

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX041218\
 Data File : VX000794.D
 Acq On : 12 Apr 2018 11:09
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 13 06:51:25 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	311177	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	402792	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	382701	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	265266	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	180109	45.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.80%	
35) Dibromofluoromethane	5.51	113	156231	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	
50) Toluene-d8	8.72	98	572749	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	
62) 4-Bromofluorobenzene	11.14	95	235364	49.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	160836	45.79	ug/l	99
3) Chloromethane	1.32	50	121418	40.32	ug/l	100
4) Vinyl Chloride	1.41	62	149760	44.21	ug/l	98
5) Bromomethane	1.64	94	59052	41.89	ug/l	99
6) Chloroethane	1.73	64	88140	42.93	ug/l	100
7) Trichlorofluoromethane	1.93	101	233278	45.64	ug/l	98
8) Diethyl Ether	2.19	74	84031	44.01	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	140609	46.66	ug/l	99
10) Methyl Iodide	2.51	142	68229	32.53	ug/l	97
11) Tert butyl alcohol	3.07	59	147541	211.80	ug/l	99
12) 1,1-Dichloroethene	2.38	96	125873	44.07	ug/l	99
13) Acrolein	2.30	56	39627	117.14	ug/l	100
14) Allyl chloride	2.73	41	230707	43.69	ug/l	100
15) Acrylonitrile	3.15	53	328990	221.52	ug/l	100
16) Acetone	2.45	43	297549	219.91	ug/l	99
17) Carbon Disulfide	2.57	76	360511	41.69	ug/l	100
18) Methyl Acetate	2.78	43	158010	45.13	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	432747	45.49	ug/l	100
20) Methylene Chloride	2.86	84	134359	42.69	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	135760	43.11	ug/l	97
22) Diisopropyl ether	3.87	45	426143	43.91	ug/l	94
23) Vinyl Acetate	3.83	43	1864109	218.77	ug/l	100
24) 1,1-Dichloroethane	3.70	63	240396	44.14	ug/l	99
25) 2-Butanone	4.71	43	493507	220.87	ug/l	98
26) 2,2-Dichloropropane	4.59	77	240639	44.52	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	157959	44.20	ug/l	99
28) Bromochloromethane	5.03	49	104670	47.73	ug/l	99
29) Tetrahydrofuran	5.17	42	307392	216.67	ug/l	100
30) Chloroform	5.23	83	260667	45.21	ug/l	100
31) Cyclohexane	5.59	56	229852	44.44	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	245938	44.77	ug/l	100
36) 1,1-Dichloropropene	5.81	75	198021	44.64	ug/l	99
37) Ethyl Acetate	4.87	43	194994	45.03	ug/l	100
38) Carbon Tetrachloride	5.79	117	226556	45.63	ug/l	96

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 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	250074	46.94	ug/l	100
40) Benzene	6.15	78	566378	45.95	ug/l	100
41) Methacrylonitrile	5.07	41	114300	45.69	ug/l	100
42) 1,2-Dichloroethane	6.20	62	211456	45.93	ug/l	99
43) Isopropyl Acetate	6.47	43	334471	45.05	ug/l	100
44) Trichloroethene	7.22	130	178882	46.66	ug/l	96
45) 1,2-Dichloropropane	7.52	63	146086	46.54	ug/l	96
46) Dibromomethane	7.67	93	100812	46.07	ug/l	99
47) Bromodichloromethane	7.90	83	205467	46.52	ug/l	98
48) Methyl methacrylate	7.78	41	175446	45.59	ug/l	99
49) 1,4-Dioxane	7.76	88	67585	873.87	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	993368	227.77	ug/l	100
52) Toluene	8.79	92	373950	45.73	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	250468	47.28	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	240211	46.57	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	149599	46.08	ug/l	99
56) Ethyl methacrylate	9.19	69	229909	45.91	ug/l	99
57) 1,3-Dichloropropane	9.38	76	242237	46.94	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	545726	233.24	ug/l	100
59) 2-Hexanone	9.51	43	772701	229.50	ug/l	100
60) Dibromochloromethane	9.59	129	181825	46.81	ug/l	99
61) 1,2-Dibromoethane	9.68	107	159773	46.39	ug/l	99
64) Tetrachloroethene	9.34	164	176278	47.11	ug/l	99
65) Chlorobenzene	10.15	112	445875	46.31	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	168642	46.54	ug/l	100
67) Ethyl Benzene	10.26	91	745200	46.43	ug/l	100
68) m/p-Xylenes	10.37	106	589379	93.03	ug/l	100
69) o-Xylene	10.71	106	284383	46.57	ug/l	100
70) Styrene	10.72	104	480168	46.64	ug/l	100
71) Bromoform	10.87	173	157408	46.92	ug/l	99
73) Isopropylbenzene	11.02	105	777989	46.23	ug/l	100
74) N-amyl acetate	6.47	43	334471	44.14	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	218784	44.80	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	266238	58.20	ug/l	85
77) Bromobenzene	11.26	156	222604	45.14	ug/l	100
78) n-propylbenzene	11.37	91	888542	46.16	ug/l	100
79) 2-Chlorotoluene	11.43	91	514543	45.23	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	665360	45.97	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	74218	44.63	ug/l	100
82) 4-Chlorotoluene	11.52	91	624292	45.46	ug/l	100
83) tert-Butylbenzene	11.77	119	684123	46.20	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	683984	45.78	ug/l	100
85) sec-Butylbenzene	11.95	105	806635	46.18	ug/l	100
86) p-Isopropyltoluene	12.07	119	754503	46.32	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	415830	45.55	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	423404	45.26	ug/l	100
89) n-Butylbenzene	12.40	91	673647	46.86	ug/l	100
90) Hexachloroethane	12.60	117	127562	46.28	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	404148	45.86	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	52297	42.74	ug/l	99

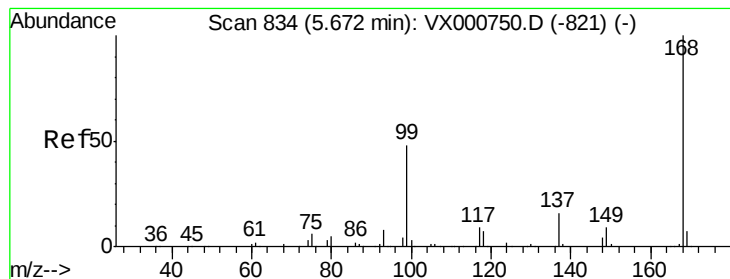
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX041218\
Data File : VX000794.D
Acq On : 12 Apr 2018 11:09
Operator : JC/MD
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Quant Title : SW846 8260
QLast Update : Tue Apr 10 15:49:28 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	348463	46.34	ug/l	99
94) Hexachlorobutadiene	13.79	225	182336	49.31	ug/l	100
95) Naphthalene	13.84	128	888289	46.02	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	340547	46.63	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX000794.D

Acq: 12 Apr 2018 11:09

Instrument :

MSVOA_X

ClientSampleId :

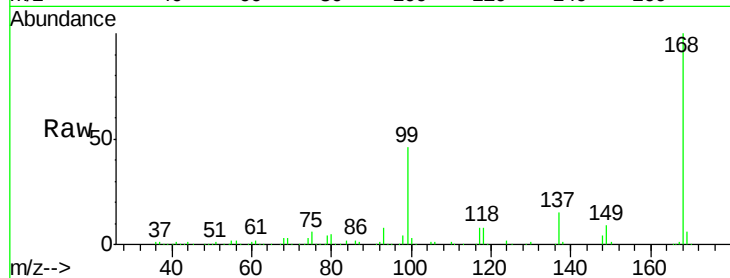
VSTDCCC050

Tgt Ion:168 Resp: 311177

Ion Ratio Lower Upper

168 100

99 46.0 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

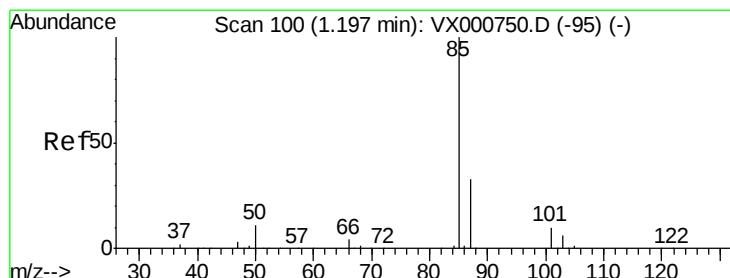
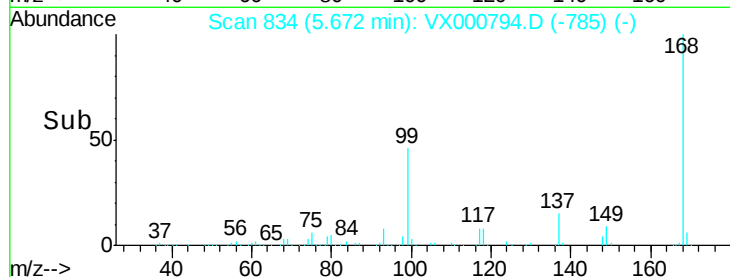
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 45.79 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000794.D

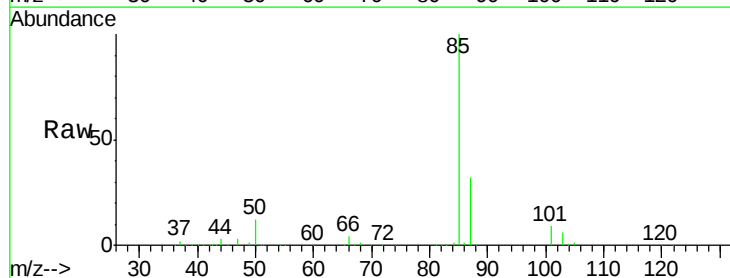
Acq: 12 Apr 2018 11:09

Tgt Ion: 85 Resp: 160836

Ion Ratio Lower Upper

85 100

87 32.1 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

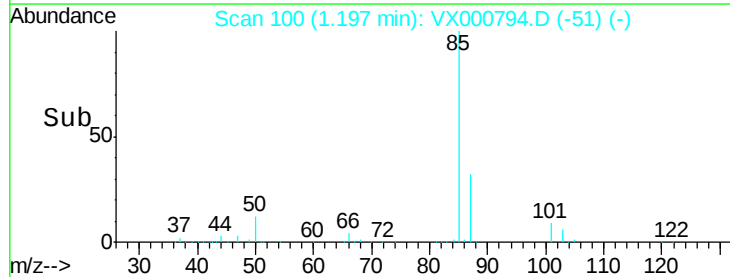
150000

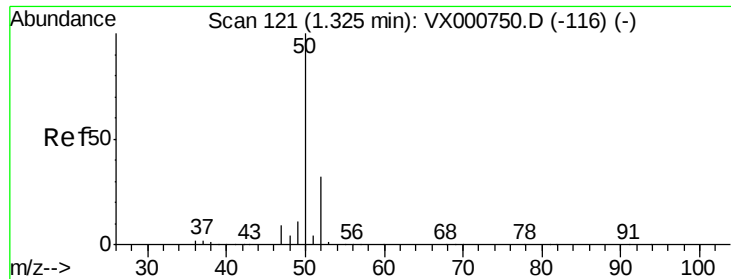
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50000

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Time-->

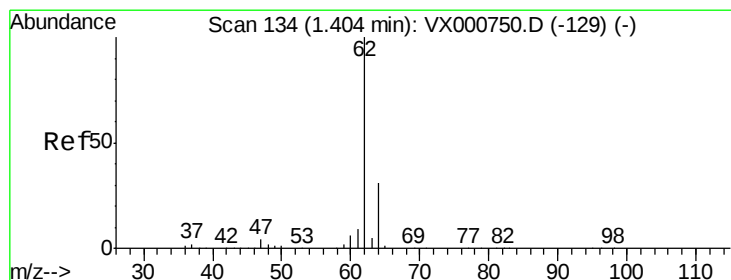
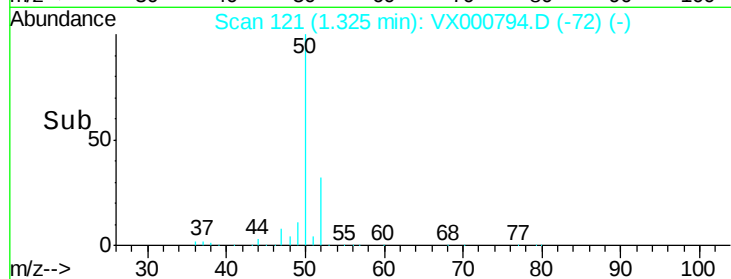
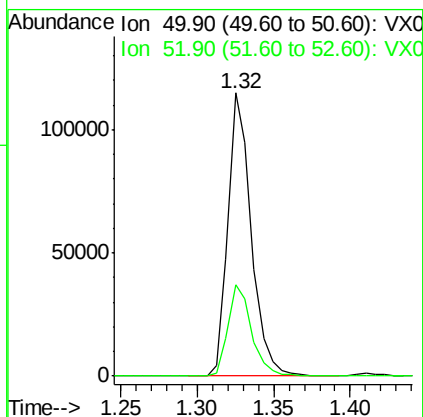
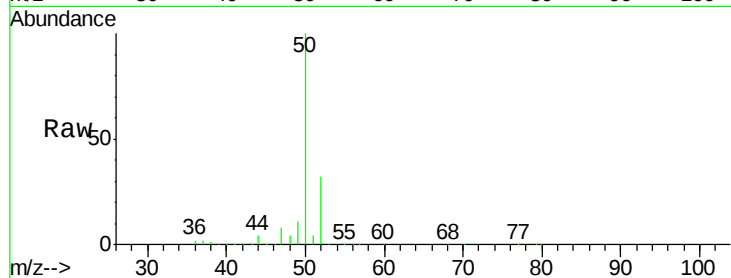




#3
Chloromethane
Concen: 40.32 ug/l
RT: 1.32 min Scan# 121
Delta R.T. -0.00 min
Lab File: VX000794.D
Acq: 12 Apr 2018 11:09

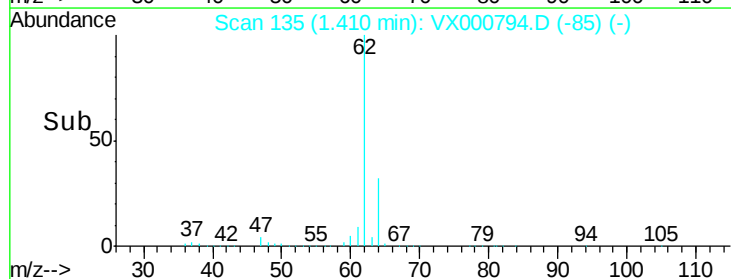
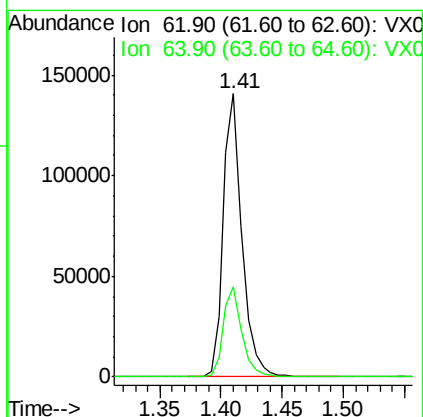
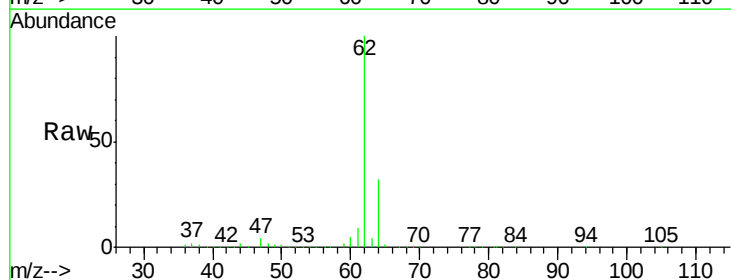
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

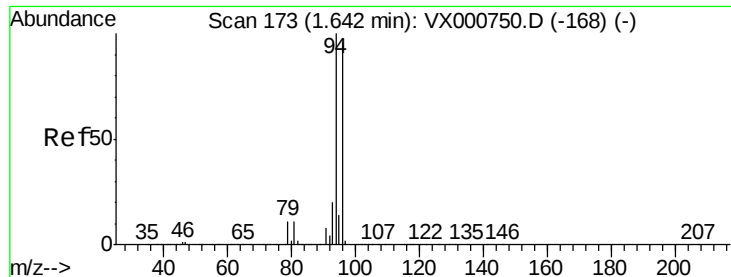
Tgt Ion: 50 Resp: 121418
Ion Ratio Lower Upper
50 100
52 32.3 25.8 38.8



#4
Vinyl Chloride
Concen: 44.21 ug/l
RT: 1.41 min Scan# 135
Delta R.T. 0.01 min
Lab File: VX000794.D
Acq: 12 Apr 2018 11:09

Tgt Ion: 62 Resp: 149760
Ion Ratio Lower Upper
62 100
64 31.9 24.6 36.8





#5

Bromomethane

Concen: 41.89 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000794.D

Acq: 12 Apr 2018 11:09

Instrument :

MSVOA_X

ClientSampleId :

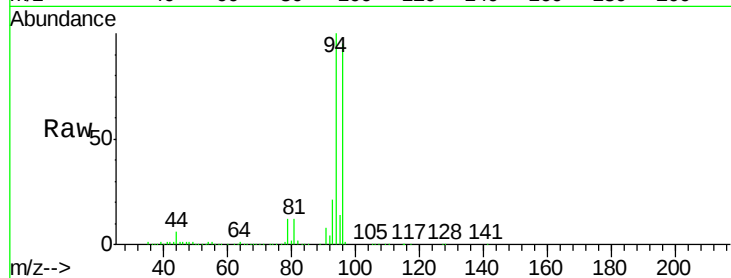
VSTDCCC050

Tgt Ion: 94 Resp: 59052

Ion Ratio Lower Upper

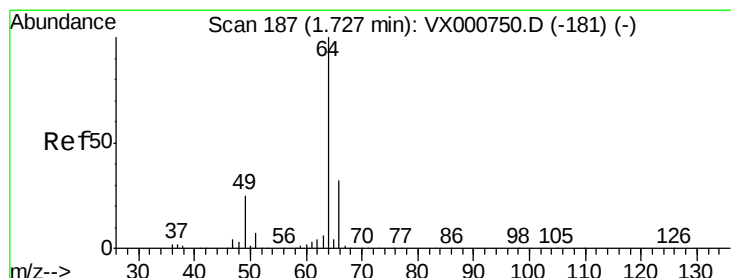
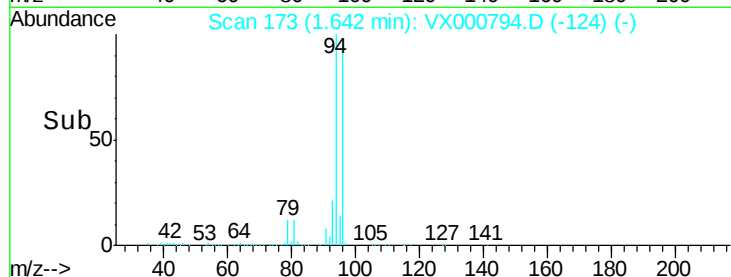
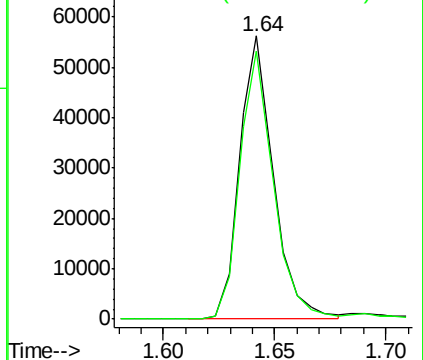
94 100

96 94.8 77.0 115.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 42.93 ug/l

RT: 1.73 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX000794.D

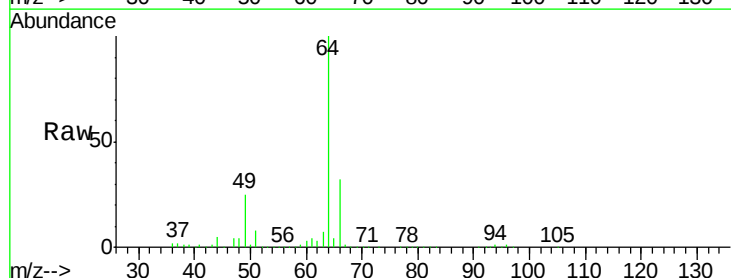
Acq: 12 Apr 2018 11:09

Tgt Ion: 64 Resp: 88140

Ion Ratio Lower Upper

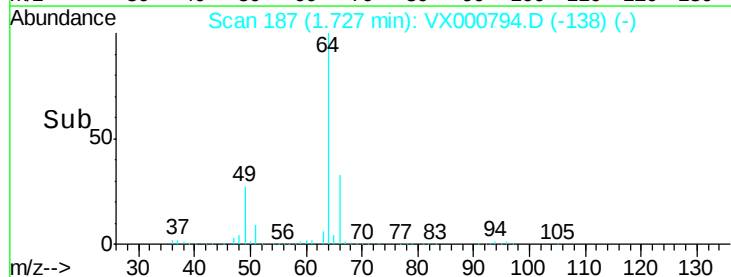
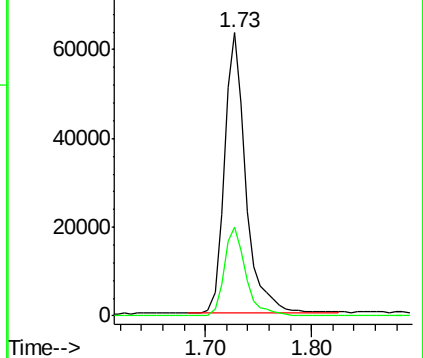
64 100

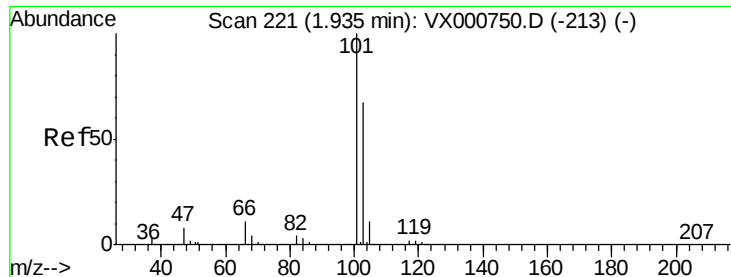
66 31.8 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



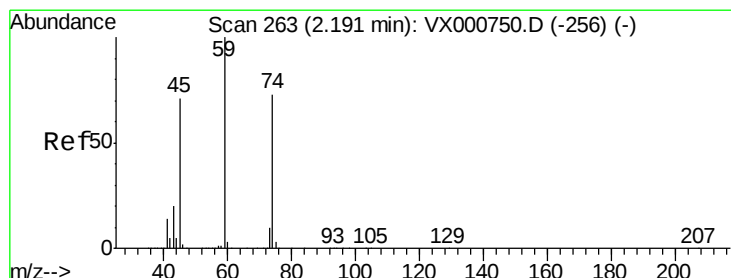
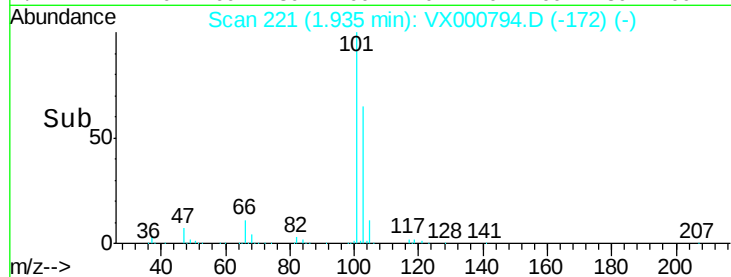
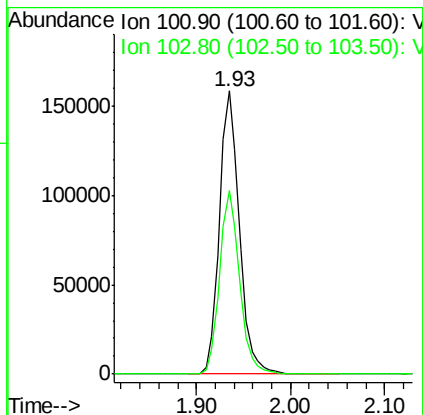
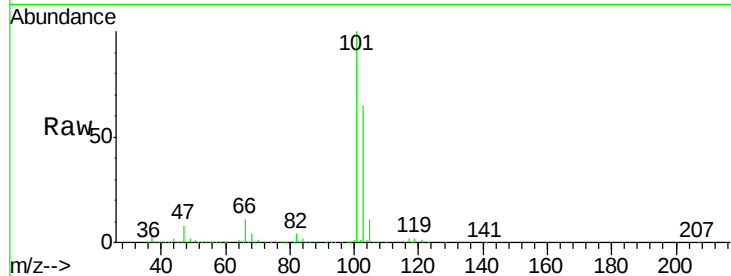


#7

Trichlorofluoromethane
 Concen: 45.64 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VX000794.D
 Acq: 12 Apr 2018 11:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

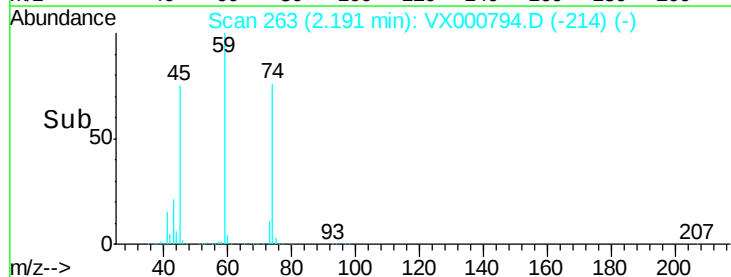
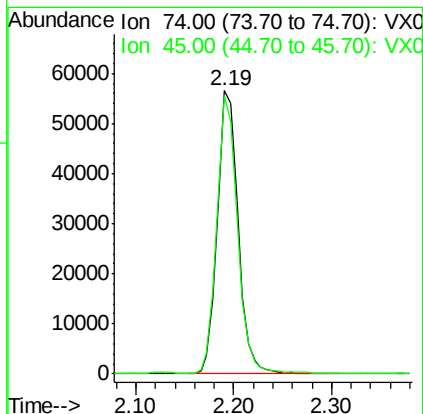
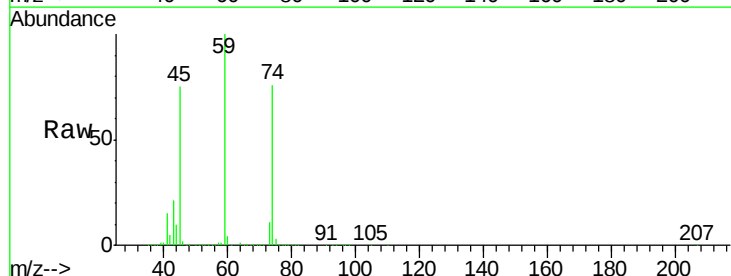
Tgt Ion:101 Resp: 233278
 Ion Ratio Lower Upper
 101 100
 103 64.7 53.2 79.8

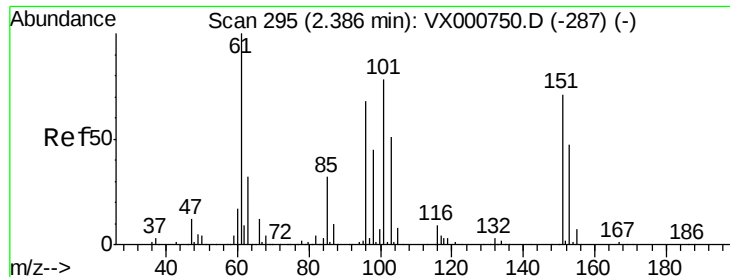


#8

Diethyl Ether
 Concen: 44.01 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX000794.D
 Acq: 12 Apr 2018 11:09

Tgt Ion: 74 Resp: 84031
 Ion Ratio Lower Upper
 74 100
 45 96.6 48.6 145.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.66 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX000794.D

Acq: 12 Apr 2018 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

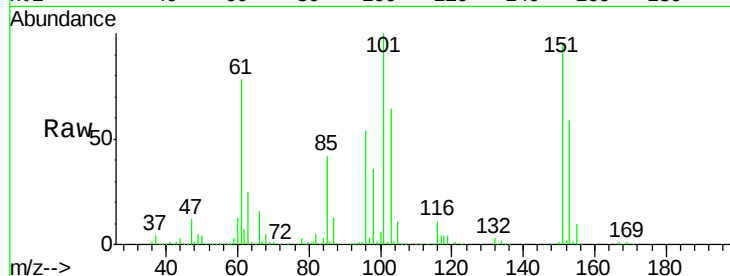
Tgt Ion:101 Resp: 140609

Ion Ratio Lower Upper

101 100

85 41.7 34.0 51.0

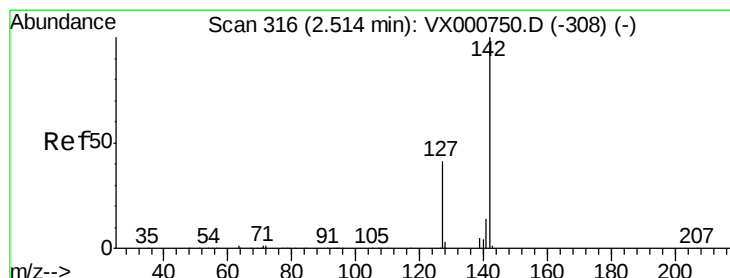
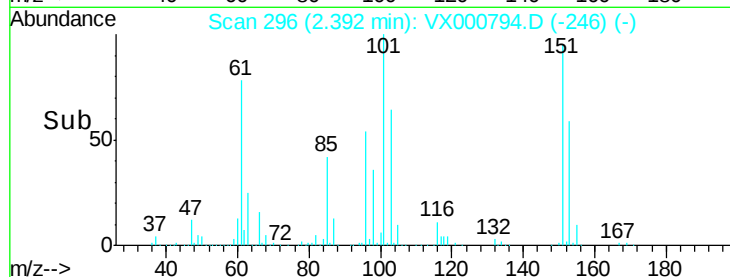
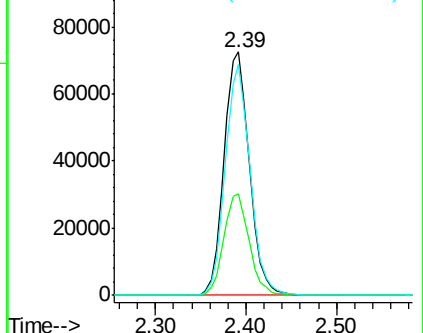
151 93.4 75.8 113.8



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: 32.53 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX000794.D

Acq: 12 Apr 2018 11:09

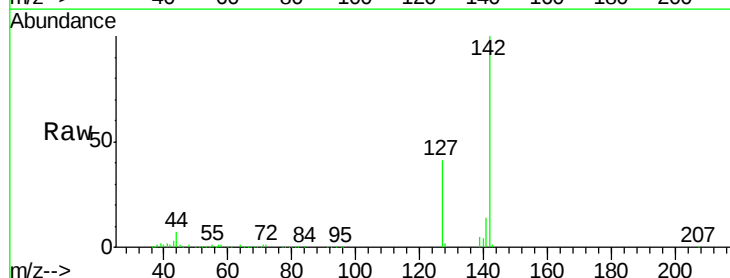
Tgt Ion:142 Resp: 68229

Ion Ratio Lower Upper

142 100

127 43.1 32.6 49.0

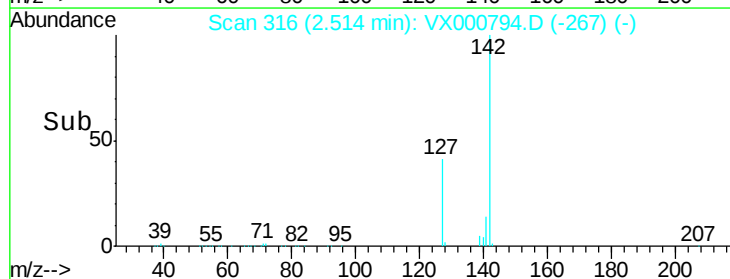
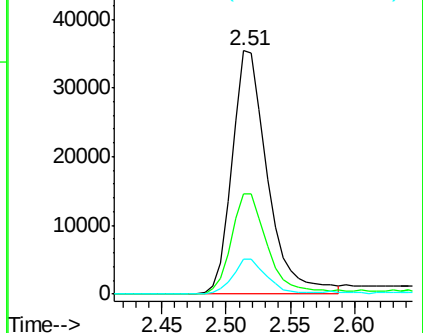
141 14.0 11.5 17.3

