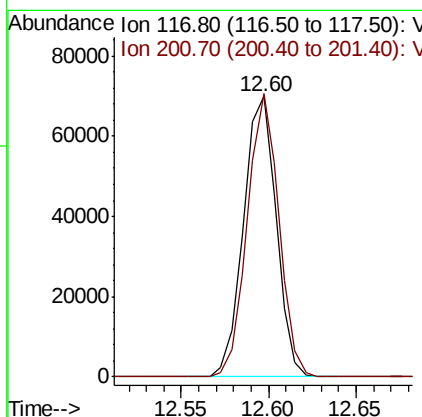
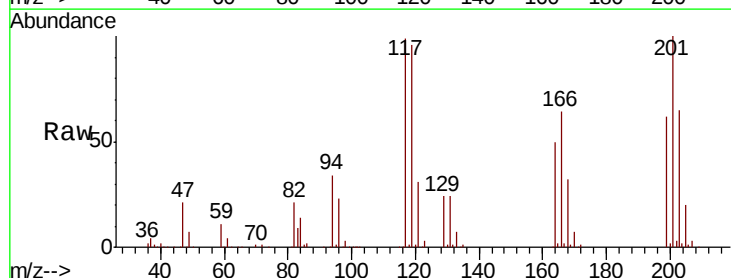
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 456058
Ion Ratio Lower Upper
91 100
92 53.7 27.0 80.8
134 27.7 13.7 41.0



#90
Hexachloroethane
Concen: 52.794 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007896.D
Acq: 07 Mar 2019 20:44

Tgt Ion: 117 Resp: 91449
Ion Ratio Lower Upper
117 100
201 97.3 48.9 146.7





#91

1,2-Dichlorobenzene

Concen: 49.412 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX007896.D

Acq: 07 Mar 2019 20:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

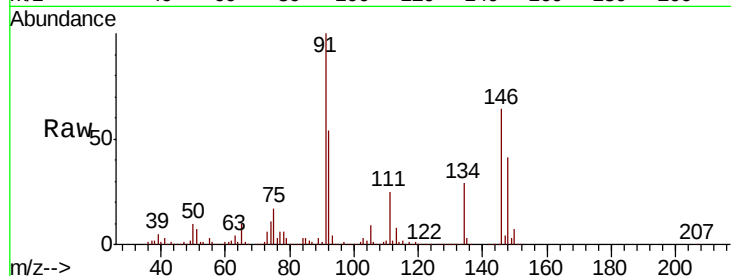
Tgt Ion:146 Resp: 282074

Ion Ratio Lower Upper

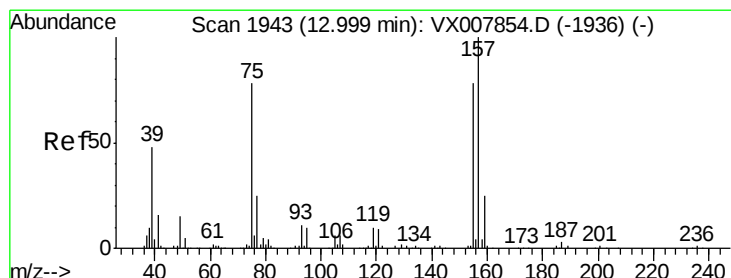
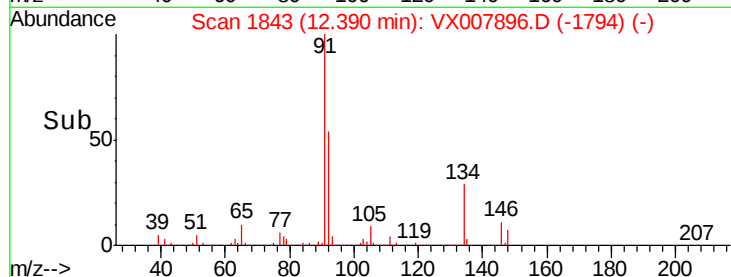
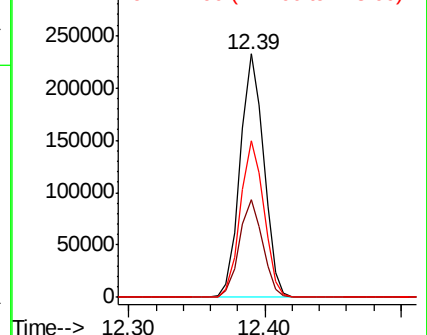
146 100

