

Data File : VX000372.D

Acq On : 20 Mar 2018 20:35

Operator : JC/MD

Sample : VSTDCCC050

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Mar 21 04:40:58 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M

Quant Title : SW846 8260

QLast Update : Tue Mar 20 14:01:51 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	120086	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	194305	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	194199	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	115560	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	80628	51.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.88%	
35) Dibromofluoromethane	5.52	113	63252	51.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.32%	
50) Toluene-d8	8.73	98	247333	48.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.56%	
62) 4-Bromofluorobenzene	11.15	95	95442	45.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	62308	47.08	ug/l	96
3) Chloromethane	1.32	50	63690	45.68	ug/l	95
4) Vinyl Chloride	1.41	62	74335	50.46	ug/l	97
5) Bromomethane	1.64	94	102912	58.34	ug/l	94
6) Chloroethane	1.73	64	47628	54.02	ug/l	99
7) Trichlorofluoromethane	1.93	101	129221	48.60	ug/l	99
8) Diethyl Ether	2.20	74	46811	49.26	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	72289	48.75	ug/l	99
10) Methyl Iodide	2.52	142	62992	43.49	ug/l	99
11) Tert butyl alcohol	3.07	59	134752	249.91	ug/l	100
12) 1,1-Dichloroethene	2.38	96	64504	49.56	ug/l	99
13) Acrolein	2.30	56	39420	230.20	ug/l	99
14) Allyl chloride	2.73	41	118453	51.53	ug/l	99
15) Acrylonitrile	3.15	53	272692	249.70	ug/l	99
16) Acetone	2.45	43	304751	233.70	ug/l	97
17) Carbon Disulfide	2.57	76	171458	49.52	ug/l	98
18) Methyl Acetate	2.79	43	137296	50.22	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	235476	48.92	ug/l	96
20) Methylene Chloride	2.87	84	72101	47.87	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	69051	47.56	ug/l	96
22) Diisopropyl ether	3.89	45	186053	45.73	ug/l	95
23) Vinyl Acetate	3.84	43	879231	227.94	ug/l	100
24) 1,1-Dichloroethane	3.70	63	126113	49.30	ug/l	99
25) 2-Butanone	4.72	43	355699	242.68	ug/l	98
26) 2,2-Dichloropropane	4.60	77	86180	48.06	ug/l	100
27) cis-1,2-Dichloroethene	4.61	96	64786	47.74	ug/l	99
28) Bromochloromethane	5.03	49	52546	49.81	ug/l	99
29) Tetrahydrofuran	5.18	42	227825	252.63	ug/l	99
30) Chloroform	5.23	83	123553	51.53	ug/l	97
31) Cyclohexane	5.59	56	95417	48.25	ug/l	98
32) 1,1,1-Trichloroethane	5.51	97	107897	49.89	ug/l	99
36) 1,1-Dichloropropene	5.81	75	88413	48.58	ug/l	98
37) Ethyl Acetate	4.87	43	122877	49.42	ug/l	99
38) Carbon Tetrachloride	5.79	117	94825	49.66	ug/l	99

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Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC050EC

Quant Time: Mar 21 04:40:58 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M

Quant Title : SW846 8260

QLast Update : Tue Mar 20 14:01:51 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	105479	47.65	ug/l	96
40) Benzene	6.15	78	262225	49.61	ug/l	99
41) Methacrylonitrile	5.07	41	63851	48.71	ug/l	98
42) 1,2-Dichloroethane	6.21	62	102802	49.57	ug/l	98
43) Isopropyl Acetate	6.48	43	189478	51.20	ug/l	99
44) Trichloroethene	7.22	130	73523	48.55	ug/l	97
45) 1,2-Dichloropropane	7.52	63	68152	50.37	ug/l	98
46) Dibromomethane	7.67	93	51026	48.05	ug/l	97
47) Bromodichloromethane	7.91	83	97581	52.23	ug/l	99
48) Methyl methacrylate	7.79	41	92685	51.59	ug/l	98
49) 1,4-Dioxane	7.77	88	37440	991.37	ug/l	96
51) 4-Methyl-2-Pentanone	8.66	43	722858	252.35	ug/l	99
52) Toluene	8.79	92	177045	47.91	ug/l	98
53) t-1,3-Dichloropropene	8.45	75	110772	51.16	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	109434	52.11	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	75492	49.68	ug/l	98
56) Ethyl methacrylate	9.19	69	115344	50.09	ug/l	99
57) 1,3-Dichloropropane	9.38	76	121387	49.94	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	284438	257.38	ug/l	99
59) 2-Hexanone	9.51	43	607009	249.56	ug/l	100
60) Dibromochloromethane	9.59	129	79453	44.66	ug/l	97
61) 1,2-Dibromoethane	9.68	107	81248	49.86	ug/l	99
64) Tetrachloroethene	9.34	164	72037	47.80	ug/l	96
65) Chlorobenzene	10.15	112	205684	47.59	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	73930	50.37	ug/l	98
67) Ethyl Benzene	10.26	91	360541	49.21	ug/l	100
68) m/p-Xylenes	10.37	106	282091	97.85	ug/l	99
69) o-Xylene	10.71	106	136726	48.98	ug/l	99
70) Styrene	10.72	104	231968	50.22	ug/l	99
71) Bromoform	10.87	173	63358	42.24	ug/l #	98
73) Isopropylbenzene	11.02	105	381739	49.86	ug/l	98
74) N-amyl acetate	6.48	43	189478	57.25	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.28	83	133958	49.46	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	158138	63.67	ug/l	84
77) Bromobenzene	11.26	156	95032	46.59	ug/l	99
78) n-propylbenzene	11.37	91	444940	48.74	ug/l	100
79) 2-Chlorotoluene	11.43	91	253481	48.06	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	324215	50.36	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	38316	49.95	ug/l	96
82) 4-Chlorotoluene	11.52	91	311879	49.53	ug/l	100
83) tert-Butylbenzene	11.78	119	318828	49.10	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	340657	50.47	ug/l	100
85) sec-Butylbenzene	11.96	105	402578	50.11	ug/l	99
86) p-Isopropyltoluene	12.07	119	360990	50.59	ug/l	100
87) 1,3-Dichlorobenzene	12.04	146	184750	47.90	ug/l	99
88) 1,4-Dichlorobenzene	12.11	146	192398	47.52	ug/l	98
89) n-Butylbenzene	12.40	91	331290	49.87	ug/l	99
90) Hexachloroethane	12.60	117	58737	52.30	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	187101	49.48	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	38386	50.82	ug/l	97

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX032018\
Quantitation Report (Not Reviewed)

Data File : VX000372.D
Acq On : 20 Mar 2018 20:35
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

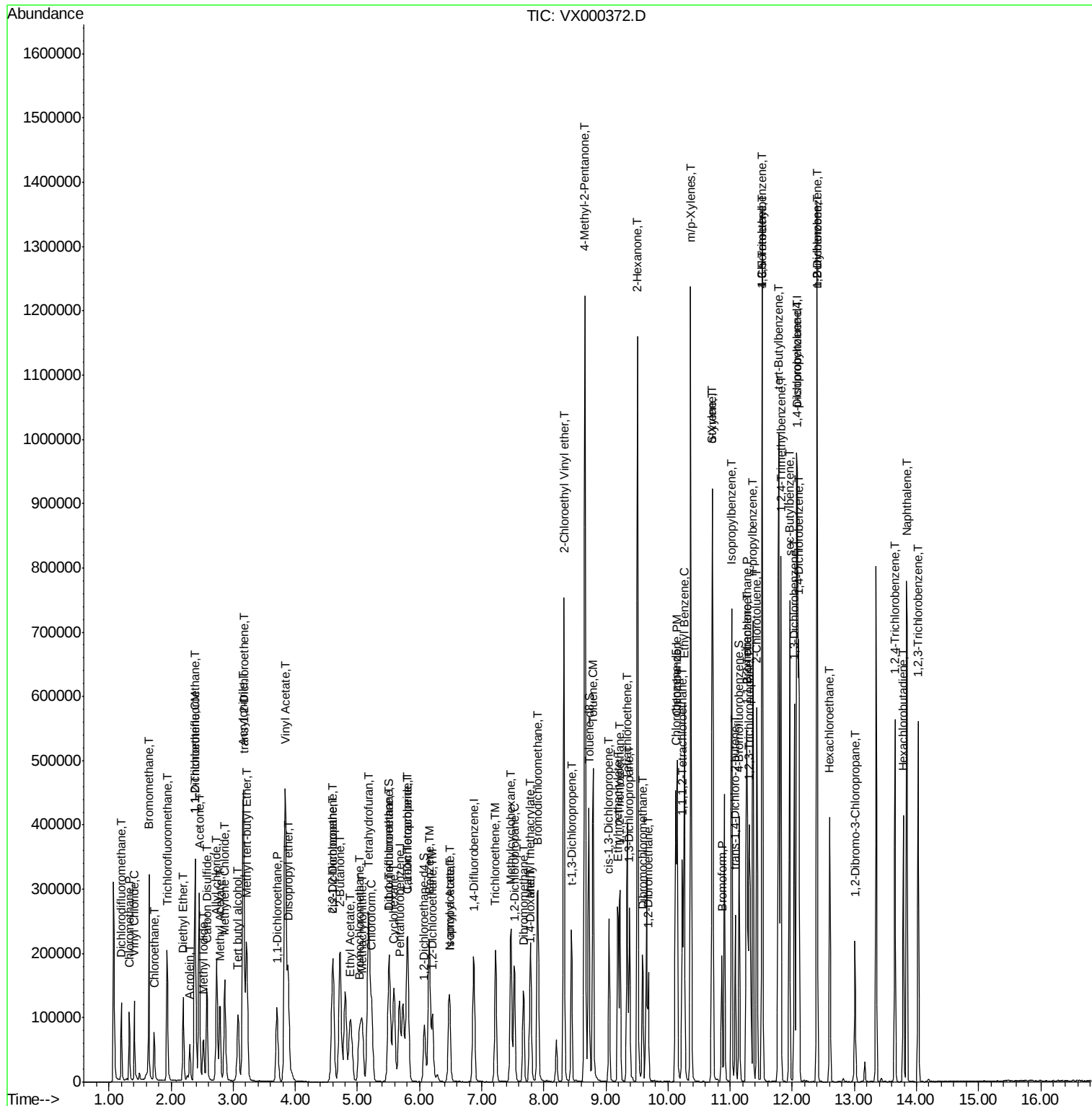
Quant Time: Mar 21 04:40:58 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 20 14:01:51 2018
Response via : Initial Calibration