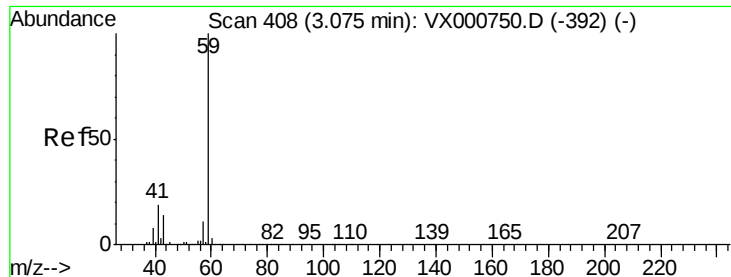


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

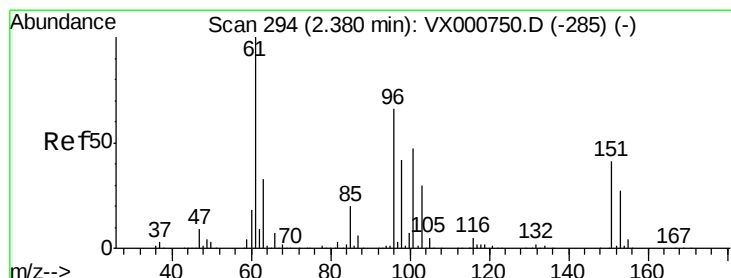
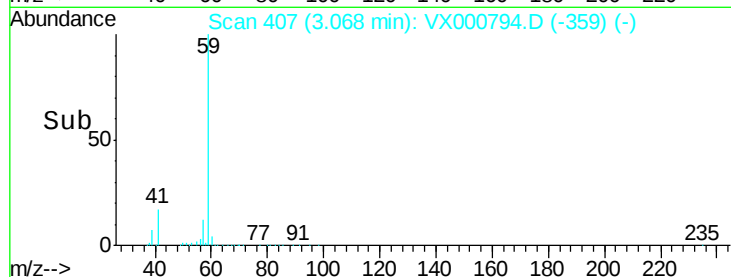
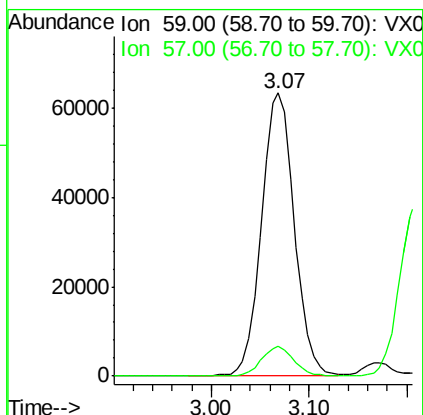
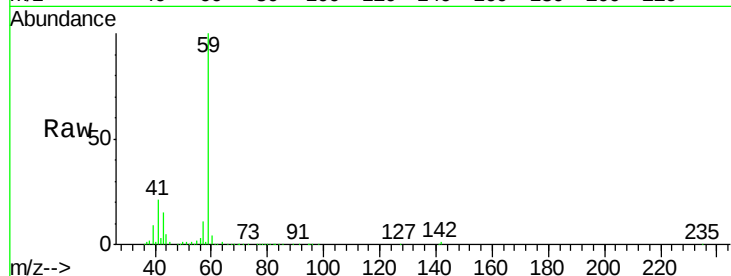




#11
Tert butyl alcohol
Concen: 211.80 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX000794.D
Acq: 12 Apr 2018 11:09

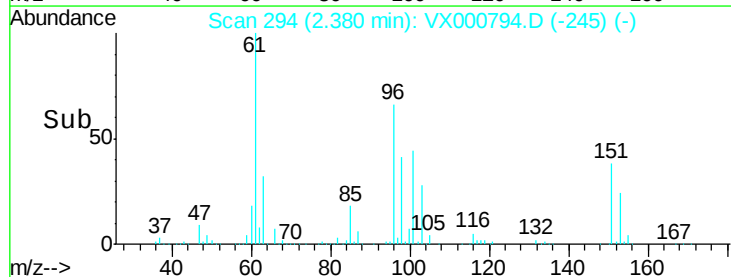
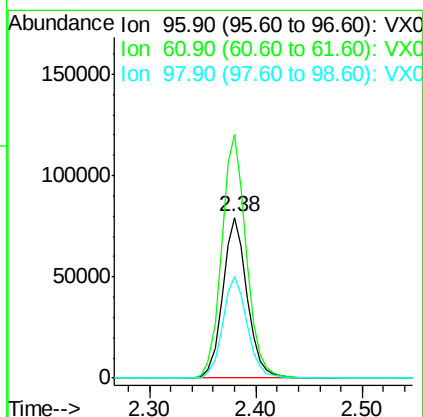
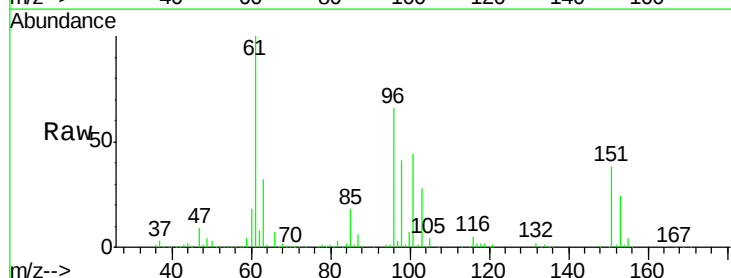
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

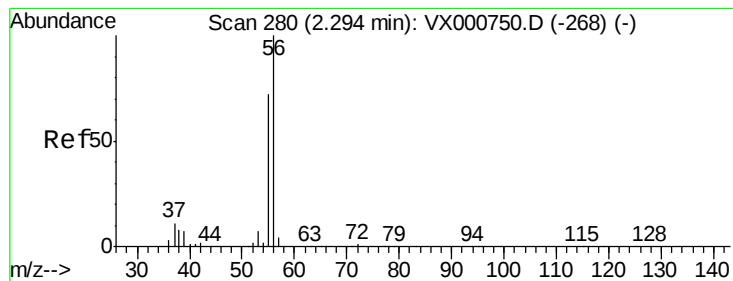
Tgt Ion: 59 Resp: 147541
Ion Ratio Lower Upper
59 100
57 10.1 8.4 12.6



#12
1,1-Dichloroethene
Concen: 44.07 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000794.D
Acq: 12 Apr 2018 11:09

Tgt Ion: 96 Resp: 125873
Ion Ratio Lower Upper
96 100
61 151.8 120.5 180.7
98 63.0 50.9 76.3





#13

Acrolein

Concen: 117.14 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX000794.D

Acq: 12 Apr 2018 11:09

Instrument :

MSVOA_X

ClientSampled :

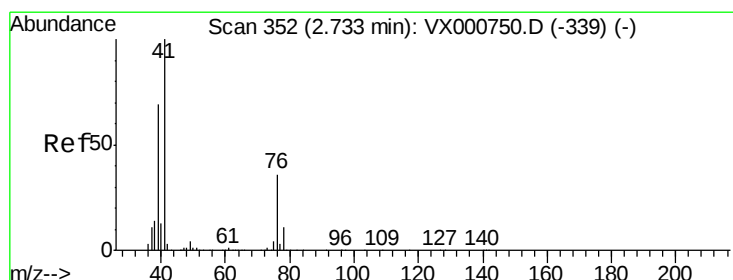
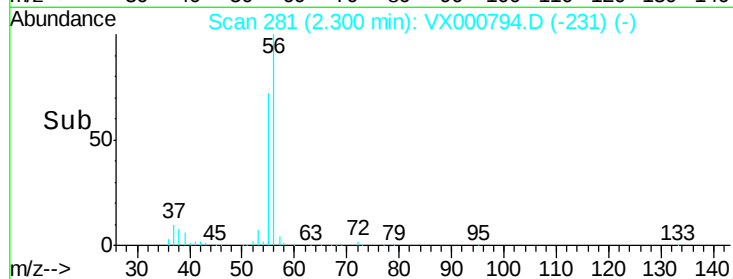
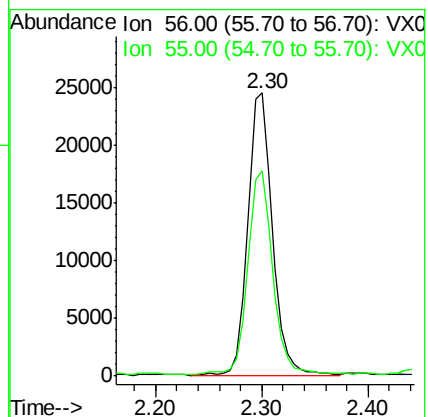
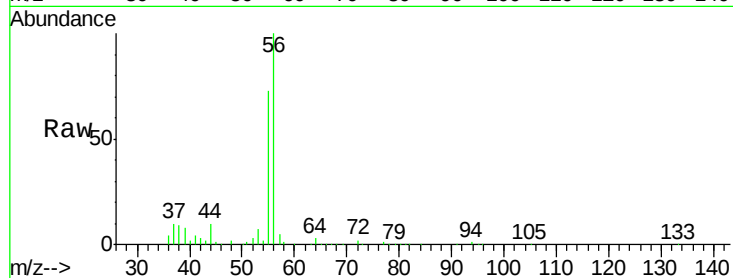
VSTDCCC050

Tgt Ion: 56 Resp: 39627

Ion Ratio Lower Upper

56 100

55 73.2 58.7 88.1



#14

Allyl chloride

Concen: 43.69 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000794.D

Acq: 12 Apr 2018 11:09

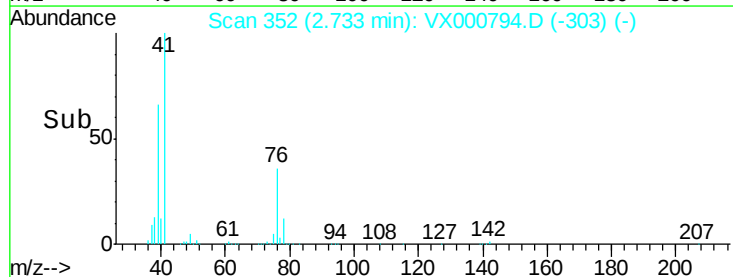
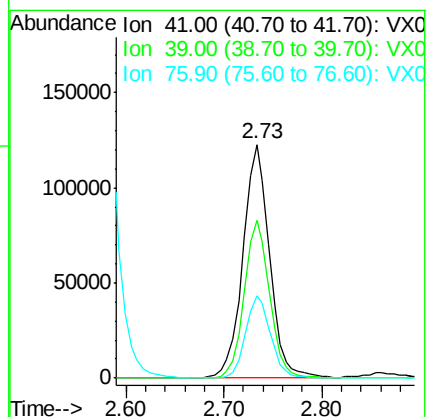
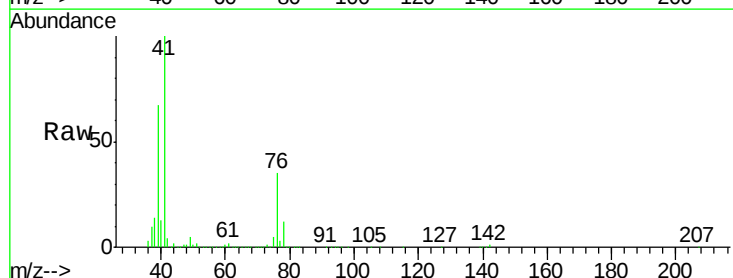
Tgt Ion: 41 Resp: 230707

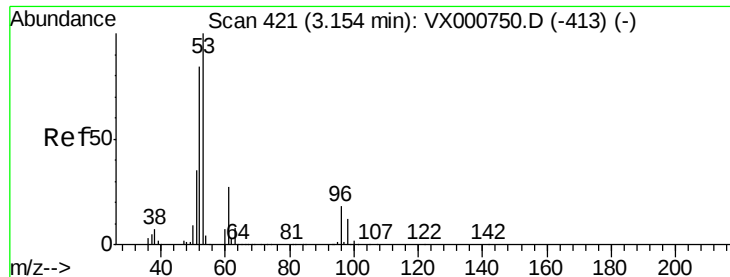
Ion Ratio Lower Upper

41 100

39 64.1 51.5 77.3

76 33.1 26.5 39.7





#15

Acrylonitrile

Concen: 221.52 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX000794.D

Acq: 12 Apr 2018 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

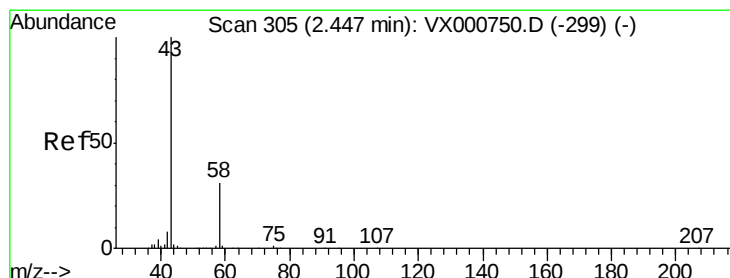
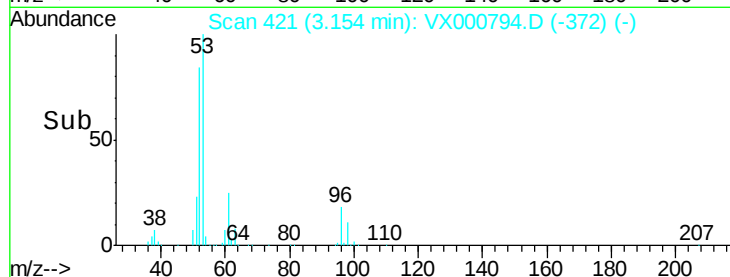
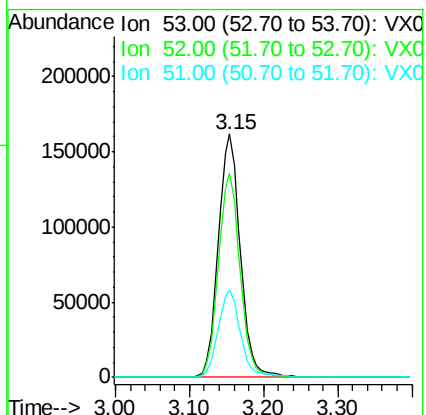
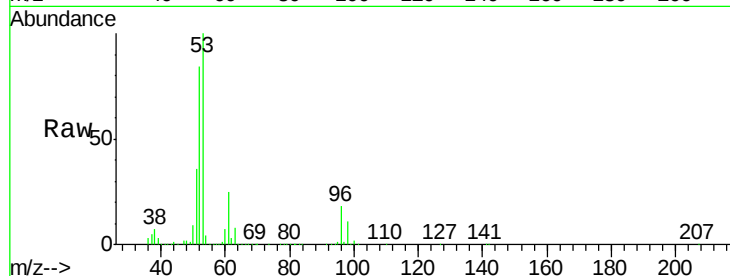
Tgt Ion: 53 Resp: 328990

Ion Ratio Lower Upper

53 100

52 82.9 66.5 99.7

51 36.5 28.8 43.2



#16

Acetone

Concen: 219.91 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX000794.D

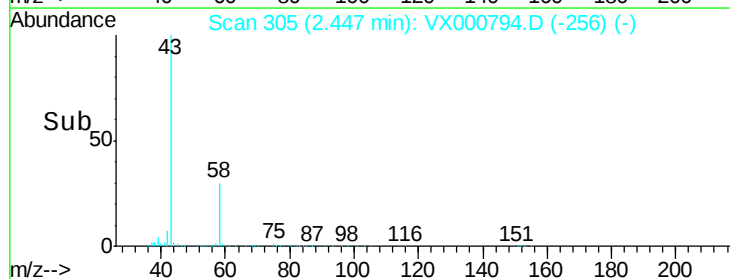
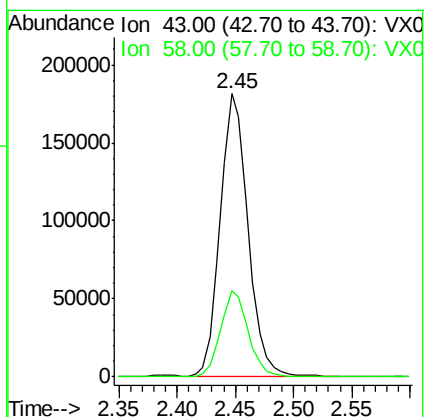
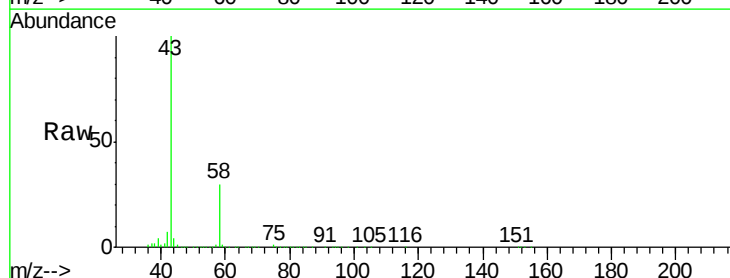
Acq: 12 Apr 2018 11:09

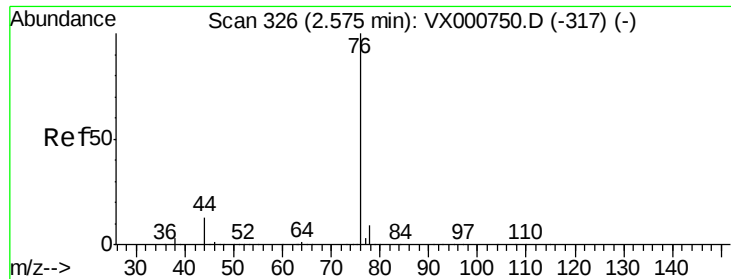
Tgt Ion: 43 Resp: 297549

Ion Ratio Lower Upper

43 100

58 30.3 24.6 37.0

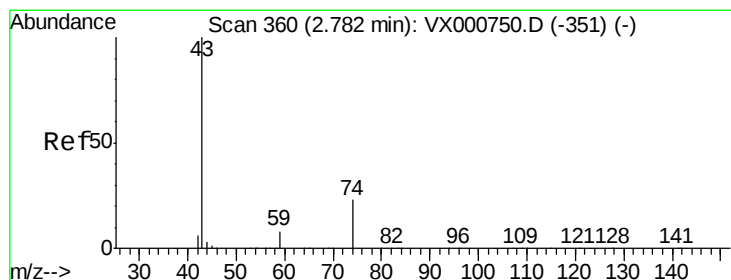
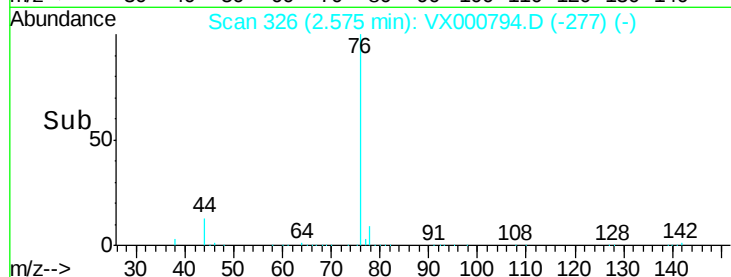
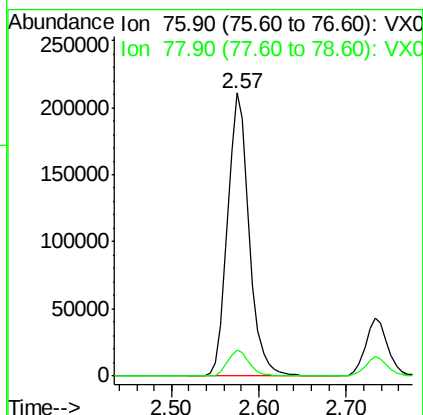
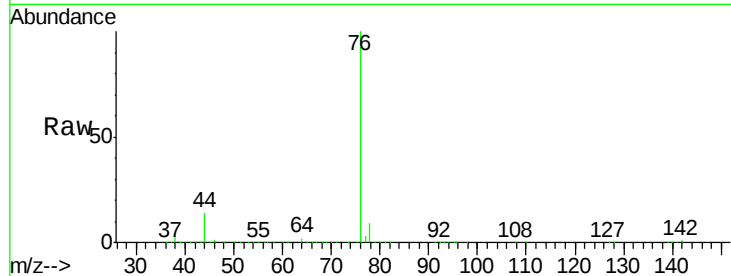




#17
Carbon Disulfide
Concen: 41.69 ug/l
RT: 2.57 min Scan# 326
Delta R.T. -0.00 min
Lab File: VX000794.D
Acq: 12 Apr 2018 11:09

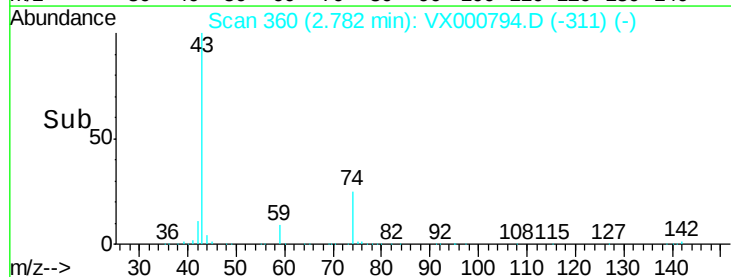
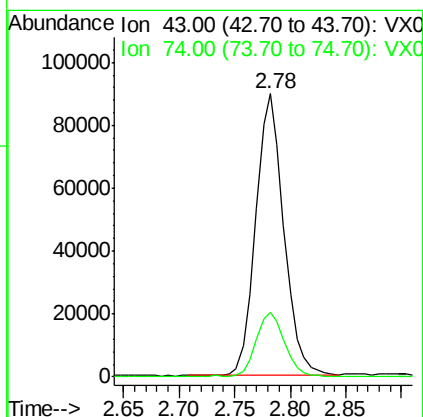
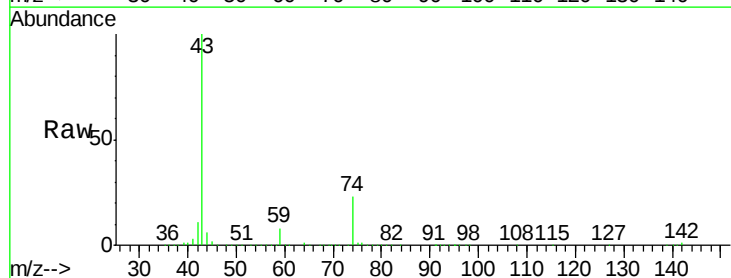
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

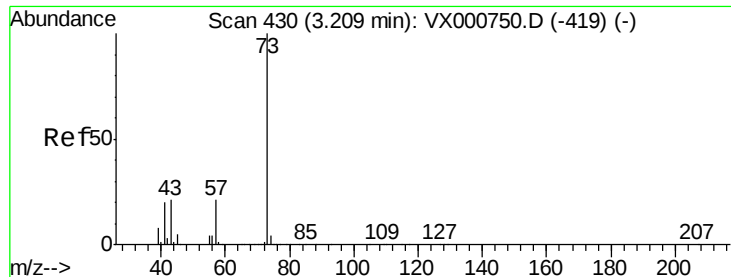
Tgt Ion: 76 Resp: 360511
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2



#18
Methyl Acetate
Concen: 45.13 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX000794.D
Acq: 12 Apr 2018 11:09

Tgt Ion: 43 Resp: 158010
Ion Ratio Lower Upper
43 100
74 23.3 19.1 28.7





#19

Methyl tert-butyl Ether

Concen: 45.49 ug/l

RT: 3.21 min Scan# 430

Delta R.T. -0.00 min

Lab File: VX000794.D

Acq: 12 Apr 2018 11:09

Instrument :

MSVOA_X

ClientSampleId :

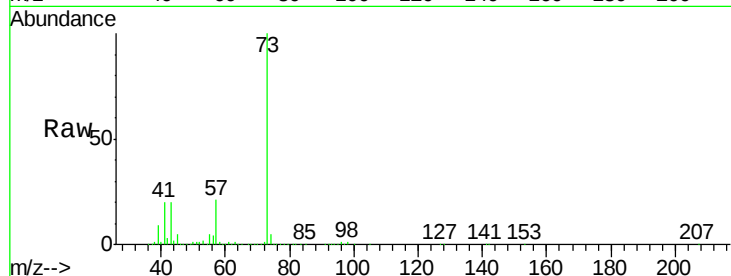
VSTDCCC050

Tgt Ion: 73 Resp: 432747

Ion Ratio Lower Upper

73 100

57 21.1 16.9 25.3



Abundance Ion 73.00 (72.70 to 73.70): VX000750.D (-419) (-)

Ion 57.00 (56.70 to 57.70): VX000750.D (-419) (-)

3.21

200000

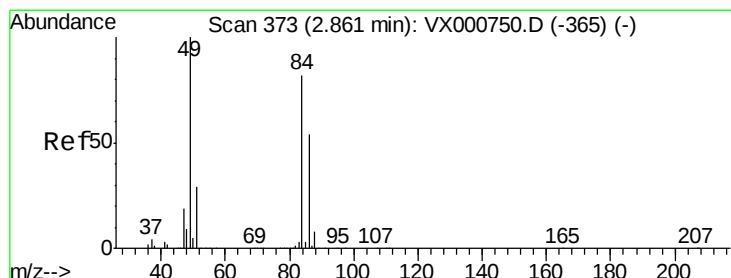
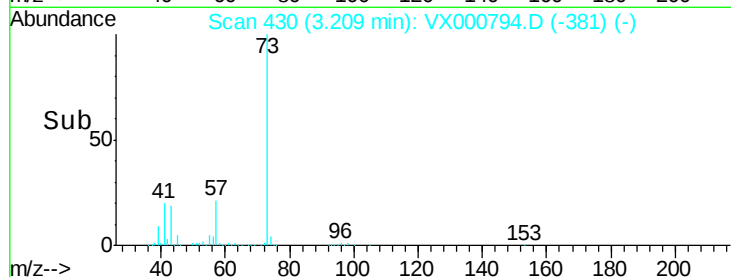
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 42.69 ug/l

RT: 2.86 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX000794.D

Acq: 12 Apr 2018 11:09

Tgt Ion: 84 Resp: 134359

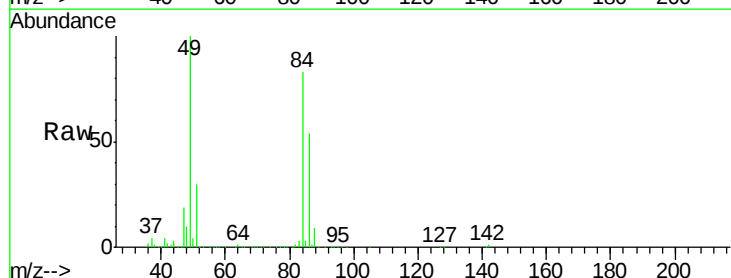
Ion Ratio Lower Upper

84 100

49 120.5 98.1 147.1

51 36.6 28.9 43.3

86 65.3 52.7 79.1



Abundance Ion 83.90 (83.60 to 84.60): VX000750.D (-365) (-)

Ion 48.90 (48.60 to 49.60): VX000750.D (-365) (-)

Ion 50.90 (50.60 to 51.60): VX000750.D (-365) (-)

Ion 85.90 (85.60 to 86.60): VX000750.D (-365) (-)

2.86

120000

100000

80000

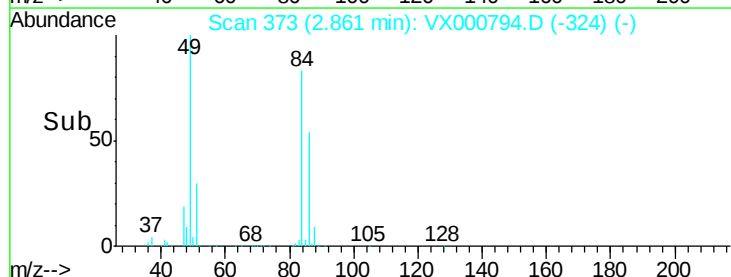
60000

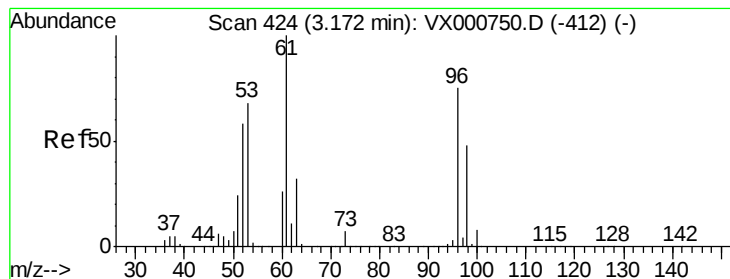
40000

20000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 43.11 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000794.D

Acq: 12 Apr 2018 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

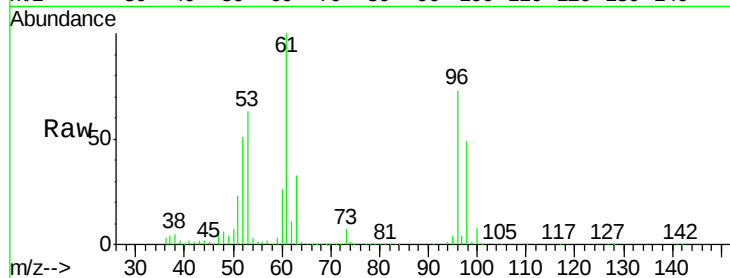
Tgt Ion: 96 Resp: 135760

Ion Ratio Lower Upper

96 100

61 136.7 106.2 159.2

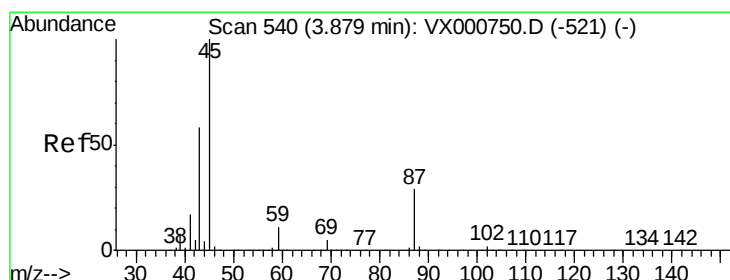
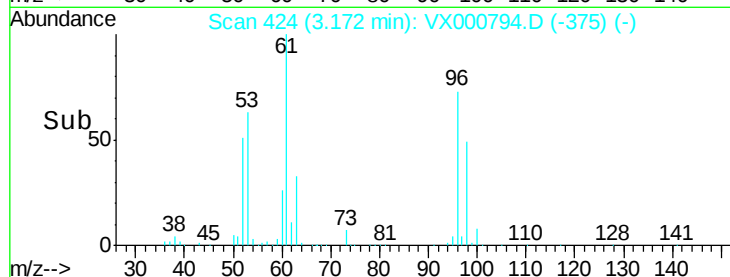
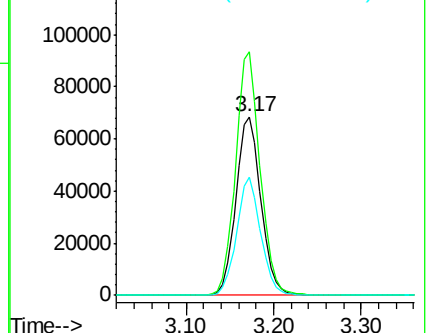
98 66.4 51.2 76.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 43.91 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX000794.D

Acq: 12 Apr 2018 11:09

Tgt Ion: 45 Resp: 426143

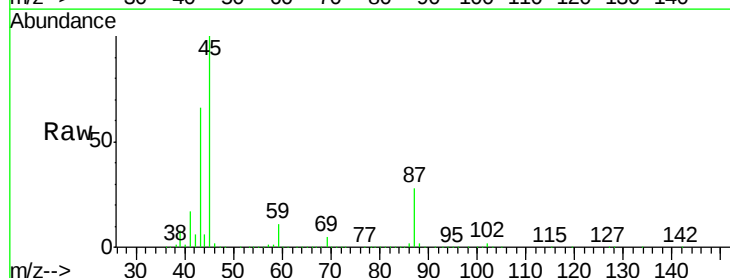
Ion Ratio Lower Upper

45 100

43 65.4 46.6 69.8

87 28.2 22.9 34.3

59 11.3 9.2 13.8

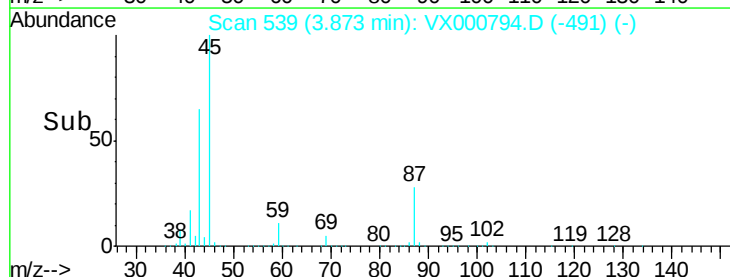
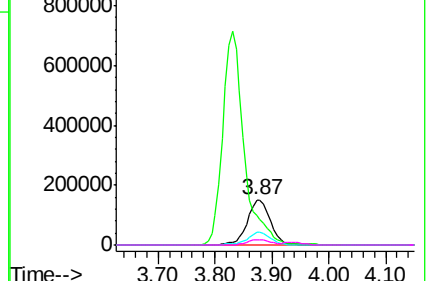


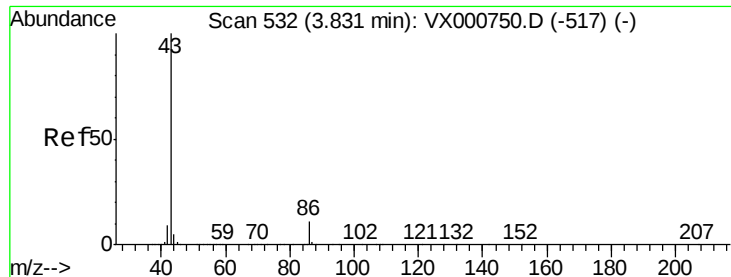
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