111 39.6 19.6 58.8

148 64.3 31.9 95.5



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: 49.429 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX007896.D

Acq: 07 Mar 2019 20:44

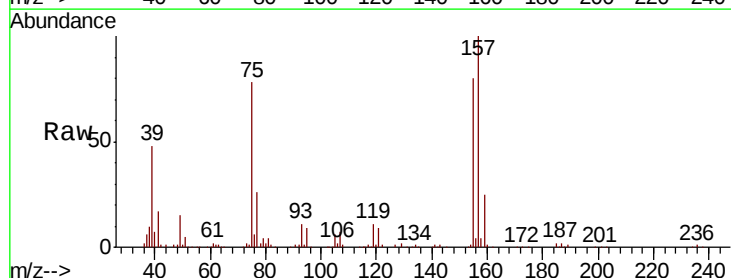
Tgt Ion: 75 Resp: 42216

Ion Ratio Lower Upper

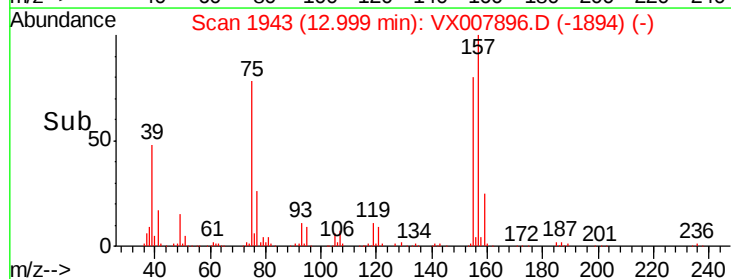
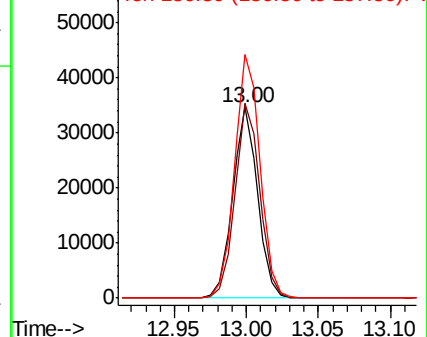
75 100