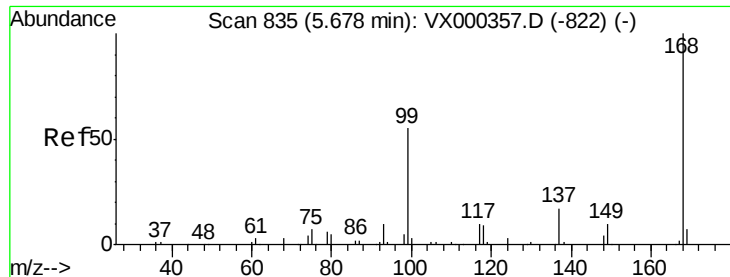
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	126422	46.64	ug/l	99
94) Hexachlorobutadiene	13.79	225	53090	47.30	ug/l	99
95) Naphthalene	13.84	128	470533	49.83	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	125951	47.02	ug/l	99

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

ALS Vial : 20 Sample Multiplier: 1

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000372.D

Acq: 20 Mar 2018 20:35

Instrument :

MSVOA_X

ClientSampleId :

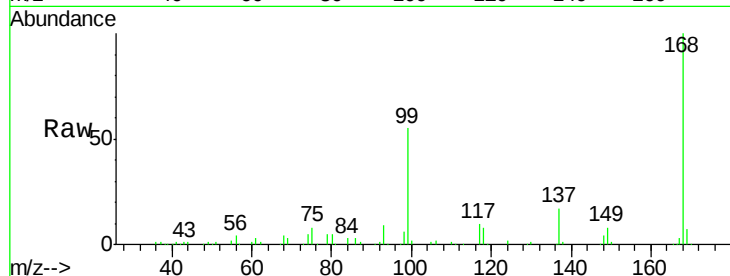
VSTDCCC050EC

Tgt Ion:168 Resp: 120086

Ion Ratio Lower Upper

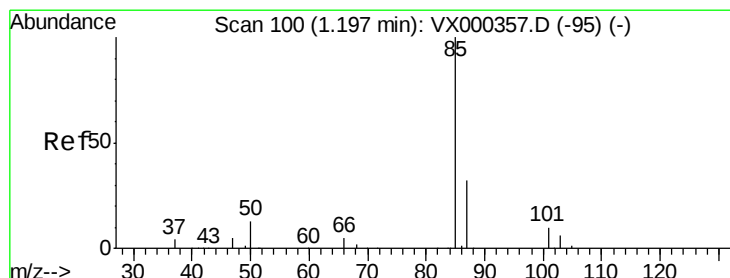
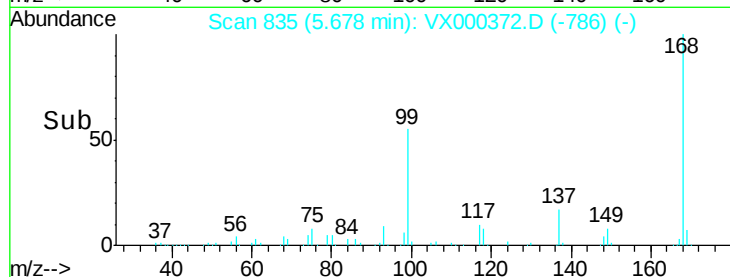
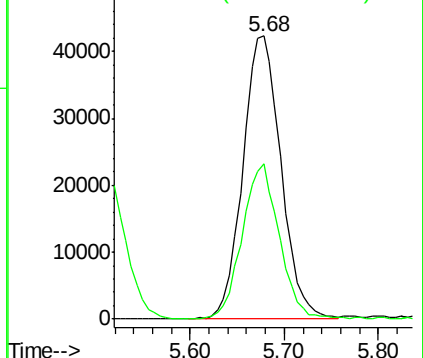
168 100

99 55.1 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: 47.08 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000372.D

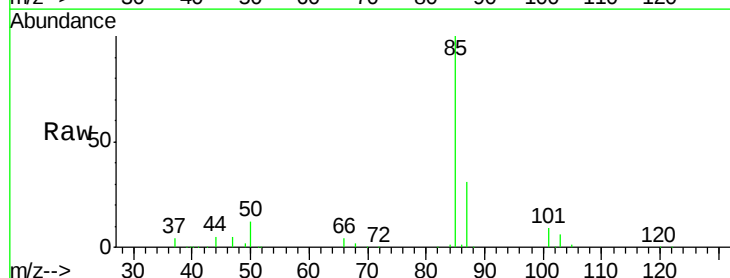
Acq: 20 Mar 2018 20:35

Tgt Ion: 85 Resp: 62308

Ion Ratio Lower Upper

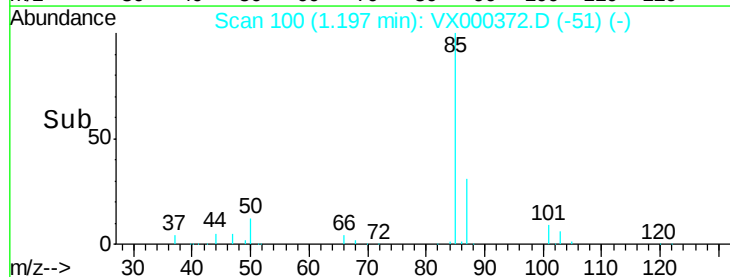
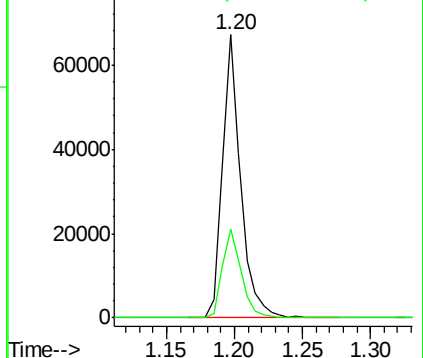
85 100

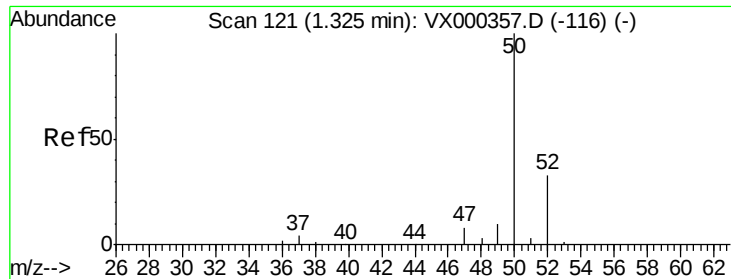
87 31.3 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 45.68 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000372.D

Acq: 20 Mar 2018 20:35

Instrument :

MSVOA_X

ClientSampleId :

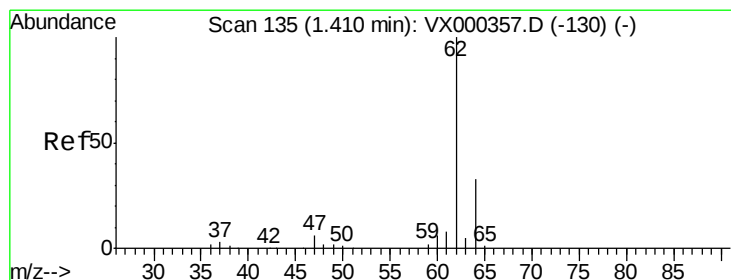
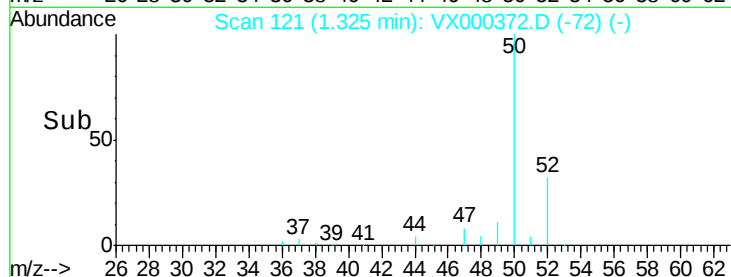
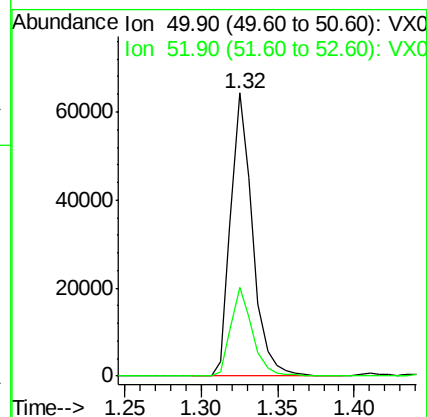
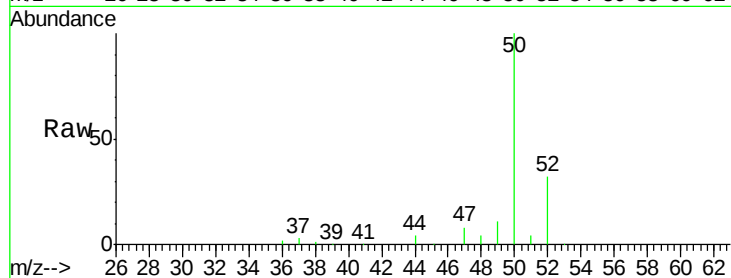
VSTDCCC050EC