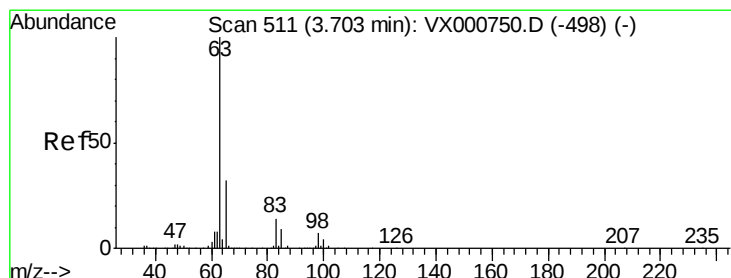
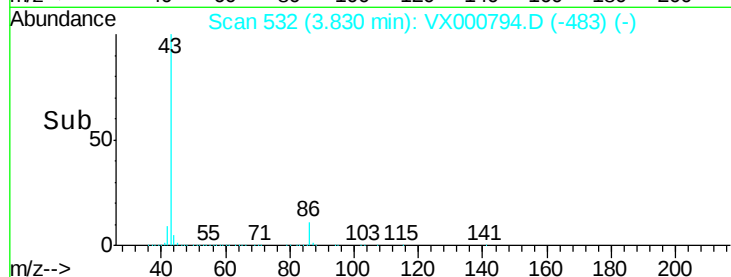
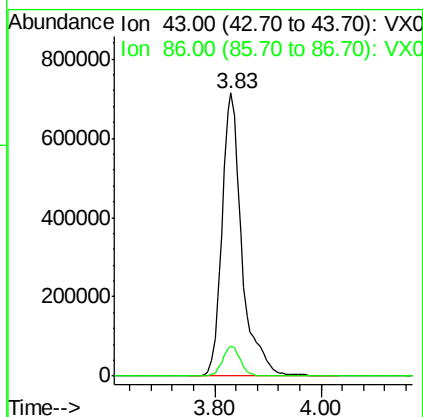
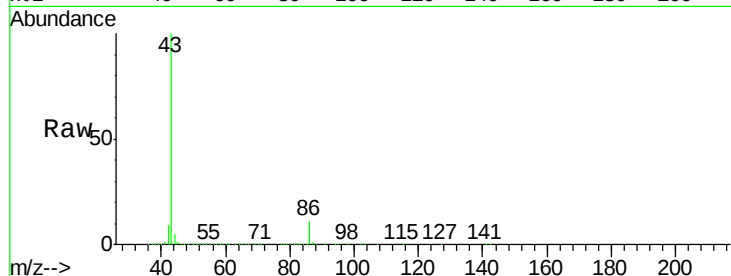




#23
 Vinyl Acetate
 Concen: 218.77 ug/l
 RT: 3.83 min Scan# 532
 Delta R.T. -0.00 min
 Lab File: VX000794.D
 Acq: 12 Apr 2018 11:09

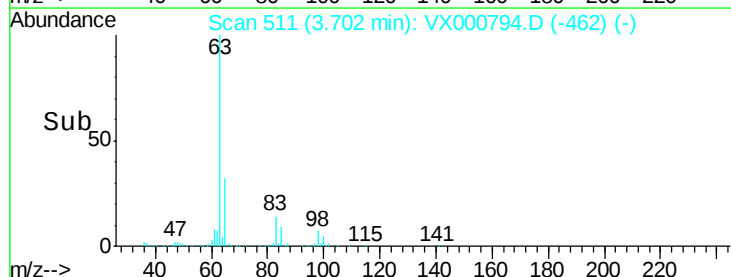
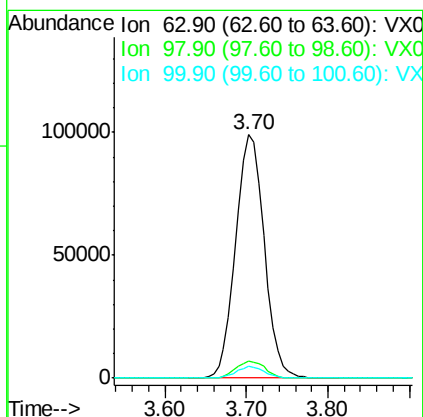
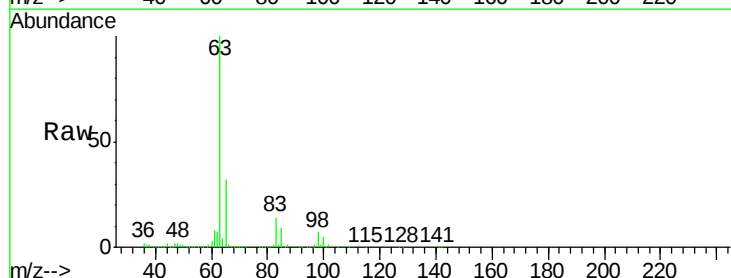
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

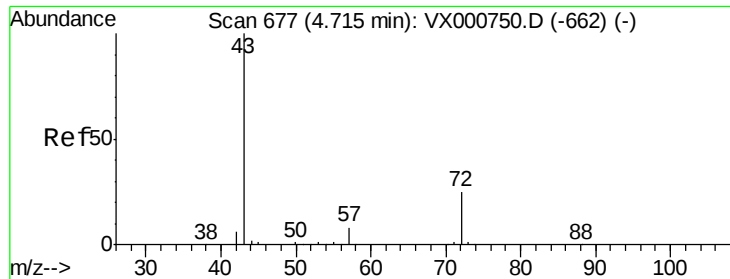
Tgt Ion: 43 Resp: 1864109
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 44.14 ug/l
 RT: 3.70 min Scan# 511
 Delta R.T. -0.00 min
 Lab File: VX000794.D
 Acq: 12 Apr 2018 11:09

Tgt Ion: 63 Resp: 240396
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.3 9.9
 100 4.7 2.1 6.3





#25

2-Butanone

Concen: 220.87 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX000794.D

Acq: 12 Apr 2018 11:09

Instrument :

MSVOA_X

ClientSampleId :

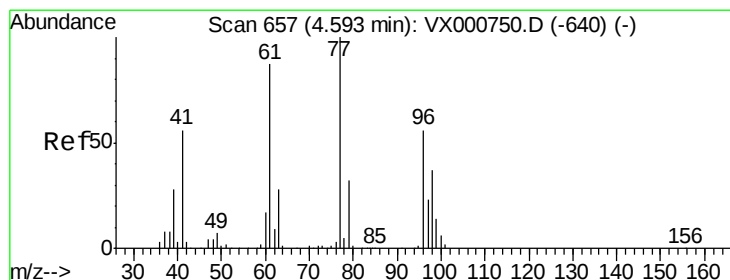
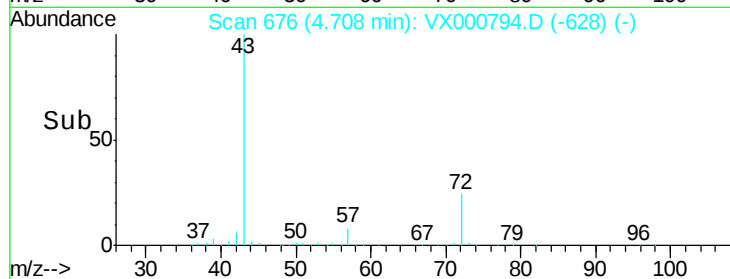
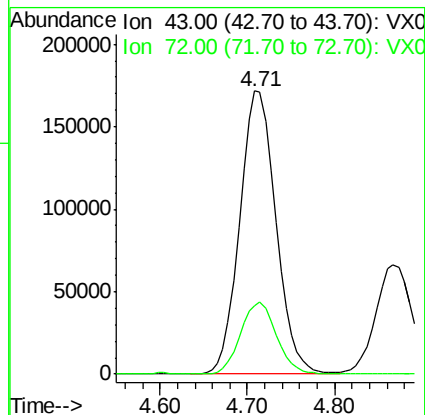
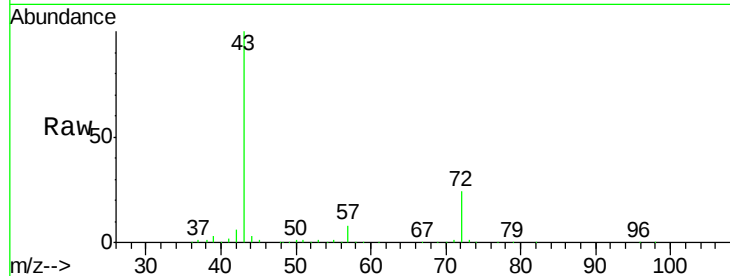
VSTDCCC050

Tgt Ion: 43 Resp: 493507

Ion Ratio Lower Upper

43 100

72 24.3 20.3 30.5



#26

2,2-Dichloropropane

Concen: 44.52 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX000794.D

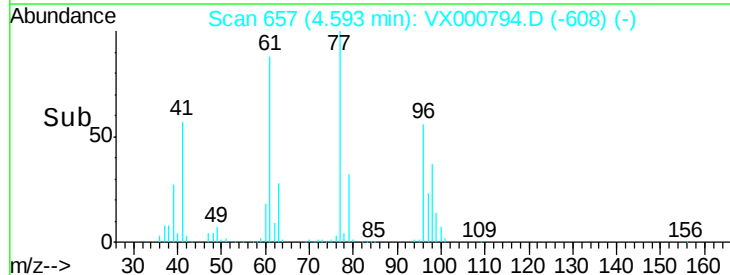
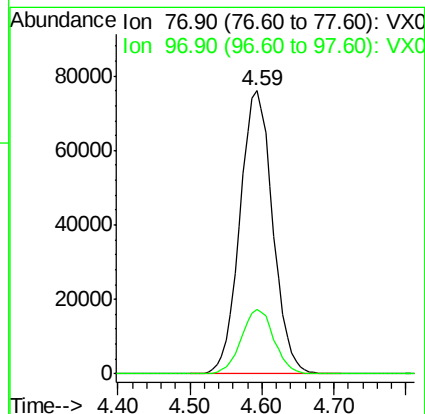
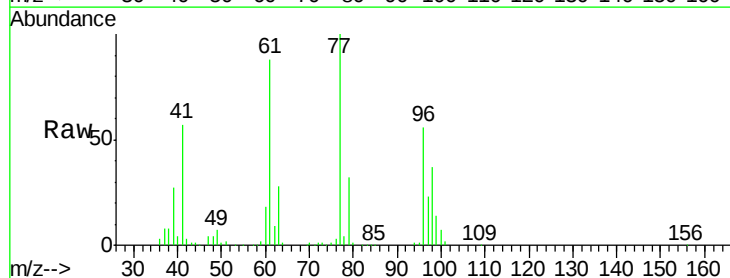
Acq: 12 Apr 2018 11:09

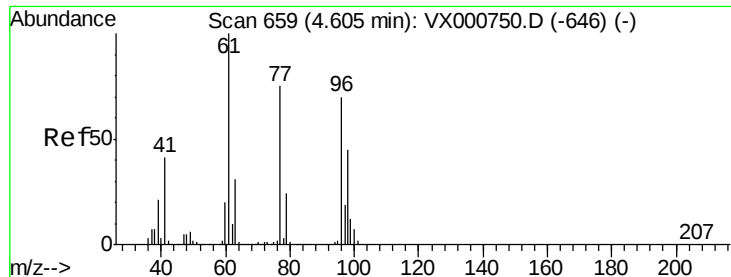
Tgt Ion: 77 Resp: 240639

Ion Ratio Lower Upper

77 100

97 22.8 11.5 34.4





#27

cis-1,2-Dichloroethene

Concen: 44.20 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX000794.D

Acq: 12 Apr 2018 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

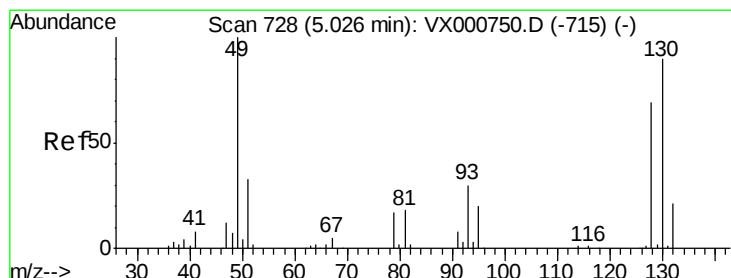
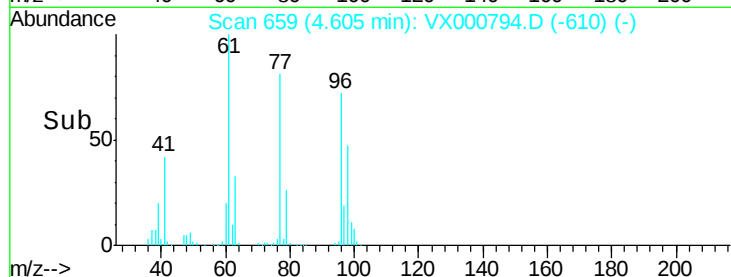
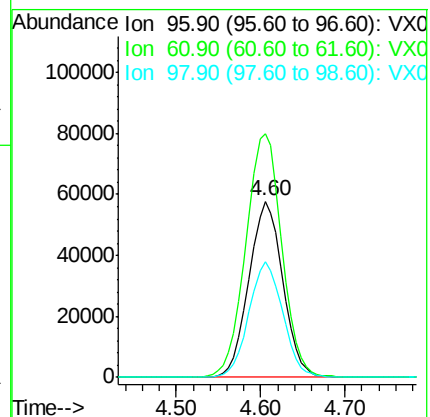
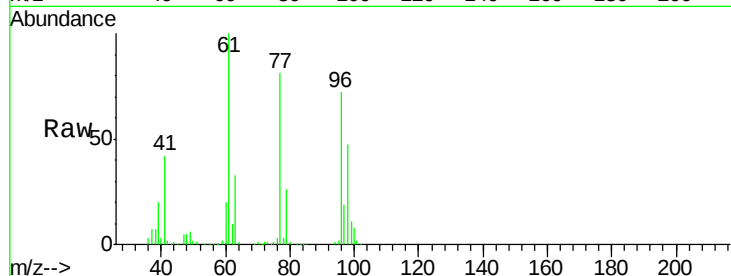
Tgt Ion: 96 Resp: 157959

Ion Ratio Lower Upper

96 100

61 146.9 0.0 292.4

98 65.8 0.0 130.2



#28

Bromochloromethane

Concen: 47.73 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.00 min

Lab File: VX000794.D

Acq: 12 Apr 2018 11:09

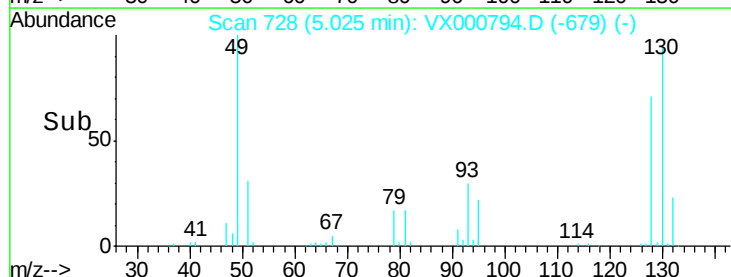
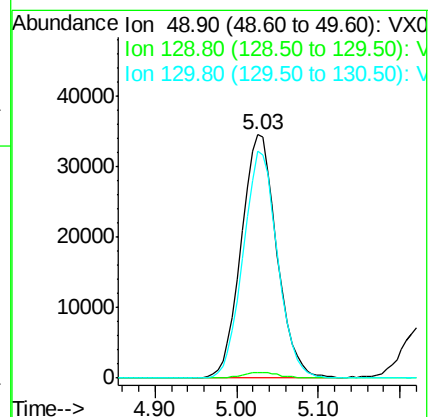
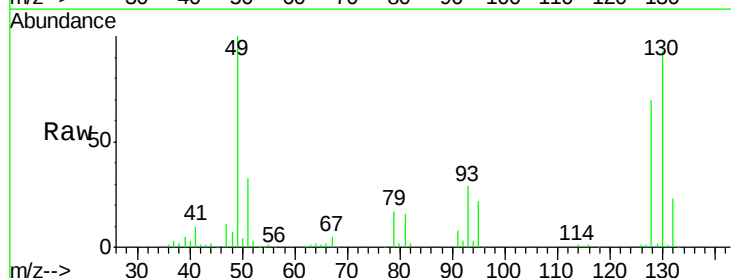
Tgt Ion: 49 Resp: 104670

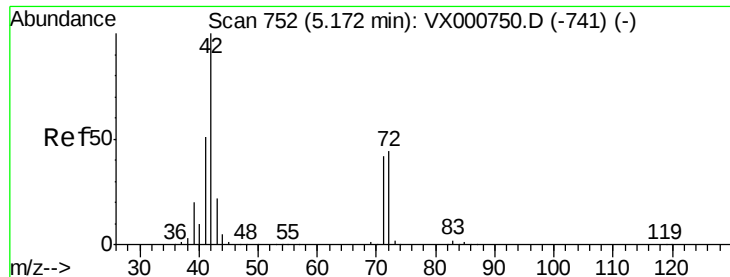
Ion Ratio Lower Upper

49 100

129 2.5 0.0 5.2

130 90.2 72.6 109.0





#29

Tetrahydrofuran

Concen: 216.67 ug/l

RT: 5.17 min Scan# 752

Delta R.T. -0.00 min

Lab File: VX000794.D

Acq: 12 Apr 2018 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

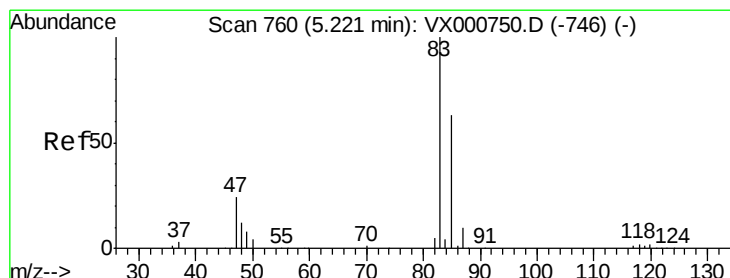
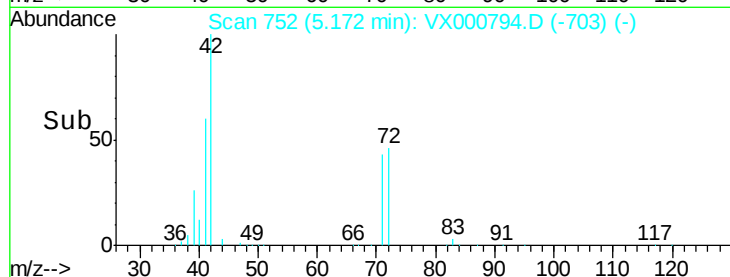
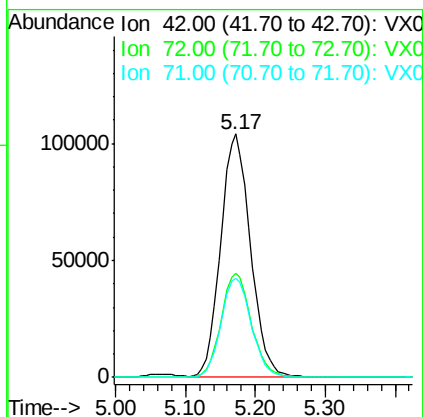
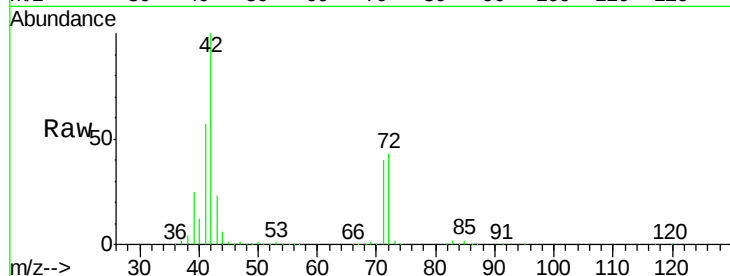
Tgt Ion: 42 Resp: 307392

Ion Ratio Lower Upper

42 100

72 43.6 35.1 52.7

71 41.3 32.8 49.2



#30

Chloroform

Concen: 45.21 ug/l

RT: 5.23 min Scan# 761

Delta R.T. 0.01 min

Lab File: VX000794.D

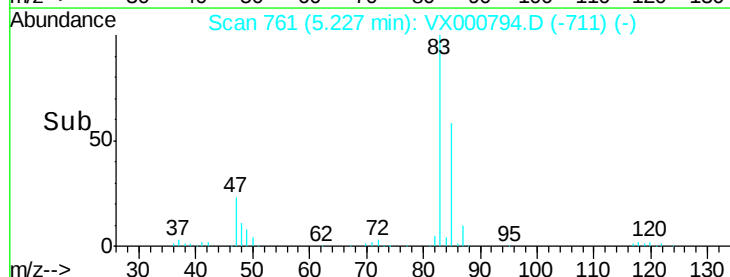
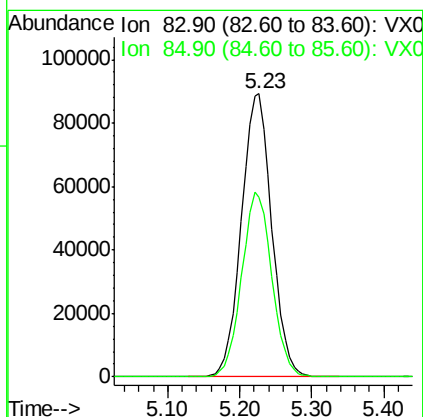
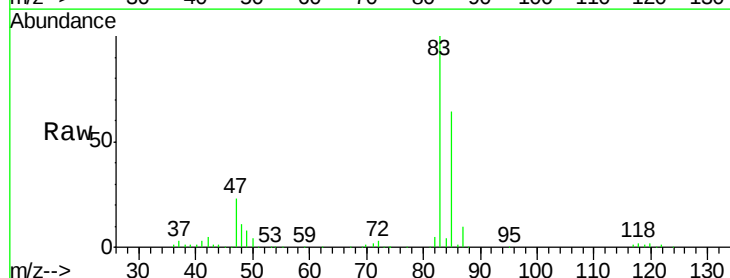
Acq: 12 Apr 2018 11:09

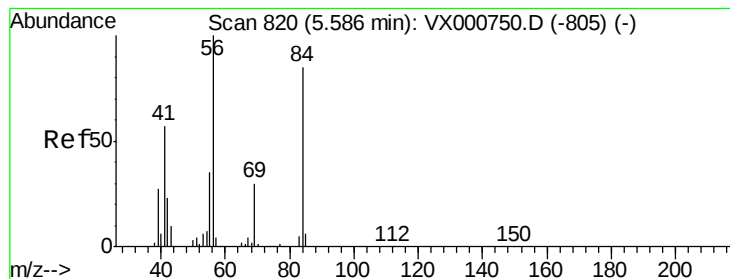
Tgt Ion: 83 Resp: 260667

Ion Ratio Lower Upper

83 100

85 63.6 50.7 76.1





#31

Cyclohexane

Concen: 44.44 ug/l

RT: 5.59 min Scan# 820

Delta R.T. -0.00 min

Lab File: VX000794.D

Acq: 12 Apr 2018 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

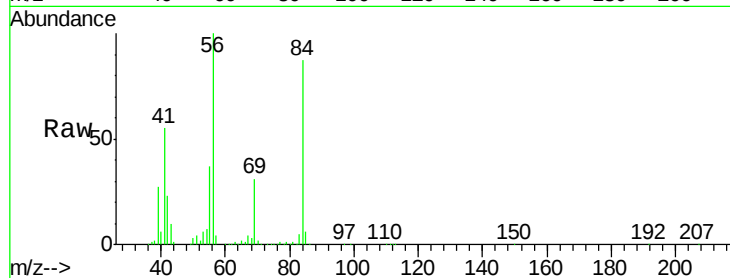
Tgt Ion: 56 Resp: 229852

Ion Ratio Lower Upper

56 100

69 30.5 24.2 36.4

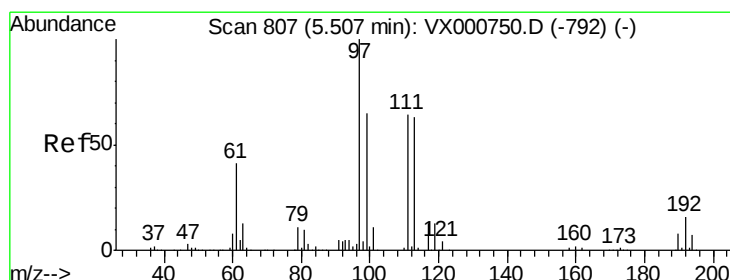
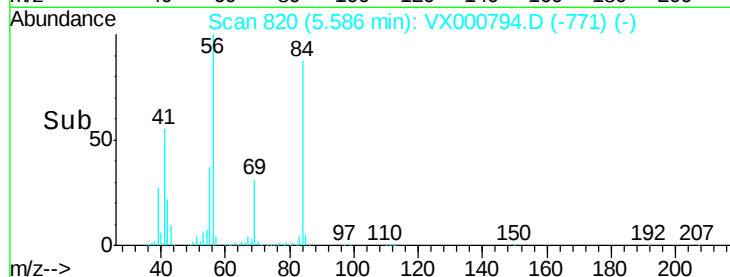
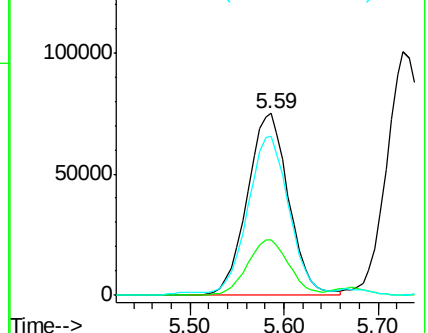
84 85.5 67.6 101.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 44.77 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX000794.D

Acq: 12 Apr 2018 11:09

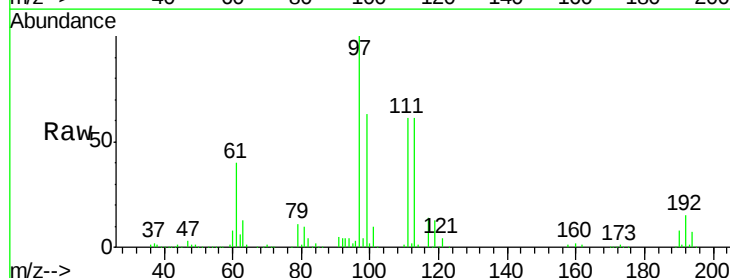
Tgt Ion: 97 Resp: 245938

Ion Ratio Lower Upper

97 100

99 64.2 51.4 77.0

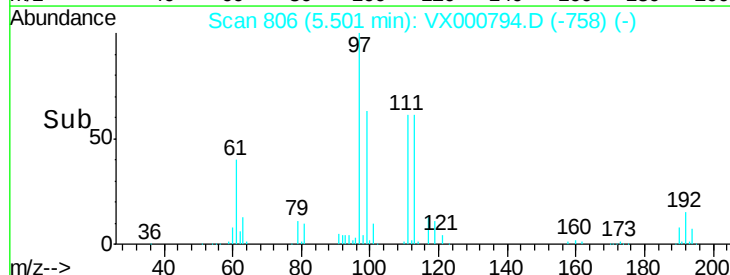
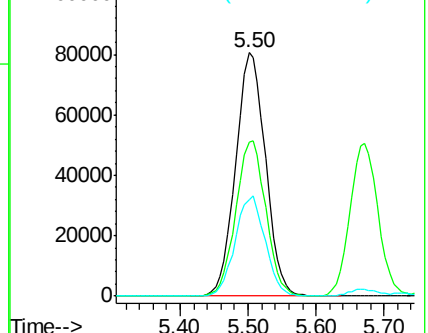
61 41.4 33.7 50.5

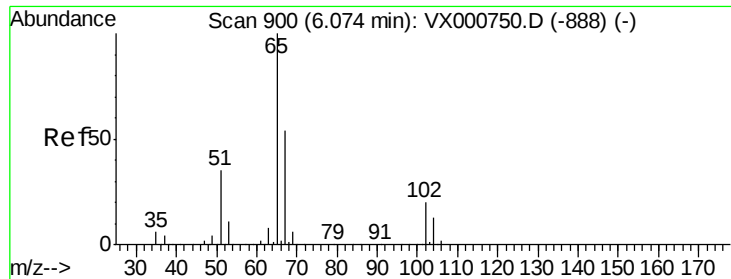


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 45.90 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX000794.D

Acq: 12 Apr 2018 11:09

Instrument :

MSVOA_X

ClientSampleId :

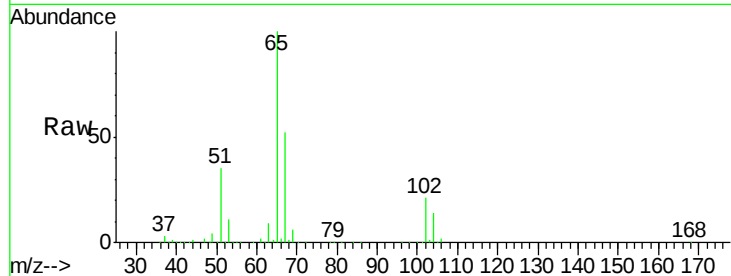
VSTDCCC050

Tgt Ion: 65 Resp: 180109

Ion Ratio Lower Upper

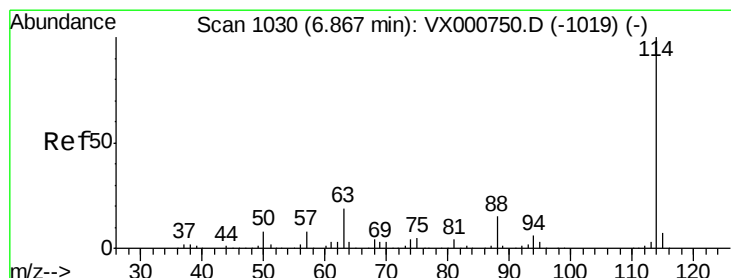
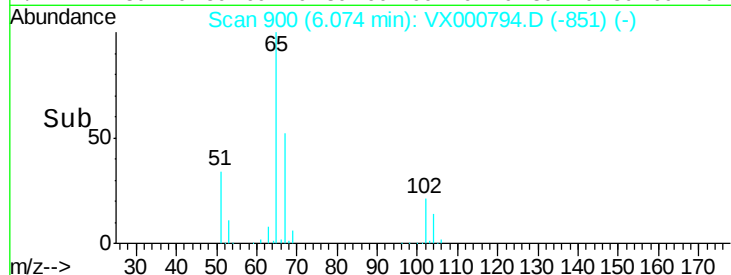
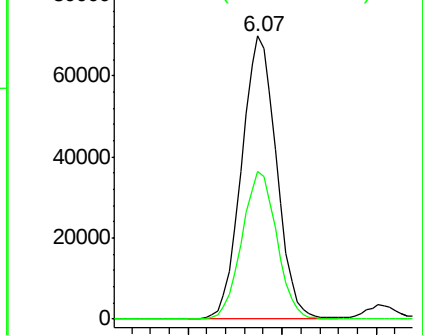
65 100

67 52.2 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX000794.D

Acq: 12 Apr 2018 11:09

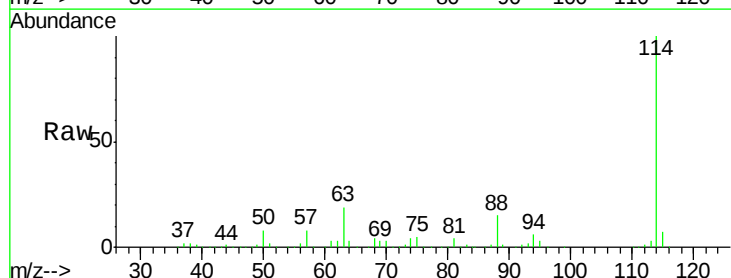
Tgt Ion: 114 Resp: 402792

Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.4

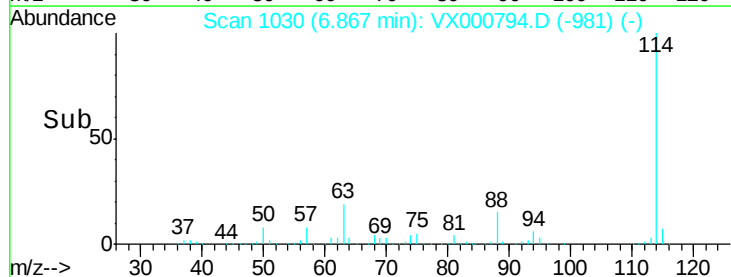
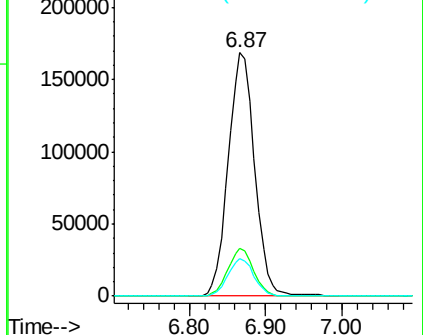
88 15.2 0.0 31.0

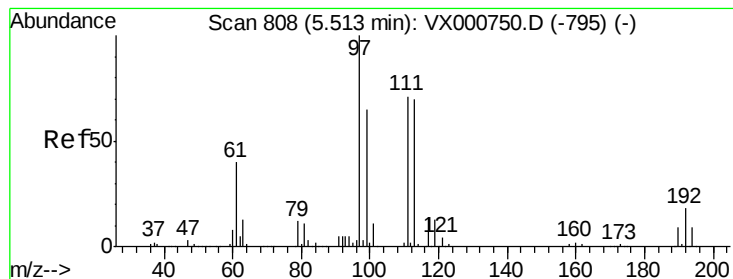


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.34 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX000794.D

