

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX032118\
 Data File : VX000394.D
 Acq On : 21 Mar 2018 19:00
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 22 05:31:13 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	114302	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	186239	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	189297	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	110924	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	77964	52.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.50%	
35) Dibromofluoromethane	5.51	113	61491	52.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.80%	
50) Toluene-d8	8.73	98	247224	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	
62) 4-Bromofluorobenzene	11.15	95	90700	44.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.76%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	55947	44.41	ug/l	97
3) Chloromethane	1.32	50	59668	44.96	ug/l	99
4) Vinyl Chloride	1.41	62	69186	49.34	ug/l	97
5) Bromomethane	1.64	94	108645	64.70	ug/l	98
6) Chloroethane	1.73	64	45778	54.48	ug/l	97
7) Trichlorofluoromethane	1.93	101	123665	48.86	ug/l	99
8) Diethyl Ether	2.19	74	44769	49.50	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	67354	47.72	ug/l	99
10) Methyl Iodide	2.52	142	51583	38.01	ug/l	98
11) Tert butyl alcohol	3.07	59	127828	249.07	ug/l	100
12) 1,1-Dichloroethene	2.38	96	63522	51.27	ug/l	97
13) Acrolein	2.30	56	36638	225.12	ug/l	100
14) Allyl chloride	2.73	41	113803	52.01	ug/l	99
15) Acrylonitrile	3.15	53	261852	251.91	ug/l	100
16) Acetone	2.45	43	265550	213.95	ug/l	98
17) Carbon Disulfide	2.57	76	161386	48.97	ug/l	100
18) Methyl Acetate	2.78	43	133742	51.40	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	228137	49.79	ug/l	99
20) Methylene Chloride	2.87	84	70136	48.92	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	67087	48.54	ug/l	96
22) Diisopropyl ether	3.88	45	175663	45.36	ug/l	99
23) Vinyl Acetate	3.84	43	840641	228.96	ug/l	99
24) 1,1-Dichloroethane	3.70	63	126297	51.87	ug/l	100
25) 2-Butanone	4.72	43	334425	239.71	ug/l	100
26) 2,2-Dichloropropane	4.59	77	79676	46.68	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	63651	49.28	ug/l	98
28) Bromochloromethane	5.03	49	50813	50.60	ug/l	99
29) Tetrahydrofuran	5.18	42	218089	254.07	ug/l	99
30) Chloroform	5.23	83	116984	51.26	ug/l	92
31) Cyclohexane	5.59	56	91698	48.71	ug/l	100
32) 1,1,1-Trichloroethane	5.51	97	102987	50.02	ug/l	98
36) 1,1-Dichloropropene	5.81	75	85124	48.79	ug/l	99
37) Ethyl Acetate	4.87	43	114727	48.15	ug/l	99
38) Carbon Tetrachloride	5.79	117	91411	49.95	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	98753	46.55	ug/l	96
40) Benzene	6.15	78	256863	50.70	ug/l	99
41) Methacrylonitrile	5.08	41	60420	48.09	ug/l	98
42) 1,2-Dichloroethane	6.21	62	99969	50.29	ug/l	99
43) Isopropyl Acetate	6.48	43	178095	50.21	ug/l	99
44) Trichloroethene	7.23	130	70230	48.39	ug/l	88
45) 1,2-Dichloropropane	7.52	63	65402	50.43	ug/l	100
46) Dibromomethane	7.67	93	50896	50.00	ug/l	98
47) Bromodichloromethane	7.91	83	95213	53.17	ug/l	100
48) Methyl methacrylate	7.79	41	90219	52.39	ug/l	99
49) 1,4-Dioxane	7.77	88	34440	951.43	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	710386	258.73	ug/l	99
52) Toluene	8.79	92	176156	49.74	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	104444	50.33	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	104410	51.87	ug/l	100
55) 1,1,2-Trichloroethane	9.23	97	73668	50.58	ug/l	95
56) Ethyl methacrylate	9.19	69	112702	51.07	ug/l	98
57) 1,3-Dichloropropane	9.38	76	119660	51.37	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	279555	263.92	ug/l	99
59) 2-Hexanone	9.51	43	589382	252.81	ug/l	99
60) Dibromochloromethane	9.59	129	79672	46.54	ug/l	99
61) 1,2-Dibromoethane	9.68	107	79813	51.10	ug/l	97
64) Tetrachloroethene	9.35	164	73140	49.79	ug/l	89
65) Chlorobenzene	10.15	112	201461	47.82	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	71544	50.01	ug/l	97
67) Ethyl Benzene	10.26	91	349520	48.94	ug/l	99
68) m/p-Xylenes	10.37	106	275997	98.22	ug/l	97
69) o-Xylene	10.71	106	133766	49.16	ug/l	99
70) Styrene	10.72	104	225509	50.09	ug/l	98
71) Bromoform	10.87	173	61490	42.08	ug/l #	98
73) Isopropylbenzene	11.02	105	364566	49.60	ug/l	100
74) N-amyl acetate	6.48	43	178095	55.99	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.28	83	132049	50.80	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	152532	63.98	ug/l	84
77) Bromobenzene	11.27	156	91942	46.96	ug/l	99
78) n-propylbenzene	11.37	91	430087	49.08	ug/l	100
79) 2-Chlorotoluene	11.43	91	247396	48.87	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	309791	50.13	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.09	75	36618	49.73	ug/l	96
82) 4-Chlorotoluene	11.52	91	299349	49.52	ug/l	100
83) tert-Butylbenzene	11.78	119	309860	49.72	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	324623	50.10	ug/l	100
85) sec-Butylbenzene	11.96	105	387986	50.31	ug/l	99
86) p-Isopropyltoluene	12.07	119	350720	51.21	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	177408	47.92	ug/l	98
88) 1,4-Dichlorobenzene	12.11	146	183783	47.29	ug/l	98
89) n-Butylbenzene	12.40	91	313126	49.10	ug/l	99
90) Hexachloroethane	12.60	117	56064	52.01	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	178165	49.09	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	37282	51.43	ug/l	93

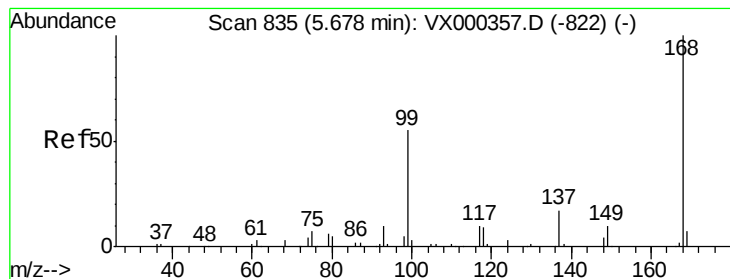
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.66	180	121978	46.88	ug/l	99
94) Hexachlorobutadiene	13.79	225	51108	47.44	ug/l	98
95) Naphthalene	13.85	128	454604	50.16	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	122509	47.65	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000394.D

Acq: 21 Mar 2018 19:00

Instrument :

MSVOA_X

ClientSampleId :

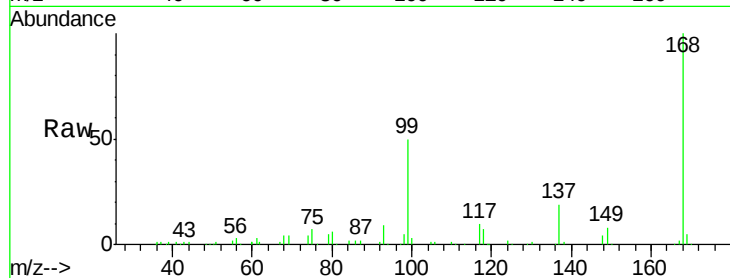
VSTDCCC050EC

Tgt Ion:168 Resp: 114302

Ion Ratio Lower Upper

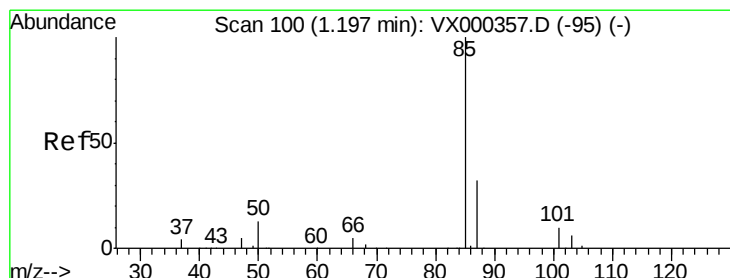
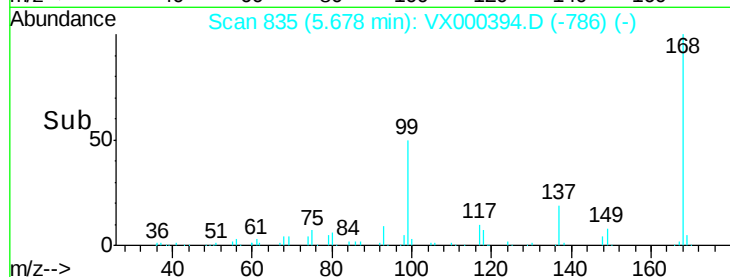
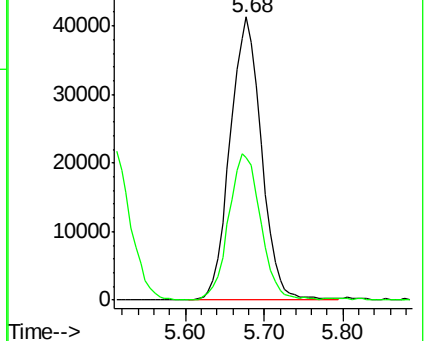
168 100

99 50.4 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 44.41 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000394.D

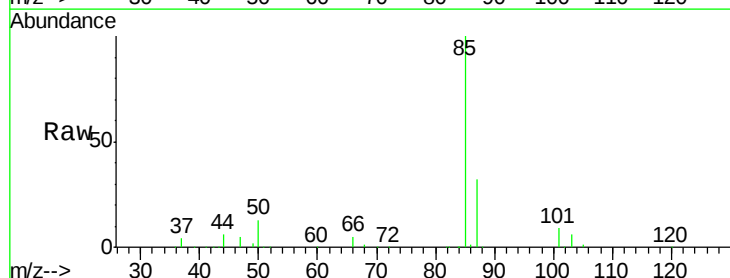
Acq: 21 Mar 2018 19:00

Tgt Ion: 85 Resp: 55947

Ion Ratio Lower Upper

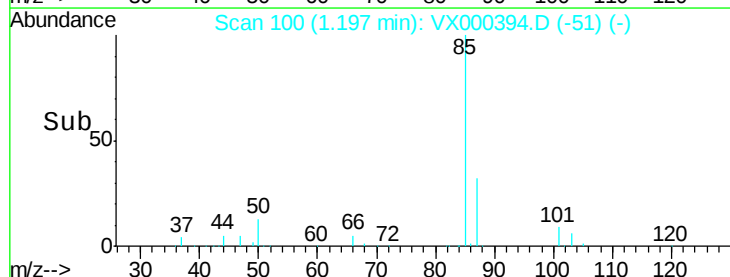
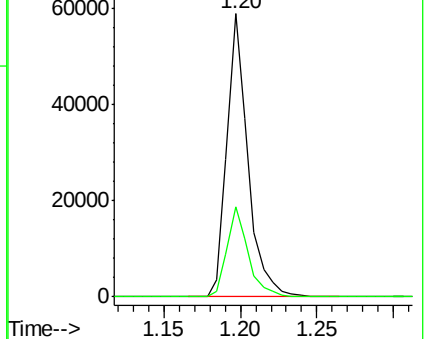
85 100

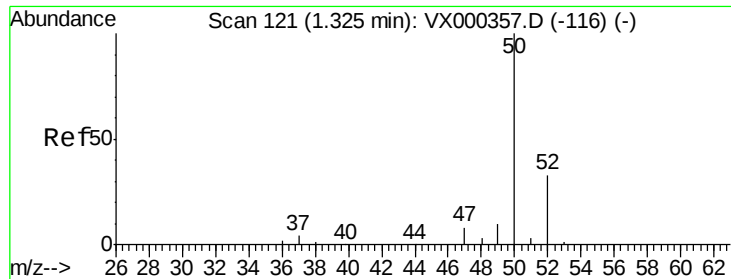
87 31.7 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 44.96 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000394.D

Acq: 21 Mar 2018 19:00

Instrument :

MSVOA_X

ClientSampleId :

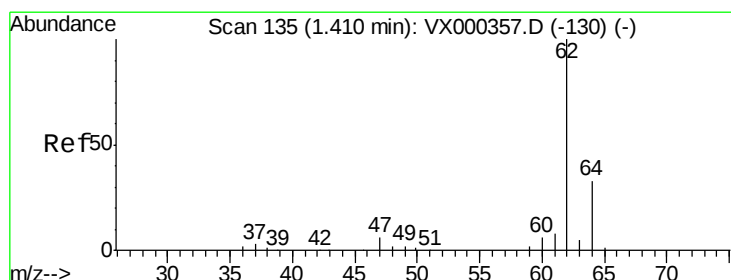
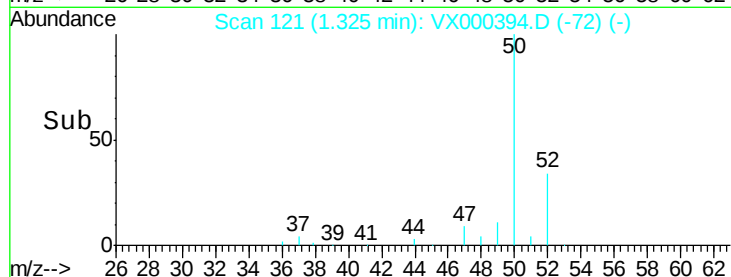
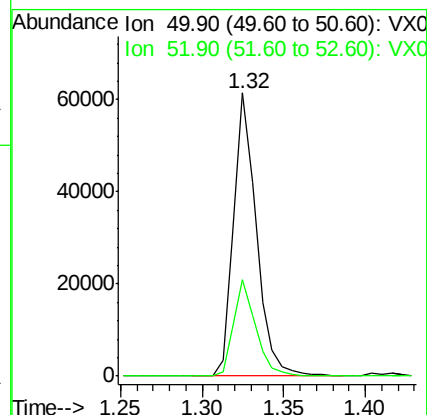
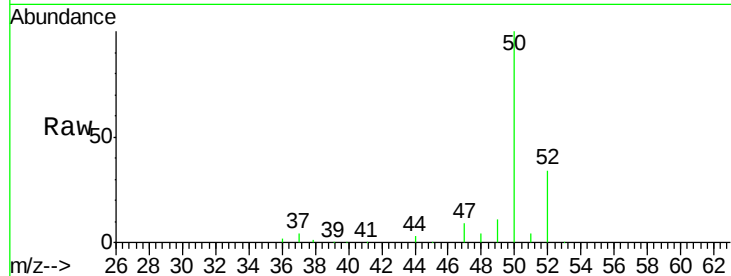
VSTDCCC050EC

Tgt Ion: 50 Resp: 59668

Ion Ratio Lower Upper

50 100

52 34.0 27.5 41.3



#4

Vinyl Chloride

Concen: 49.34 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX000394.D

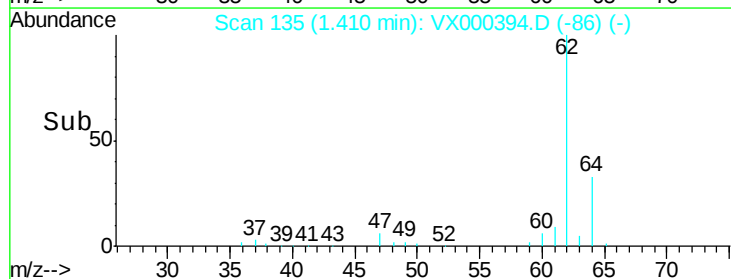
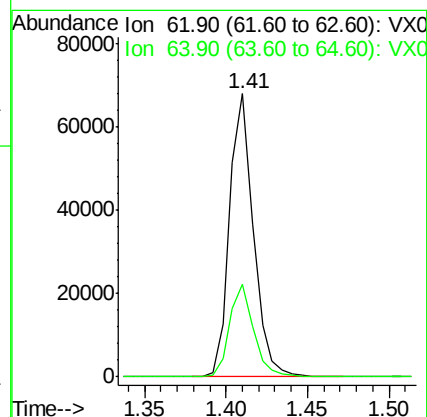
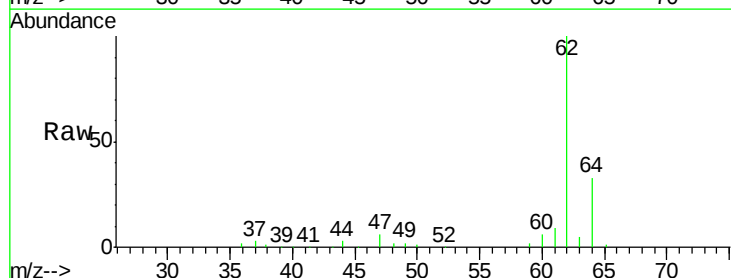
Acq: 21 Mar 2018 19:00

Tgt Ion: 62 Resp: 69186

Ion Ratio Lower Upper

62 100

64 32.7 24.8 37.2





#5

Bromomethane

Concen: 64.70 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000394.D

Acq: 21 Mar 2018 19:00

Instrument :

MSVOA_X

ClientSampleId :

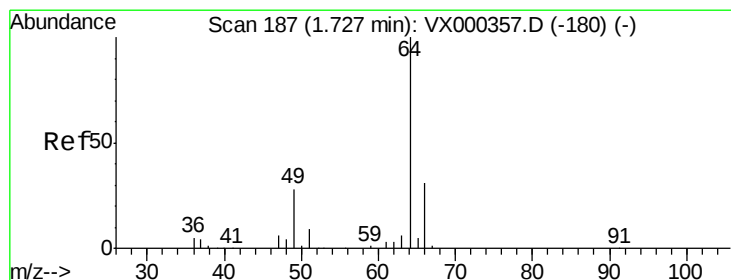
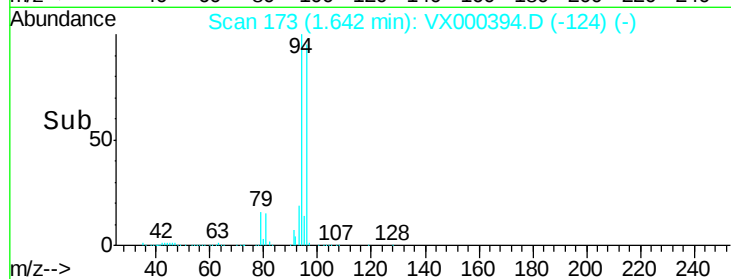
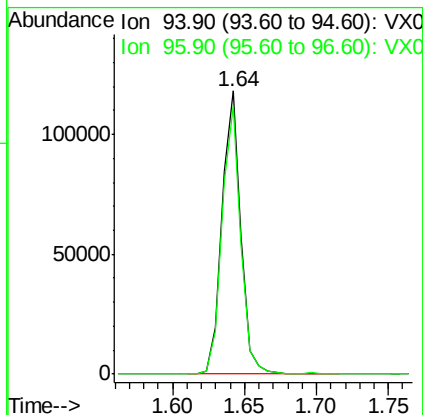
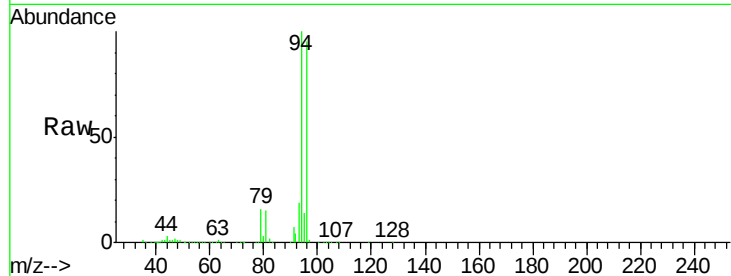
VSTDCCC050EC

Tgt Ion: 94 Resp: 108645

Ion Ratio Lower Upper

94 100

96 94.8 77.7 116.5



#6

Chloroethane

Concen: 54.48 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX000394.D

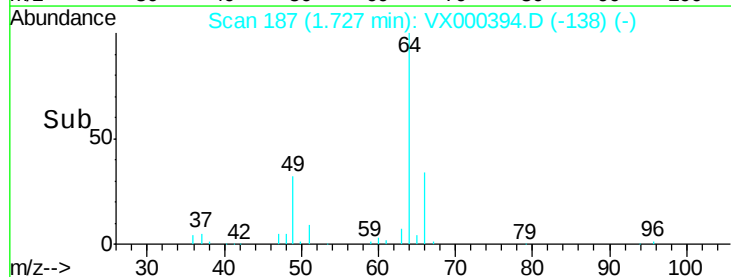
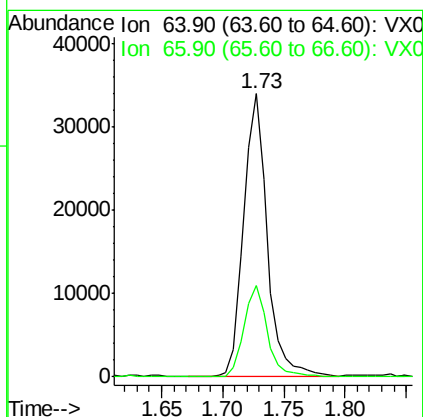
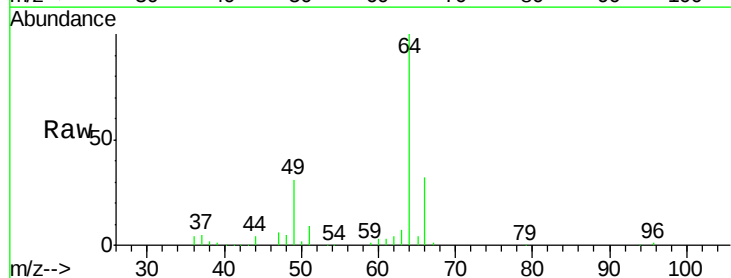
Acq: 21 Mar 2018 19:00

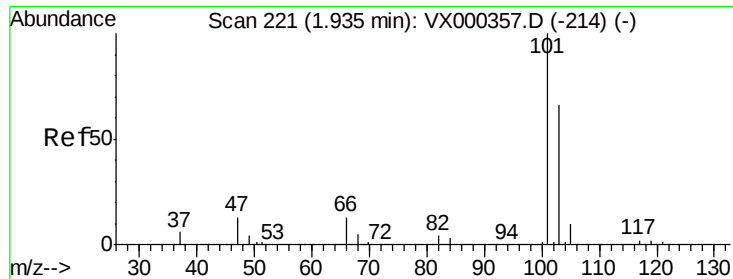
Tgt Ion: 64 Resp: 45778

Ion Ratio Lower Upper

64 100

66 32.5 24.8 37.2



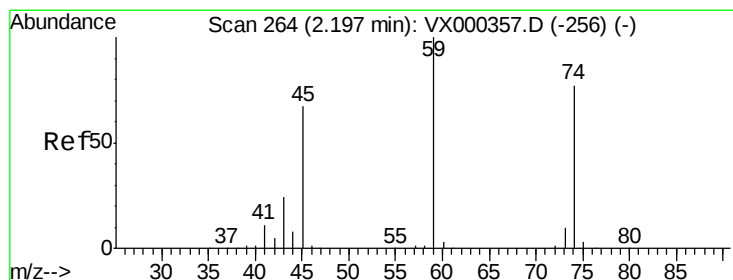
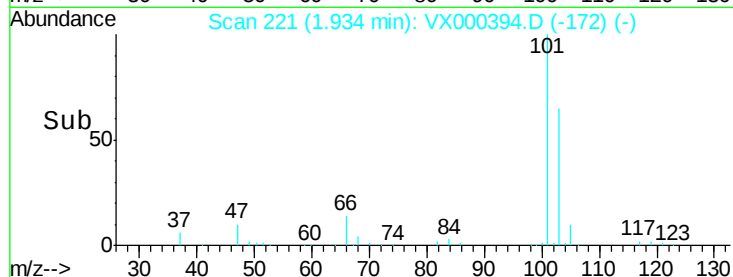
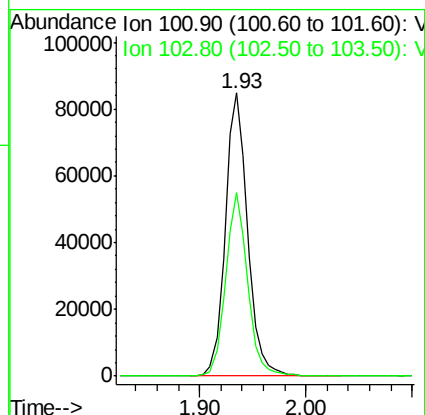
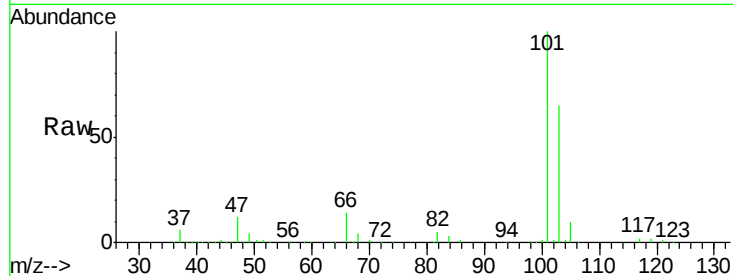


#7

Trichlorofluoromethane
 Concen: 48.86 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VX000394.D
 Acq: 21 Mar 2018 19:00

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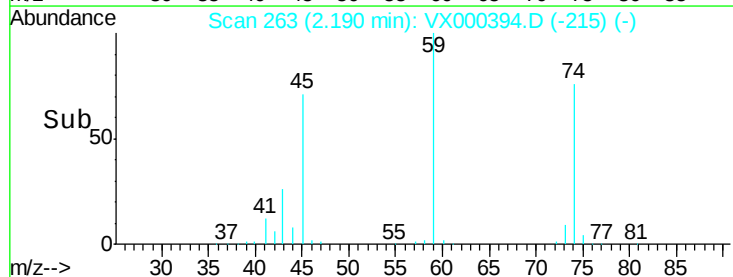
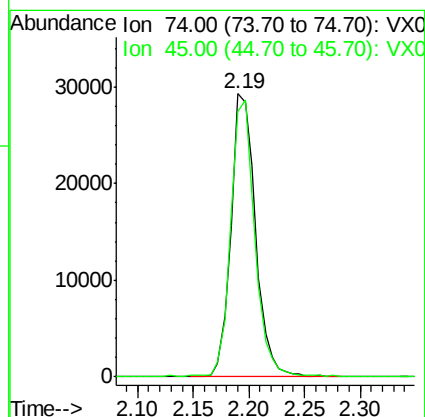
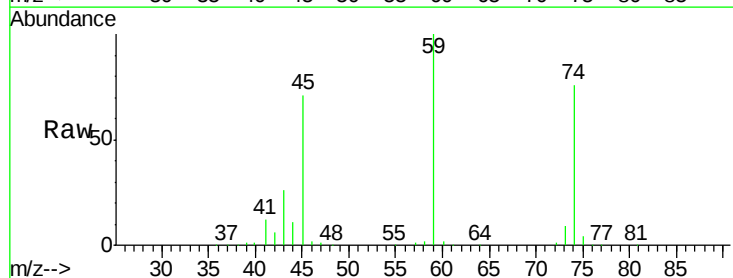
Tgt Ion: 101 Resp: 123665
 Ion Ratio Lower Upper
 101 100
 103 64.9 51.6 77.4

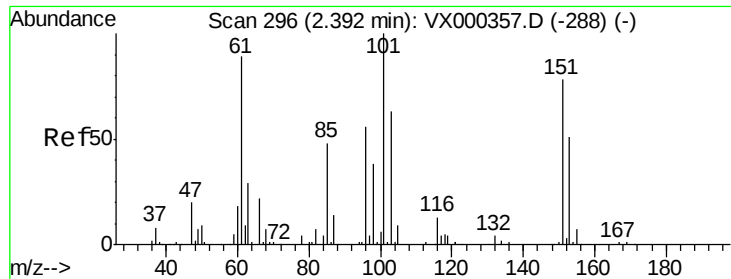


#8

Diethyl Ether
 Concen: 49.50 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.01 min
 Lab File: VX000394.D
 Acq: 21 Mar 2018 19:00

Tgt Ion: 74 Resp: 44769
 Ion Ratio Lower Upper
 74 100
 45 96.3 45.1 135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.72 ug/l

RT: 2.39 min Scan# 296

Delta R.T. -0.00 min

Lab File: VX000394.D

Acq: 21 Mar 2018 19:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

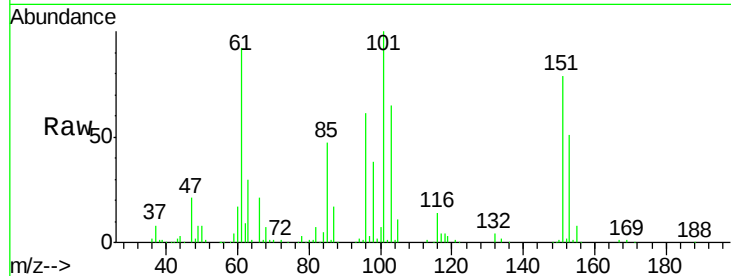
Tgt Ion:101 Resp: 67354

Ion Ratio Lower Upper

101 100

85 48.5 37.6 56.4

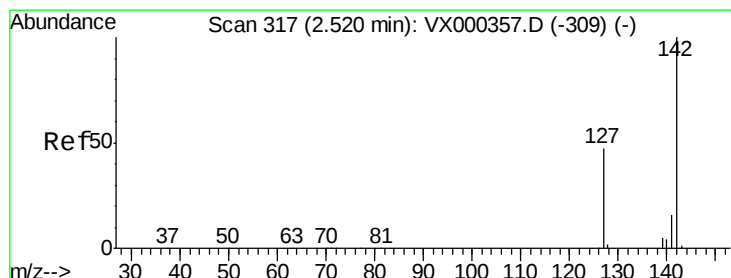
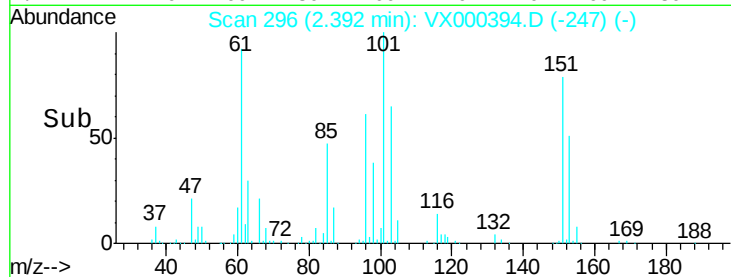
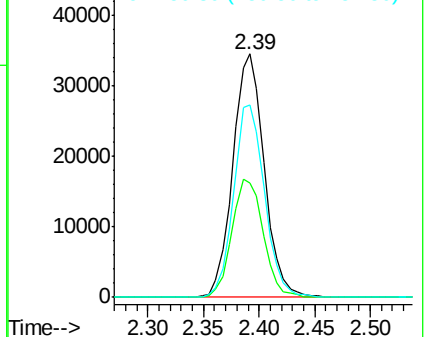
151 78.2 62.6 93.8



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: 38.01 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.00 min

Lab File: VX000394.D

Acq: 21 Mar 2018 19:00

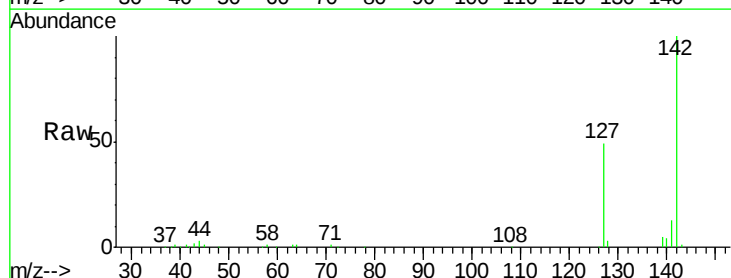
Tgt Ion:142 Resp: 51583

Ion Ratio Lower Upper

142 100

127 50.4 39.2 58.8

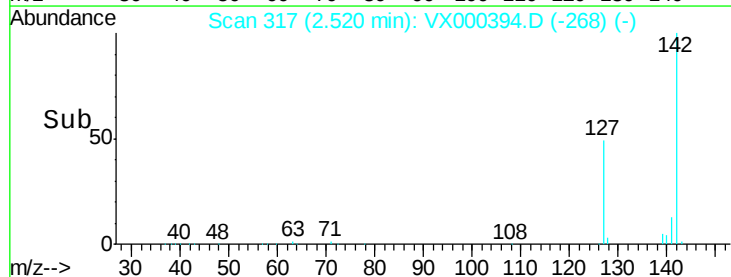
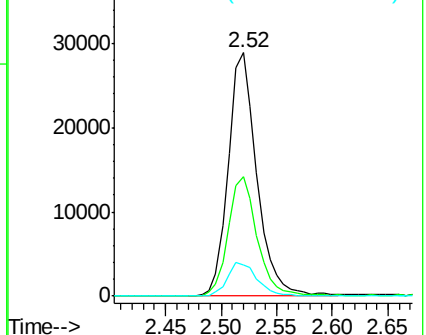
141 14.5 11.7 17.5