Tgt Ion: 50 Resp: 63690

Ion Ratio Lower Upper

50 100

52 31.6 27.5 41.3



#4

Vinyl Chloride

Concen: 50.46 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX000372.D

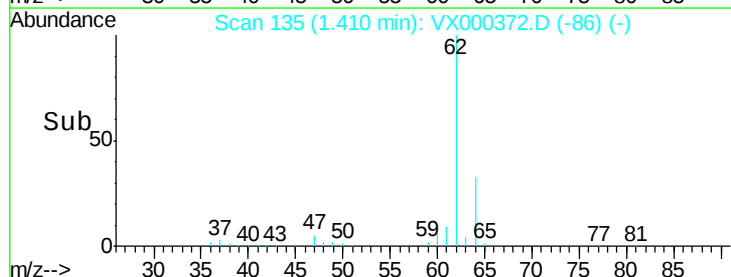
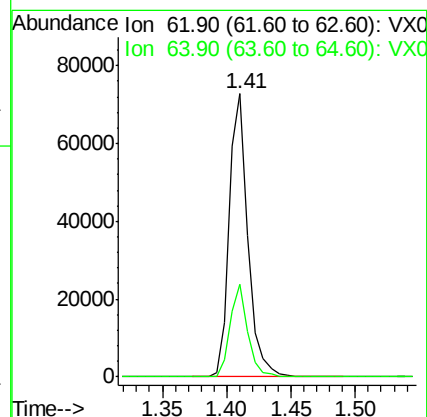
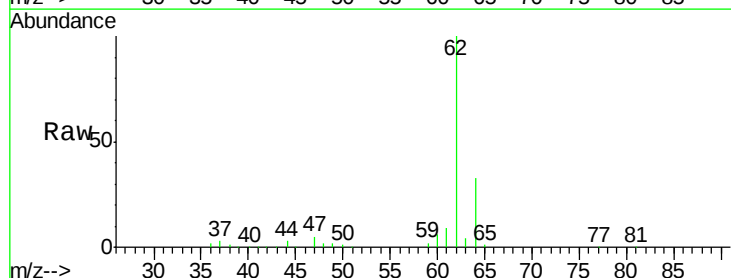
Acq: 20 Mar 2018 20:35

Tgt Ion: 62 Resp: 74335

Ion Ratio Lower Upper

62 100

64 32.6 24.8 37.2





#5

Bromomethane

Concen: 58.34 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000372.D

Acq: 20 Mar 2018 20:35

Instrument :

MSVOA_X

ClientSampleId :

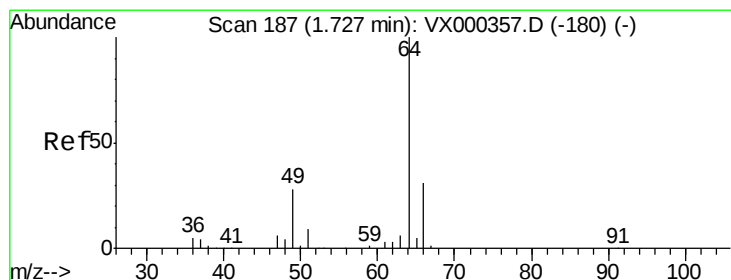
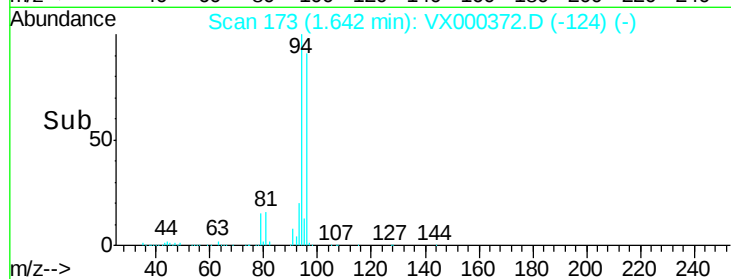
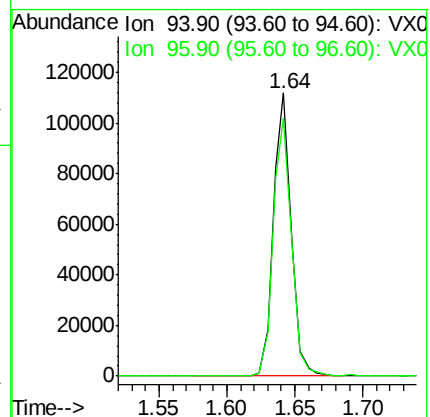
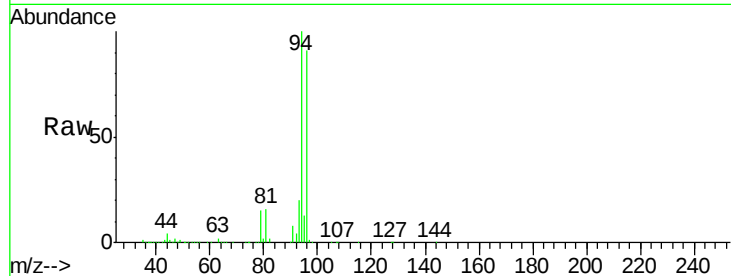
VSTDCCC050EC

Tgt Ion: 94 Resp: 102912

Ion Ratio Lower Upper

94 100

96 91.1 77.7 116.5



#6

Chloroethane

Concen: 54.02 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX000372.D

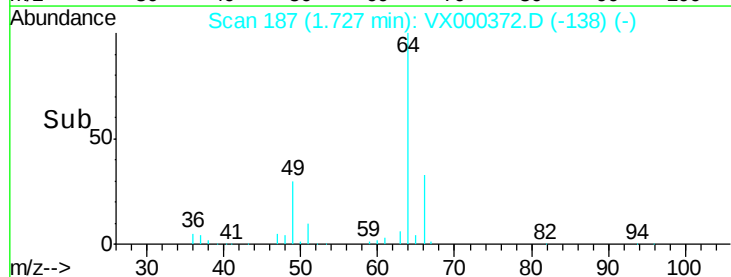
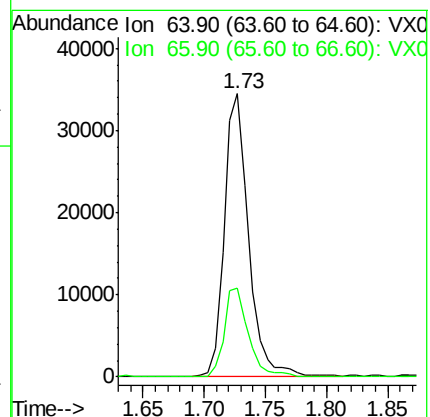
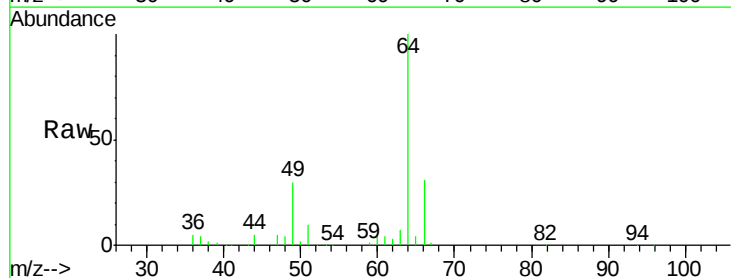
Acq: 20 Mar 2018 20:35