Acq: 12 Apr 2018 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

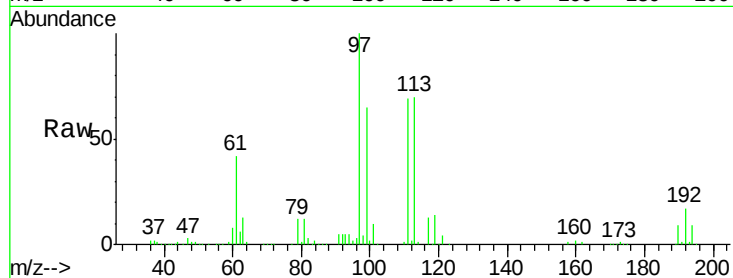
Tgt Ion:113 Resp: 156231

Ion Ratio Lower Upper

113 100

111 101.6 81.5 122.3

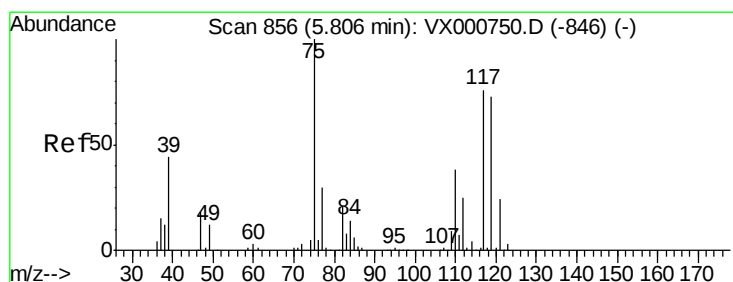
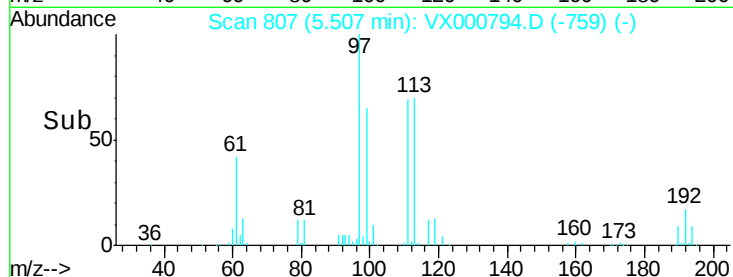
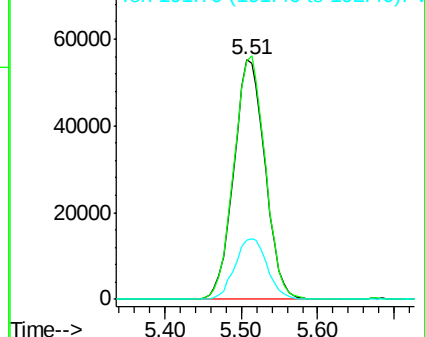
192 26.0 20.4 30.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 44.64 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.00 min

Lab File: VX000794.D

Acq: 12 Apr 2018 11:09

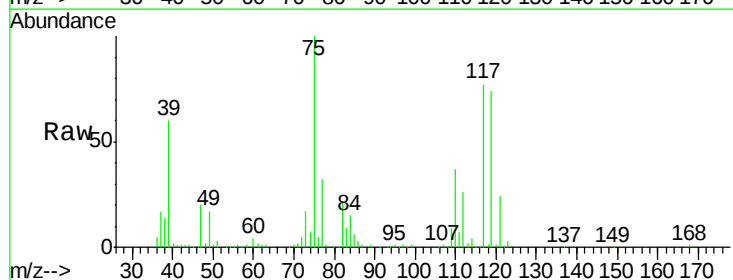
Tgt Ion: 75 Resp: 198021

Ion Ratio Lower Upper

75 100

110 38.6 19.2 57.6

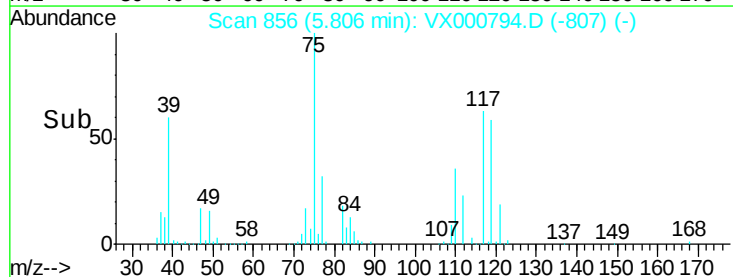
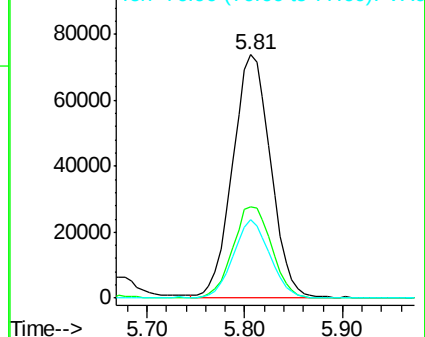
77 30.9 25.4 38.2

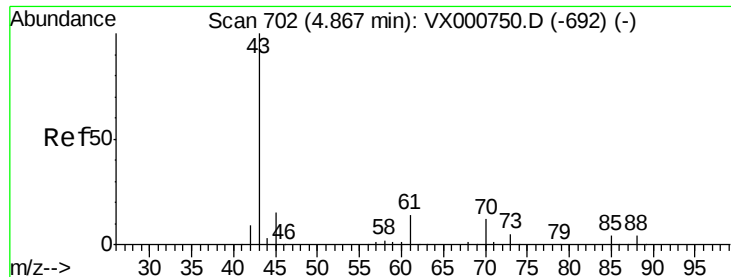


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

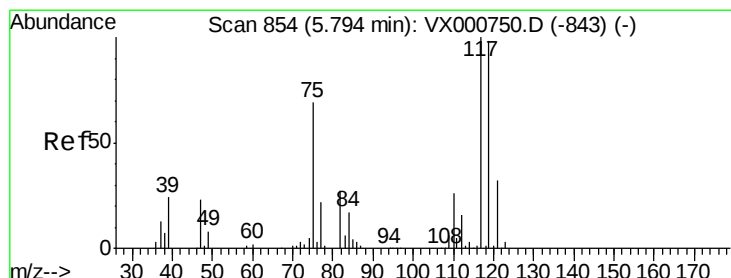
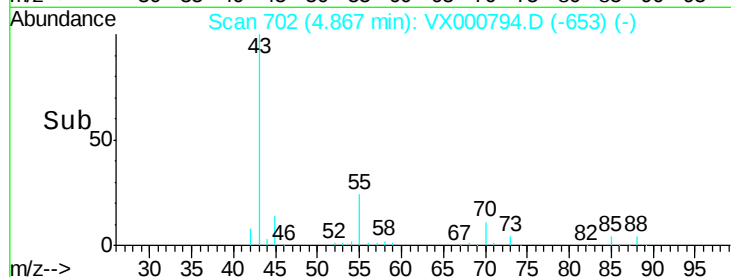
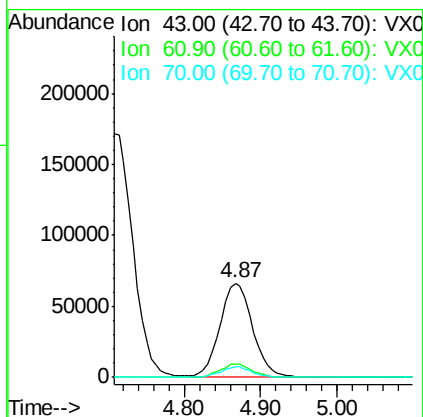
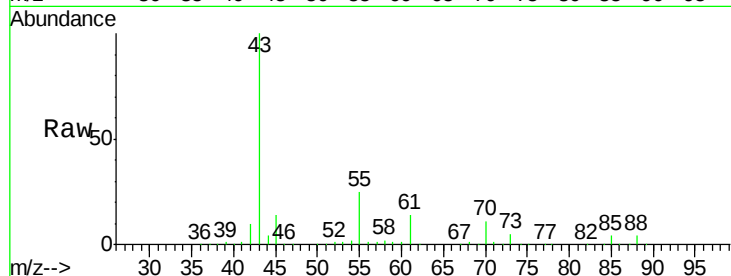




#37
Ethyl Acetate
Concen: 45.03 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX000794.D
Acq: 12 Apr 2018 11:09

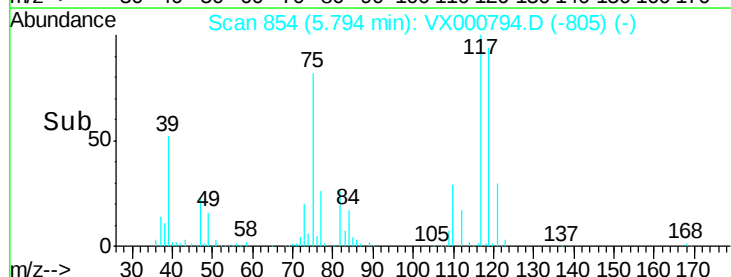
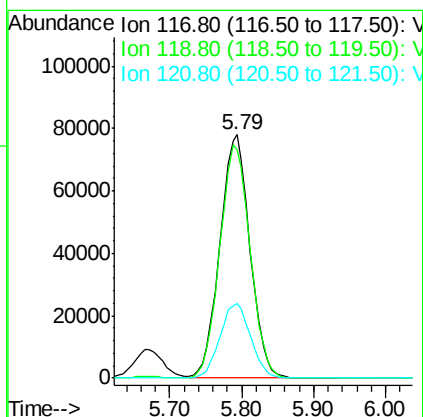
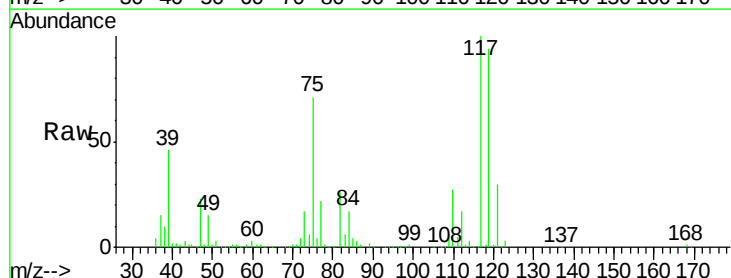
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

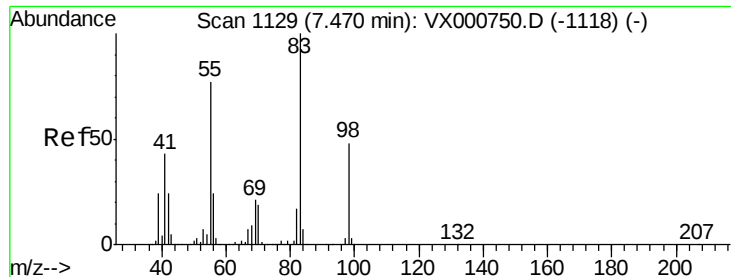
Tgt Ion: 43 Resp: 194994
Ion Ratio Lower Upper
43 100
61 13.8 11.0 16.4
70 10.8 8.7 13.1



#38
Carbon Tetrachloride
Concen: 45.63 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000794.D
Acq: 12 Apr 2018 11:09

Tgt Ion: 117 Resp: 226556
Ion Ratio Lower Upper
117 100
119 93.6 78.4 117.6
121 30.4 25.4 38.0

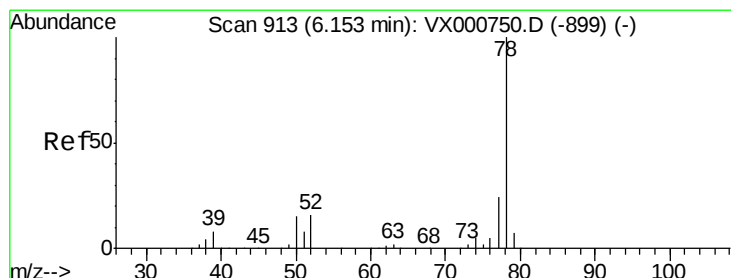
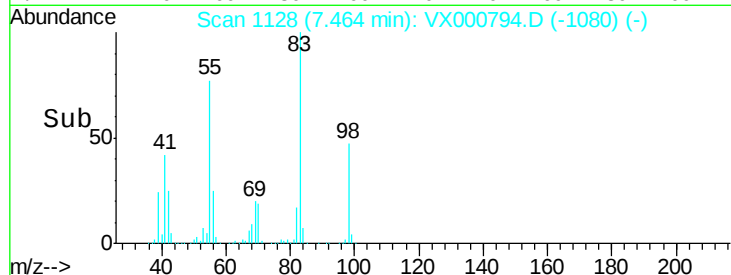
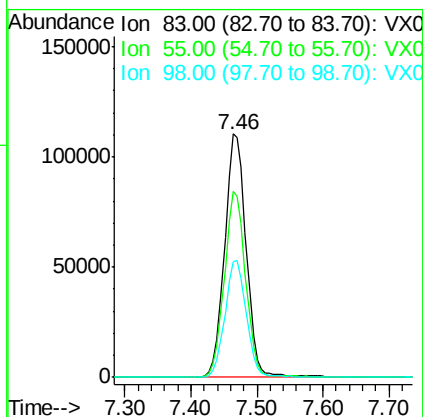
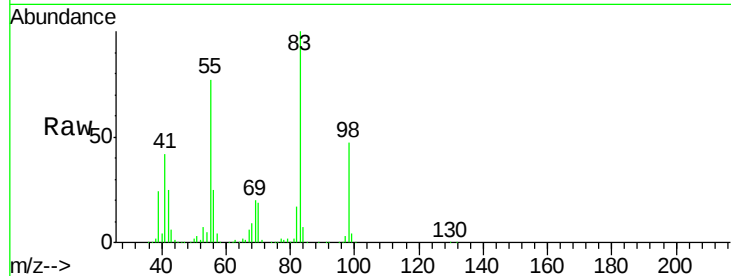




#39
Methylcyclohexane
Concen: 46.94 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.01 min
Lab File: VX000794.D
Acq: 12 Apr 2018 11:09

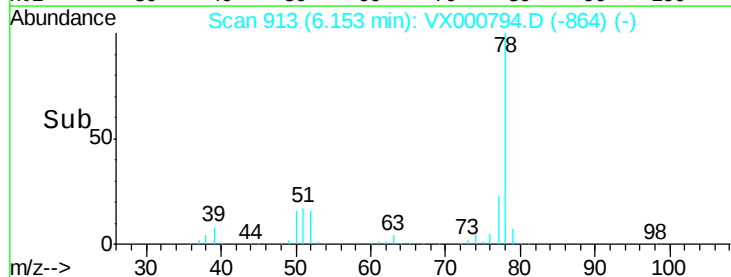
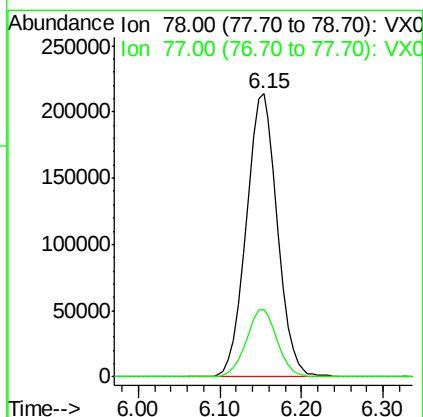
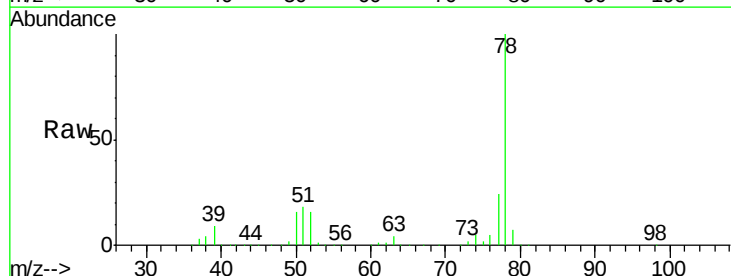
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

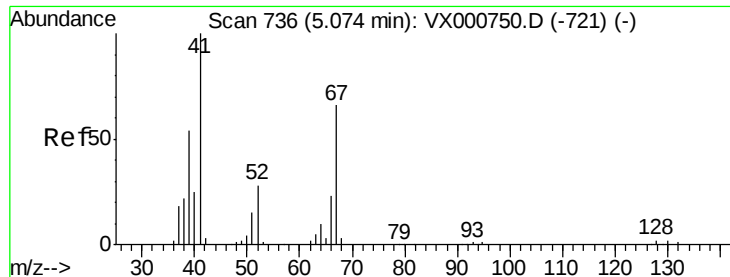
Tgt Ion: 83 Resp: 250074
Ion Ratio Lower Upper
83 100
55 76.5 61.5 92.3
98 47.3 38.1 57.1



#40
Benzene
Concen: 45.95 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000794.D
Acq: 12 Apr 2018 11:09

Tgt Ion: 78 Resp: 566378
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6





#41

Methacrylonitrile

Concen: 45.69 ug/l

RT: 5.07 min Scan# 735

Delta R.T. -0.01 min

Lab File: VX000794.D

Acq: 12 Apr 2018 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 114300

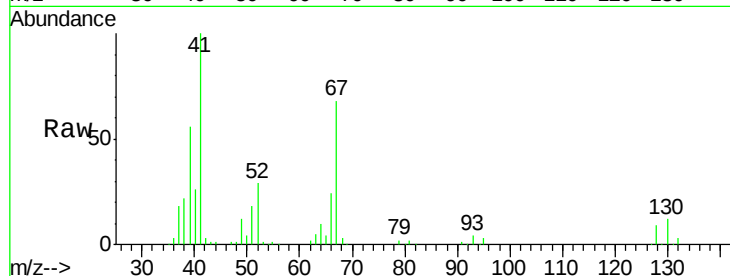
Ion Ratio Lower Upper

41 100

39 55.9 44.9 67.3

67 68.2 54.7 82.1

52 28.9 23.0 34.6

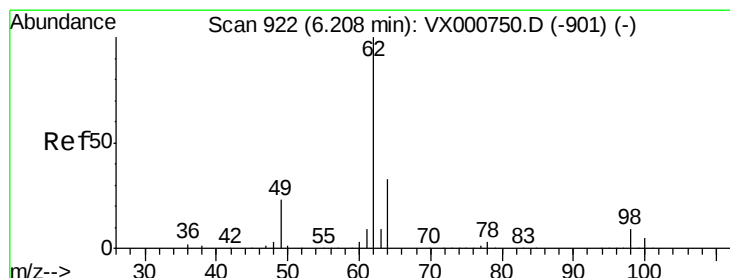
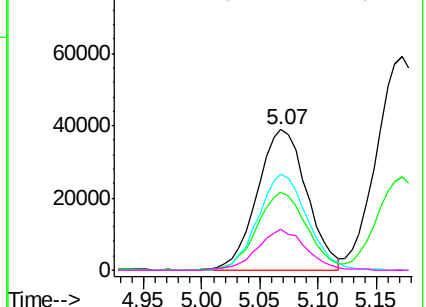
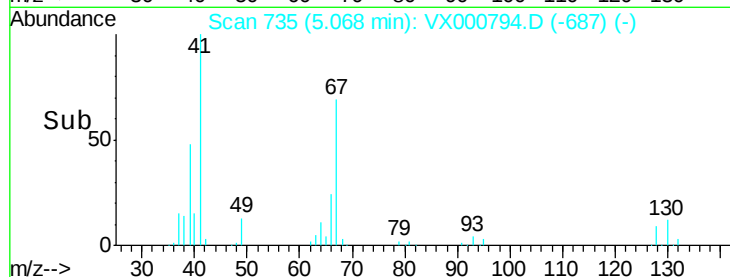


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 45.93 ug/l

RT: 6.20 min Scan# 921

Delta R.T. -0.01 min

Lab File: VX000794.D

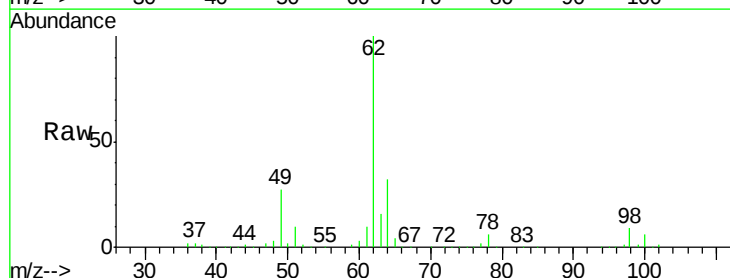
Acq: 12 Apr 2018 11:09

Tgt Ion: 62 Resp: 211456

Ion Ratio Lower Upper

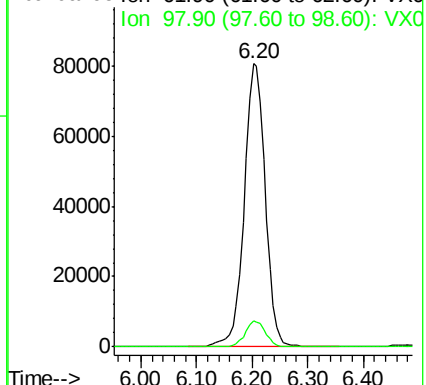
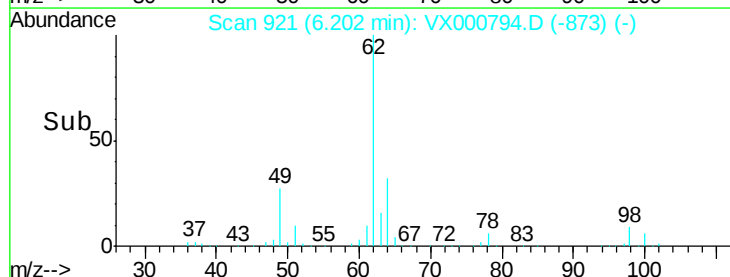
62 100

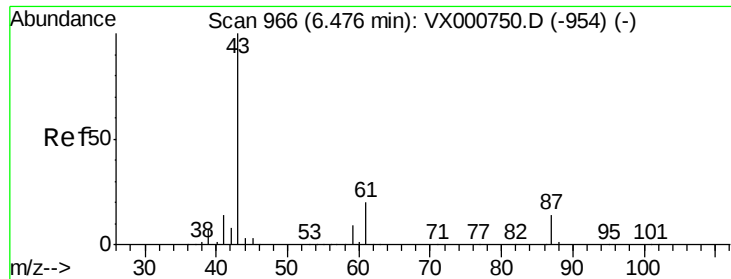
98 9.0 0.0 18.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

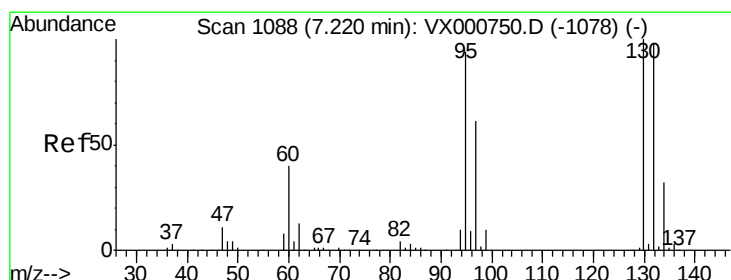
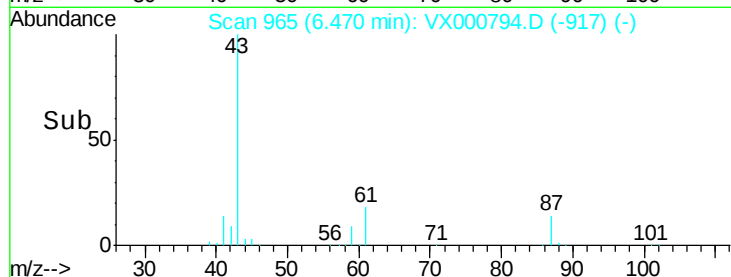
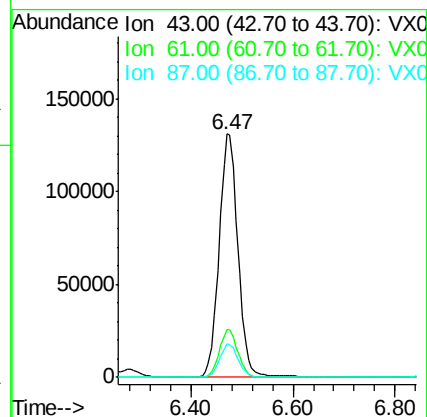
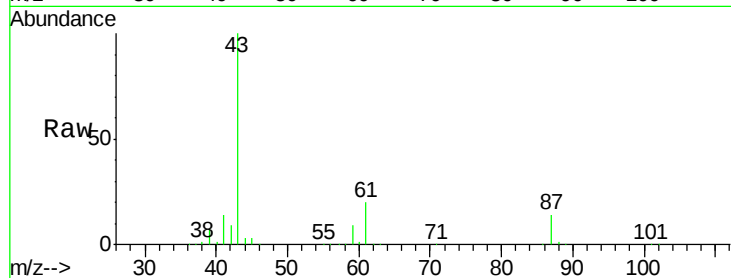




#43
Isopropyl Acetate
Concen: 45.05 ug/l
RT: 6.47 min Scan# 965
Delta R.T. -0.01 min
Lab File: VX000794.D
Acq: 12 Apr 2018 11:09

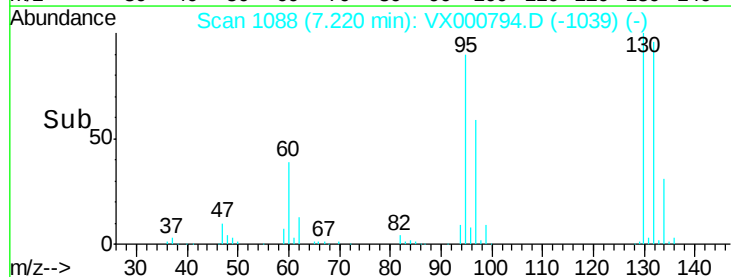
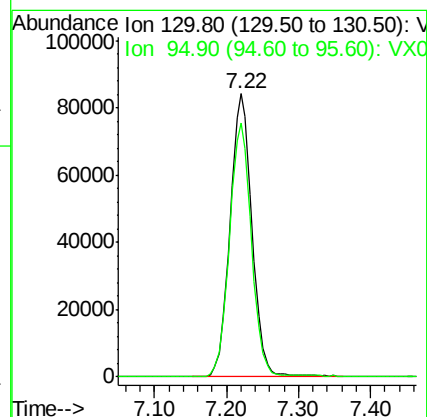
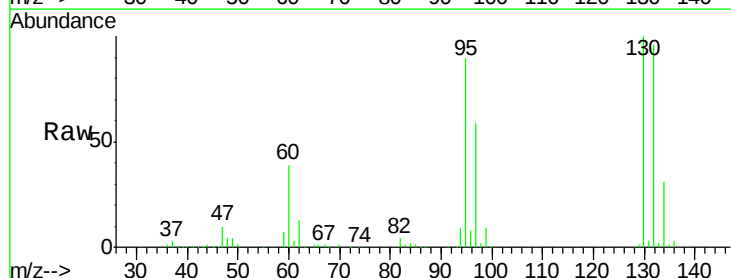
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

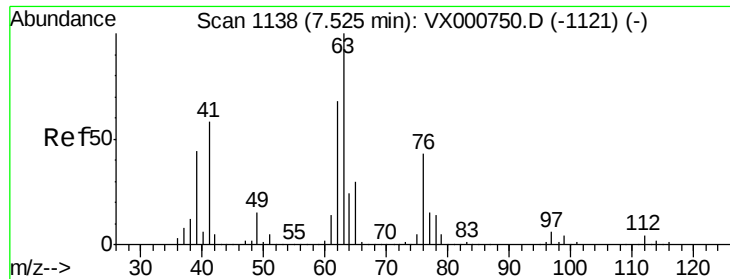
Tgt Ion: 43 Resp: 334471
Ion Ratio Lower Upper
43 100
61 19.5 15.6 23.4
87 13.6 10.7 16.1



#44
Trichloroethene
Concen: 46.66 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VX000794.D
Acq: 12 Apr 2018 11:09

Tgt Ion: 130 Resp: 178882
Ion Ratio Lower Upper
130 100
95 89.9 0.0 187.0

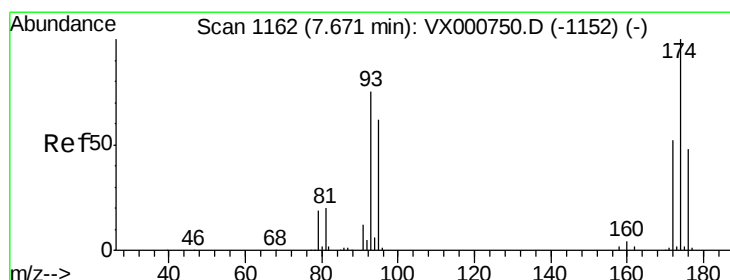
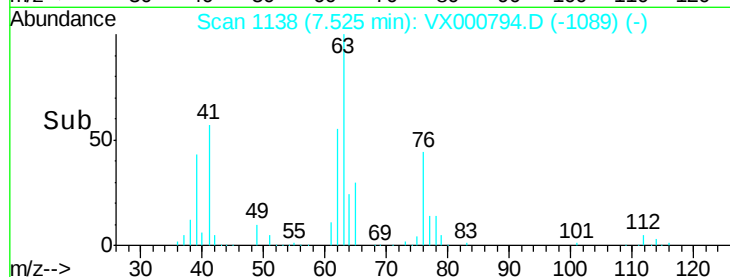
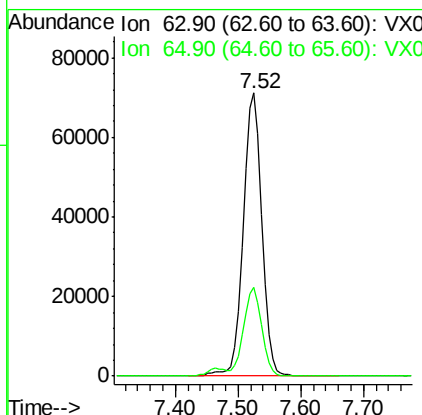
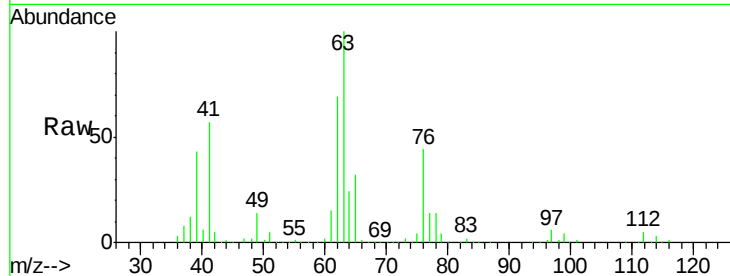




#45
 1,2-Dichloropropane
 Concen: 46.54 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000794.D
 Acq: 12 Apr 2018 11:09

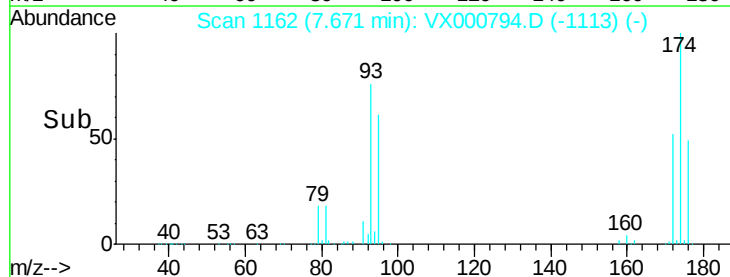
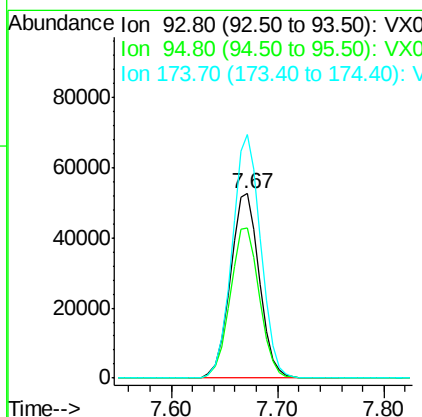
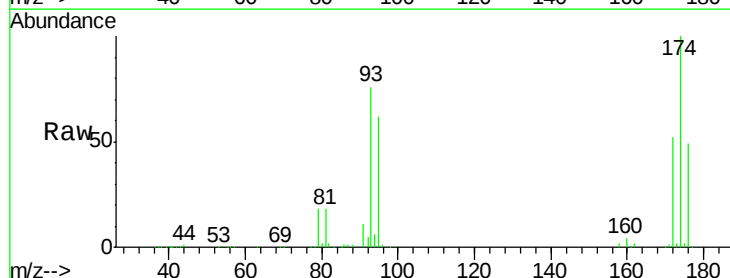
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

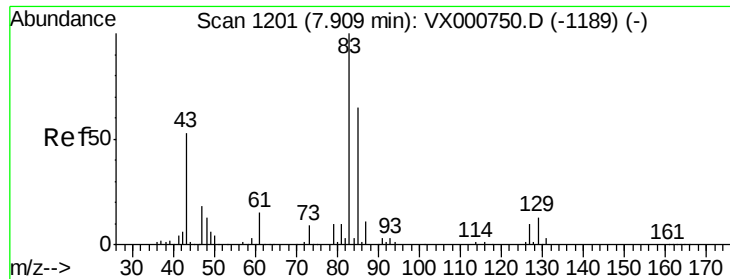
Tgt Ion: 63 Resp: 146086
 Ion Ratio Lower Upper
 63 100
 65 31.6 23.7 35.5



#46
 Dibromomethane
 Concen: 46.07 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000794.D
 Acq: 12 Apr 2018 11:09

Tgt Ion: 93 Resp: 100812
 Ion Ratio Lower Upper
 93 100
 95 82.1 66.6 100.0
 174 129.7 104.5 156.7