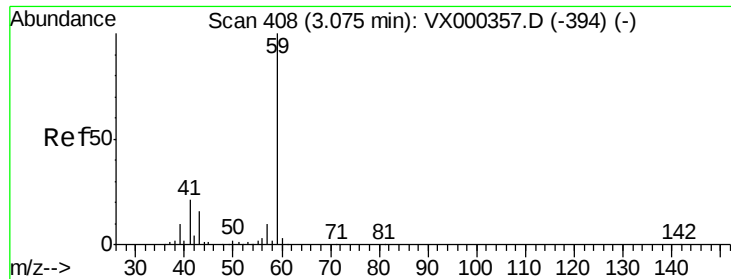


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

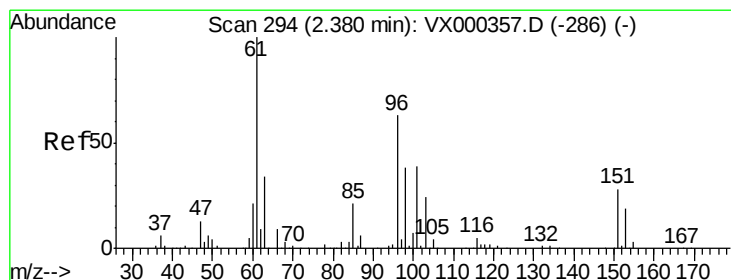
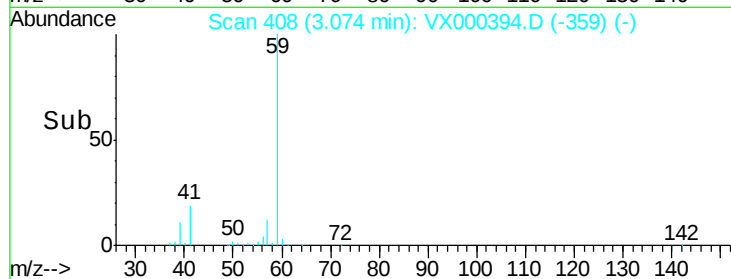
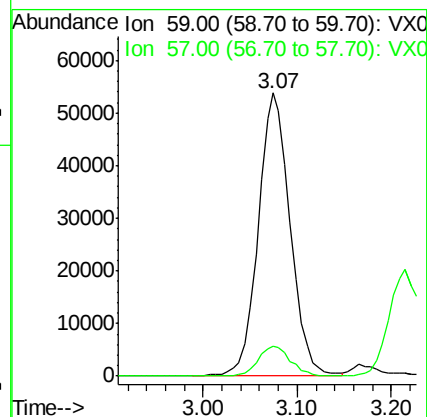
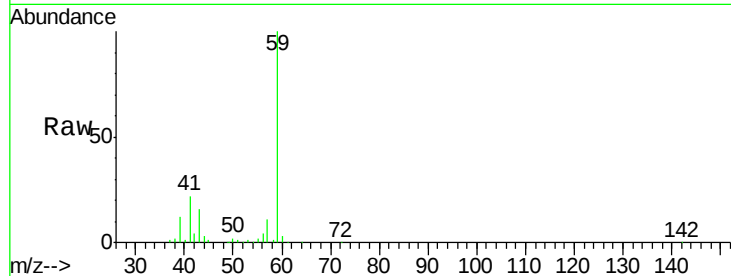




#11
Tert butyl alcohol
Concen: 249.07 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.00 min
Lab File: VX000394.D
Acq: 21 Mar 2018 19:00

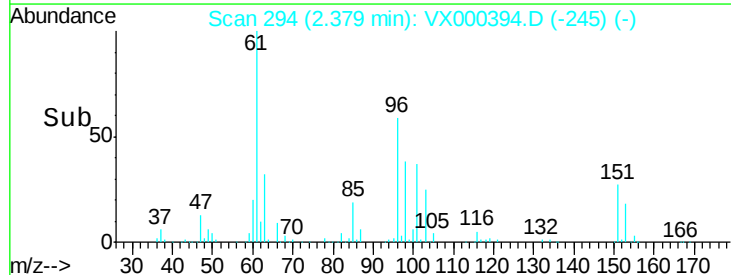
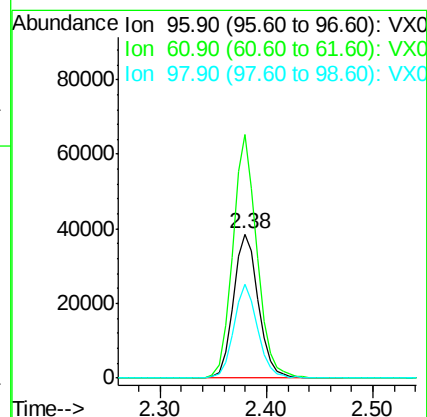
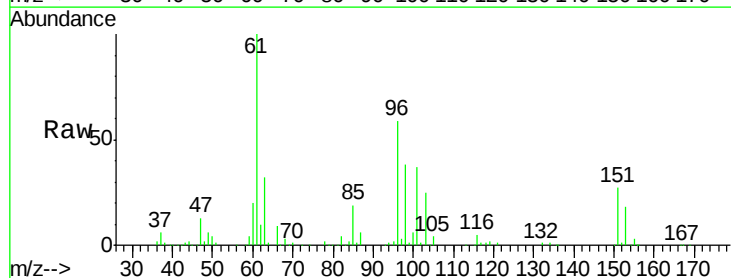
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

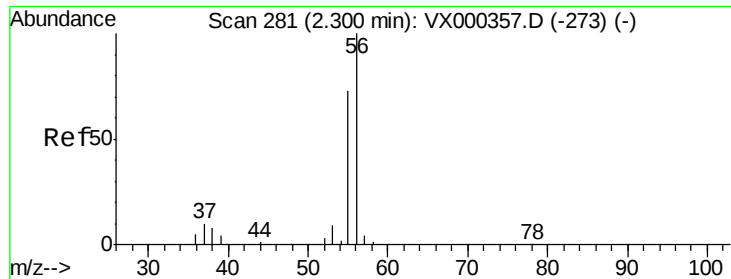
Tgt Ion: 59 Resp: 127828
Ion Ratio Lower Upper
59 100
57 10.7 8.4 12.6



#12
1,1-Dichloroethene
Concen: 51.27 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000394.D
Acq: 21 Mar 2018 19:00

Tgt Ion: 96 Resp: 63522
Ion Ratio Lower Upper
96 100
61 168.9 131.2 196.8
98 64.7 49.8 74.8

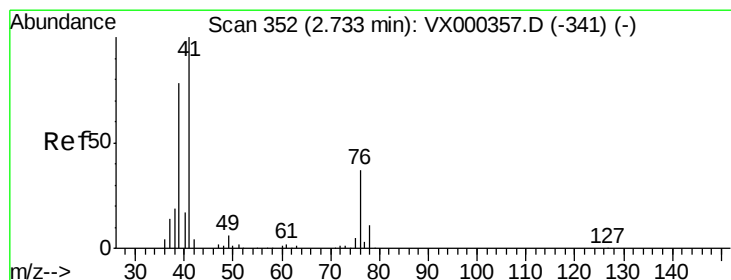
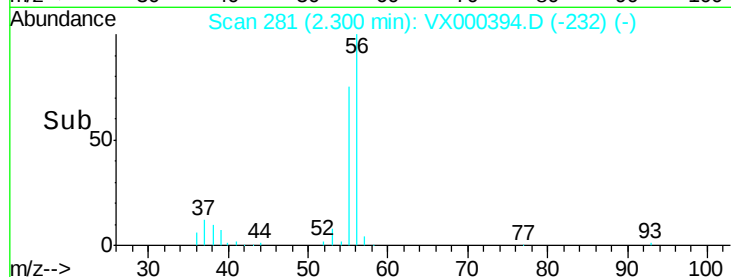
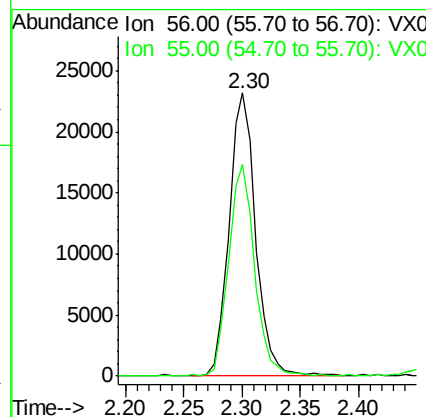
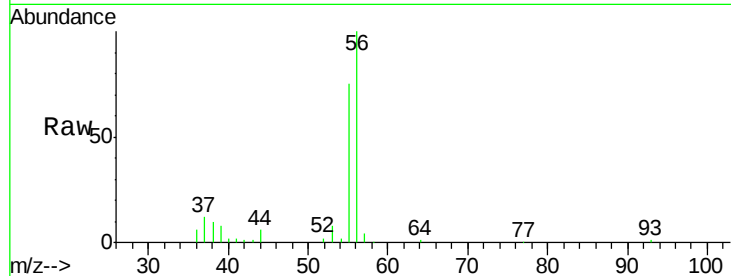




#13
 Acrolein
 Concen: 225.12 ug/l
 RT: 2.30 min Scan# 281
 Delta R.T. 0.00 min
 Lab File: VX000394.D
 Acq: 21 Mar 2018 19:00

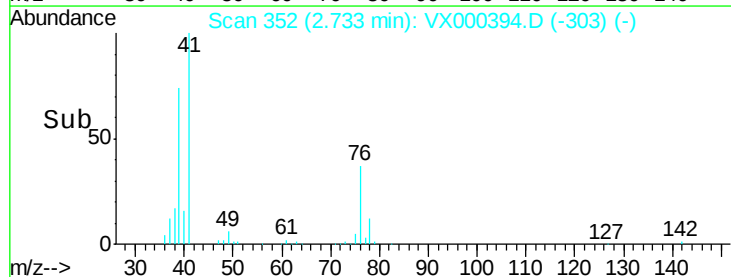
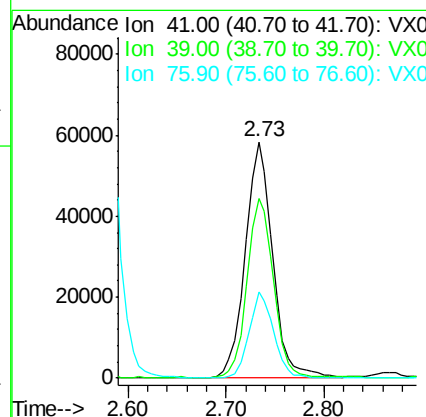
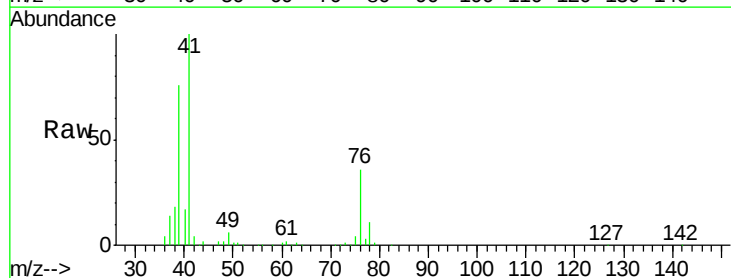
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

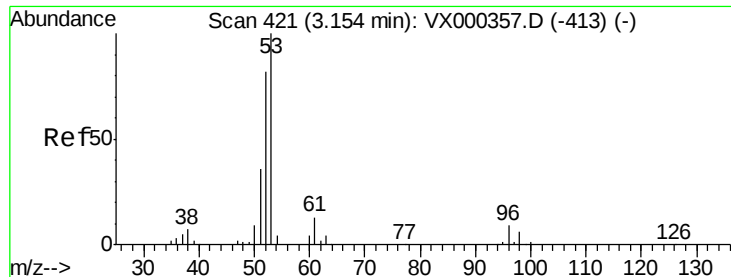
Tgt Ion: 56 Resp: 36638
 Ion Ratio Lower Upper
 56 100
 55 73.5 58.8 88.2



#14
 Allyl chloride
 Concen: 52.01 ug/l
 RT: 2.73 min Scan# 352
 Delta R.T. 0.00 min
 Lab File: VX000394.D
 Acq: 21 Mar 2018 19:00

Tgt Ion: 41 Resp: 113803
 Ion Ratio Lower Upper
 41 100
 39 72.5 57.6 86.4
 76 32.7 27.3 40.9

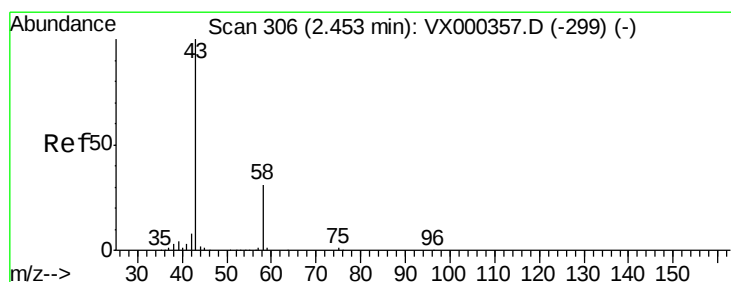
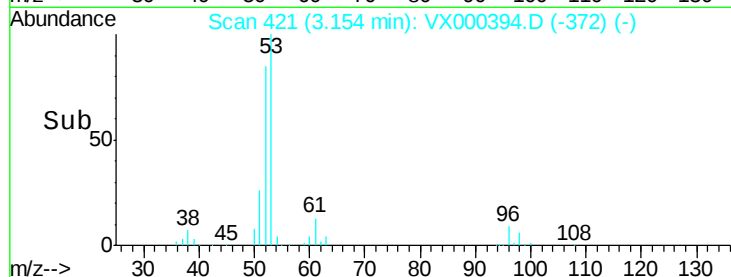
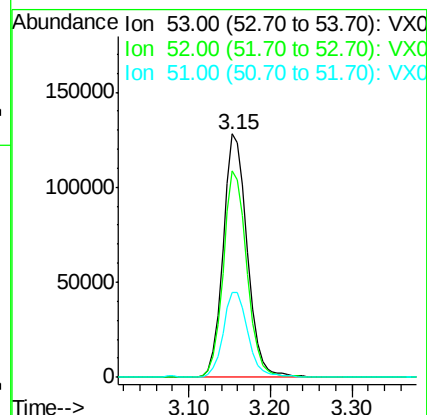
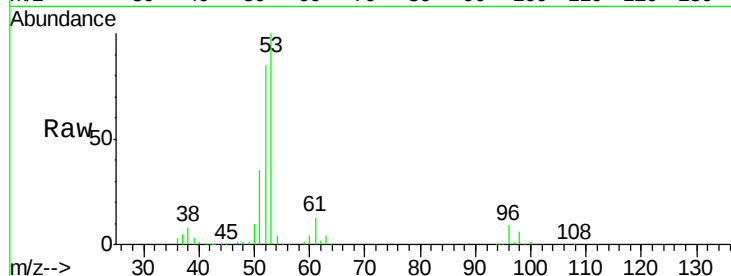




#15
 Acrylonitrile
 Concen: 251.91 ug/l
 RT: 3.15 min Scan# 421
 Delta R.T. -0.00 min
 Lab File: VX000394.D
 Acq: 21 Mar 2018 19:00

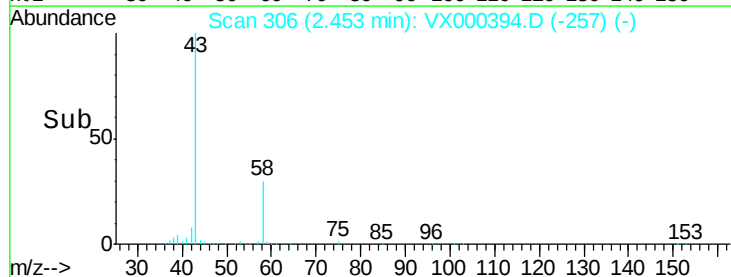
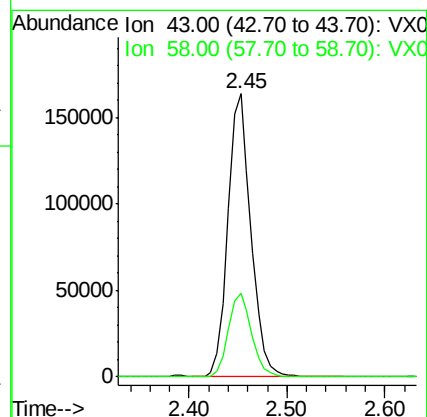
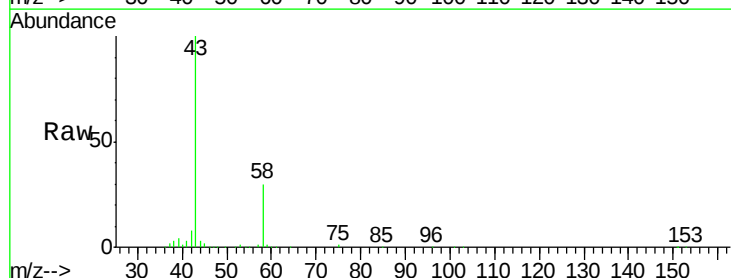
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

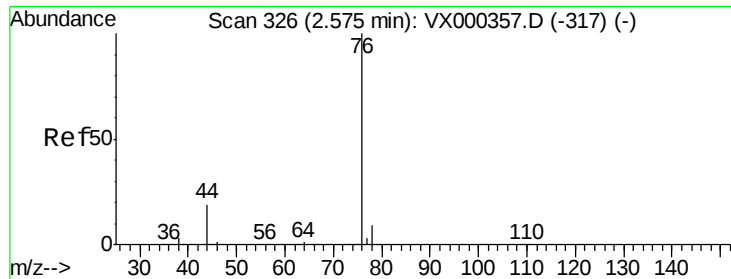
Tgt Ion: 53 Resp: 261852
 Ion Ratio Lower Upper
 53 100
 52 83.4 66.6 99.8
 51 36.3 29.3 43.9



#16
 Acetone
 Concen: 213.95 ug/l
 RT: 2.45 min Scan# 306
 Delta R.T. -0.00 min
 Lab File: VX000394.D
 Acq: 21 Mar 2018 19:00

Tgt Ion: 43 Resp: 265550
 Ion Ratio Lower Upper
 43 100
 58 29.6 24.7 37.1

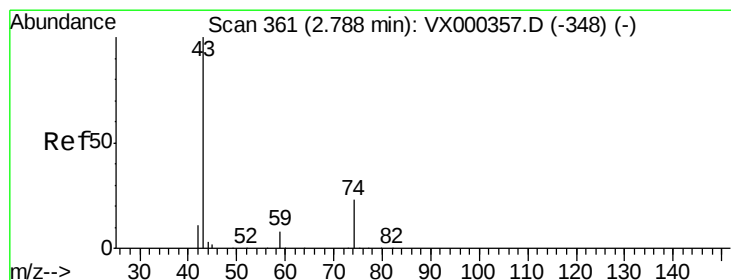
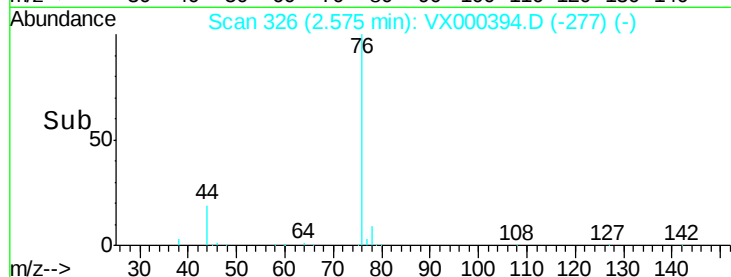
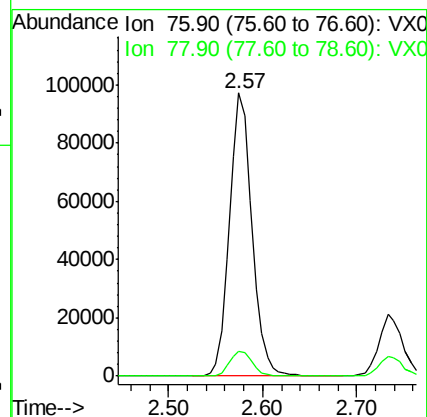
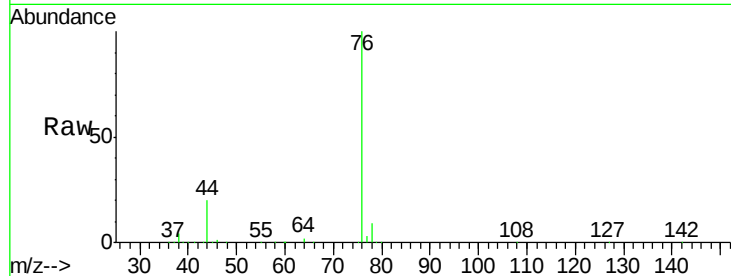




#17
Carbon Disulfide
Concen: 48.97 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000394.D
Acq: 21 Mar 2018 19:00

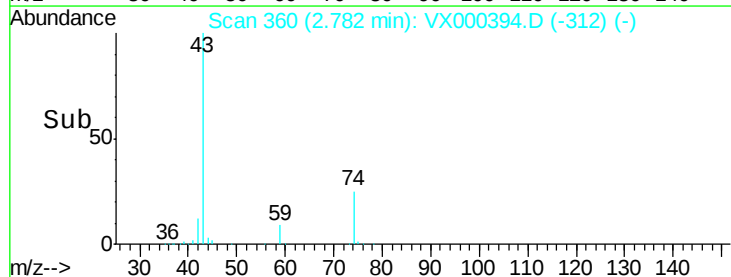
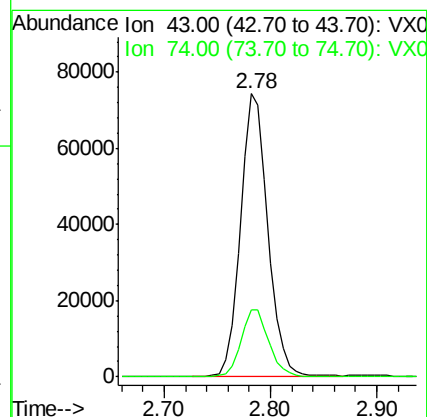
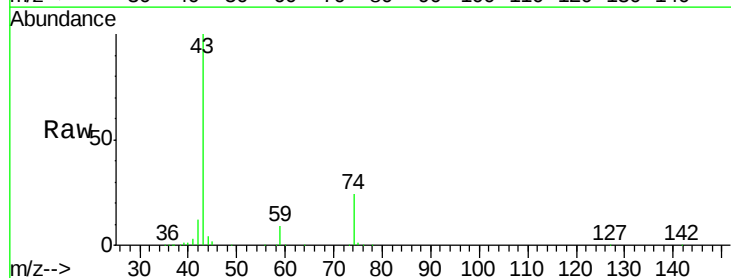
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

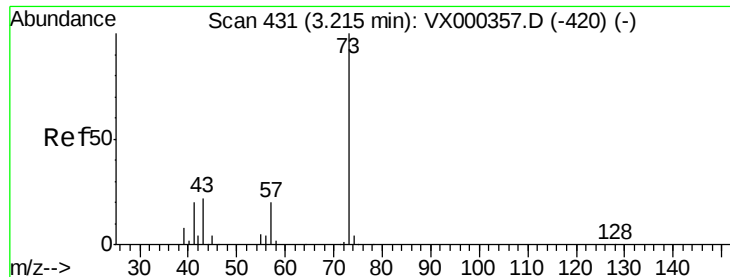
Tgt Ion: 76 Resp: 161386
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6



#18
Methyl Acetate
Concen: 51.40 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX000394.D
Acq: 21 Mar 2018 19:00

Tgt Ion: 43 Resp: 133742
Ion Ratio Lower Upper
43 100
74 24.5 19.4 29.2

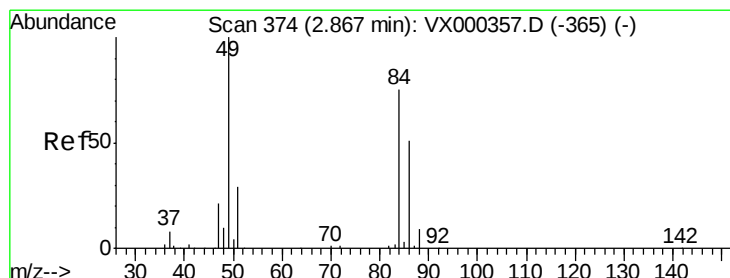
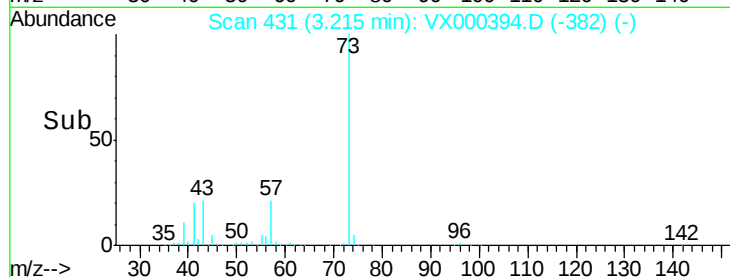
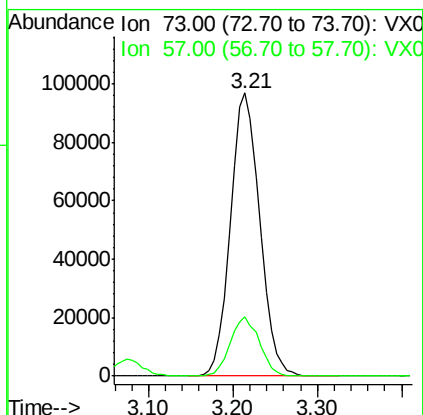
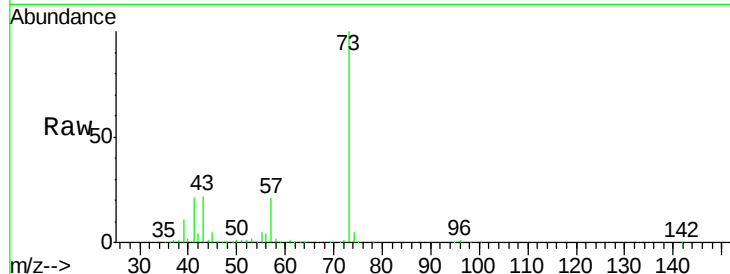




#19
Methyl tert-butyl Ether
Concen: 49.79 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX000394.D
Acq: 21 Mar 2018 19:00

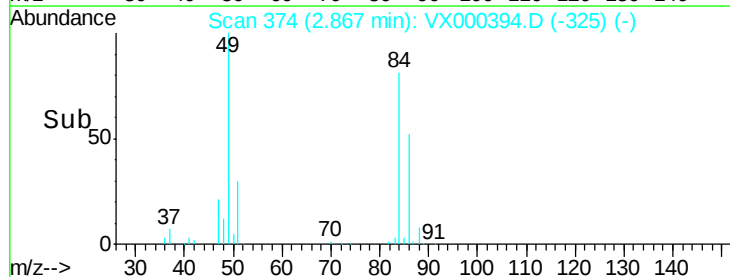
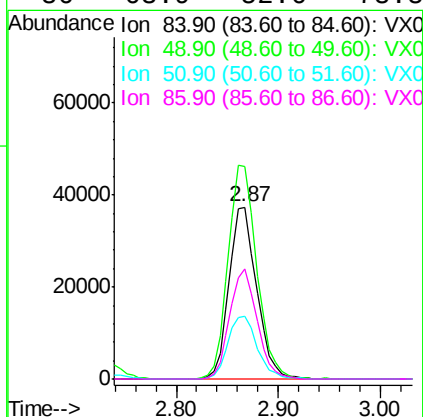
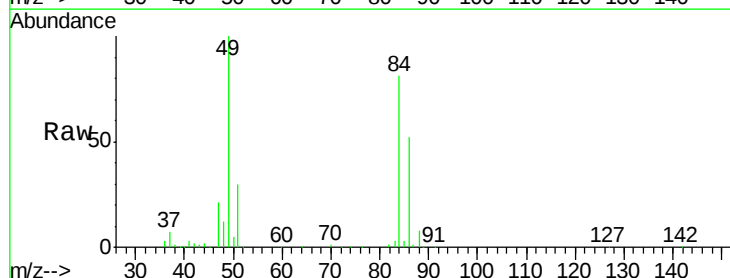
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

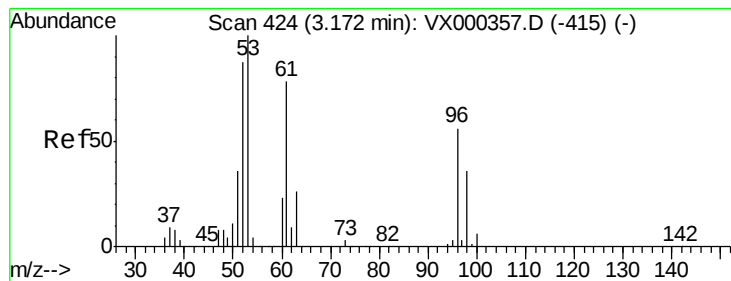
Tgt Ion: 73 Resp: 228137
Ion Ratio Lower Upper
73 100
57 21.0 17.2 25.8



#20
Methylene Chloride
Concen: 48.92 ug/l
RT: 2.87 min Scan# 374
Delta R.T. -0.00 min
Lab File: VX000394.D
Acq: 21 Mar 2018 19:00

Tgt Ion: 84 Resp: 70136
Ion Ratio Lower Upper
84 100
49 123.5 100.6 151.0
51 36.6 31.6 47.4
86 63.9 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 48.54 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000394.D

Acq: 21 Mar 2018 19:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

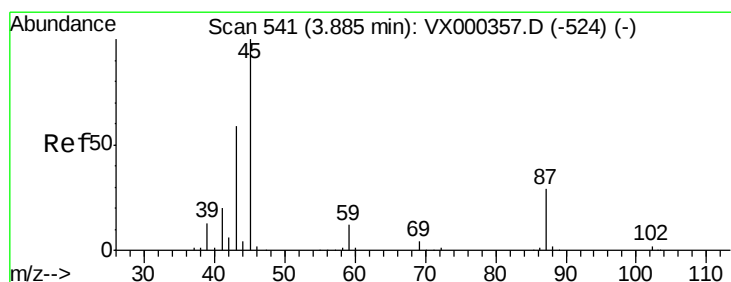
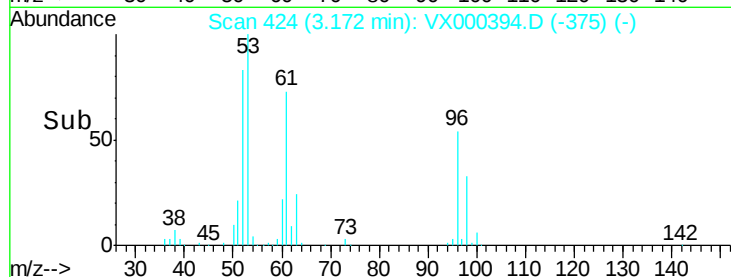
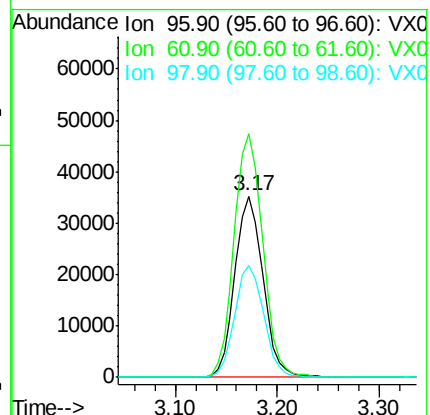
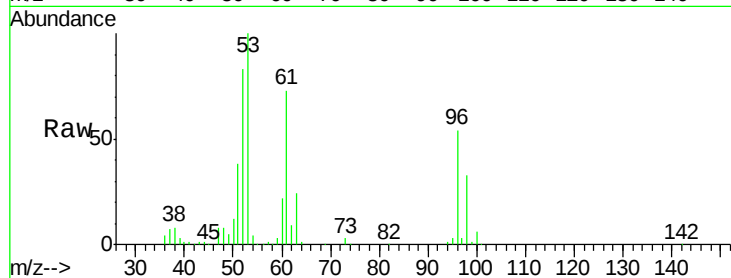
Tgt Ion: 96 Resp: 67087

Ion Ratio Lower Upper

96 100

61 134.4 104.0 156.0

98 61.6 52.1 78.1



#22

Diisopropyl ether

Concen: 45.36 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.01 min

Lab File: VX000394.D

Acq: 21 Mar 2018 19:00

Tgt Ion: 45 Resp: 175663

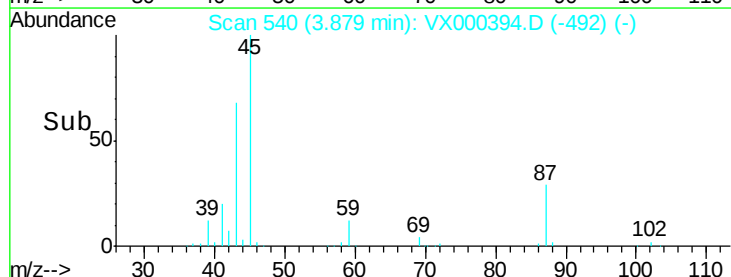
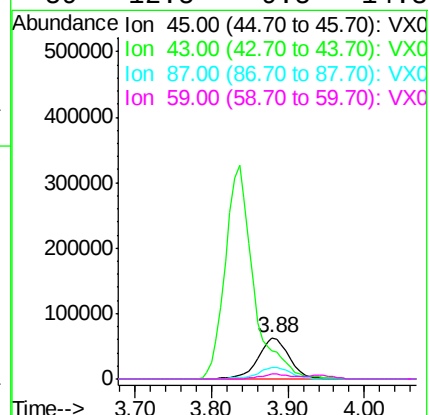
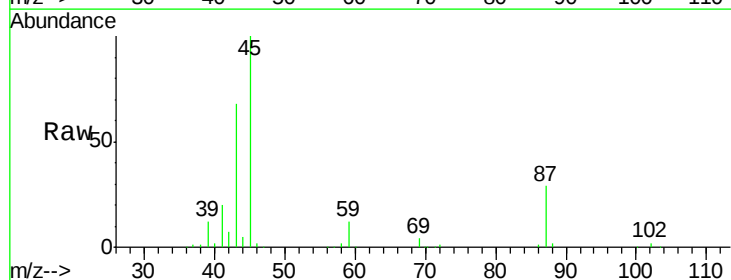
Ion Ratio Lower Upper

