

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX040218\
 Data File : VX000633.D
 Acq On : 02 Apr 2018 11:13
 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 03 02:37:54 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	158661	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	255527	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	291684	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	188128	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	84478	40.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.58%	
35) Dibromofluoromethane	5.51	113	65213	40.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.00%	
50) Toluene-d8	8.72	98	279304	41.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.78%	
62) 4-Bromofluorobenzene	11.15	95	118452	43.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.04%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	74782	42.77	ug/l	95
3) Chloromethane	1.32	50	65130	35.36	ug/l	98
4) Vinyl Chloride	1.41	62	86435	44.41	ug/l	97
5) Bromomethane	1.64	94	103588	44.46	ug/l	97
6) Chloroethane	1.73	64	60819	52.46	ug/l	97
7) Trichlorofluoromethane	1.93	101	160726	45.75	ug/l	99
8) Diethyl Ether	2.19	74	57561	45.85	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	89915	45.90	ug/l	99
10) Methyl Iodide	2.51	142	53566	29.51	ug/l	100
11) Tert butyl alcohol	3.07	59	160913	225.87	ug/l	100
12) 1,1-Dichloroethene	2.38	96	78106	45.42	ug/l	98
13) Acrolein	2.30	56	61790	270.39	ug/l	98
14) Allyl chloride	2.73	41	139524	45.93	ug/l	99
15) Acrylonitrile	3.15	53	325864	225.84	ug/l	100
16) Acetone	2.45	43	409395	237.62	ug/l	98
17) Carbon Disulfide	2.57	76	191422	41.85	ug/l	100
18) Methyl Acetate	2.78	43	161034	44.58	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	303158	47.66	ug/l	98
20) Methylene Chloride	2.86	84	88755	44.60	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	87420	45.57	ug/l	97
22) Diisopropyl ether	3.87	45	282459	52.54	ug/l	99
23) Vinyl Acetate	3.83	43	1359896	266.83	ug/l	99
24) 1,1-Dichloroethane	3.70	63	149667	44.28	ug/l	99
25) 2-Butanone	4.71	43	417698	215.69	ug/l	98
26) 2,2-Dichloropropane	4.59	77	102834	43.41	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	73502	41.00	ug/l	99
28) Bromochloromethane	5.03	49	63283	45.40	ug/l	99
29) Tetrahydrofuran	5.17	42	261177	219.20	ug/l	99
30) Chloroform	5.22	83	145765	46.02	ug/l	95
31) Cyclohexane	5.58	56	112351	43.00	ug/l	96
32) 1,1,1-Trichloroethane	5.51	97	128055	44.81	ug/l	99
36) 1,1-Dichloropropene	5.81	75	104026	43.46	ug/l	98
37) Ethyl Acetate	4.87	43	142167	43.48	ug/l	100
38) Carbon Tetrachloride	5.79	117	109796	43.73	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	130877	44.96	ug/l	97
40) Benzene	6.15	78	314692	45.27	ug/l	99
41) Methacrylonitrile	5.07	41	75303	43.69	ug/l	98
42) 1,2-Dichloroethane	6.20	62	124238	45.55	ug/l	98
43) Isopropyl Acetate	6.47	43	227371	46.72	ug/l	99
44) Trichloroethene	7.22	130	92839	46.62	ug/l	98
45) 1,2-Dichloropropane	7.52	63	84777	47.65	ug/l	98
46) Dibromomethane	7.67	93	64701	46.33	ug/l	98
47) Bromodichloromethane	7.91	83	122781	49.97	ug/l	99
48) Methyl methacrylate	7.79	41	111359	47.13	ug/l	98
49) 1,4-Dioxane	7.76	88	49291	992.47	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	889635	236.16	ug/l	98
52) Toluene	8.79	92	242233	49.85	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	141565	49.72	ug/l	95
54) cis-1,3-Dichloropropene	9.05	75	146389	53.00	ug/l	95
55) 1,1,2-Trichloroethane	9.22	97	101132	50.61	ug/l	98
56) Ethyl methacrylate	9.19	69	155824	51.46	ug/l	95
57) 1,3-Dichloropropane	9.38	76	160125	50.10	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	344321	236.92	ug/l	99
59) 2-Hexanone	9.51	43	771931	241.33	ug/l	98
60) Dibromochloromethane	9.59	129	113958	48.34	ug/l	98
61) 1,2-Dibromoethane	9.68	107	114923	53.63	ug/l	100
64) Tetrachloroethene	9.34	164	96590	42.67	ug/l	98
65) Chlorobenzene	10.15	112	293820	45.26	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	104073	47.21	ug/l	98
67) Ethyl Benzene	10.26	91	494024	44.90	ug/l	97
68) m/p-Xylenes	10.37	106	401916	92.82	ug/l	96
69) o-Xylene	10.71	106	196150	46.79	ug/l	96
70) Styrene	10.72	104	333974	48.14	ug/l	97
71) Bromoform	10.87	173	94909	42.14	ug/l #	98
73) Isopropylbenzene	11.02	105	539135	43.25	ug/l	100
74) N-amyl acetate	6.47	43	227371	41.27	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	189376	42.95	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	221173	54.70	ug/l	82
77) Bromobenzene	11.26	156	143576	43.24	ug/l	95
78) n-propylbenzene	11.37	91	632019	42.52	ug/l	98
79) 2-Chlorotoluene	11.43	91	355823	41.44	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	465631	44.43	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	55238	44.23	ug/l	95
82) 4-Chlorotoluene	11.52	91	439043	42.83	ug/l	97
83) tert-Butylbenzene	11.78	119	469864	44.45	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	478290	43.53	ug/l	98
85) sec-Butylbenzene	11.95	105	576912	44.11	ug/l	99
86) p-Isopropyltoluene	12.07	119	532475	45.84	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	283218	45.11	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	294684	44.71	ug/l	97
89) n-Butylbenzene	12.40	91	484970	44.84	ug/l	99
90) Hexachloroethane	12.60	117	83869	45.87	ug/l	94
91) 1,2-Dichlorobenzene	12.40	146	281809	45.78	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	51016	41.49	ug/l	92

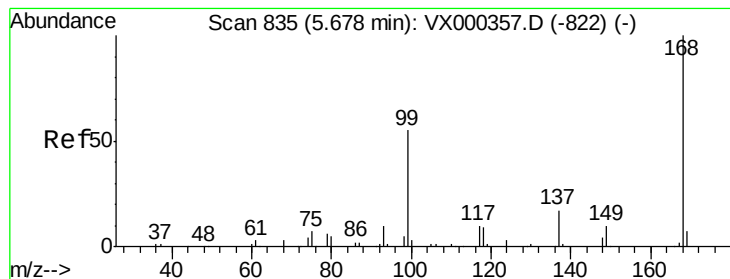
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	209726	47.53	ug/l	99
94) Hexachlorobutadiene	13.79	225	83740	45.83	ug/l	98
95) Naphthalene	13.84	128	714946	46.51	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	205182	47.06	ug/l	100

(#) = 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. -0.01 min

Lab File: VX000633.D

Acq: 02 Apr 2018 11:13

Instrument :

MSVOA_X

ClientSampleId :

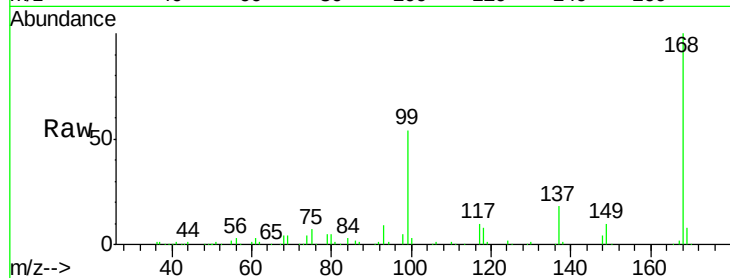
VSTDCCC050

Tgt Ion:168 Resp: 158661

Ion Ratio Lower Upper

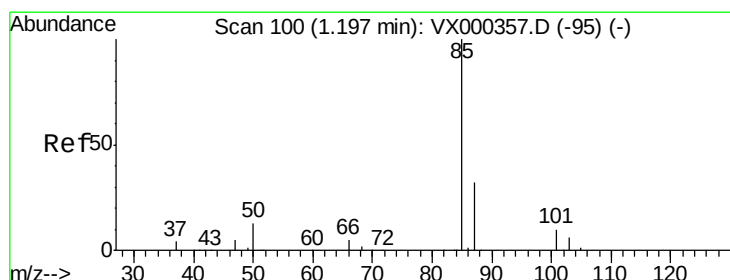
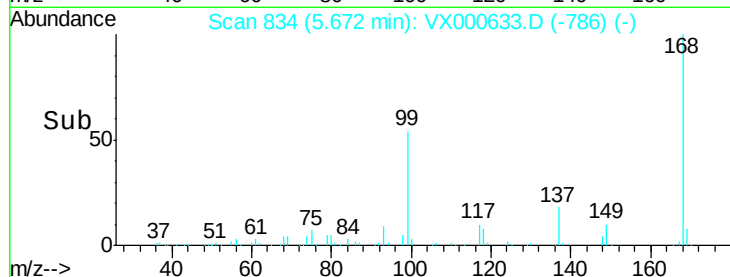
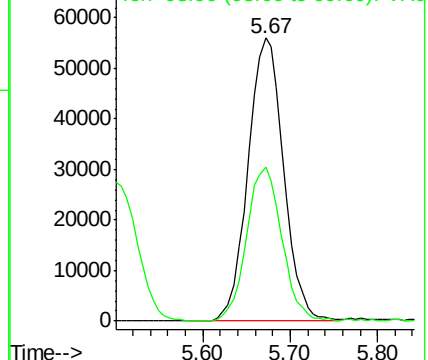
168 100

99 54.2 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 42.77 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000633.D

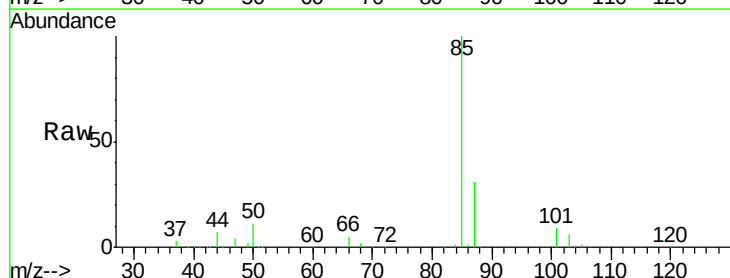
Acq: 02 Apr 2018 11:13

Tgt Ion: 85 Resp: 74782

Ion Ratio Lower Upper

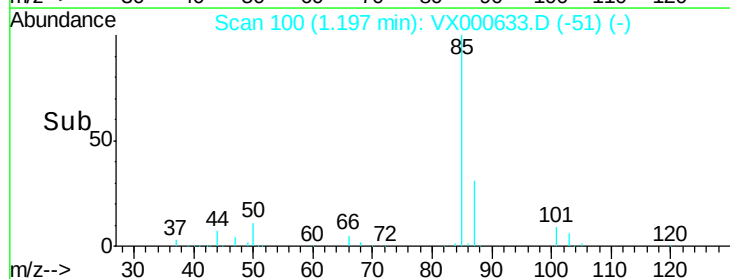
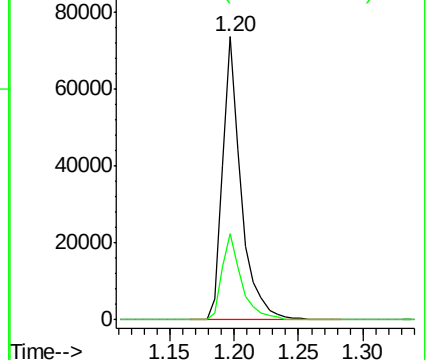
85 100

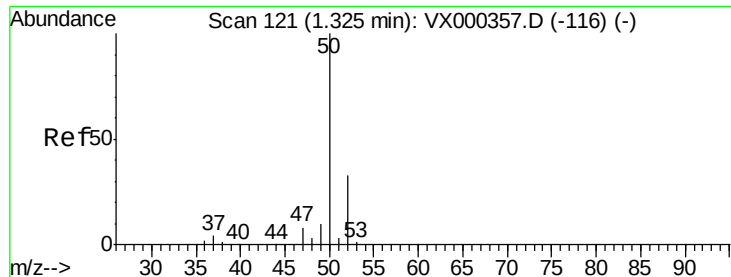
87 30.6 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 35.36 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000633.D

Acq: 02 Apr 2018 11:13

Instrument :

MSVOA_X

ClientSampleId :

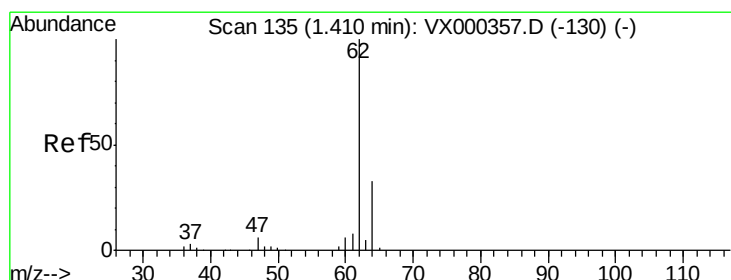
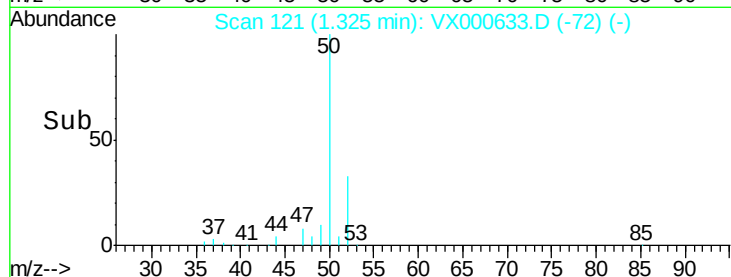
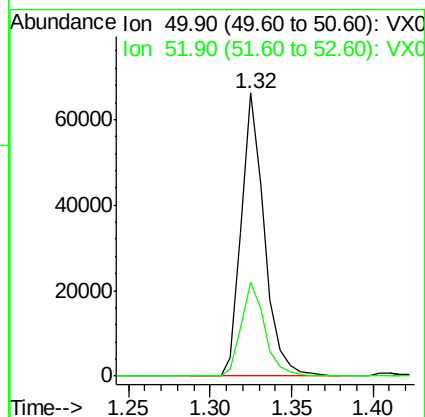
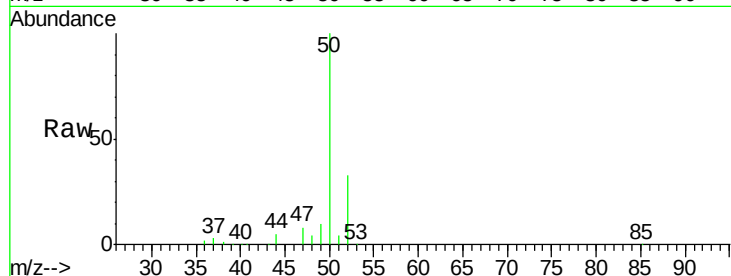
VSTDCCC050

Tgt Ion: 50 Resp: 65130

Ion Ratio Lower Upper

50 100

52 33.0 27.5 41.3



#4

Vinyl Chloride

Concen: 44.41 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX000633.D

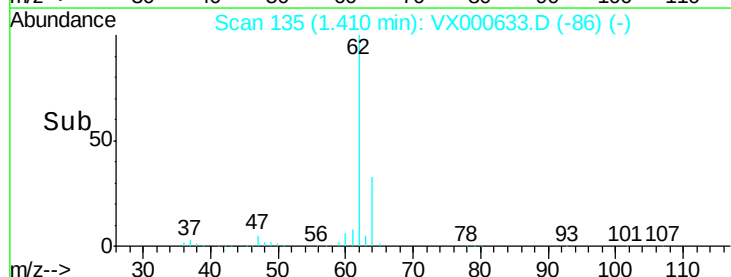
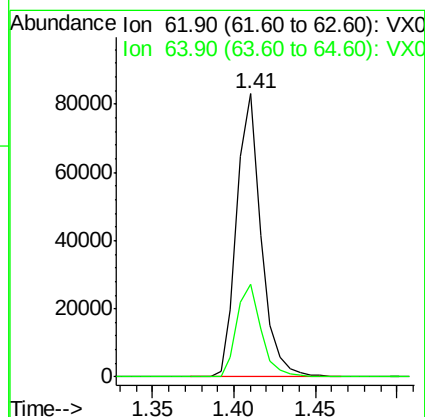
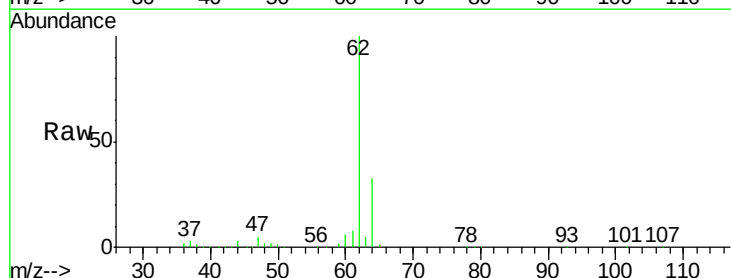
Acq: 02 Apr 2018 11:13

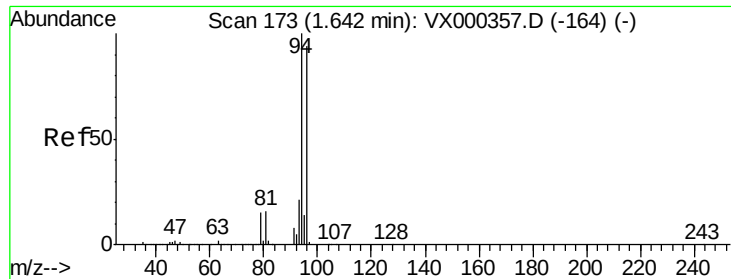
Tgt Ion: 62 Resp: 86435

Ion Ratio Lower Upper

62 100

64 32.7 24.8 37.2





#5

Bromomethane

Concen: 44.46 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000633.D

Acq: 02 Apr 2018 11:13

Instrument :

MSVOA_X

ClientSampleId :

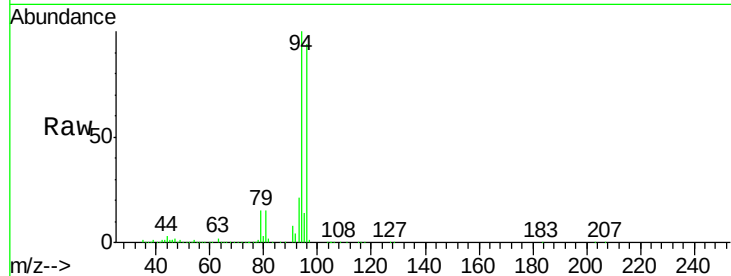
VSTDCCC050

Tgt Ion: 94 Resp: 103588

Ion Ratio Lower Upper

94 100

96 94.0 77.7 116.5



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

100000

80000

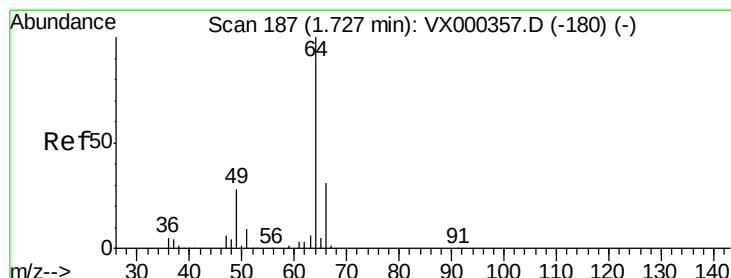
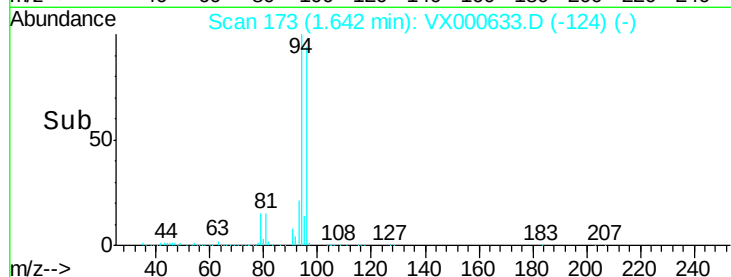
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 52.46 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX000633.D

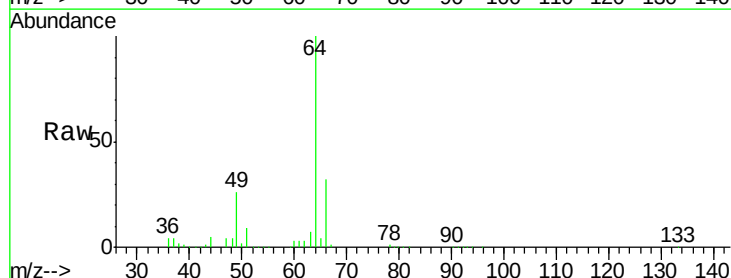
Acq: 02 Apr 2018 11:13

Tgt Ion: 64 Resp: 60819

Ion Ratio Lower Upper

64 100

66 32.4 24.8 37.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.73

50000

40000

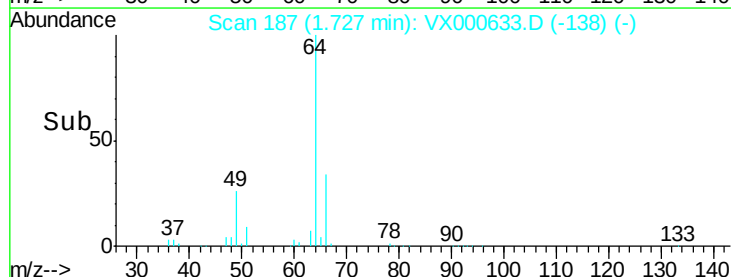
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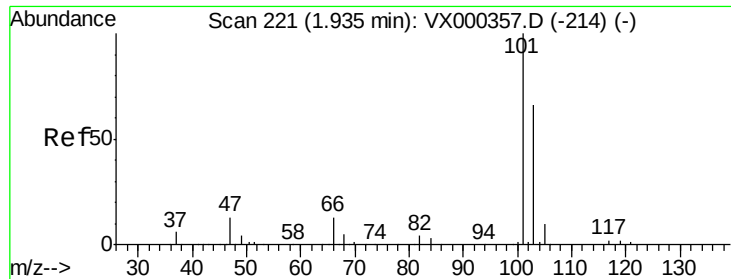
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10000

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Time-->



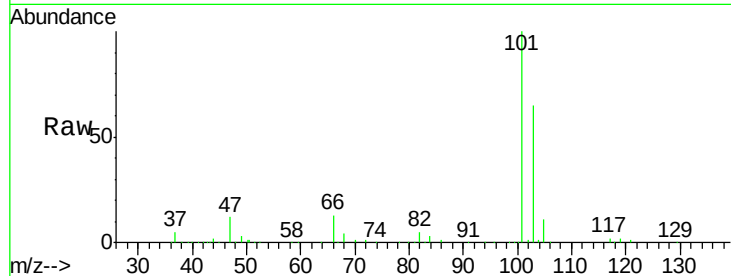


#7

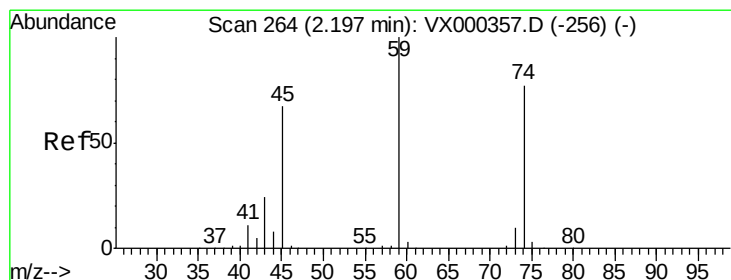
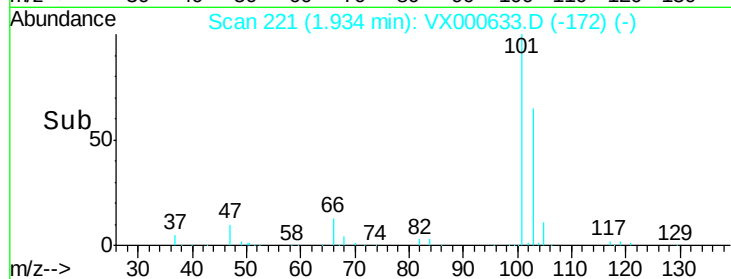
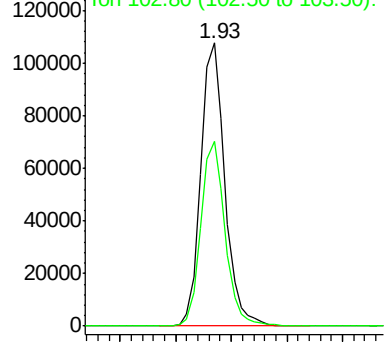
Trichlorofluoromethane
 Concen: 45.75 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VX000633.D
 Acq: 02 Apr 2018 11:13

Instrument :
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 ClientSampleId :
 VSTDCCC050

Tgt Ion:101 Resp: 160726
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.6 77.4



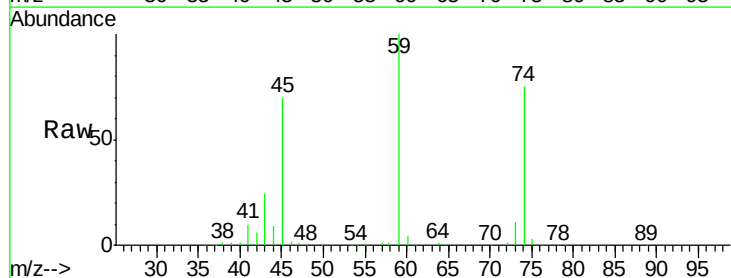
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



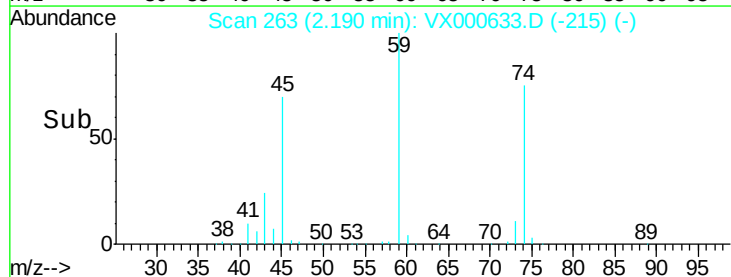
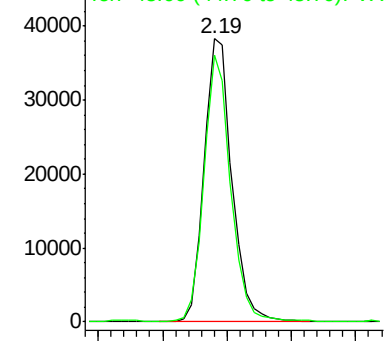
#8

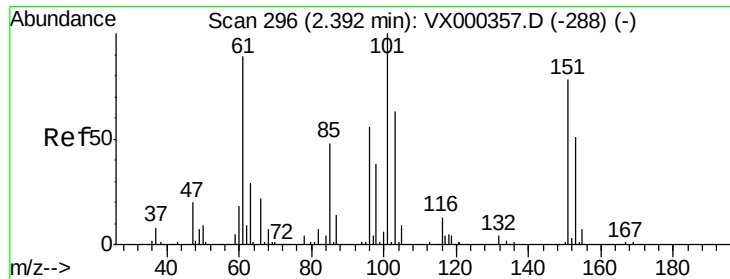
Diethyl Ether
 Concen: 45.85 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.01 min
 Lab File: VX000633.D
 Acq: 02 Apr 2018 11:13

Tgt Ion: 74 Resp: 57561
 Ion Ratio Lower Upper
 74 100
 45 91.4 45.1 135.3



Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.90 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX000633.D

Acq: 02 Apr 2018 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

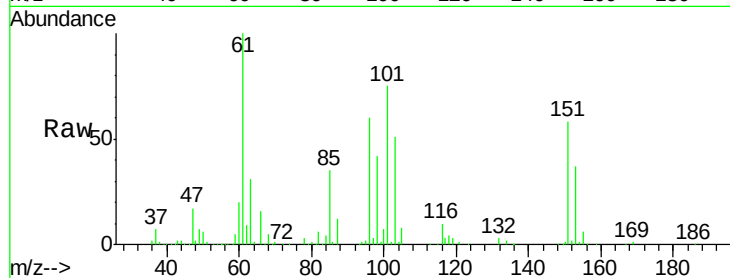
Tgt Ion:101 Resp: 89915

Ion Ratio Lower Upper

101 100

85 48.3 37.6 56.4

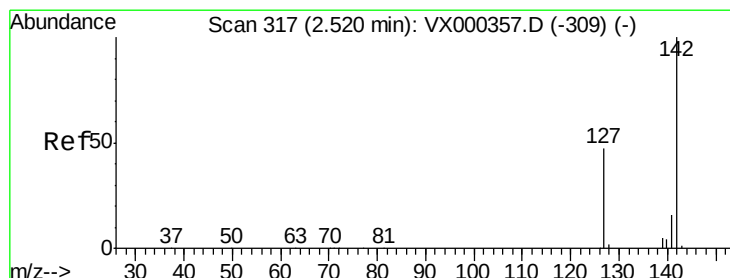
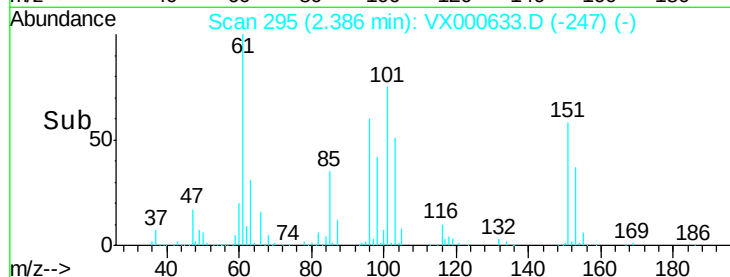
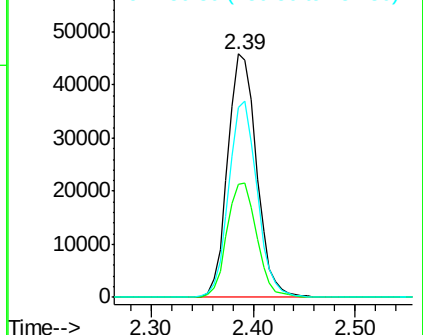
151 79.2 62.6 93.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 29.51 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.01 min

Lab File: VX000633.D

Acq: 02 Apr 2018 11:13

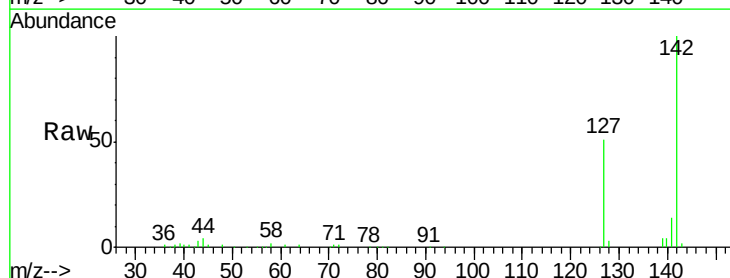
Tgt Ion:142 Resp: 53566

Ion Ratio Lower Upper

142 100

127 48.8 39.2 58.8

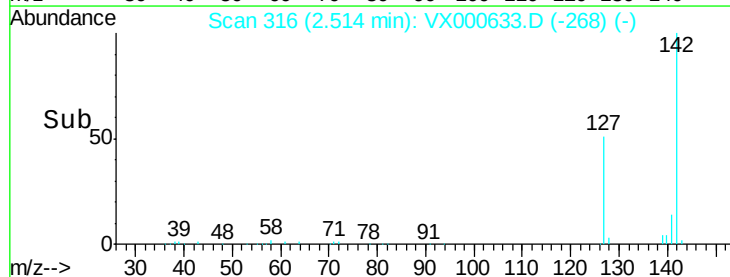
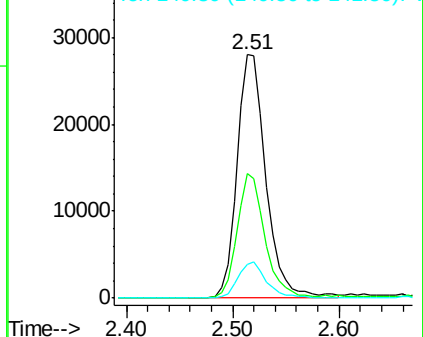
141 14.8 11.7 17.5