#47

Bromodichloromethane

Concen: 46.52 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX000794.D

Acq: 12 Apr 2018 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

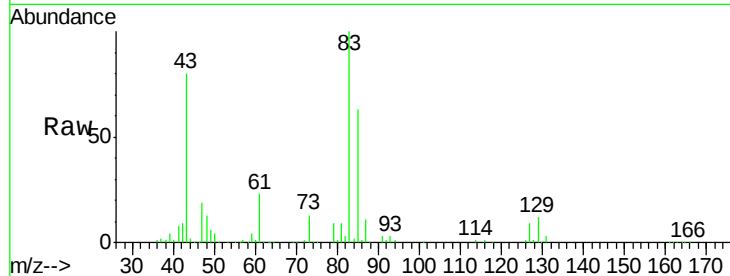
Tgt Ion: 83 Resp: 205467

Ion Ratio Lower Upper

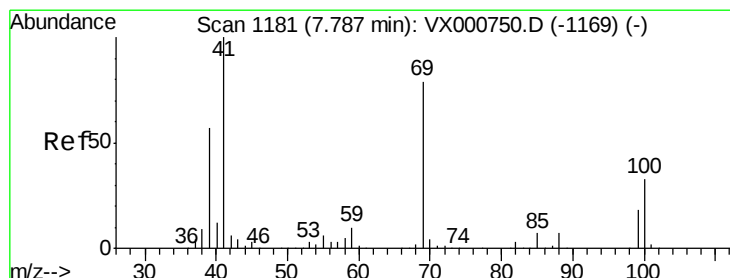
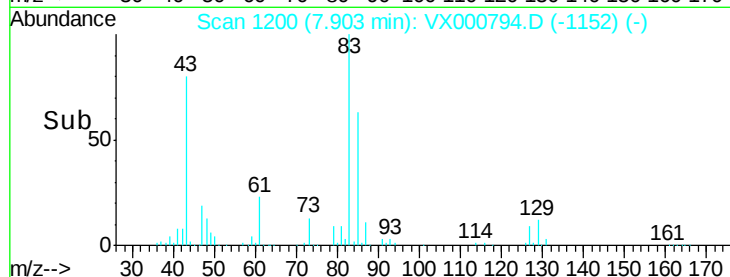
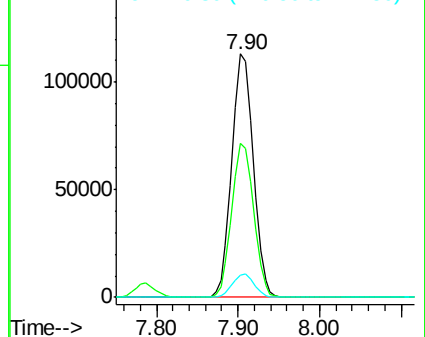
83 100

85 63.3 52.2 78.4

127 9.1 7.8 11.8



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



#48

Methyl methacrylate

Concen: 45.59 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VX000794.D

Acq: 12 Apr 2018 11:09

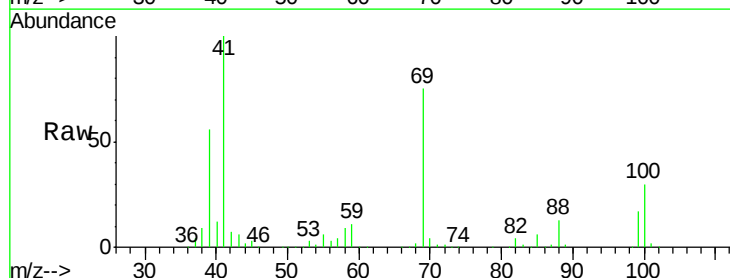
Tgt Ion: 41 Resp: 175446

Ion Ratio Lower Upper

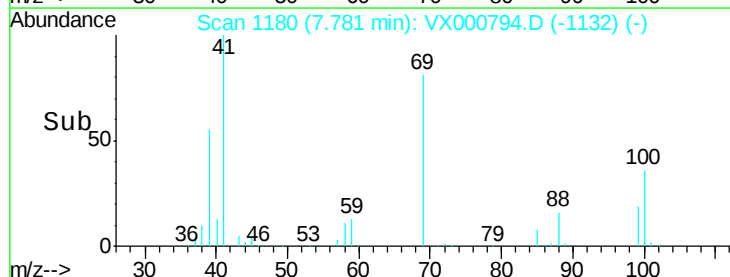
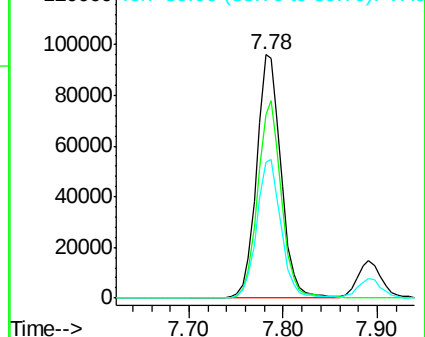
41 100

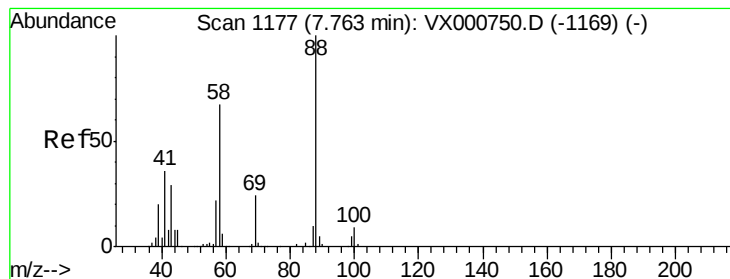
69 79.1 63.9 95.9

39 56.4 45.9 68.9



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





#49

1,4-Dioxane

Concen: 873.87 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. -0.00 min

Lab File: VX000794.D

Acq: 12 Apr 2018 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

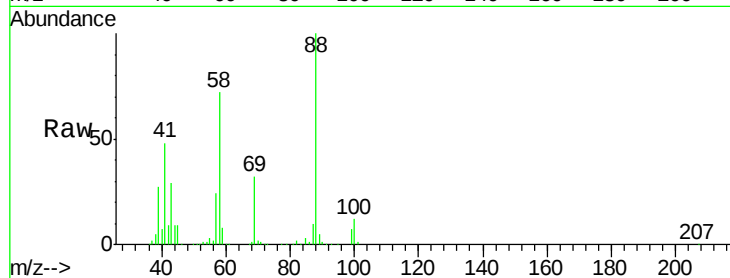
Tgt Ion: 88 Resp: 67585

Ion Ratio Lower Upper

88 100

43 33.5 25.8 38.8

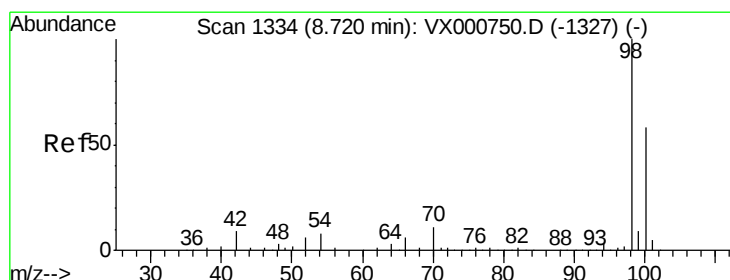
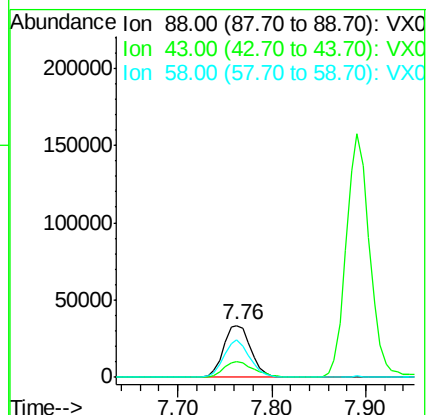
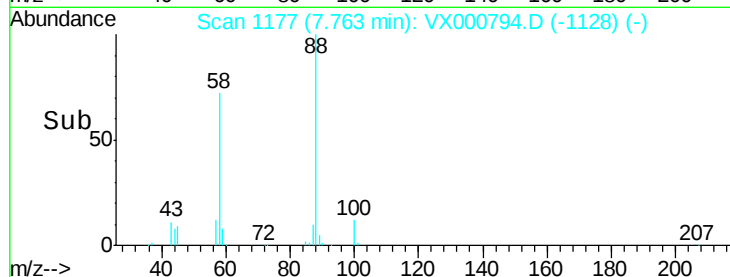
58 69.2 54.4 81.6



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.57 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX000794.D

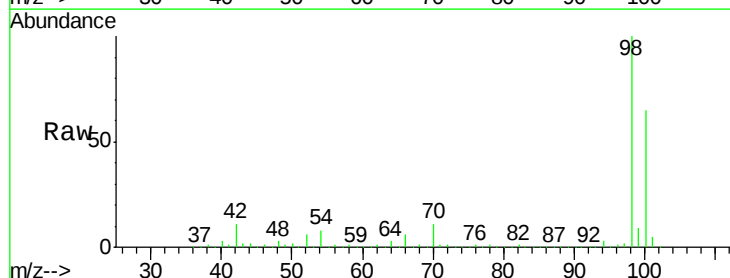
Acq: 12 Apr 2018 11:09

Tgt Ion: 98 Resp: 572749

Ion Ratio Lower Upper

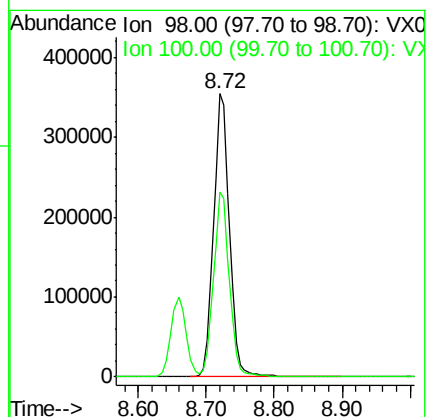
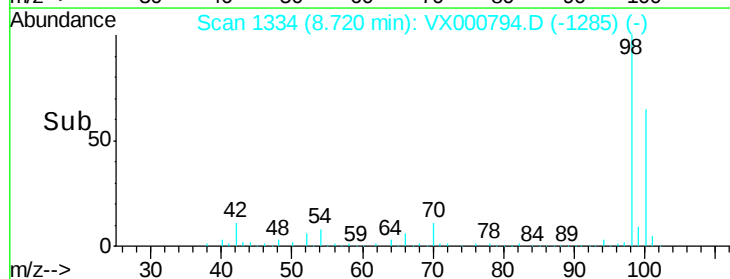
98 100

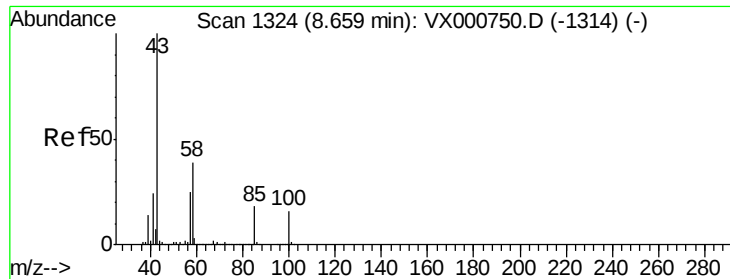
100 65.7 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

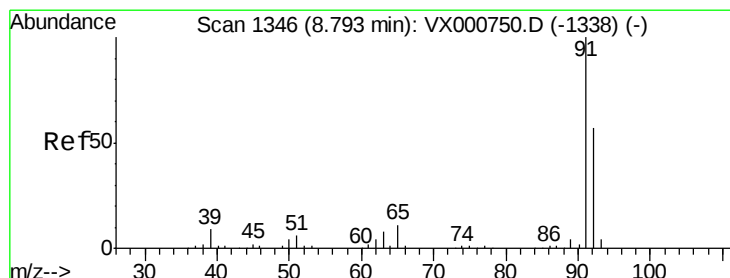
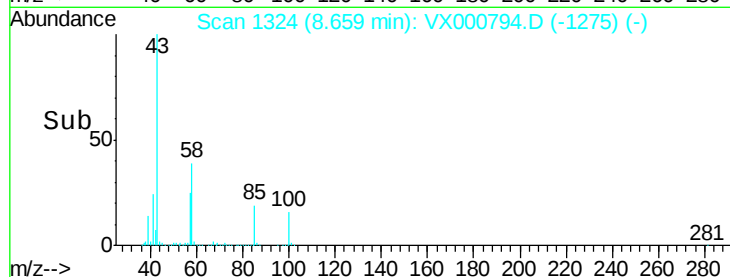
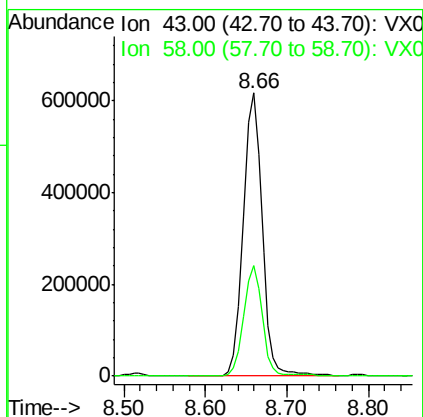
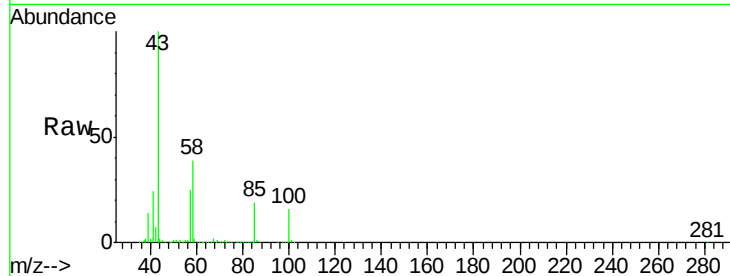




#51
 4-Methyl-2-Pentanone
 Concen: 227.77 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX000794.D
 Acq: 12 Apr 2018 11:09

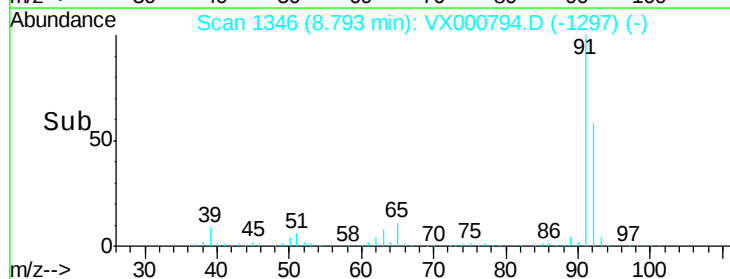
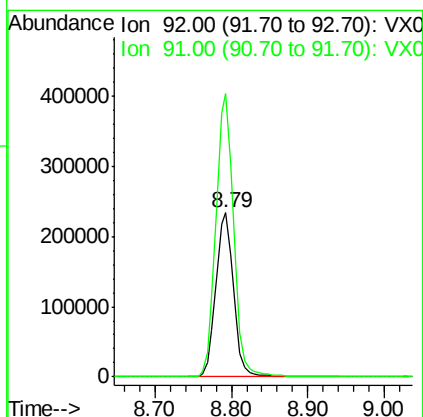
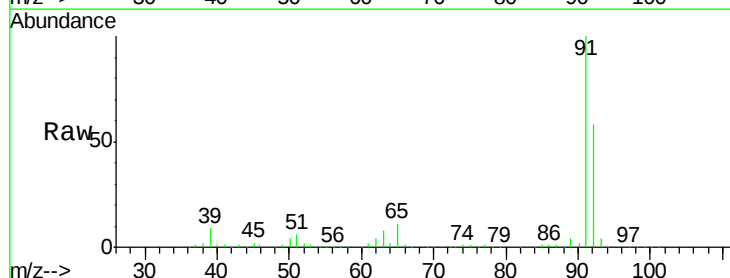
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

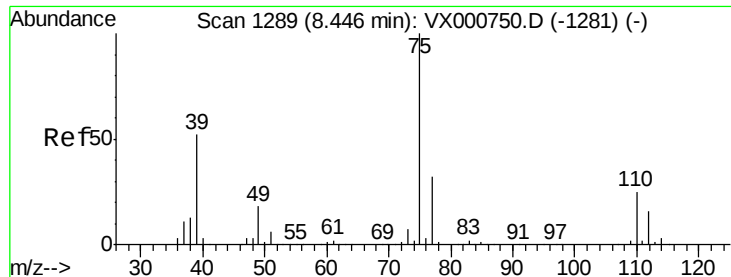
Tgt Ion: 43 Resp: 993368
 Ion Ratio Lower Upper
 43 100
 58 38.0 30.3 45.5



#52
 Toluene
 Concen: 45.73 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: VX000794.D
 Acq: 12 Apr 2018 11:09

Tgt Ion: 92 Resp: 373950
 Ion Ratio Lower Upper
 92 100
 91 173.3 139.0 208.4





#53

t-1,3-Dichloropropene

Concen: 47.28 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VX000794.D

Acq: 12 Apr 2018 11:09

Instrument :

MSVOA_X

ClientSampleId :

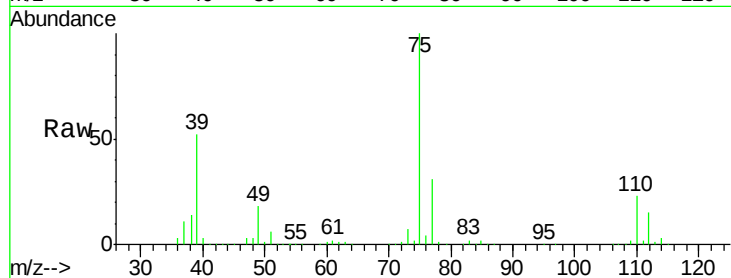
VSTDCCC050

Tgt Ion: 75 Resp: 250468

Ion Ratio Lower Upper

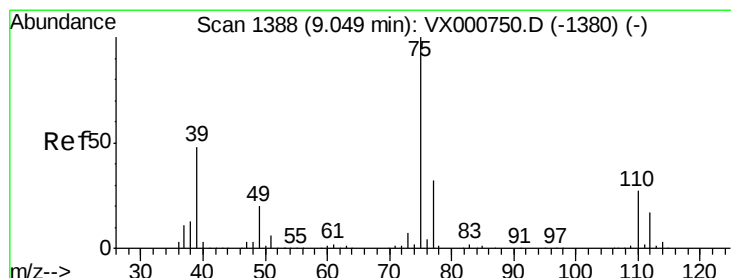
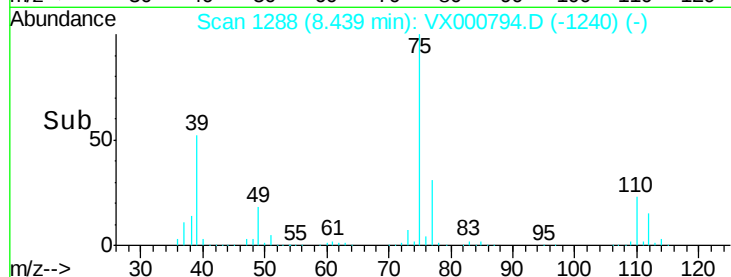
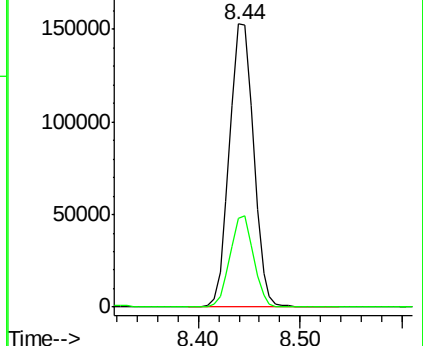
75 100

77 31.1 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 46.57 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000794.D

Acq: 12 Apr 2018 11:09

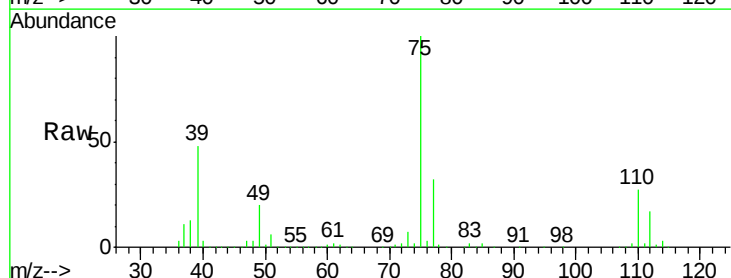
Tgt Ion: 75 Resp: 240211

Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.2

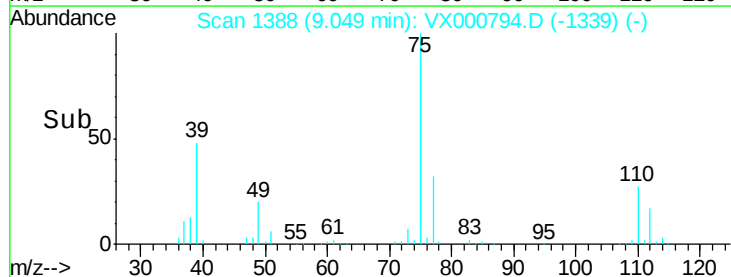
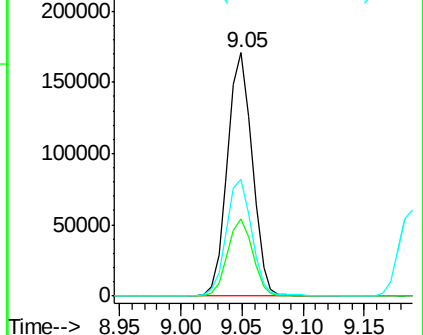
39 47.9 38.6 58.0

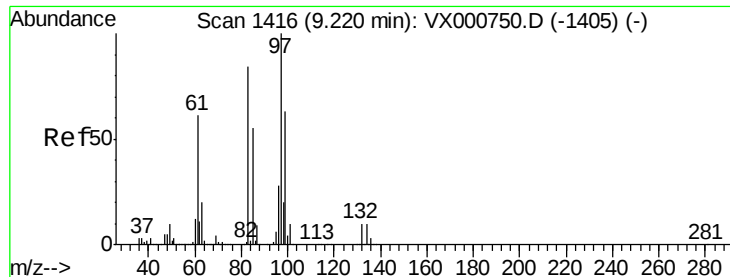


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 46.08 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VX000794.D

Acq: 12 Apr 2018 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 149599

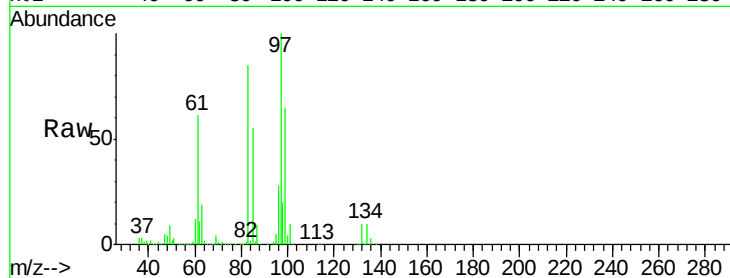
Ion Ratio Lower Upper

97 100

83 85.3 67.6 101.4

85 54.6 43.8 65.6

99 64.6 50.2 75.4

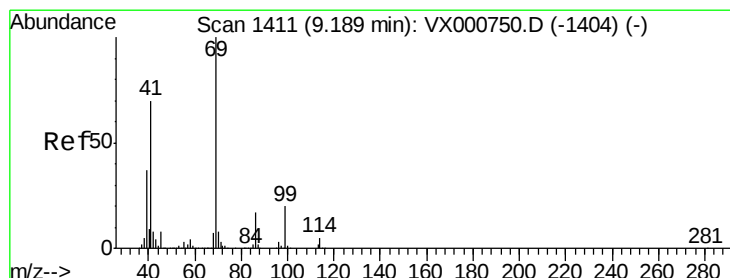
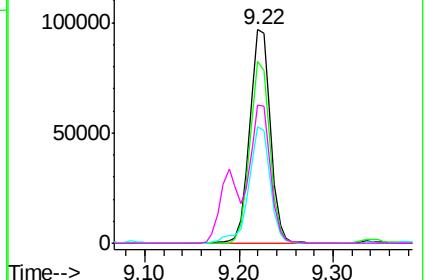
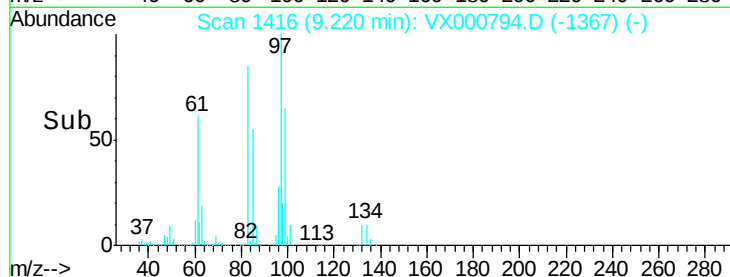


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 45.91 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. -0.00 min

Lab File: VX000794.D

Acq: 12 Apr 2018 11:09

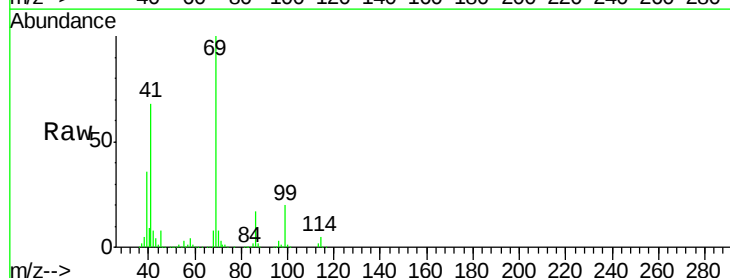
Tgt Ion: 69 Resp: 229909

Ion Ratio Lower Upper

69 100

41 69.0 55.6 83.4

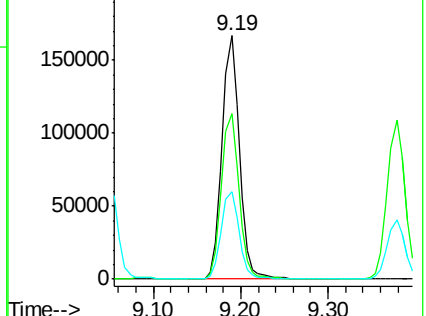
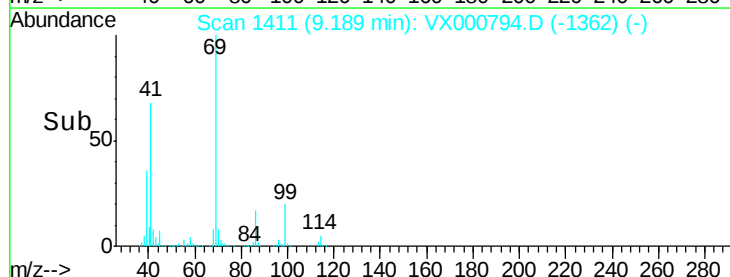
39 36.7 30.3 45.5

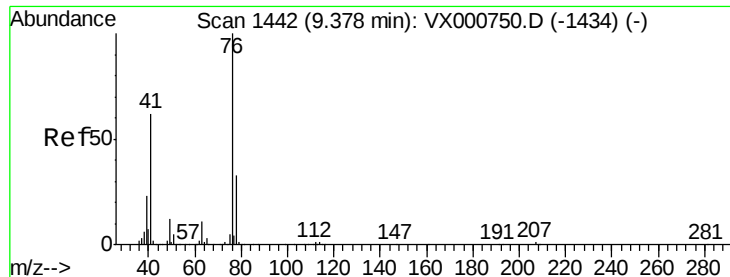


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 46.94 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX000794.D

Acq: 12 Apr 2018 11:09

Instrument :

MSVOA_X

ClientSampleId :

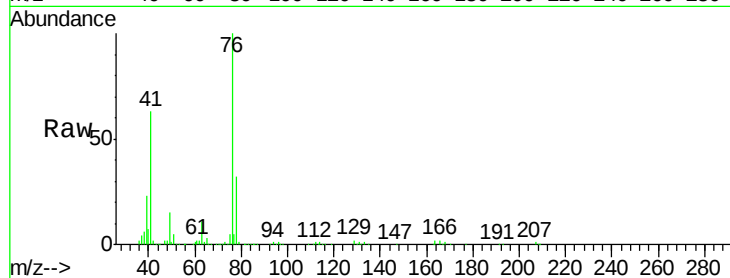
VSTDCCC050

Tgt Ion: 76 Resp: 242237

Ion Ratio Lower Upper

76 100

78 32.0 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.38

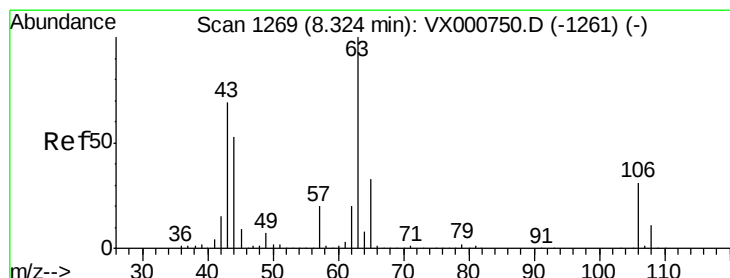
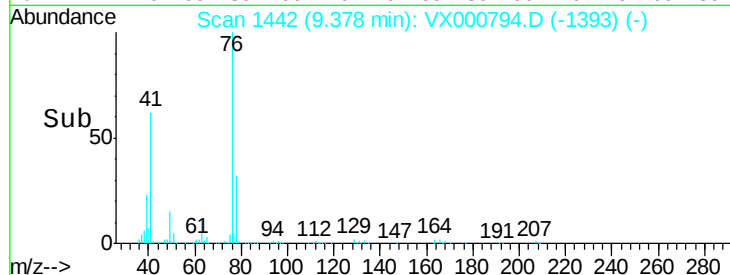
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 233.24 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VX000794.D

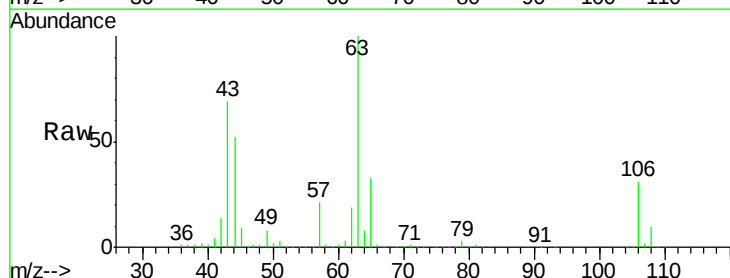
Acq: 12 Apr 2018 11:09

Tgt Ion: 63 Resp: 545726

Ion Ratio Lower Upper

63 100

106 30.3 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.32

400000

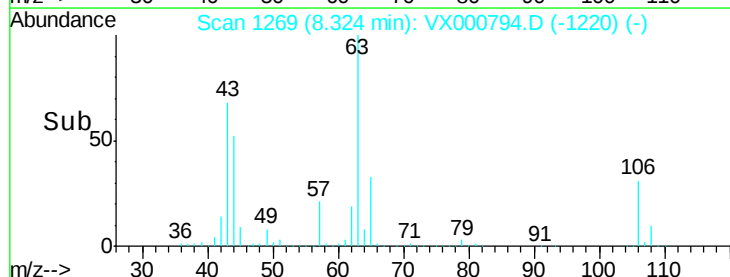
300000

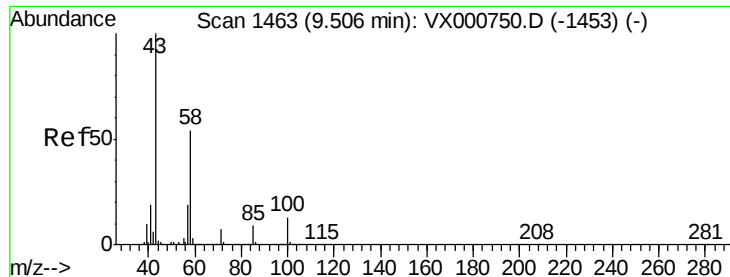
200000

100000

0

Time-->

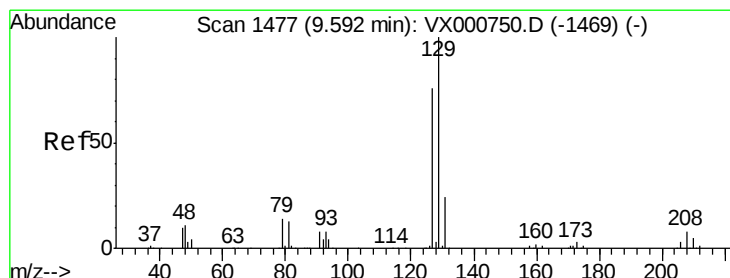
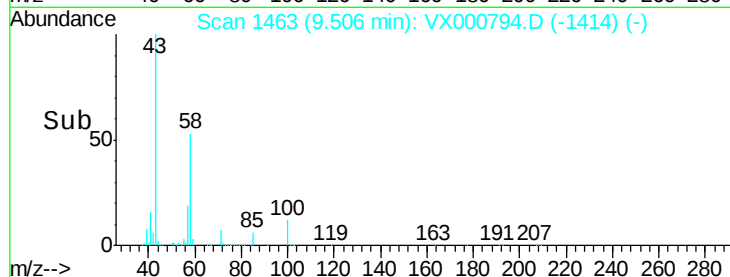
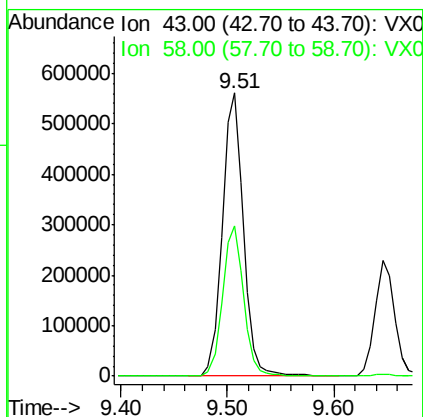
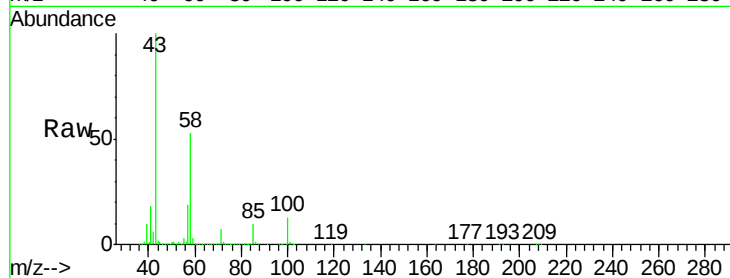