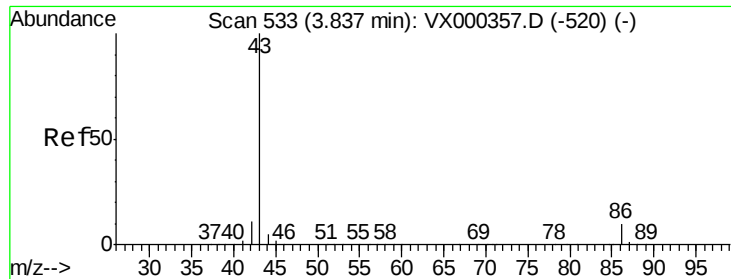
45 100

43 67.0 53.9 80.9

87 29.2 22.6 34.0

59 12.5 9.5 14.3





#23

Vinyl Acetate

Concen: 228.96 ug/l

RT: 3.84 min Scan# 533

Delta R.T. -0.00 min

Lab File: VX000394.D

Acq: 21 Mar 2018 19:00

Instrument :

MSVOA_X

ClientSampleId :

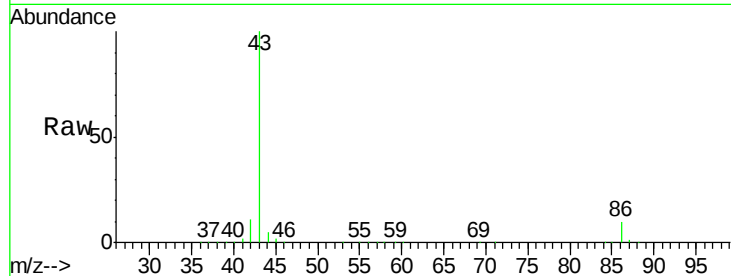
VSTDCCC050EC

Tgt Ion: 43 Resp: 840641

Ion Ratio Lower Upper

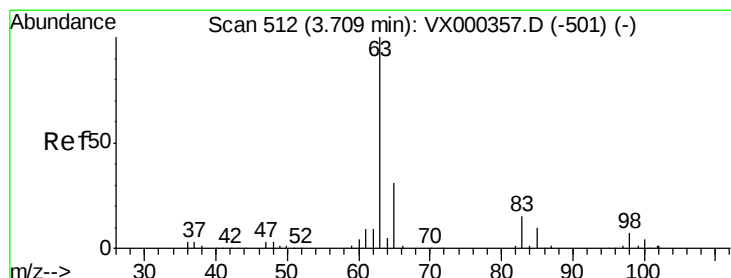
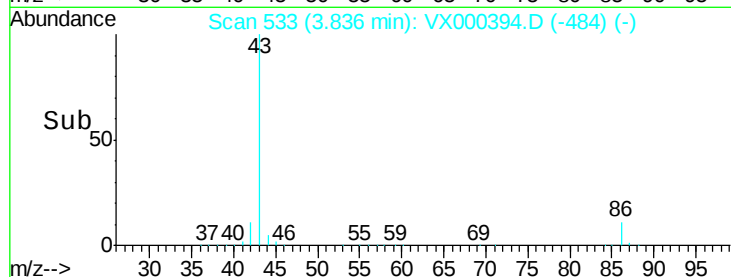
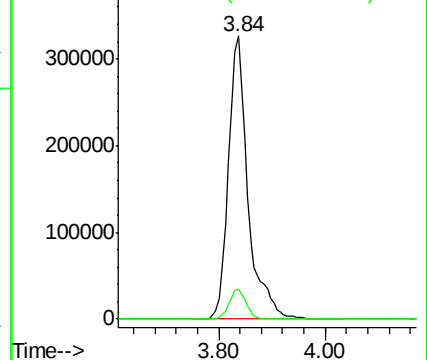
43 100

86 10.5 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 51.87 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.01 min

Lab File: VX000394.D

Acq: 21 Mar 2018 19:00

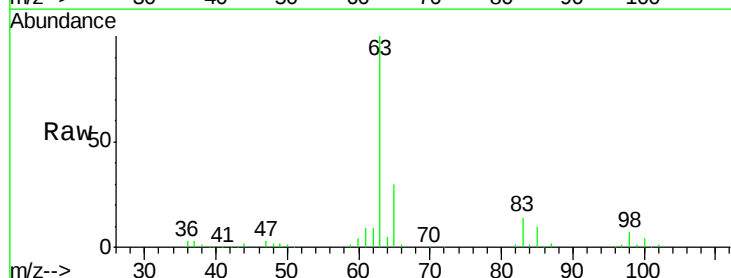
Tgt Ion: 63 Resp: 126297

Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.9

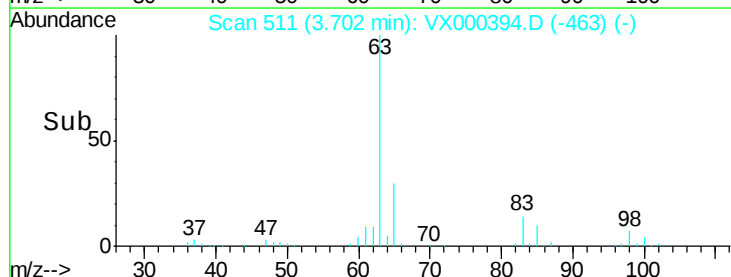
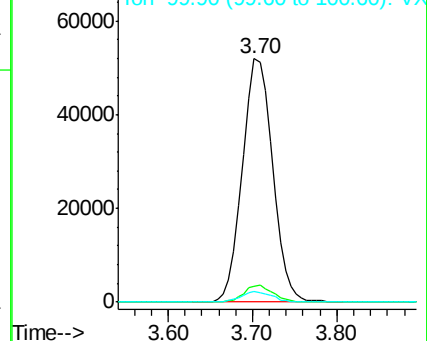
100 4.3 2.0 5.8

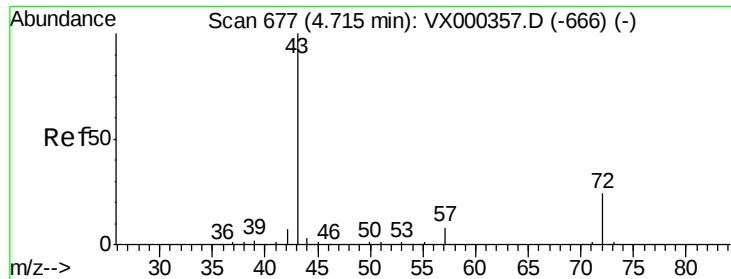


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 239.71 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX000394.D

Acq: 21 Mar 2018 19:00

Instrument :

MSVOA_X

ClientSampleId :

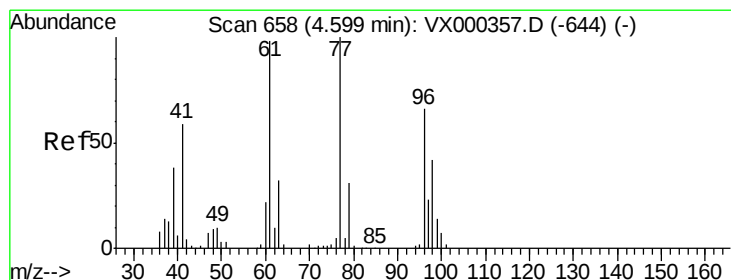
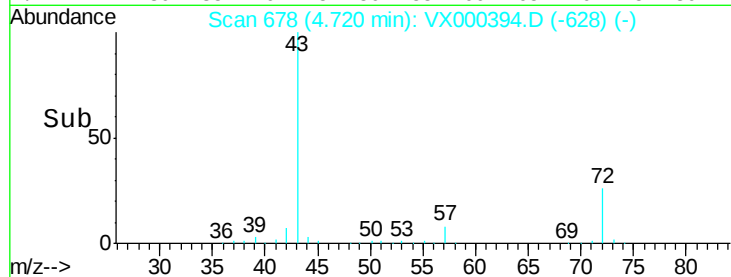
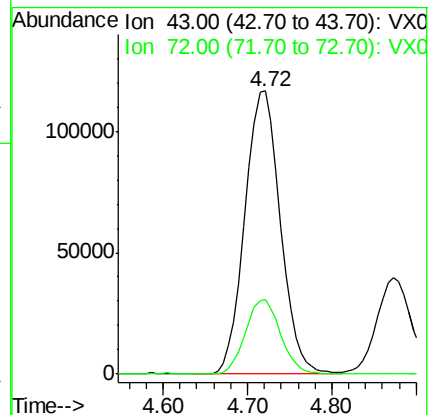
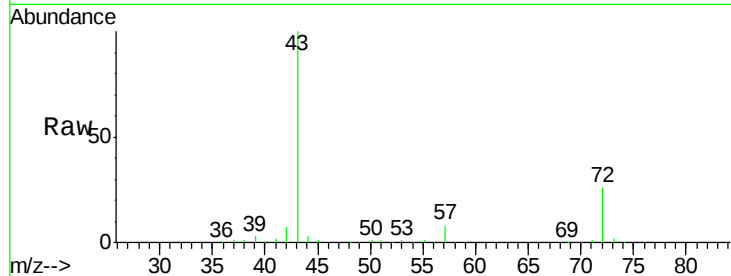
VSTDCCC050EC

Tgt Ion: 43 Resp: 334425

Ion Ratio Lower Upper

43 100

72 26.4 21.0 31.6



#26

2,2-Dichloropropane

Concen: 46.68 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX000394.D

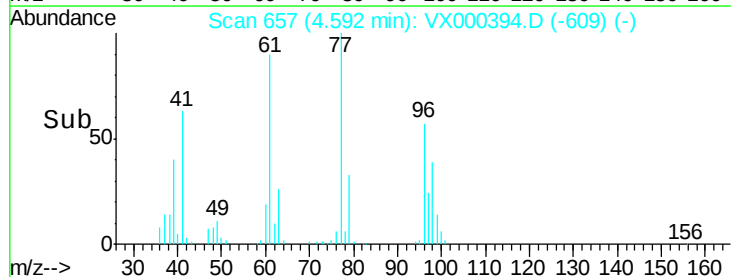
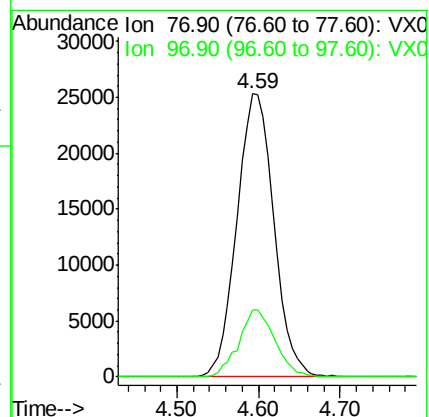
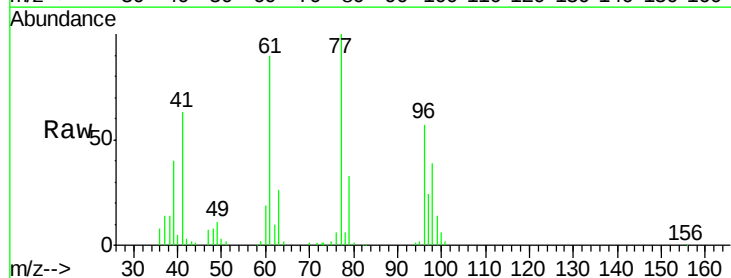
Acq: 21 Mar 2018 19:00

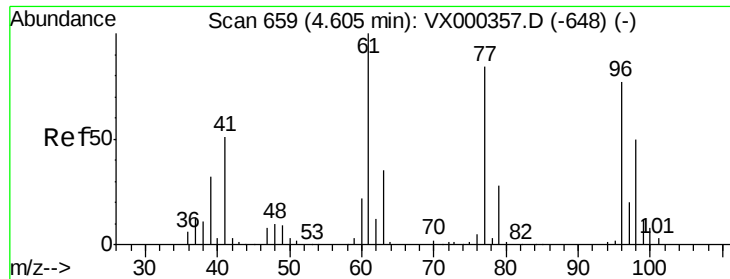
Tgt Ion: 77 Resp: 79676

Ion Ratio Lower Upper

77 100

97 23.3 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 49.28 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX000394.D

Acq: 21 Mar 2018 19:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

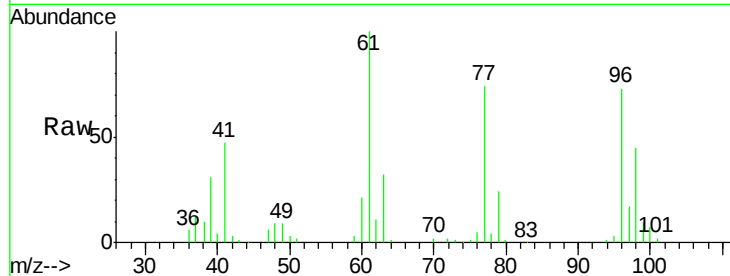
Tgt Ion: 96 Resp: 63651

Ion Ratio Lower Upper

96 100

61 142.5 0.0 291.6

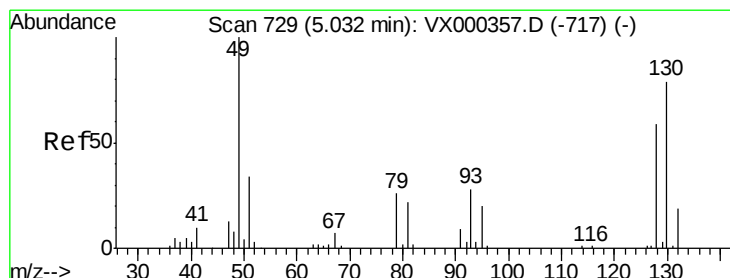
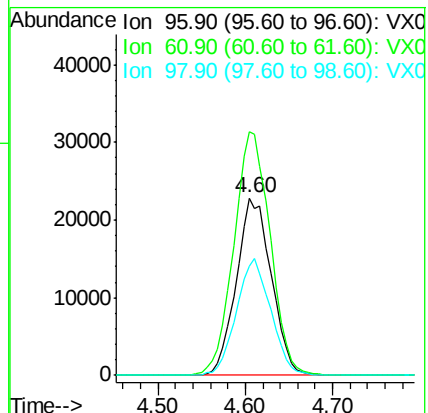
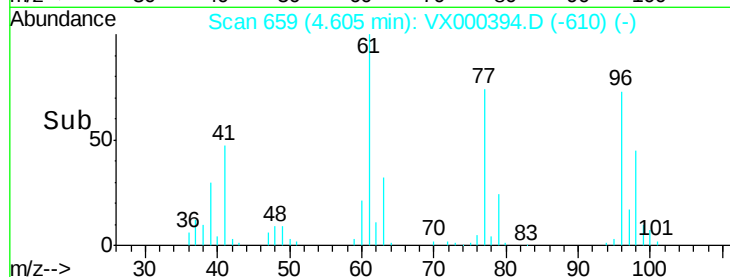
98 64.7 0.0 132.0



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: 50.60 ug/l

RT: 5.03 min Scan# 729

Delta R.T. -0.00 min

Lab File: VX000394.D

Acq: 21 Mar 2018 19:00

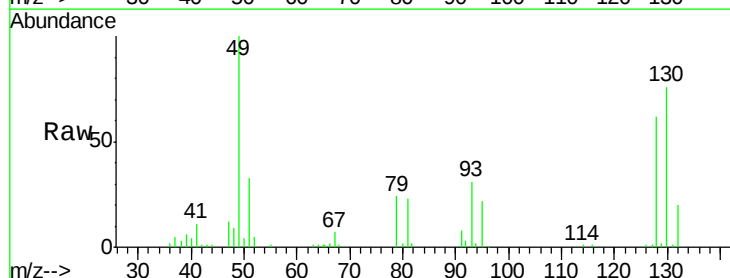
Tgt Ion: 49 Resp: 50813

Ion Ratio Lower Upper

49 100

129 2.4 0.0 5.0

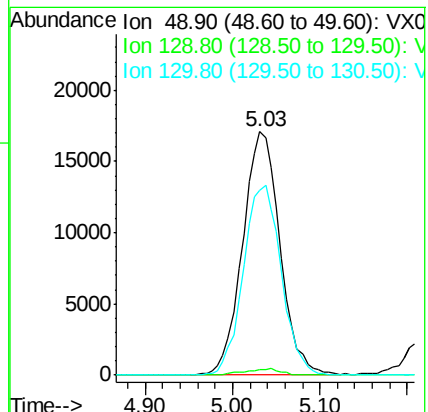
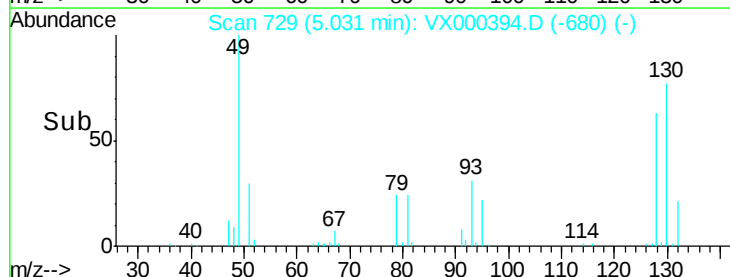
130 78.9 64.0 96.0

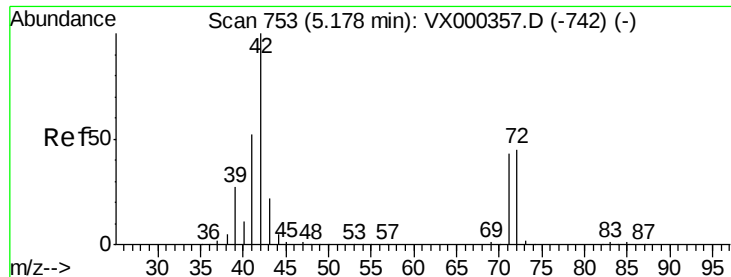


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

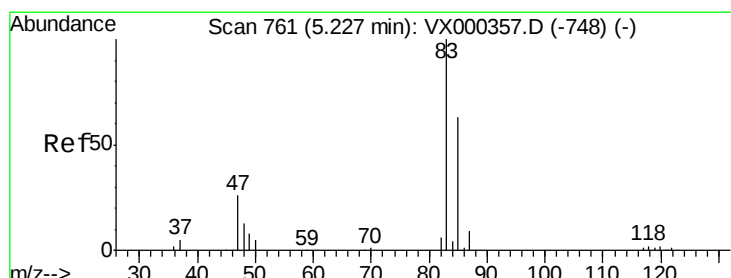
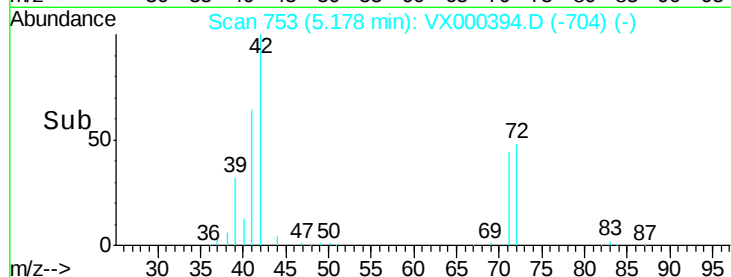
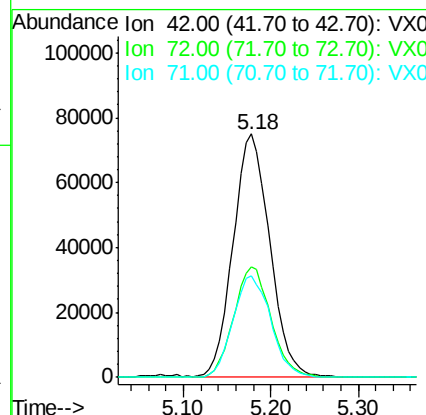
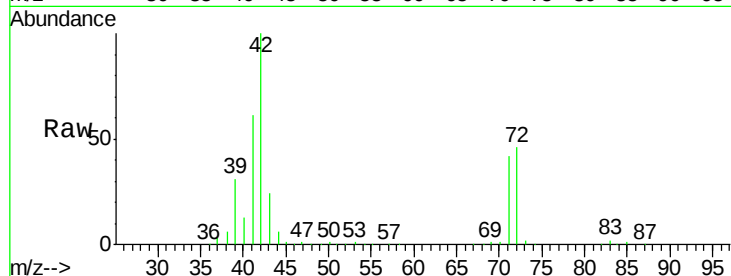




#29
Tetrahydrofuran
Concen: 254.07 ug/l
RT: 5.18 min Scan# 753
Delta R.T. -0.00 min
Lab File: VX000394.D
Acq: 21 Mar 2018 19:00

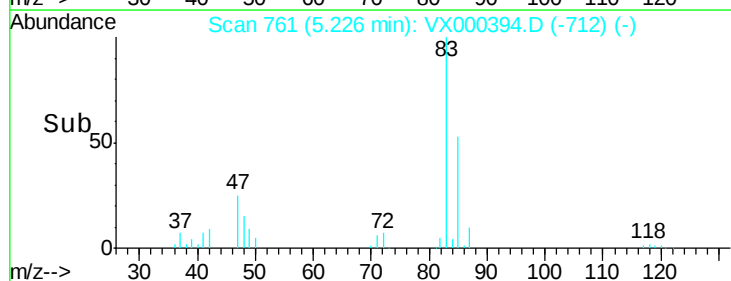
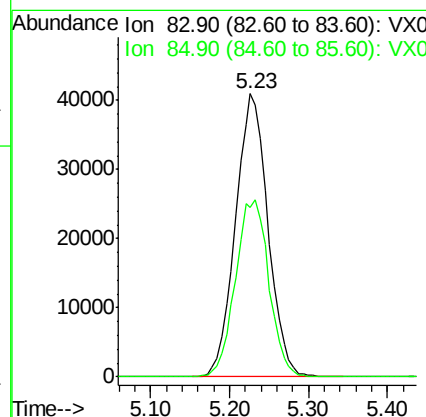
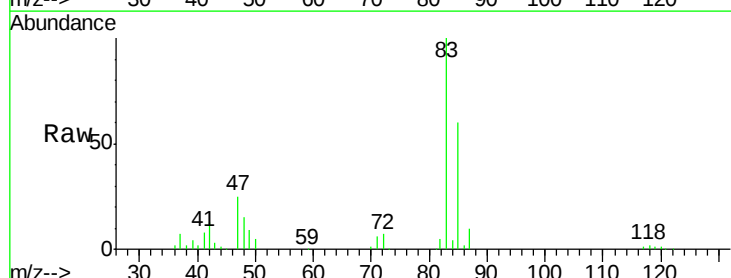
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

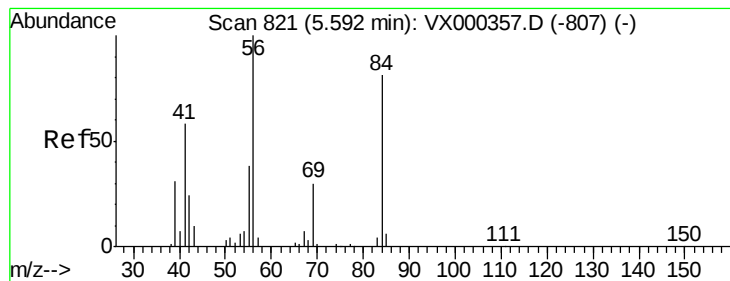
Tgt Ion: 42 Resp: 218089
Ion Ratio Lower Upper
42 100
72 46.3 37.9 56.9
71 43.2 34.4 51.6



#30
Chloroform
Concen: 51.26 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000394.D
Acq: 21 Mar 2018 19:00

Tgt Ion: 83 Resp: 116984
Ion Ratio Lower Upper
83 100
85 59.9 53.3 79.9





#31

Cyclohexane

Concen: 48.71 ug/l

RT: 5.59 min Scan# 820

Delta R.T. -0.01 min

Lab File: VX000394.D

Acq: 21 Mar 2018 19:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

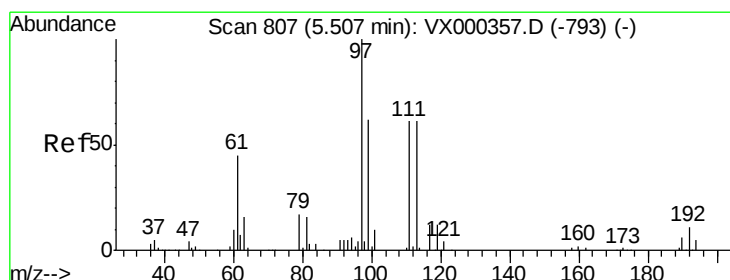
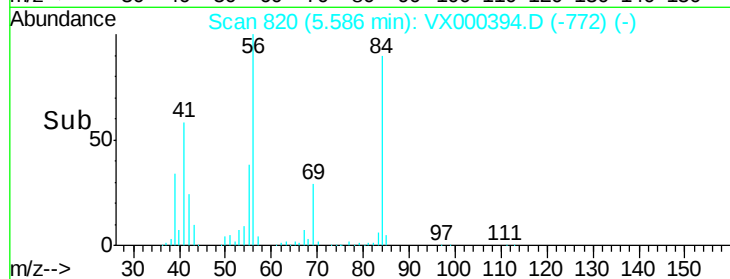
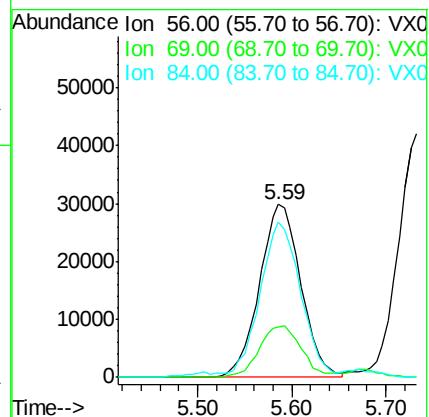
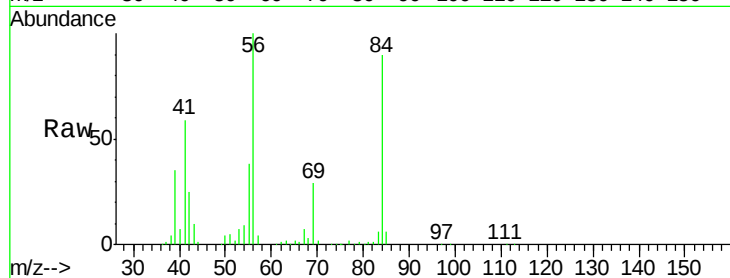
Tgt Ion: 56 Resp: 91698

Ion Ratio Lower Upper

56 100

69 29.4 23.4 35.0

84 88.3 71.0 106.4



#32

1,1,1-Trichloroethane

Concen: 50.02 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX000394.D

Acq: 21 Mar 2018 19:00

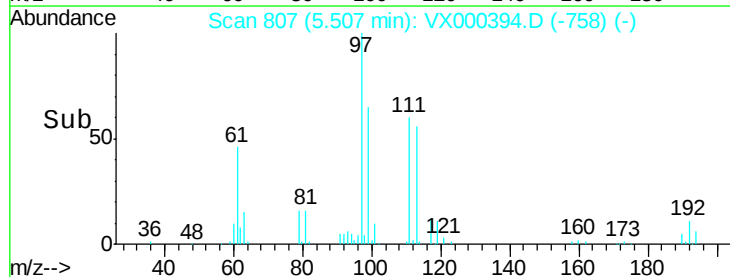
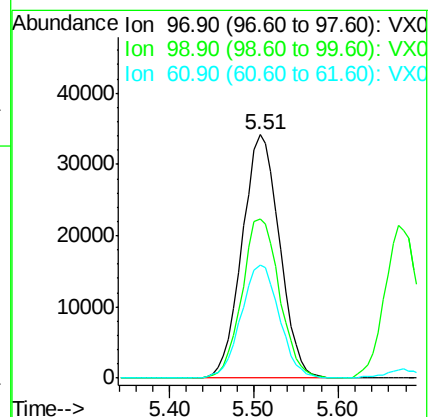
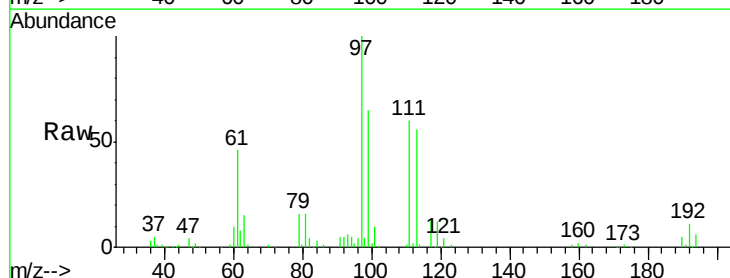
Tgt Ion: 97 Resp: 102987

Ion Ratio Lower Upper

97 100

99 65.5 52.1 78.1

61 47.3 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 52.25 ug/l

RT: 6.08 min Scan# 901

Delta R.T. -0.00 min

Lab File: VX000394.D

Acq: 21 Mar 2018 19:00

Instrument :

MSVOA_X

ClientSampleId :

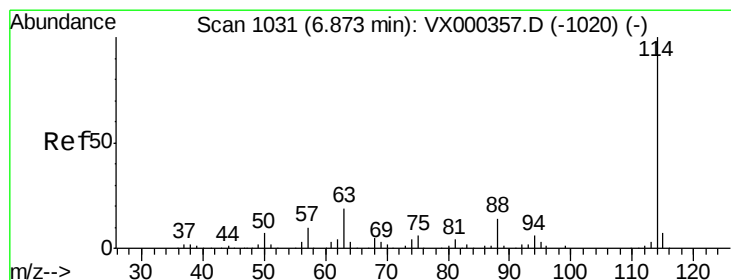
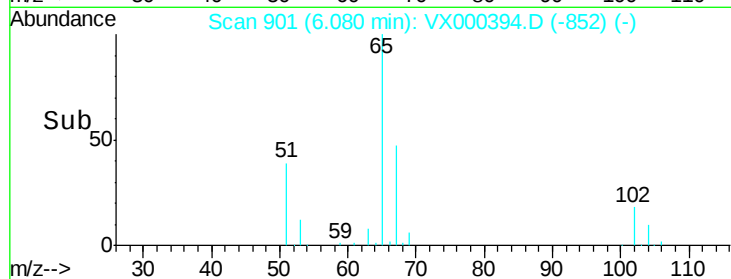
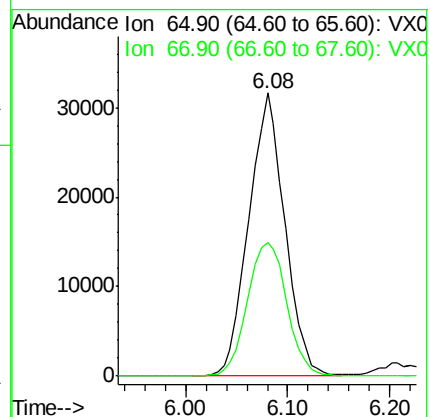
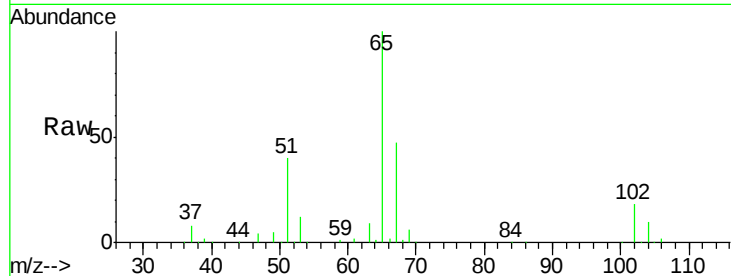
VSTDCCC050EC

Tgt Ion: 65 Resp: 77964

Ion Ratio Lower Upper

65 100

67 51.5 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VX000394.D

Acq: 21 Mar 2018 19:00

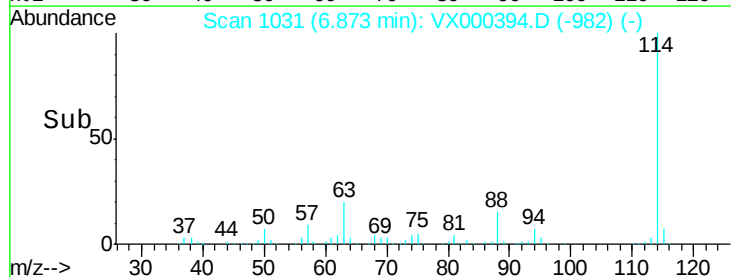
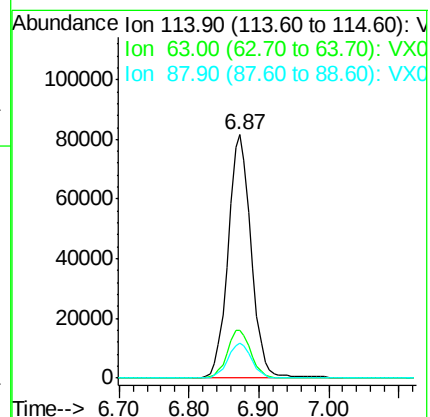
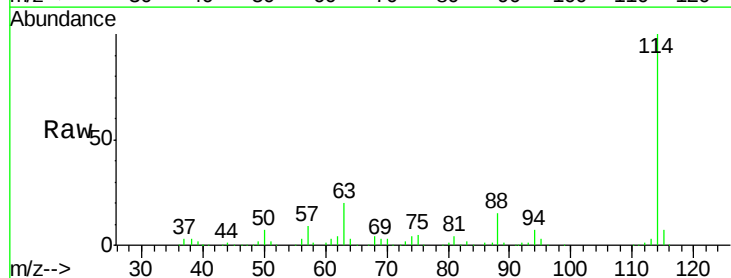
Tgt Ion: 114 Resp: 186239