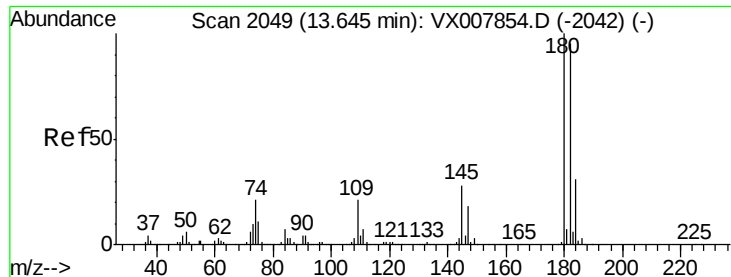
155 101.6 49.7 149.1

157 130.3 63.8 191.4



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

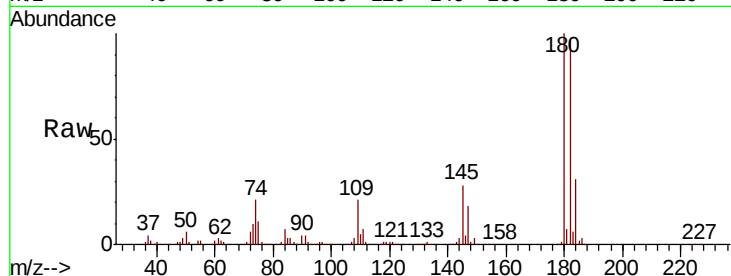




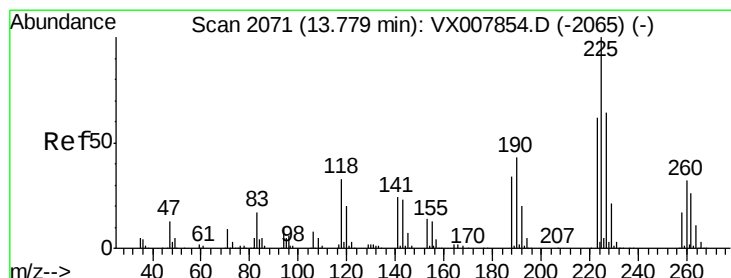
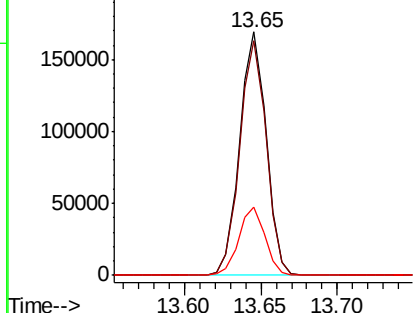
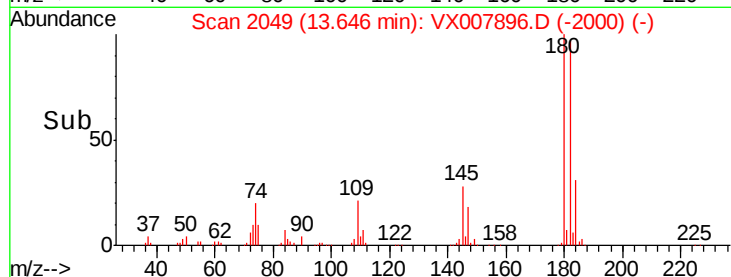
#93
 1,2,4-Trichlorobenzene
 Concen: 50.641 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007896.D
 Acq: 07 Mar 2019 20:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 203088
 Ion Ratio Lower Upper
 180 100
 182 96.4 47.9 143.7
 145 28.0 14.1 42.4

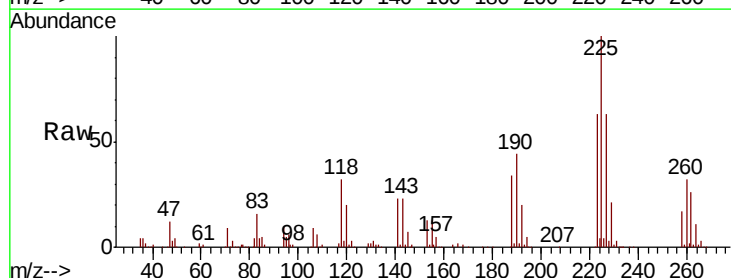


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

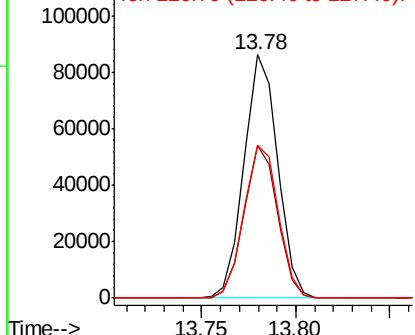
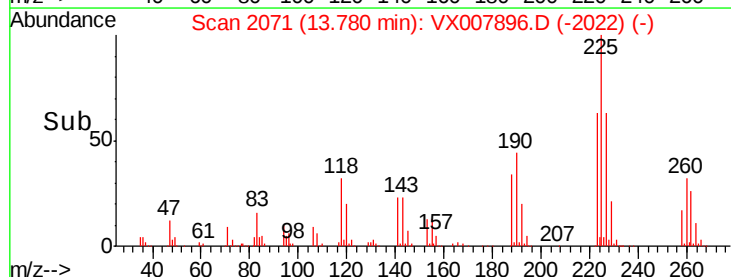