#59
2-Hexanone
Concen: 229.50 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000794.D
Acq: 12 Apr 2018 11:09

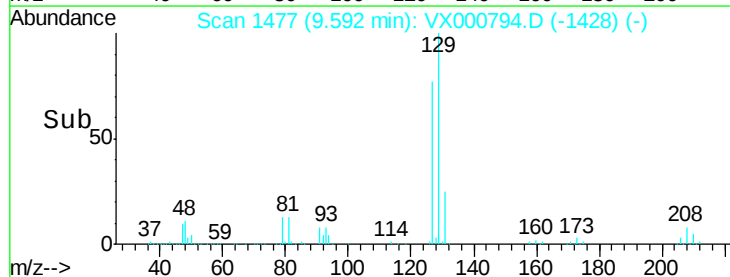
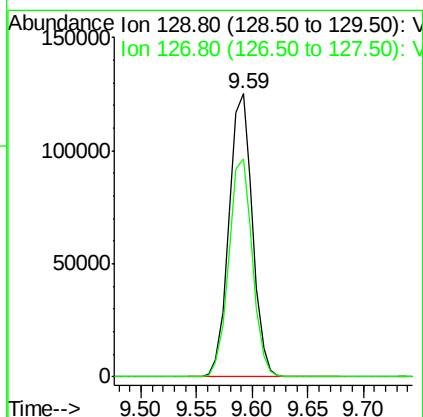
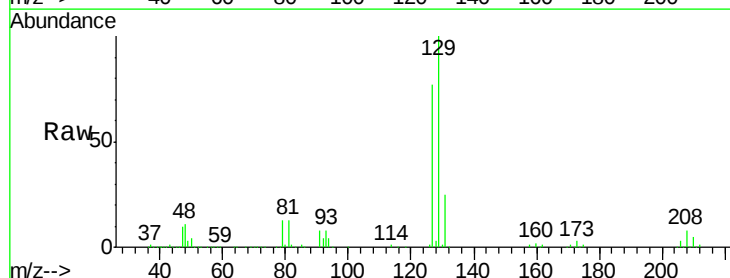
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

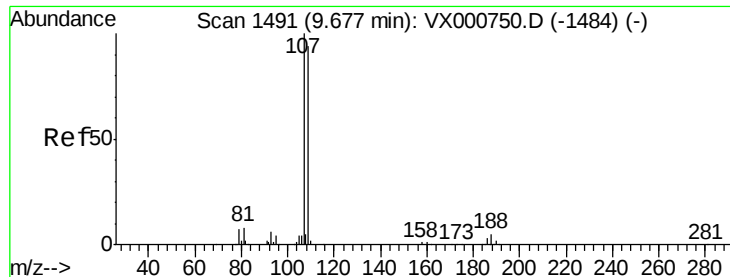
Tgt Ion: 43 Resp: 772701
Ion Ratio Lower Upper
43 100
58 53.2 26.5 79.5



#60
Dibromochloromethane
Concen: 46.81 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000794.D
Acq: 12 Apr 2018 11:09

Tgt Ion: 129 Resp: 181825
Ion Ratio Lower Upper
129 100
127 77.4 38.4 115.1





#61

1,2-Dibromoethane

Concen: 46.39 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX000794.D

Acq: 12 Apr 2018 11:09

Instrument :

MSVOA_X

ClientSampleId :

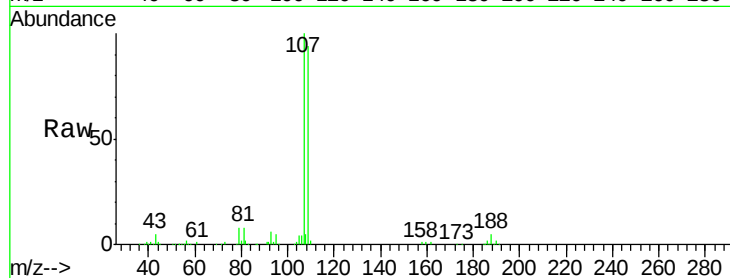
VSTDCCC050

Tgt Ion: 107 Resp: 159773

Ion Ratio Lower Upper

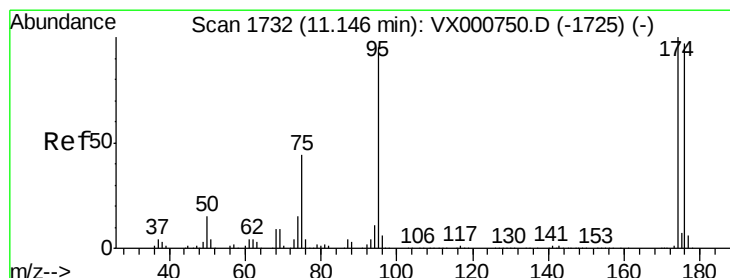
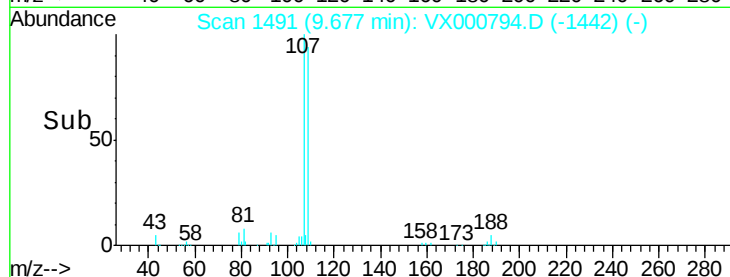
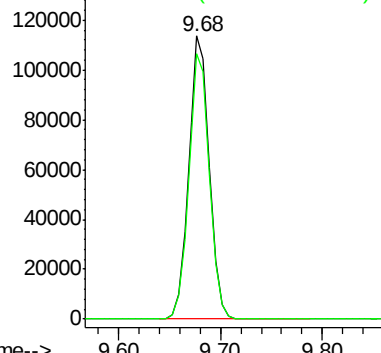
107 100

109 94.2 76.2 114.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.23 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.01 min

Lab File: VX000794.D

Acq: 12 Apr 2018 11:09

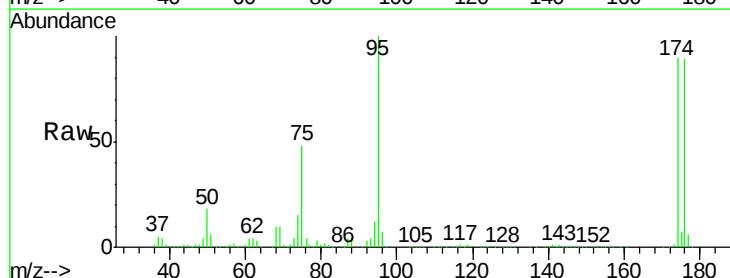
Tgt Ion: 95 Resp: 235364

Ion Ratio Lower Upper

95 100

174 98.9 0.0 198.4

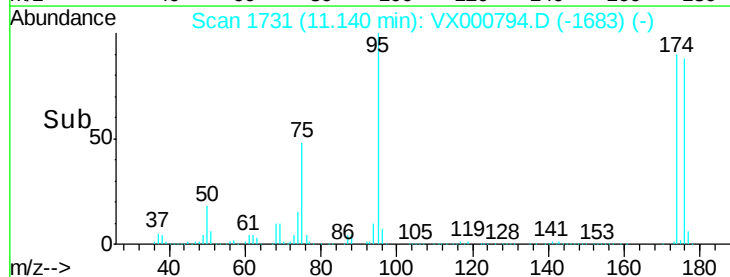
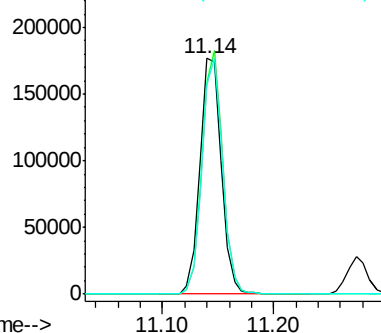
176 96.4 0.0 194.4

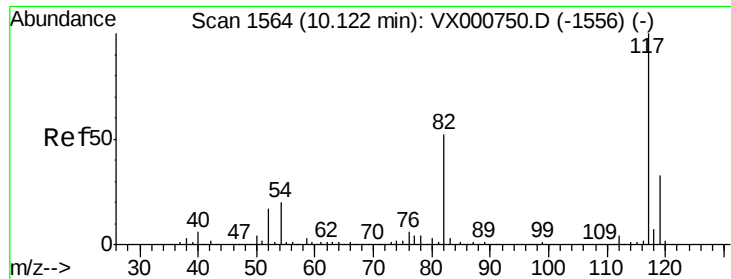


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

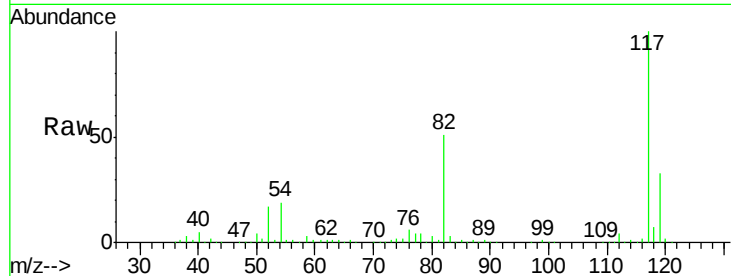




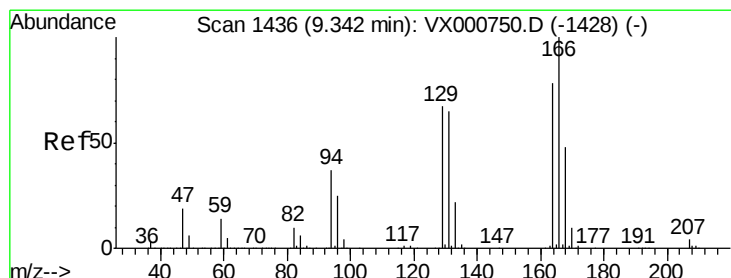
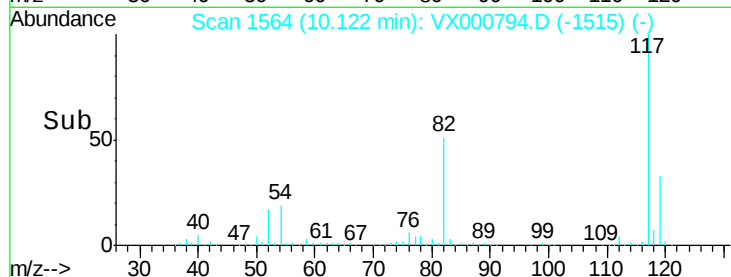
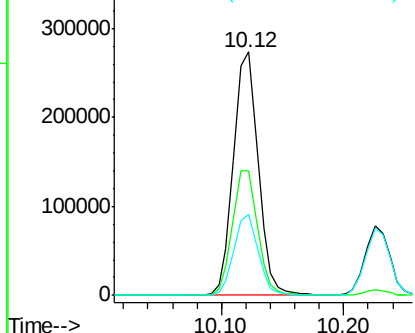
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000794.D
Acq: 12 Apr 2018 11:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 382701
Ion Ratio Lower Upper
117 100
82 51.2 41.9 62.9
119 33.2 26.0 39.0

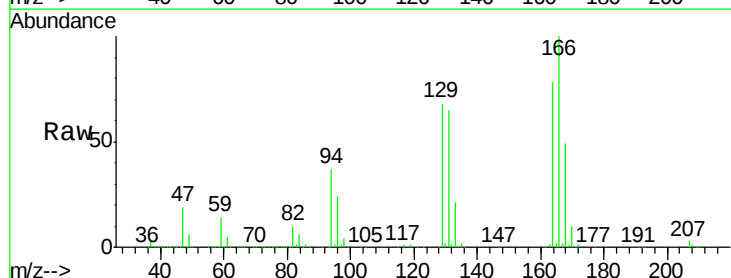


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

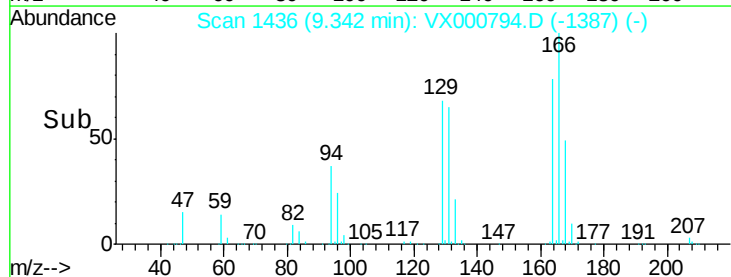
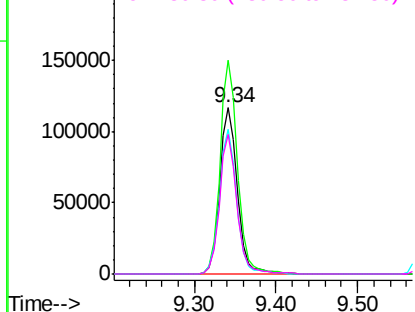


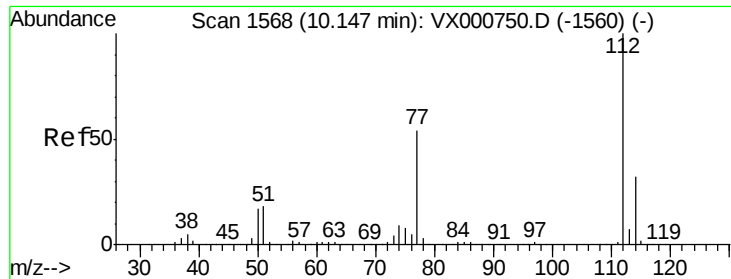
#64
Tetrachloroethene
Concen: 47.11 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000794.D
Acq: 12 Apr 2018 11:09

Tgt Ion:164 Resp: 176278
Ion Ratio Lower Upper
164 100
166 128.5 102.8 154.2
129 87.3 68.5 102.7
131 84.2 66.6 100.0



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

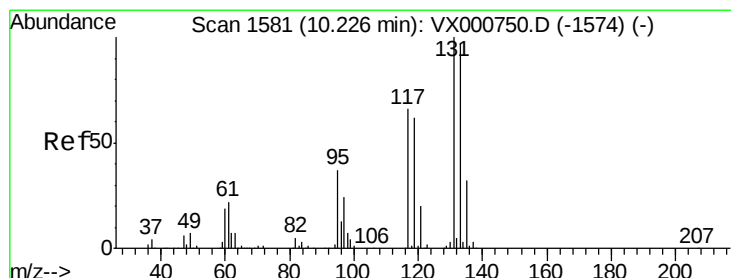
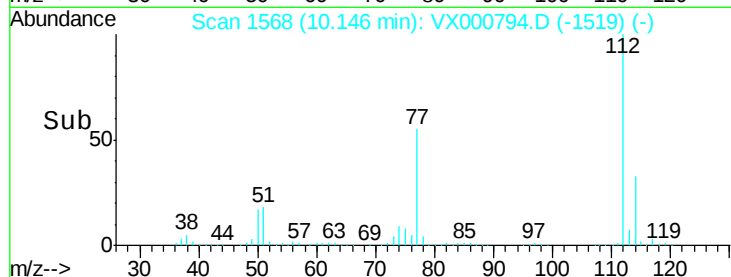
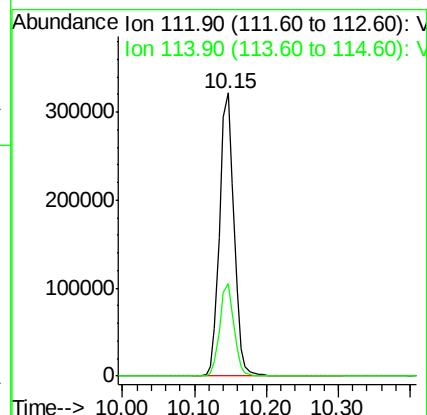
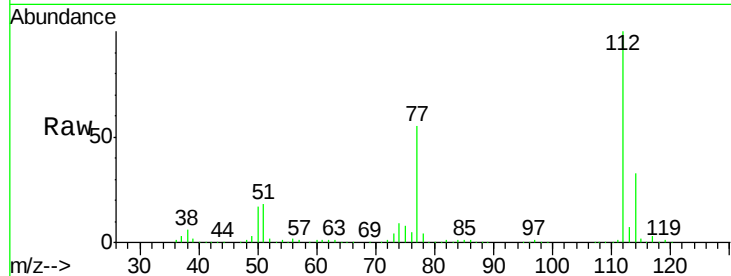




#65
Chlorobenzene
Concen: 46.31 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000794.D
Acq: 12 Apr 2018 11:09

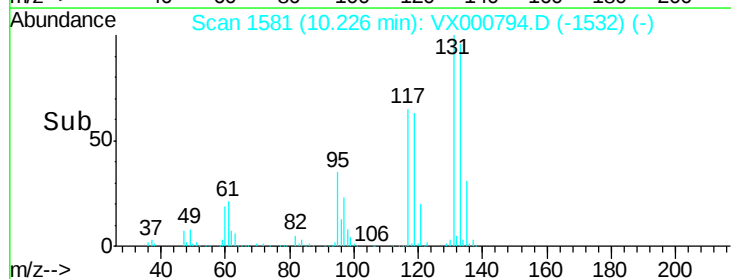
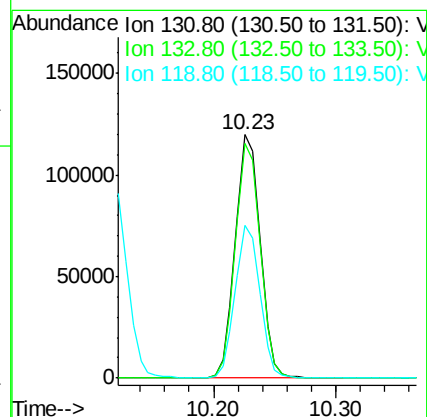
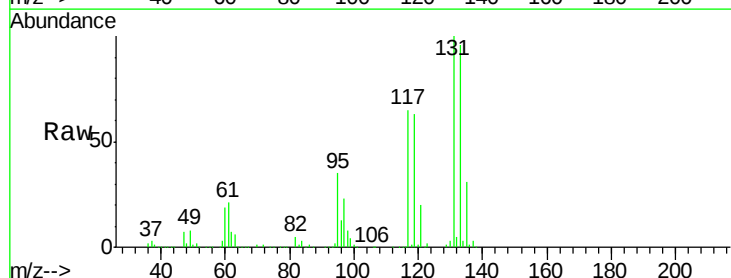
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

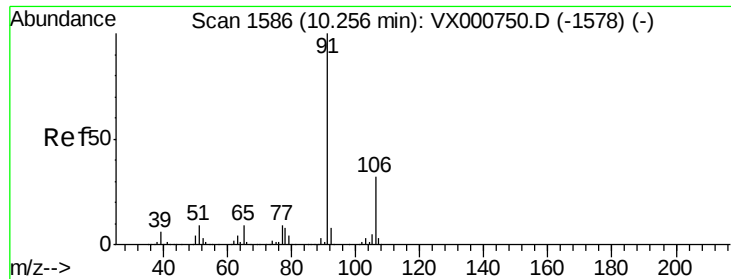
Tgt Ion:112 Resp: 445875
Ion Ratio Lower Upper
112 100
114 32.7 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 46.54 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX000794.D
Acq: 12 Apr 2018 11:09

Tgt Ion:131 Resp: 168642
Ion Ratio Lower Upper
131 100
133 96.3 48.3 144.9
119 62.5 31.4 94.0

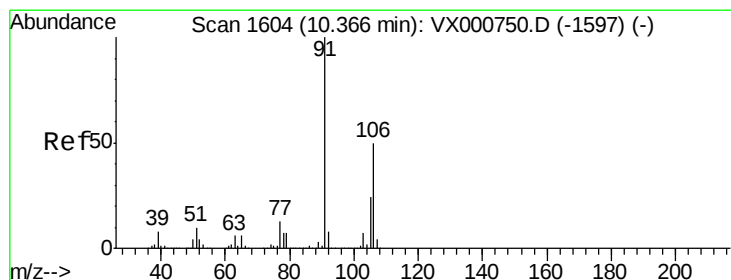
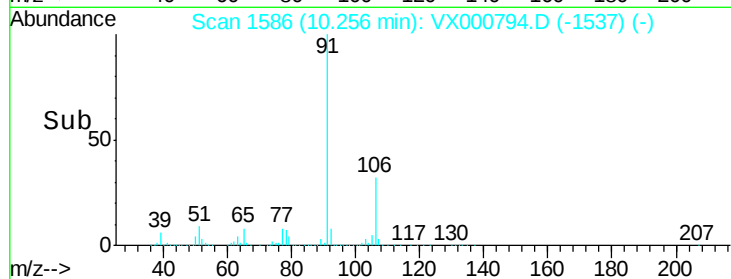
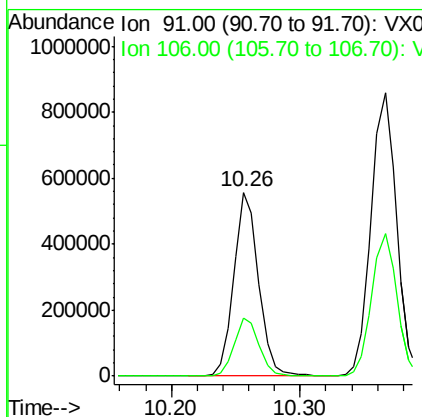
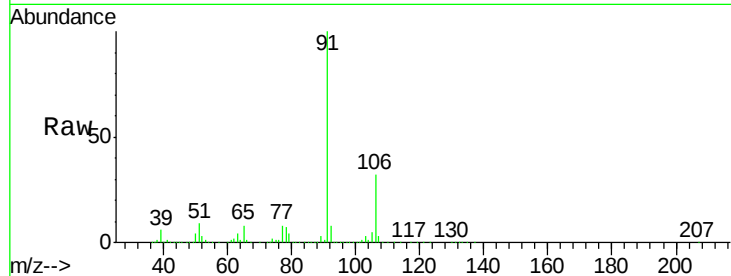




#67
Ethyl Benzene
Concen: 46.43 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX000794.D
Acq: 12 Apr 2018 11:09

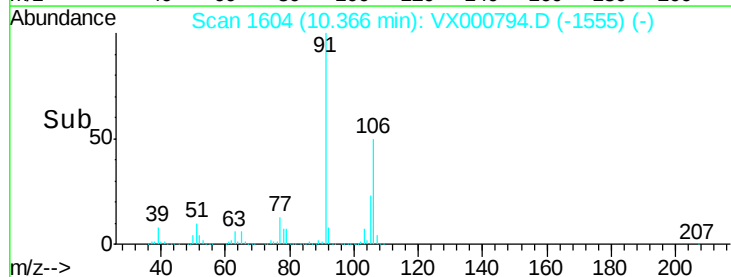
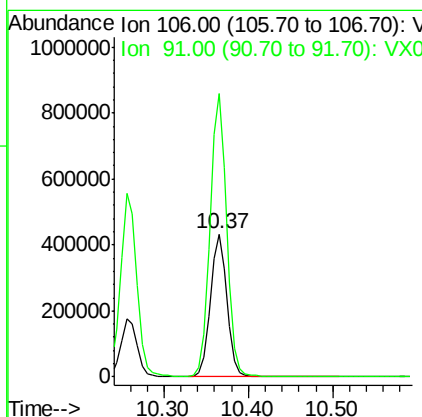
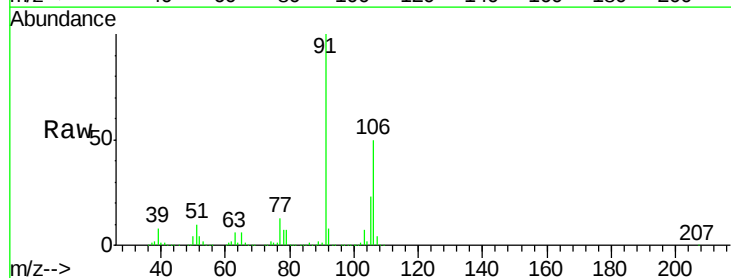
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

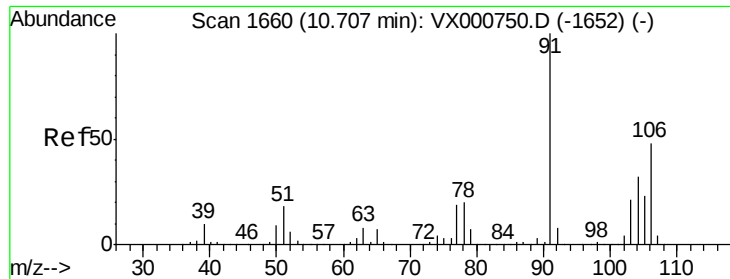
Tgt Ion: 91 Resp: 745200
Ion Ratio Lower Upper
91 100
106 31.8 25.4 38.0



#68
m/p-Xylenes
Concen: 93.03 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000794.D
Acq: 12 Apr 2018 11:09

Tgt Ion: 106 Resp: 589379
Ion Ratio Lower Upper
106 100
91 199.4 159.3 238.9

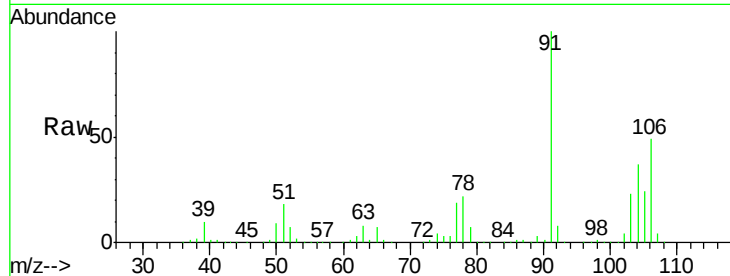




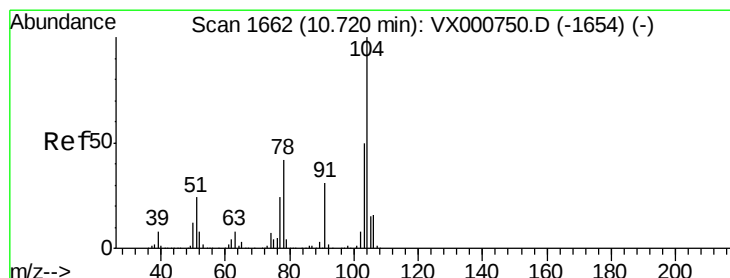
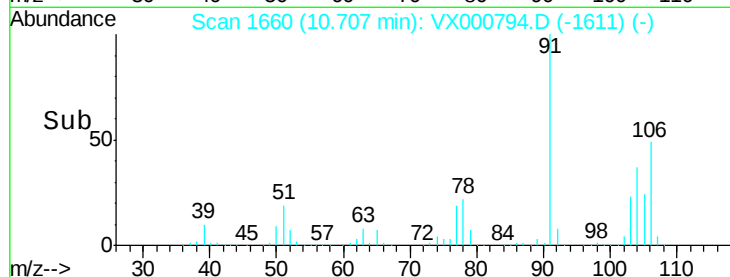
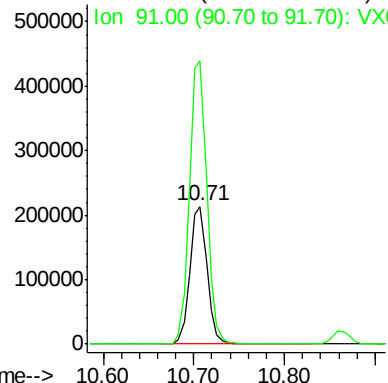
#69
o-Xylene
Concen: 46.57 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000794.D
Acq: 12 Apr 2018 11:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 284383
Ion Ratio Lower Upper
106 100
91 209.2 105.0 315.0

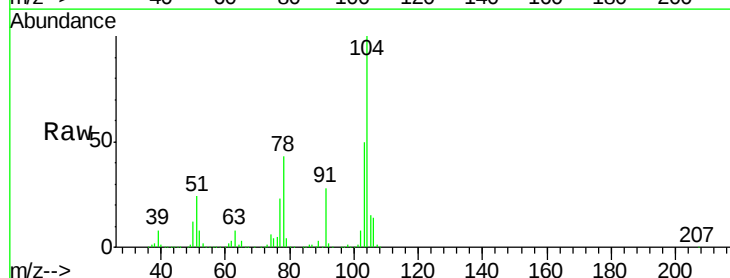


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

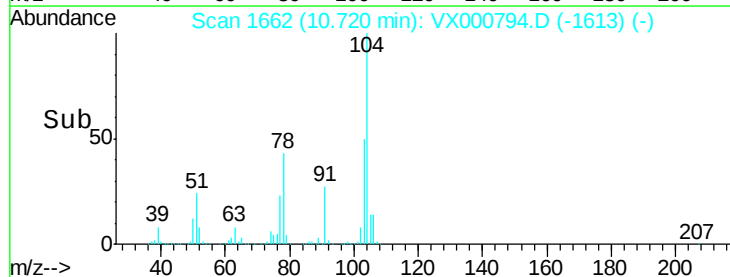
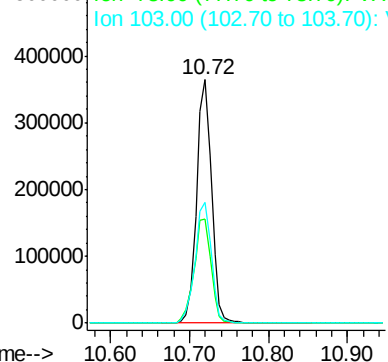


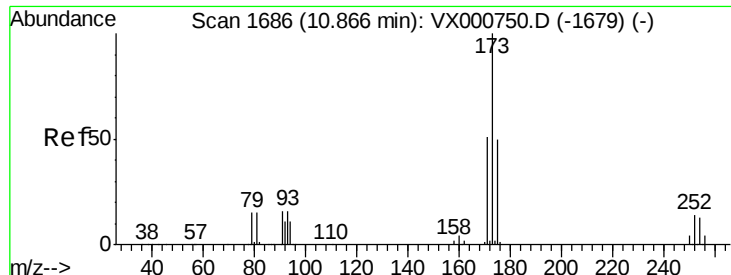
#70
Styrene
Concen: 46.64 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000794.D
Acq: 12 Apr 2018 11:09

Tgt Ion:104 Resp: 480168
Ion Ratio Lower Upper
104 100
78 49.0 39.0 58.6
103 54.9 44.1 66.1



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

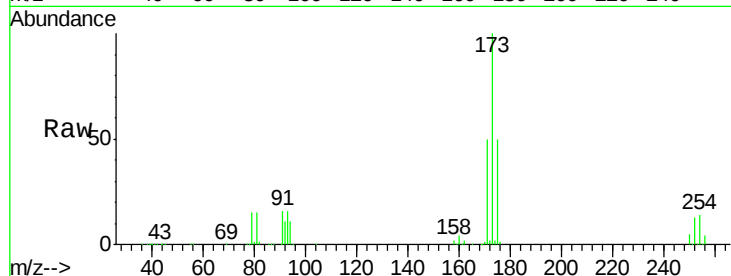




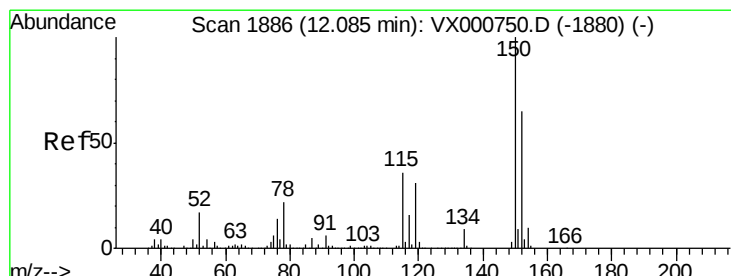
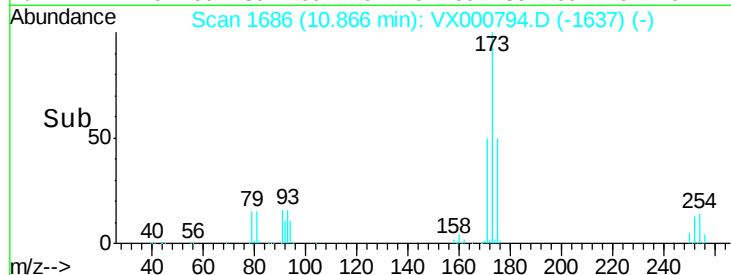
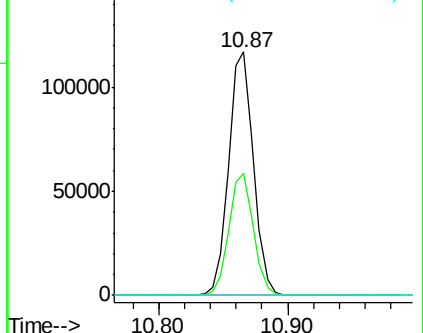
#71
 Bromoform
 Concen: 46.92 ug/l
 RT: 10.87 min Scan# 1686
 Delta R.T. -0.00 min
 Lab File: VX000794.D
 Acq: 12 Apr 2018 11:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:173 Resp: 157408
 Ion Ratio Lower Upper
 173 100
 175 49.5 24.5 73.5
 254 0.2 0.2 0.2