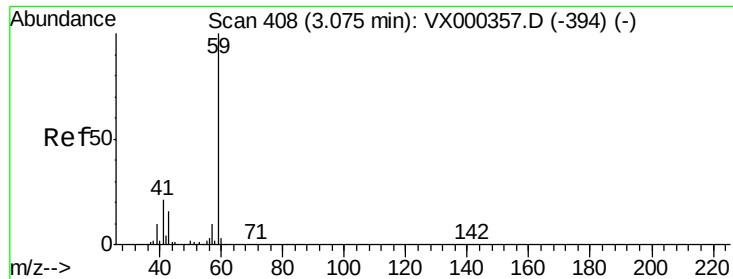


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

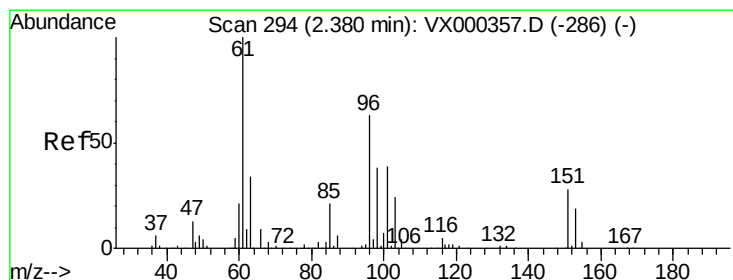
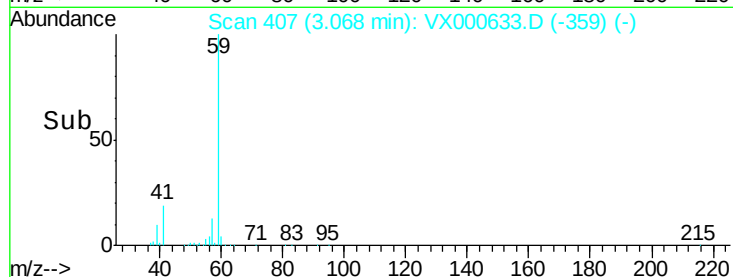
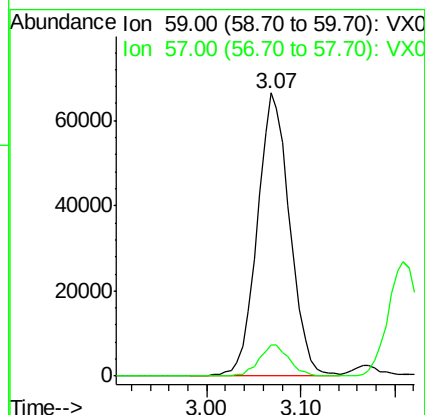
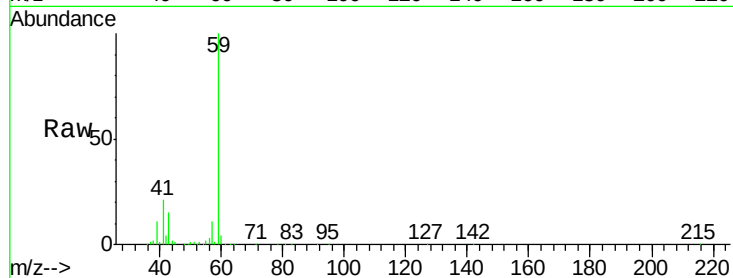




#11
Tert butyl alcohol
Concen: 225.87 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX000633.D
Acq: 02 Apr 2018 11:13

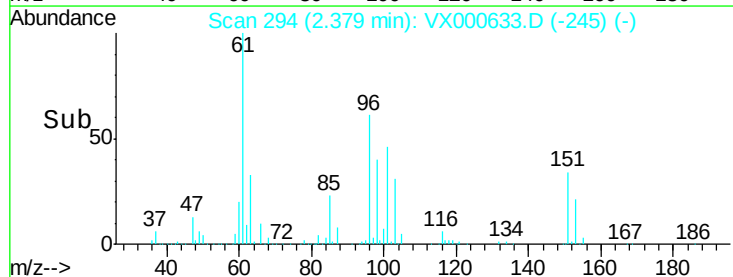
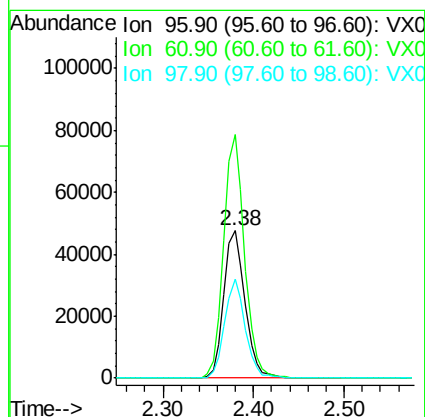
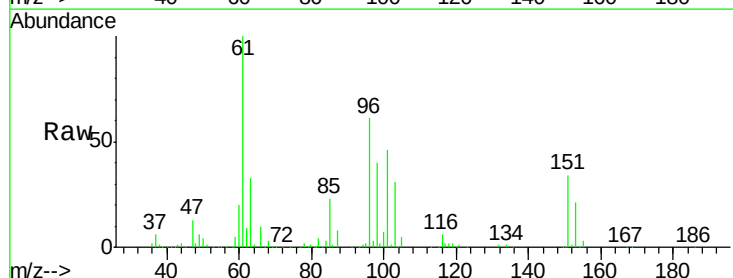
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

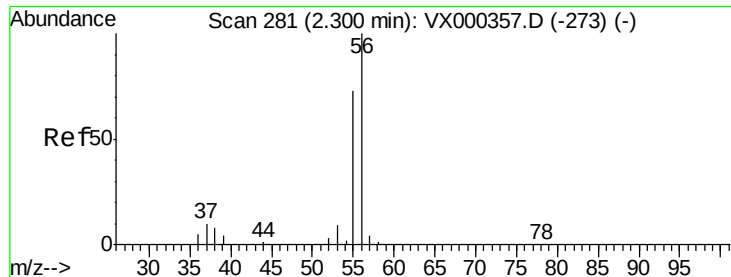
Tgt Ion: 59 Resp: 160913
Ion Ratio Lower Upper
59 100
57 10.5 8.4 12.6



#12
1,1-Dichloroethene
Concen: 45.42 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000633.D
Acq: 02 Apr 2018 11:13

Tgt Ion: 96 Resp: 78106
Ion Ratio Lower Upper
96 100
61 165.0 131.2 196.8
98 66.7 49.8 74.8





#13

Acrolein

Concen: 270.39 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000633.D

Acq: 02 Apr 2018 11:13

Instrument :

MSVOA_X

ClientSampleId :

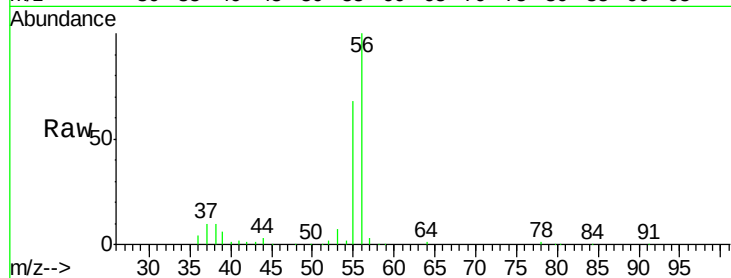
VSTDCCC050

Tgt Ion: 56 Resp: 61790

Ion Ratio Lower Upper

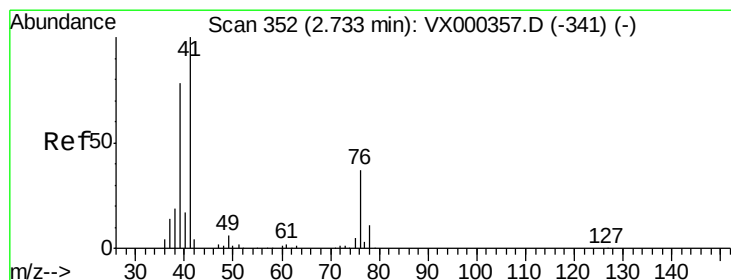
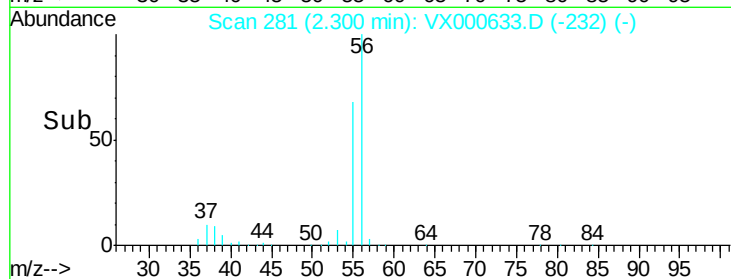
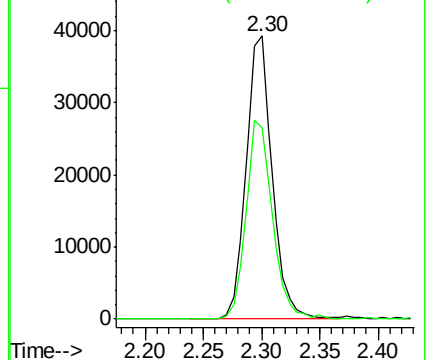
56 100

55 71.5 58.8 88.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 45.93 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000633.D

Acq: 02 Apr 2018 11:13

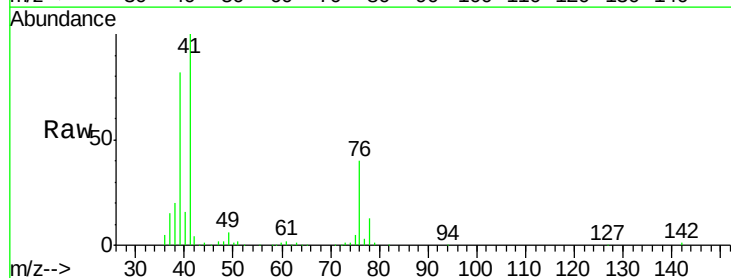
Tgt Ion: 41 Resp: 139524

Ion Ratio Lower Upper

41 100

39 71.5 57.6 86.4

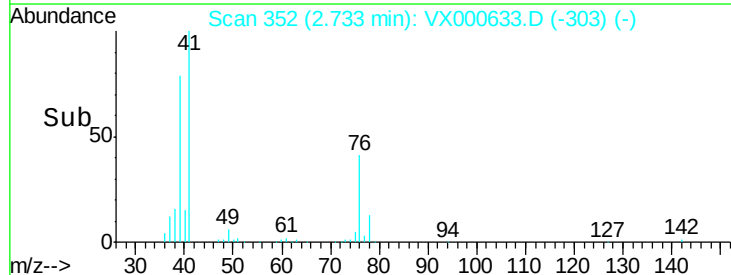
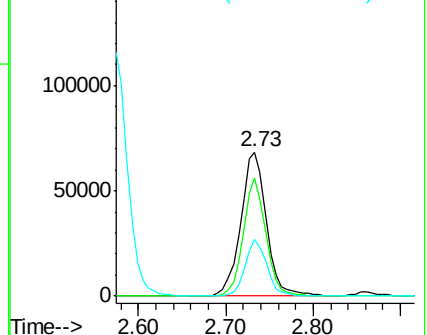
76 33.3 27.3 40.9

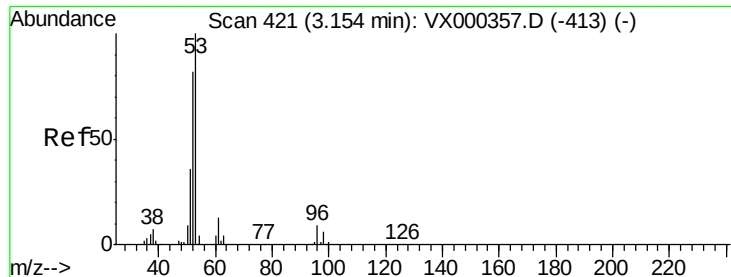


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 225.84 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX000633.D

Acq: 02 Apr 2018 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

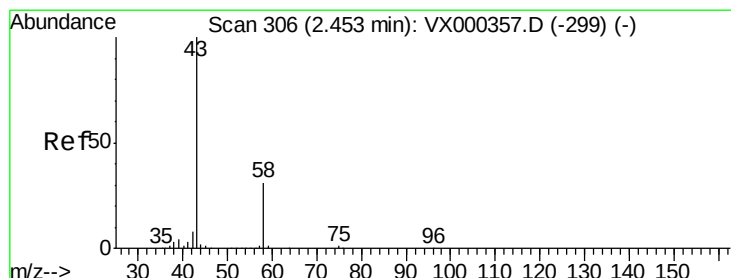
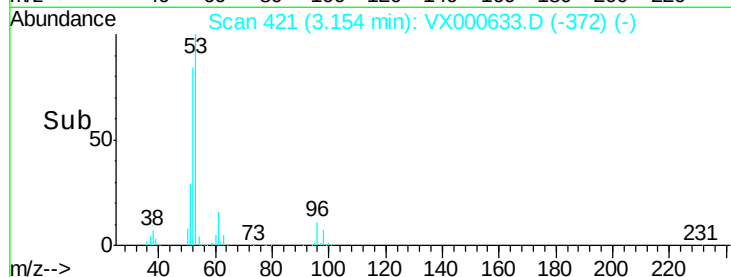
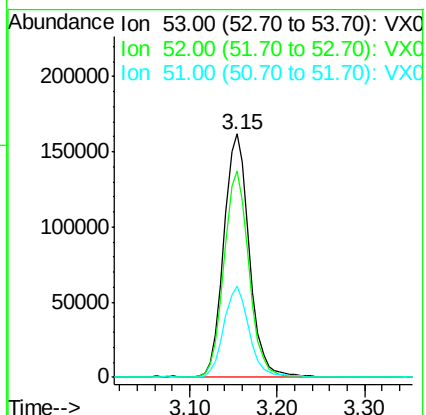
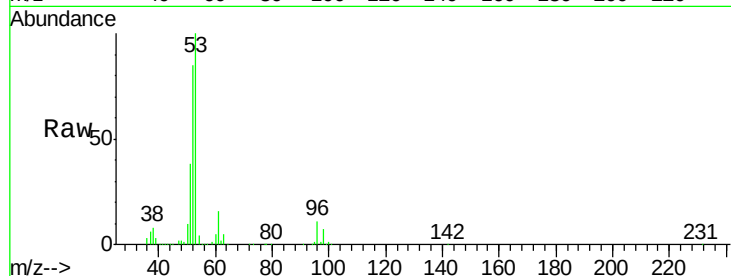
Tgt Ion: 53 Resp: 325864

Ion Ratio Lower Upper

53 100

52 83.3 66.6 99.8

51 37.4 29.3 43.9



#16

Acetone

Concen: 237.62 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX000633.D

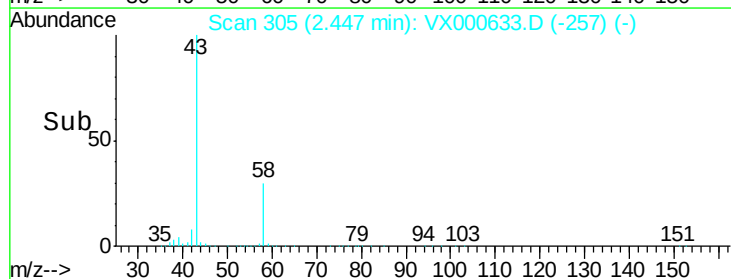
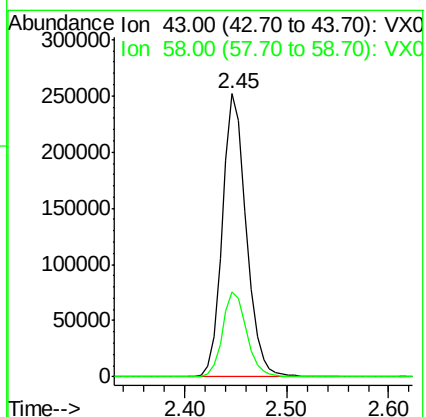
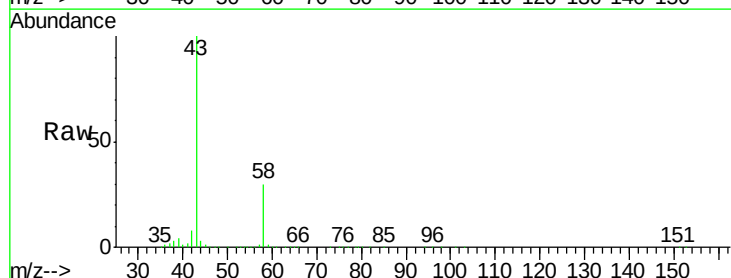
Acq: 02 Apr 2018 11:13

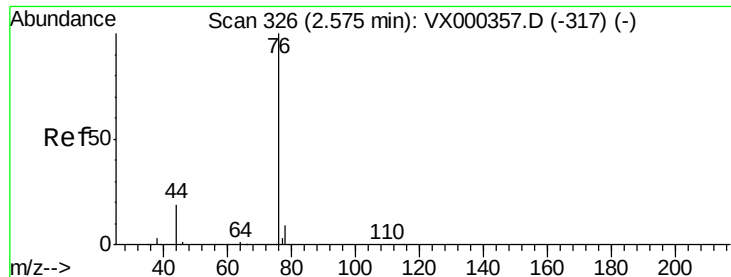
Tgt Ion: 43 Resp: 409395

Ion Ratio Lower Upper

43 100

58 30.0 24.7 37.1

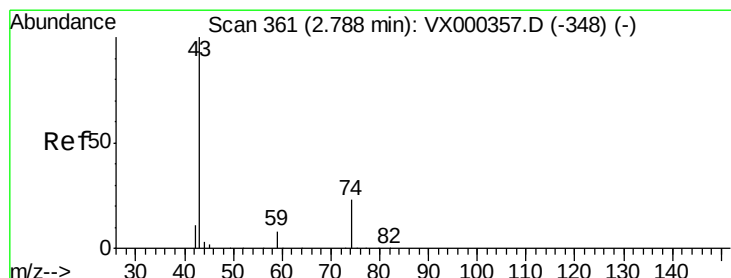
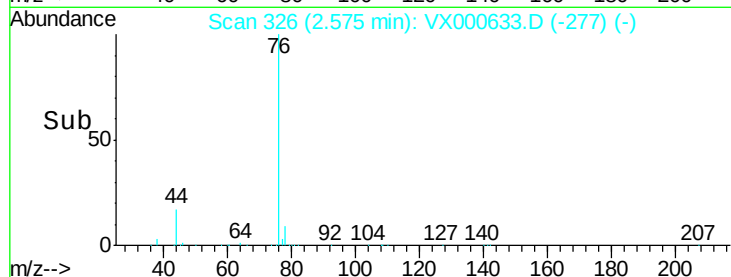
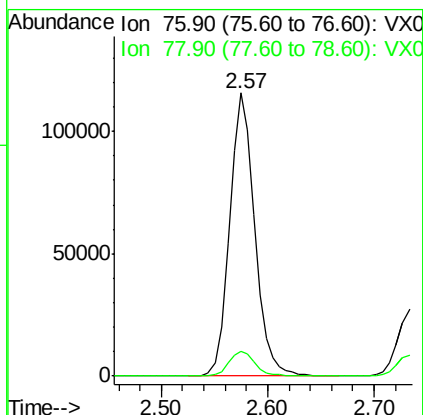
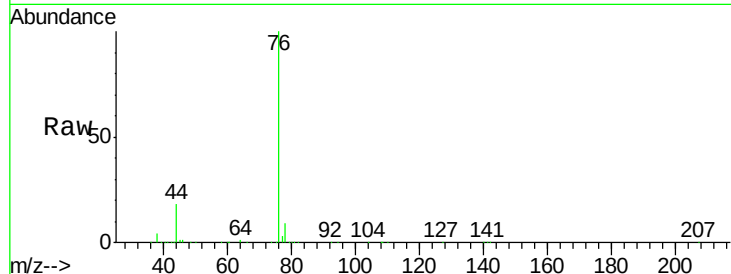




#17
Carbon Disulfide
Concen: 41.85 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000633.D
Acq: 02 Apr 2018 11:13

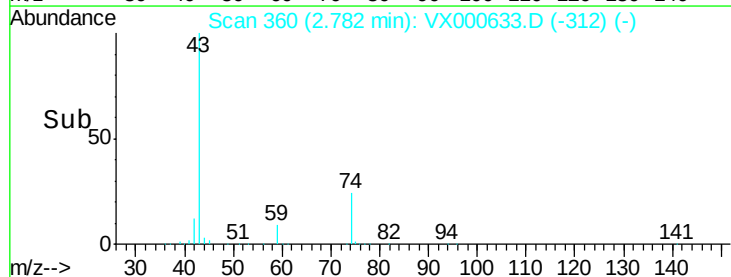
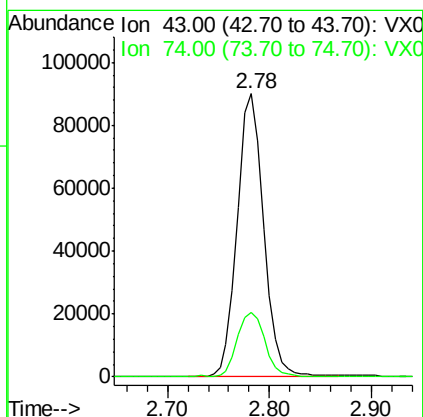
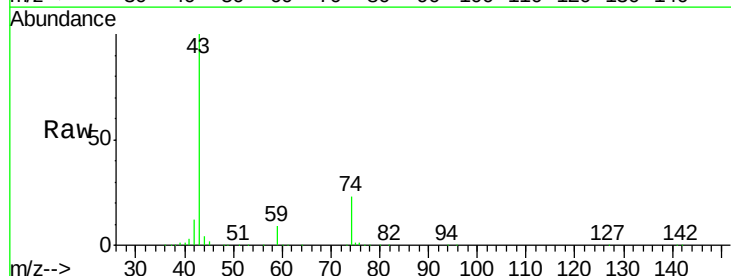
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

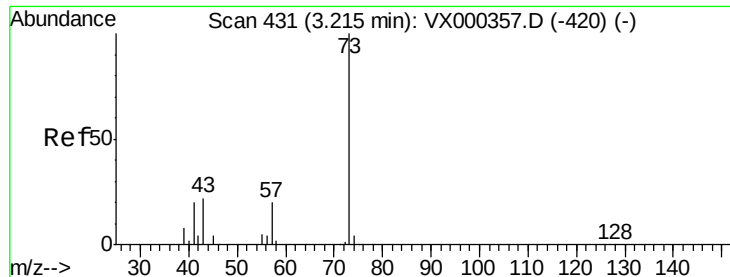
Tgt Ion: 76 Resp: 191422
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6



#18
Methyl Acetate
Concen: 44.58 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX000633.D
Acq: 02 Apr 2018 11:13

Tgt Ion: 43 Resp: 161034
Ion Ratio Lower Upper
43 100
74 24.3 19.4 29.2

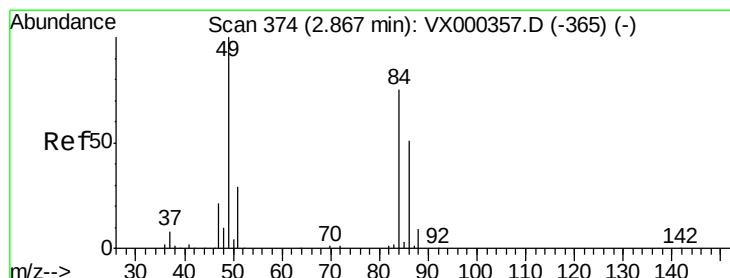
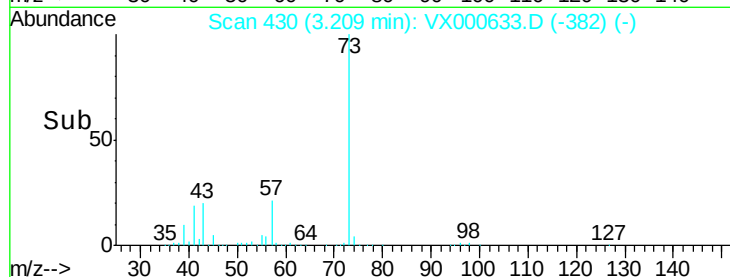
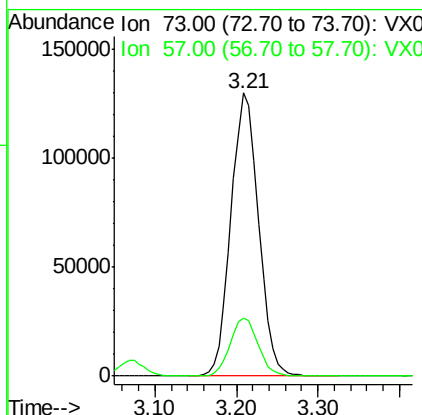
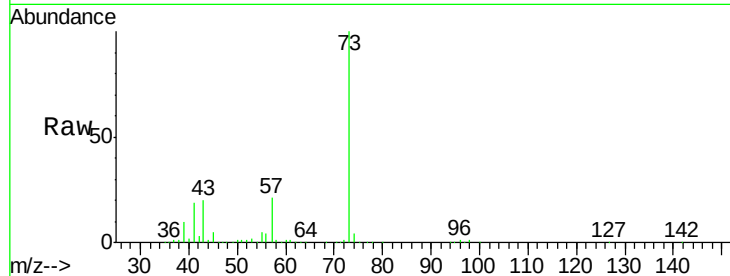




#19
Methyl tert-butyl Ether
Concen: 47.66 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX000633.D
Acq: 02 Apr 2018 11:13

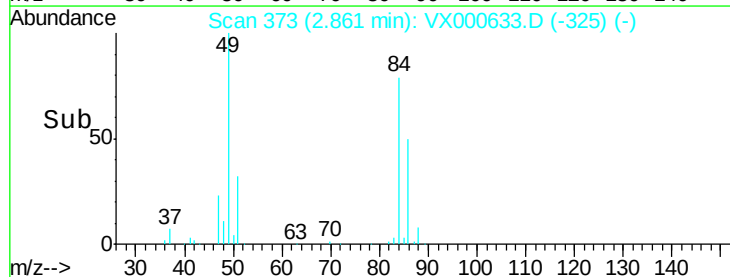
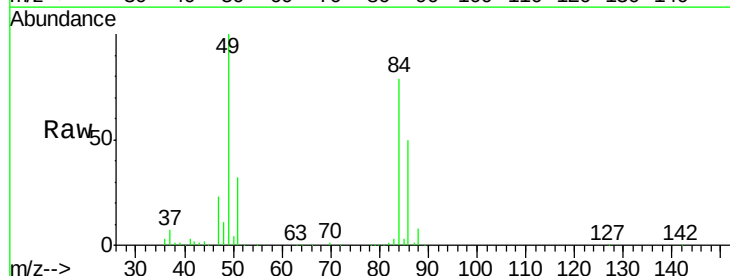
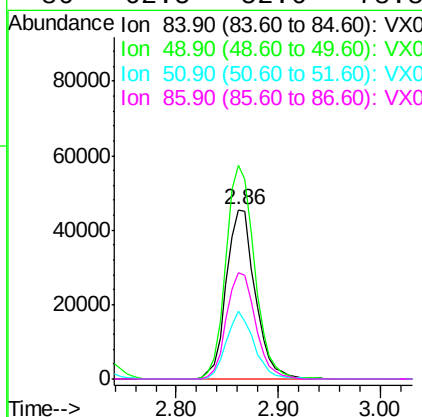
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

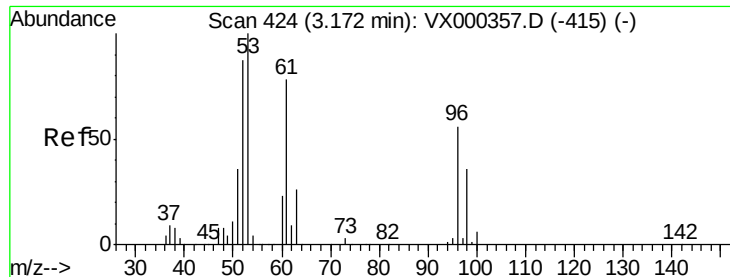
Tgt Ion: 73 Resp: 303158
Ion Ratio Lower Upper
73 100
57 20.6 17.2 25.8



#20
Methylene Chloride
Concen: 44.60 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000633.D
Acq: 02 Apr 2018 11:13

Tgt Ion: 84 Resp: 88755
Ion Ratio Lower Upper
84 100
49 126.1 100.6 151.0
51 39.8 31.6 47.4
86 62.5 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 45.57 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000633.D

Acq: 02 Apr 2018 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

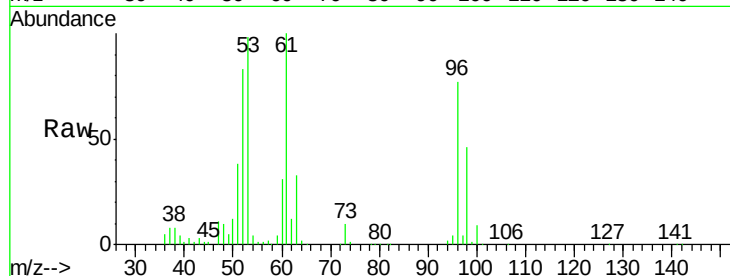
Tgt Ion: 96 Resp: 87420

Ion Ratio Lower Upper

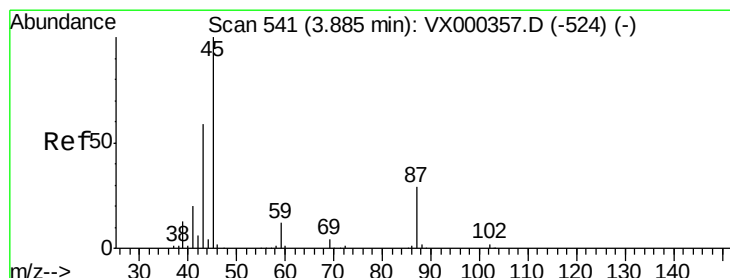
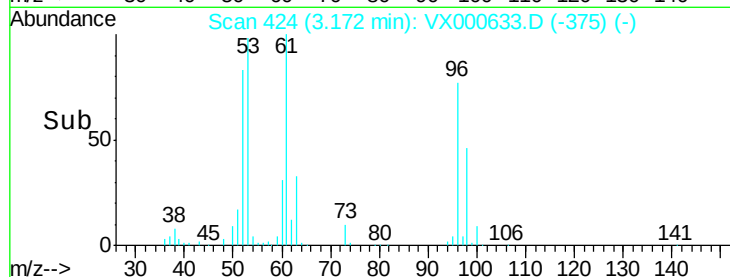
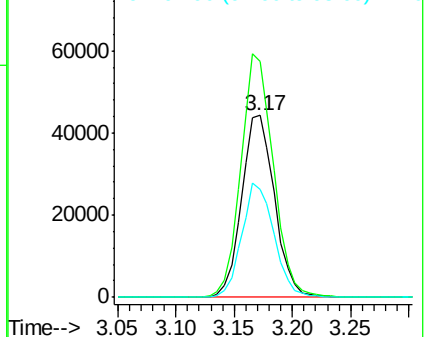
96 100

61 129.9 104.0 156.0

98 59.3 52.1 78.1



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: 52.54 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX000633.D

Acq: 02 Apr 2018 11:13

Tgt Ion: 45 Resp: 282459

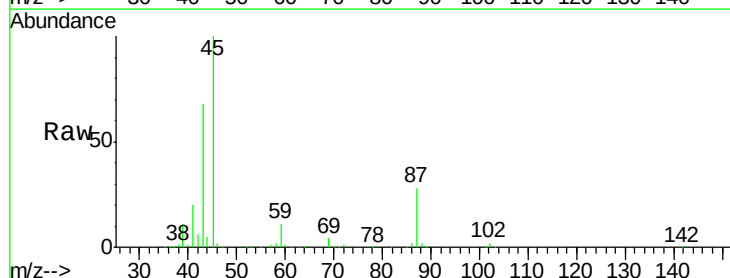
Ion Ratio Lower Upper

45 100

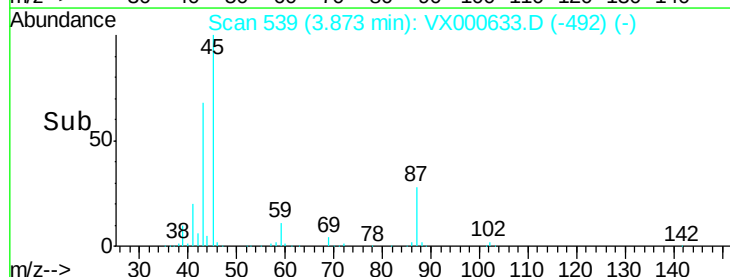
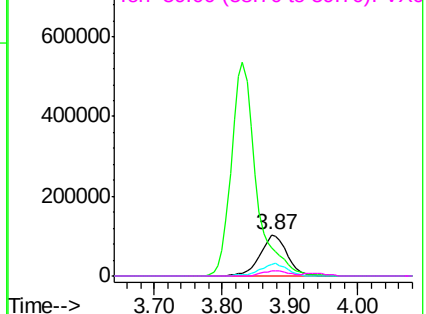
43 68.2 53.9 80.9

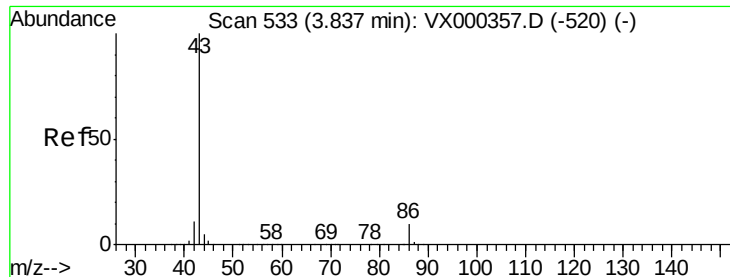
87 28.3 22.6 34.0

59 11.3 9.5 14.3



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: 266.83 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.01 min

Lab File: VX000633.D

Acq: 02 Apr 2018 11:13

Instrument :

MSVOA_X

ClientSampleId :