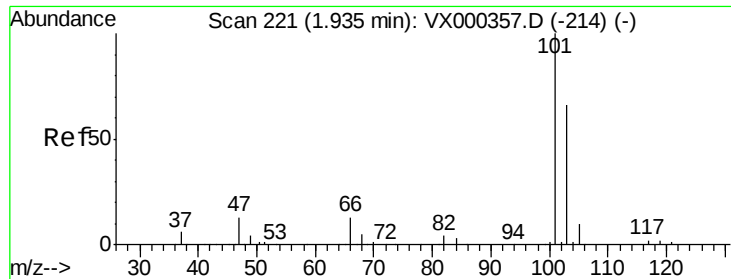
Tgt Ion: 64 Resp: 47628

Ion Ratio Lower Upper

64 100

66 31.4 24.8 37.2



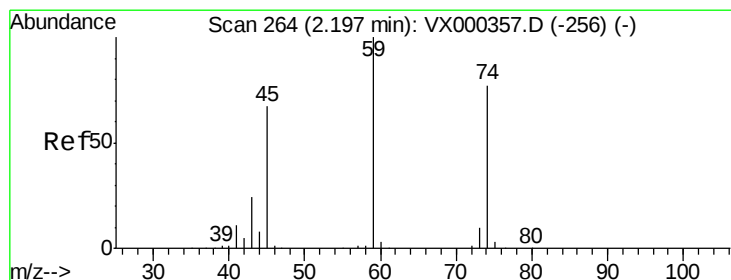
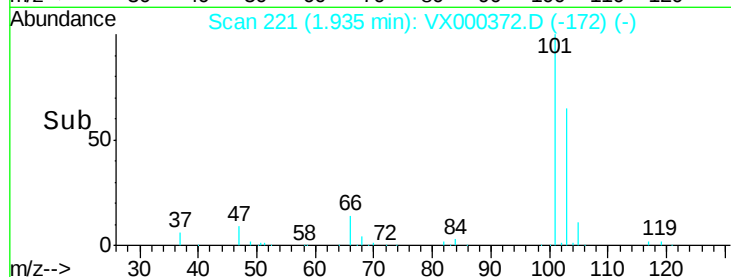
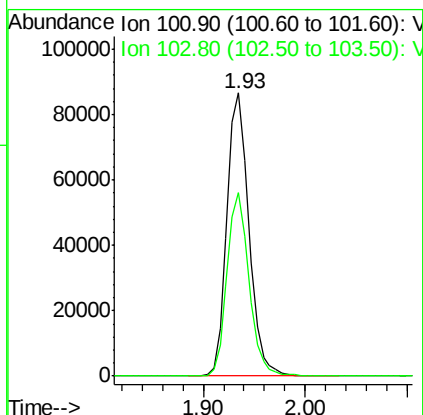
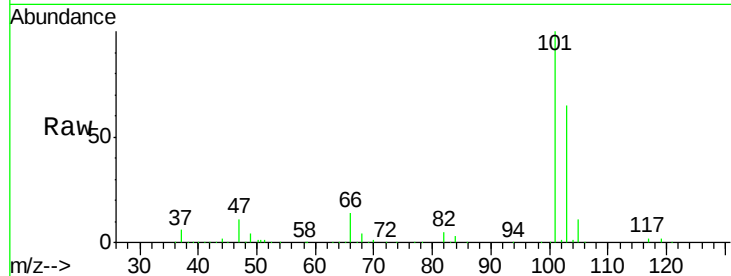


#7

Trichlorofluoromethane
 Concen: 48.60 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VX000372.D
 Acq: 20 Mar 2018 20:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

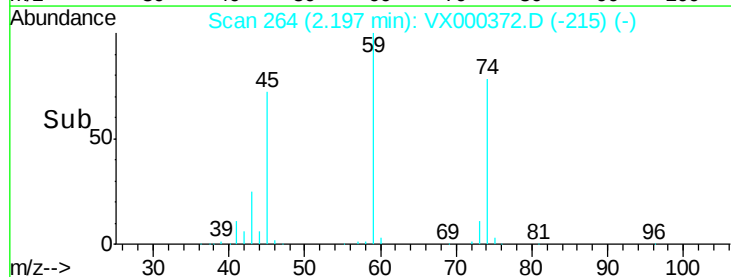
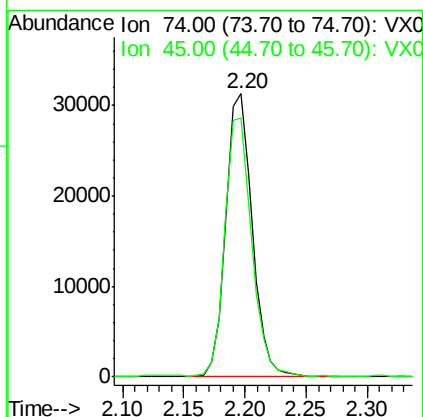
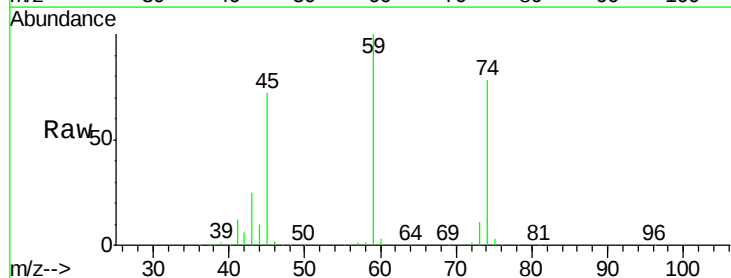
Tgt Ion: 101 Resp: 129221
 Ion Ratio Lower Upper
 101 100
 103 65.0 51.6 77.4



#8

Diethyl Ether
 Concen: 49.26 ug/l
 RT: 2.20 min Scan# 264
 Delta R.T. -0.00 min
 Lab File: VX000372.D
 Acq: 20 Mar 2018 20:35

Tgt Ion: 74 Resp: 46811
 Ion Ratio Lower Upper
 74 100
 45 92.6 45.1 135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.75 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX000372.D

Acq: 20 Mar 2018 20:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

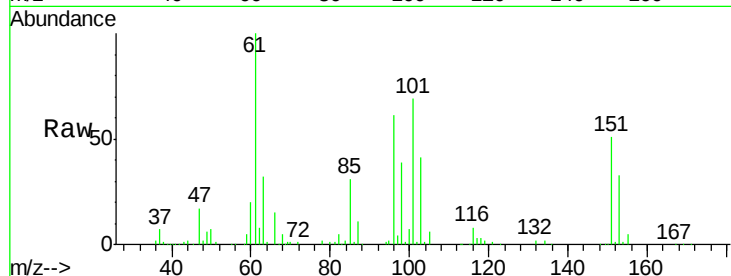
Tgt Ion:101 Resp: 72289

Ion Ratio Lower Upper

101 100

85 48.4 37.6 56.4

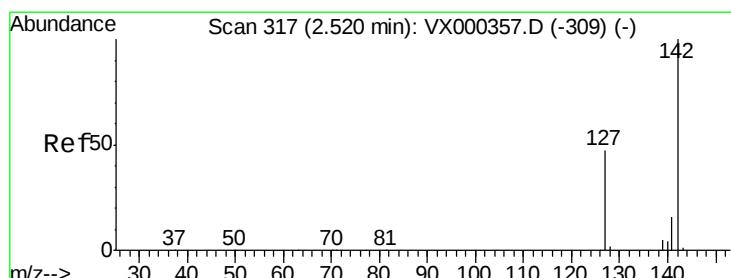
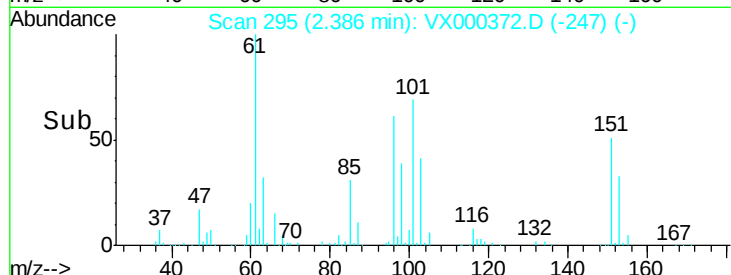
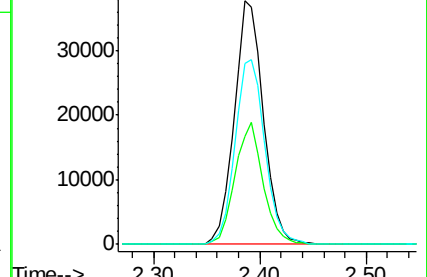
151 78.2 62.6 93.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 43.49 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.00 min

Lab File: VX000372.D

Acq: 20 Mar 2018 20:35

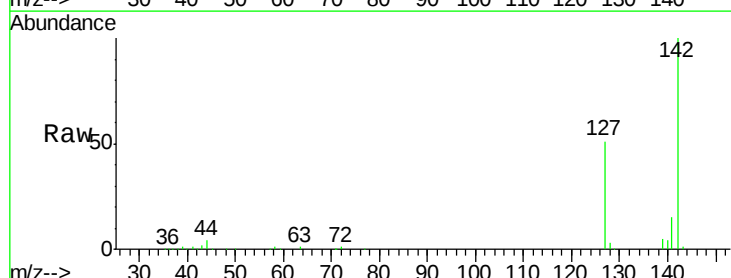
Tgt Ion:142 Resp: 62992

Ion Ratio Lower Upper

142 100

127 50.2 39.2 58.8

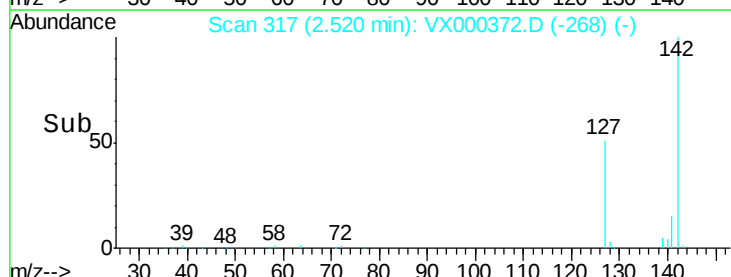
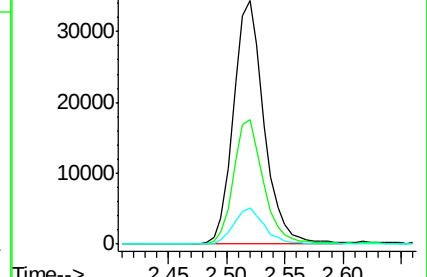
141 14.8 11.7 17.5