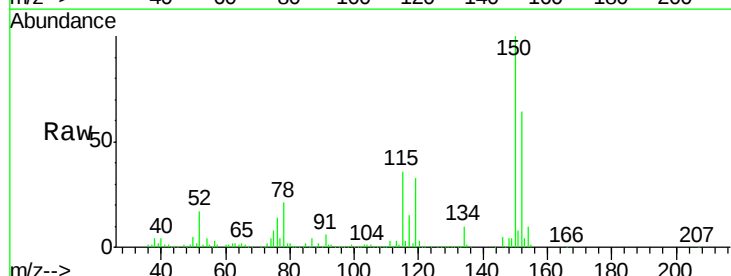


Abundance Ion 172.70 (172.40 to 173.40): V
 Ion 174.70 (174.40 to 175.40): V
 Ion 254.40 (254.10 to 255.10): V

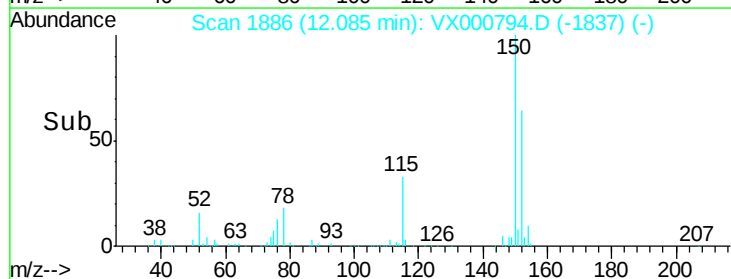
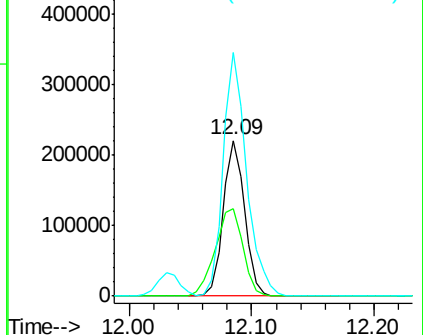


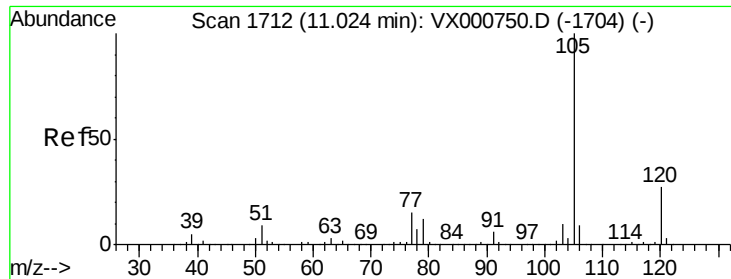
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.09 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX000794.D
 Acq: 12 Apr 2018 11:09

Tgt Ion:152 Resp: 265266
 Ion Ratio Lower Upper
 152 100
 115 73.4 37.9 113.7
 150 172.4 0.0 348.0



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: 46.23 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000794.D

Acq: 12 Apr 2018 11:09

Instrument :

MSVOA_X

ClientSampleId :

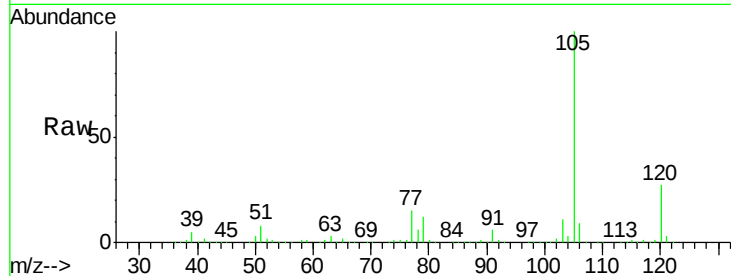
VSTDCCC050

Tgt Ion:105 Resp: 777989

Ion Ratio Lower Upper

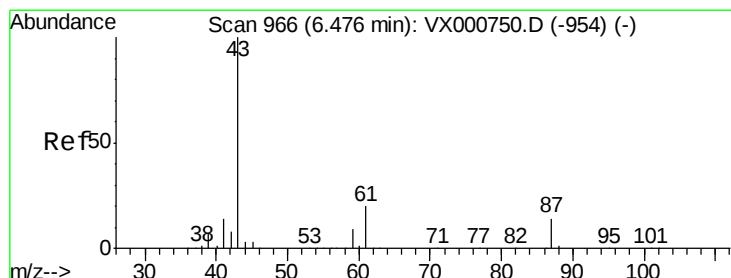
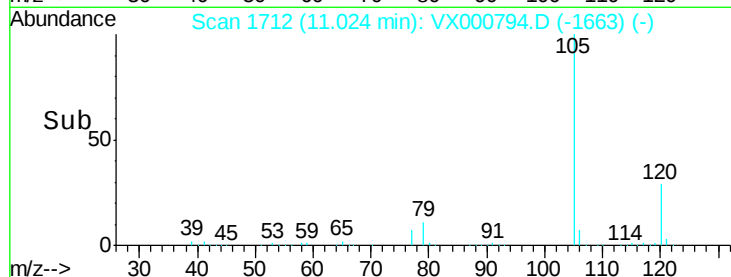
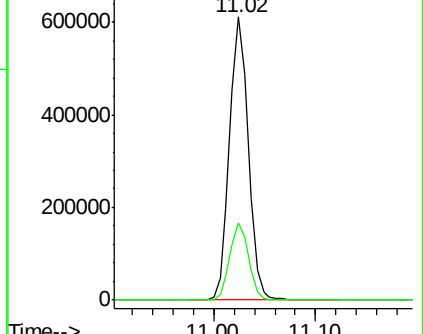
105 100

120 27.3 13.7 41.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 44.14 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX000794.D

Acq: 12 Apr 2018 11:09

Tgt Ion: 43 Resp: 334471

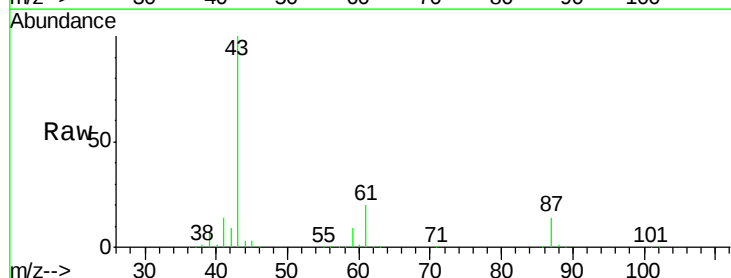
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 19.5 15.6 23.4

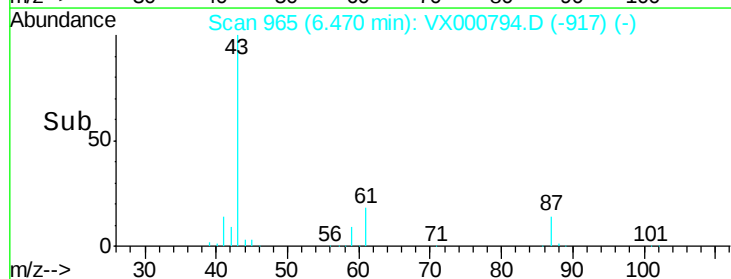
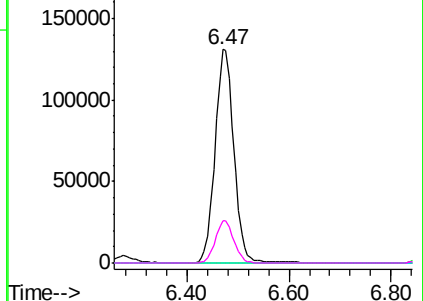


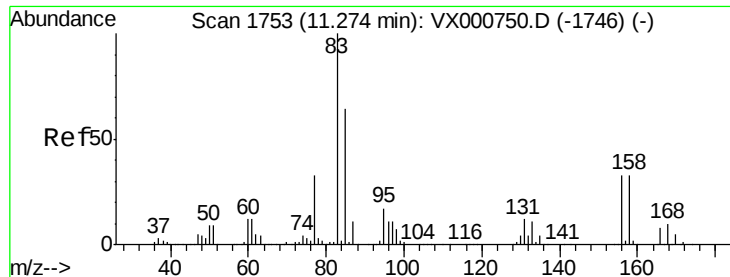
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 44.80 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000794.D

Acq: 12 Apr 2018 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

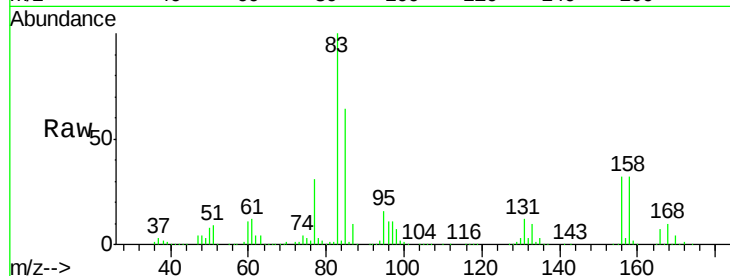
Tgt Ion: 83 Resp: 218784

Ion Ratio Lower Upper

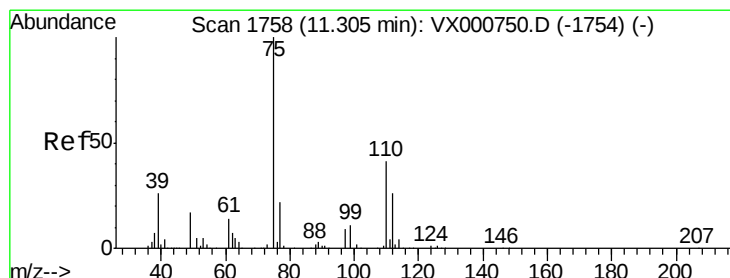
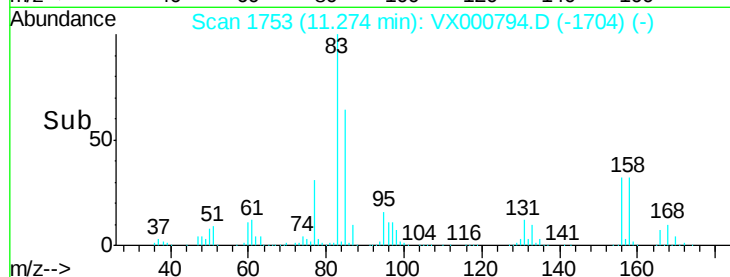
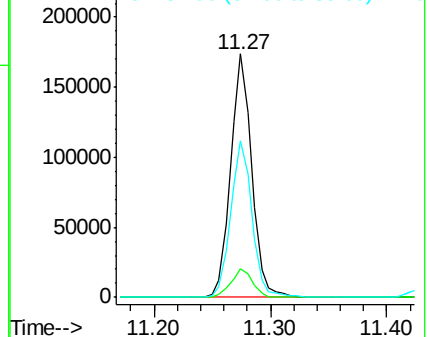
83 100

131 11.9 6.0 18.0

85 64.9 32.3 96.8



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



#76

1,2,3-Trichloropropane

Concen: 58.20 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000794.D

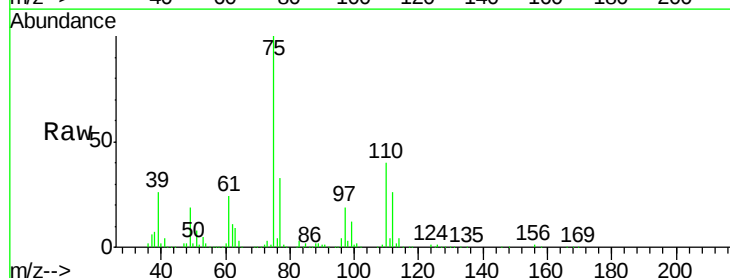
Acq: 12 Apr 2018 11:09

Tgt Ion: 75 Resp: 266238

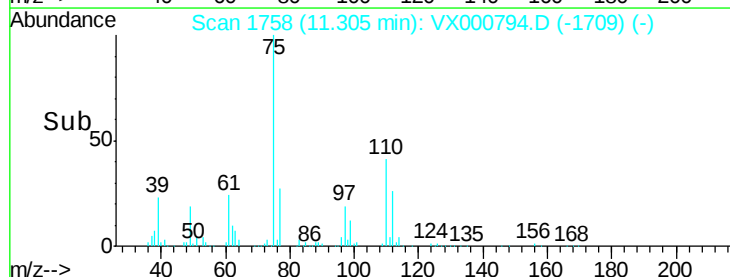
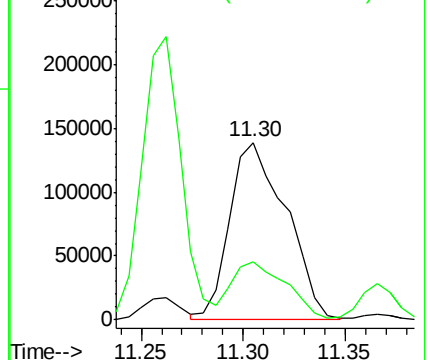
Ion Ratio Lower Upper

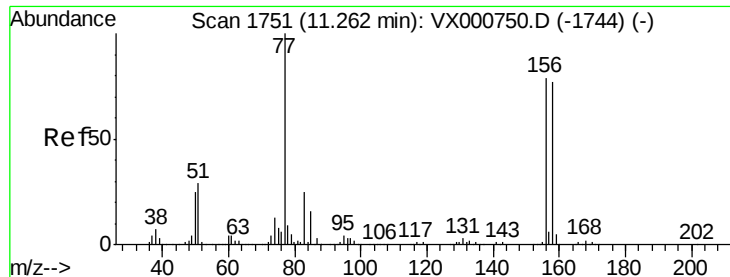
75 100

77 31.7 20.5 61.5



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





#77

Bromobenzene

Concen: 45.14 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000794.D

Acq: 12 Apr 2018 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

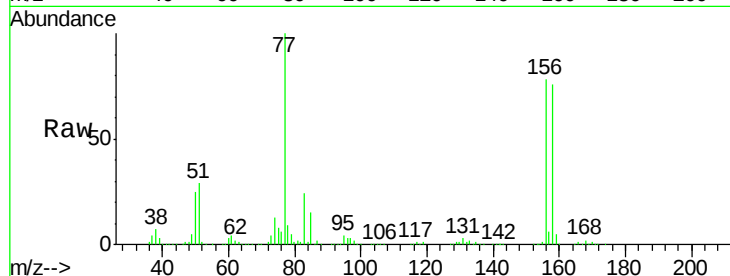
Tgt Ion:156 Resp: 222604

Ion Ratio Lower Upper

156 100

77 132.6 66.0 198.2

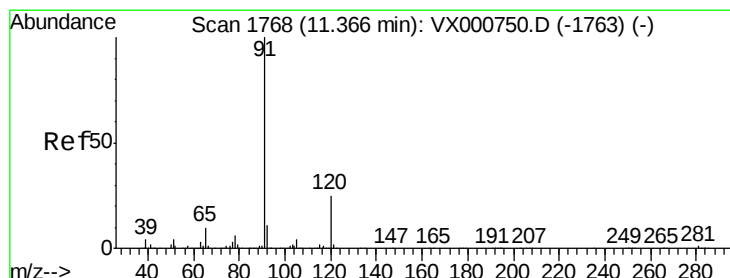
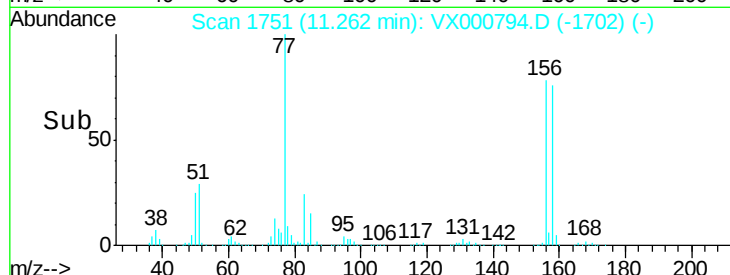
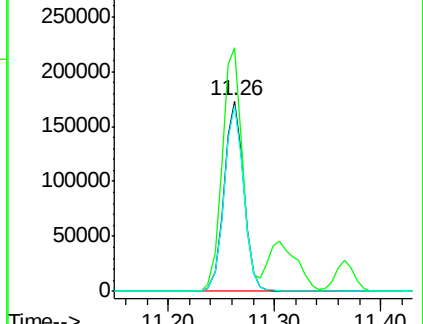
158 97.9 48.8 146.4



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: 46.16 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000794.D

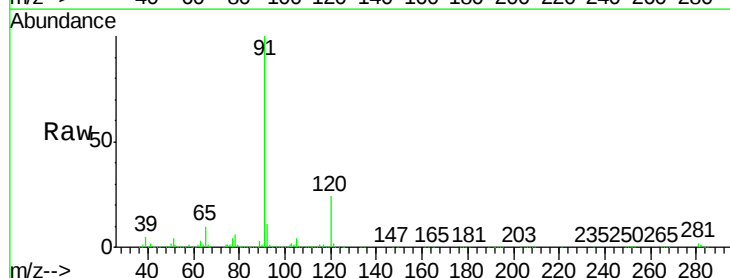
Acq: 12 Apr 2018 11:09

Tgt Ion: 91 Resp: 888542

Ion Ratio Lower Upper

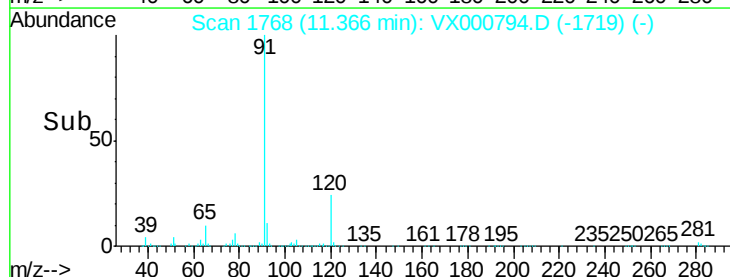
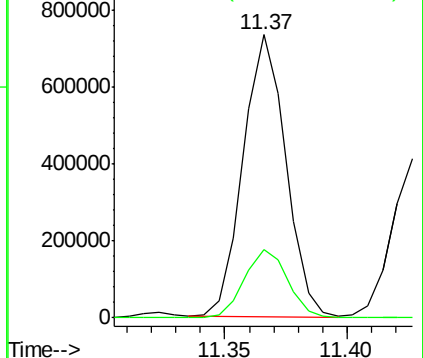
91 100

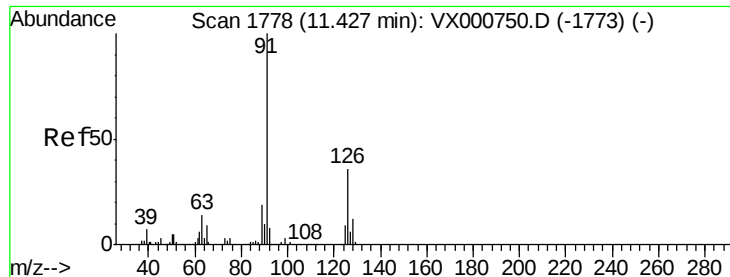
120 24.9 12.6 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 45.23 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000794.D

Acq: 12 Apr 2018 11:09

Instrument :

MSVOA_X

ClientSampleId :

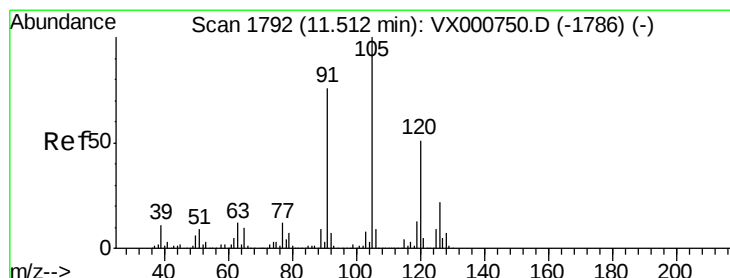
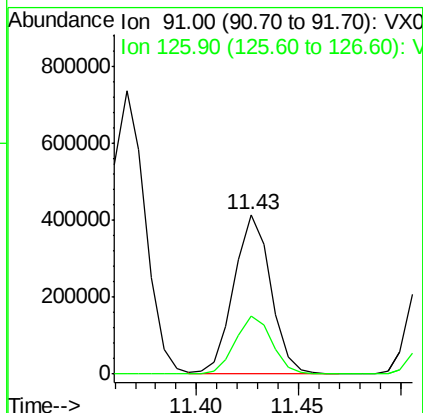
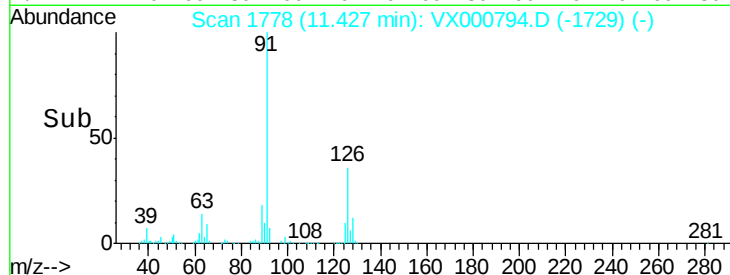
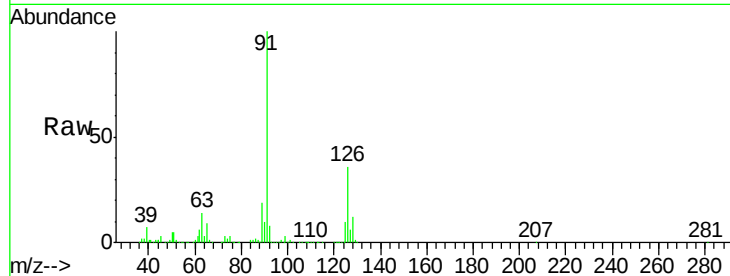
VSTDCCC050

Tgt Ion: 91 Resp: 514543

Ion Ratio Lower Upper

91 100

126 36.9 18.3 54.9



#80

1,3,5-Trimethylbenzene

Concen: 45.97 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000794.D

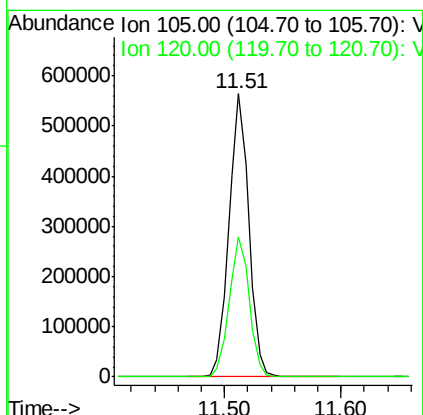
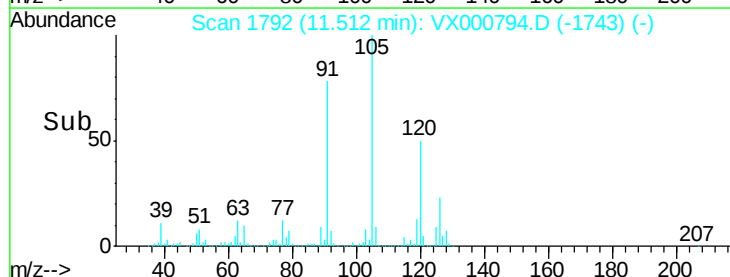
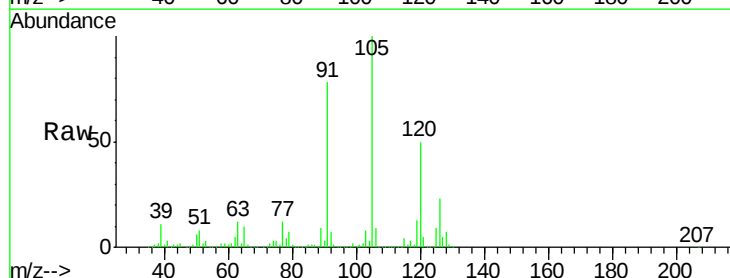
Acq: 12 Apr 2018 11:09

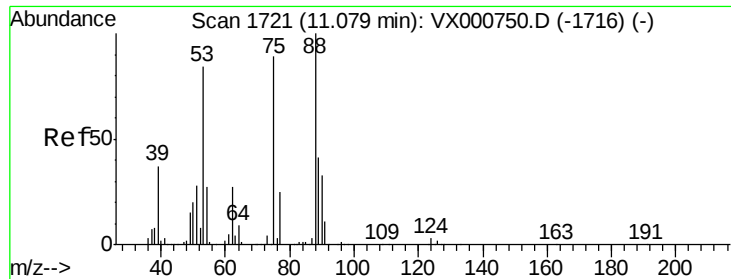
Tgt Ion: 105 Resp: 665360

Ion Ratio Lower Upper

105 100

120 50.1 25.0 75.0

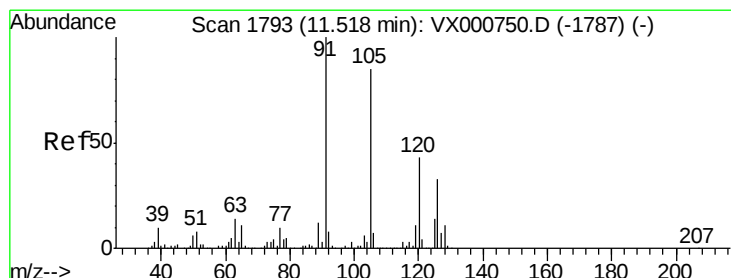
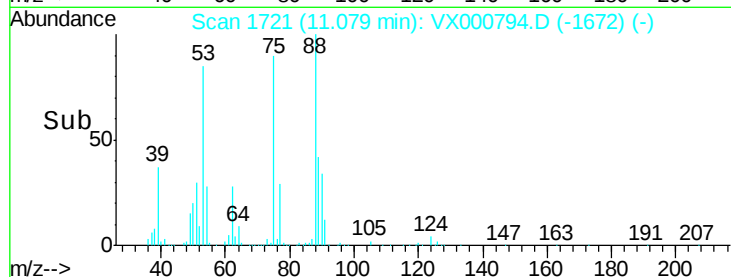
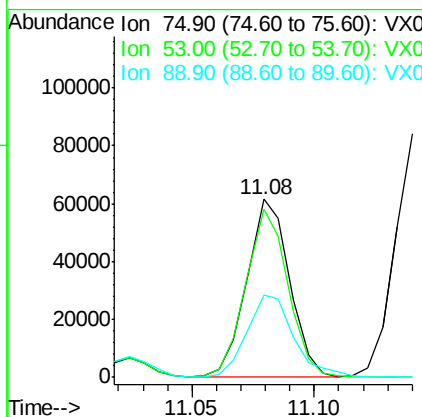
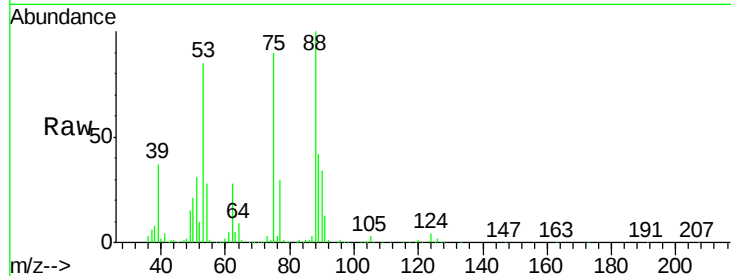




#81
trans-1,4-Dichloro-2-butene
Concen: 44.63 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX000794.D
Acq: 12 Apr 2018 11:09

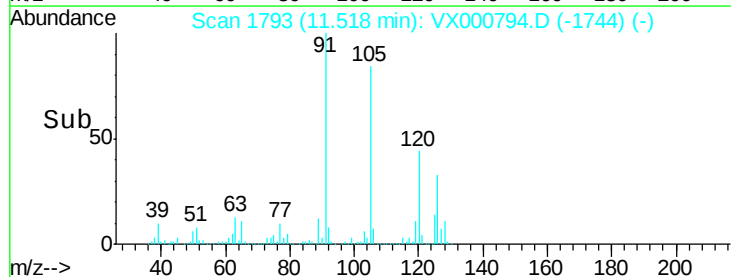
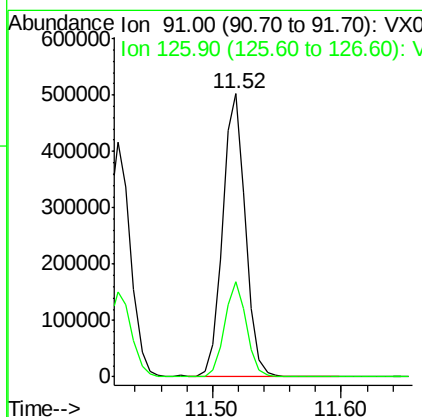
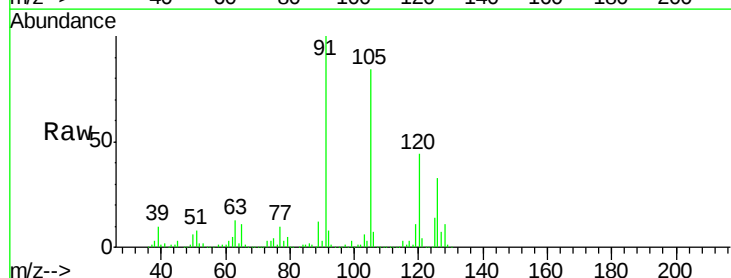
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

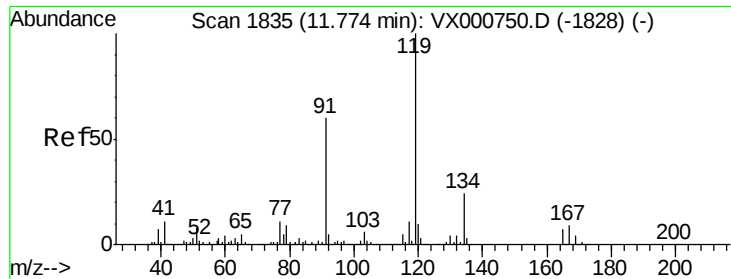
Tgt Ion: 75 Resp: 74218
Ion Ratio Lower Upper
75 100
53 93.8 75.4 113.0
89 51.5 40.9 61.3



#82
4-Chlorotoluene
Concen: 45.46 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000794.D
Acq: 12 Apr 2018 11:09

Tgt Ion: 91 Resp: 624292
Ion Ratio Lower Upper
91 100
126 32.4 16.2 48.6

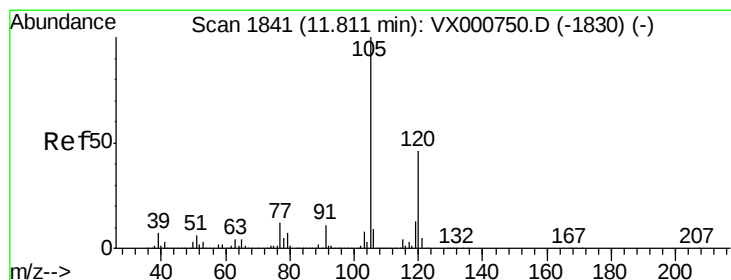
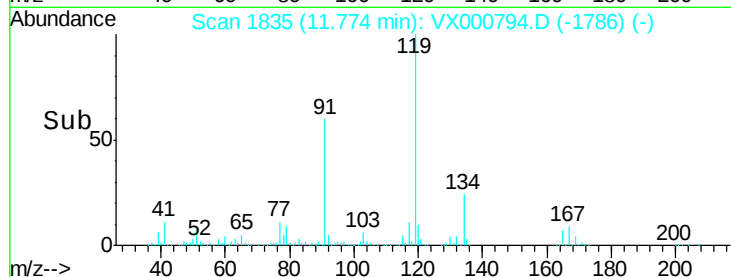
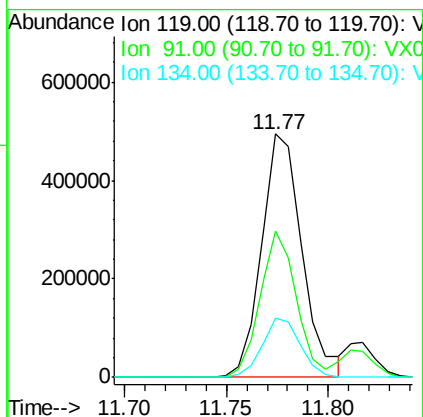
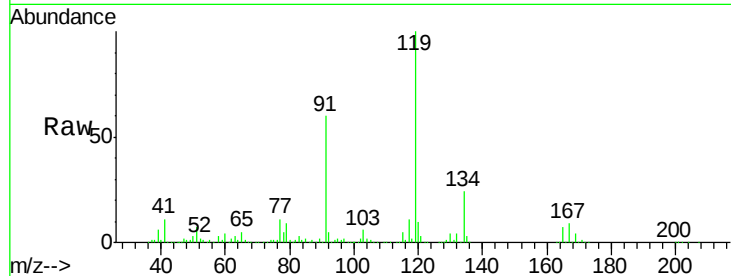




#83
 tert-Butylbenzene
 Concen: 46.20 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX000794.D
 Acq: 12 Apr 2018 11:09