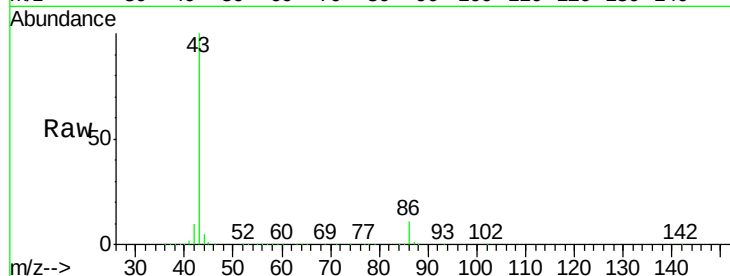
VSTDCCC050

Tgt Ion: 43 Resp: 1359896

Ion Ratio Lower Upper

43 100

86 11.1 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.83

600000

500000

400000

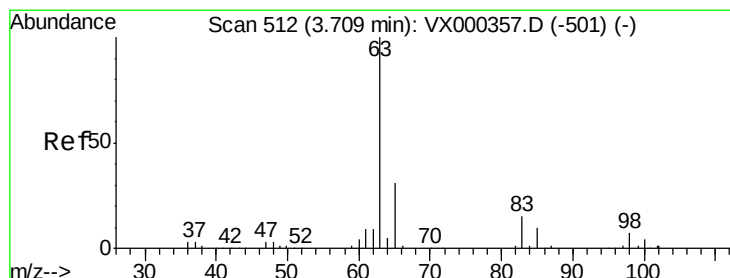
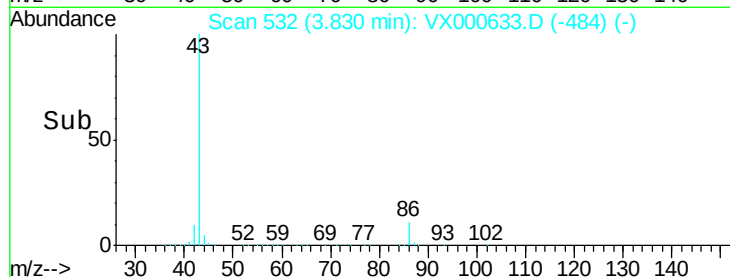
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 44.28 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.01 min

Lab File: VX000633.D

Acq: 02 Apr 2018 11:13

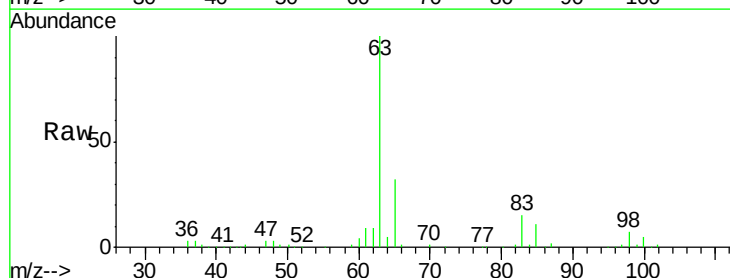
Tgt Ion: 63 Resp: 149667

Ion Ratio Lower Upper

63 100

98 6.8 3.3 9.9

100 4.8 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

80000

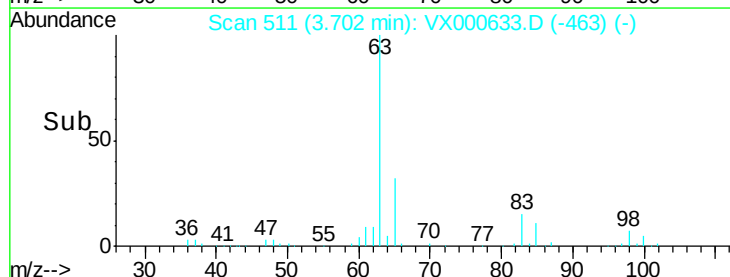
60000

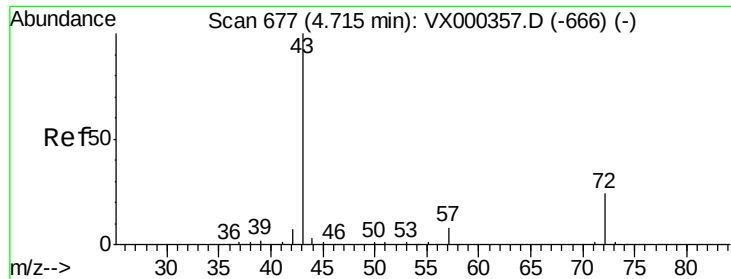
40000

20000

0

Time-->





#25

2-Butanone

Concen: 215.69 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX000633.D

Acq: 02 Apr 2018 11:13

Instrument :

MSVOA_X

ClientSampleId :

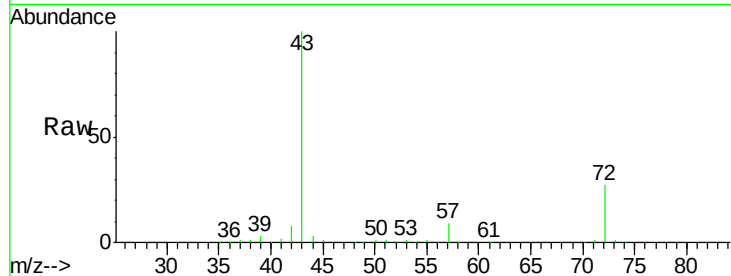
VSTDCCC050

Tgt Ion: 43 Resp: 417698

Ion Ratio Lower Upper

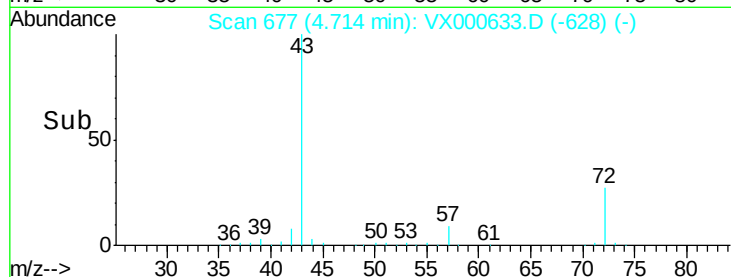
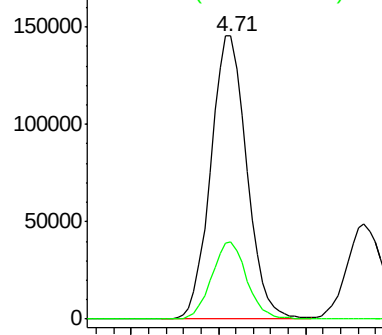
43 100

72 27.1 21.0 31.6

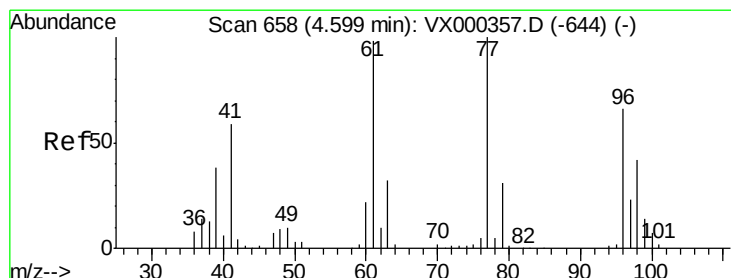


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



Time-->



#26

2,2-Dichloropropane

Concen: 43.41 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX000633.D

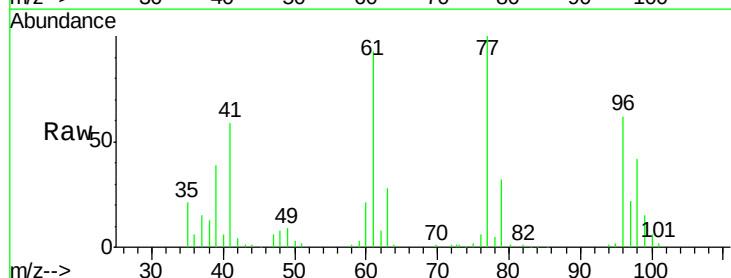
Acq: 02 Apr 2018 11:13

Tgt Ion: 77 Resp: 102834

Ion Ratio Lower Upper

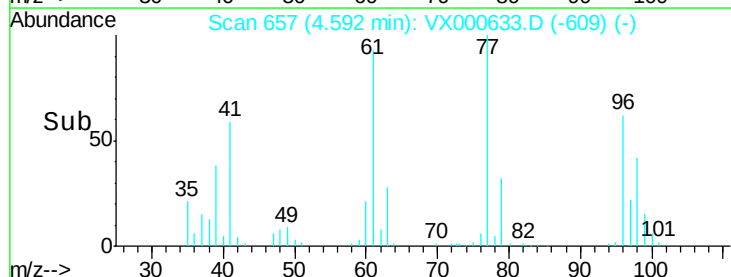
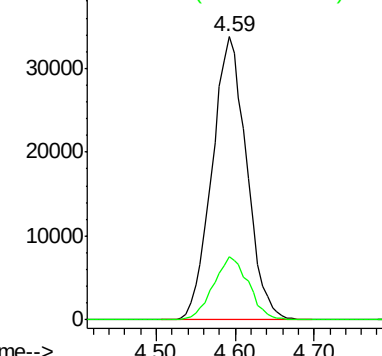
77 100

97 22.6 11.3 33.8

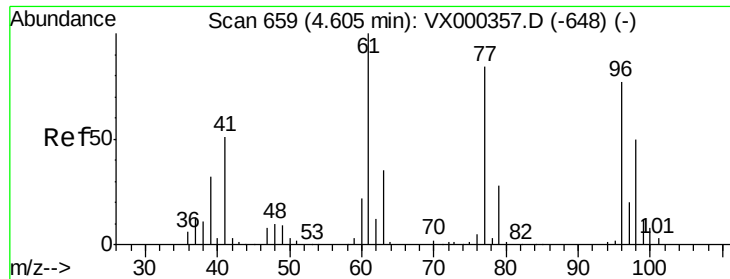


Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



Time-->



#27

cis-1,2-Dichloroethene

Concen: 41.00 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX000633.D

Acq: 02 Apr 2018 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

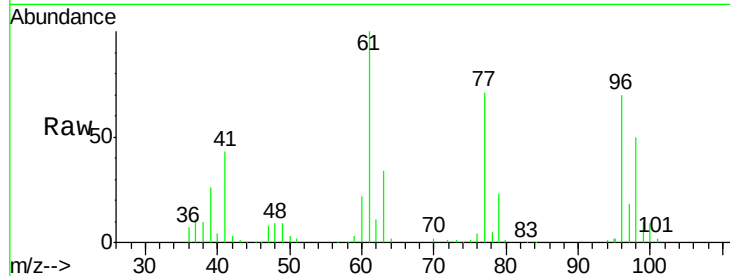
Tgt Ion: 96 Resp: 73502

Ion Ratio Lower Upper

96 100

61 146.7 0.0 291.6

98 66.5 0.0 132.0

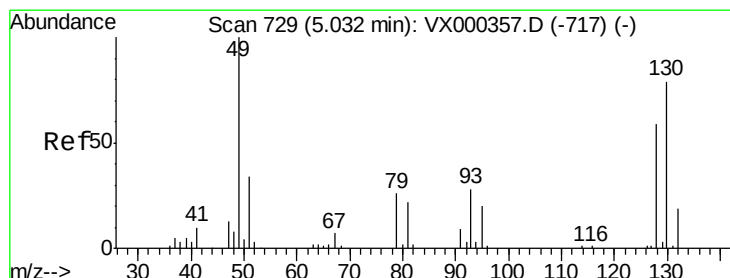
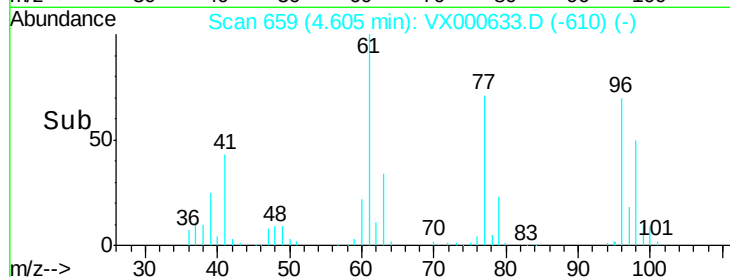
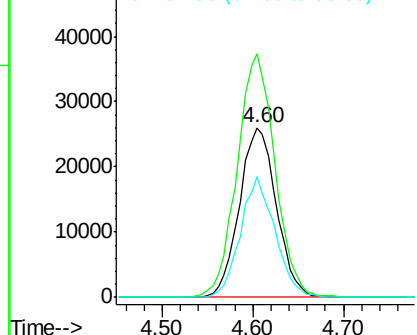


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 45.40 ug/l

RT: 5.03 min Scan# 729

Delta R.T. -0.00 min

Lab File: VX000633.D

Acq: 02 Apr 2018 11:13

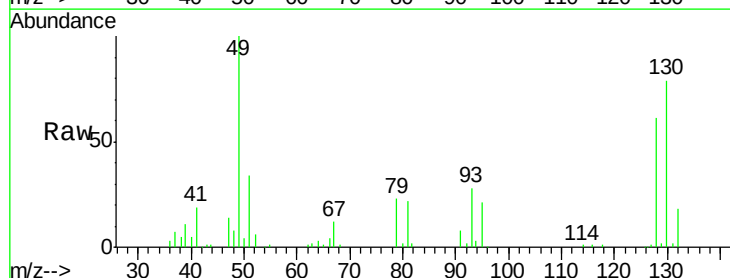
Tgt Ion: 49 Resp: 63283

Ion Ratio Lower Upper

49 100

129 2.3 0.0 5.0

130 81.0 64.0 96.0

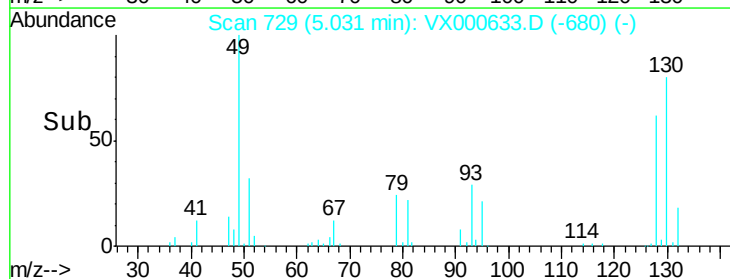
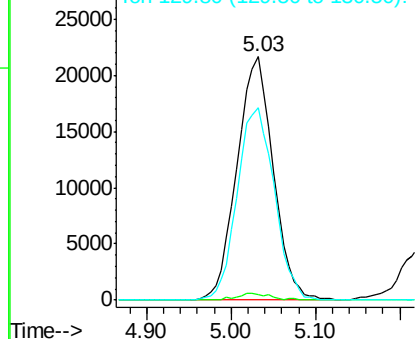


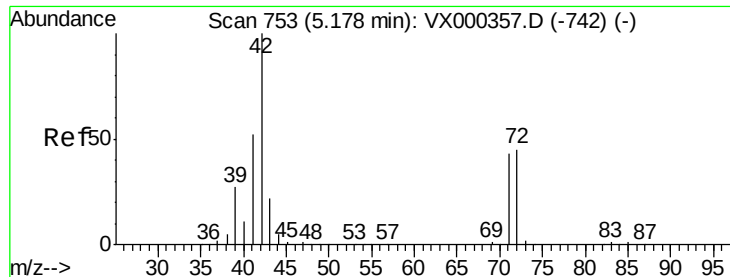
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

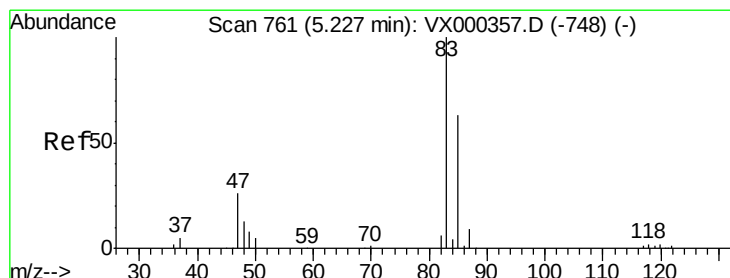
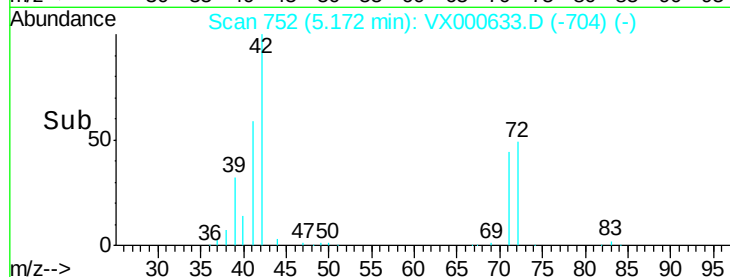
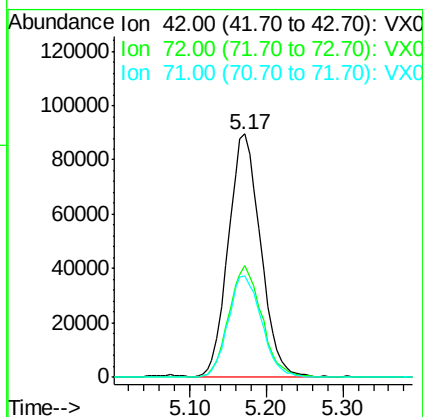
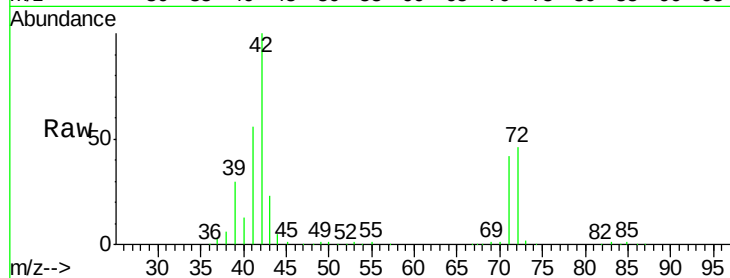




#29
Tetrahydrofuran
Concen: 219.20 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX000633.D
Acq: 02 Apr 2018 11:13

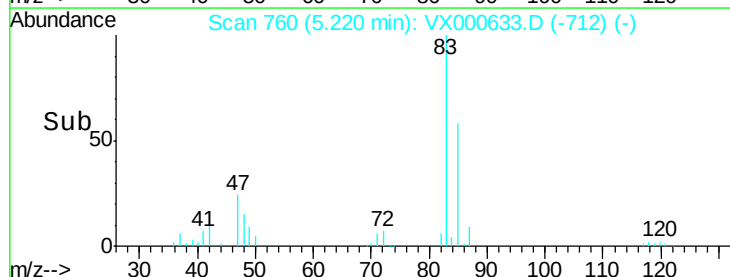
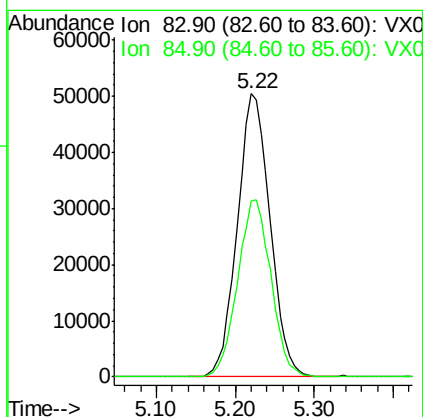
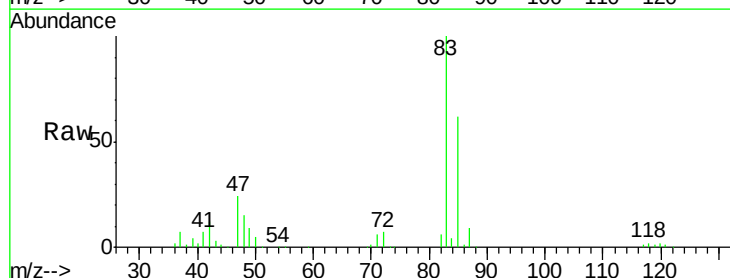
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

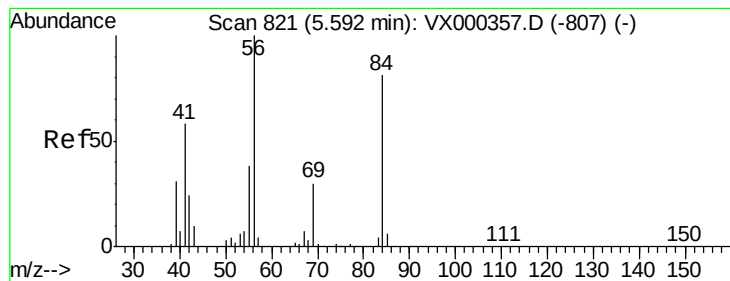
Tgt Ion: 42 Resp: 261177
Ion Ratio Lower Upper
42 100
72 46.8 37.9 56.9
71 43.2 34.4 51.6



#30
Chloroform
Concen: 46.02 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.01 min
Lab File: VX000633.D
Acq: 02 Apr 2018 11:13

Tgt Ion: 83 Resp: 145765
Ion Ratio Lower Upper
83 100
85 62.2 53.3 79.9





#31

Cyclohexane

Concen: 43.00 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

Lab File: VX000633.D

Acq: 02 Apr 2018 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

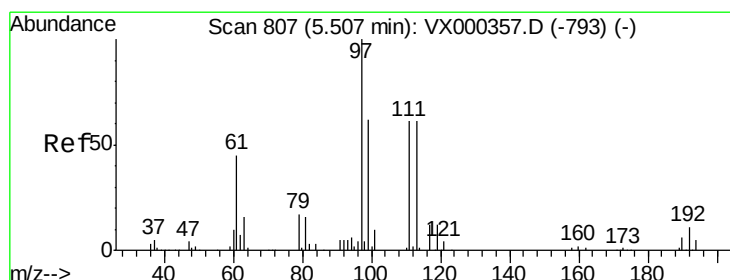
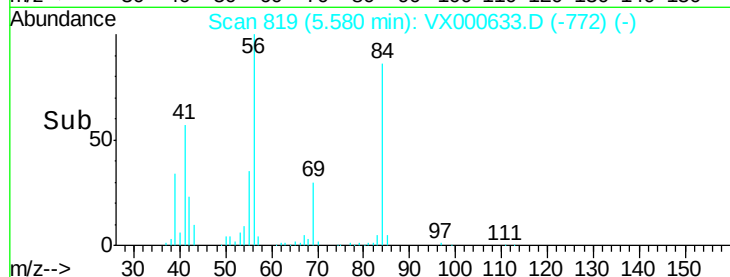
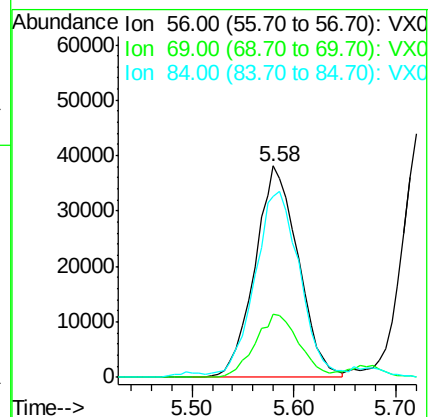
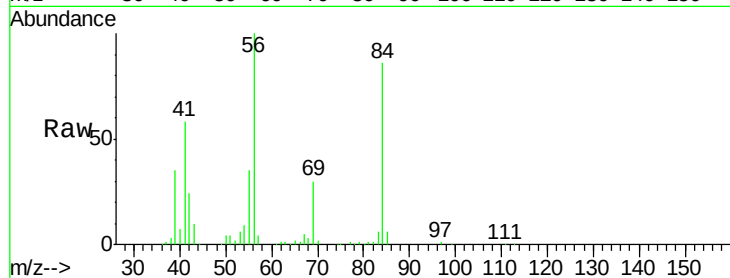
Tgt Ion: 56 Resp: 112351

Ion Ratio Lower Upper

56 100

69 29.8 23.4 35.0

84 83.7 71.0 106.4



#32

1,1,1-Trichloroethane

Concen: 44.81 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX000633.D

Acq: 02 Apr 2018 11:13

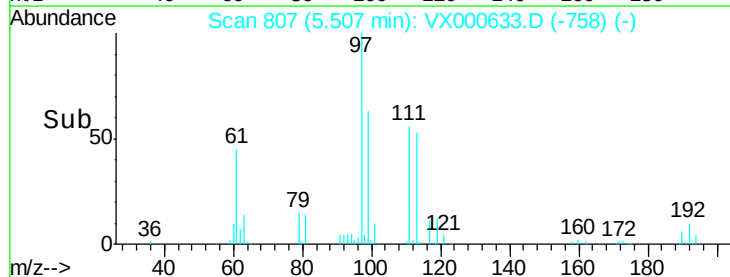
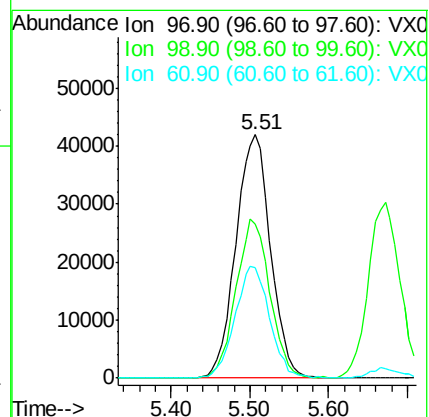
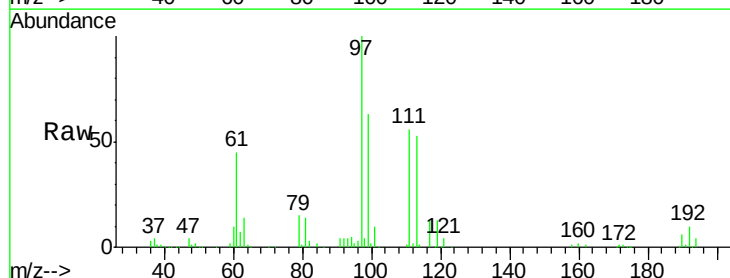
Tgt Ion: 97 Resp: 128055

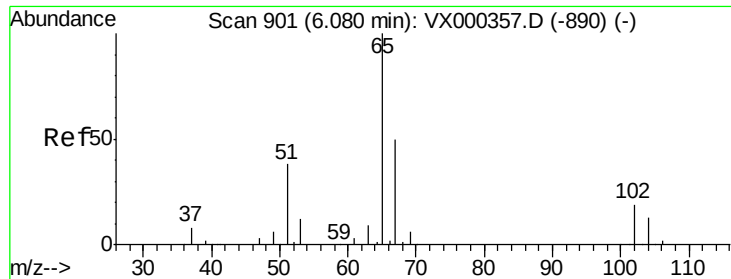
Ion Ratio Lower Upper

97 100

99 63.9 52.1 78.1

61 46.0 36.2 54.4

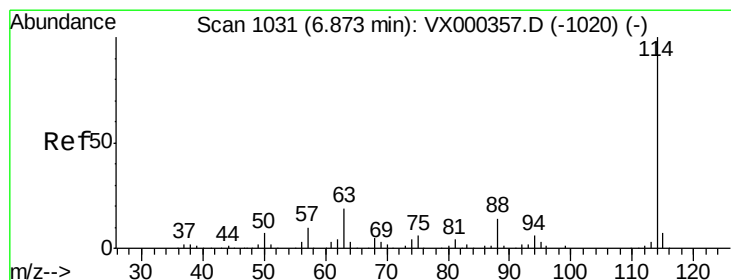
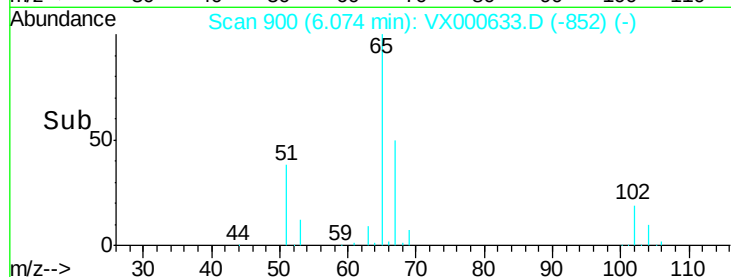
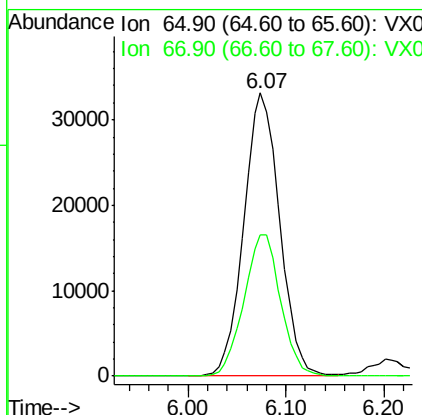
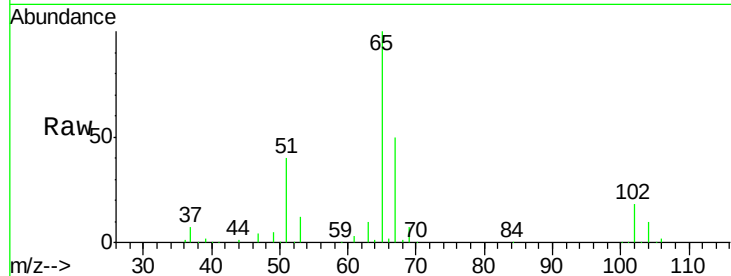




#33
 1,2-Dichloroethane-d4
 Concen: 40.79 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX000633.D
 Acq: 02 Apr 2018 11:13

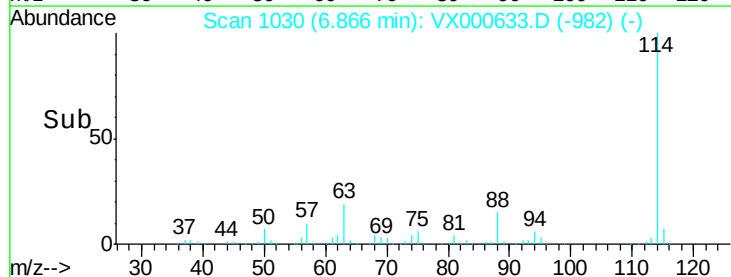
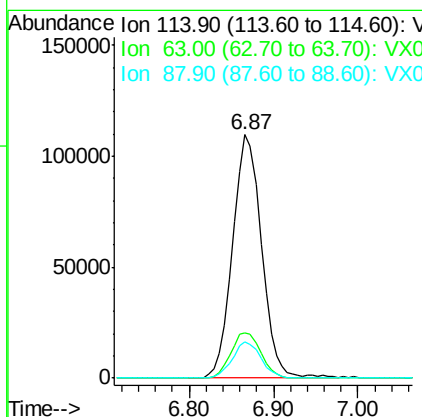
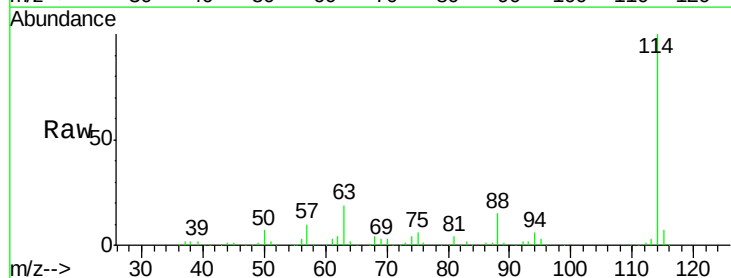
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

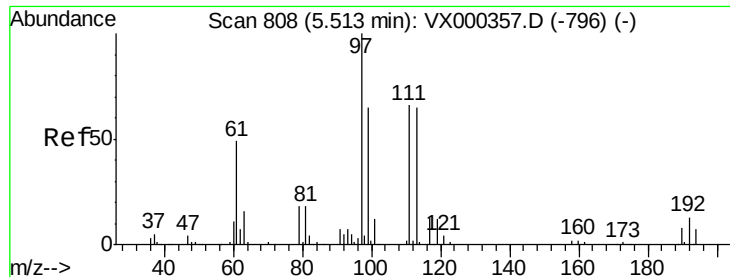
Tgt Ion: 65 Resp: 84478
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: VX000633.D
 Acq: 02 Apr 2018 11:13

Tgt Ion: 114 Resp: 255527
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 38.4
 88 14.9 0.0 27.0

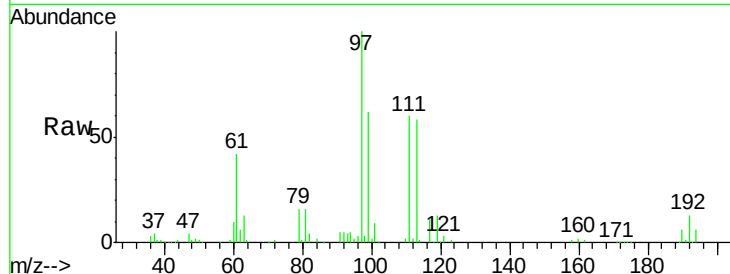




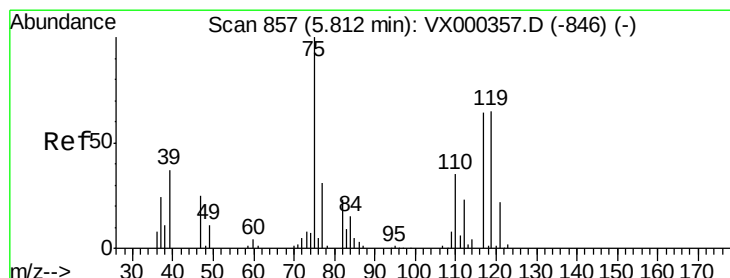
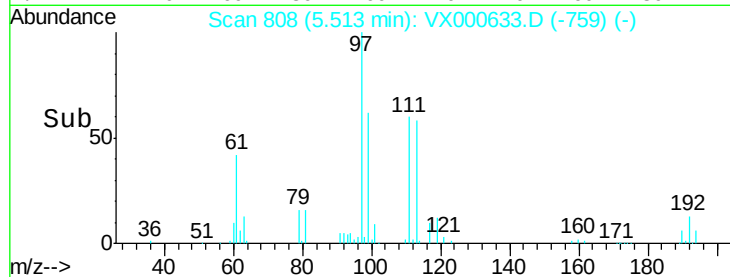
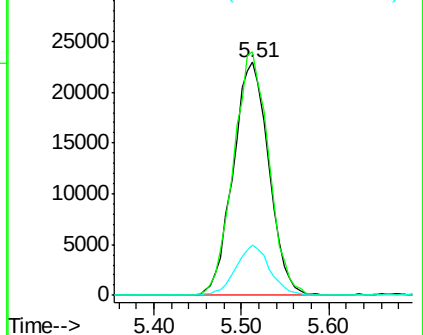
#35
 Dibromofluoromethane
 Concen: 40.50 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX000633.D
 Acq: 02 Apr 2018 11:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:113 Resp: 65213
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.4 123.6
 192 20.4 15.8 23.6