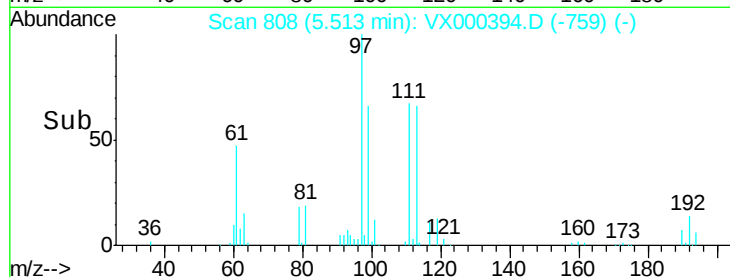
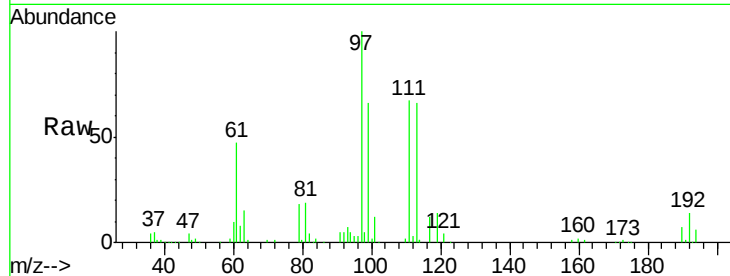
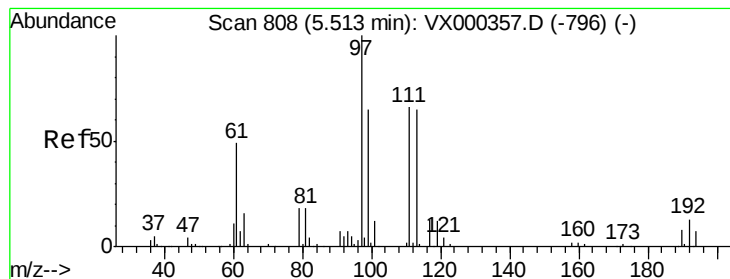
Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.4

88 14.5 0.0 27.0





#35

Dibromofluoromethane

Concen: 52.40 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000394.D

Acq: 21 Mar 2018 19:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

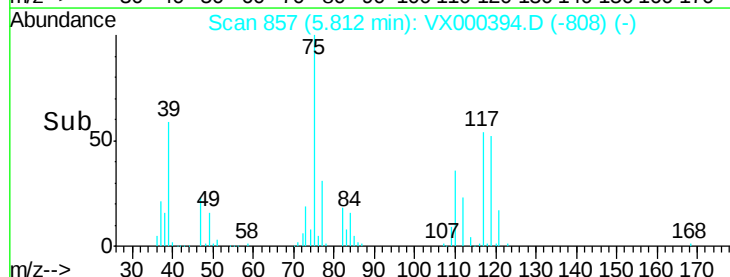
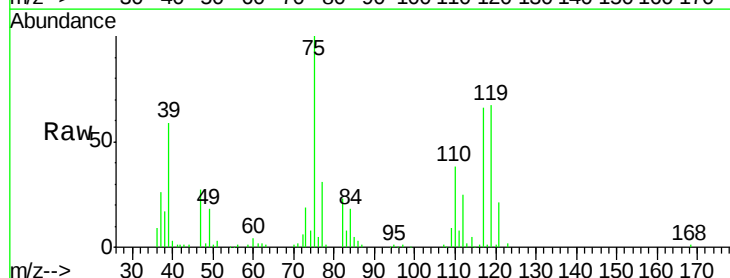
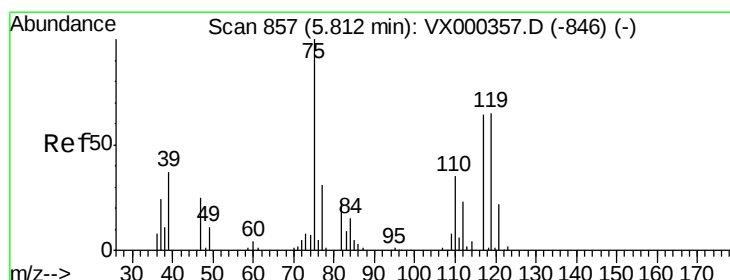
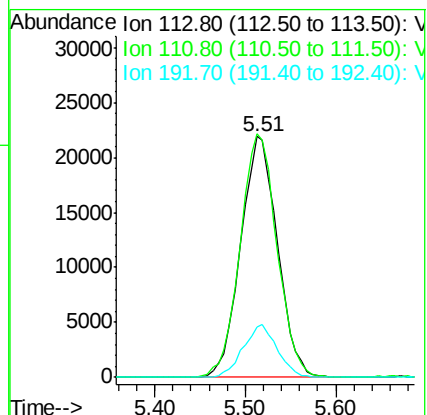
Tgt Ion:113 Resp: 61491

Ion Ratio Lower Upper

113 100

111 101.0 82.4 123.6

192 20.5 15.8 23.6



#36

1,1-Dichloropropene

Concen: 48.79 ug/l

RT: 5.81 min Scan# 857

Delta R.T. -0.00 min

Lab File: VX000394.D

Acq: 21 Mar 2018 19:00

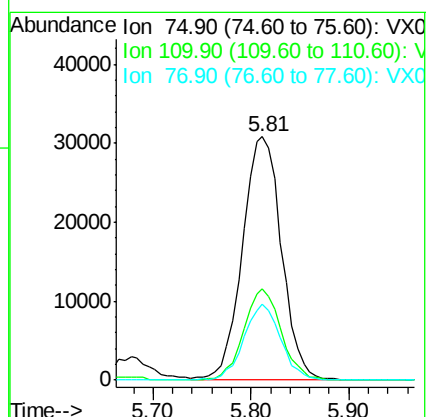
Tgt Ion: 75 Resp: 85124

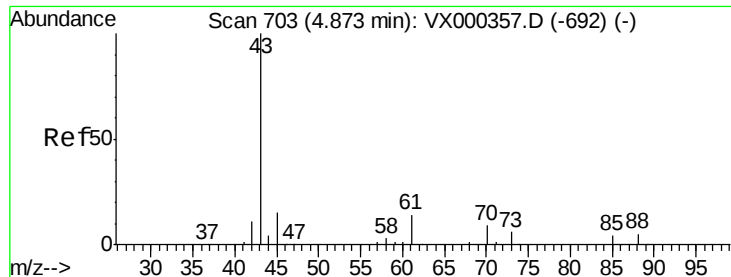
Ion Ratio Lower Upper

75 100

110 36.2 17.9 53.7

77 29.6 24.0 36.0

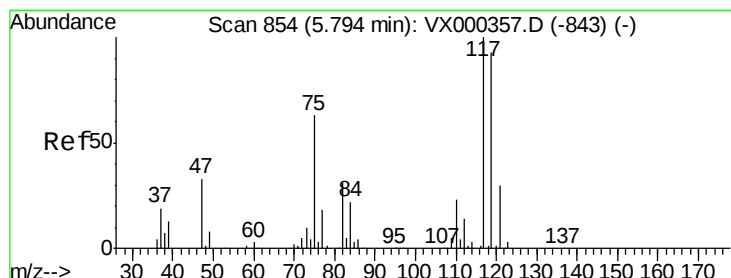
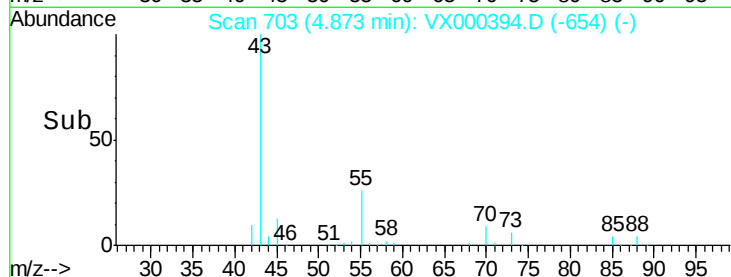
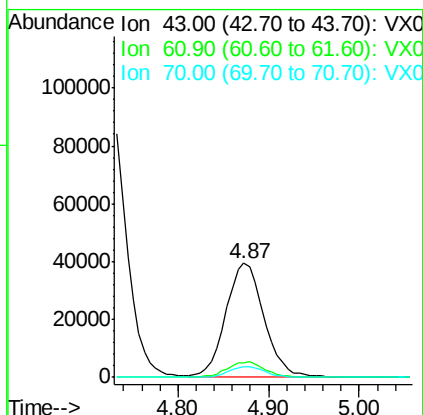
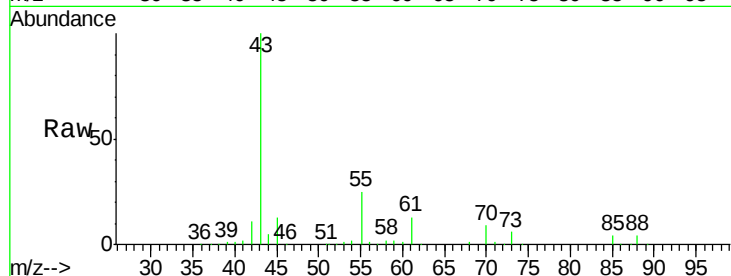




#37
Ethyl Acetate
Concen: 48.15 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX000394.D
Acq: 21 Mar 2018 19:00

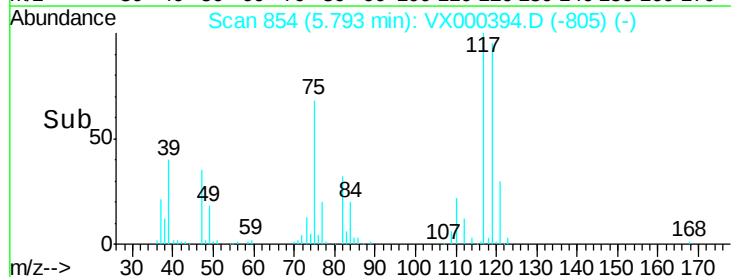
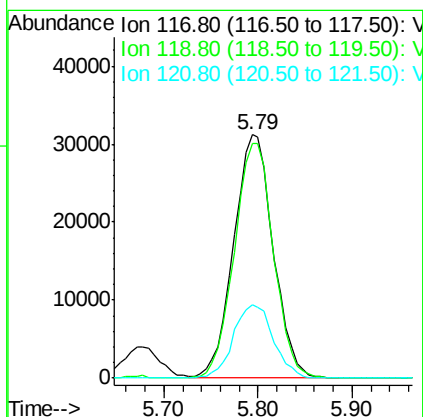
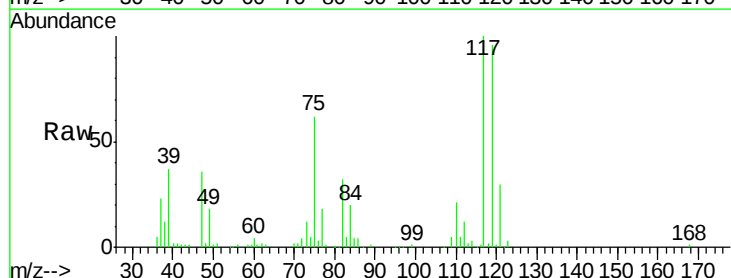
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

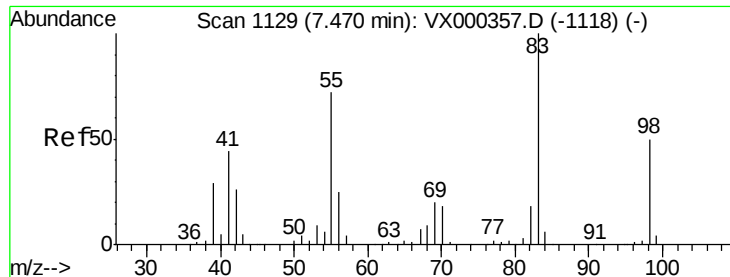
Tgt Ion: 43 Resp: 114727
Ion Ratio Lower Upper
43 100
61 13.8 11.1 16.7
70 9.2 7.7 11.5



#38
Carbon Tetrachloride
Concen: 49.95 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000394.D
Acq: 21 Mar 2018 19:00

Tgt Ion: 117 Resp: 91411
Ion Ratio Lower Upper
117 100
119 96.3 77.4 116.2
121 30.3 24.8 37.2

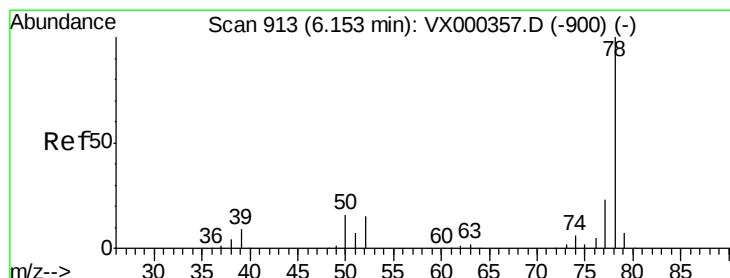
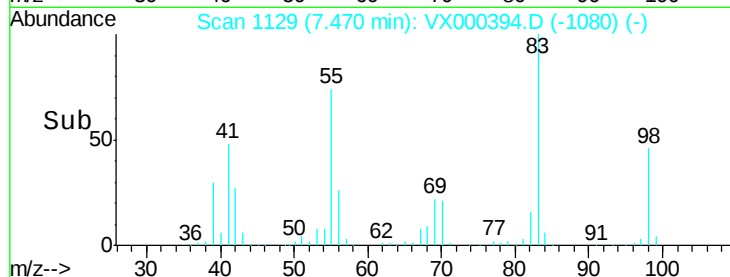
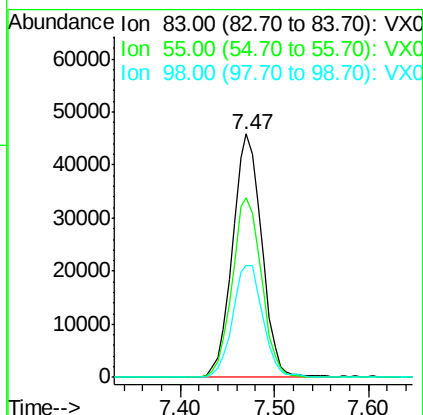
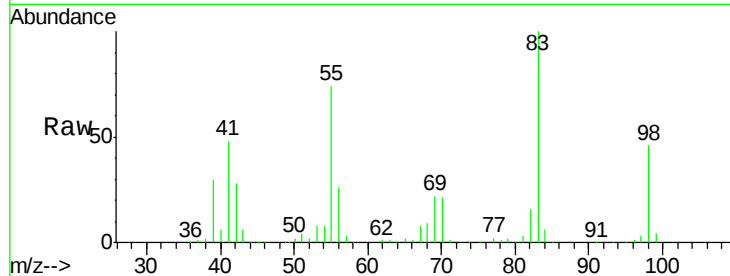




#39
Methylcyclohexane
Concen: 46.55 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000394.D
Acq: 21 Mar 2018 19:00

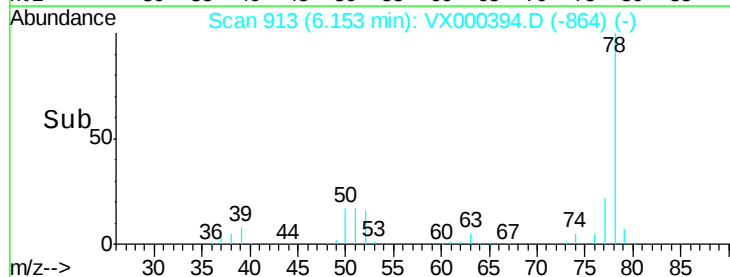
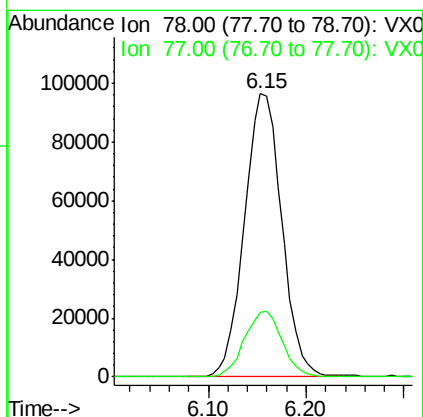
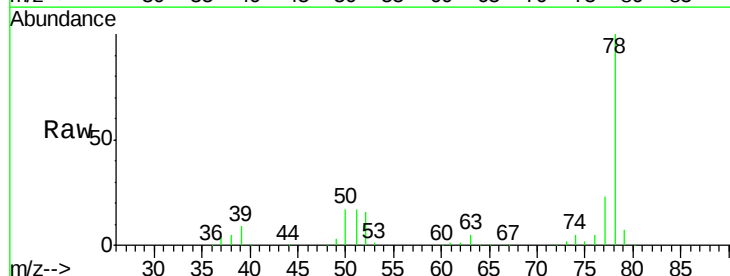
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

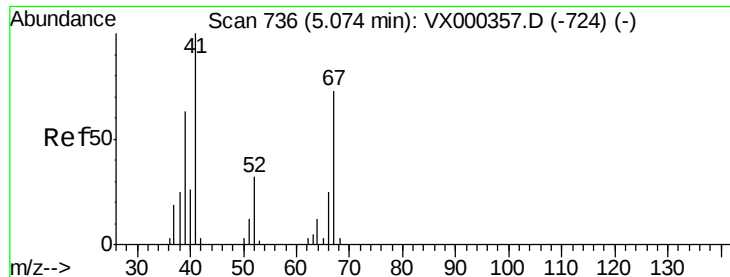
Tgt Ion: 83 Resp: 98753
Ion Ratio Lower Upper
83 100
55 73.7 55.5 83.3
98 46.2 38.2 57.4



#40
Benzene
Concen: 50.70 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000394.D
Acq: 21 Mar 2018 19:00

Tgt Ion: 78 Resp: 256863
Ion Ratio Lower Upper
78 100
77 22.8 18.7 28.1

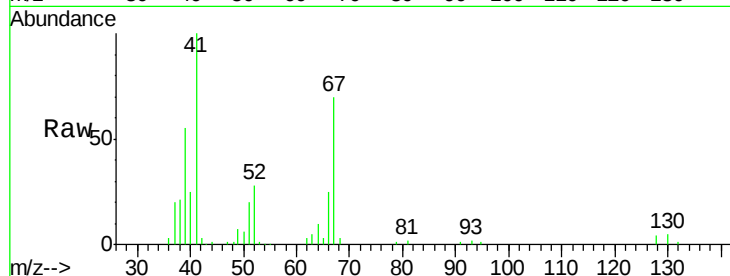




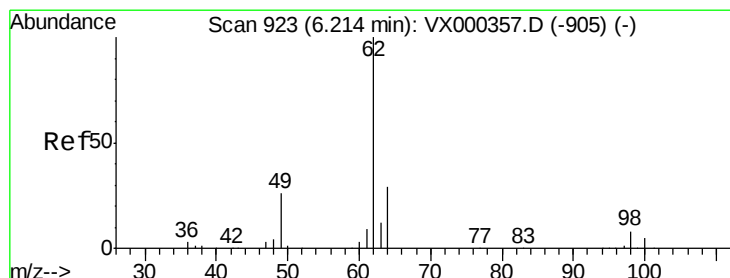
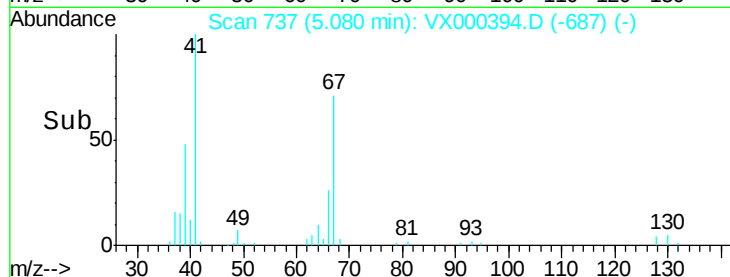
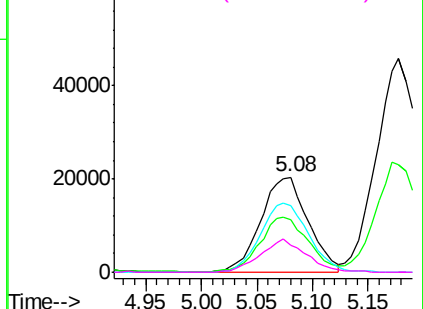
#41
Methacrylonitrile
Concen: 48.09 ug/l
RT: 5.08 min Scan# 737
Delta R.T. 0.01 min
Lab File: VX000394.D
Acq: 21 Mar 2018 19:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	60420
Ion	Ratio	Lower	Upper
41	100		
39	58.9	45.7	68.5
67	74.3	57.8	86.8
52	33.7	26.7	40.1

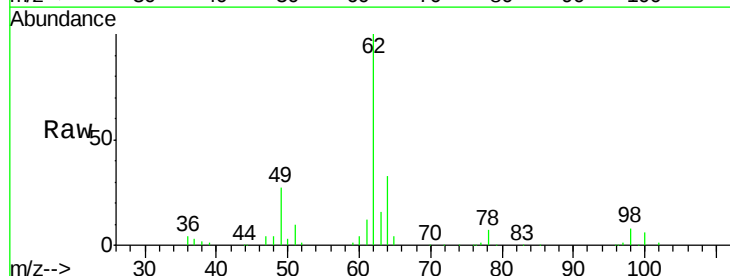


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

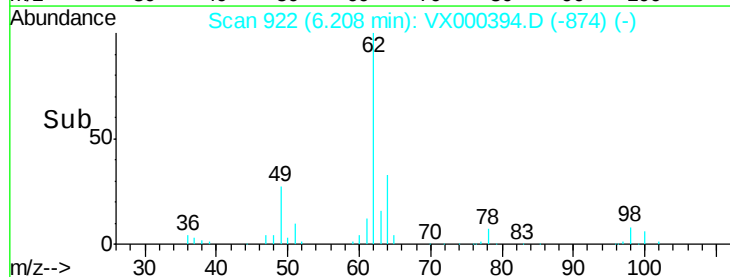
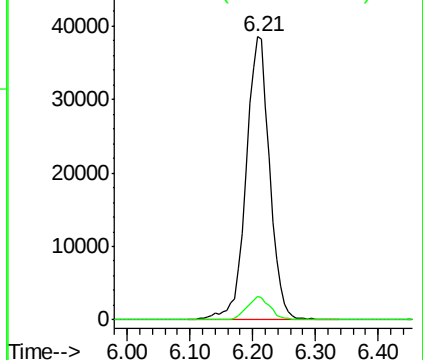


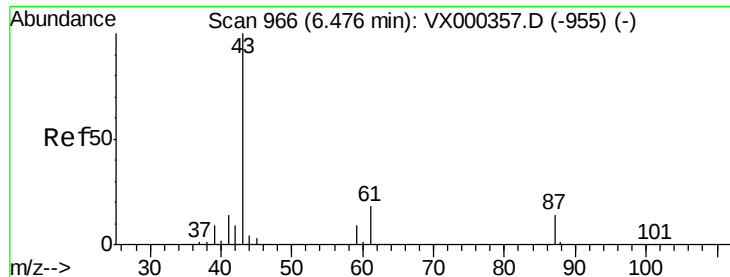
#42
1,2-Dichloroethane
Concen: 50.29 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.01 min
Lab File: VX000394.D
Acq: 21 Mar 2018 19:00

Tgt Ion:	62	Resp:	99969
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	15.8



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





#43

Isopropyl Acetate

Concen: 50.21 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX000394.D

Acq: 21 Mar 2018 19:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

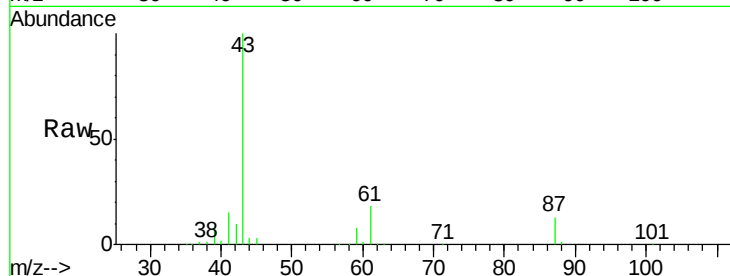
Tgt Ion: 43 Resp: 178095

Ion Ratio Lower Upper

43 100

61 18.5 14.4 21.6

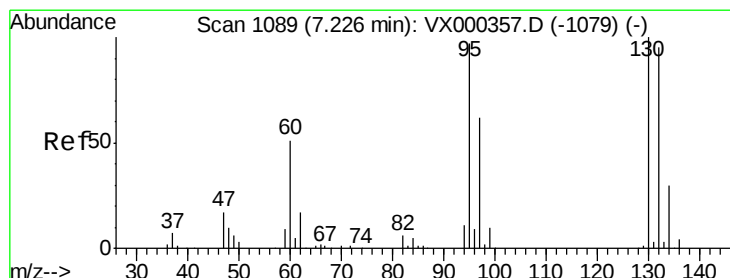
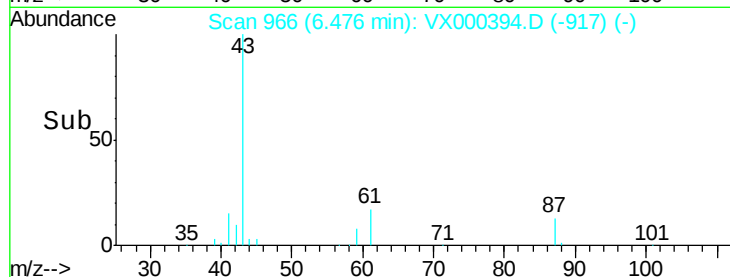
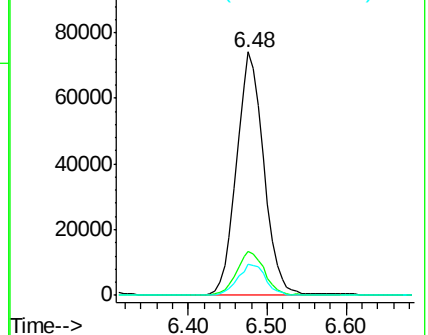
87 13.2 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VX000357.D (-955) (-)

Ion 61.00 (60.70 to 61.70): VX000357.D (-955) (-)

Ion 87.00 (86.70 to 87.70): VX000357.D (-955) (-)



#44

Trichloroethene

Concen: 48.39 ug/l

RT: 7.23 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VX000394.D

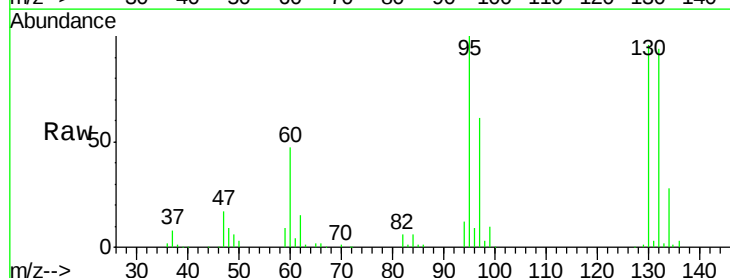
Acq: 21 Mar 2018 19:00

Tgt Ion: 130 Resp: 70230

Ion Ratio Lower Upper

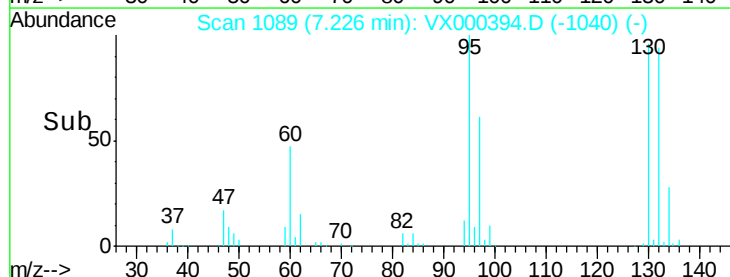
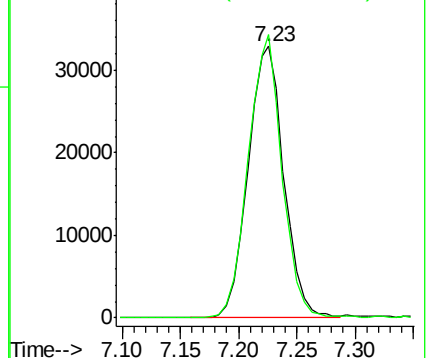
130 100

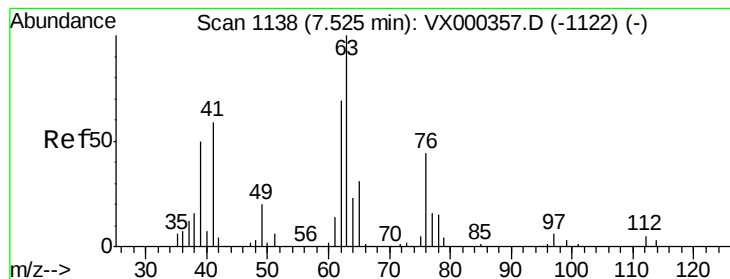
95 104.4 0.0 186.0



Abundance Ion 129.80 (129.50 to 130.50): VX000357.D (-1079) (-)

Ion 94.90 (94.60 to 95.60): VX000357.D (-1079) (-)





#45

1,2-Dichloropropane

Concen: 50.43 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VX000394.D

Acq: 21 Mar 2018 19:00

Instrument :

MSVOA_X

ClientSampleId :

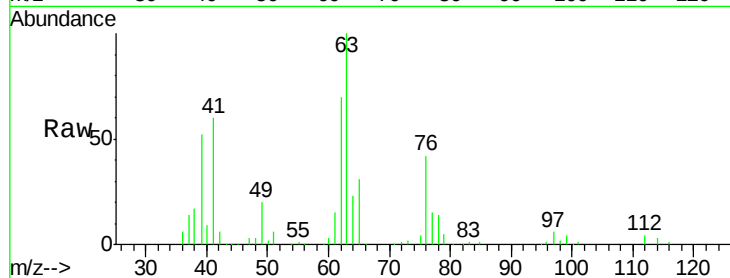
VSTDCCC050EC

Tgt Ion: 63 Resp: 65402

Ion Ratio Lower Upper

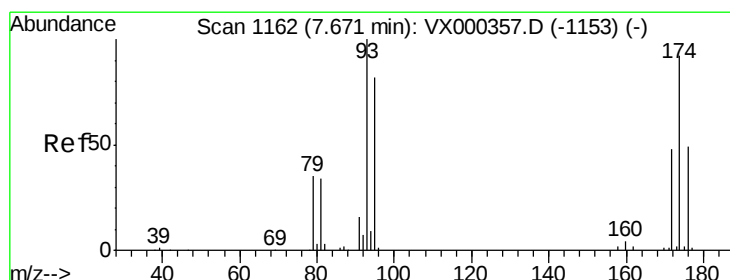
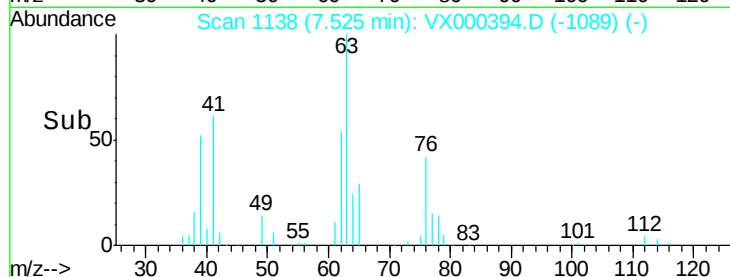
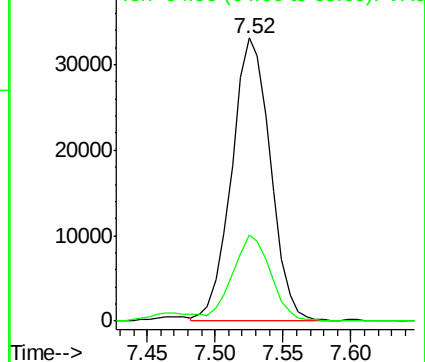
63 100