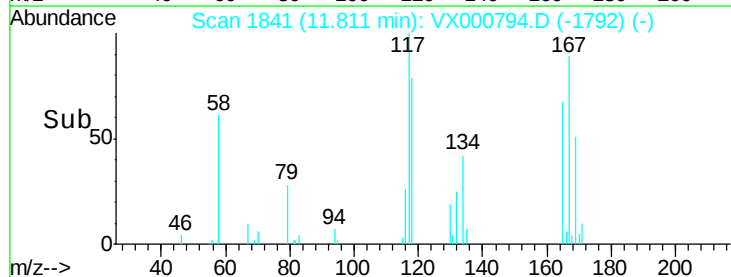
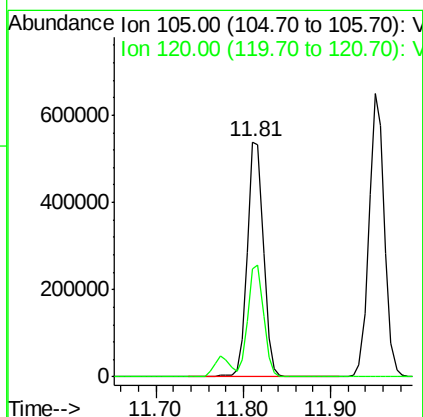
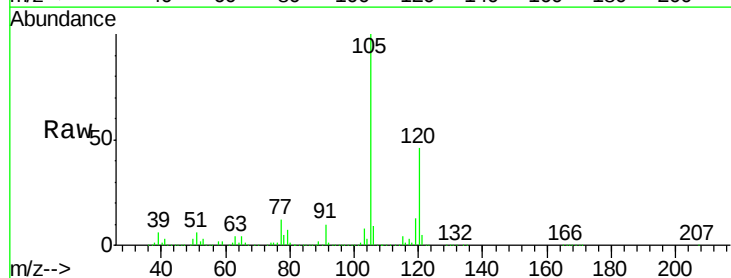
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

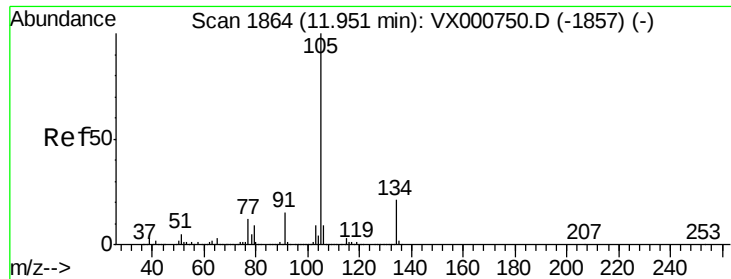
Tgt Ion:119 Resp: 684123
 Ion Ratio Lower Upper
 119 100
 91 53.8 26.8 80.3
 134 23.1 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 45.78 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX000794.D
 Acq: 12 Apr 2018 11:09

Tgt Ion:105 Resp: 683984
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.1 69.3





#85

sec-Butylbenzene

Concen: 46.18 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX000794.D

Acq: 12 Apr 2018 11:09

Instrument :

MSVOA_X

ClientSampleId :

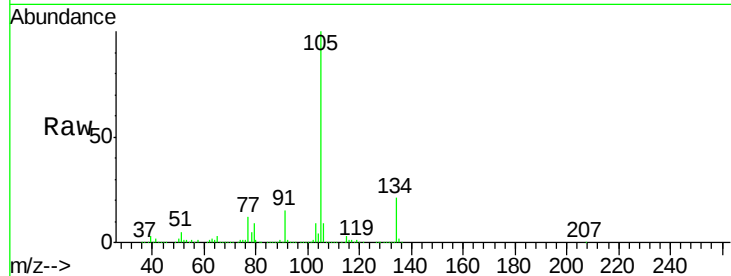
VSTDCCC050

Tgt Ion:105 Resp: 806635

Ion Ratio Lower Upper

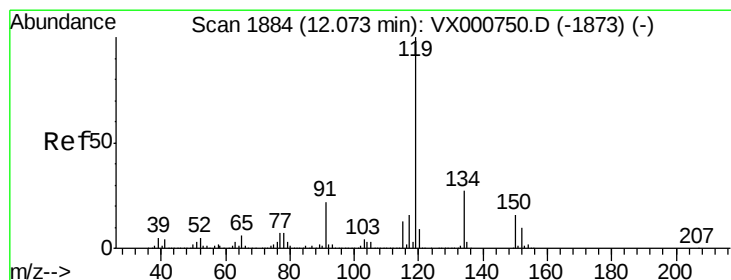
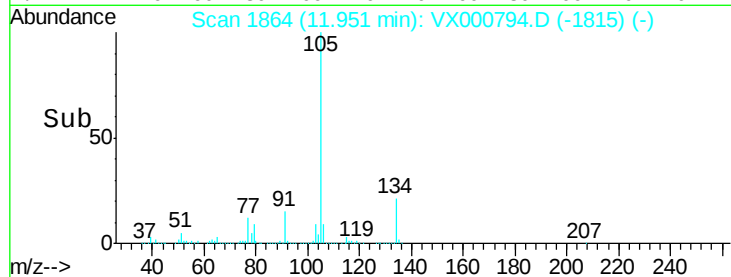
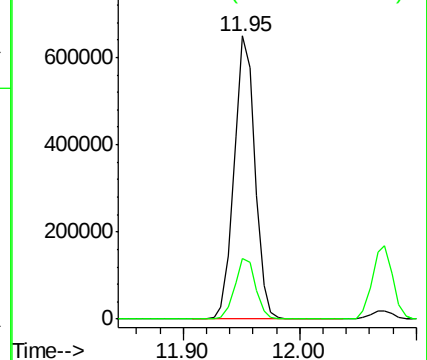
105 100

134 21.7 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 46.32 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000794.D

Acq: 12 Apr 2018 11:09

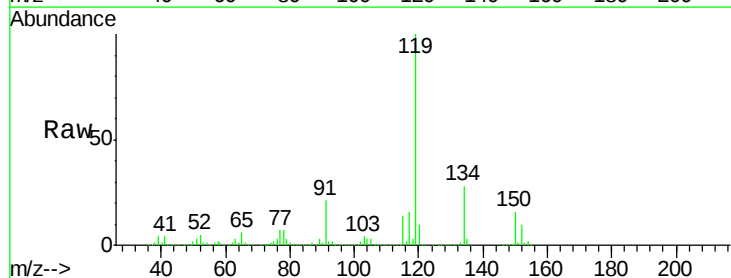
Tgt Ion:119 Resp: 754503

Ion Ratio Lower Upper

119 100

134 27.4 13.6 40.7

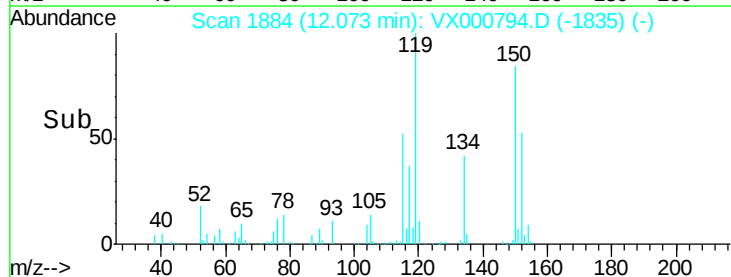
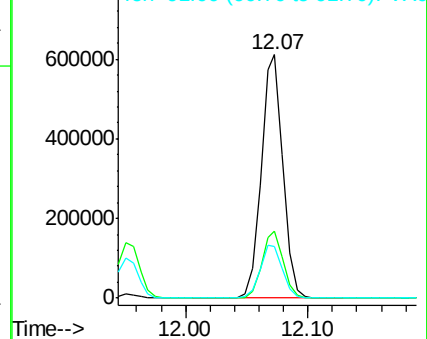
91 22.4 11.2 33.5

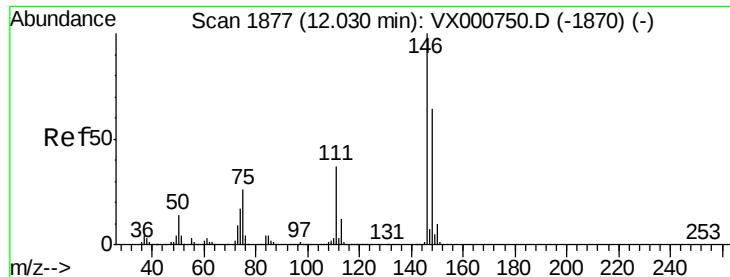


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 45.55 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX000794.D

Acq: 12 Apr 2018 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

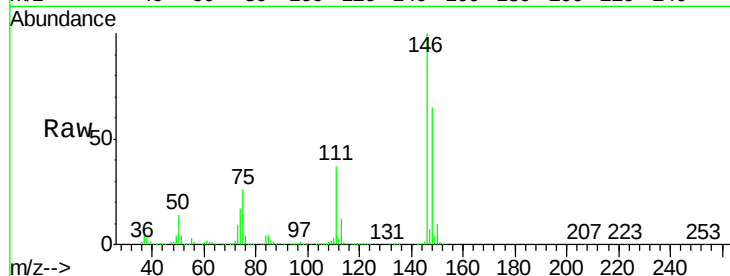
Tgt Ion:146 Resp: 415830

Ion Ratio Lower Upper

146 100

111 36.7 18.3 54.8

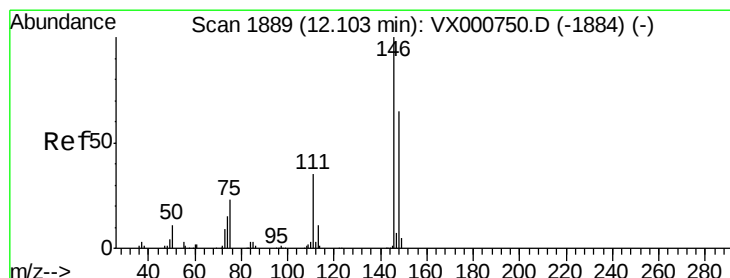
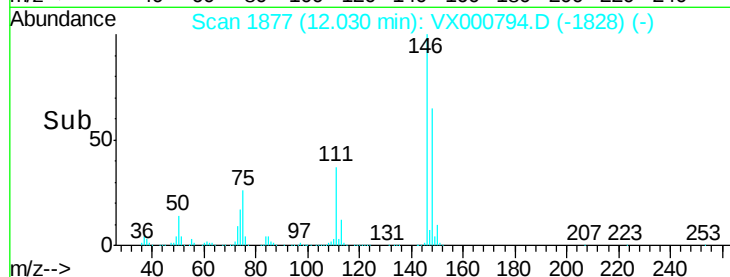
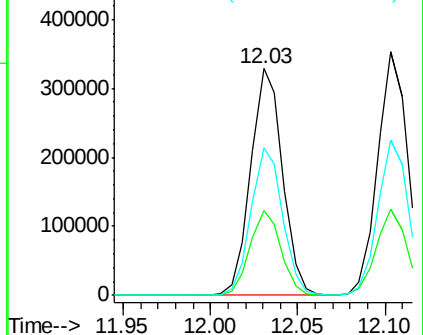
148 64.8 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 45.26 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX000794.D

Acq: 12 Apr 2018 11:09

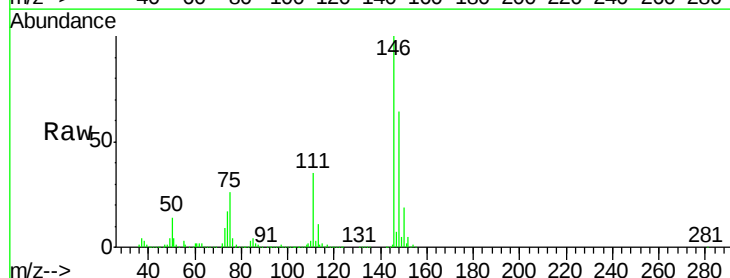
Tgt Ion:146 Resp: 423404

Ion Ratio Lower Upper

146 100

111 35.7 17.9 53.8

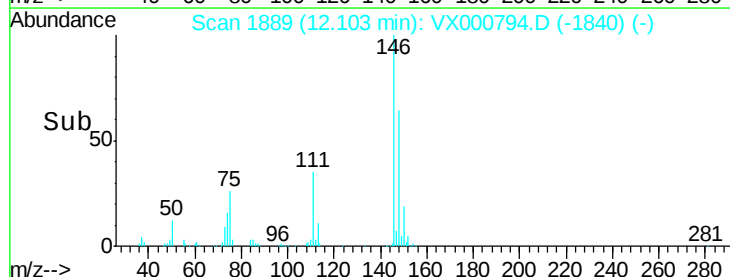
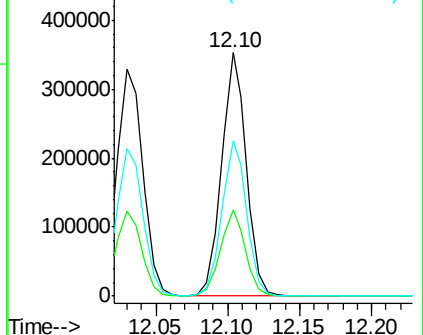
148 64.6 32.6 97.7

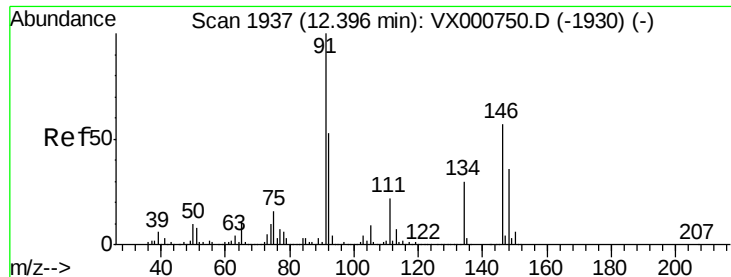


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 46.86 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000794.D

Acq: 12 Apr 2018 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

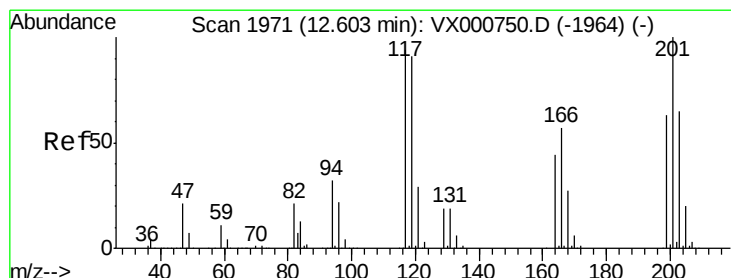
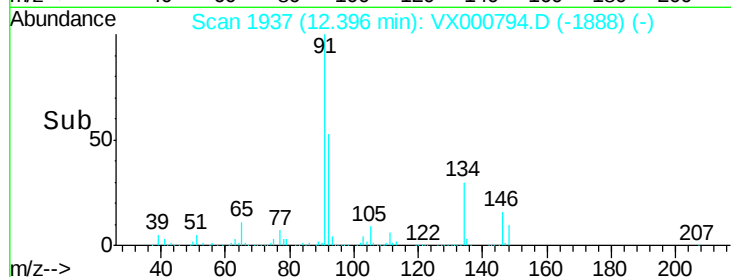
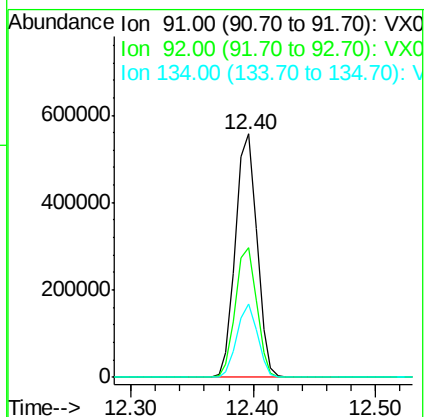
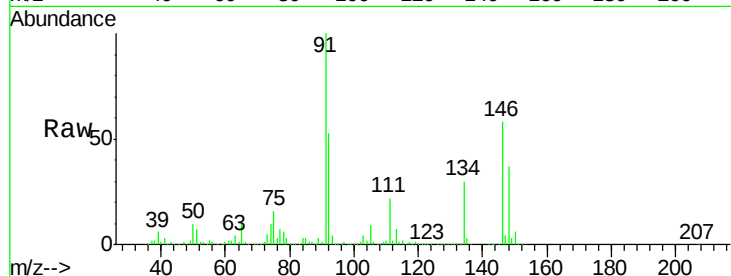
Tgt Ion: 91 Resp: 673647

Ion Ratio Lower Upper

91 100

92 53.3 26.5 79.5

134 29.0 14.5 43.5



#90

Hexachloroethane

Concen: 46.28 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX000794.D

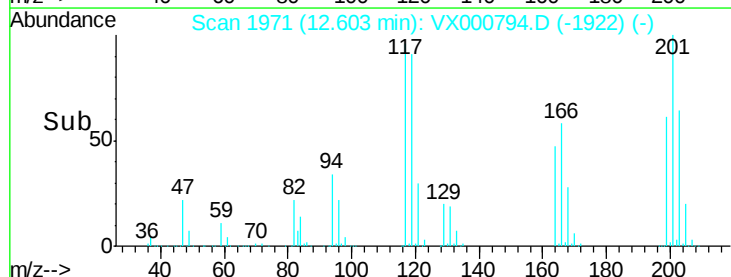
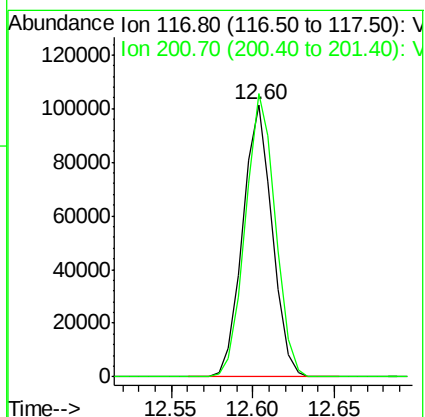
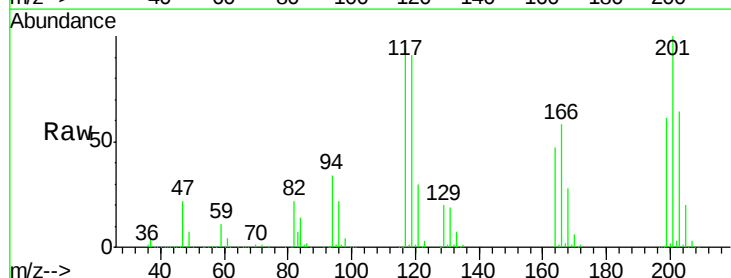
Acq: 12 Apr 2018 11:09

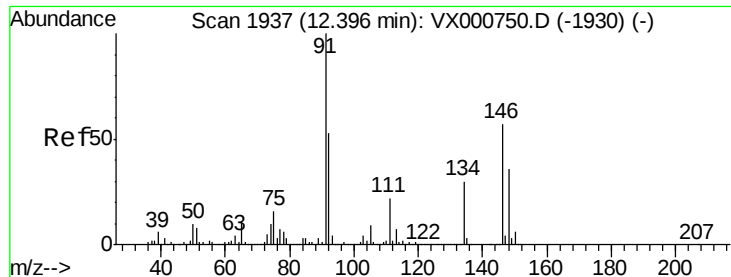
Tgt Ion: 117 Resp: 127562

Ion Ratio Lower Upper

117 100

201 105.9 52.9 158.7

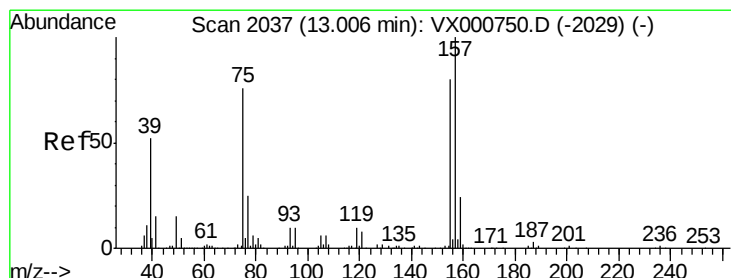
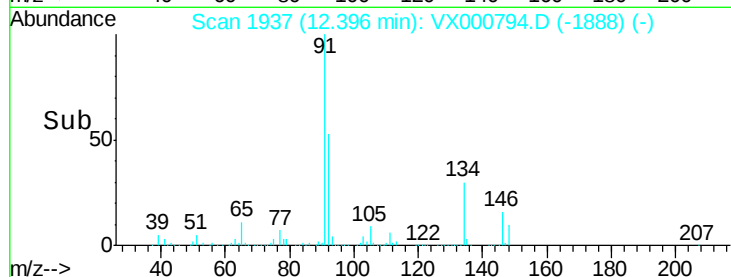
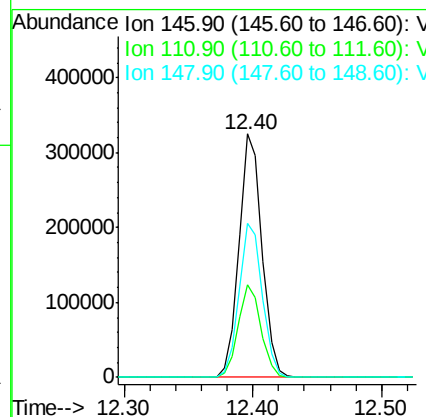
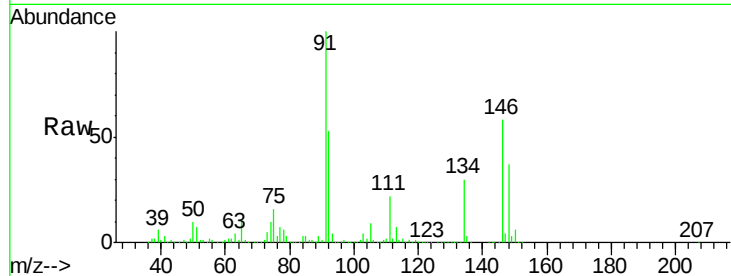




#91
 1,2-Dichlorobenzene
 Concen: 45.86 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX000794.D
 Acq: 12 Apr 2018 11:09

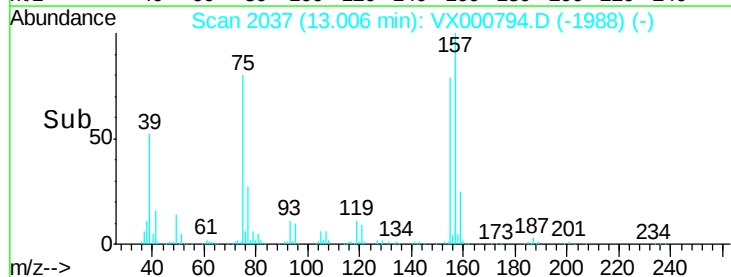
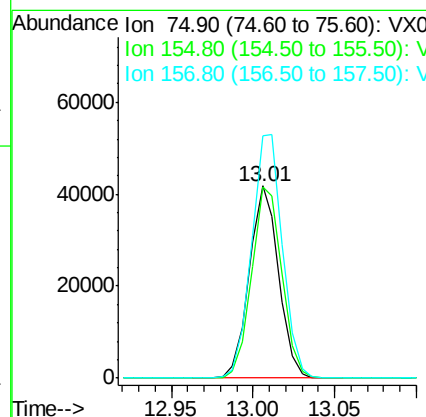
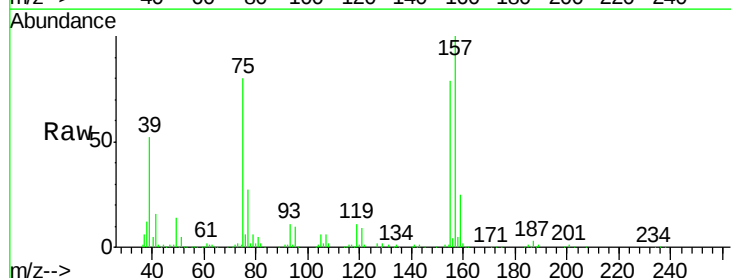
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

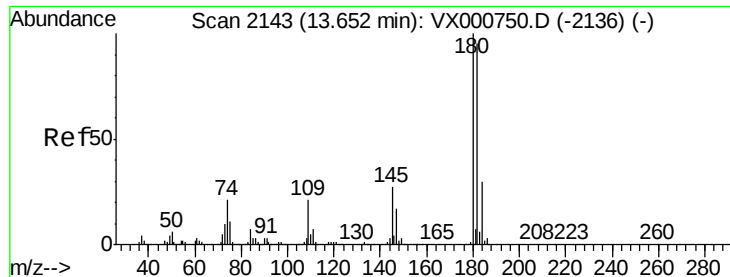
Tgt Ion:146 Resp: 404148
 Ion Ratio Lower Upper
 146 100
 111 37.9 18.9 56.7
 148 64.3 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 42.74 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX000794.D
 Acq: 12 Apr 2018 11:09

Tgt Ion: 75 Resp: 52297
 Ion Ratio Lower Upper
 75 100
 155 102.5 51.9 155.8
 157 133.1 66.6 199.8

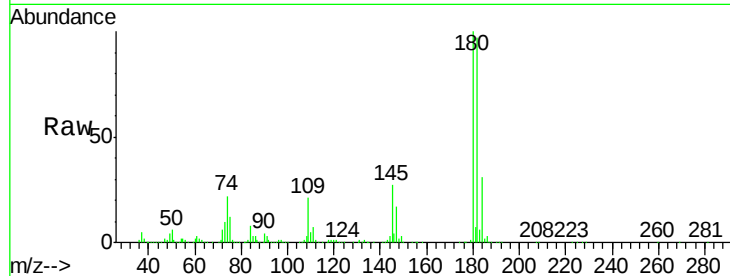




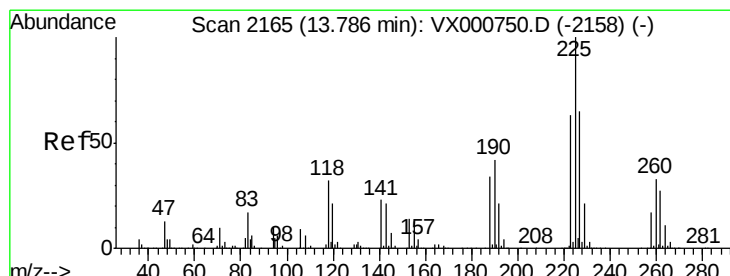
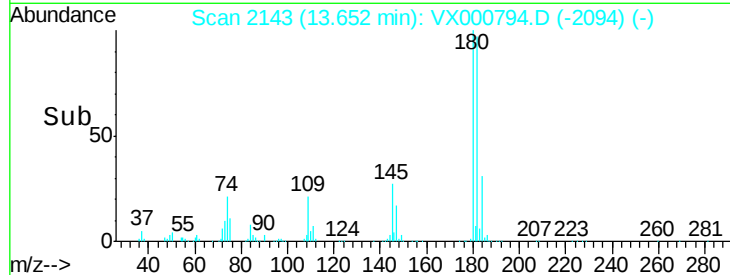
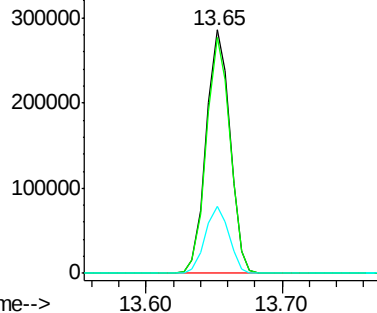
#93
 1,2,4-Trichlorobenzene
 Concen: 46.34 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000794.D
 Acq: 12 Apr 2018 11:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:180 Resp: 348463
 Ion Ratio Lower Upper
 180 100
 182 96.4 47.5 142.5
 145 27.4 13.8 41.4

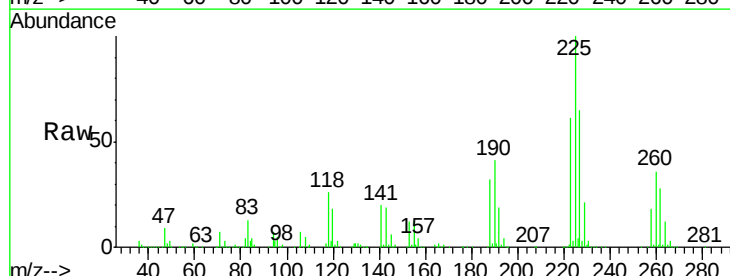


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

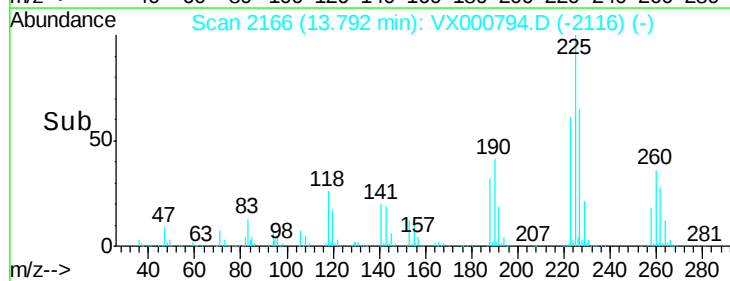
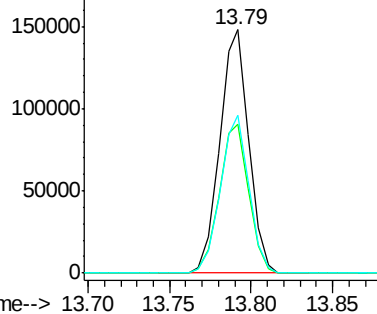


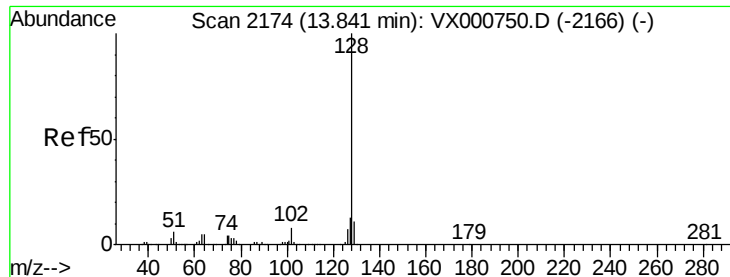
#94
 Hexachlorobutadiene
 Concen: 49.31 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.01 min
 Lab File: VX000794.D
 Acq: 12 Apr 2018 11:09

Tgt Ion:225 Resp: 182336
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.2 93.6
 227 64.0 32.3 96.9



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: 46.02 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000794.D

Acq: 12 Apr 2018 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

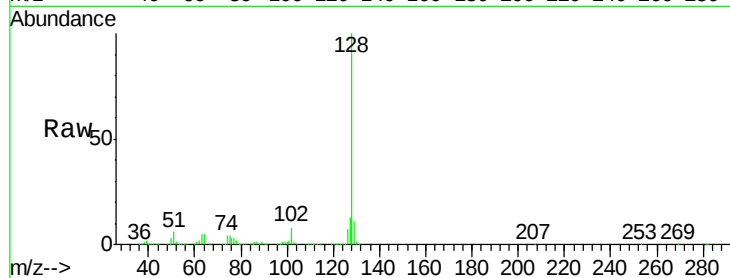
Tgt Ion:128 Resp: 888289

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

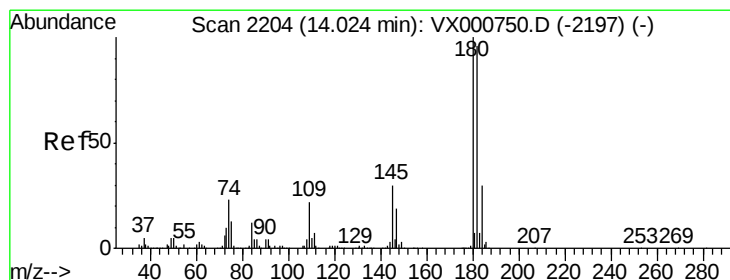
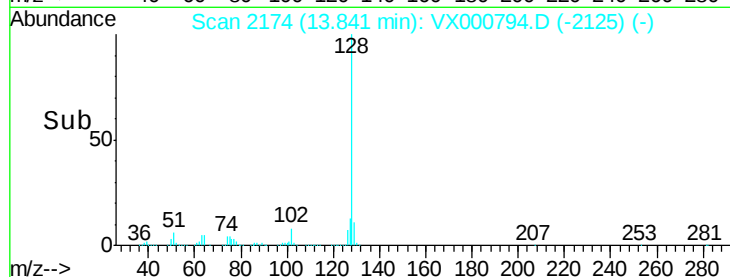
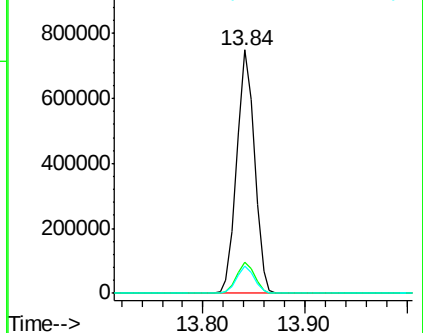
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 46.63 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.01 min

Lab File: VX000794.D

Acq: 12 Apr 2018 11:09

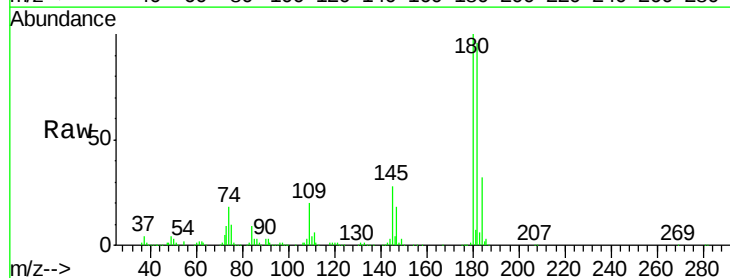
Tgt Ion:180 Resp: 340547

Ion Ratio Lower Upper

180 100

182 95.7 48.4 145.2

145 29.1 14.6 43.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