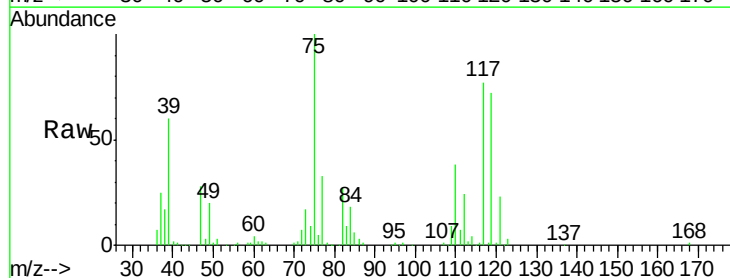


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

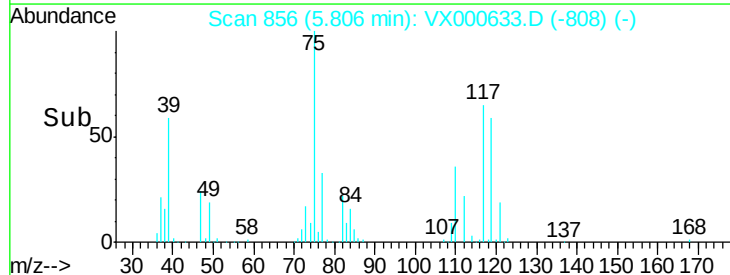
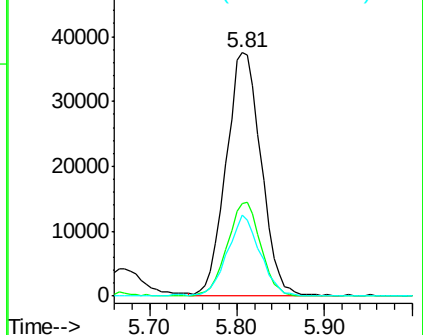


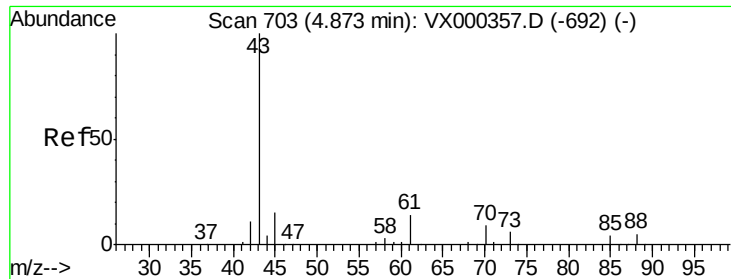
#36
 1,1-Dichloropropene
 Concen: 43.46 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: VX000633.D
 Acq: 02 Apr 2018 11:13

Tgt Ion: 75 Resp: 104026
 Ion Ratio Lower Upper
 75 100
 110 37.0 17.9 53.7
 77 31.2 24.0 36.0



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

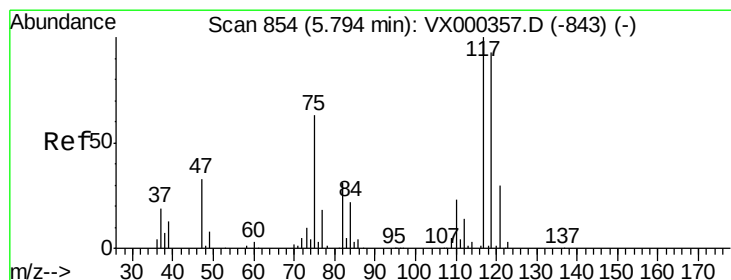
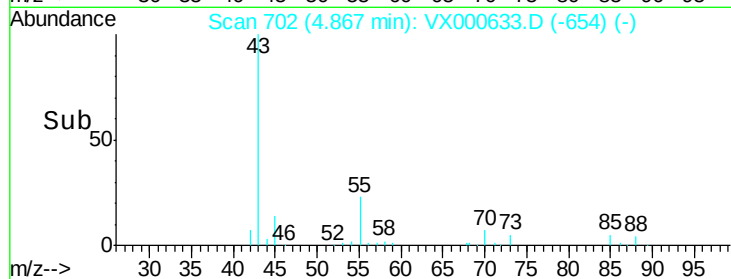
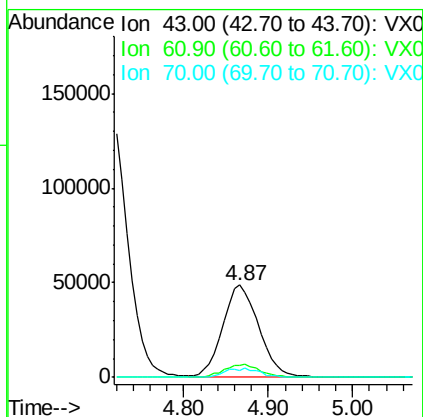
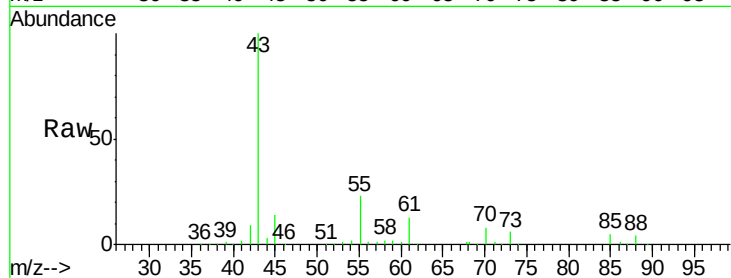




#37
Ethyl Acetate
Concen: 43.48 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX000633.D
Acq: 02 Apr 2018 11:13

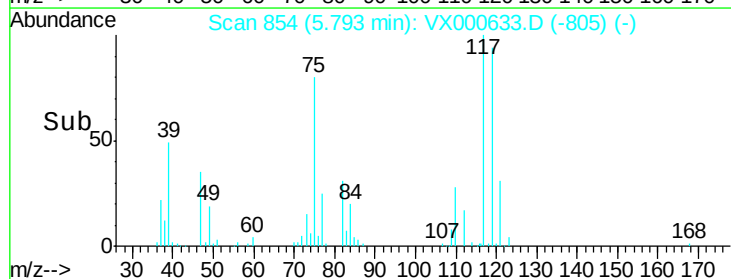
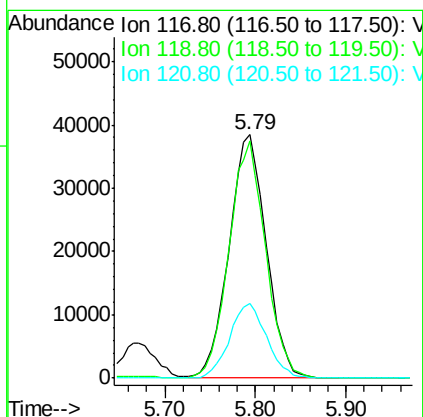
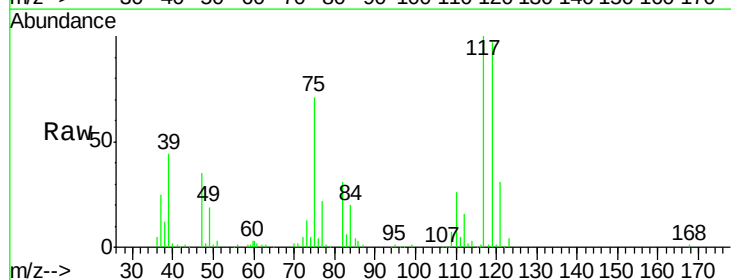
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

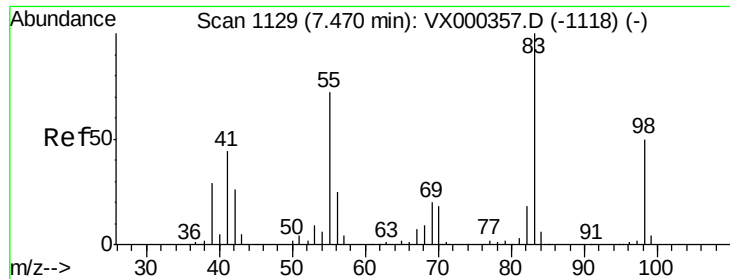
Tgt Ion: 43 Resp: 142167
Ion Ratio Lower Upper
43 100
61 13.9 11.1 16.7
70 9.4 7.7 11.5



#38
Carbon Tetrachloride
Concen: 43.73 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000633.D
Acq: 02 Apr 2018 11:13

Tgt Ion: 117 Resp: 109796
Ion Ratio Lower Upper
117 100
119 97.5 77.4 116.2
121 30.8 24.8 37.2

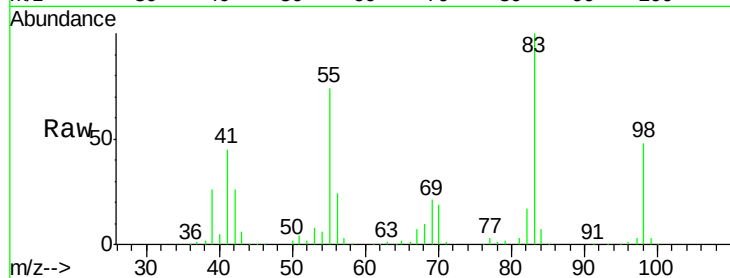




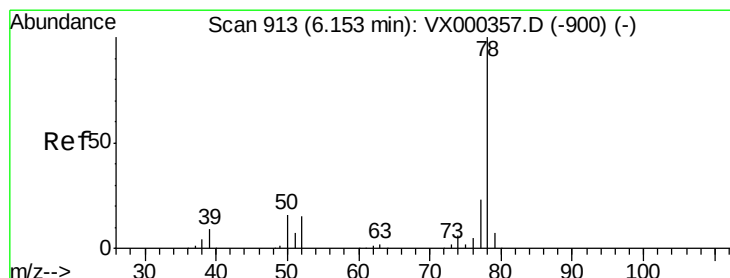
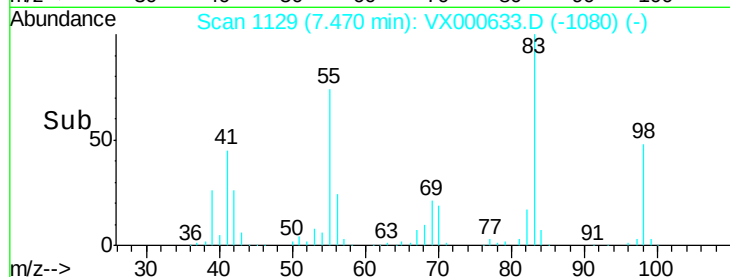
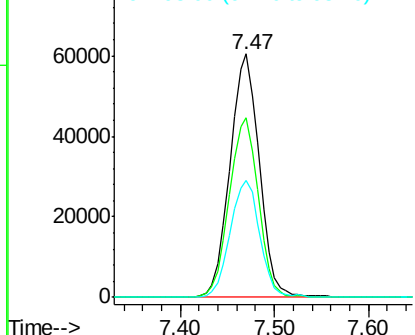
#39
Methylcyclohexane
Concen: 44.96 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000633.D
Acq: 02 Apr 2018 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 130877
Ion Ratio Lower Upper
83 100
55 73.8 55.5 83.3
98 48.2 38.2 57.4

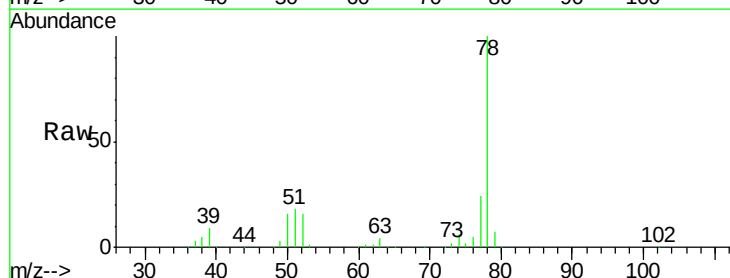


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

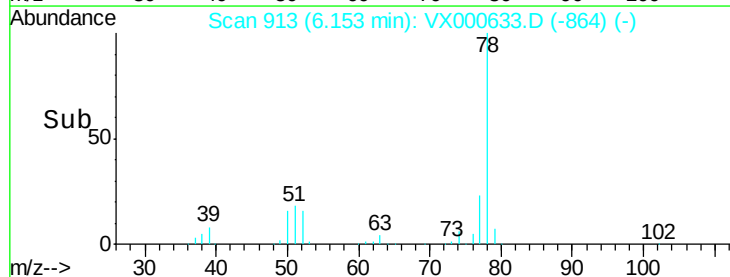
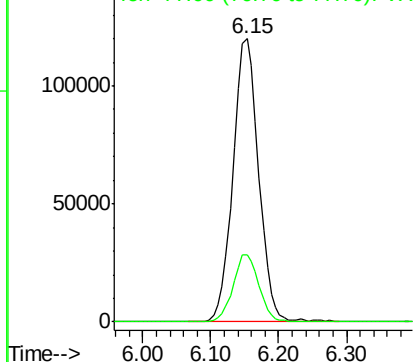


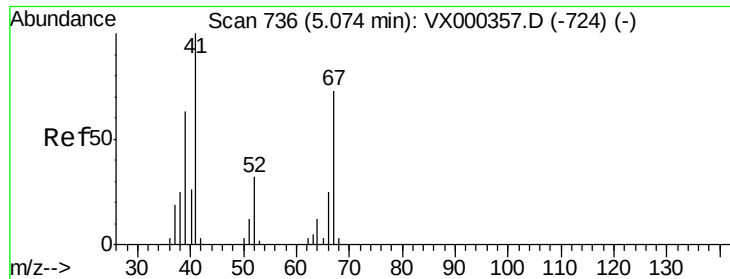
#40
Benzene
Concen: 45.27 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000633.D
Acq: 02 Apr 2018 11:13

Tgt Ion: 78 Resp: 314692
Ion Ratio Lower Upper
78 100
77 23.9 18.7 28.1



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

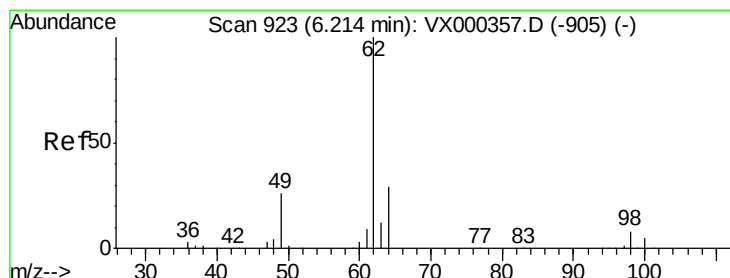
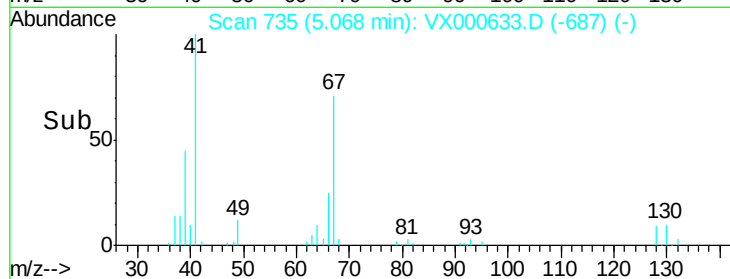
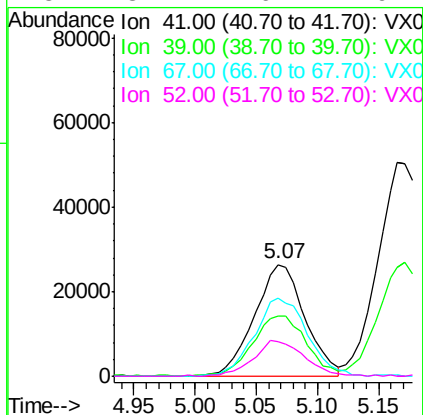
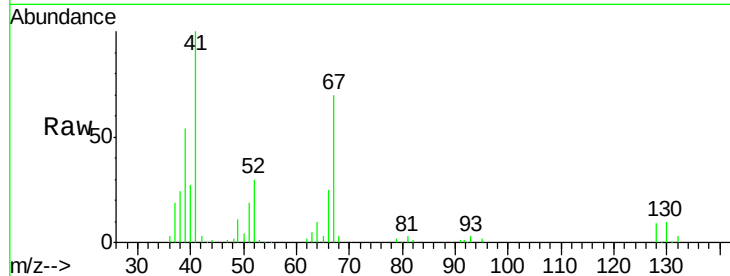




#41
Methacrylonitrile
Concen: 43.69 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX000633.D
Acq: 02 Apr 2018 11:13

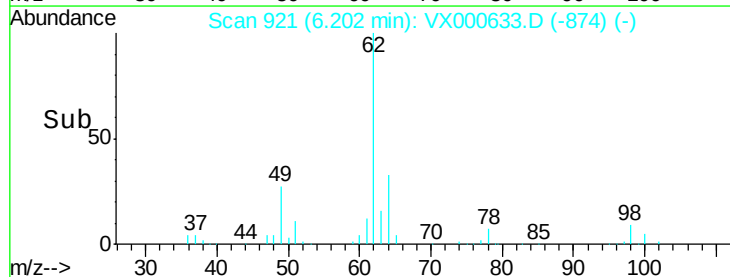
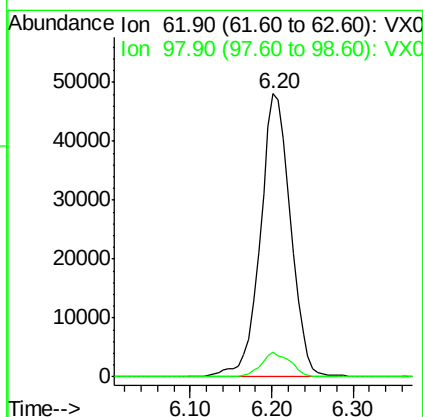
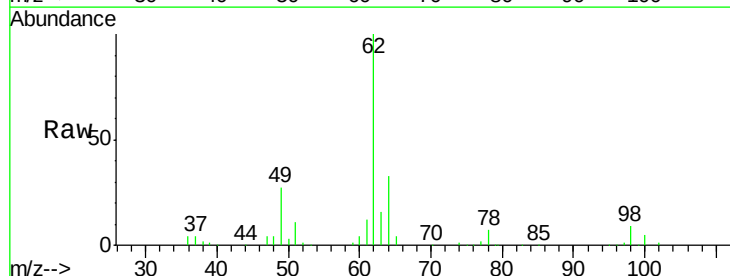
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

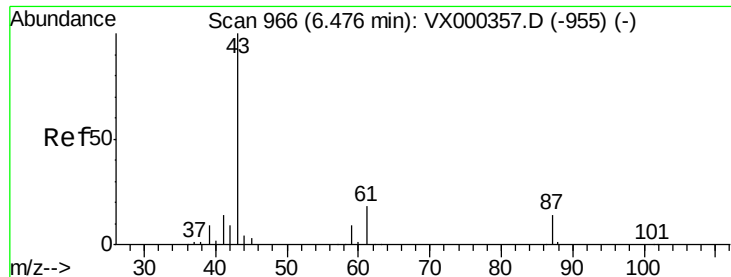
Tgt Ion:	41	Resp:	75303
Ion	Ratio	Lower	Upper
41	100		
39	57.5	45.7	68.5
67	73.9	57.8	86.8
52	31.1	26.7	40.1



#42
1,2-Dichloroethane
Concen: 45.55 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX000633.D
Acq: 02 Apr 2018 11:13

Tgt Ion:	62	Resp:	124238
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	15.8





#43

Isopropyl Acetate

Concen: 46.72 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX000633.D

Acq: 02 Apr 2018 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

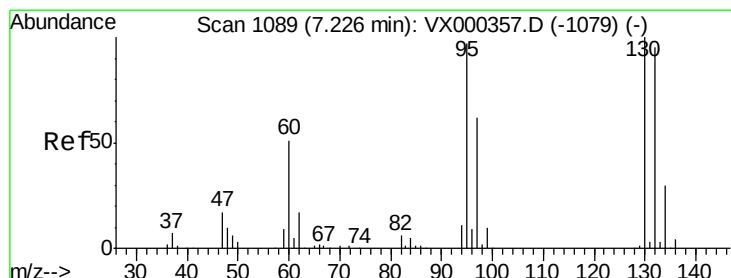
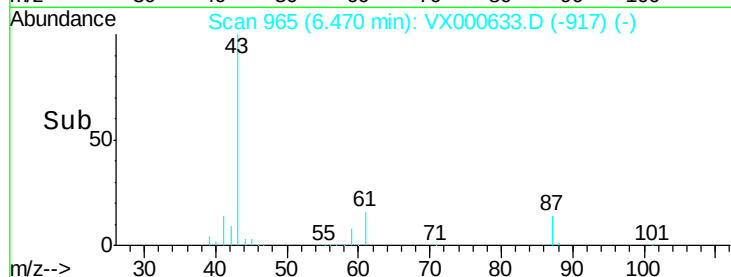
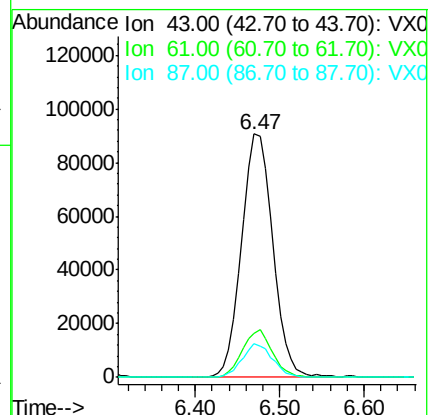
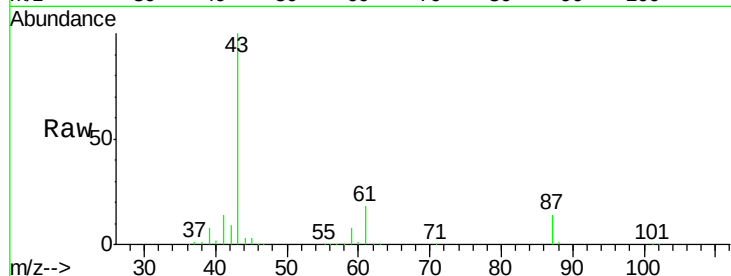
Tgt Ion: 43 Resp: 227371

Ion Ratio Lower Upper

43 100

61 18.6 14.4 21.6

87 13.4 11.0 16.4



#44

Trichloroethene

Concen: 46.62 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.01 min

Lab File: VX000633.D

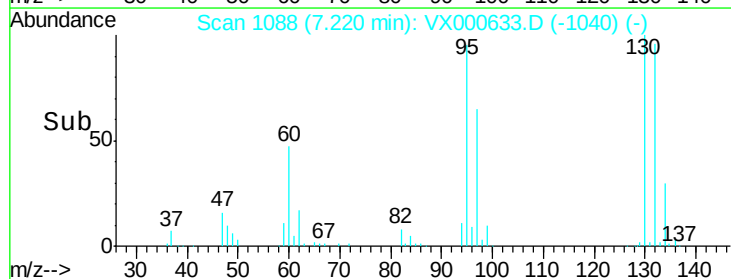
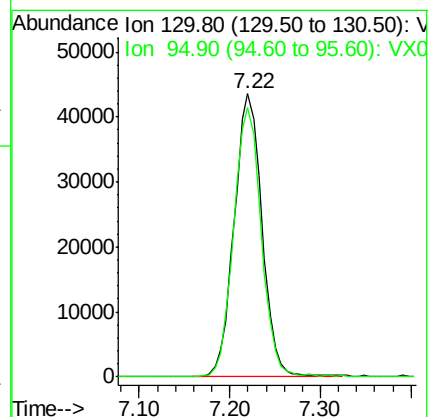
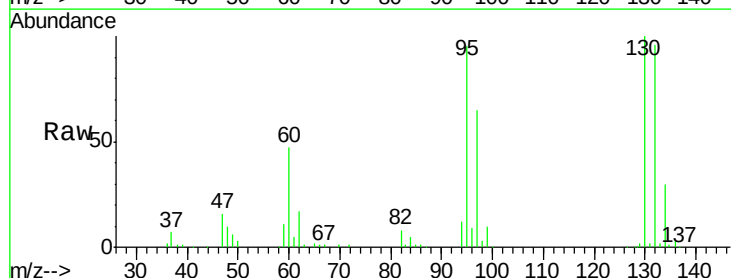
Acq: 02 Apr 2018 11:13

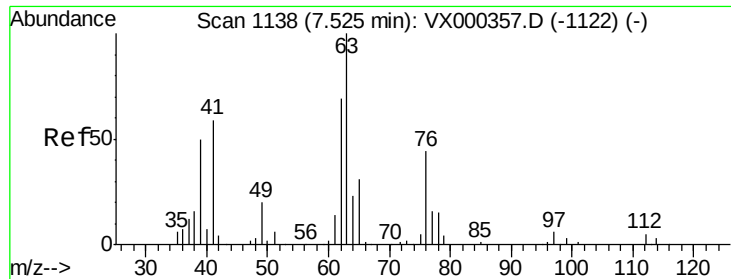
Tgt Ion: 130 Resp: 92839

Ion Ratio Lower Upper

130 100

95 95.0 0.0 186.0

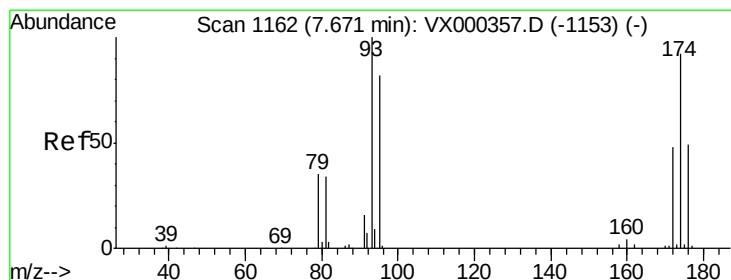
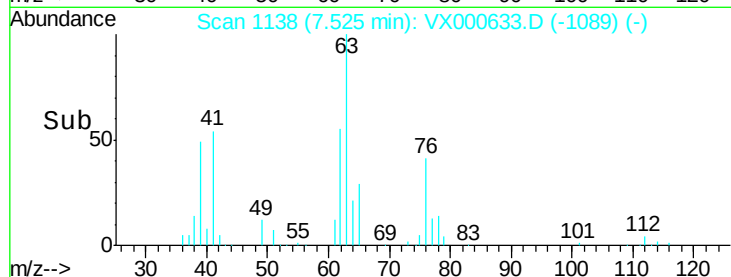
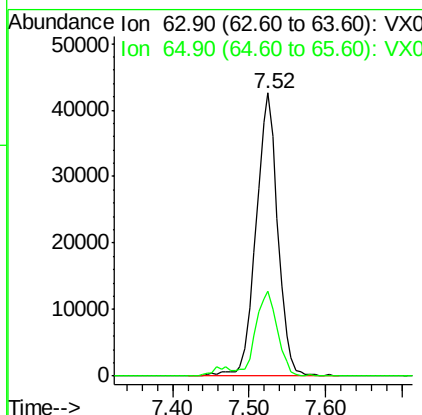
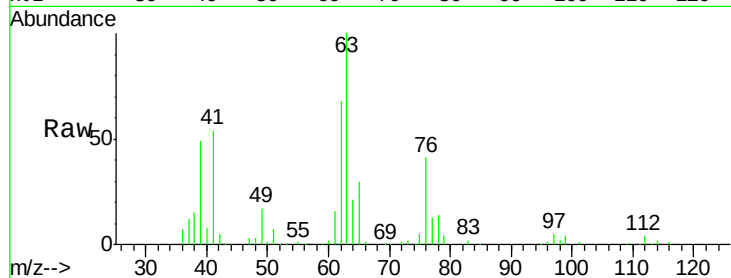




#45
 1,2-Dichloropropane
 Concen: 47.65 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000633.D
 Acq: 02 Apr 2018 11:13

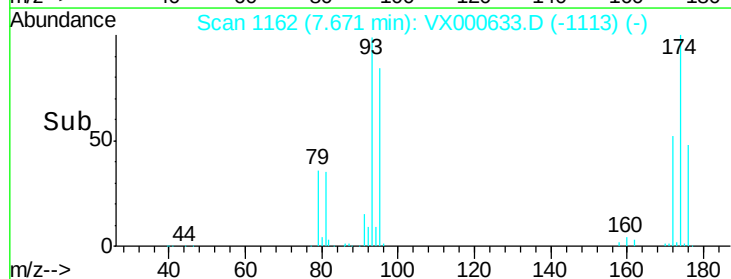
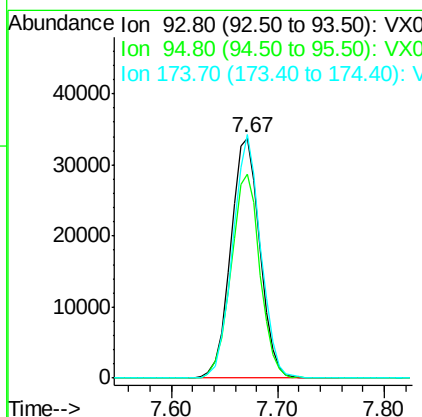
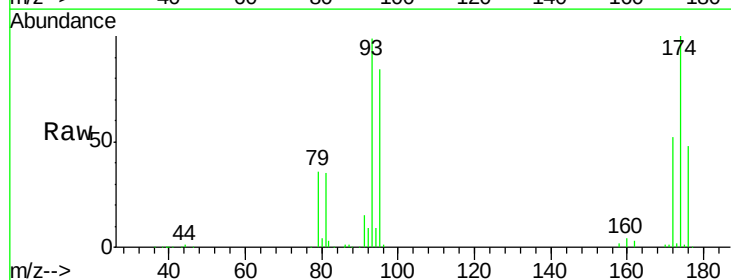
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

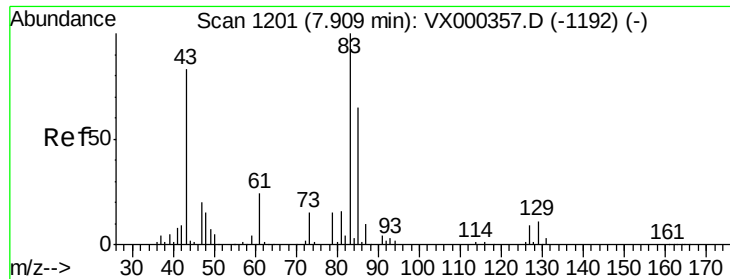
Tgt Ion: 63 Resp: 84777
 Ion Ratio Lower Upper
 63 100
 65 29.8 24.6 36.8



#46
 Dibromomethane
 Concen: 46.33 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000633.D
 Acq: 02 Apr 2018 11:13

Tgt Ion: 93 Resp: 64701
 Ion Ratio Lower Upper
 93 100
 95 84.5 66.5 99.7
 174 97.5 76.0 114.0





#47

Bromodichloromethane

Concen: 49.97 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000633.D

Acq: 02 Apr 2018 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

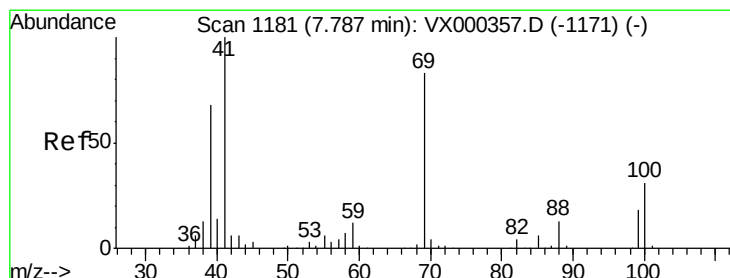
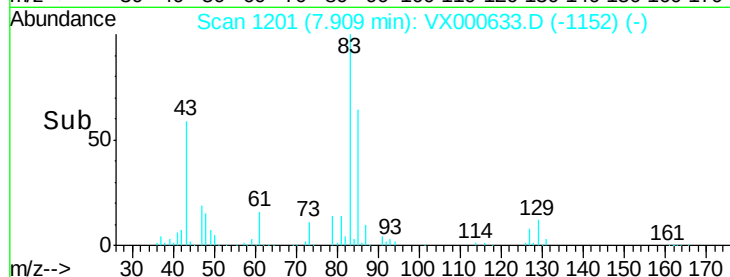
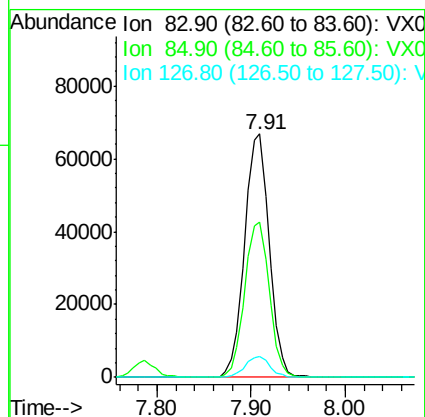
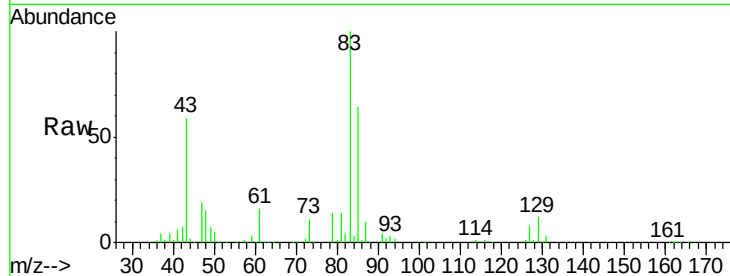
Tgt Ion: 83 Resp: 122781