65 30.6 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. -0.00 min

Lab File: VX000394.D

Acq: 21 Mar 2018 19:00

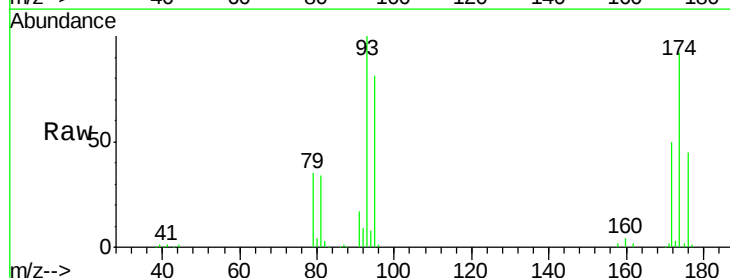
Tgt Ion: 93 Resp: 50896

Ion Ratio Lower Upper

93 100

95 80.9 66.5 99.7

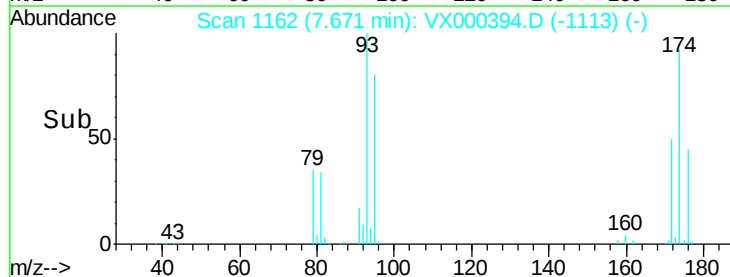
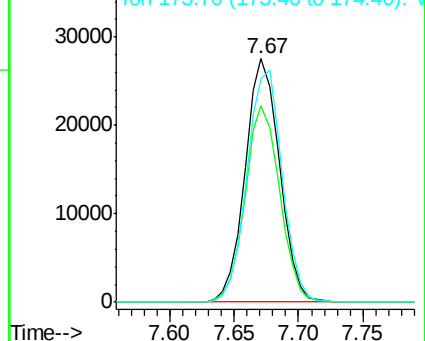
174 97.2 76.0 114.0

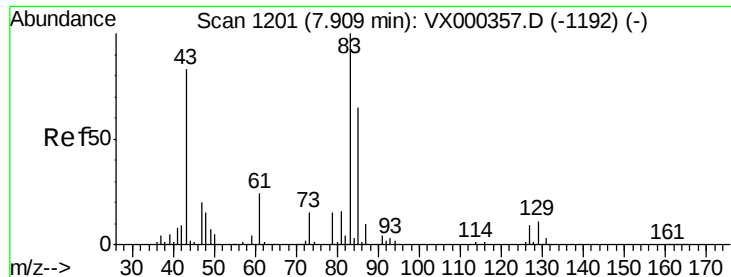


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 53.17 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000394.D

Acq: 21 Mar 2018 19:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

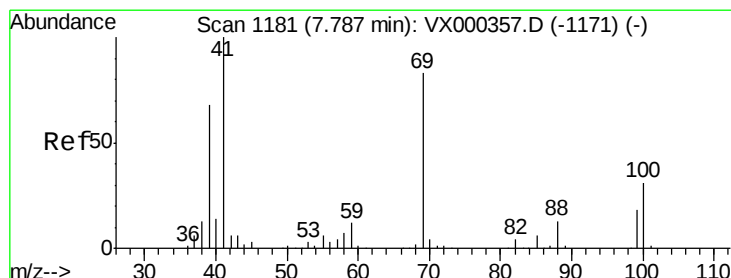
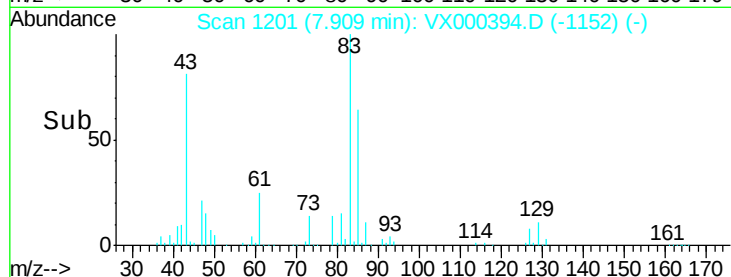
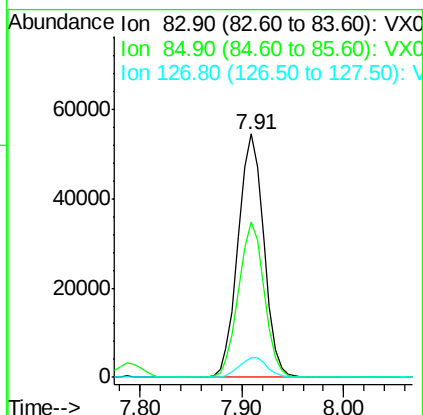
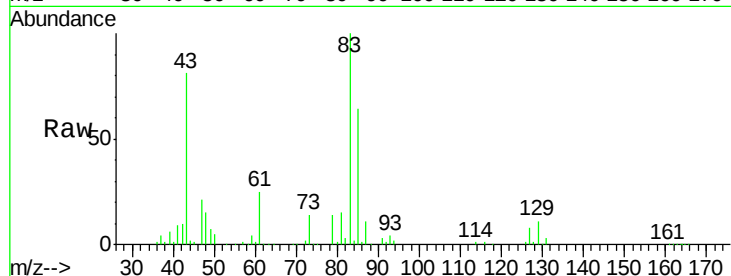
Tgt Ion: 83 Resp: 95213

Ion Ratio Lower Upper

83 100

85 64.0 51.4 77.0

127 8.3 7.0 10.6



#48

Methyl methacrylate

Concen: 52.39 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX000394.D

Acq: 21 Mar 2018 19:00

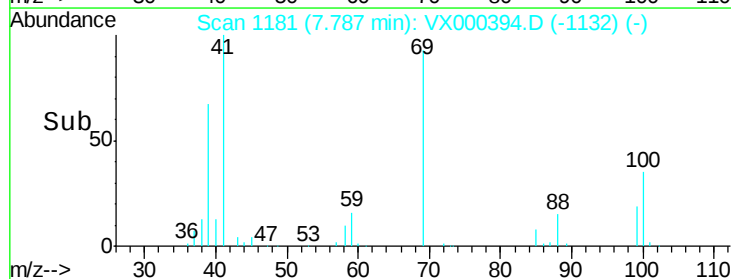
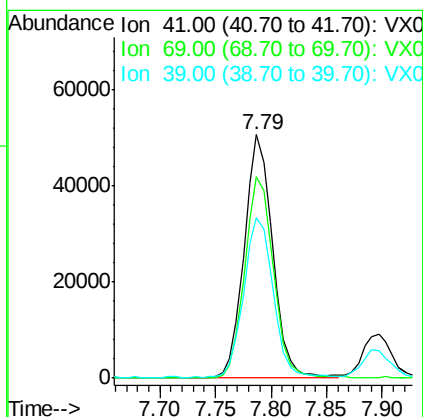
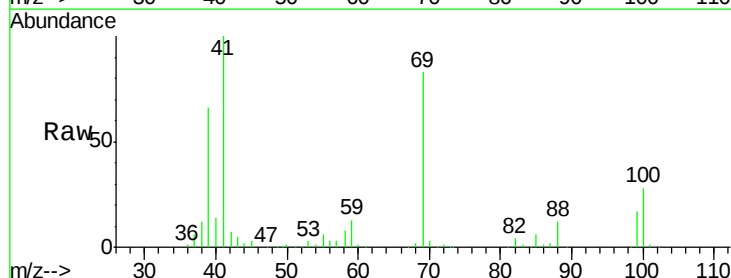
Tgt Ion: 41 Resp: 90219

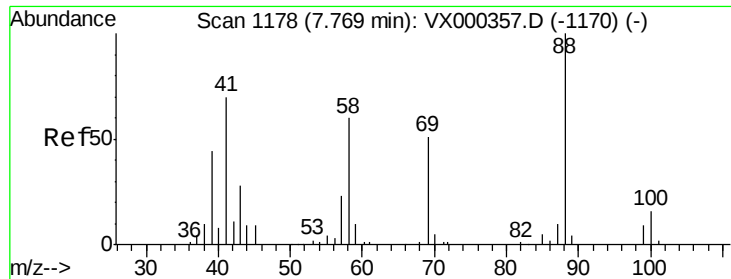
Ion Ratio Lower Upper

41 100

69 83.8 68.2 102.4

39 68.0 54.6 81.8

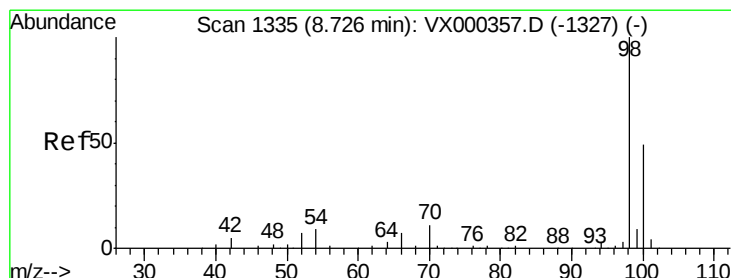
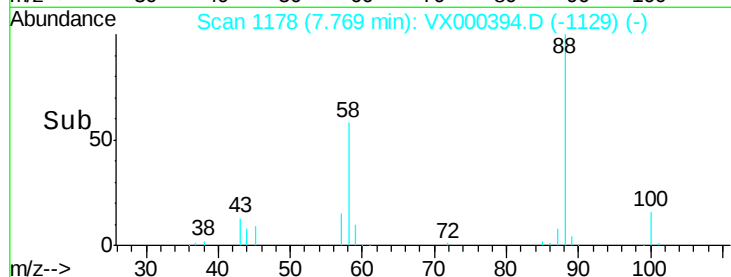
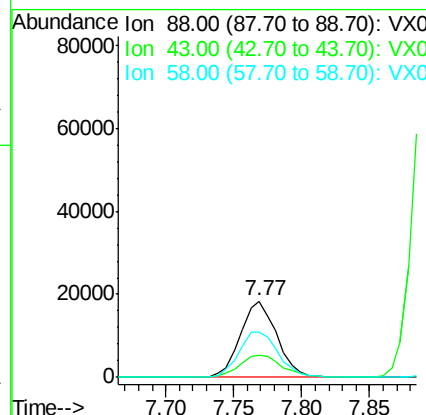
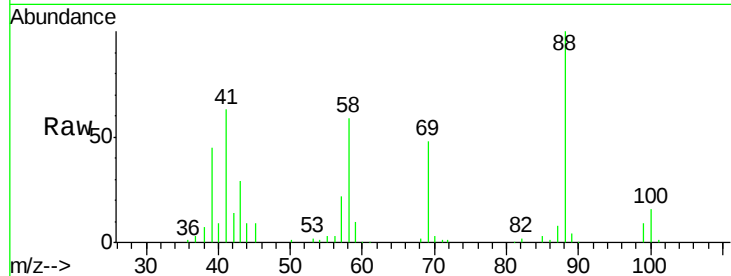




#49
1,4-Dioxane
Concen: 951.43 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VX000394.D
Acq: 21 Mar 2018 19:00

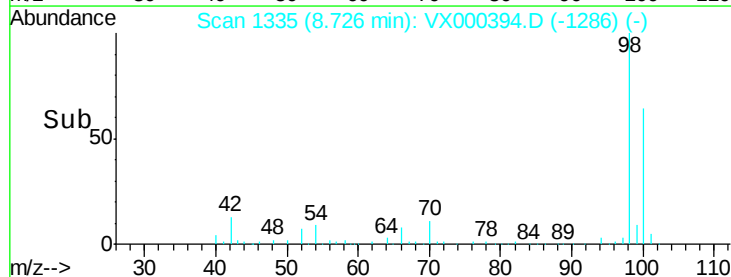
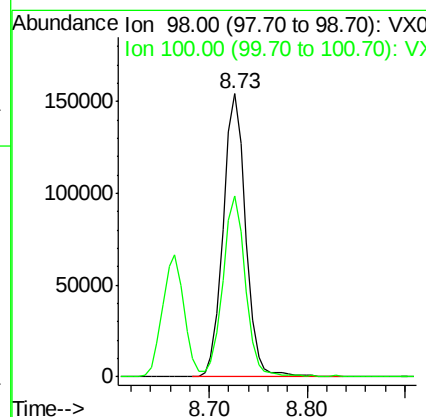
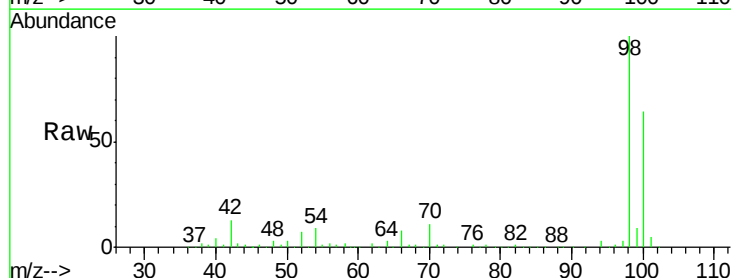
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 34440
Ion Ratio Lower Upper
88 100
43 34.5 26.8 40.2
58 64.9 52.2 78.2



#50
Toluene-d8
Concen: 50.87 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000394.D
Acq: 21 Mar 2018 19:00

Tgt Ion: 98 Resp: 247224
Ion Ratio Lower Upper
98 100
100 63.1 51.2 76.8

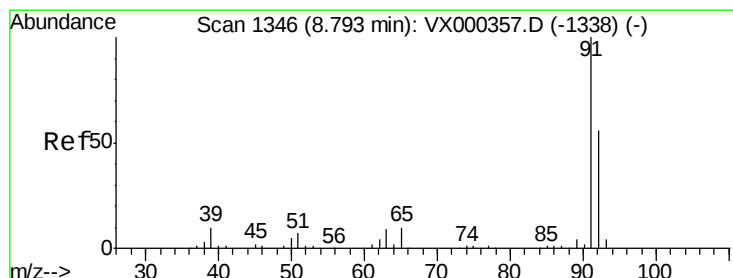
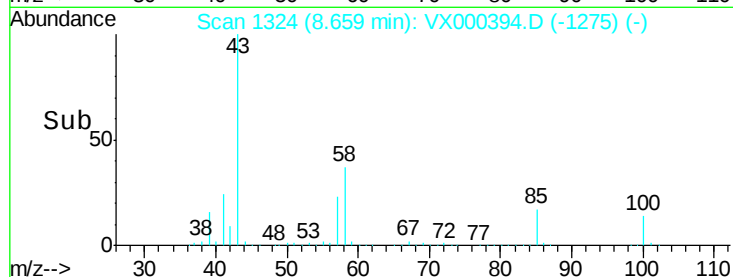
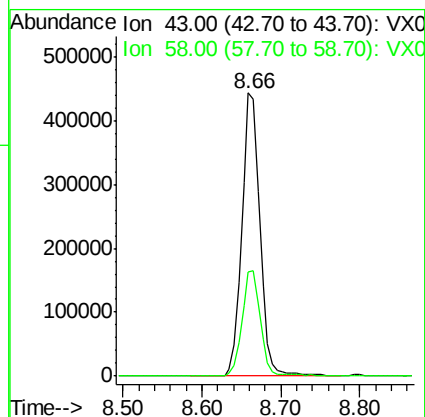
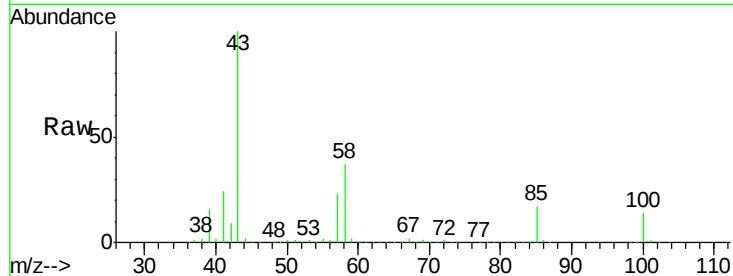




#51
4-Methyl-2-Pentanone
Concen: 258.73 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VX000394.D
Acq: 21 Mar 2018 19:00

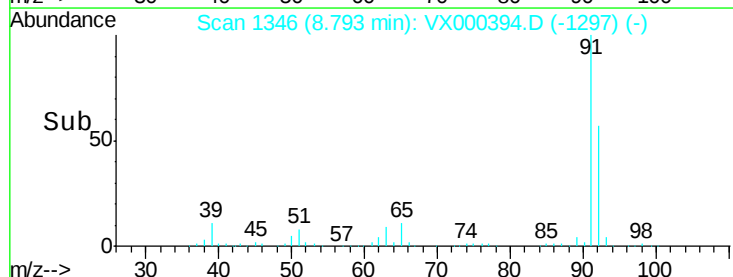
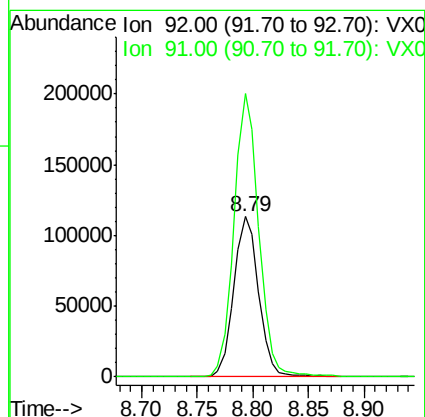
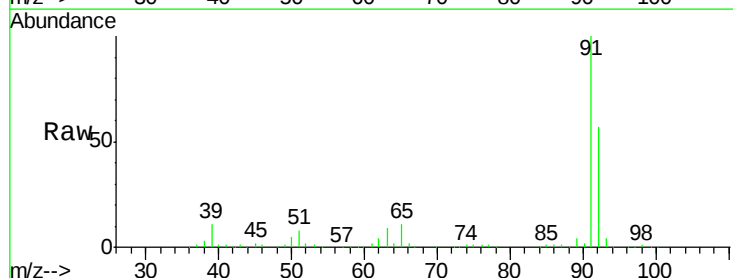
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 710386
Ion Ratio Lower Upper
43 100
58 37.0 30.3 45.5



#52
Toluene
Concen: 49.74 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VX000394.D
Acq: 21 Mar 2018 19:00

Tgt Ion: 92 Resp: 176156
Ion Ratio Lower Upper
92 100
91 176.0 140.2 210.2





#53

t-1,3-Dichloropropene

Concen: 50.33 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX000394.D

Acq: 21 Mar 2018 19:00

Instrument :

MSVOA_X

ClientSampleId :

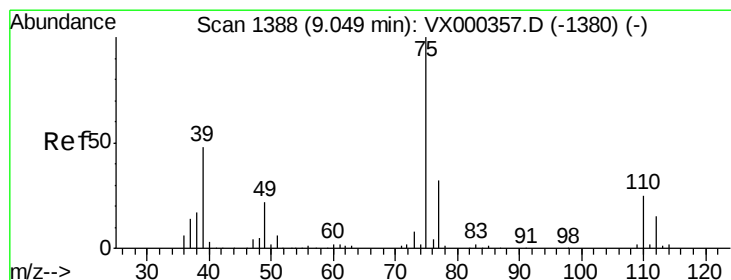
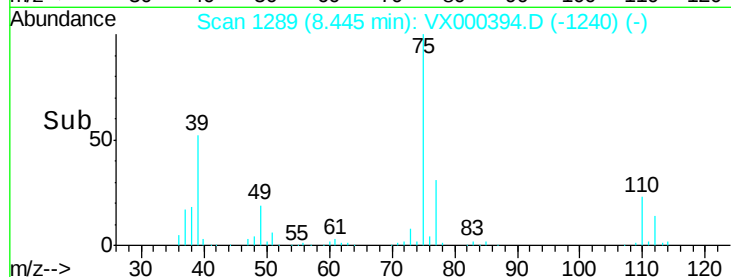
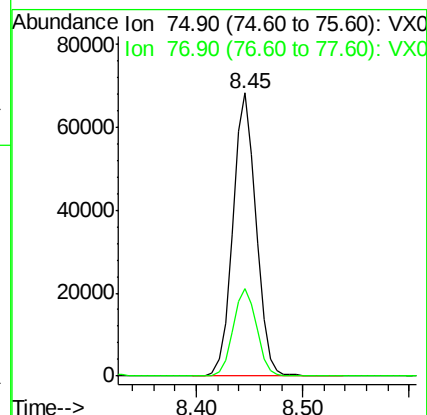
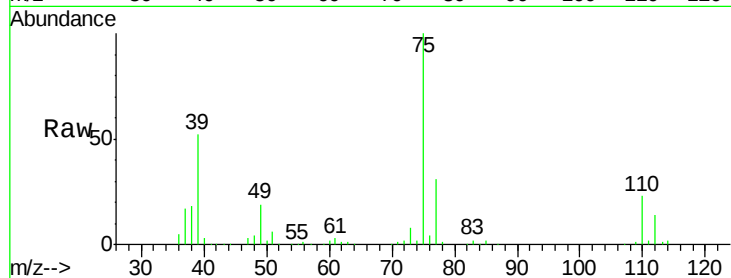
VSTDCCC050EC

Tgt Ion: 75 Resp: 104444

Ion Ratio Lower Upper

75 100

77 30.9 24.0 36.0



#54

cis-1,3-Dichloropropene

Concen: 51.87 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000394.D

Acq: 21 Mar 2018 19:00

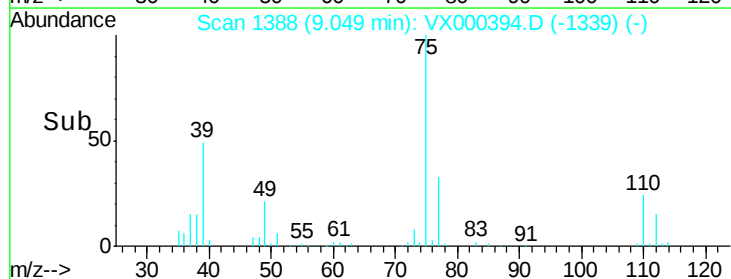
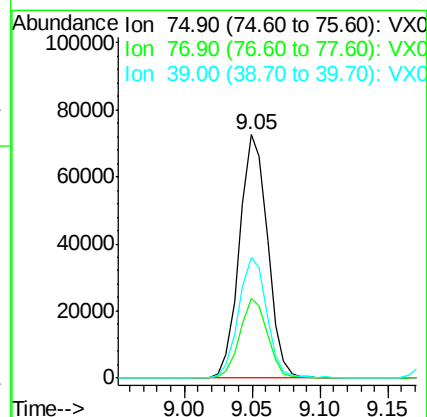
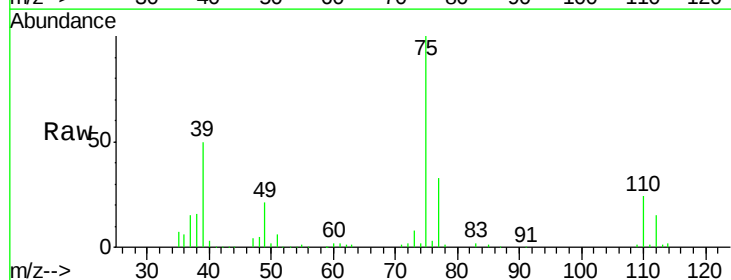
Tgt Ion: 75 Resp: 104410

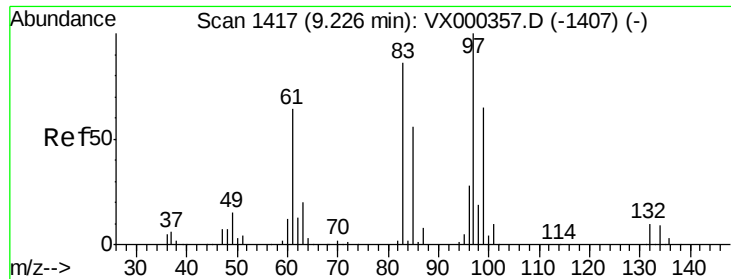
Ion Ratio Lower Upper

75 100

77 32.5 26.1 39.1

39 49.5 39.8 59.6

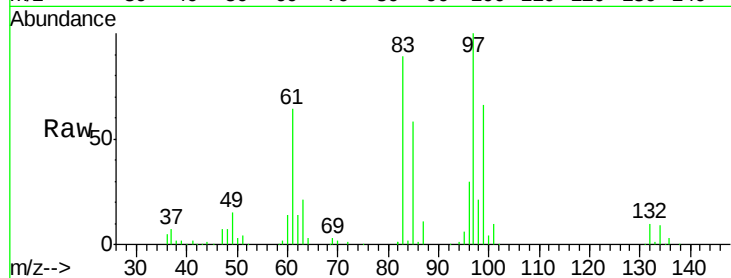




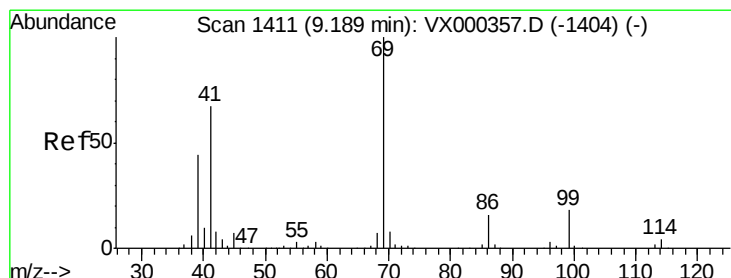
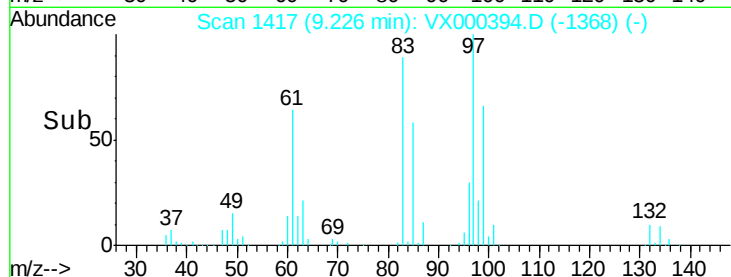
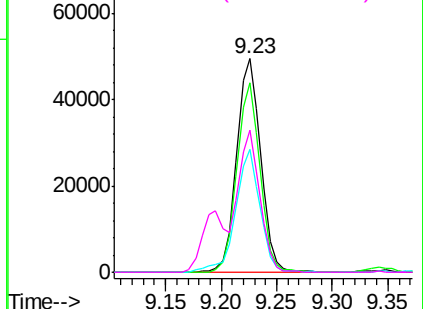
#55
 1,1,2-Trichloroethane
 Concen: 50.58 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000394.D
 Acq: 21 Mar 2018 19:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 97 Resp: 73668
 Ion Ratio Lower Upper
 97 100
 83 88.8 67.9 101.9
 85 57.6 42.8 64.2
 99 66.4 49.4 74.2

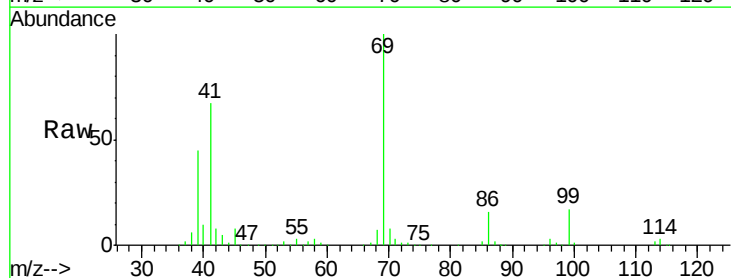


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

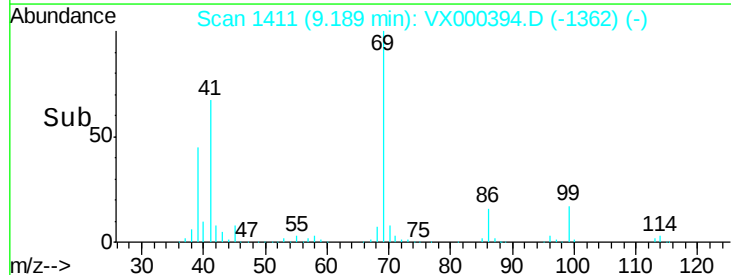
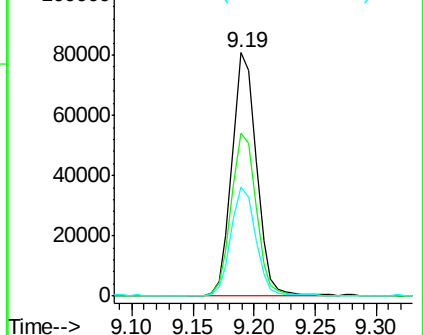


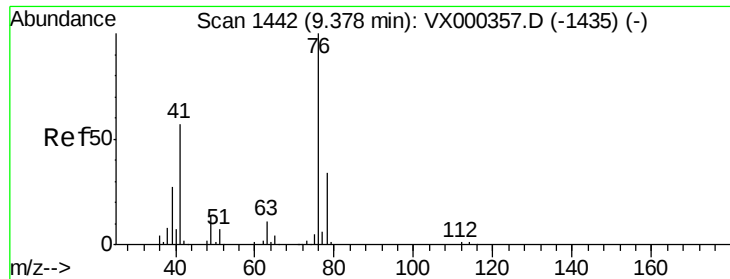
#56
 Ethyl methacrylate
 Concen: 51.07 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000394.D
 Acq: 21 Mar 2018 19:00

Tgt Ion: 69 Resp: 112702
 Ion Ratio Lower Upper
 69 100
 41 68.9 53.0 79.6
 39 44.9 35.3 52.9



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: 51.37 ug/l

RT: 9.38 min Scan# 1443

Delta R.T. 0.01 min

Lab File: VX000394.D

Acq: 21 Mar 2018 19:00

Instrument :

MSVOA_X

ClientSampleId :

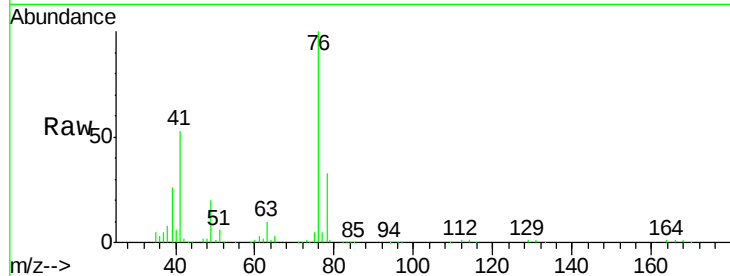
VSTDCCC050EC

Tgt Ion: 76 Resp: 119660

Ion Ratio Lower Upper

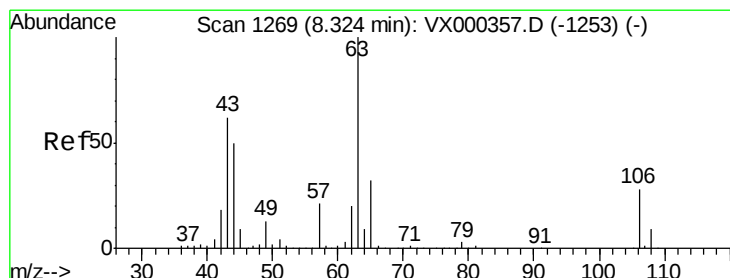
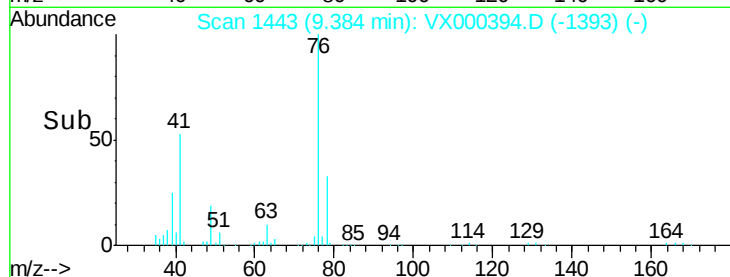
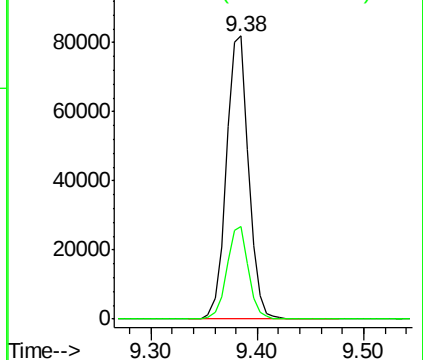
76 100

78 31.9 26.4 39.6



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: 263.92 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VX000394.D

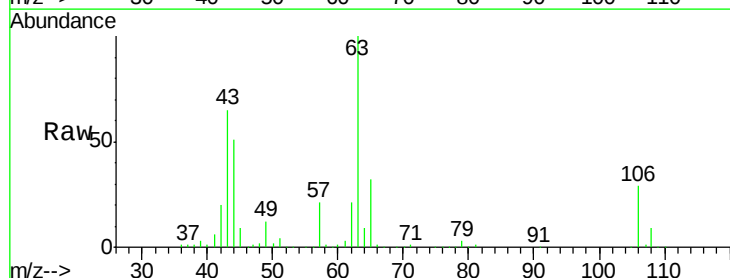
Acq: 21 Mar 2018 19:00

Tgt Ion: 63 Resp: 279555

Ion Ratio Lower Upper

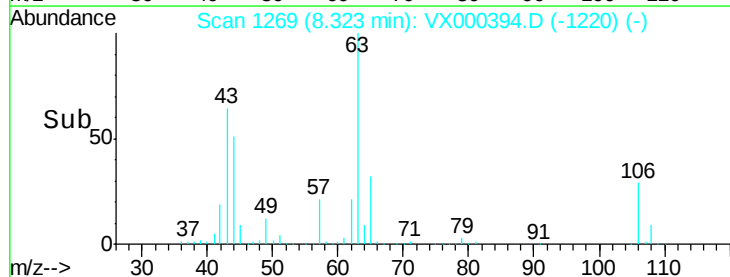
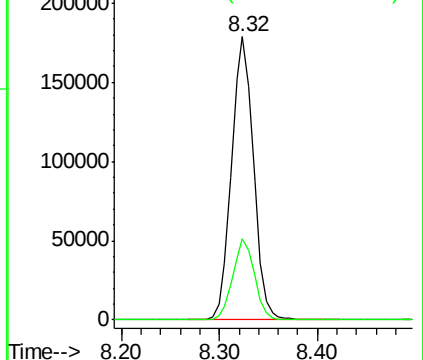
63 100