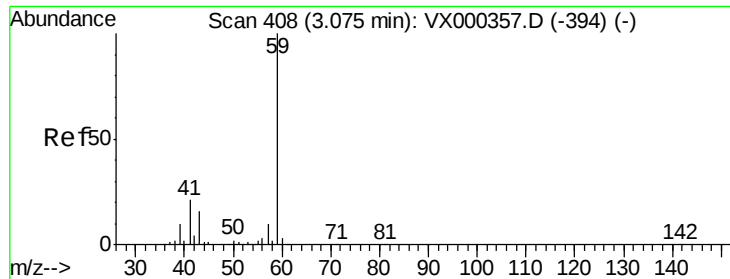


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

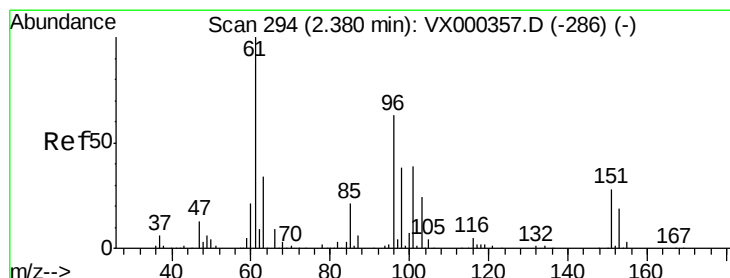
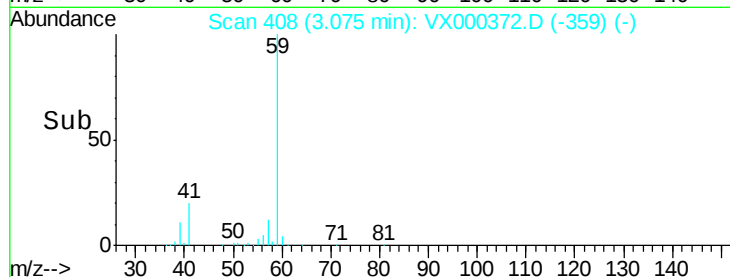
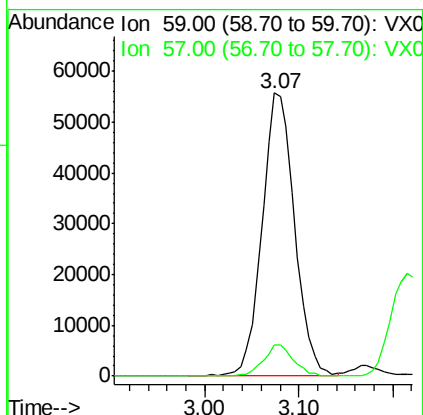
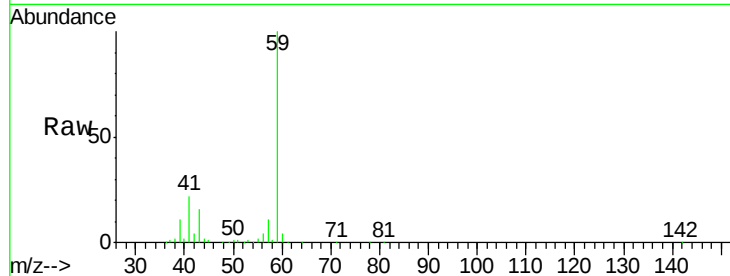




#11
Tert butyl alcohol
Concen: 249.91 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.00 min
Lab File: VX000372.D
Acq: 20 Mar 2018 20:35

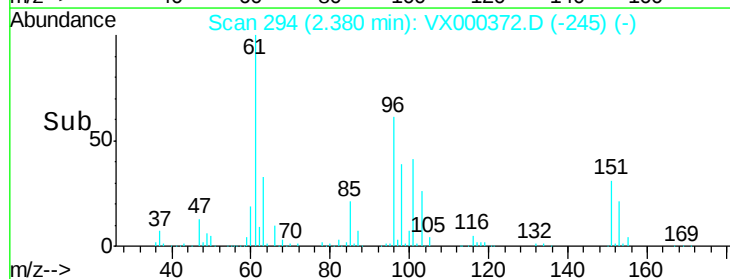
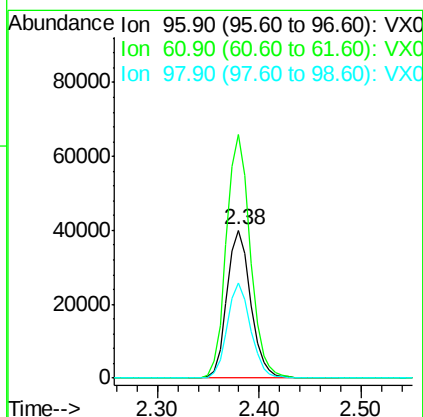
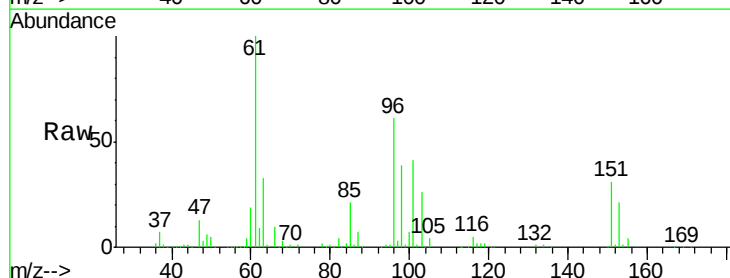
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

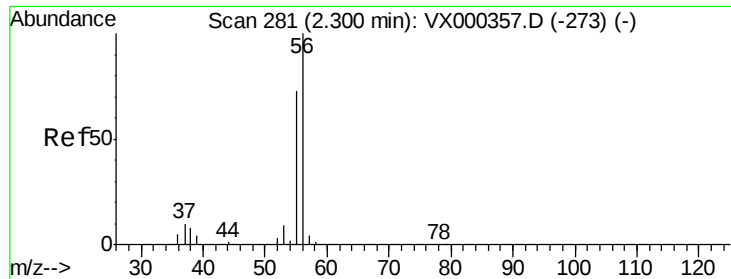
Tgt Ion: 59 Resp: 134752
Ion Ratio Lower Upper
59 100
57 10.4 8.4 12.6



#12
1,1-Dichloroethene
Concen: 49.56 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000372.D
Acq: 20 Mar 2018 20:35

Tgt Ion: 96 Resp: 64504
Ion Ratio Lower Upper
96 100
61 164.7 131.2 196.8
98 64.8 49.8 74.8





#13

Acrolein

Concen: 230.20 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000372.D

Acq: 20 Mar 2018 20:35

Instrument :

MSVOA_X

ClientSampleId :

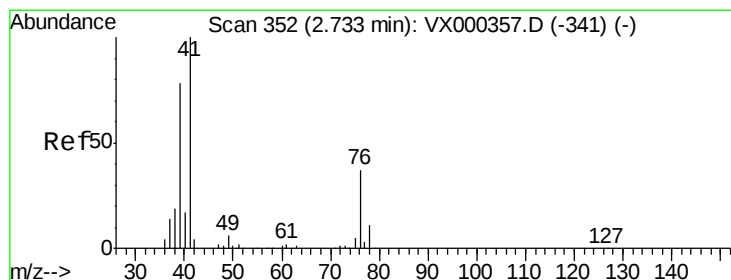
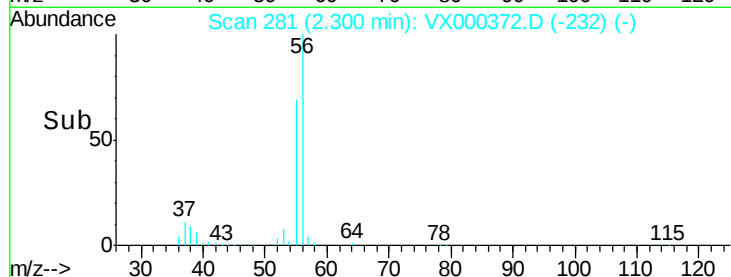
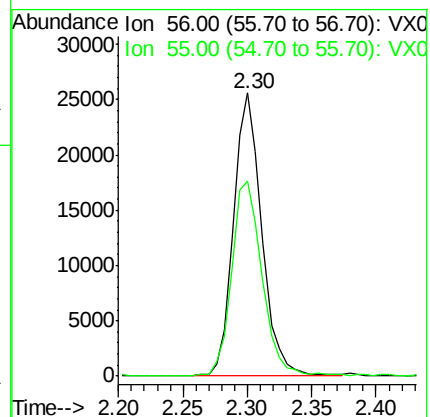
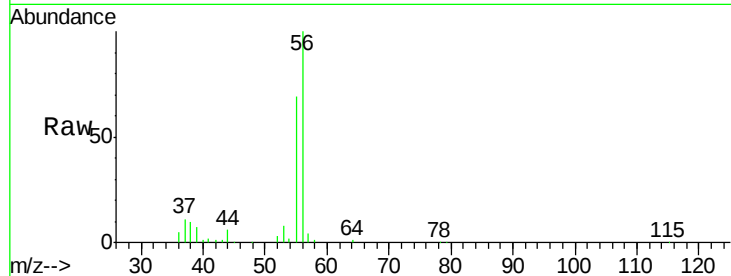
VSTDCCC050EC