Ion Ratio Lower Upper

83 100

85 63.6 51.4 77.0

127 8.4 7.0 10.6



#48

Methyl methacrylate

Concen: 47.13 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX000633.D

Acq: 02 Apr 2018 11:13

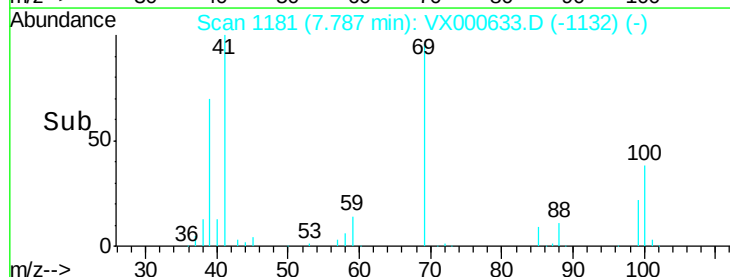
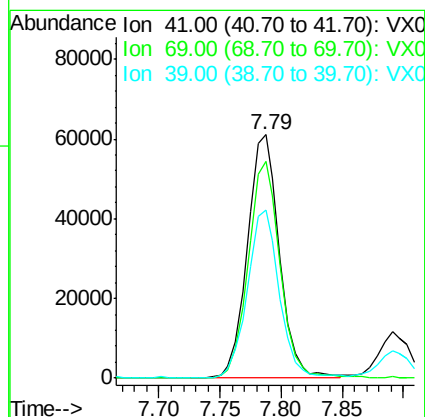
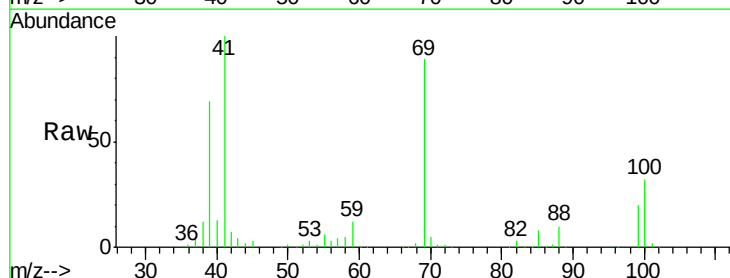
Tgt Ion: 41 Resp: 111359

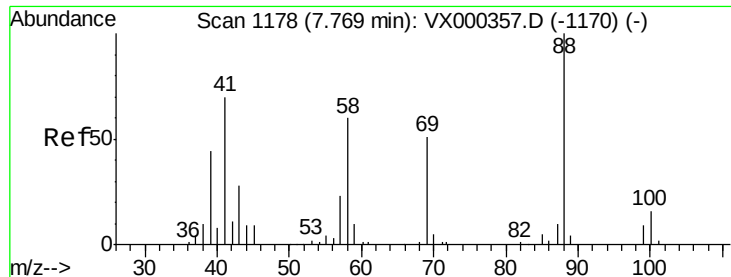
Ion Ratio Lower Upper

41 100

69 88.8 68.2 102.4

39 68.6 54.6 81.8

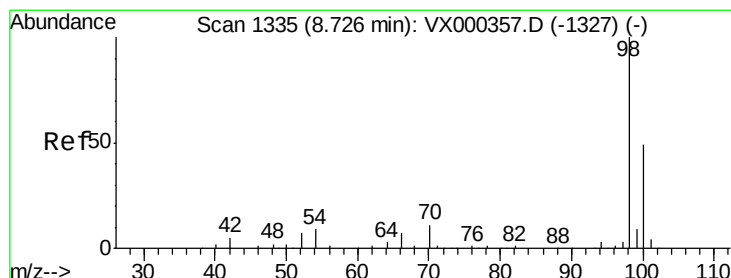
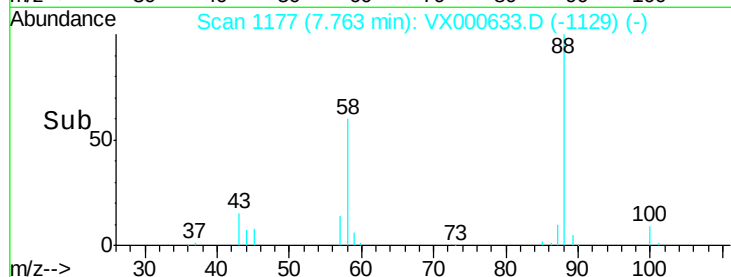
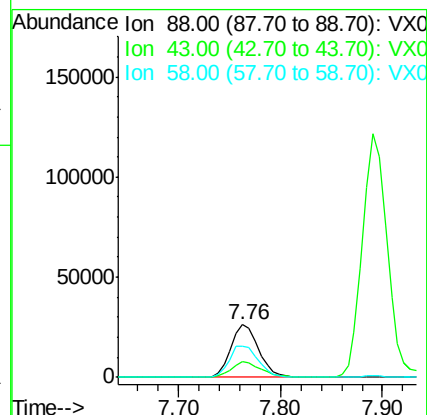
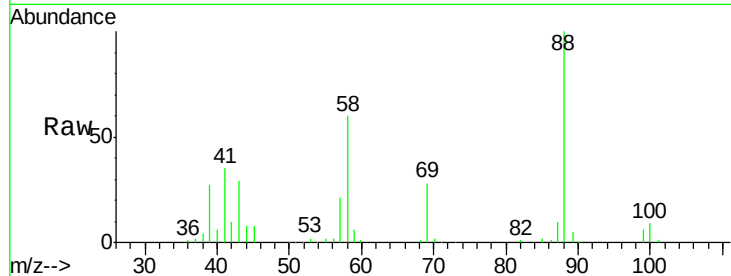




#49
1,4-Dioxane
Concen: 992.47 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.01 min
Lab File: VX000633.D
Acq: 02 Apr 2018 11:13

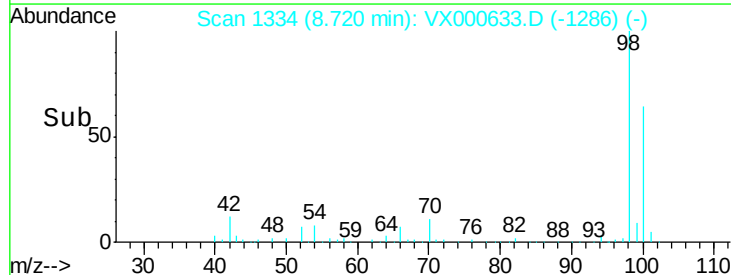
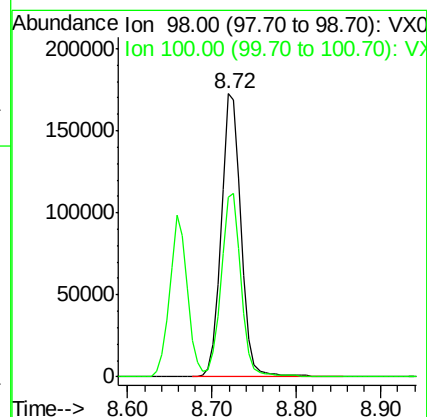
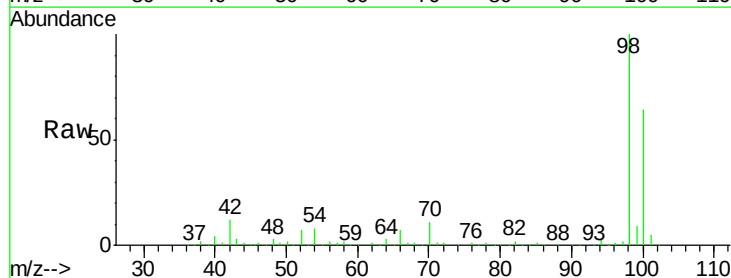
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

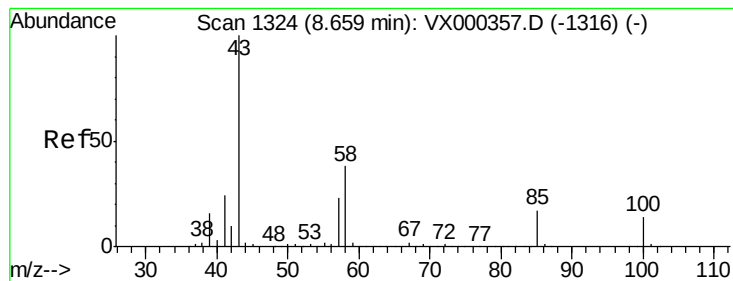
Tgt Ion: 88 Resp: 49291
Ion Ratio Lower Upper
88 100
43 31.5 26.8 40.2
58 63.0 52.2 78.2



#50
Toluene-d8
Concen: 41.89 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.01 min
Lab File: VX000633.D
Acq: 02 Apr 2018 11:13

Tgt Ion: 98 Resp: 279304
Ion Ratio Lower Upper
98 100
100 65.6 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 236.16 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000633.D

Acq: 02 Apr 2018 11:13

Instrument :

MSVOA_X

ClientSampleId :

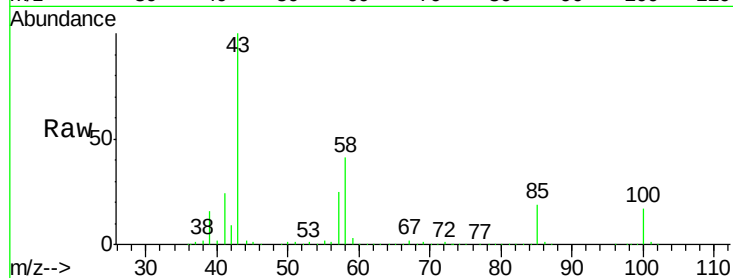
VSTDCCC050

Tgt Ion: 43 Resp: 889635

Ion Ratio Lower Upper

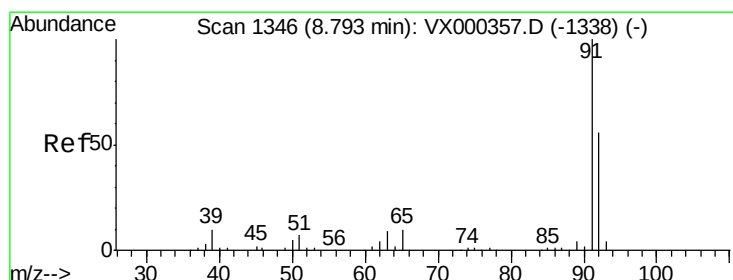
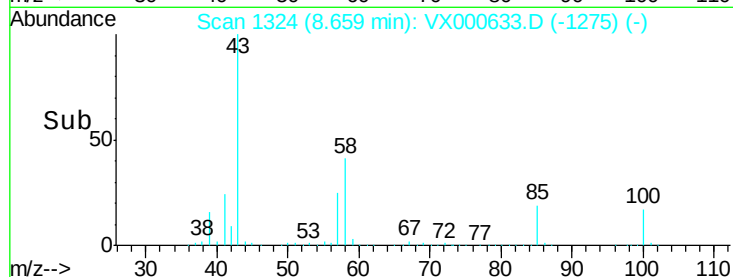
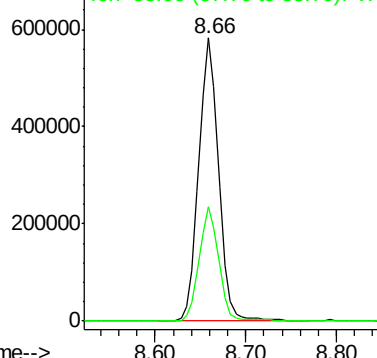
43 100

58 39.2 30.3 45.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 49.85 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000633.D

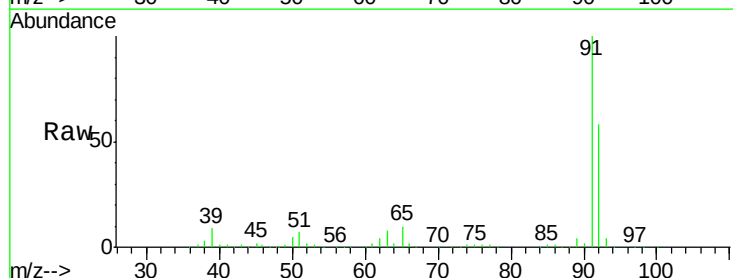
Acq: 02 Apr 2018 11:13

Tgt Ion: 92 Resp: 242233

Ion Ratio Lower Upper

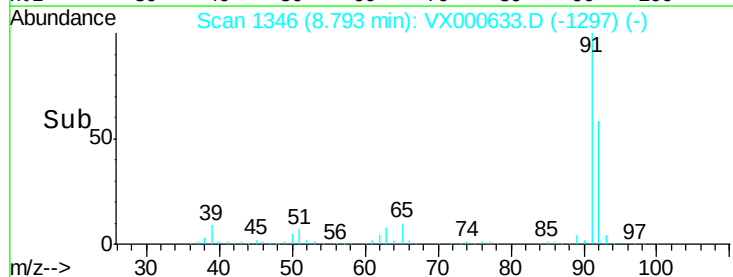
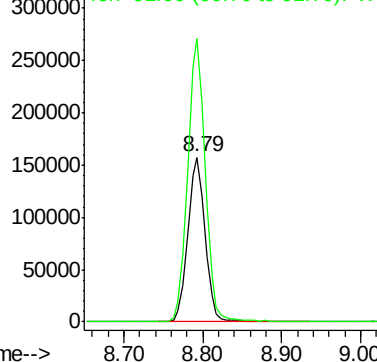
92 100

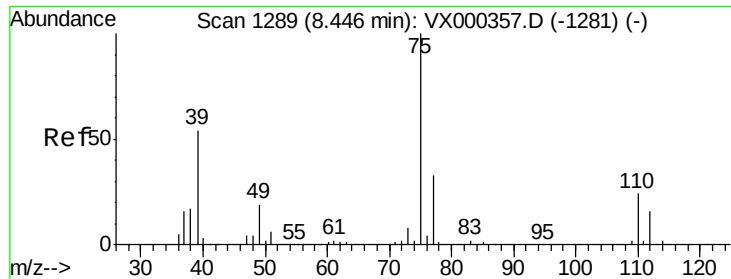
91 174.5 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 49.72 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VX000633.D

Acq: 02 Apr 2018 11:13

Instrument :

MSVOA_X

ClientSampleId :

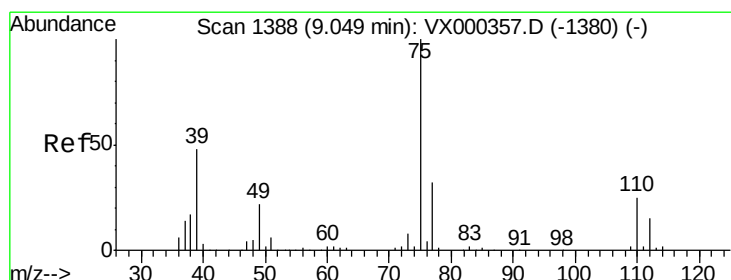
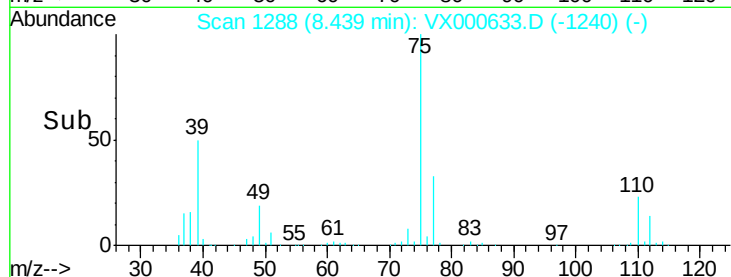
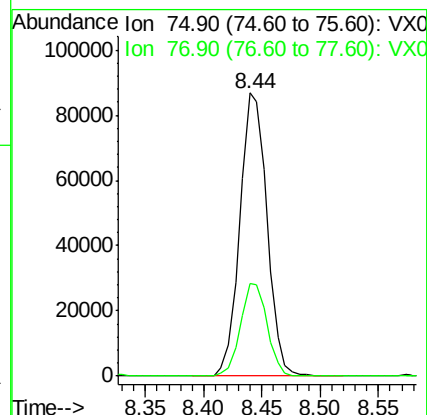
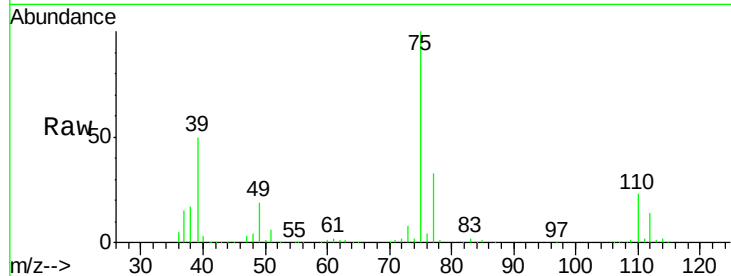
VSTDCCC050

Tgt Ion: 75 Resp: 141565

Ion Ratio Lower Upper

75 100

77 32.9 24.0 36.0



#54

cis-1,3-Dichloropropene

Concen: 53.00 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000633.D

Acq: 02 Apr 2018 11:13

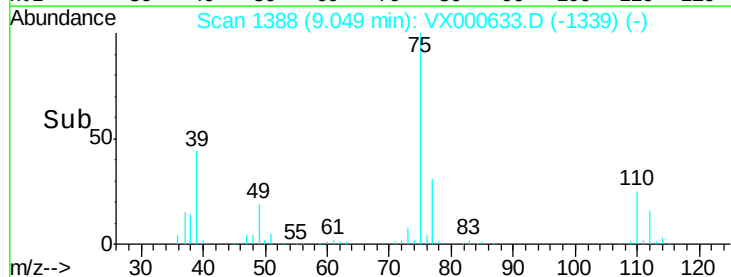
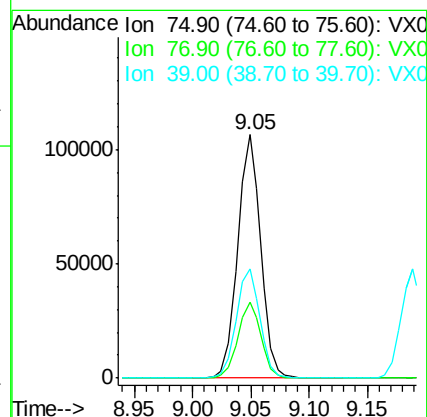
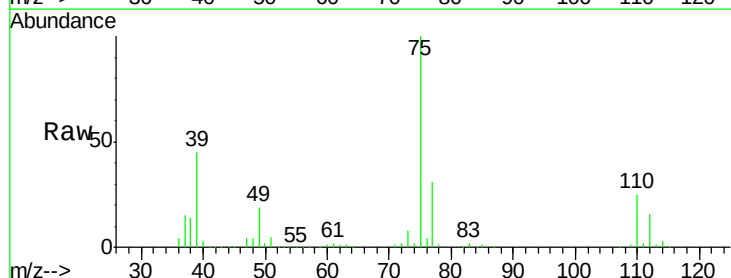
Tgt Ion: 75 Resp: 146389

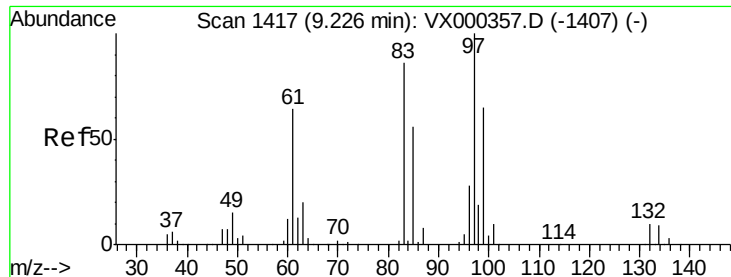
Ion Ratio Lower Upper

75 100

77 31.4 26.1 39.1

39 44.8 39.8 59.6

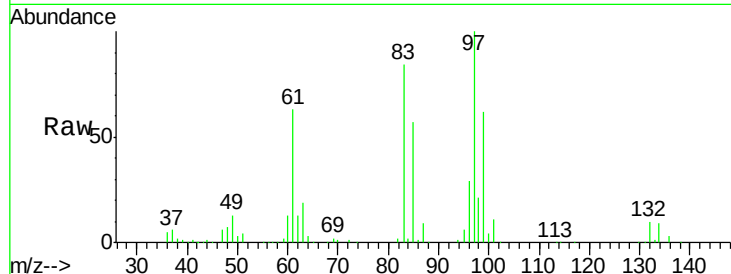




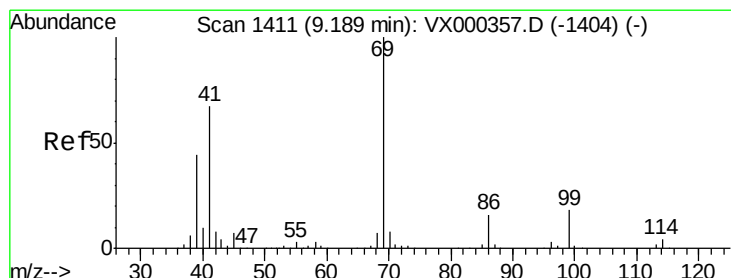
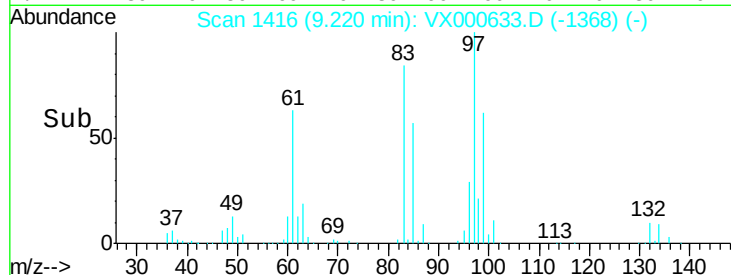
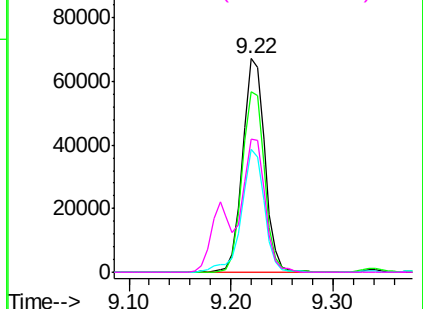
#55
 1,1,2-Trichloroethane
 Concen: 50.61 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: VX000633.D
 Acq: 02 Apr 2018 11:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	97	Resp:	101132
Ion	Ratio	Lower	Upper
97	100		
83	84.5	67.9	101.9
85	57.3	42.8	64.2
99	62.5	49.4	74.2

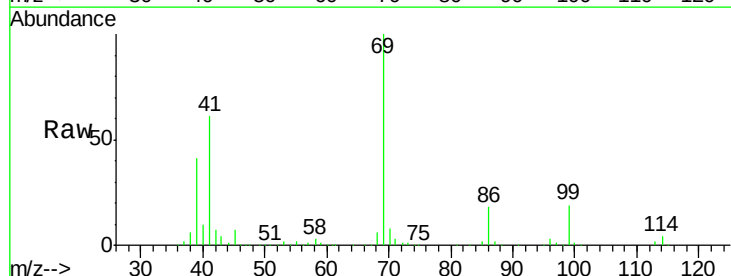


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

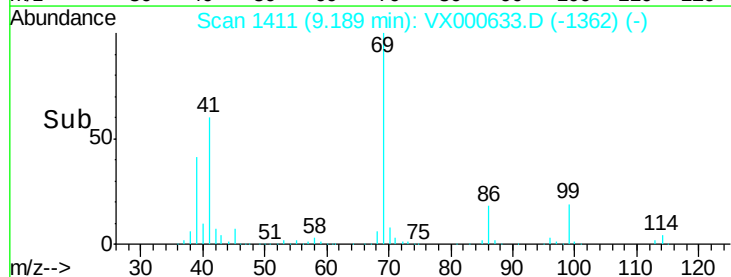
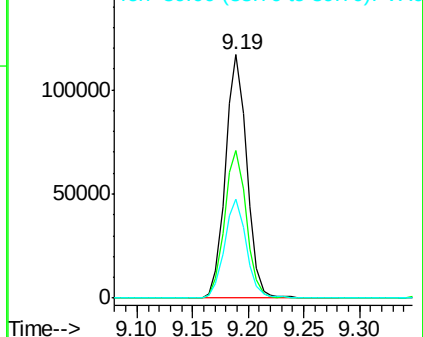


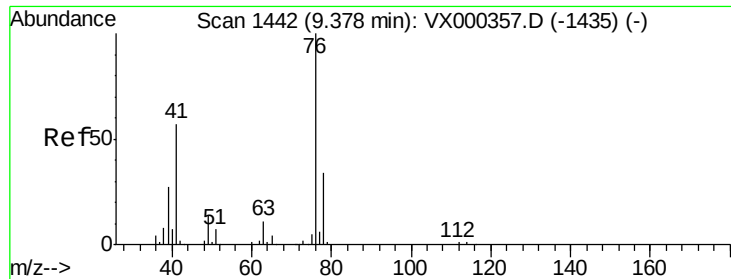
#56
 Ethyl methacrylate
 Concen: 51.46 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000633.D
 Acq: 02 Apr 2018 11:13

Tgt Ion:	69	Resp:	155824
Ion	Ratio	Lower	Upper
69	100		
41	61.9	53.0	79.6
39	41.2	35.3	52.9



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

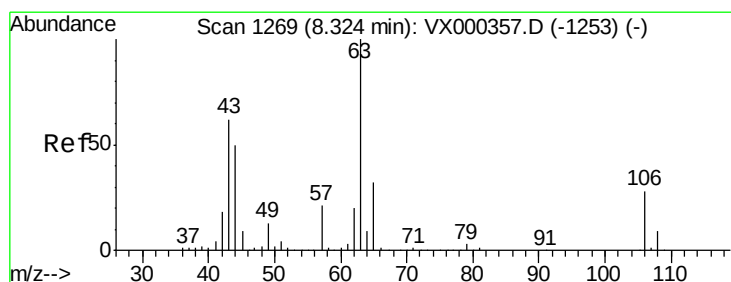
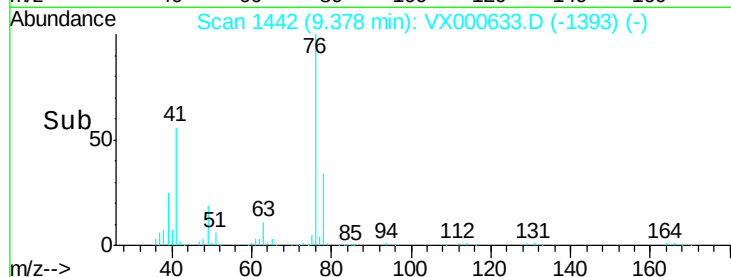
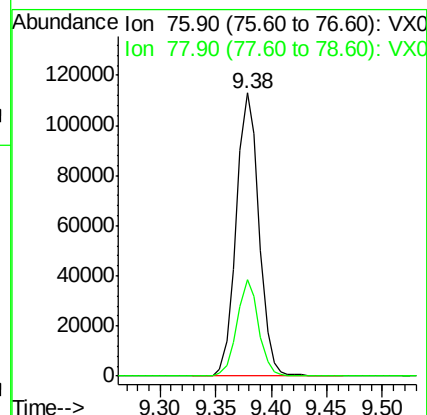
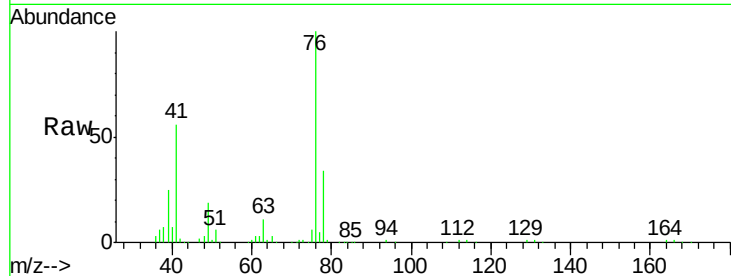




#57
 1,3-Dichloropropane
 Concen: 50.10 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX000633.D
 Acq: 02 Apr 2018 11:13

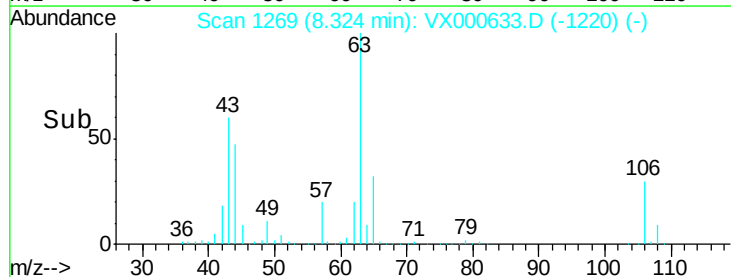
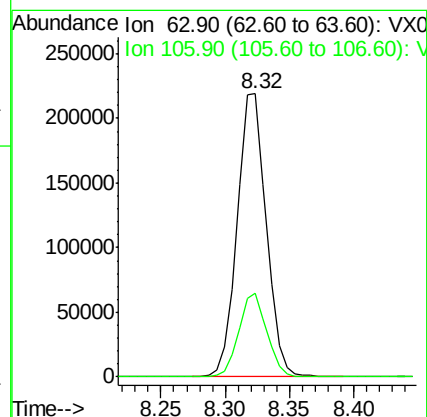
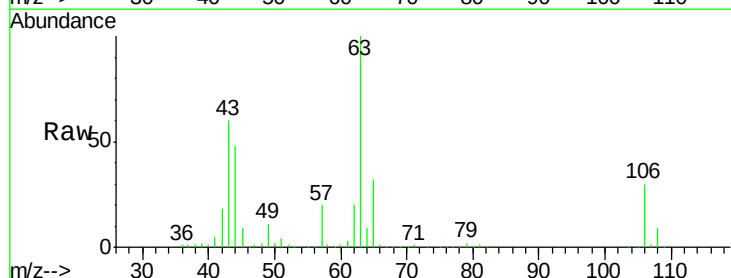
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

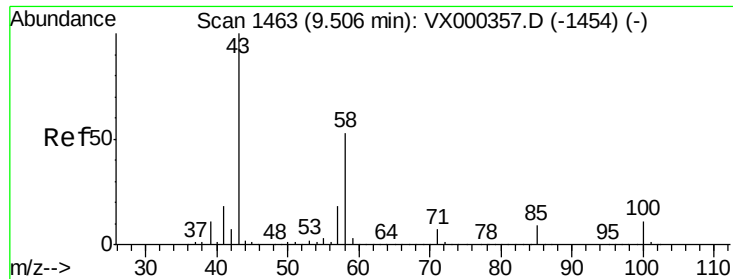
Tgt Ion: 76 Resp: 160125
 Ion Ratio Lower Upper
 76 100
 78 32.4 26.4 39.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 236.92 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX000633.D
 Acq: 02 Apr 2018 11:13

Tgt Ion: 63 Resp: 344321
 Ion Ratio Lower Upper
 63 100
 106 28.6 23.2 34.8

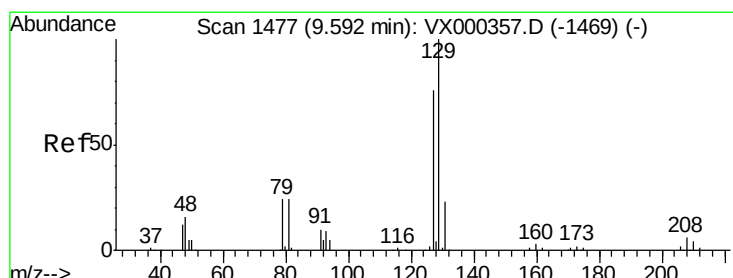
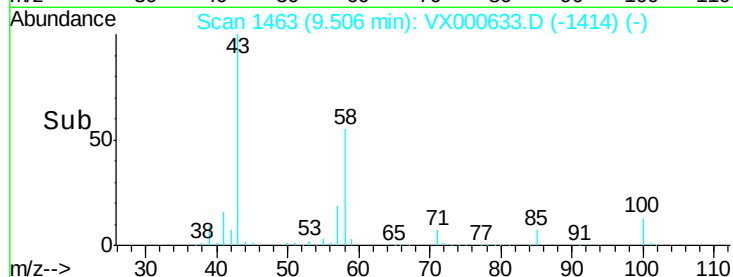
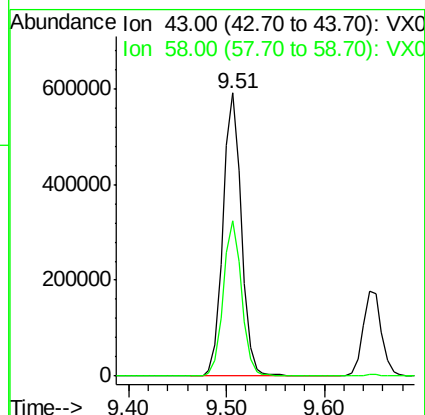
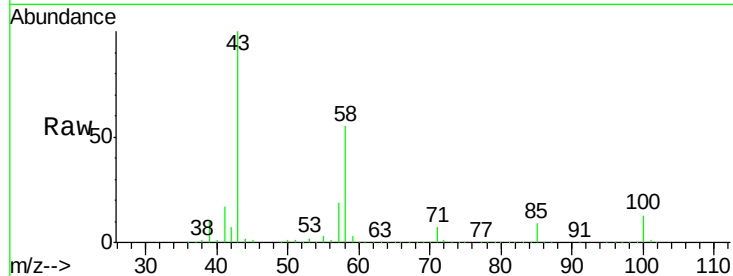