106 28.3 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

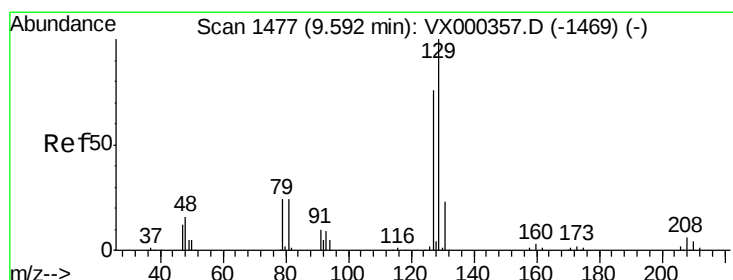
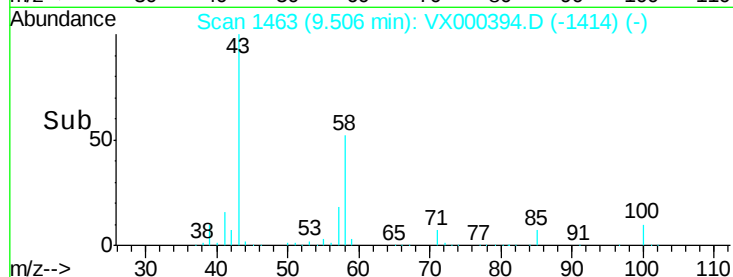
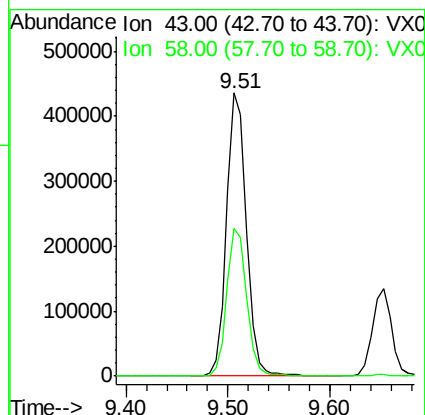
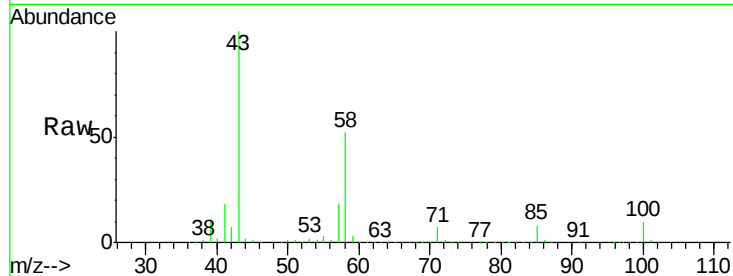




#59
2-Hexanone
Concen: 252.81 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000394.D
Acq: 21 Mar 2018 19:00

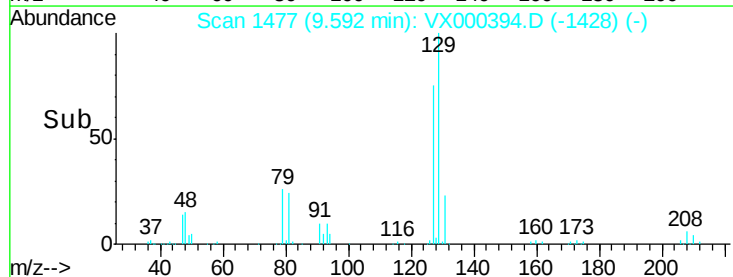
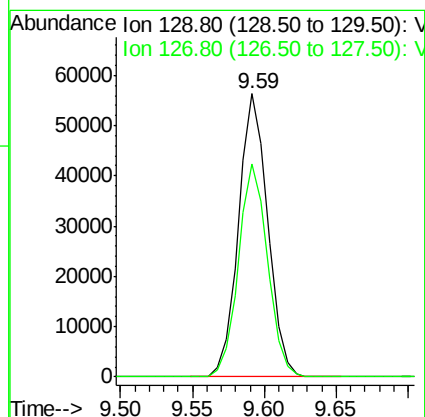
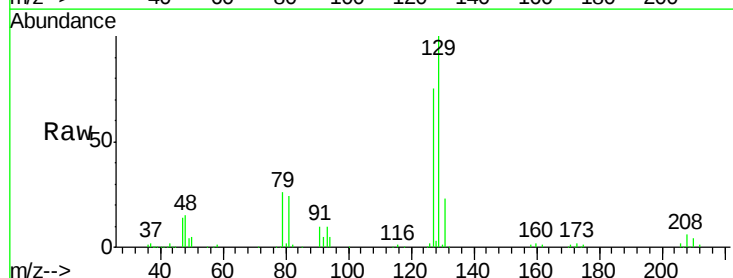
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

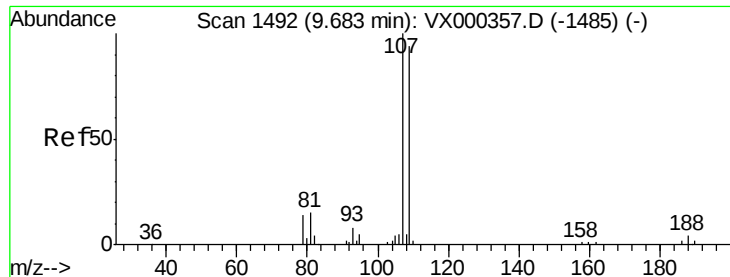
Tgt Ion: 43 Resp: 589382
Ion Ratio Lower Upper
43 100
58 52.5 26.6 79.7



#60
Dibromochloromethane
Concen: 46.54 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000394.D
Acq: 21 Mar 2018 19:00

Tgt Ion: 129 Resp: 79672
Ion Ratio Lower Upper
129 100
127 75.1 37.9 113.6





#61

1,2-Dibromoethane

Concen: 51.10 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000394.D

Acq: 21 Mar 2018 19:00

Instrument :

MSVOA_X

ClientSampleId :

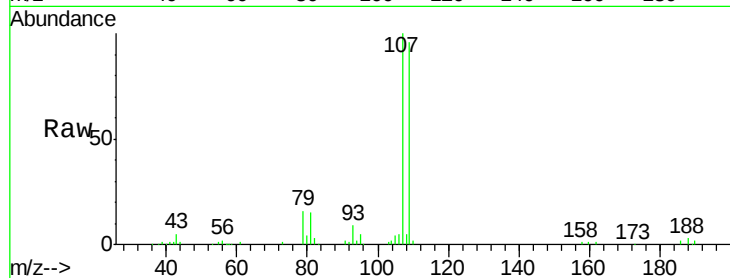
VSTDCCC050EC

Tgt Ion: 107 Resp: 79813

Ion Ratio Lower Upper

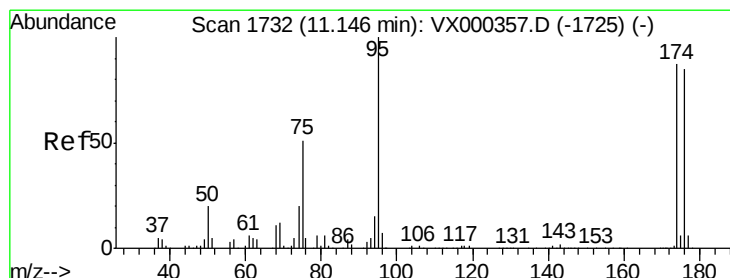
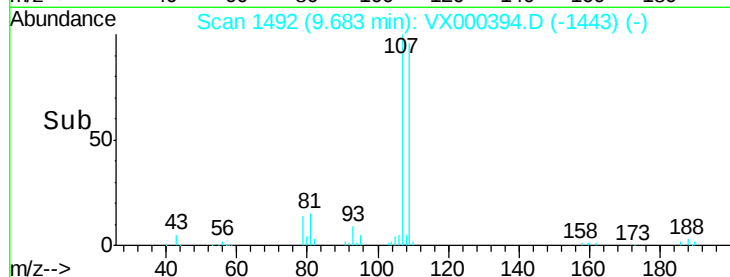
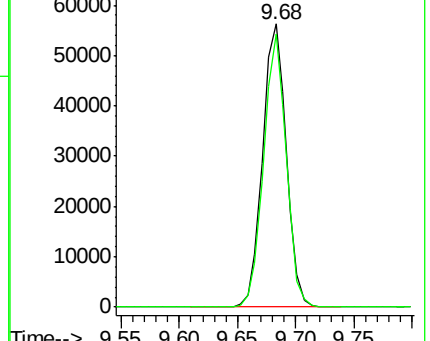
107 100

109 92.5 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 44.88 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000394.D

Acq: 21 Mar 2018 19:00

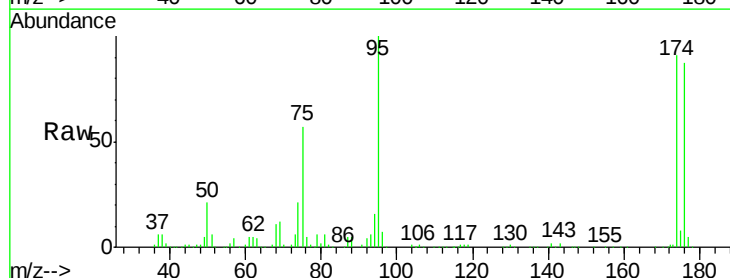
Tgt Ion: 95 Resp: 90700

Ion Ratio Lower Upper

95 100

174 90.3 0.0 173.6

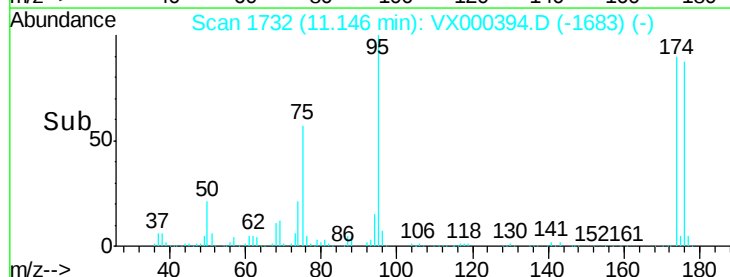
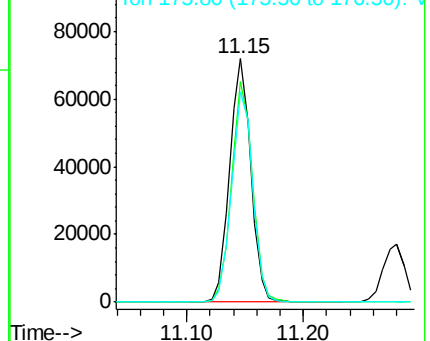
176 87.1 0.0 164.6

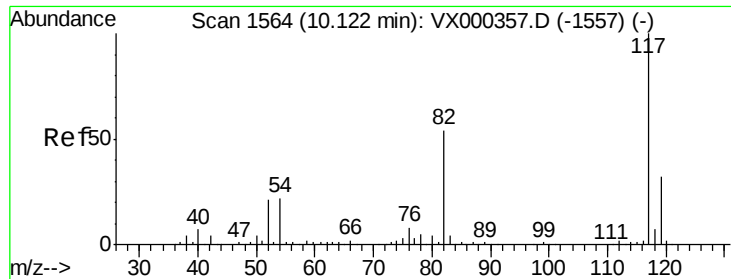


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

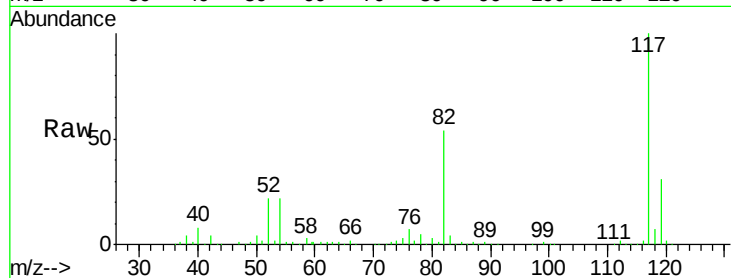




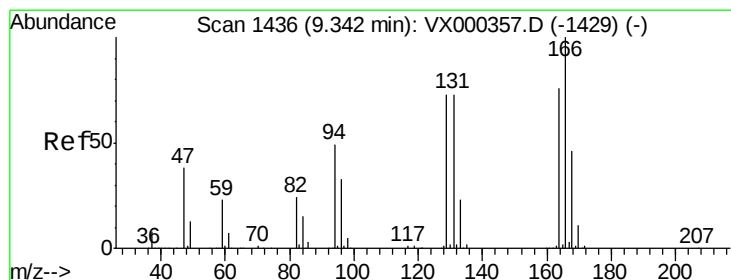
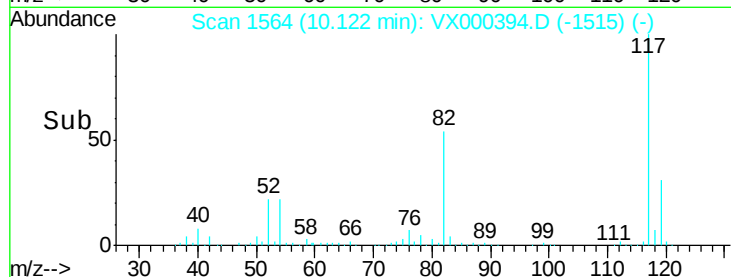
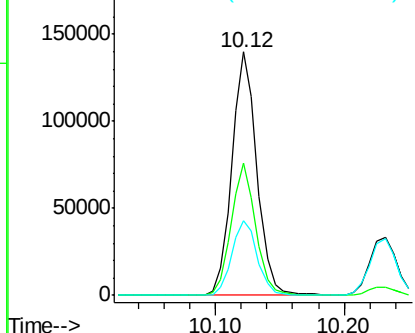
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000394.D
Acq: 21 Mar 2018 19:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 189297
Ion Ratio Lower Upper
117 100
82 54.2 43.8 65.8
119 30.8 24.9 37.3

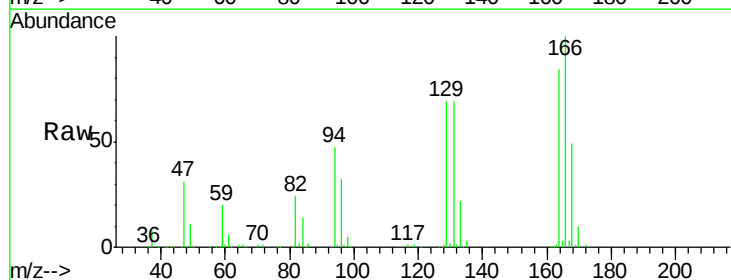


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

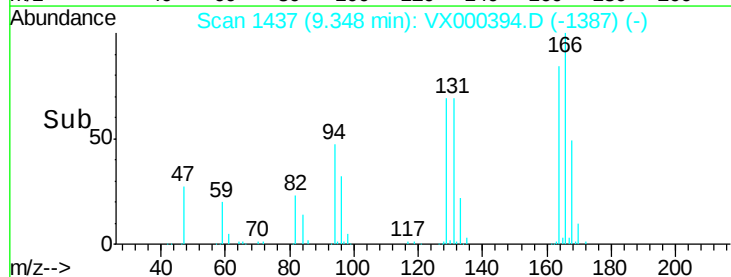
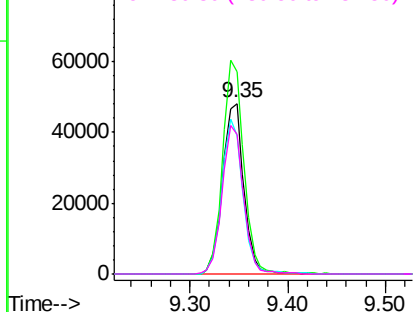


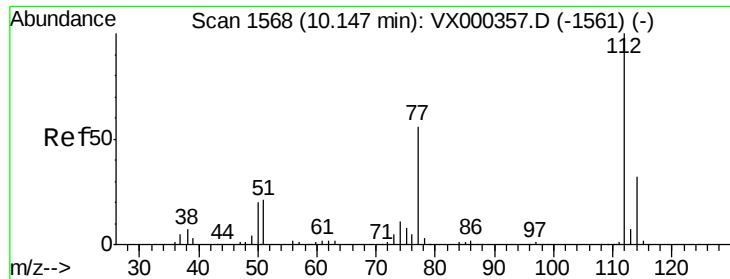
#64
Tetrachloroethene
Concen: 49.79 ug/l
RT: 9.35 min Scan# 1437
Delta R.T. 0.01 min
Lab File: VX000394.D
Acq: 21 Mar 2018 19:00

Tgt Ion:164 Resp: 73140
Ion Ratio Lower Upper
164 100
166 118.4 101.0 151.6
129 81.5 79.0 118.4
131 81.8 71.9 107.9



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

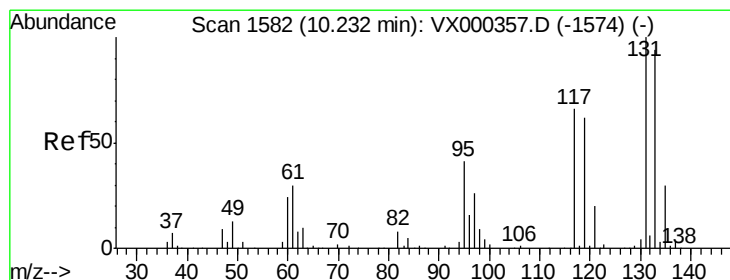
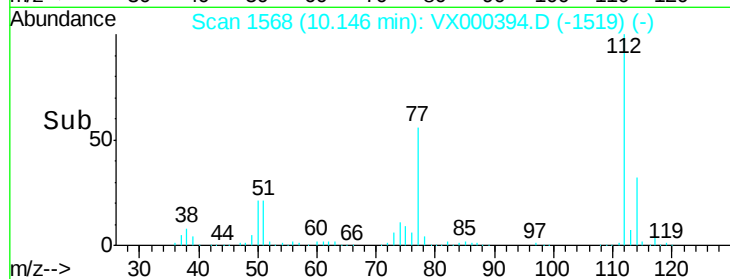
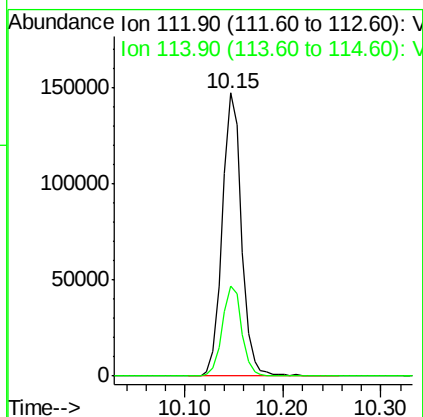
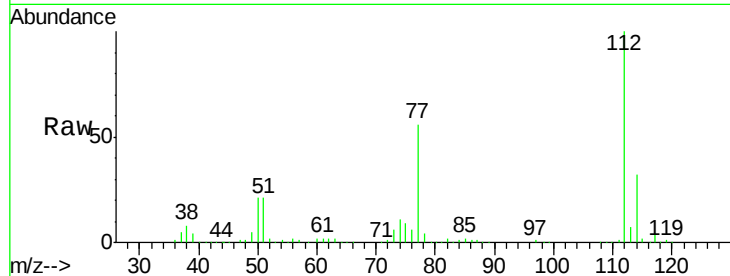




#65
Chlorobenzene
Concen: 47.82 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000394.D
Acq: 21 Mar 2018 19:00

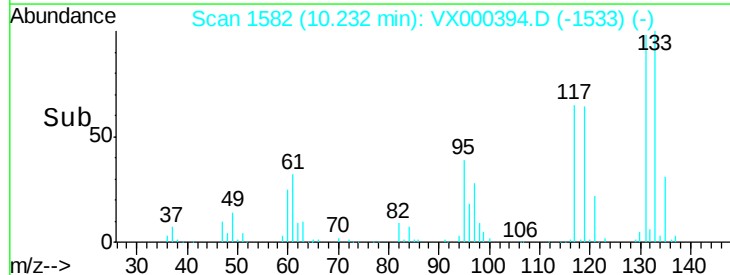
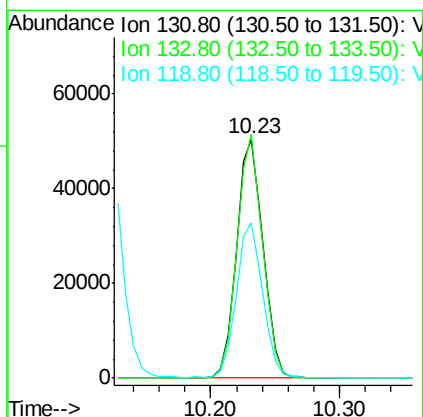
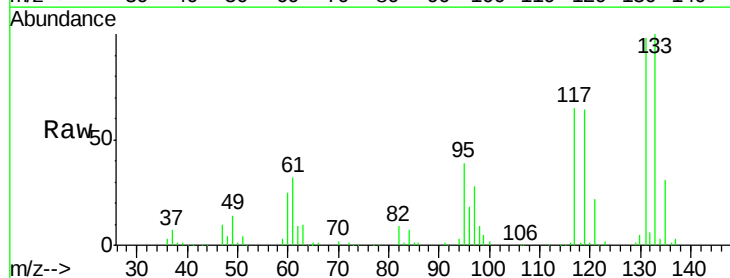
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

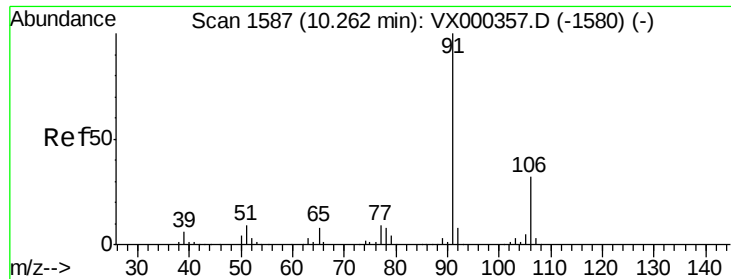
Tgt Ion:112 Resp: 201461
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 50.01 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000394.D
Acq: 21 Mar 2018 19:00

Tgt Ion:131 Resp: 71544
Ion Ratio Lower Upper
131 100
133 98.2 47.1 141.3
119 65.2 33.1 99.2

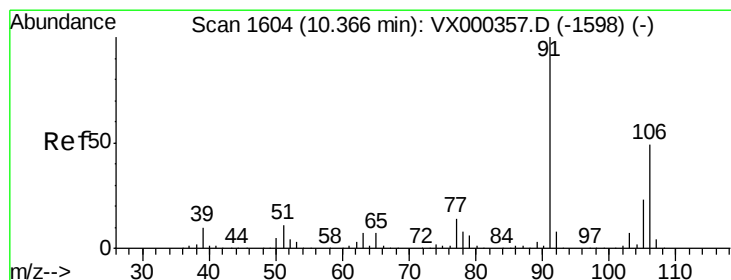
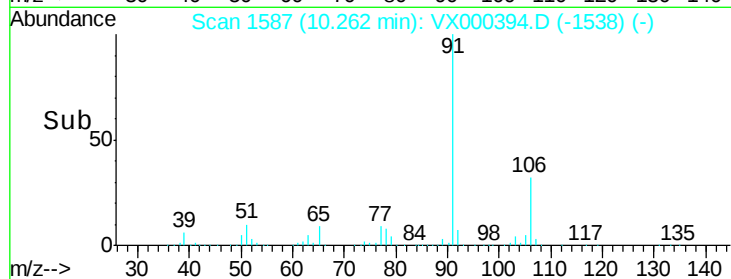
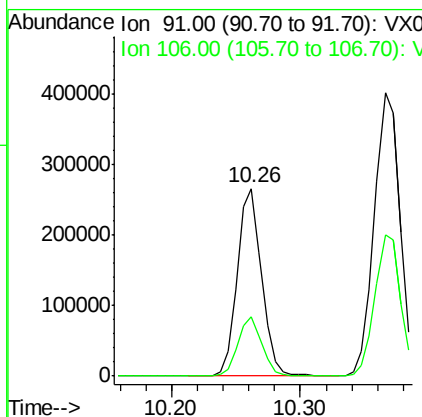
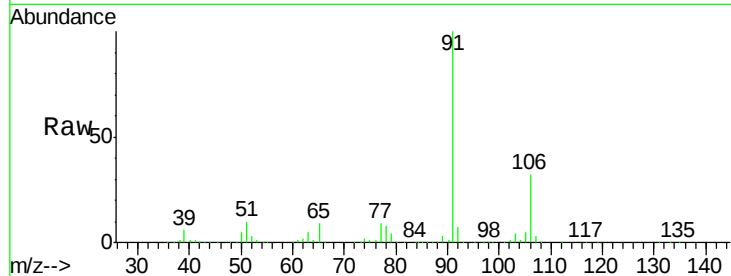




#67
Ethyl Benzene
Concen: 48.94 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. -0.00 min
Lab File: VX000394.D
Acq: 21 Mar 2018 19:00

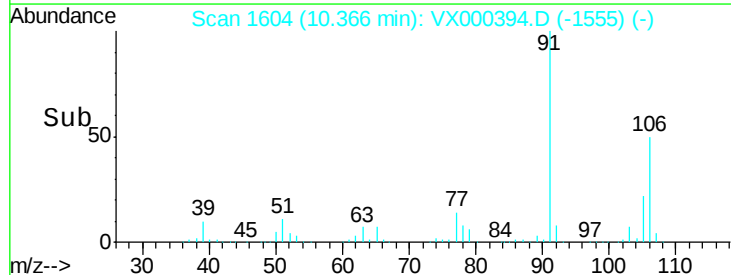
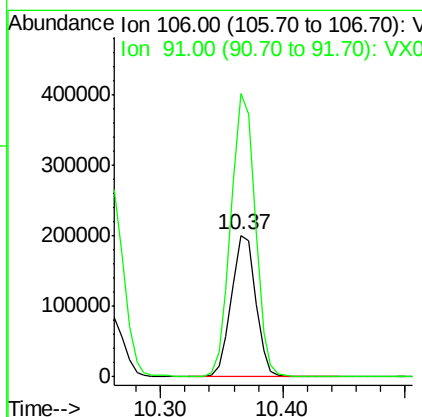
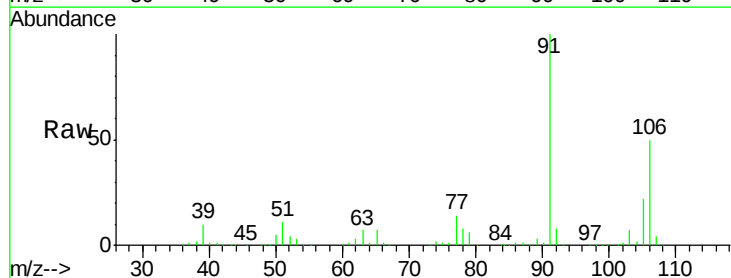
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

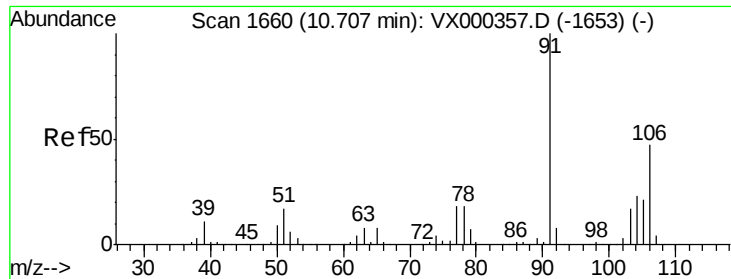
Tgt Ion: 91 Resp: 349520
Ion Ratio Lower Upper
91 100
106 31.6 25.0 37.6



#68
m/p-Xylenes
Concen: 98.22 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000394.D
Acq: 21 Mar 2018 19:00

Tgt Ion: 106 Resp: 275997
Ion Ratio Lower Upper
106 100
91 200.2 163.4 245.2

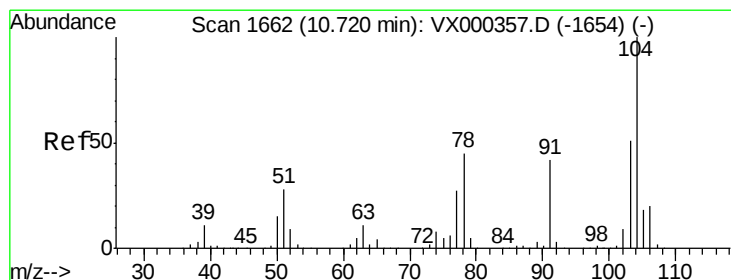
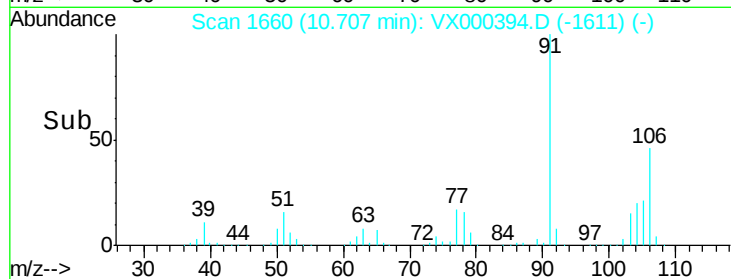
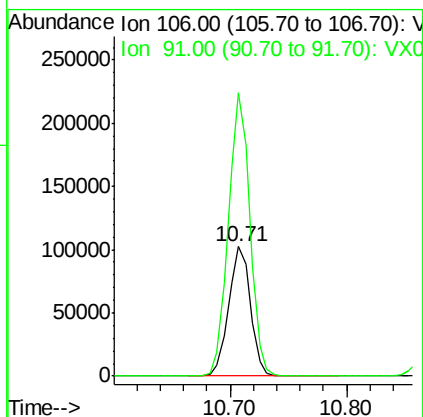
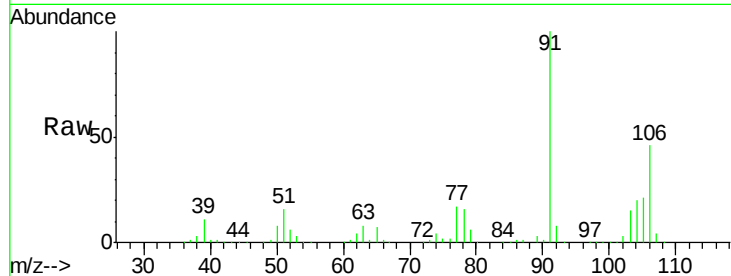




#69
o-Xylene
Concen: 49.16 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000394.D
Acq: 21 Mar 2018 19:00

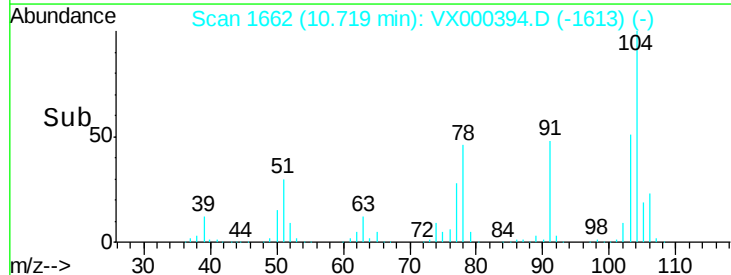
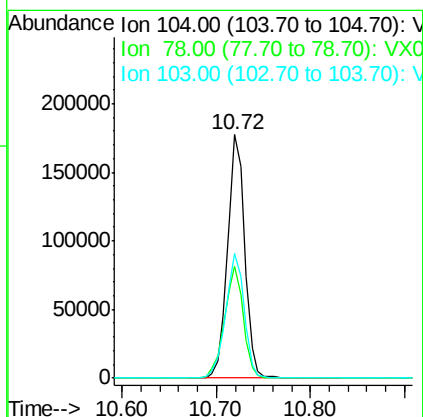
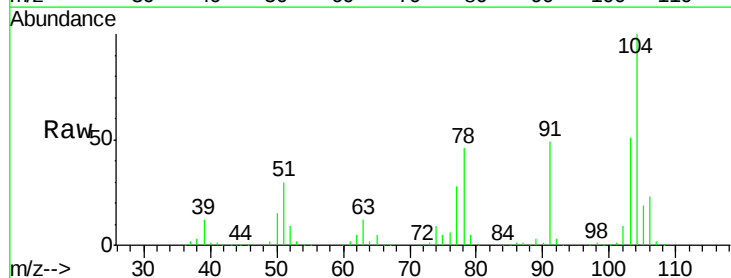
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

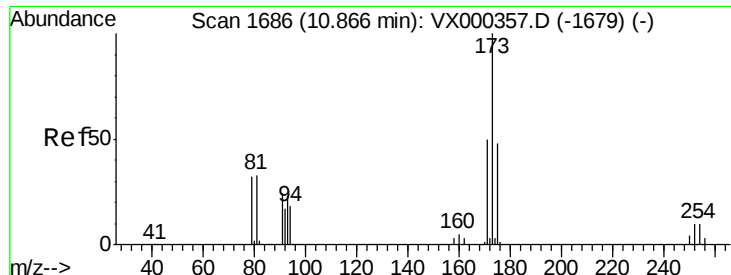
Tgt Ion:106 Resp: 133766
Ion Ratio Lower Upper
106 100
91 215.4 106.5 319.6



#70
Styrene
Concen: 50.09 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000394.D
Acq: 21 Mar 2018 19:00

Tgt Ion:104 Resp: 225509
Ion Ratio Lower Upper
104 100
78 49.9 40.5 60.7
103 55.2 45.7 68.5