Tgt Ion: 56 Resp: 39420

Ion Ratio Lower Upper

56 100

55 74.3 58.8 88.2



#14

Allyl chloride

Concen: 51.53 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000372.D

Acq: 20 Mar 2018 20:35

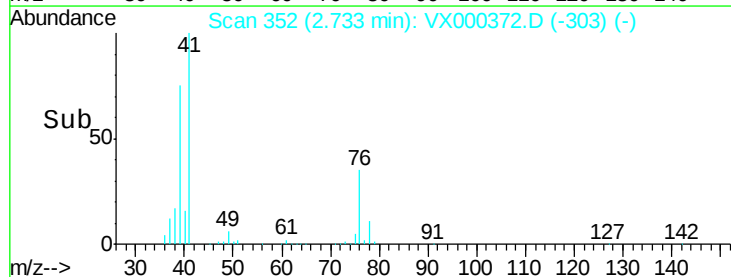
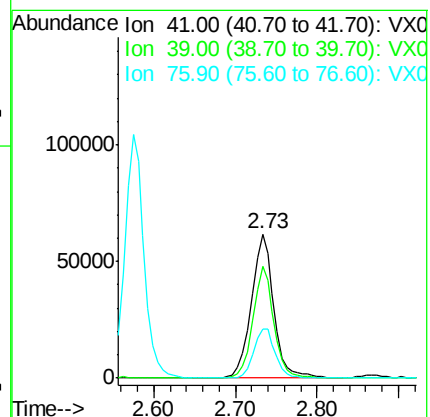
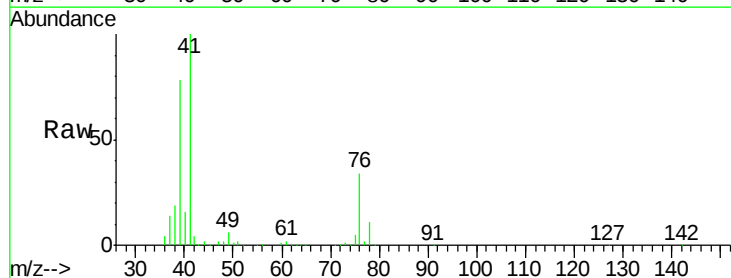
Tgt Ion: 41 Resp: 118453

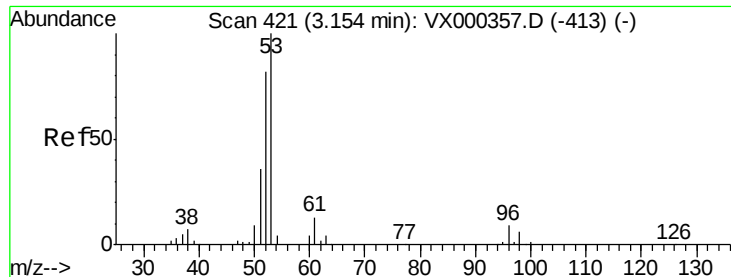
Ion Ratio Lower Upper

41 100

39 71.4 57.6 86.4

76 32.8 27.3 40.9





#15

Acrylonitrile

Concen: 249.70 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX000372.D

Acq: 20 Mar 2018 20:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

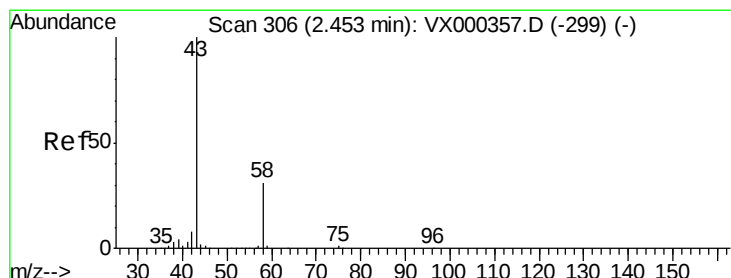
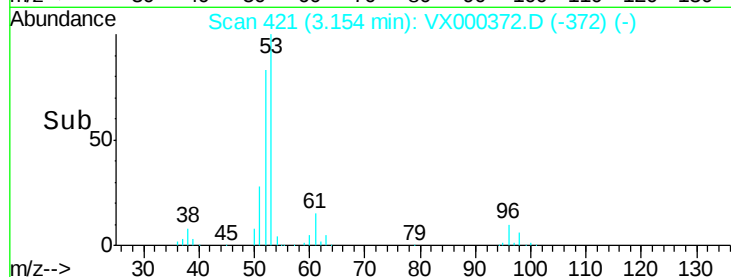
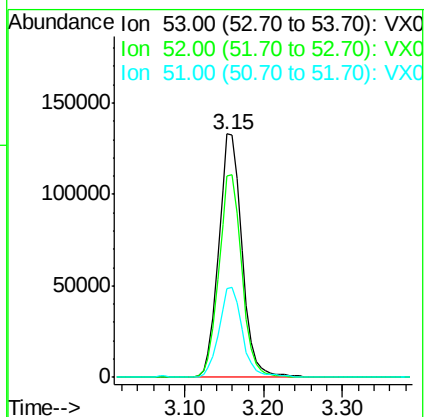
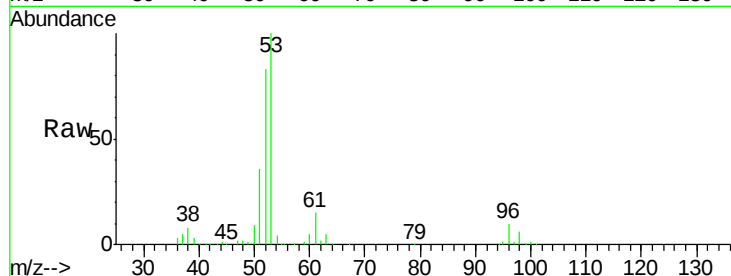
Tgt Ion: 53 Resp: 272692

Ion Ratio Lower Upper

53 100

52 82.0 66.6 99.8

51 37.5 29.3 43.9



#16

Acetone

Concen: 233.70 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX000372.D

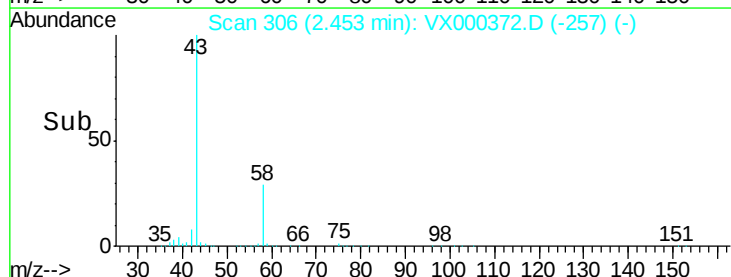
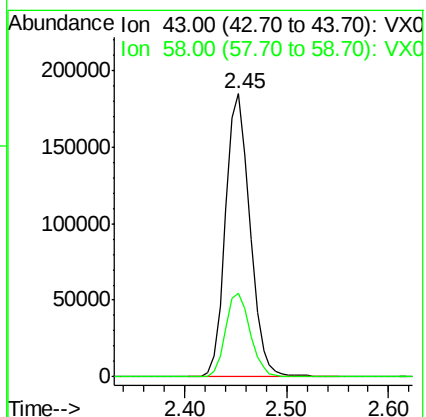
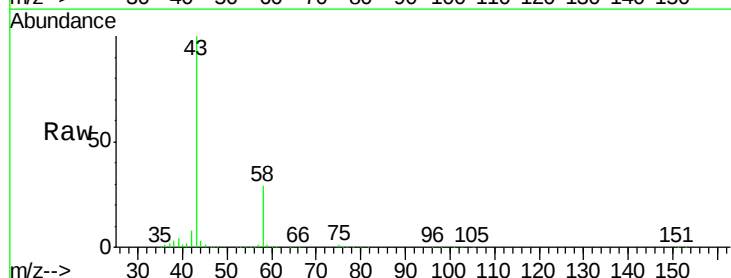
Acq: 20 Mar 2018 20:35

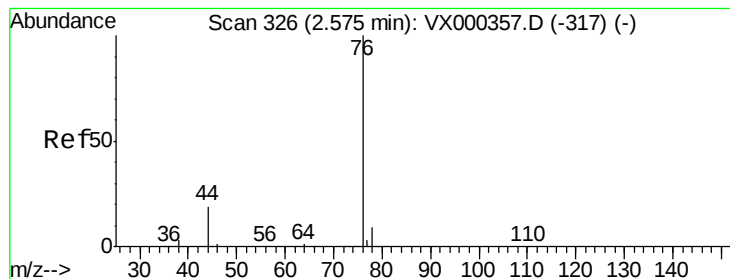
Tgt Ion: 43 Resp: 304751

Ion Ratio Lower Upper

43 100

58 29.5 24.7 37.1





#17

Carbon Disulfide

Concen: 49.52 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000372.D

Acq: 20 Mar 2018 20:35

Instrument :

MSVOA_X

ClientSampleId :