#59
2-Hexanone
Concen: 241.33 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000633.D
Acq: 02 Apr 2018 11:13

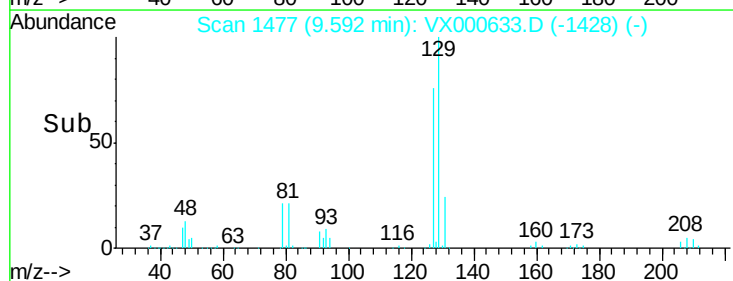
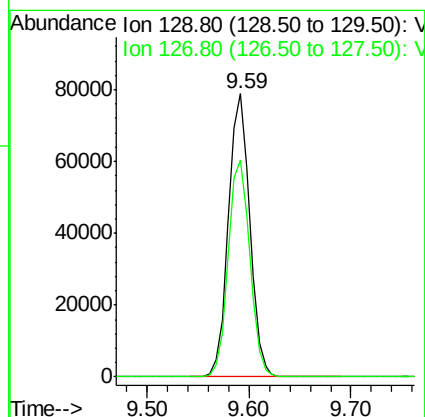
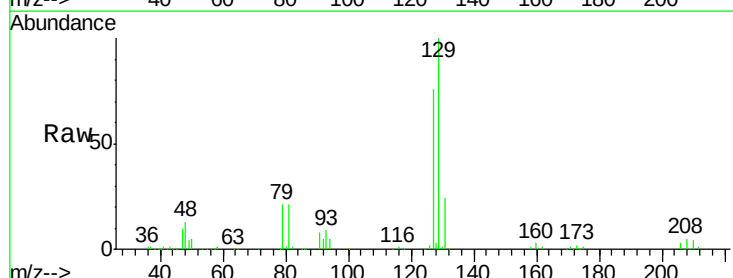
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

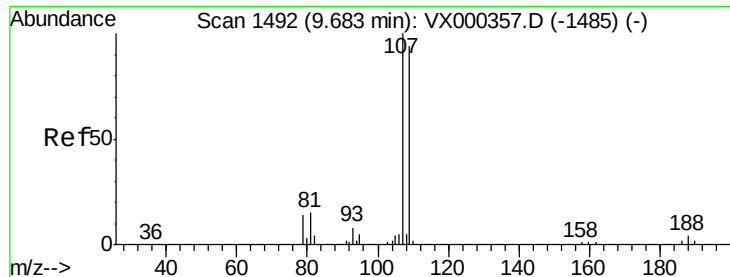
Tgt Ion: 43 Resp: 771931
Ion Ratio Lower Upper
43 100
58 54.8 26.6 79.7



#60
Dibromochloromethane
Concen: 48.34 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000633.D
Acq: 02 Apr 2018 11:13

Tgt Ion: 129 Resp: 113958
Ion Ratio Lower Upper
129 100
127 77.5 37.9 113.6





#61

1,2-Dibromoethane

Concen: 53.63 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000633.D

Acq: 02 Apr 2018 11:13

Instrument :

MSVOA_X

ClientSampleId :

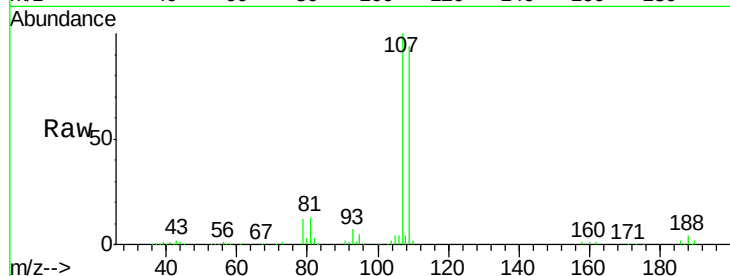
VSTDCCC050

Tgt Ion: 107 Resp: 114923

Ion Ratio Lower Upper

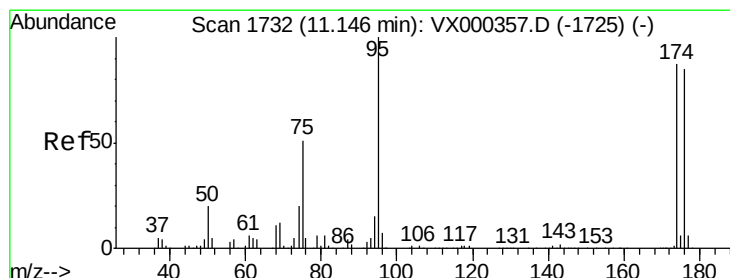
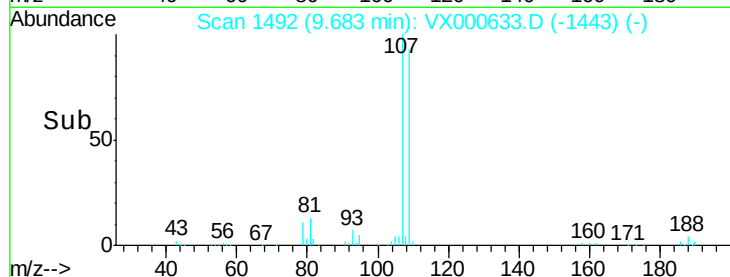
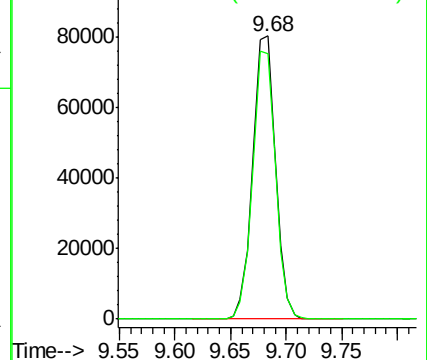
107 100

109 94.9 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 43.02 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000633.D

Acq: 02 Apr 2018 11:13

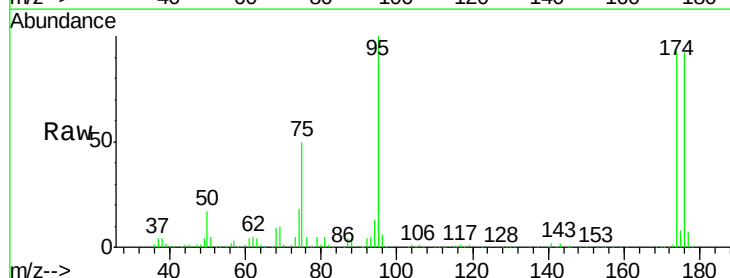
Tgt Ion: 95 Resp: 118452

Ion Ratio Lower Upper

95 100

174 92.0 0.0 173.6

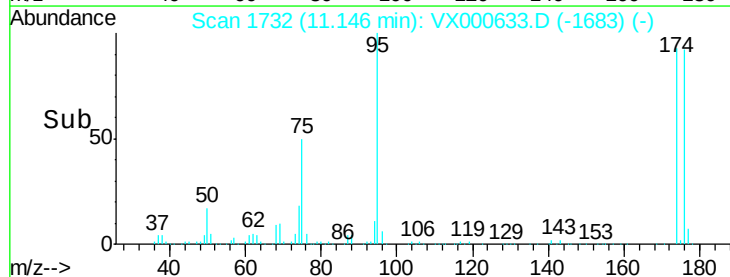
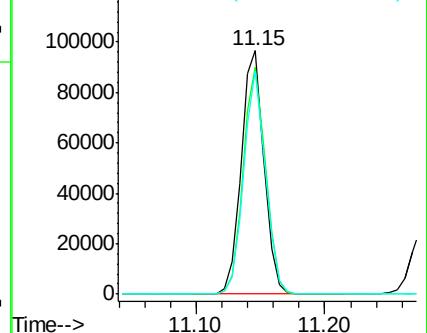
176 87.4 0.0 164.6

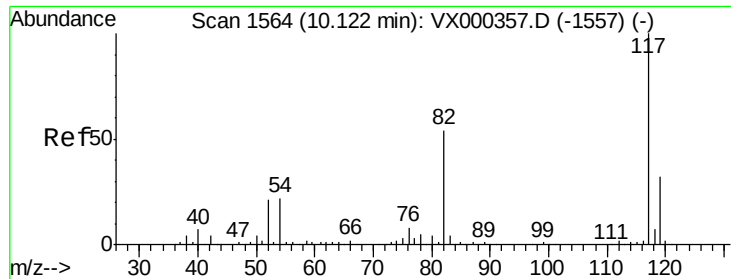


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

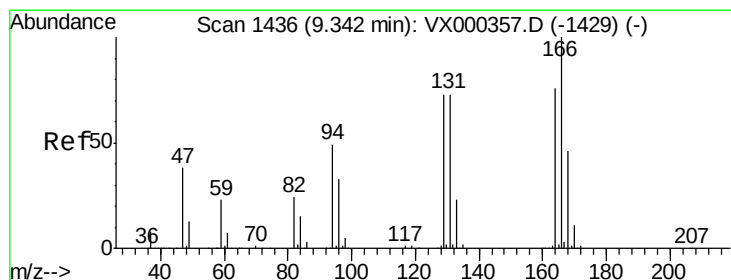
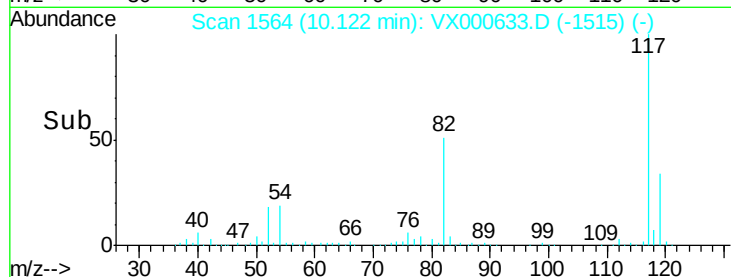
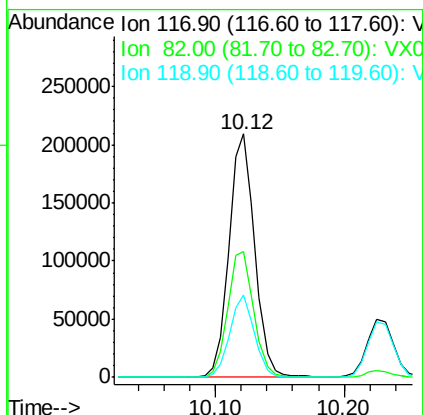
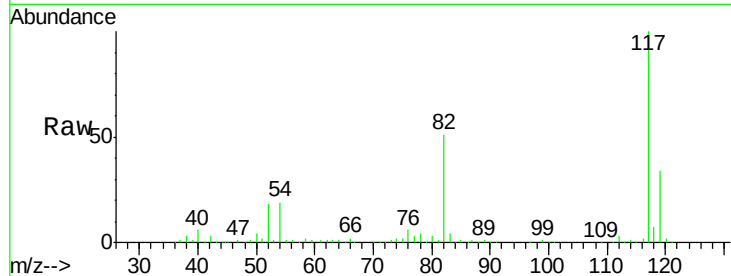




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000633.D
Acq: 02 Apr 2018 11:13

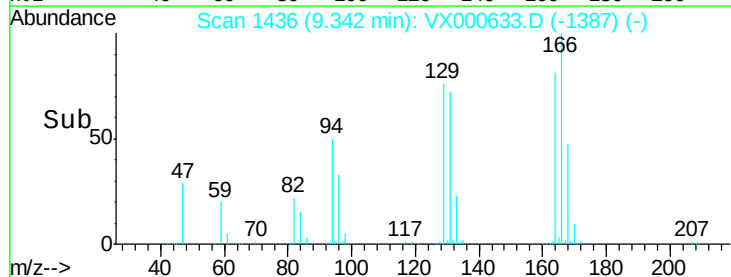
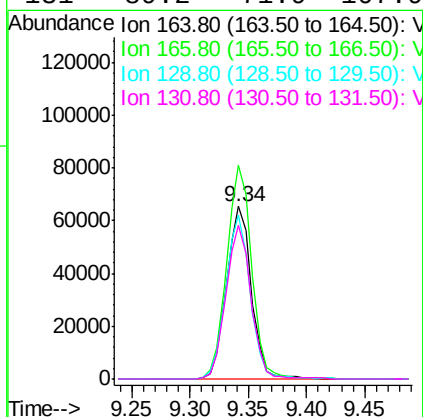
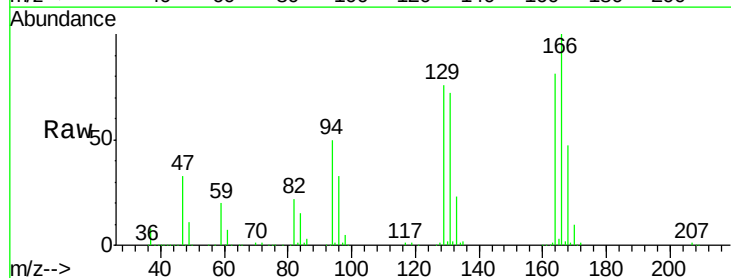
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

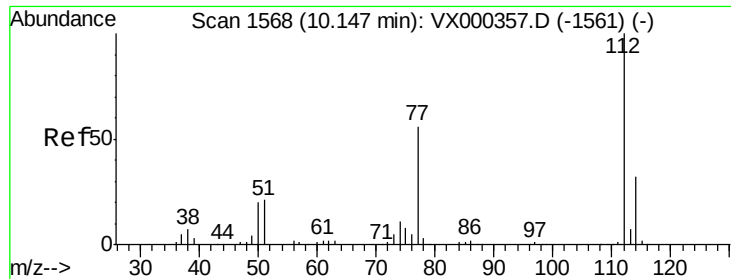
Tgt Ion:117 Resp: 291684
Ion Ratio Lower Upper
117 100
82 51.5 43.8 65.8
119 33.8 24.9 37.3



#64
Tetrachloroethene
Concen: 42.67 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000633.D
Acq: 02 Apr 2018 11:13

Tgt Ion:164 Resp: 96590
Ion Ratio Lower Upper
164 100
166 123.6 101.0 151.6
129 94.5 79.0 118.4
131 89.2 71.9 107.9

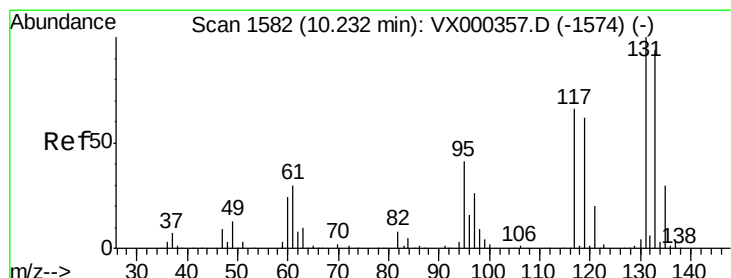
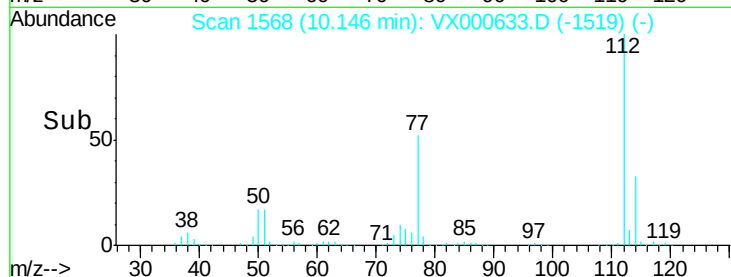
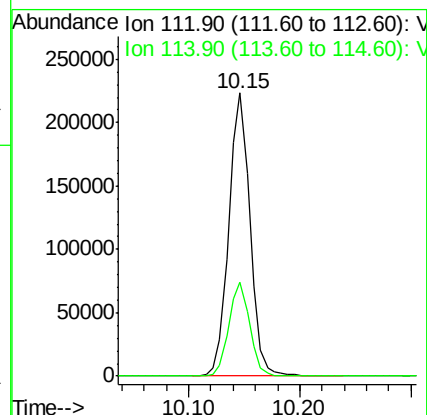
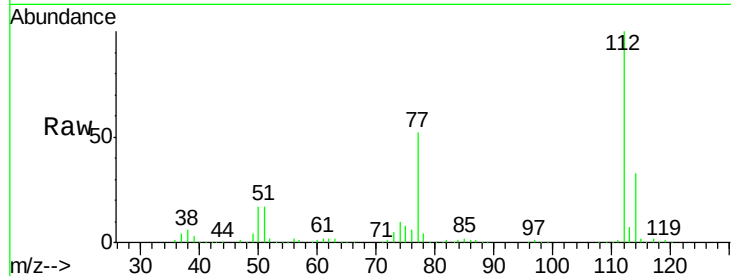




#65
Chlorobenzene
Concen: 45.26 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000633.D
Acq: 02 Apr 2018 11:13

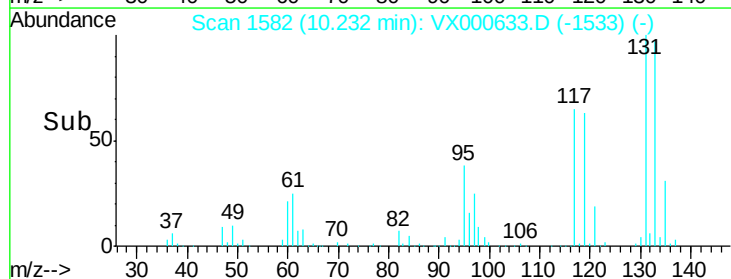
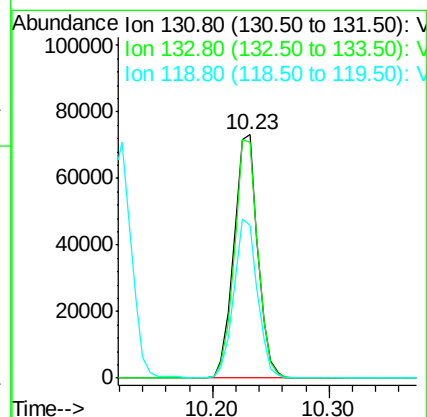
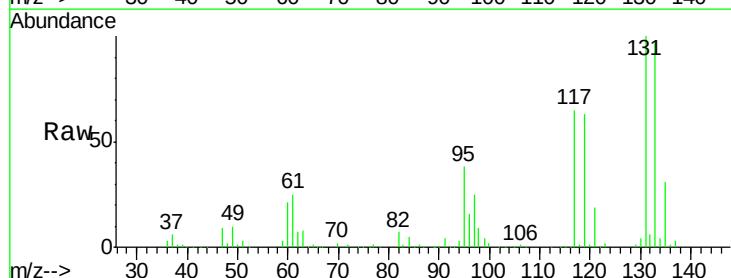
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

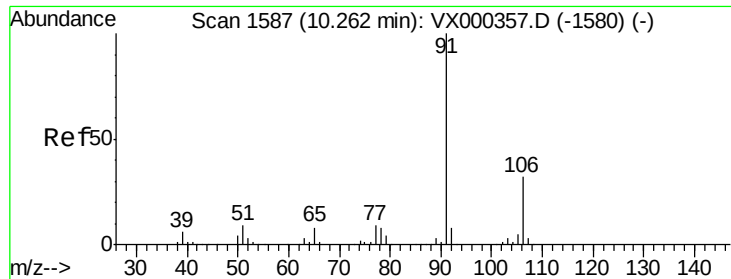
Tgt Ion:112 Resp: 293820
Ion Ratio Lower Upper
112 100
114 33.3 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 47.21 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000633.D
Acq: 02 Apr 2018 11:13

Tgt Ion:131 Resp: 104073
Ion Ratio Lower Upper
131 100
133 96.4 47.1 141.3
119 64.8 33.1 99.2





#67

Ethyl Benzene

Concen: 44.90 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.01 min

Lab File: VX000633.D

Acq: 02 Apr 2018 11:13

Instrument :

MSVOA_X

ClientSampleId :

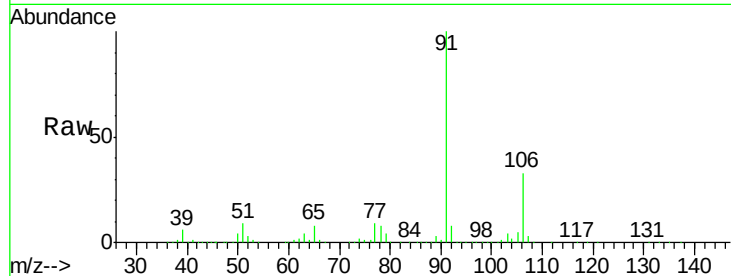
VSTDCCC050

Tgt Ion: 91 Resp: 494024

Ion Ratio Lower Upper

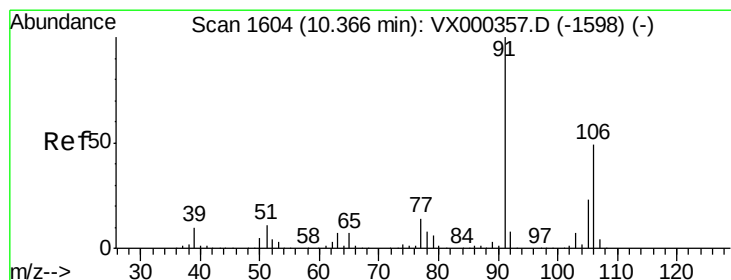
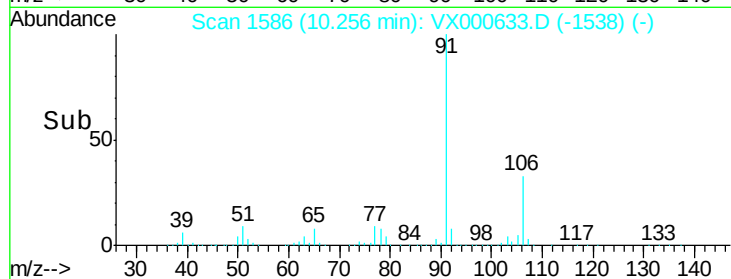
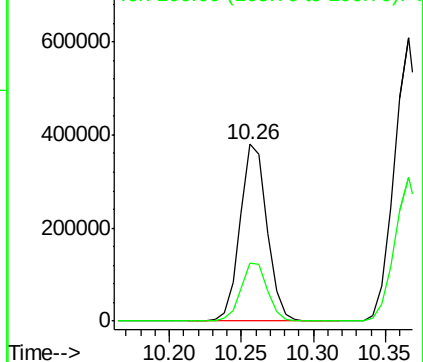
91 100

106 32.7 25.0 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 92.82 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX000633.D

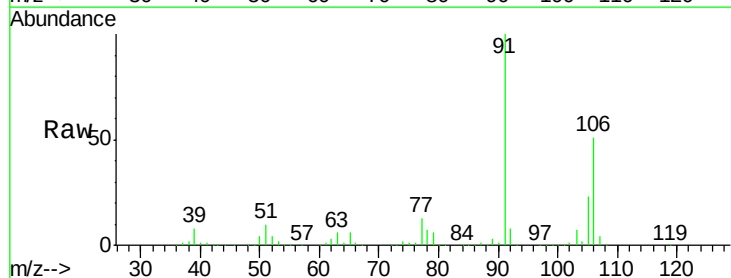
Acq: 02 Apr 2018 11:13

Tgt Ion: 106 Resp: 401916

Ion Ratio Lower Upper

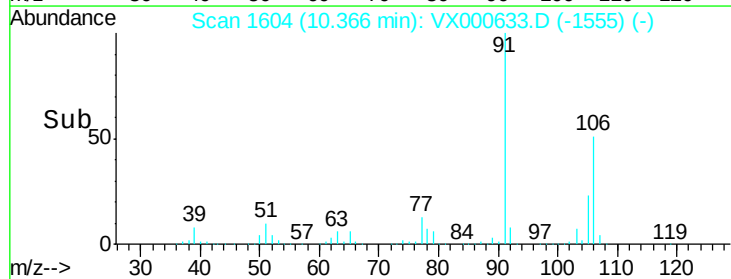
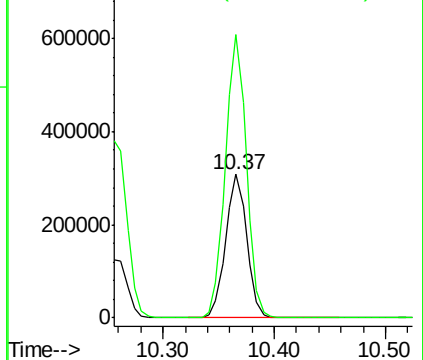
106 100

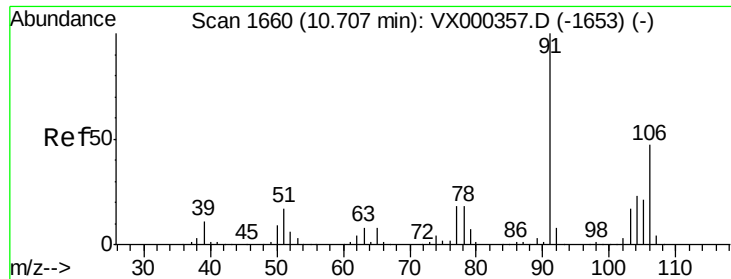
91 197.4 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

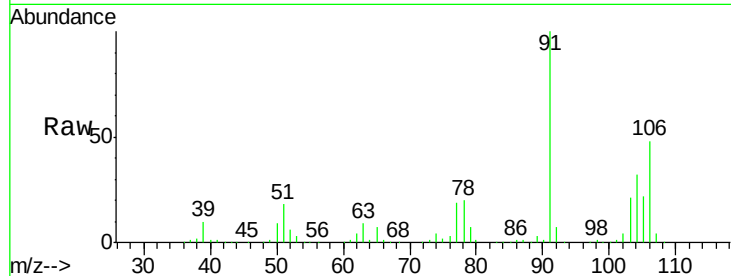




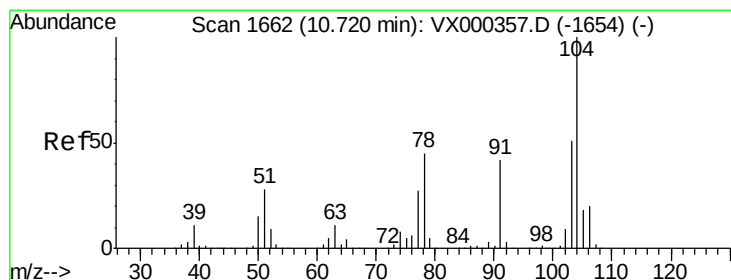
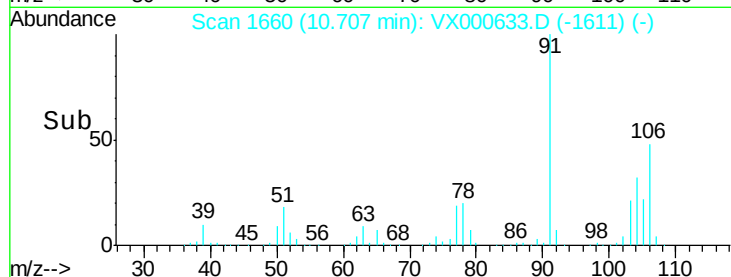
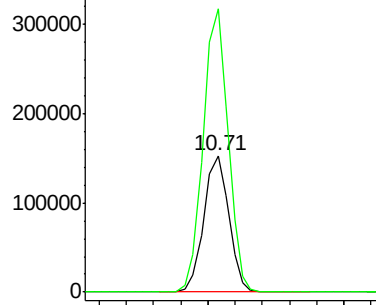
#69
o-Xylene
Concen: 46.79 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000633.D
Acq: 02 Apr 2018 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 196150
Ion Ratio Lower Upper
106 100
91 206.6 106.5 319.6

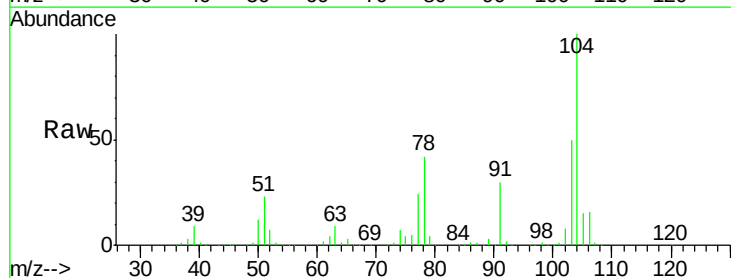


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

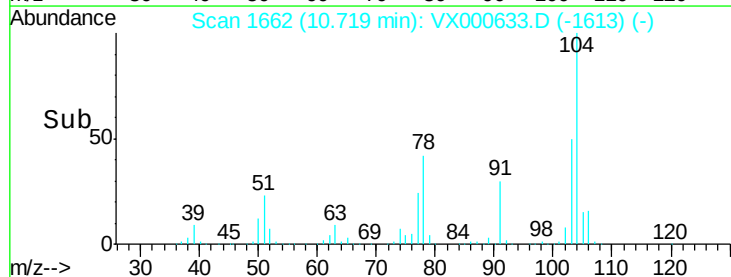
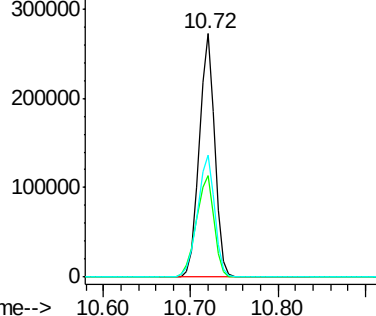


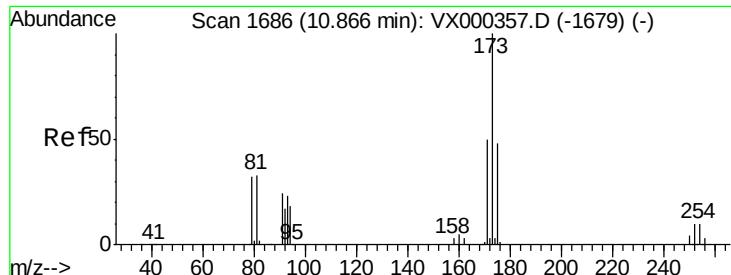
#70
Styrene
Concen: 48.14 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000633.D
Acq: 02 Apr 2018 11:13

Tgt Ion:104 Resp: 333974
Ion Ratio Lower Upper
104 100
78 47.7 40.5 60.7
103 55.2 45.7 68.5



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: 42.14 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000633.D

Acq: 02 Apr 2018 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

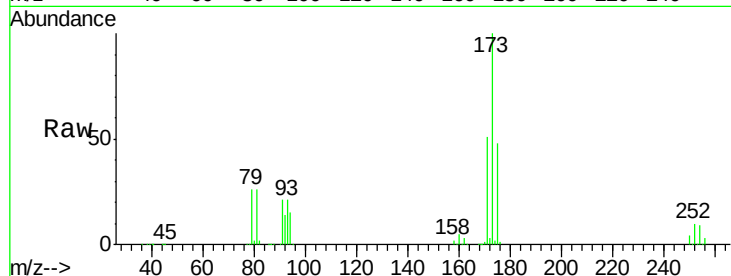
Tgt Ion:173 Resp: 94909

Ion Ratio Lower Upper

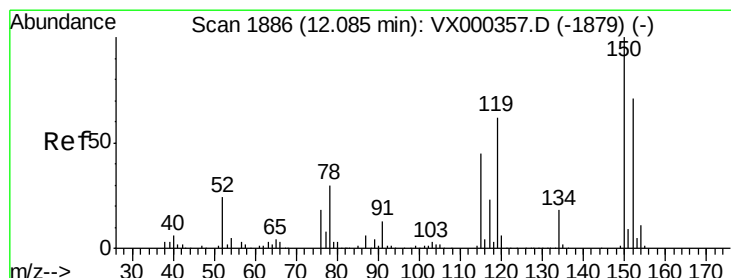
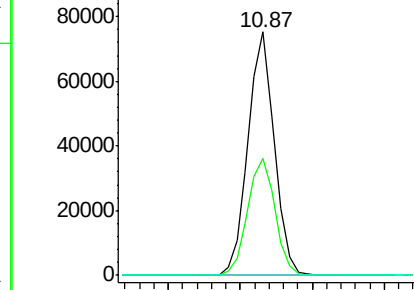
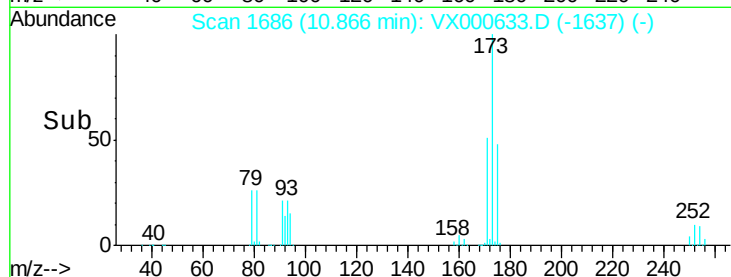
173 100