#71

Bromoform

Concen: 42.08 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000394.D

Acq: 21 Mar 2018 19:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

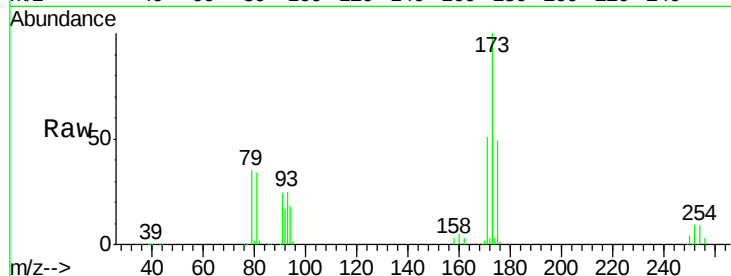
Tgt Ion:173 Resp: 61490

Ion Ratio Lower Upper

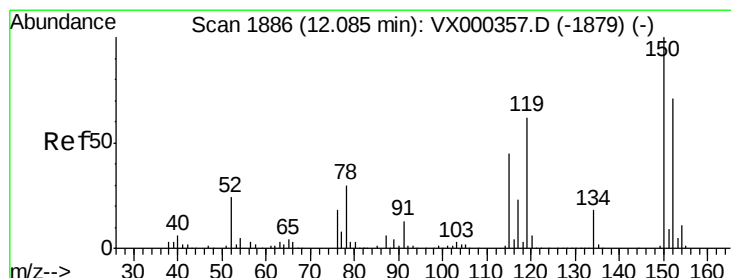
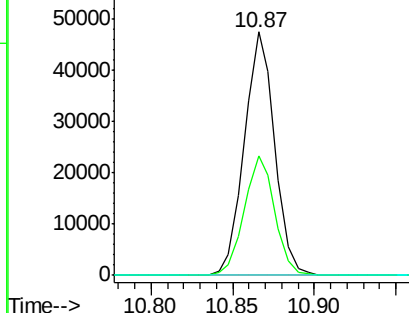
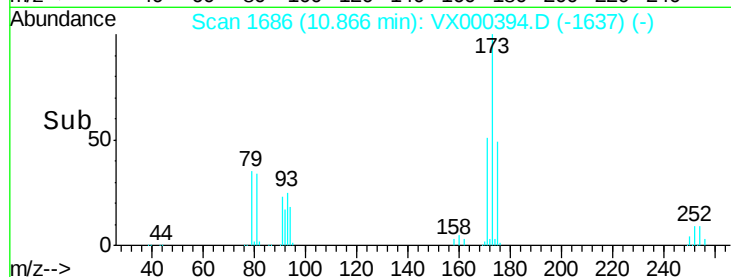
173 100

175 49.2 25.4 76.4

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000394.D

Acq: 21 Mar 2018 19:00

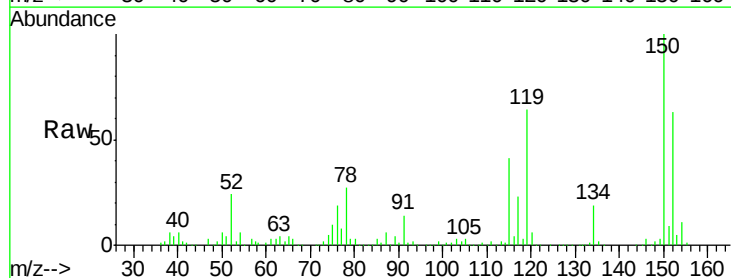
Tgt Ion:152 Resp: 110924

Ion Ratio Lower Upper

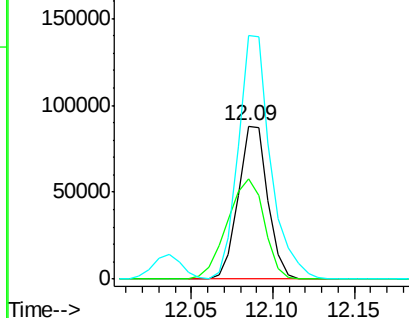
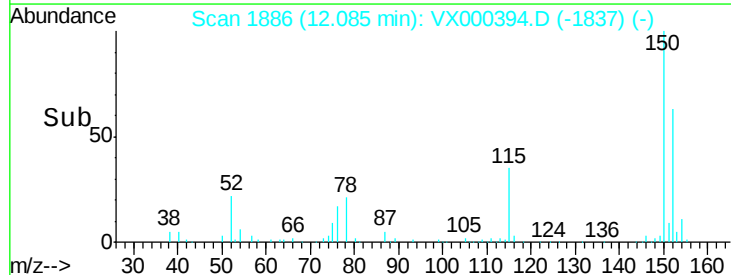
152 100

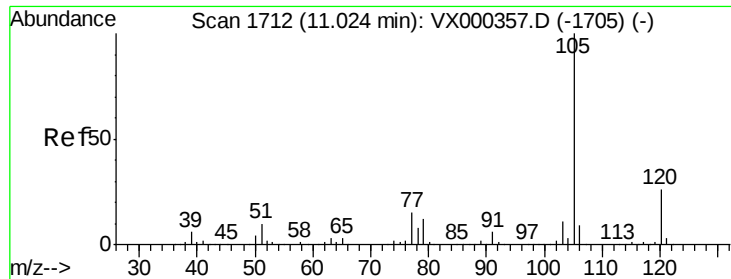
115 82.7 39.8 119.3

150 173.9 0.0 344.4



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





#73

Isopropylbenzene

Concen: 49.60 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000394.D

Acq: 21 Mar 2018 19:00

Instrument :

MSVOA_X

ClientSampleId :

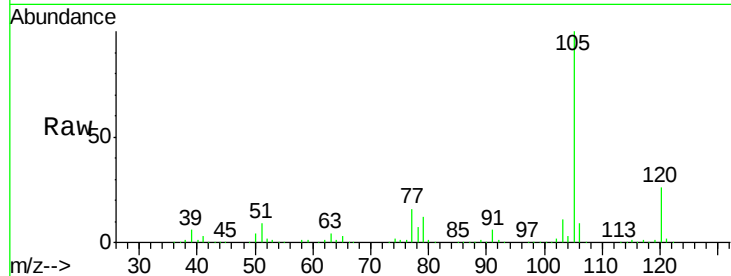
VSTDCCC050EC

Tgt Ion:105 Resp: 364566

Ion Ratio Lower Upper

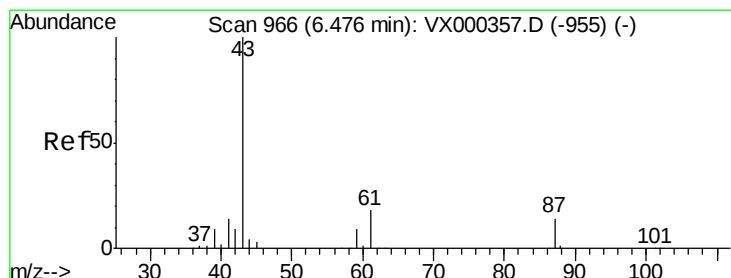
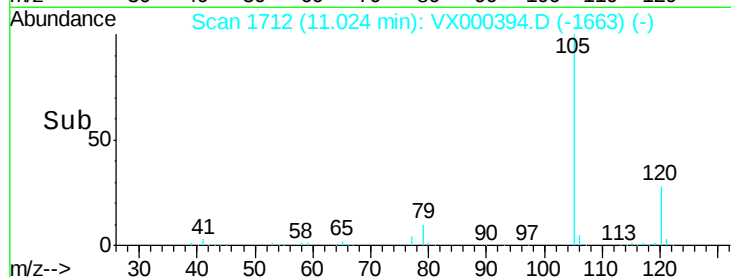
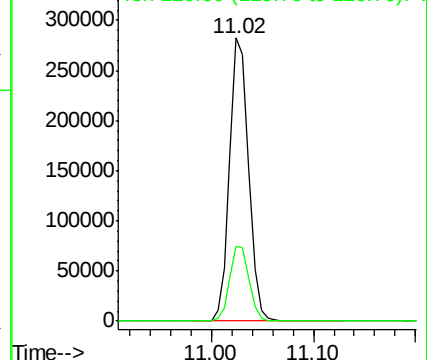
105 100

120 27.0 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 55.99 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX000394.D

Acq: 21 Mar 2018 19:00

Tgt Ion: 43 Resp: 178095

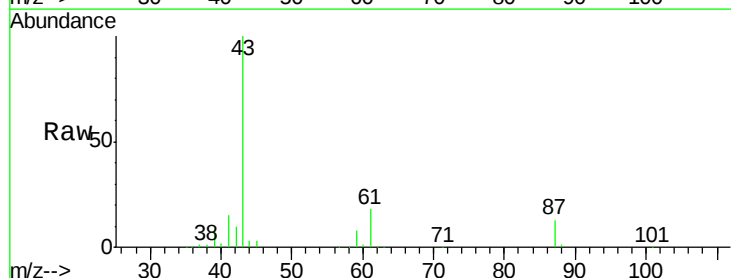
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 18.5 14.4 21.6

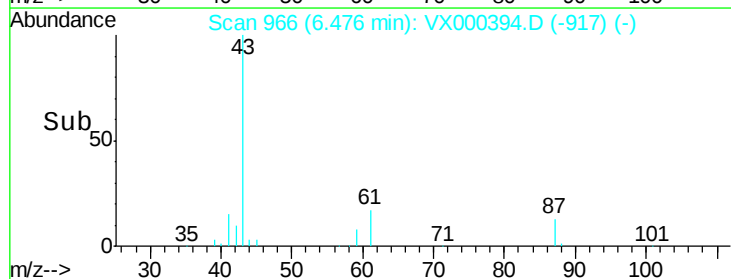
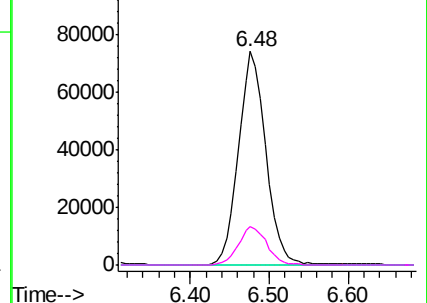


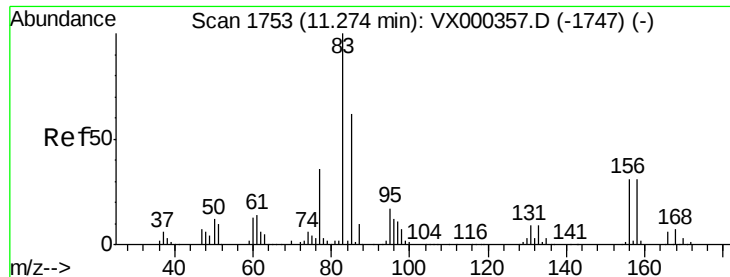
Abundance Ion 43.00 (42.70 to 43.70): VX0

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

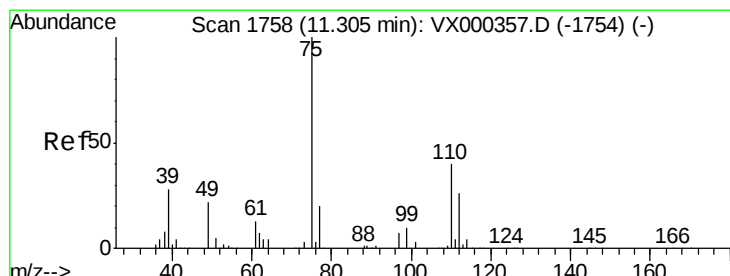
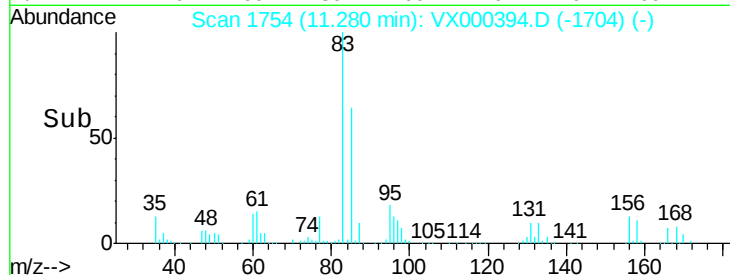
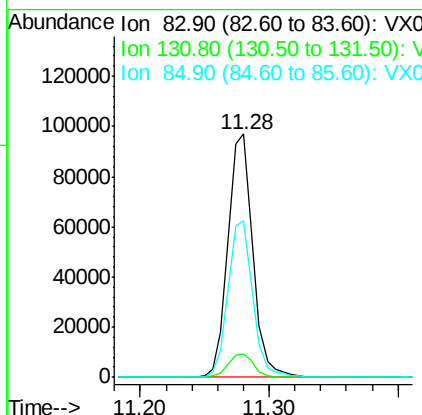
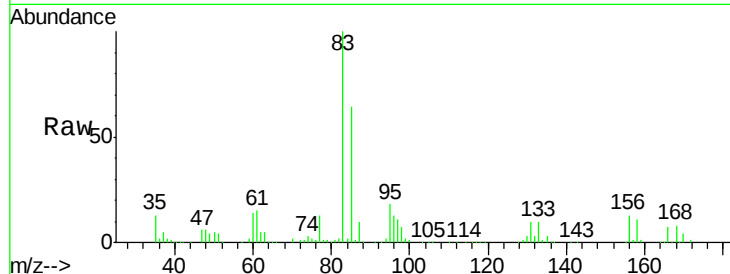




#75
 1,1,2,2-Tetrachloroethane
 Concen: 50.80 ug/l
 RT: 11.28 min Scan# 1754
 Delta R.T. 0.01 min
 Lab File: VX000394.D
 Acq: 21 Mar 2018 19:00

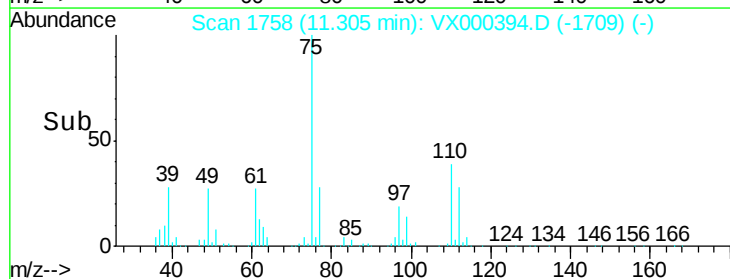
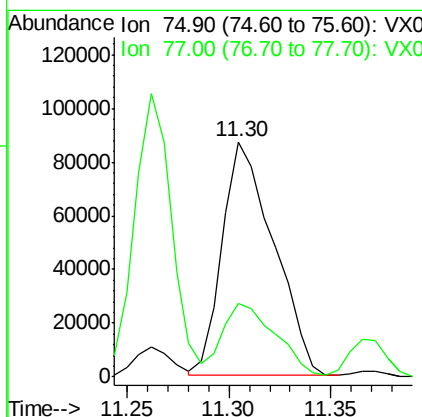
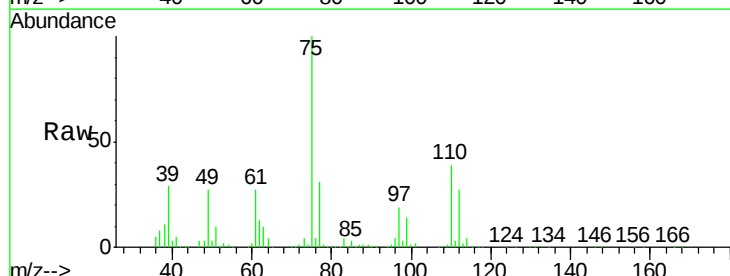
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

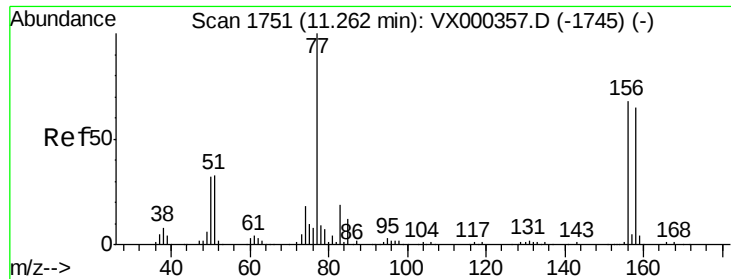
Tgt Ion: 83 Resp: 132049
 Ion Ratio Lower Upper
 83 100
 131 10.1 5.0 14.9
 85 64.5 32.5 97.5



#76
 1,2,3-Trichloropropane
 Concen: 63.98 ug/l
 RT: 11.30 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VX000394.D
 Acq: 21 Mar 2018 19:00

Tgt Ion: 75 Resp: 152532
 Ion Ratio Lower Upper
 75 100
 77 32.6 21.4 64.2

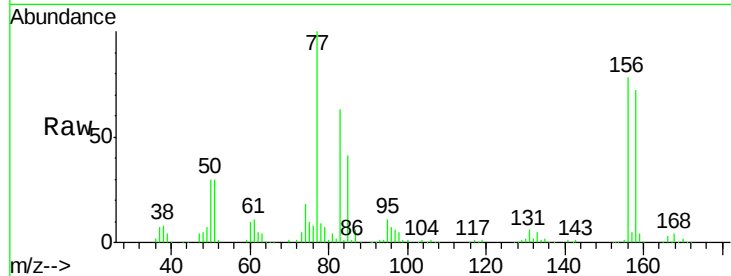




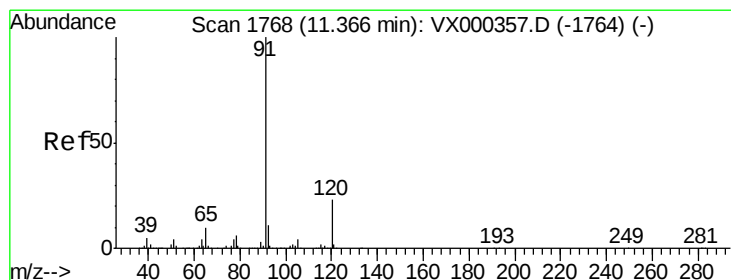
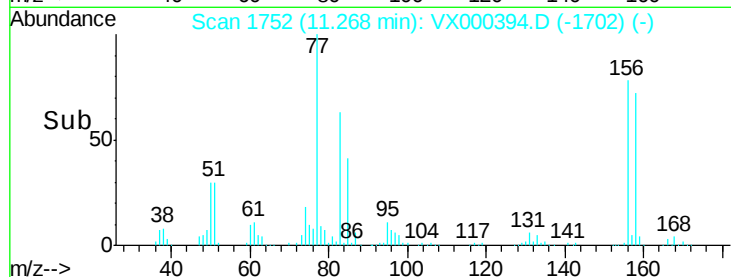
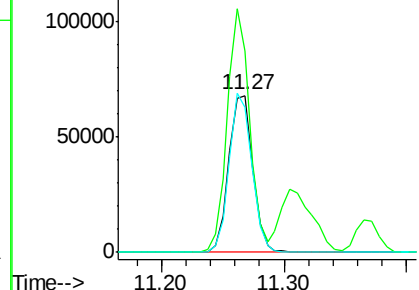
#77
Bromobenzene
Concen: 46.96 ug/l
RT: 11.27 min Scan# 1752
Delta R.T. 0.01 min
Lab File: VX000394.D
Acq: 21 Mar 2018 19:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 91942
Ion Ratio Lower Upper
156 100
77 145.4 73.4 220.2
158 96.2 48.5 145.6

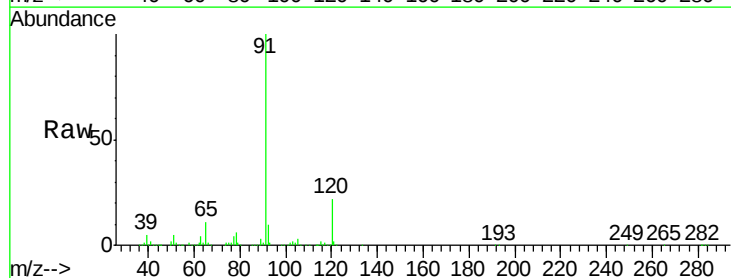


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 157.80 (157.50 to 158.50): V

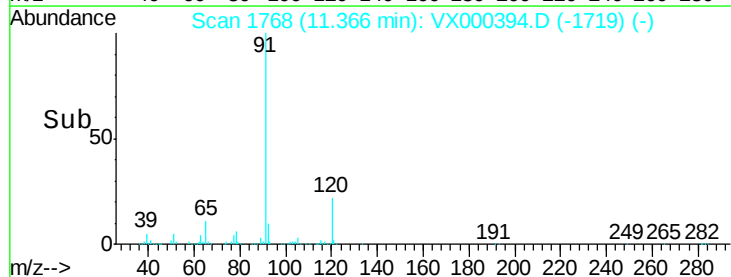
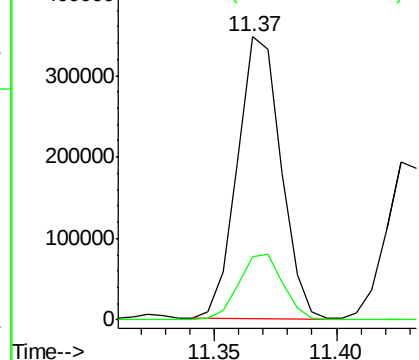


#78
n-propylbenzene
Concen: 49.08 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. -0.00 min
Lab File: VX000394.D
Acq: 21 Mar 2018 19:00

Tgt Ion: 91 Resp: 430087
Ion Ratio Lower Upper
91 100
120 23.6 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V

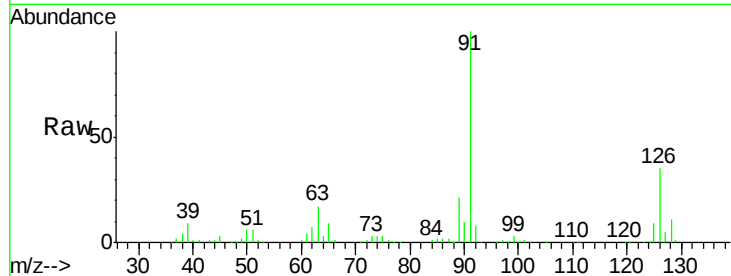




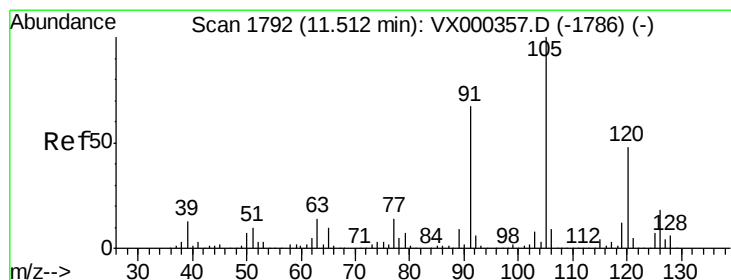
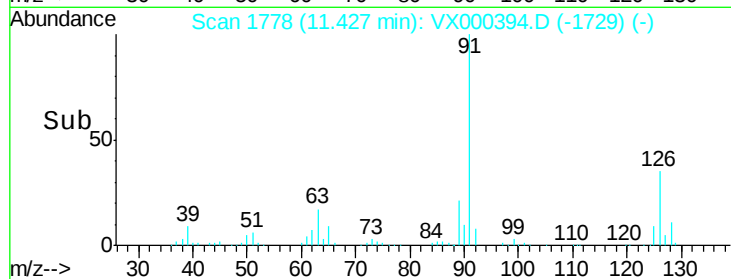
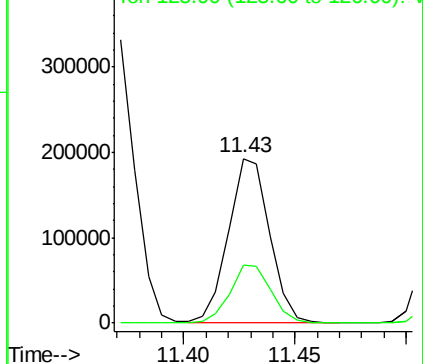
#79
 2-Chlorotoluene
 Concen: 48.87 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX000394.D
 Acq: 21 Mar 2018 19:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 91 Resp: 247396
 Ion Ratio Lower Upper
 91 100
 126 35.3 17.7 53.1

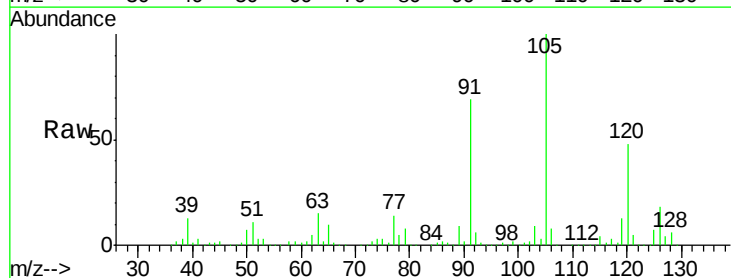


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

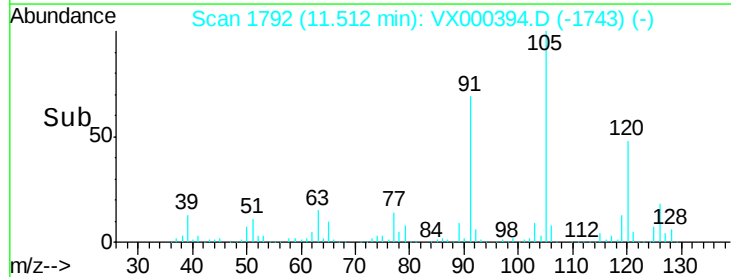
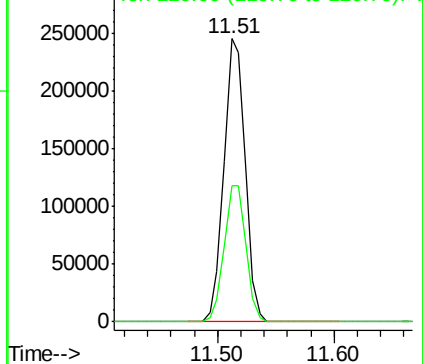


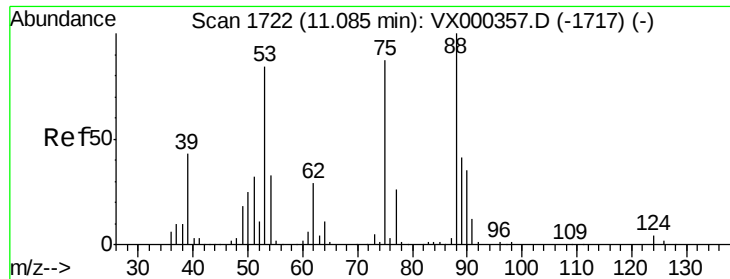
#80
 1,3,5-Trimethylbenzene
 Concen: 50.13 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX000394.D
 Acq: 21 Mar 2018 19:00

Tgt Ion: 105 Resp: 309791
 Ion Ratio Lower Upper
 105 100
 120 49.4 24.1 72.4



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

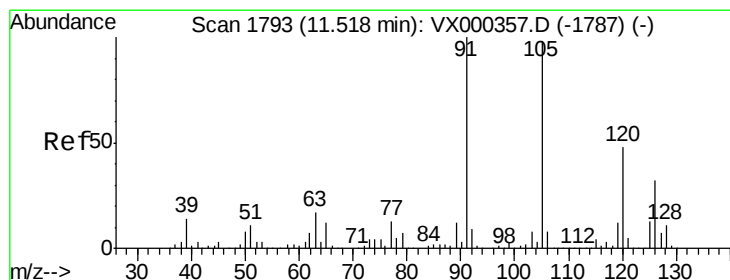
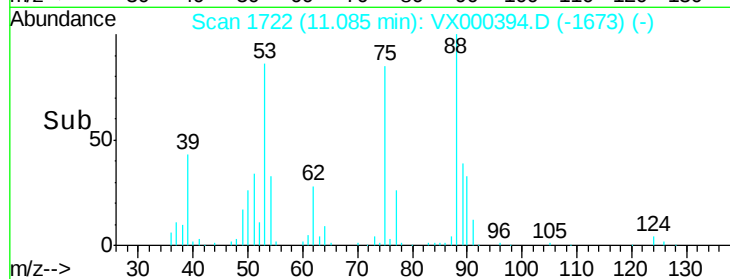
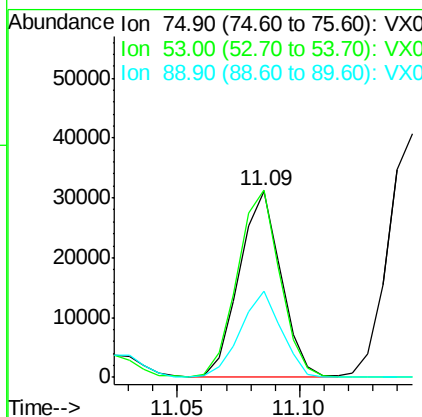
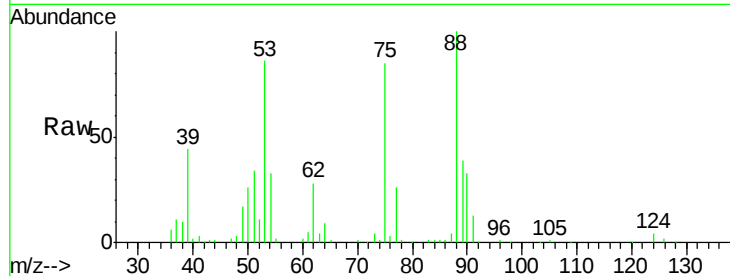




#81
trans-1,4-Dichloro-2-butene
Concen: 49.73 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. -0.00 min
Lab File: VX000394.D
Acq: 21 Mar 2018 19:00

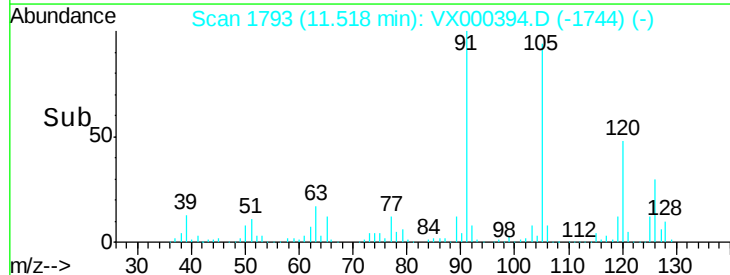
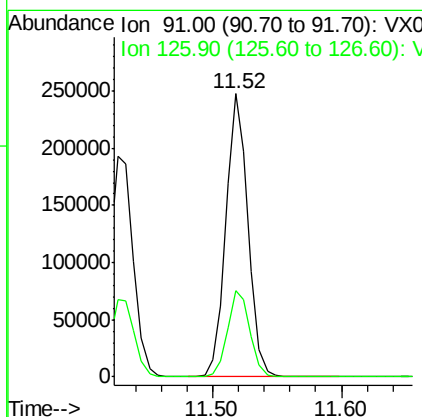
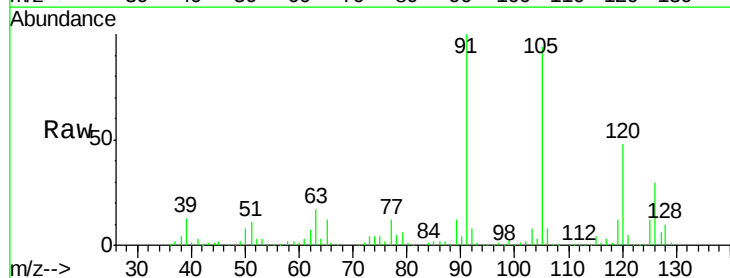
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 36618
Ion Ratio Lower Upper
75 100
53 103.8 80.7 121.1
89 46.0 39.4 59.0



#82
4-Chlorotoluene
Concen: 49.52 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000394.D
Acq: 21 Mar 2018 19:00

Tgt Ion: 91 Resp: 299349
Ion Ratio Lower Upper
91 100
126 30.7 15.4 46.1

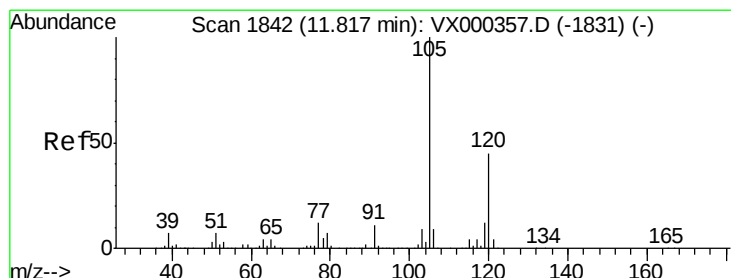
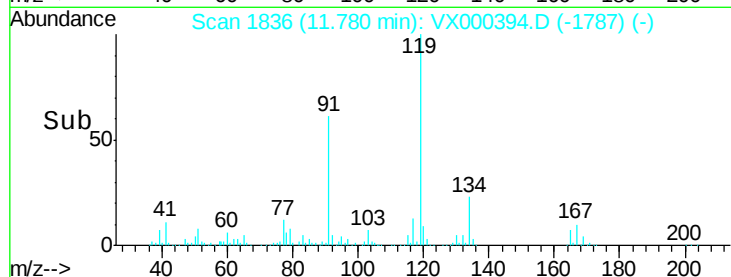
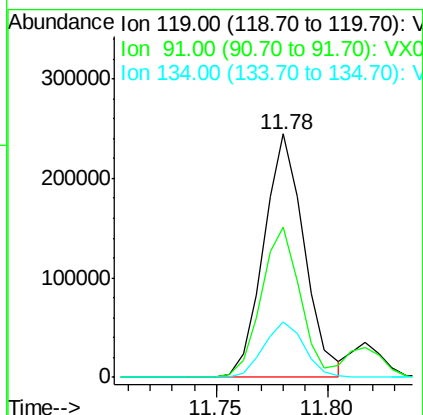
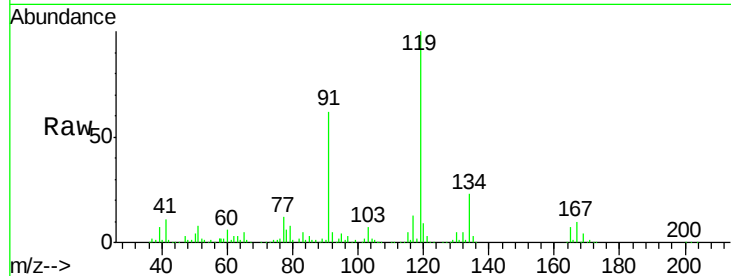