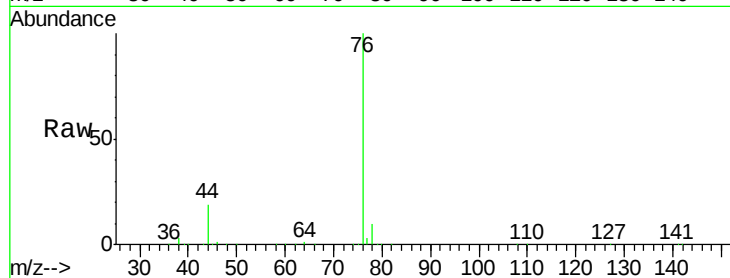
VSTDCCC050EC

Tgt Ion: 76 Resp: 171458

Ion Ratio Lower Upper

76 100

78 9.6 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

120000

100000

80000

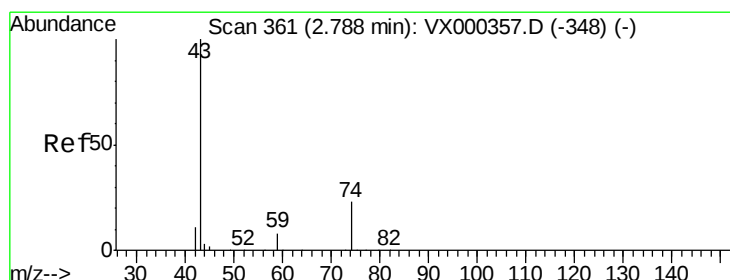
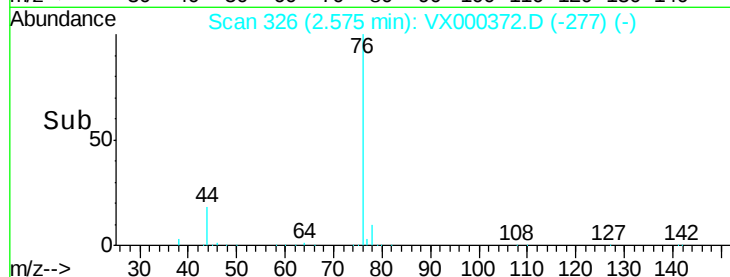
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 50.22 ug/l

RT: 2.79 min Scan# 361

Delta R.T. -0.00 min

Lab File: VX000372.D

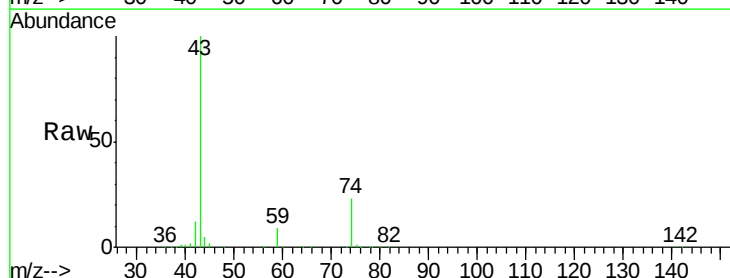
Acq: 20 Mar 2018 20:35

Tgt Ion: 43 Resp: 137296

Ion Ratio Lower Upper

43 100

74 24.2 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.79

80000

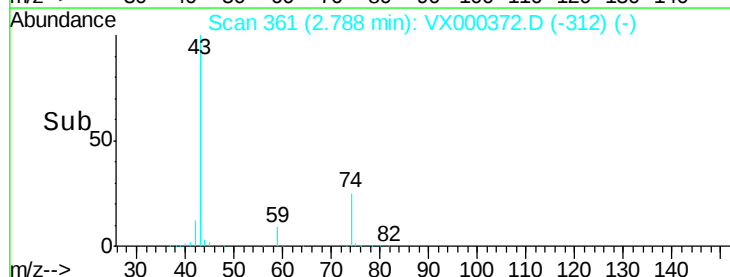
60000

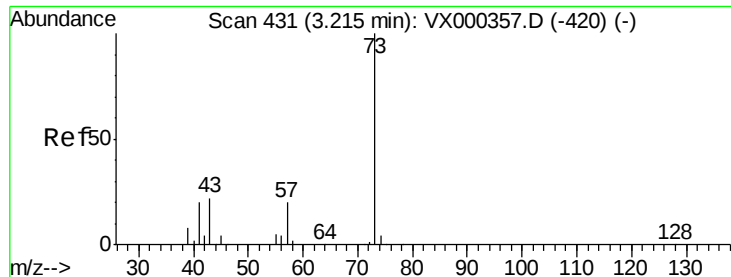
40000

20000

0

Time-->

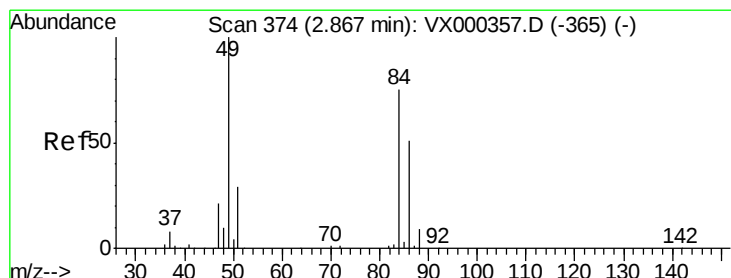
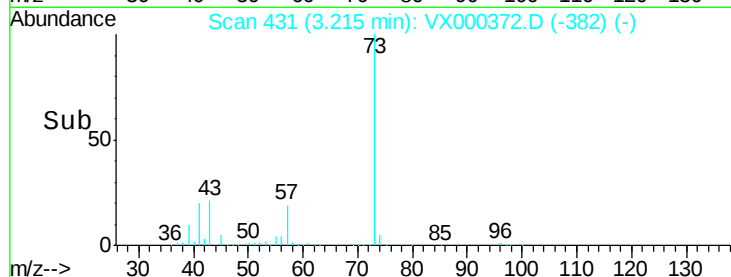
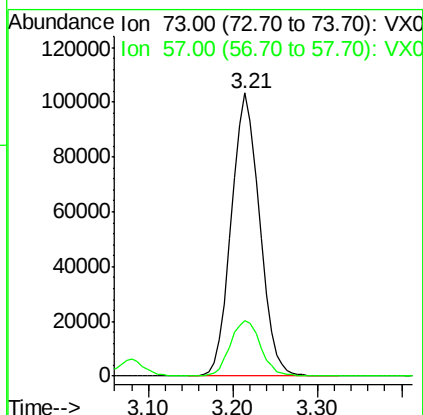
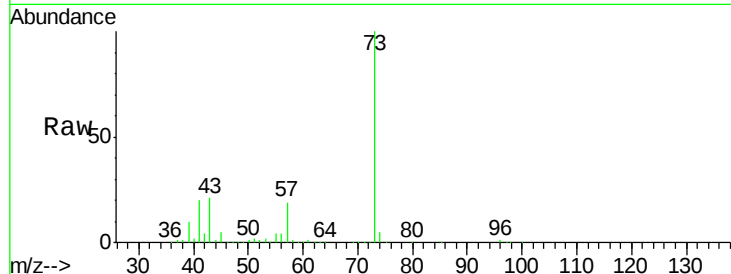




#19
Methyl tert-butyl Ether
Concen: 48.92 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX000372.D
Acq: 20 Mar 2018 20:35

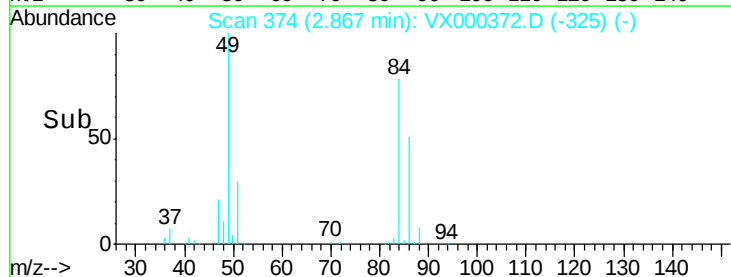
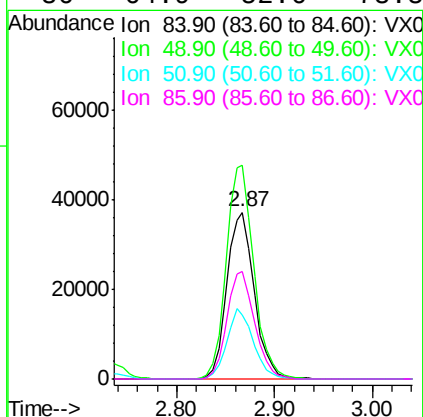
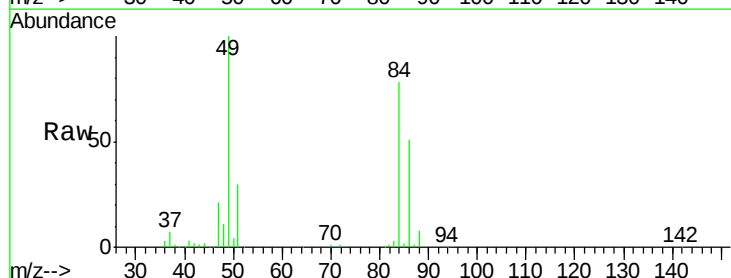
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 235476
Ion Ratio Lower Upper
73 100
57 19.5 17.2 25.8



#20
Methylene Chloride
Concen: 47.87 ug/l
RT: 2.87 min Scan# 374
Delta R.T. -0.00 min
Lab File: VX000372.D
Acq: 20 Mar 2018 20:35

Tgt Ion: 84 Resp: 72101
Ion Ratio Lower Upper
84 100
49 128.1 100.6 151.0
51 38.6 31.6 47.4
86 64.9 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 47.56 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000372.D