175 49.8 25.4 76.4

254 0.1 0.0 0.0#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000633.D

Acq: 02 Apr 2018 11:13

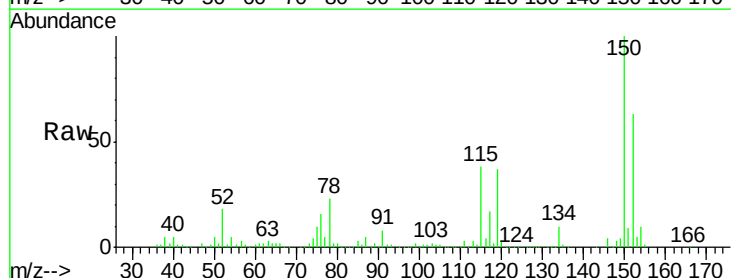
Tgt Ion:152 Resp: 188128

Ion Ratio Lower Upper

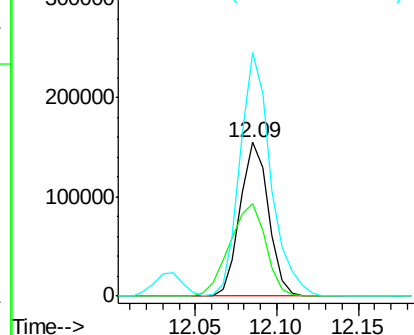
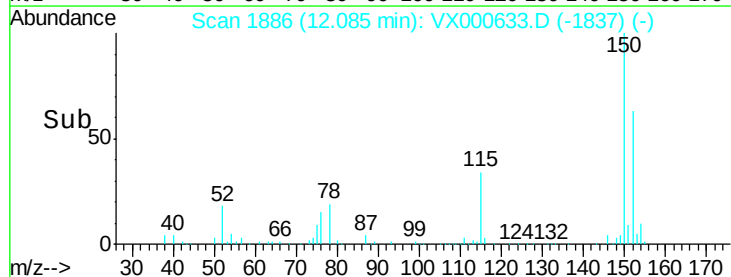
152 100

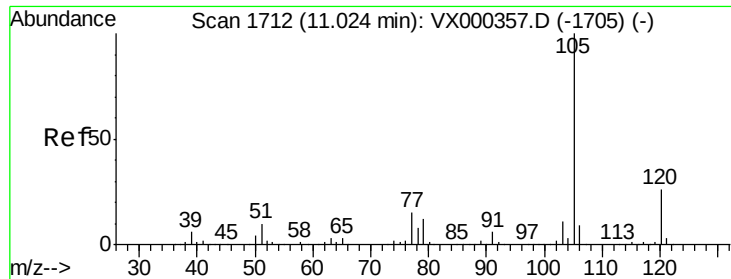
115 76.5 39.8 119.3

150 172.1 0.0 344.4



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





#73

Isopropylbenzene

Concen: 43.25 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000633.D

Acq: 02 Apr 2018 11:13

Instrument :

MSVOA_X

ClientSampleId :

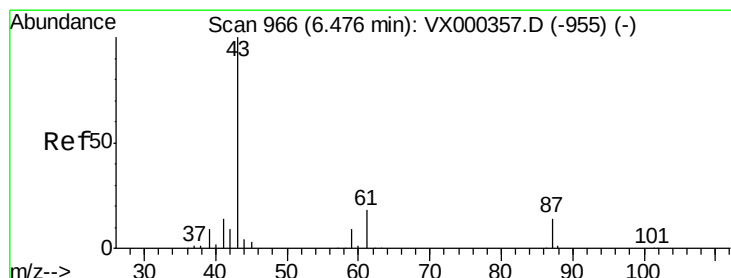
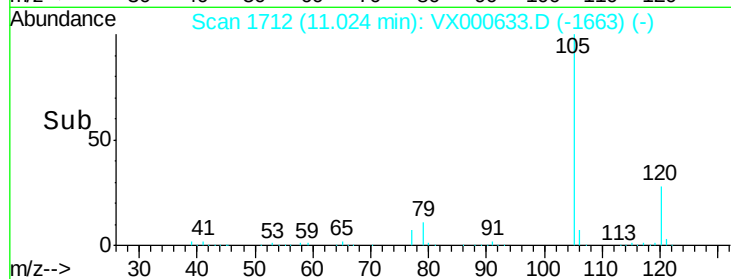
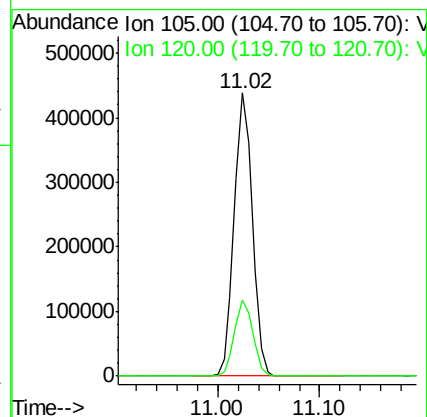
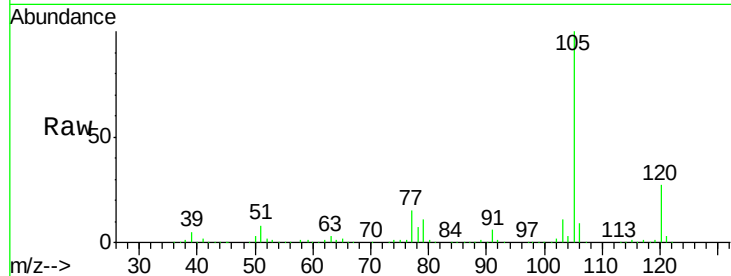
VSTDCCC050

Tgt Ion: 105 Resp: 539135

Ion Ratio Lower Upper

105 100

120 27.1 13.6 40.7



#74

N-ethyl acetate

Concen: 41.27 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX000633.D

Acq: 02 Apr 2018 11:13

Tgt Ion: 43 Resp: 227371

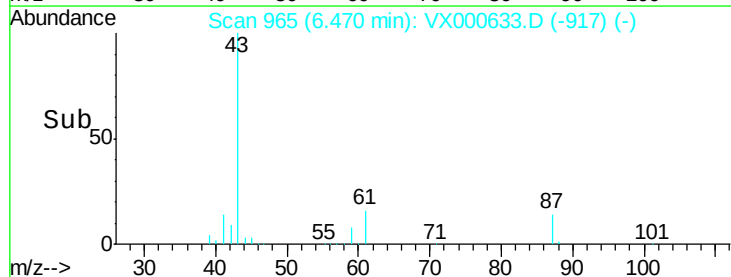
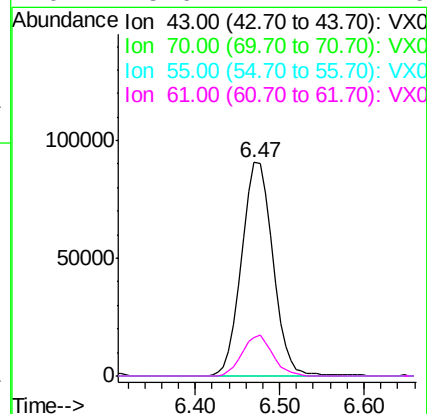
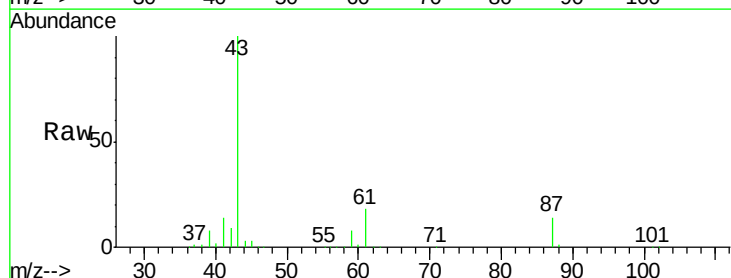
Ion Ratio Lower Upper

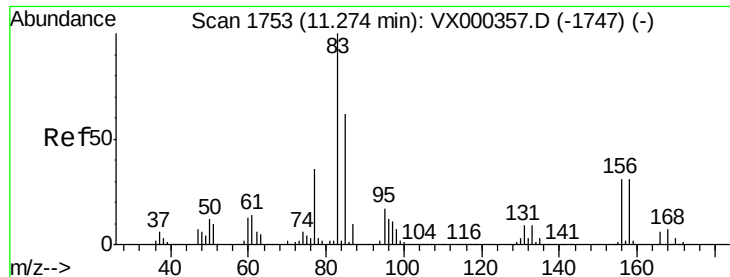
43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.6 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 42.95 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000633.D

Acq: 02 Apr 2018 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

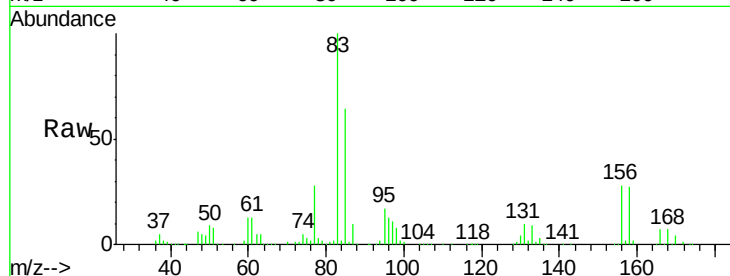
Tgt Ion: 83 Resp: 189376

Ion Ratio Lower Upper

83 100

131 10.8 5.0 14.9

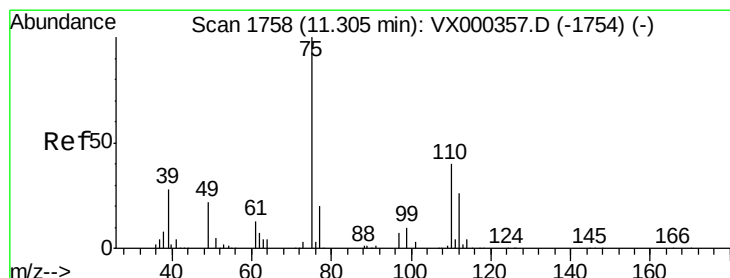
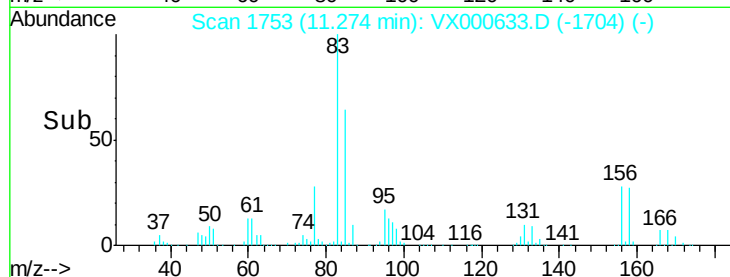
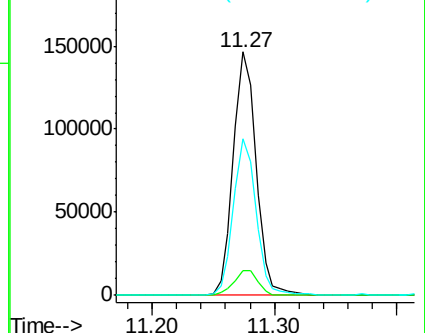
85 64.0 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 54.70 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000633.D

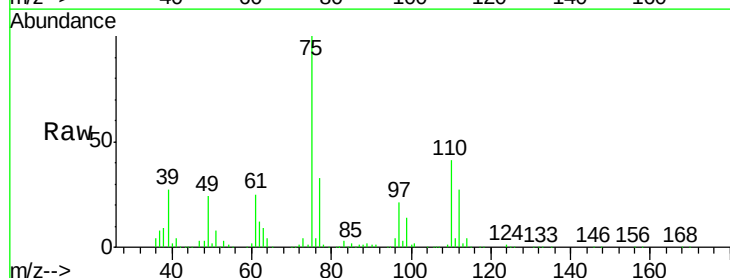
Acq: 02 Apr 2018 11:13

Tgt Ion: 75 Resp: 221173

Ion Ratio Lower Upper

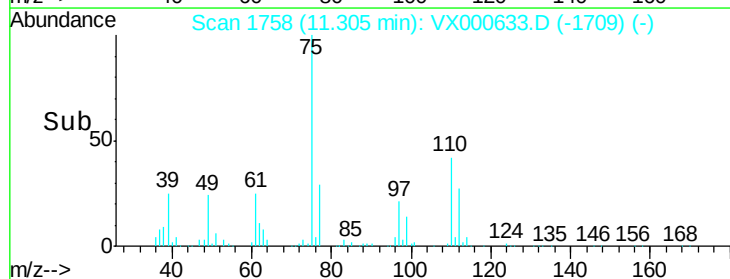
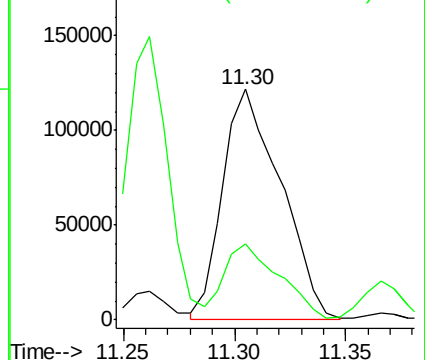
75 100

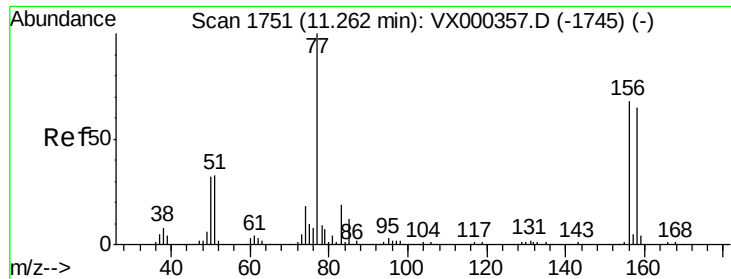
77 31.4 21.4 64.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 43.24 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000633.D

Acq: 02 Apr 2018 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

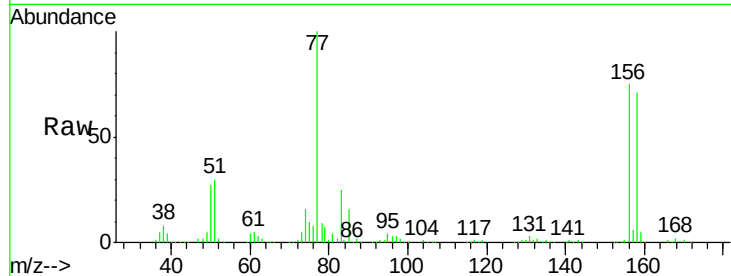
Tgt Ion:156 Resp: 143576

Ion Ratio Lower Upper

156 100

77 137.2 73.4 220.2

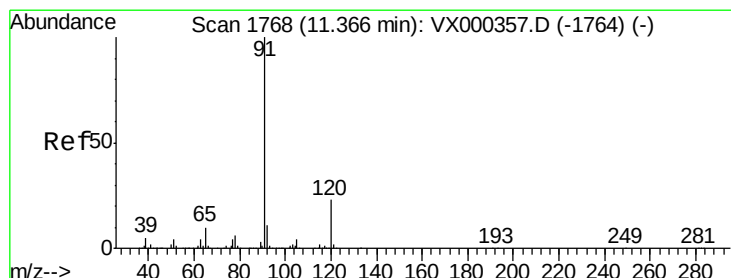
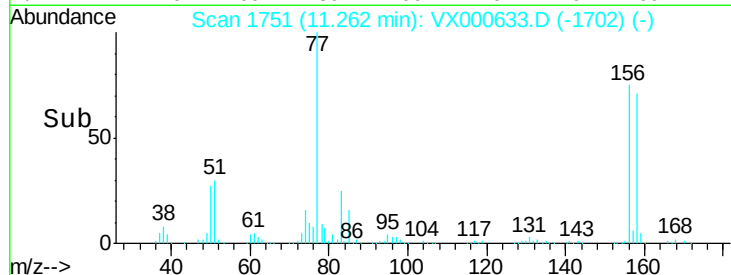
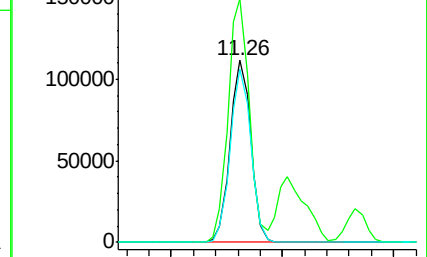
158 95.3 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 42.52 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000633.D

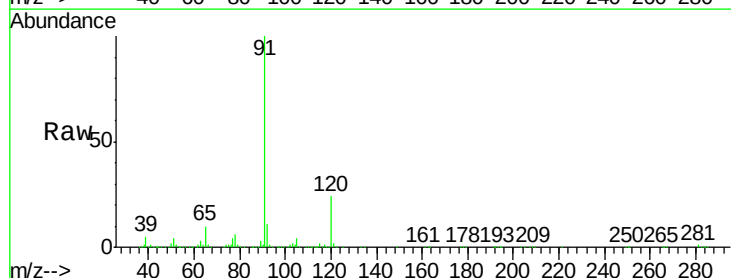
Acq: 02 Apr 2018 11:13

Tgt Ion: 91 Resp: 632019

Ion Ratio Lower Upper

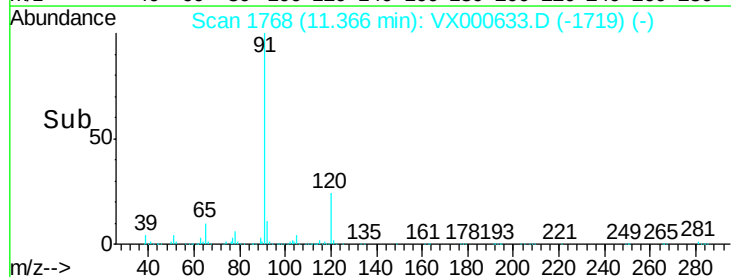
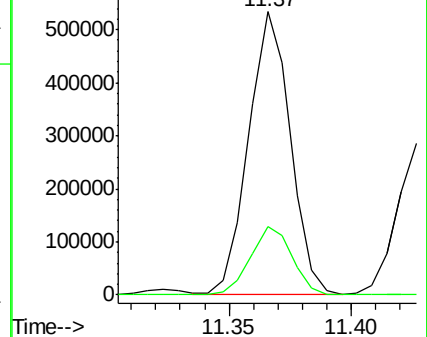
91 100

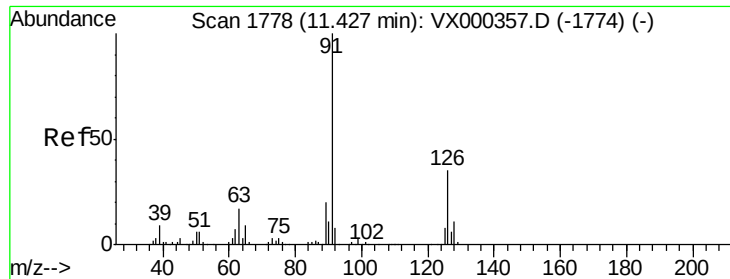
120 24.4 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 41.44 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000633.D

Acq: 02 Apr 2018 11:13

Instrument :

MSVOA_X

ClientSampleId :

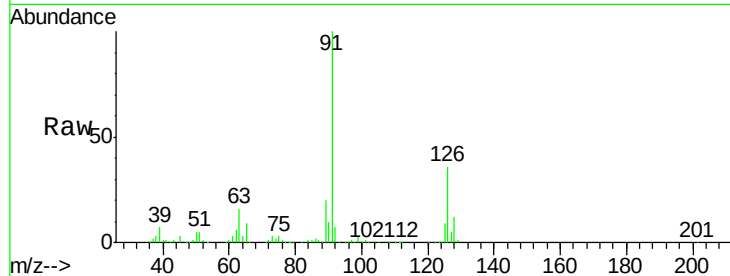
VSTDCCC050

Tgt Ion: 91 Resp: 355823

Ion Ratio Lower Upper

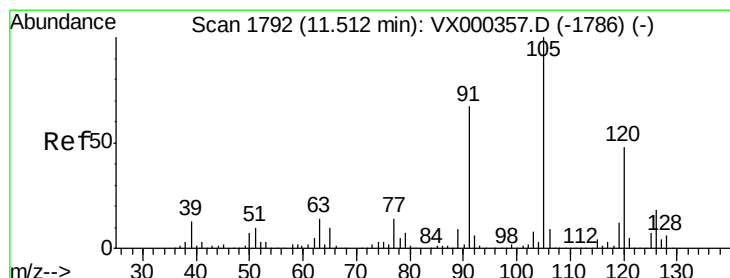
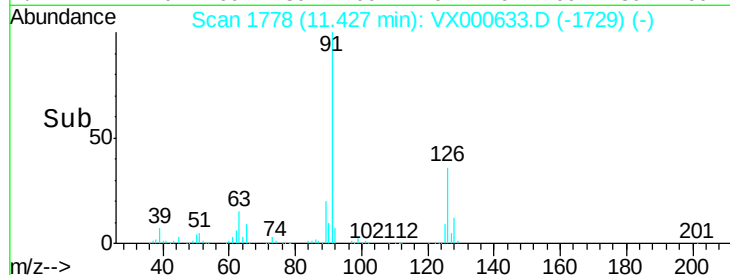
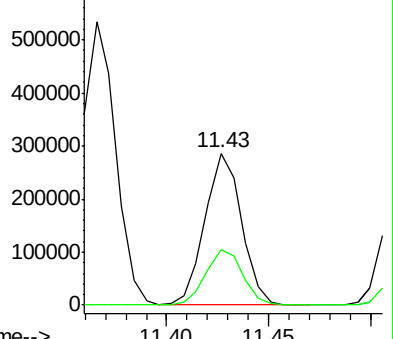
91 100

126 37.1 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX000633.D (-1774) (-)

Ion 125.90 (125.60 to 126.60): VX000633.D (-1774) (-)



#80

1,3,5-Trimethylbenzene

Concen: 44.43 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000633.D

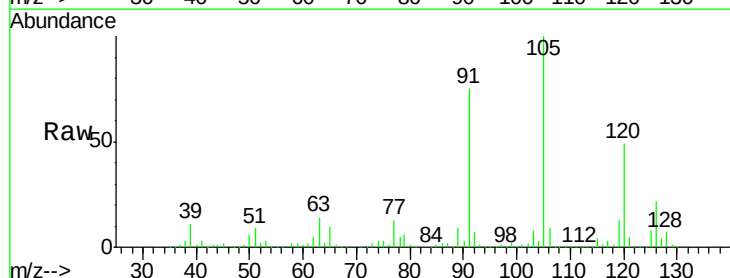
Acq: 02 Apr 2018 11:13

Tgt Ion: 105 Resp: 465631

Ion Ratio Lower Upper

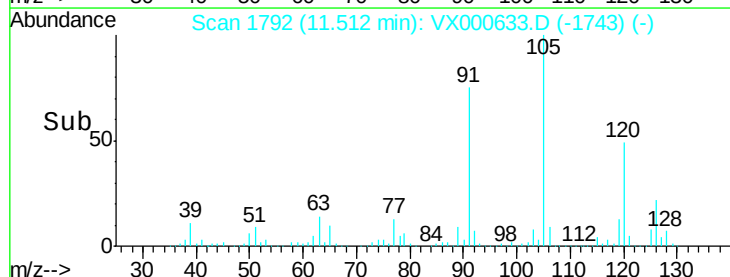
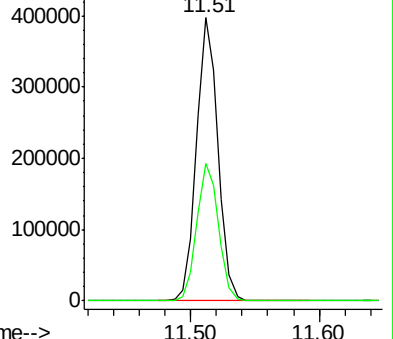
105 100

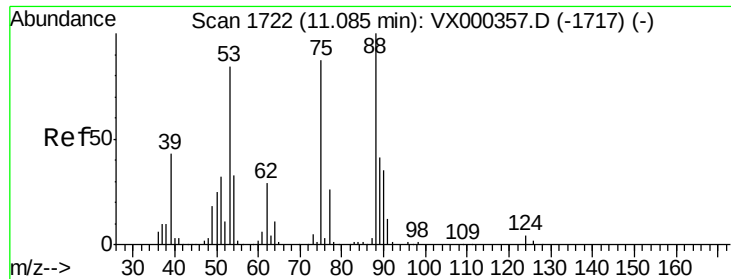
120 49.2 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VX000633.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX000633.D (-1786) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 44.23 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.01 min

Lab File: VX000633.D

Acq: 02 Apr 2018 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

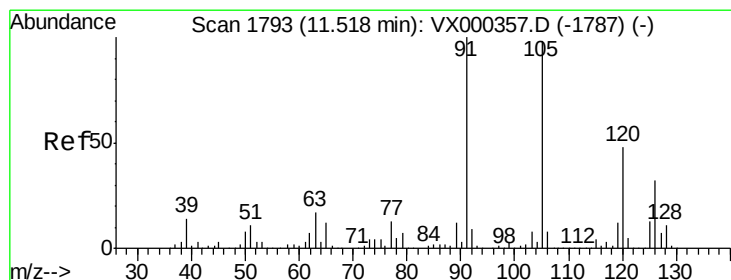
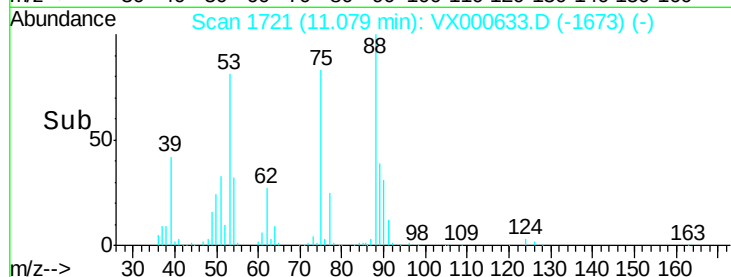
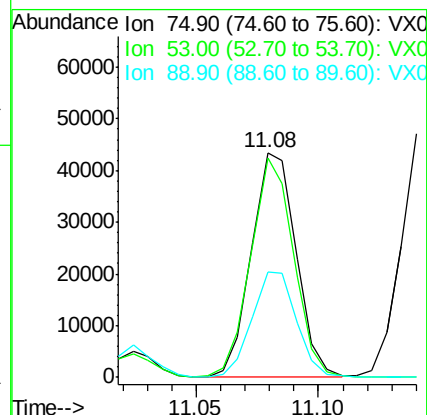
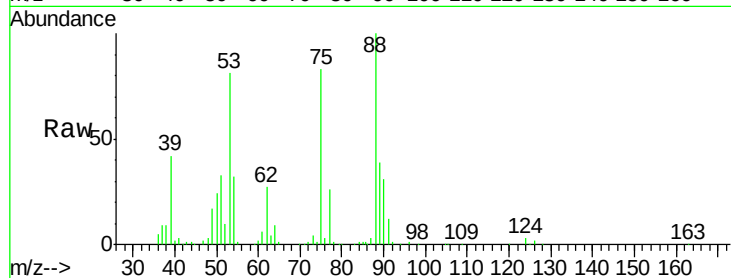
Tgt Ion: 75 Resp: 55238

Ion Ratio Lower Upper

75 100

53 94.6 80.7 121.1

89 47.0 39.4 59.0



#82

4-Chlorotoluene

Concen: 42.83 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000633.D

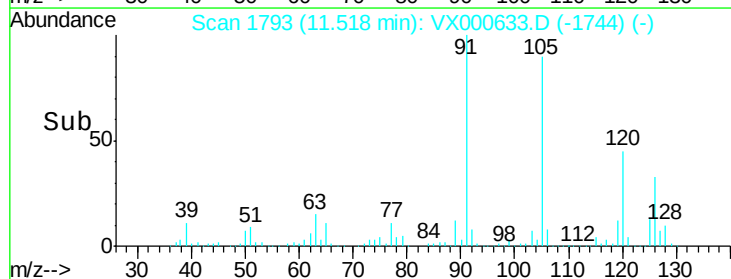
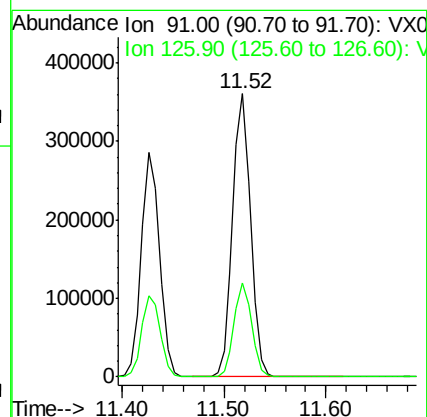
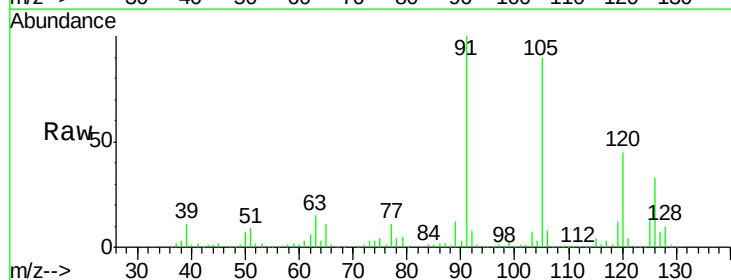
Acq: 02 Apr 2018 11:13

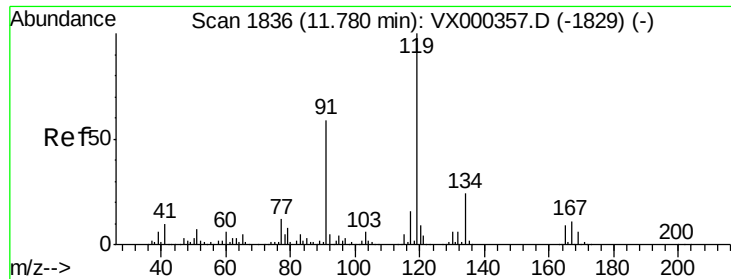
Tgt Ion: 91 Resp: 439043

Ion Ratio Lower Upper

91 100

126 32.6 15.4 46.1

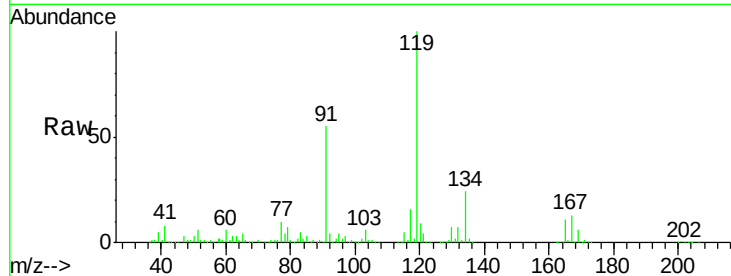




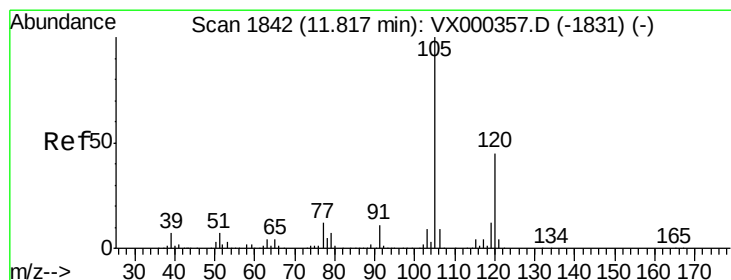
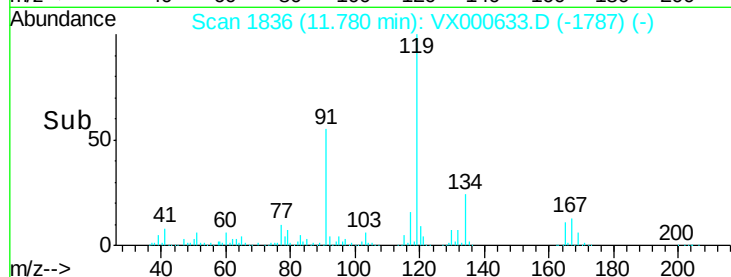
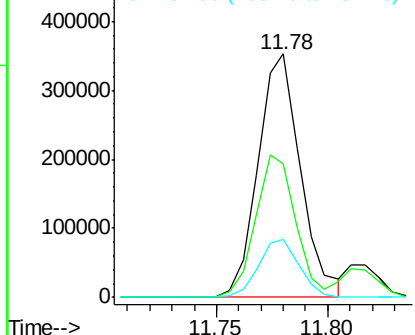
#83
 tert-Butylbenzene
 Concen: 44.45 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000633.D
 Acq: 02 Apr 2018 11:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:119 Resp: 469864
 Ion Ratio Lower Upper
 119 100
 91 55.1 28.8 86.4
 134 22.7 11.4 34.1

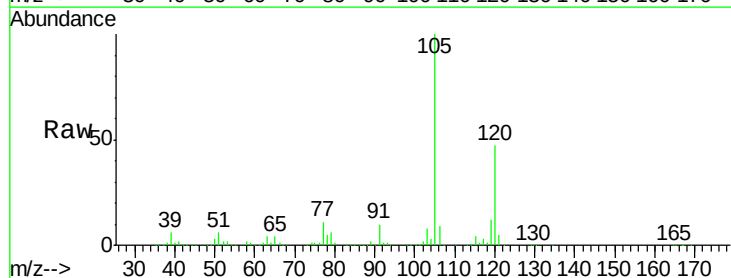


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX
 Ion 134.00 (133.70 to 134.70): V