#83
 tert-Butylbenzene
 Concen: 49.72 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000394.D
 Acq: 21 Mar 2018 19:00

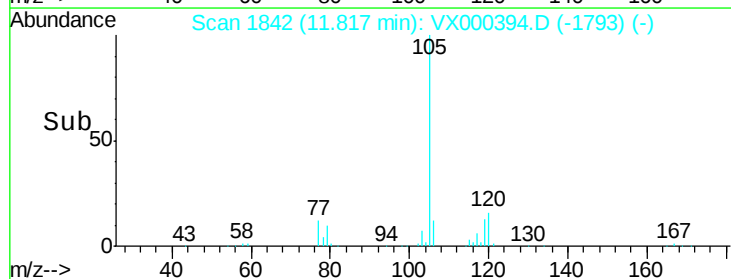
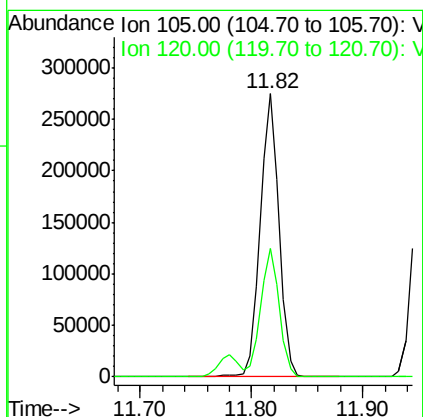
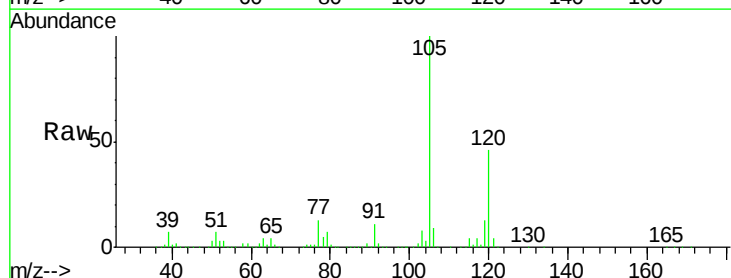
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

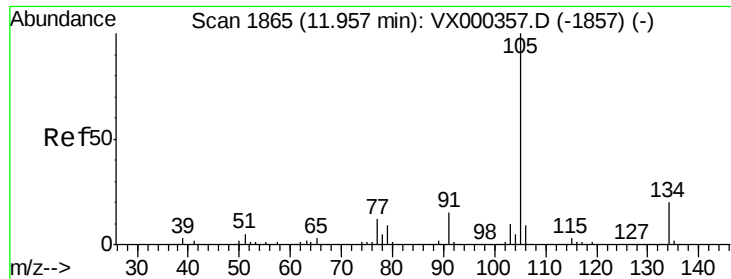
Tgt Ion:119 Resp: 309860
 Ion Ratio Lower Upper
 119 100
 91 58.9 28.8 86.4
 134 22.7 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 50.10 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000394.D
 Acq: 21 Mar 2018 19:00

Tgt Ion:105 Resp: 324623
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.4 67.3

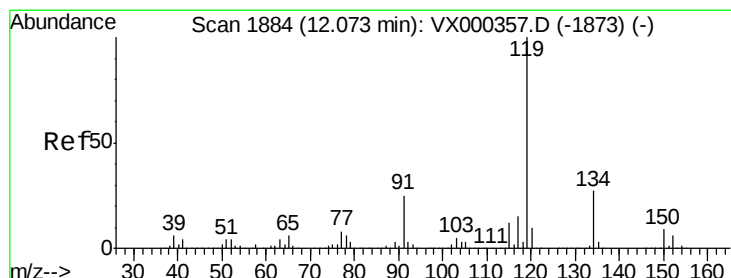
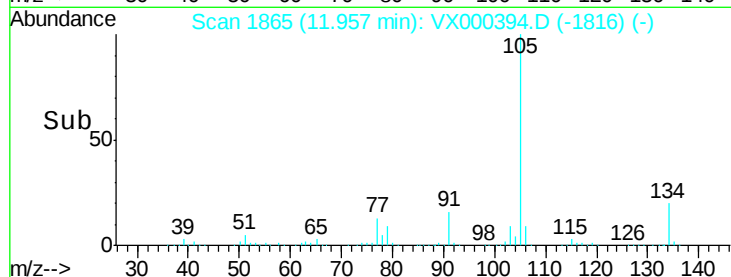
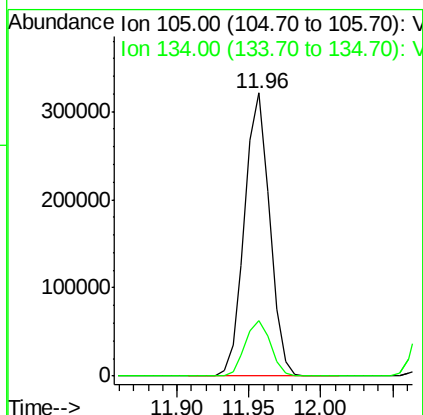
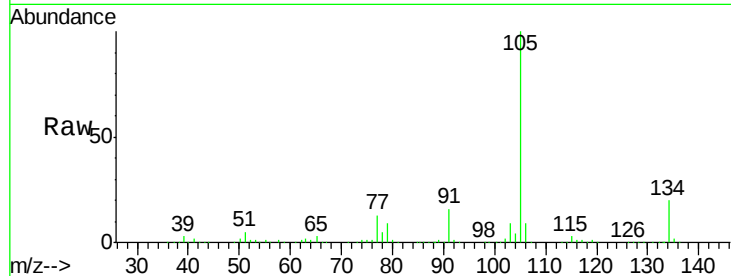




#85
 sec-Butylbenzene
 Concen: 50.31 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VX000394.D
 Acq: 21 Mar 2018 19:00

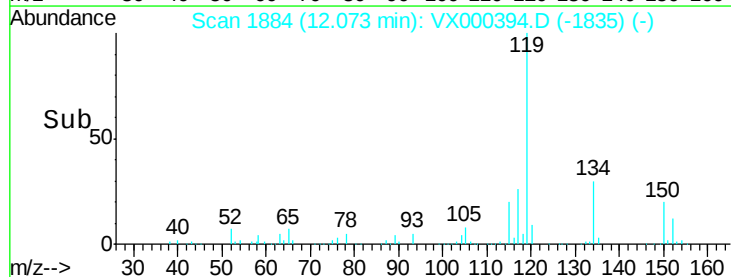
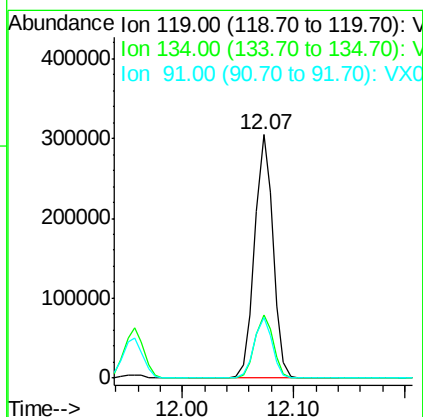
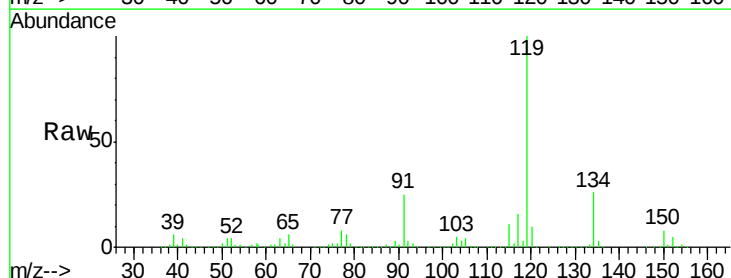
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

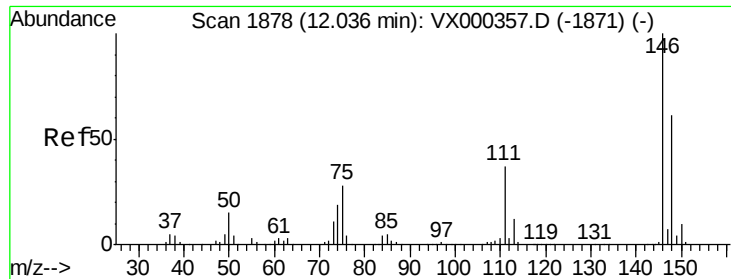
Tgt Ion:105 Resp: 387986
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 51.21 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX000394.D
 Acq: 21 Mar 2018 19:00

Tgt Ion:119 Resp: 350720
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.3 39.9
 91 24.5 12.0 36.1

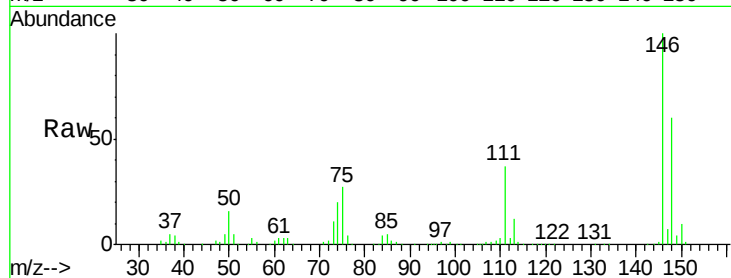




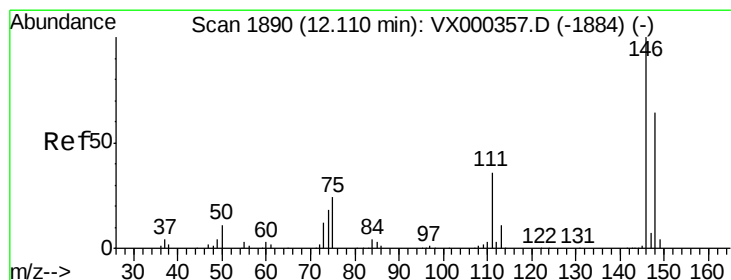
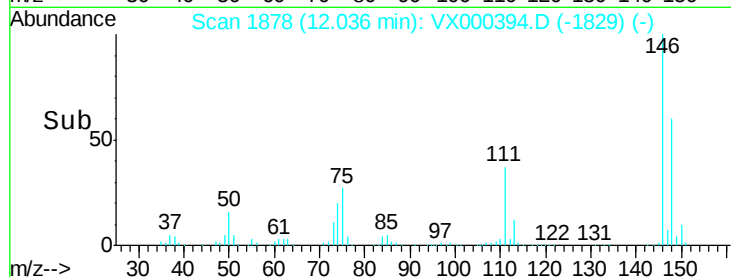
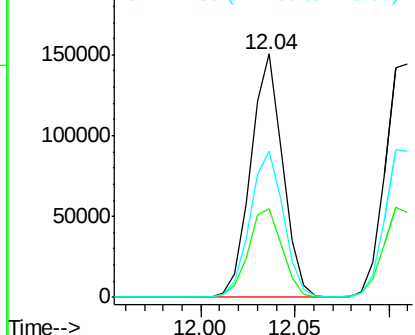
#87
 1,3-Dichlorobenzene
 Concen: 47.92 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000394.D
 Acq: 21 Mar 2018 19:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:146 Resp: 177408
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.5 58.5
 148 62.7 32.4 97.0

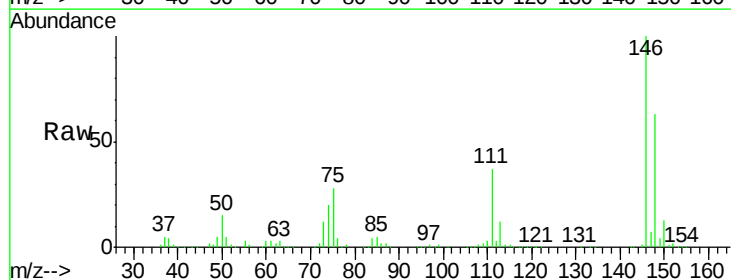


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

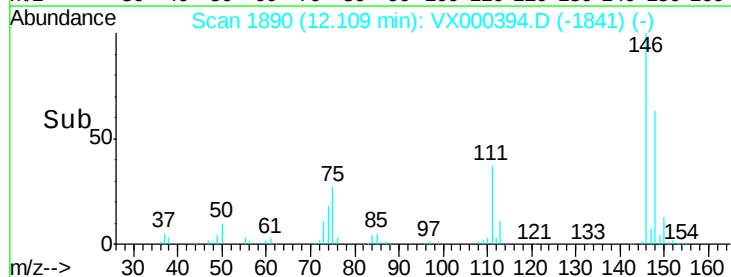
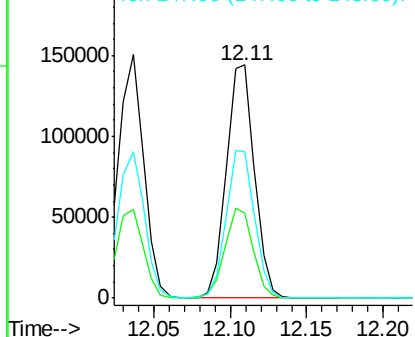


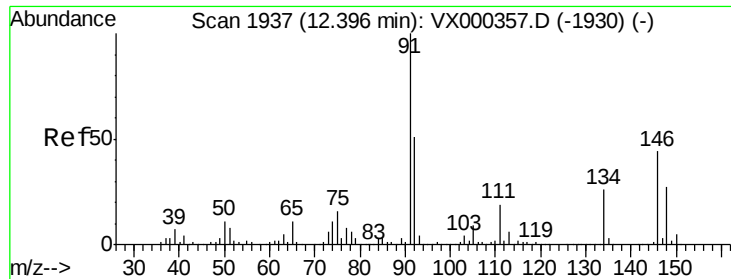
#88
 1,4-Dichlorobenzene
 Concen: 47.29 ug/l
 RT: 12.11 min Scan# 1890
 Delta R.T. -0.00 min
 Lab File: VX000394.D
 Acq: 21 Mar 2018 19:00

Tgt Ion:146 Resp: 183783
 Ion Ratio Lower Upper
 146 100
 111 38.5 18.9 56.9
 148 64.0 31.0 93.0



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

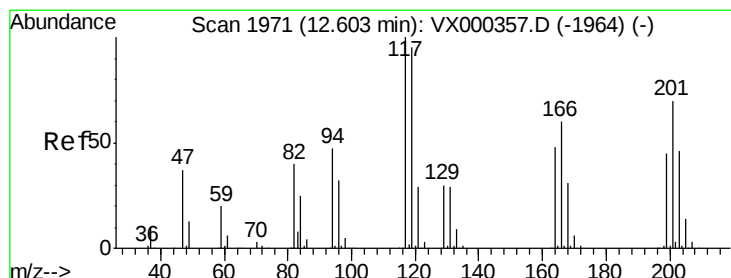
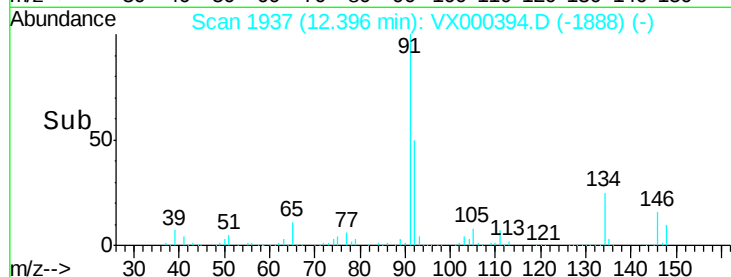
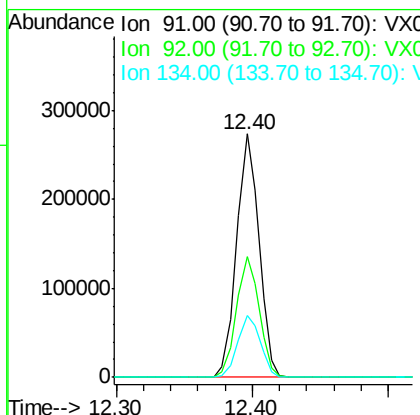
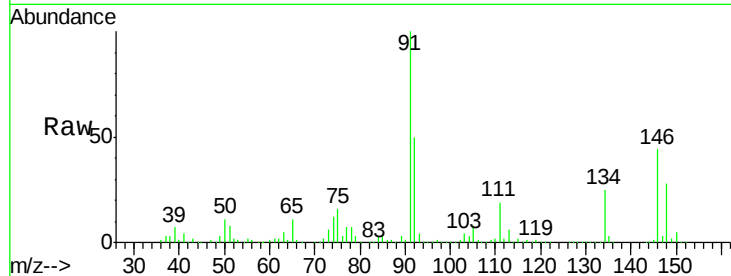




#89
n-Butylbenzene
Concen: 49.10 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000394.D
Acq: 21 Mar 2018 19:00

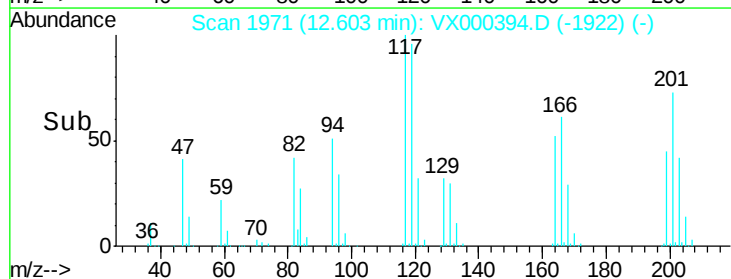
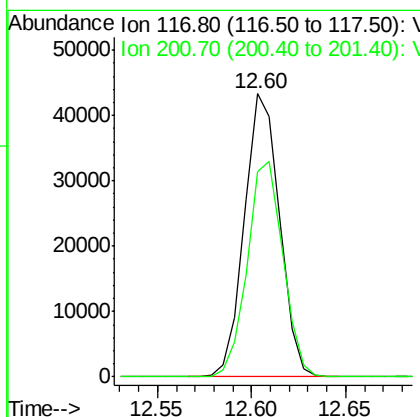
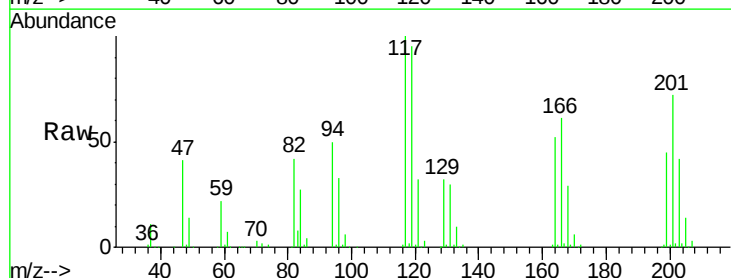
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 313126
Ion Ratio Lower Upper
91 100
92 50.6 25.9 77.8
134 25.8 13.1 39.3



#90
Hexachloroethane
Concen: 52.01 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000394.D
Acq: 21 Mar 2018 19:00

Tgt Ion: 117 Resp: 56064
Ion Ratio Lower Upper
117 100
201 77.1 37.9 113.6

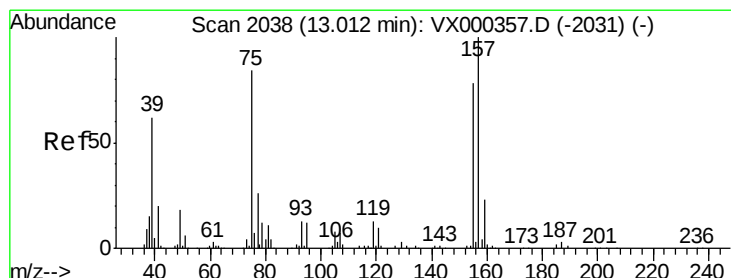
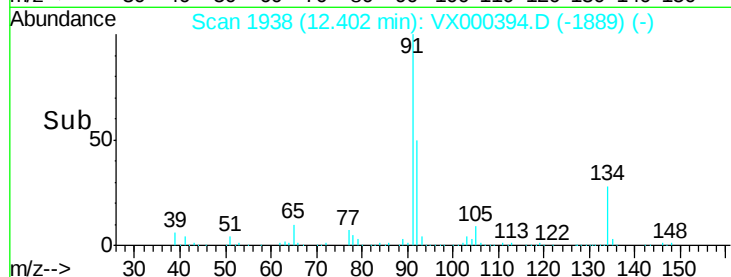
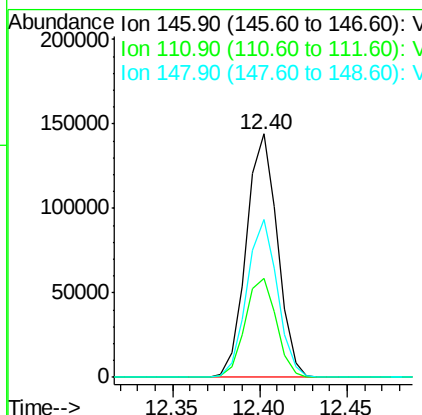
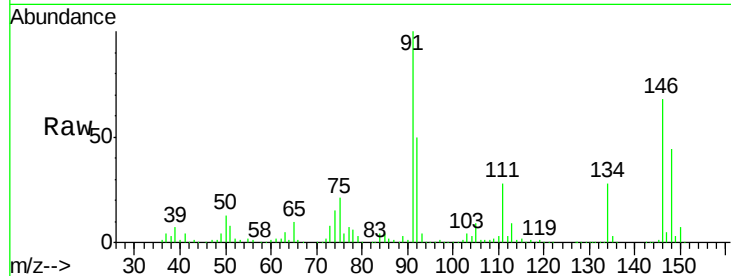




#91
 1,2-Dichlorobenzene
 Concen: 49.09 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VX000394.D
 Acq: 21 Mar 2018 19:00

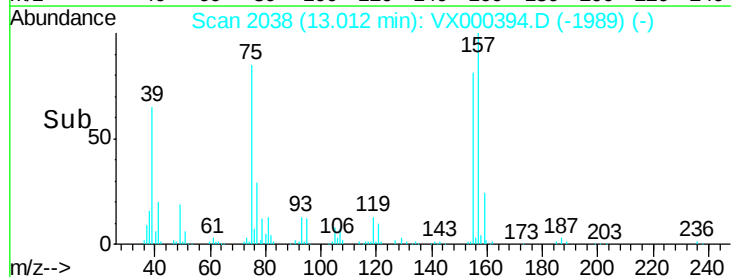
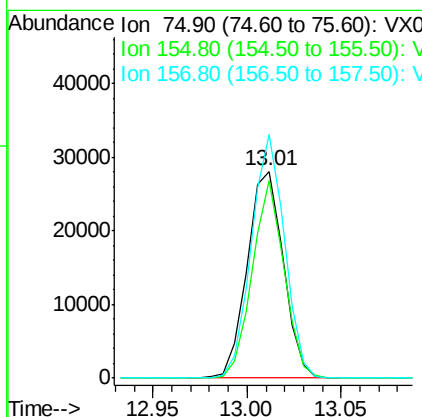
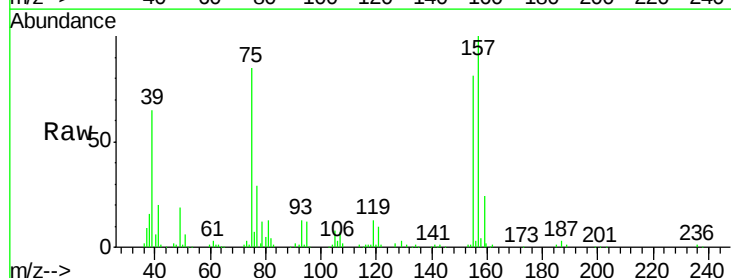
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

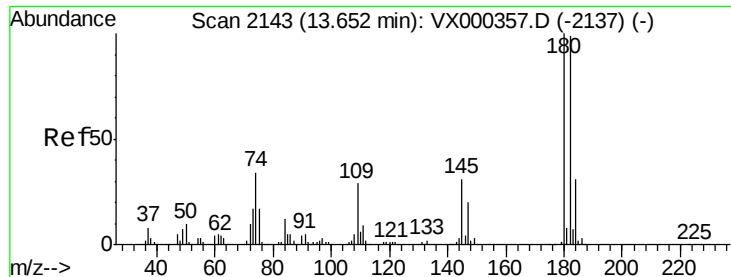
Tgt Ion: 146 Resp: 178165
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.1 60.2
 148 63.9 31.2 93.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.43 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. -0.00 min
 Lab File: VX000394.D
 Acq: 21 Mar 2018 19:00

Tgt Ion: 75 Resp: 37282
 Ion Ratio Lower Upper
 75 100
 155 84.4 45.0 134.8
 157 108.3 58.1 174.2

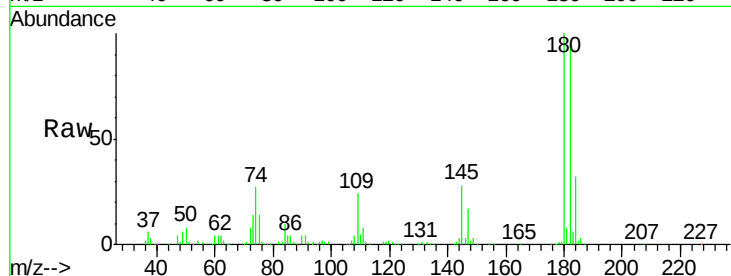




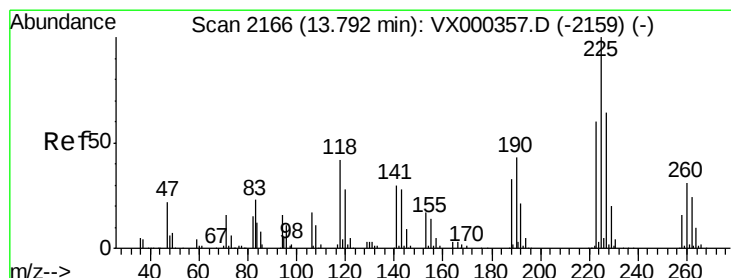
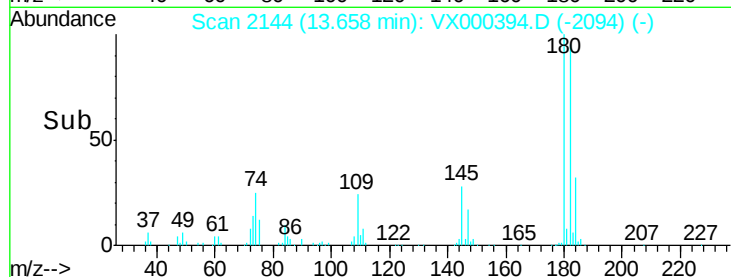
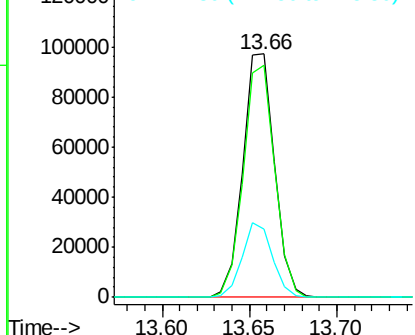
#93
1,2,4-Trichlorobenzene
Concen: 46.88 ug/l
RT: 13.66 min Scan# 2144
Delta R.T. 0.01 min
Lab File: VX000394.D
Acq: 21 Mar 2018 19:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:180 Resp: 121978
Ion Ratio Lower Upper
180 100
182 94.5 47.6 142.9
145 29.3 15.1 45.3

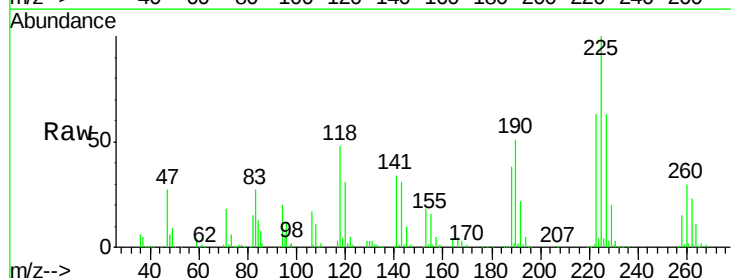


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

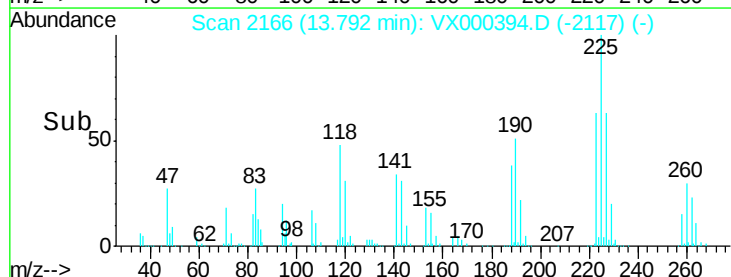
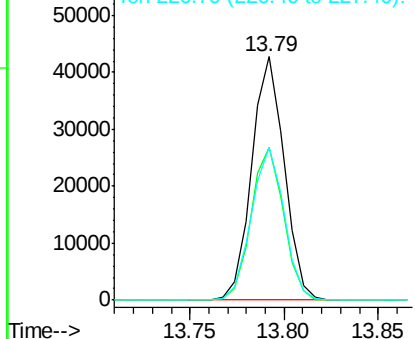


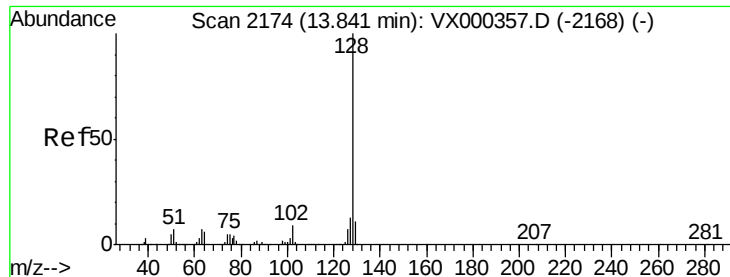
#94
Hexachlorobutadiene
Concen: 47.44 ug/l
RT: 13.79 min Scan# 2166
Delta R.T. -0.00 min
Lab File: VX000394.D
Acq: 21 Mar 2018 19:00

Tgt Ion:225 Resp: 51108
Ion Ratio Lower Upper
225 100
223 62.7 32.0 96.0
227 63.3 32.6 98.0



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

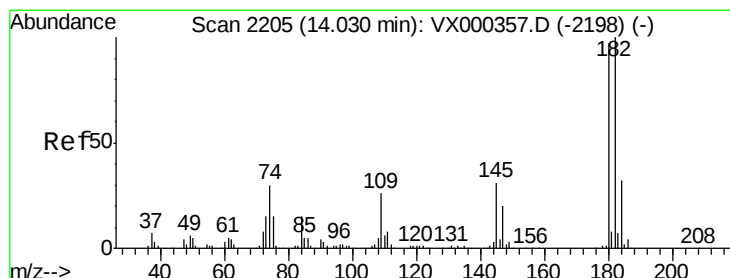
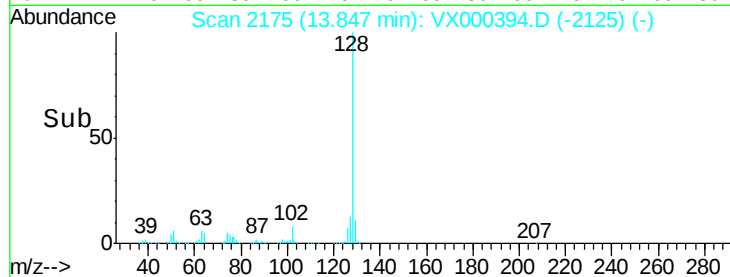
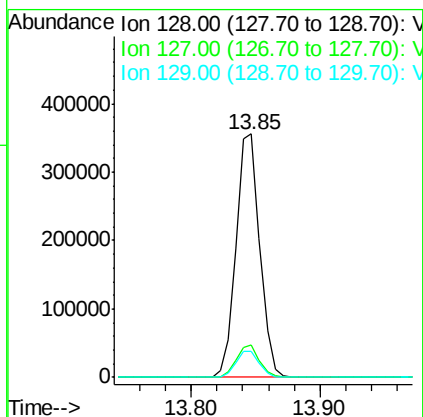
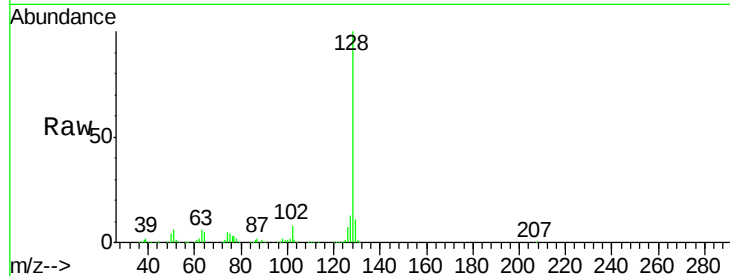




#95
Naphthalene
Concen: 50.16 ug/l
RT: 13.85 min Scan# 2175
Delta R.T. 0.01 min
Lab File: VX000394.D
Acq: 21 Mar 2018 19:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 454604
Ion Ratio Lower Upper
128 100
127 12.8 10.6 15.8
129 10.7 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 47.65 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. -0.00 min
Lab File: VX000394.D
Acq: 21 Mar 2018 19:00

Tgt Ion:180 Resp: 122509
Ion Ratio Lower Upper
180 100
182 94.6 47.4 142.3
145 31.3 15.8 47.3