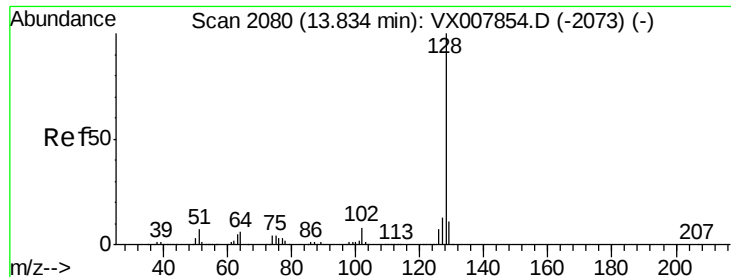
#94
 Hexachlorobutadiene
 Concen: 51.061 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007896.D
 Acq: 07 Mar 2019 20:44

Tgt Ion:225 Resp: 107058
 Ion Ratio Lower Upper
 225 100
 223 62.6 31.1 93.2
 227 64.6 32.0 96.0



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

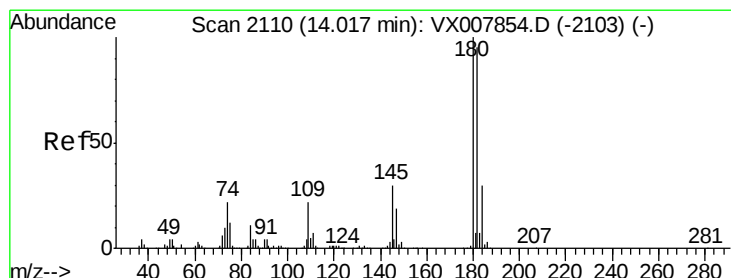
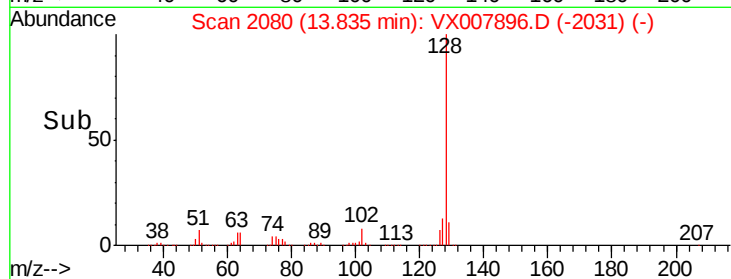
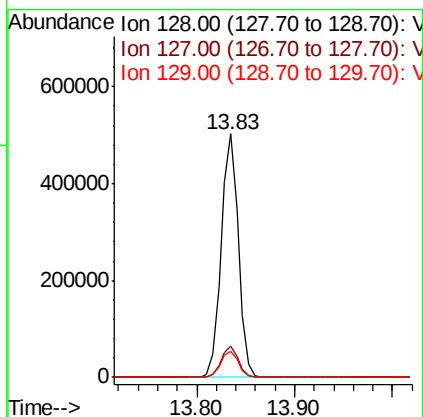
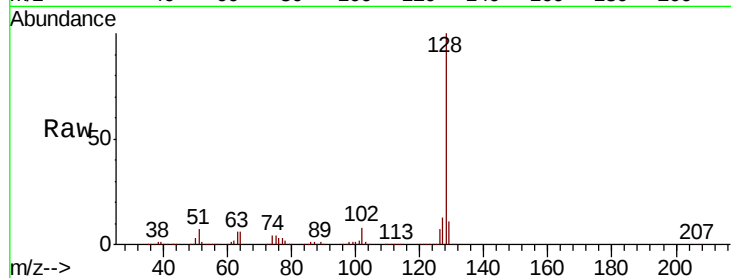




#95
Naphthalene
Concen: 52.626 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX007896.D
Acq: 07 Mar 2019 20:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 608097
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 50.566 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX007896.D
Acq: 07 Mar 2019 20:44

Tgt Ion:180 Resp: 202010
Ion Ratio Lower Upper
180 100
182 96.2 47.5 142.5
145 30.1 14.8 44.3