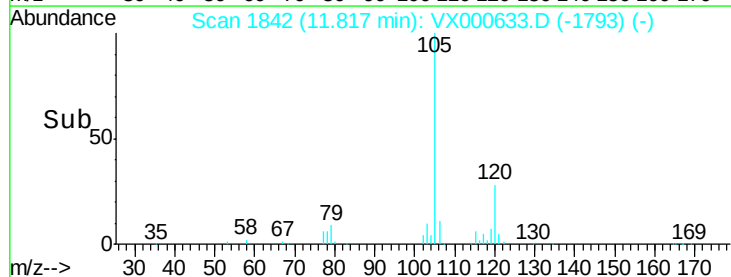
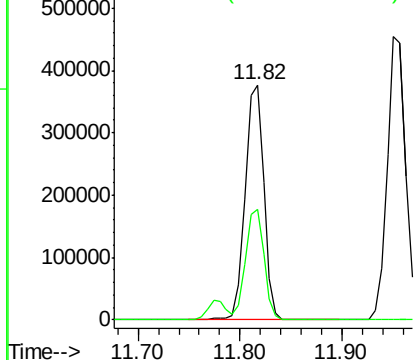


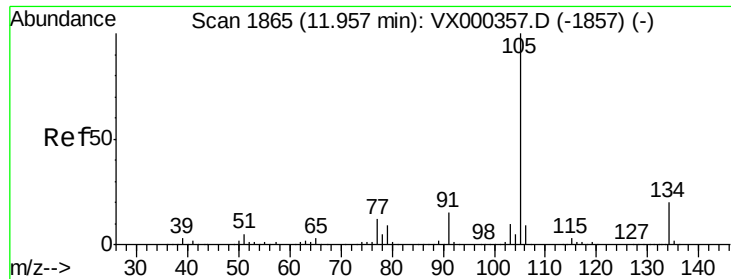
#84
 1,2,4-Trimethylbenzene
 Concen: 43.53 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000633.D
 Acq: 02 Apr 2018 11:13

Tgt Ion:105 Resp: 478290
 Ion Ratio Lower Upper
 105 100
 120 46.4 22.4 67.3



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

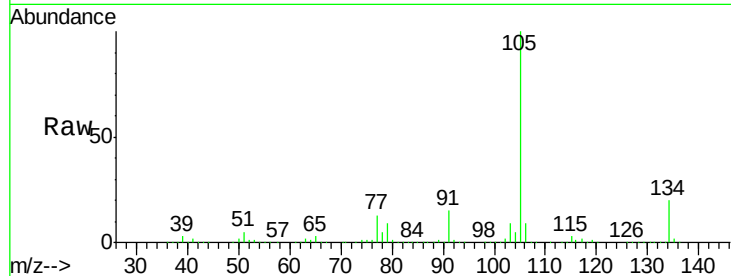




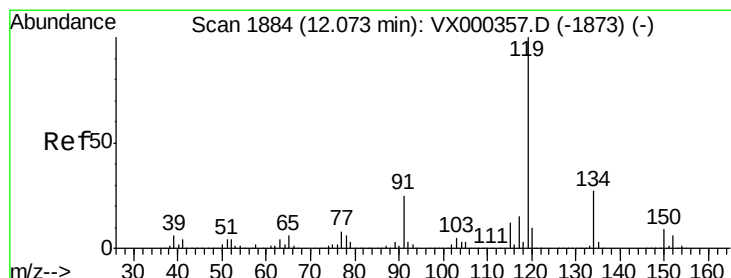
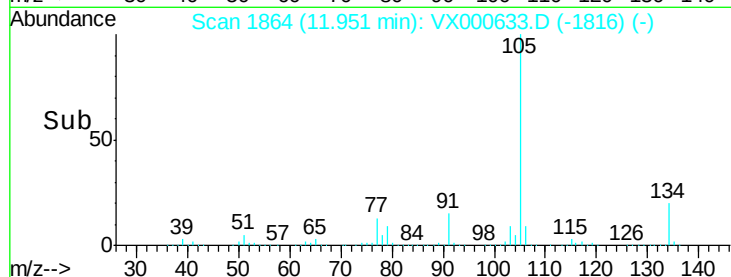
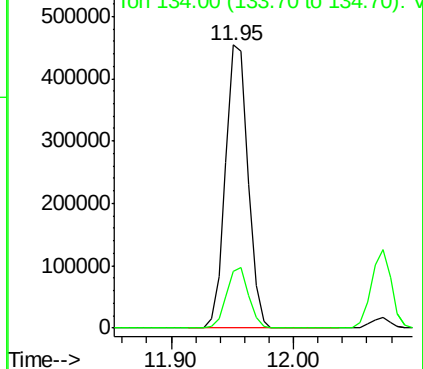
#85
 sec-Butylbenzene
 Concen: 44.11 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.01 min
 Lab File: VX000633.D
 Acq: 02 Apr 2018 11:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 576912
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.3 30.8

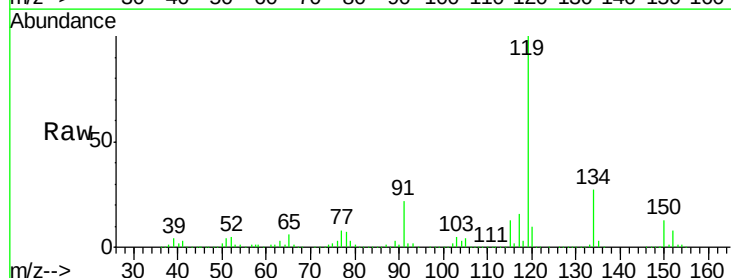


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V

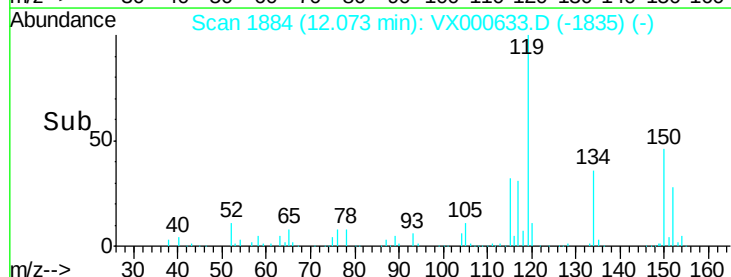
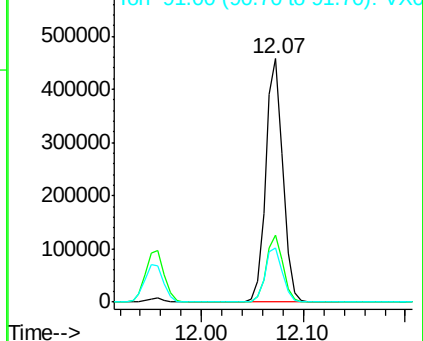


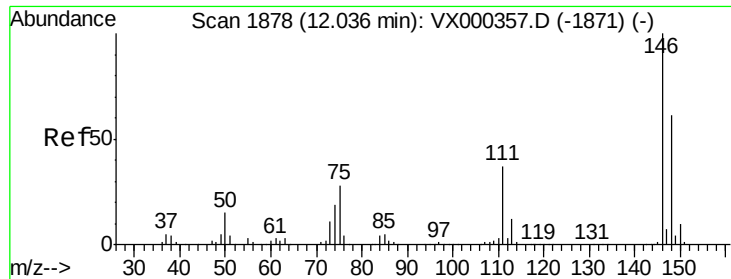
#86
 p-Isopropyltoluene
 Concen: 45.84 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX000633.D
 Acq: 02 Apr 2018 11:13

Tgt Ion:119 Resp: 532475
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.3 39.9
 91 23.0 12.0 36.1



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

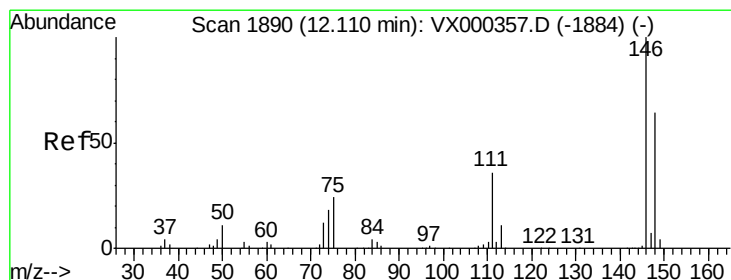
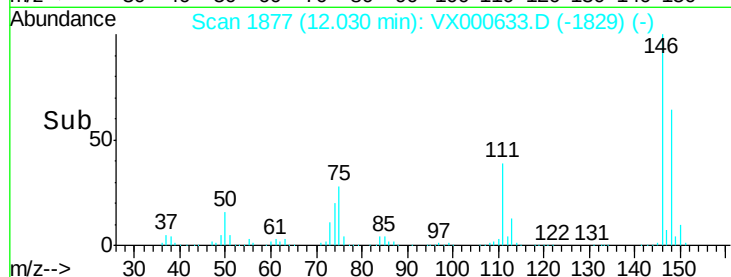
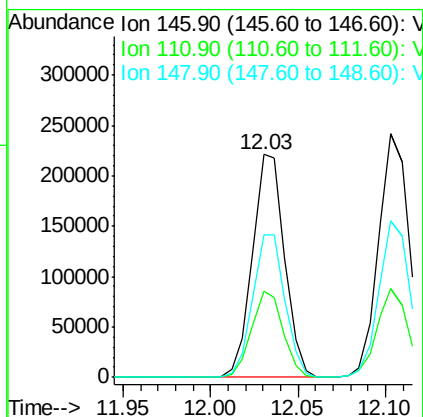
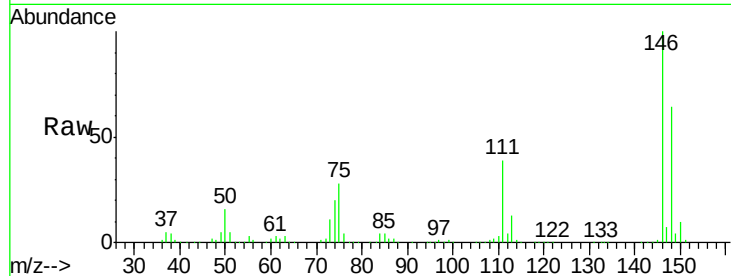




#87
 1,3-Dichlorobenzene
 Concen: 45.11 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.01 min
 Lab File: VX000633.D
 Acq: 02 Apr 2018 11:13

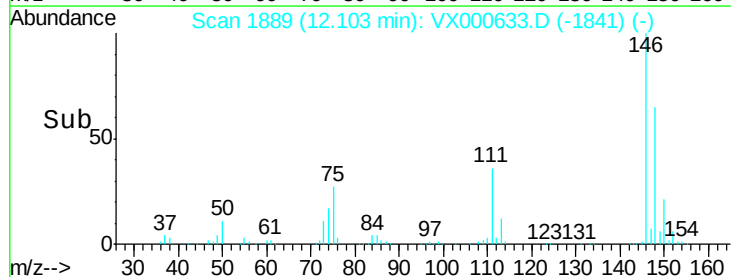
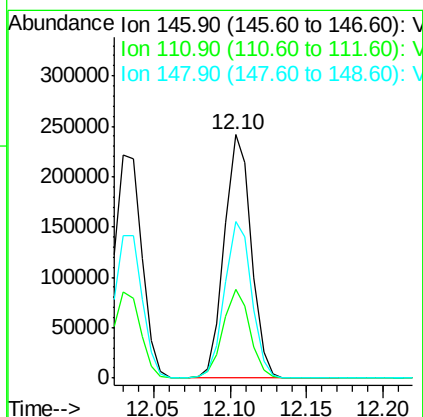
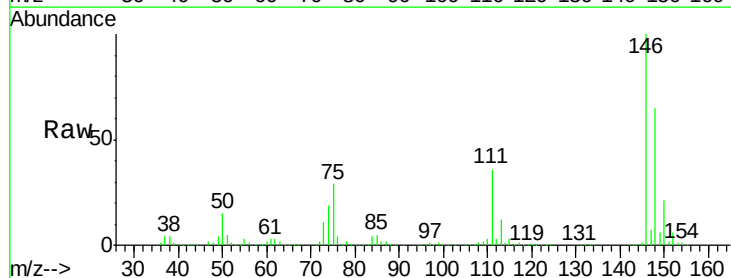
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

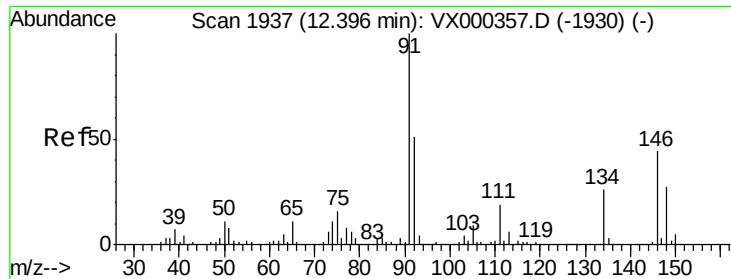
Tgt Ion:146 Resp: 283218
 Ion Ratio Lower Upper
 146 100
 111 37.8 19.5 58.5
 148 64.5 32.4 97.0



#88
 1,4-Dichlorobenzene
 Concen: 44.71 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000633.D
 Acq: 02 Apr 2018 11:13

Tgt Ion:146 Resp: 294684
 Ion Ratio Lower Upper
 146 100
 111 36.6 18.9 56.9
 148 64.7 31.0 93.0





#89

n-Butylbenzene

Concen: 44.84 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000633.D

Acq: 02 Apr 2018 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

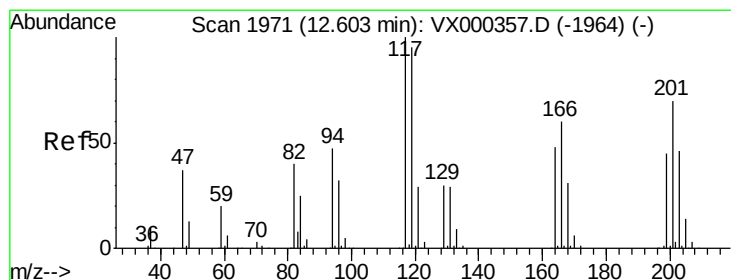
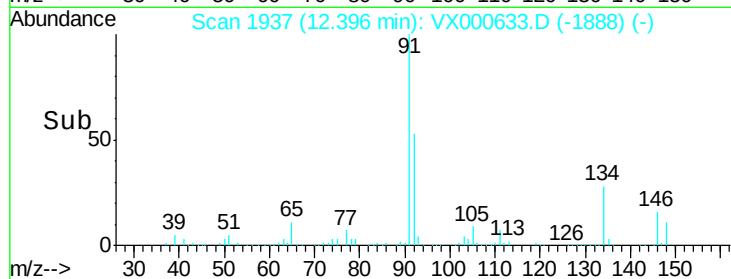
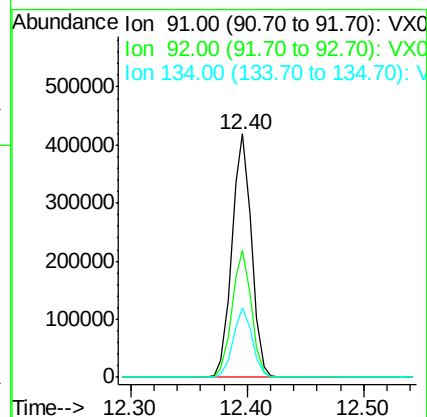
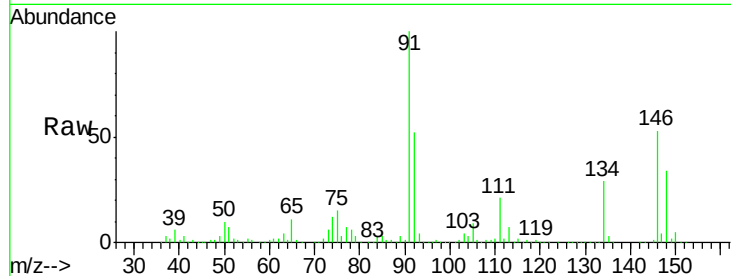
Tgt Ion: 91 Resp: 484970

Ion Ratio Lower Upper

91 100

92 51.8 25.9 77.8

134 27.9 13.1 39.3



#90

Hexachloroethane

Concen: 45.87 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX000633.D

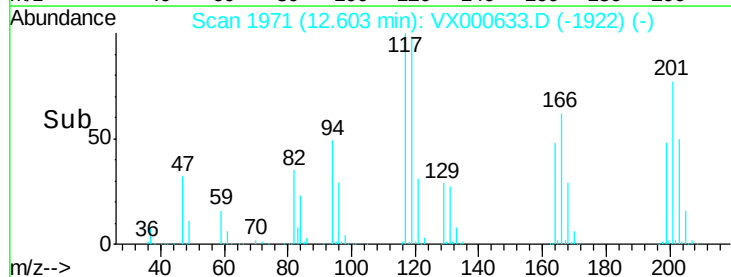
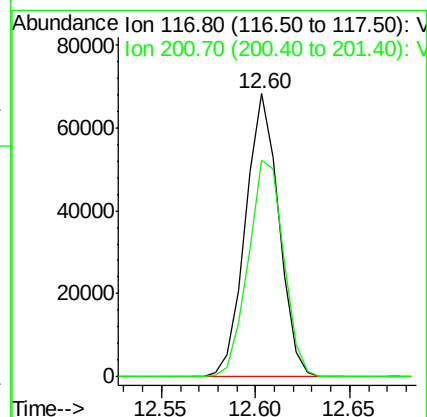
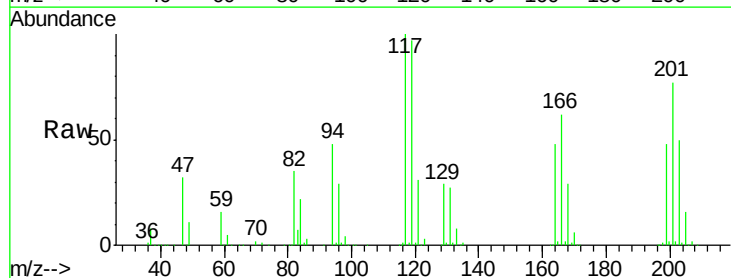
Acq: 02 Apr 2018 11:13

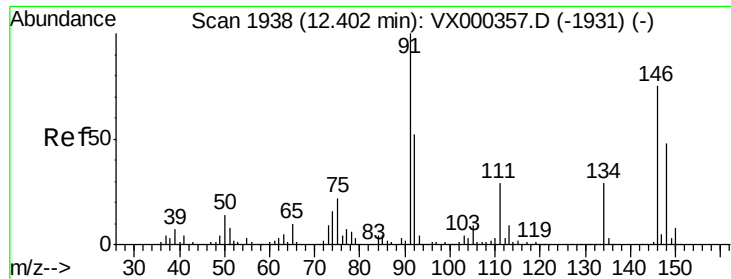
Tgt Ion: 117 Resp: 83869

Ion Ratio Lower Upper

117 100

201 80.8 37.9 113.6

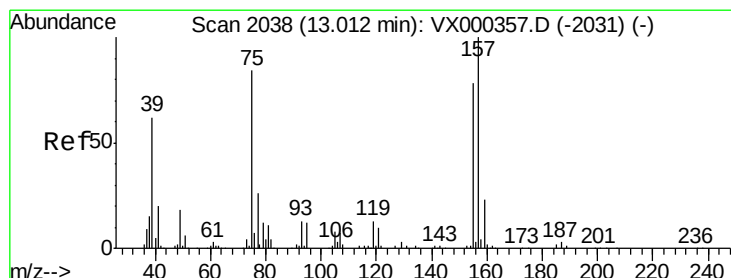
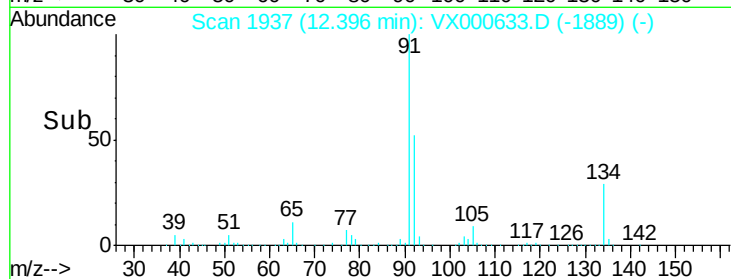
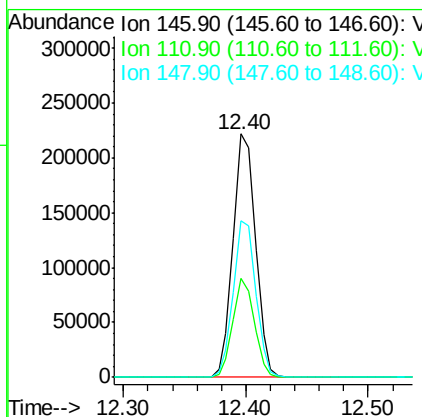
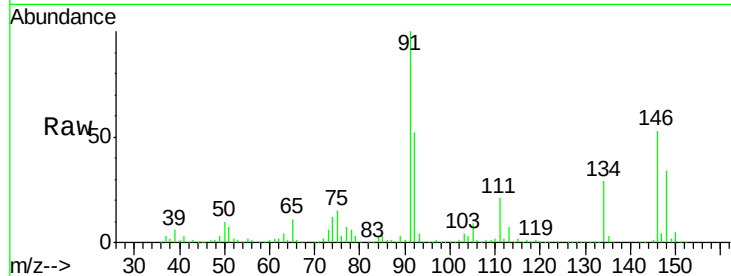




#91
 1,2-Dichlorobenzene
 Concen: 45.78 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.01 min
 Lab File: VX000633.D
 Acq: 02 Apr 2018 11:13

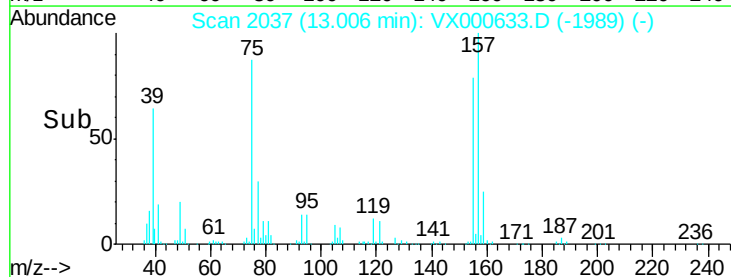
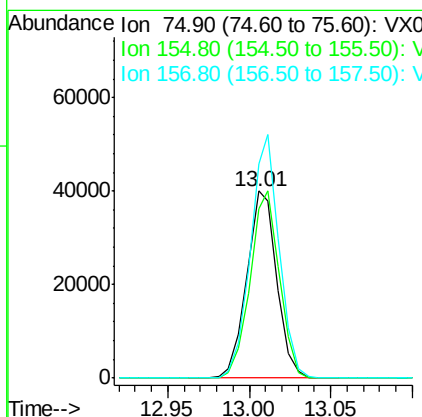
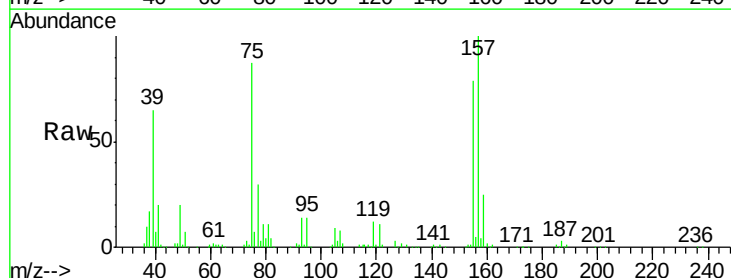
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

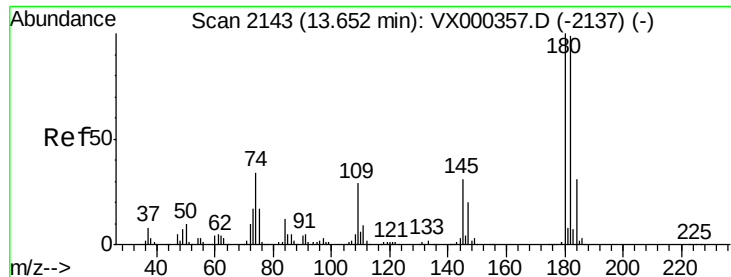
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	20.1	60.2
148	64.2	31.2	93.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 41.49 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: VX000633.D
 Acq: 02 Apr 2018 11:13

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.8	45.0	134.8
157	124.4	58.1	174.2

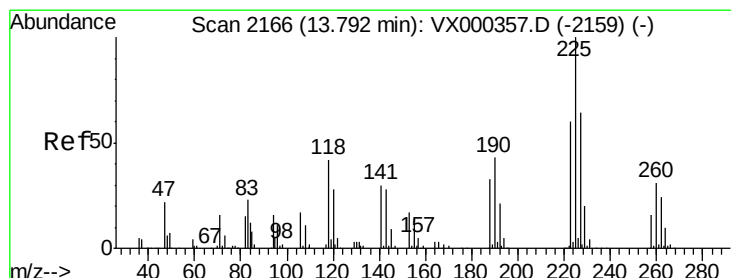
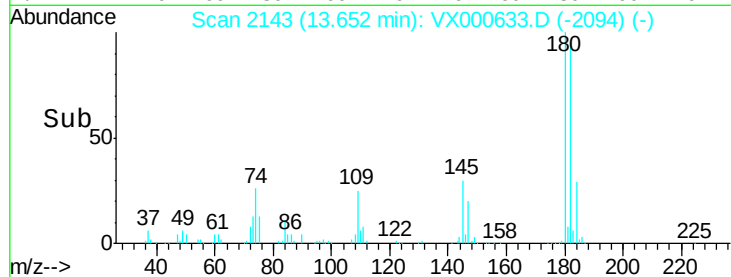
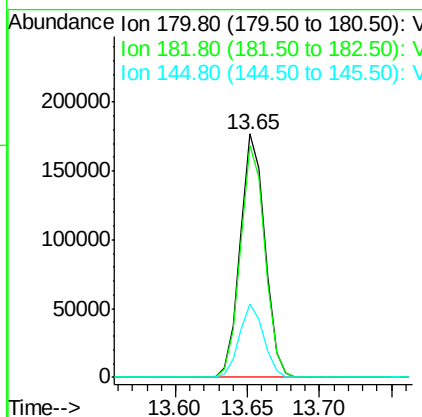
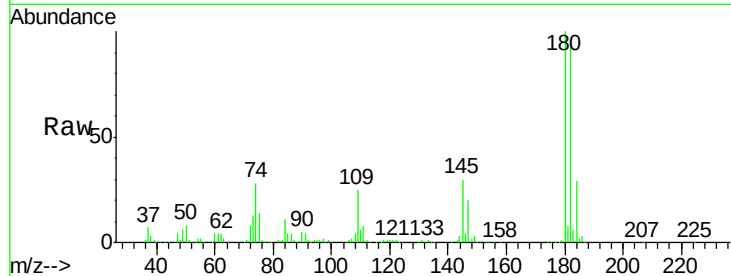




#93
 1,2,4-Trichlorobenzene
 Concen: 47.53 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000633.D
 Acq: 02 Apr 2018 11:13

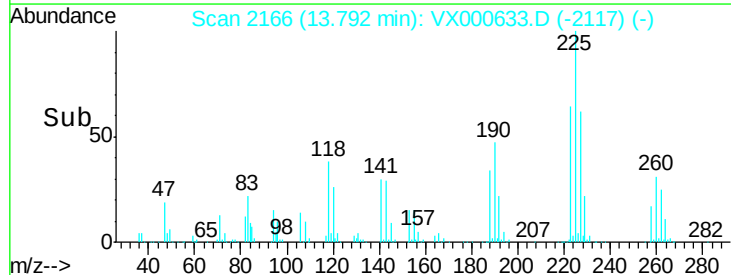
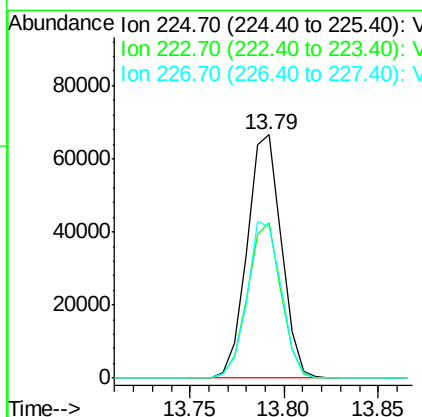
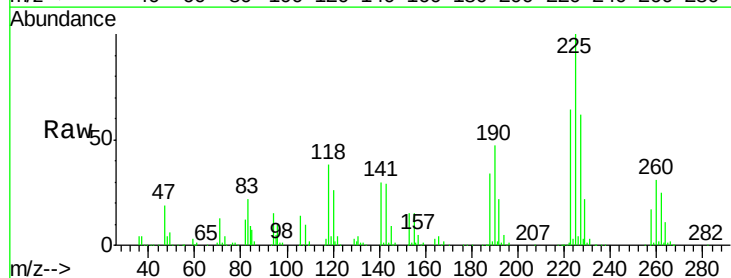
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

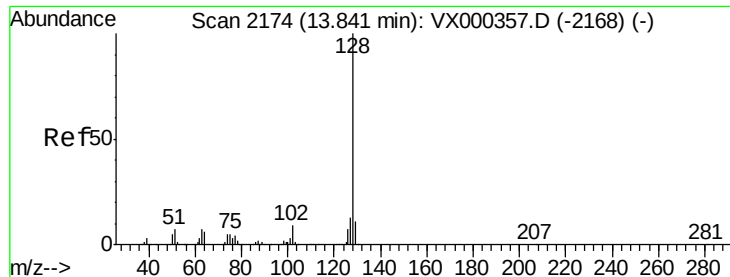
Tgt Ion:180 Resp: 209726
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.6 142.9
 145 29.7 15.1 45.3



#94
 Hexachlorobutadiene
 Concen: 45.83 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000633.D
 Acq: 02 Apr 2018 11:13

Tgt Ion:225 Resp: 83740
 Ion Ratio Lower Upper
 225 100
 223 62.7 32.0 96.0
 227 64.0 32.6 98.0





#95

Naphthalene

Concen: 46.51 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000633.D

Acq: 02 Apr 2018 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

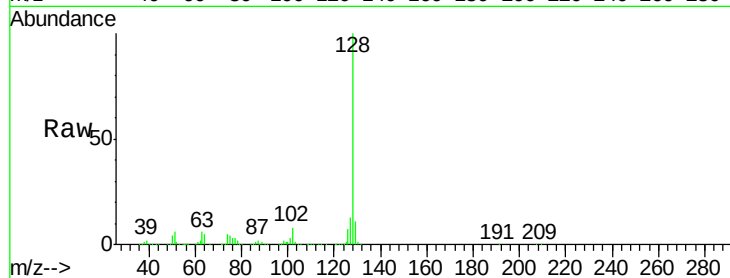
Tgt Ion:128 Resp: 714946

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

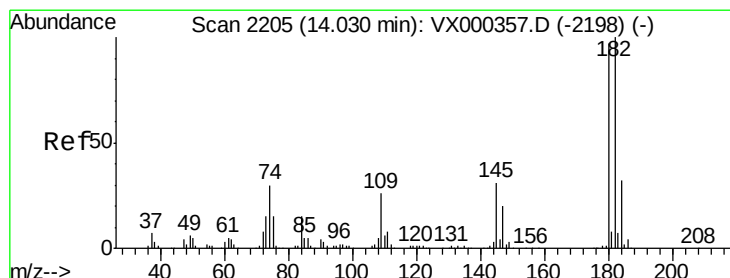
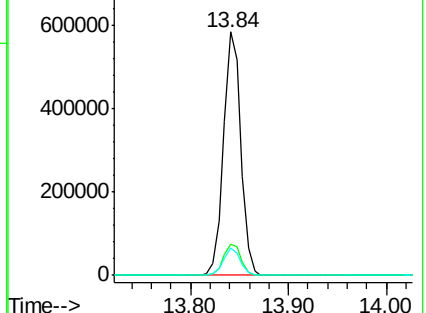
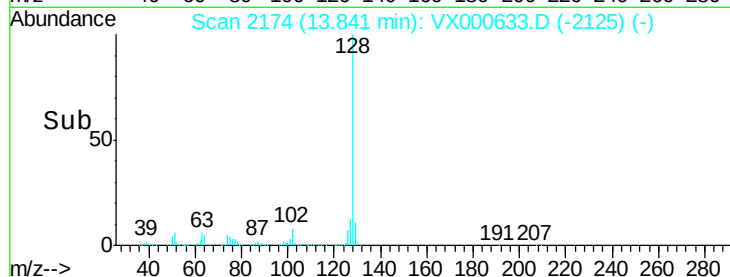
129 10.8 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 47.06 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000633.D

Acq: 02 Apr 2018 11:13

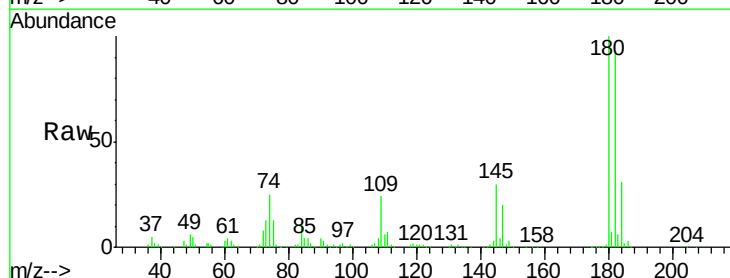
Tgt Ion:180 Resp: 205182

Ion Ratio Lower Upper

180 100

182 95.2 47.4 142.3

145 31.0 15.8 47.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