Acq: 20 Mar 2018 20:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

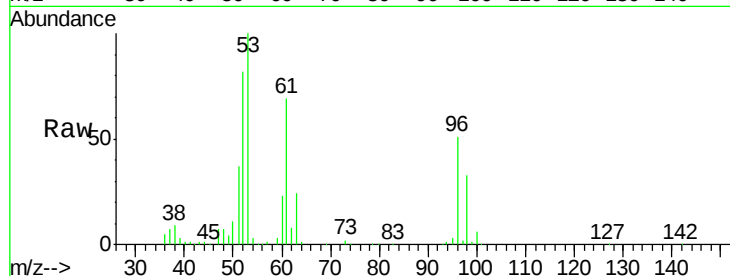
Tgt Ion: 96 Resp: 69051

Ion Ratio Lower Upper

96 100

61 136.8 104.0 156.0

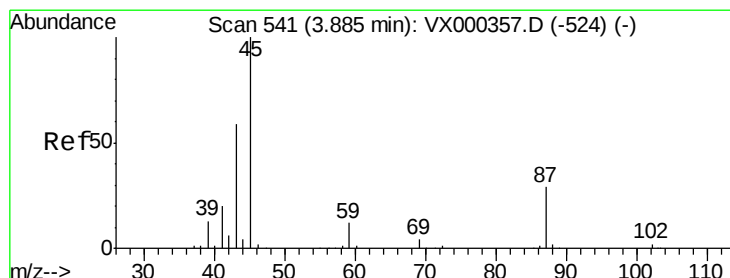
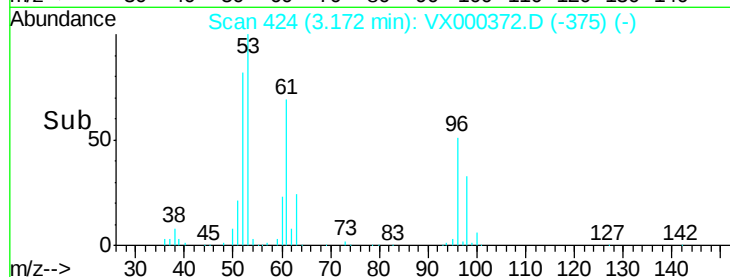
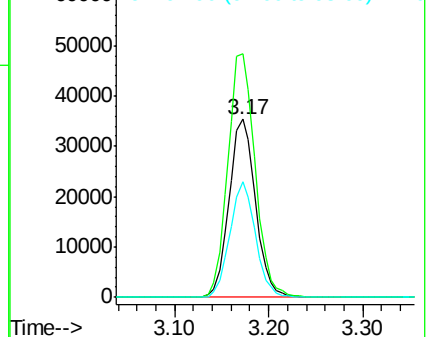
98 64.8 52.1 78.1



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: 45.73 ug/l

RT: 3.89 min Scan# 541

Delta R.T. -0.00 min

Lab File: VX000372.D

Acq: 20 Mar 2018 20:35

Tgt Ion: 45 Resp: 186053

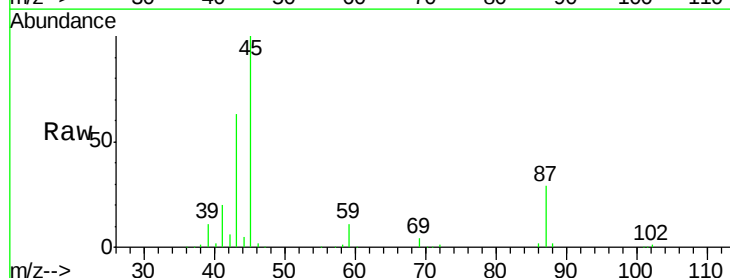
Ion Ratio Lower Upper

45 100

43 62.5 53.9 80.9

87 29.5 22.6 34.0

59 10.6 9.5 14.3

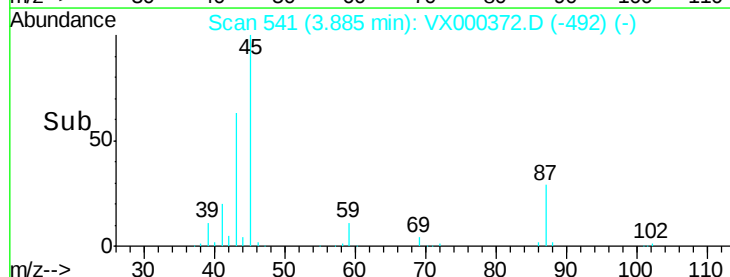
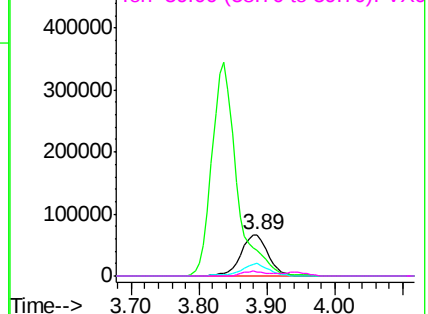


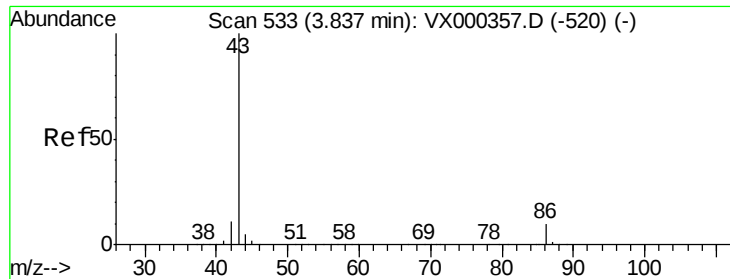
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 227.94 ug/l

RT: 3.84 min Scan# 533

Delta R.T. -0.00 min

Lab File: VX000372.D

Acq: 20 Mar 2018 20:35

Instrument :

MSVOA_X

ClientSampleId :

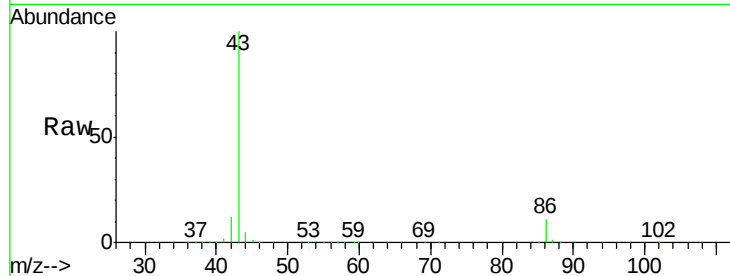
VSTDCCC050EC

Tgt Ion: 43 Resp: 879231

Ion Ratio Lower Upper

43 100

86 10.6 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.84

400000

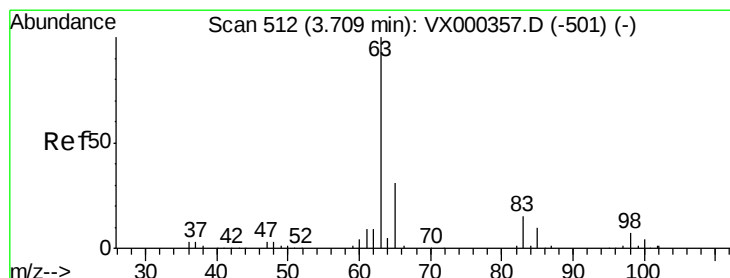
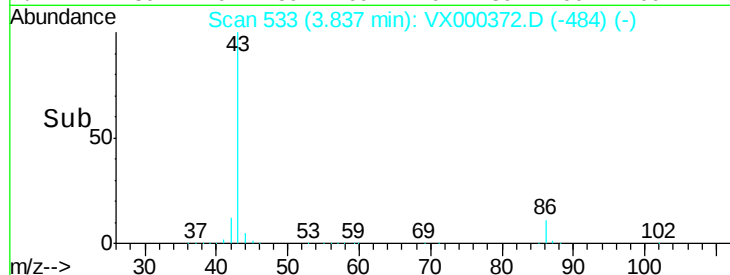
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 49.30 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.01 min

Lab File: VX000372.D

Acq: 20 Mar 2018 20:35

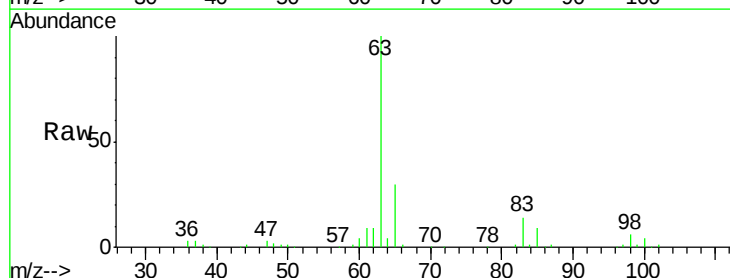
Tgt Ion: 63 Resp: 126113

Ion Ratio Lower Upper

63 100

98 5.9 3.3 9.9

100 4.0 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

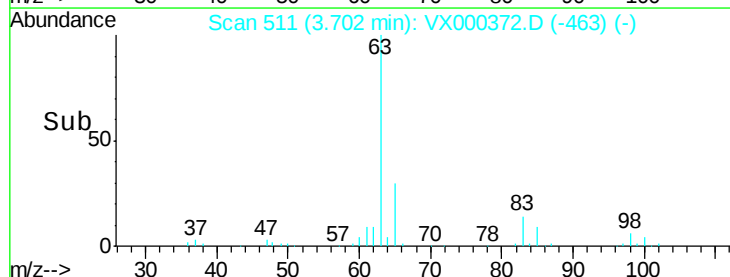
60000

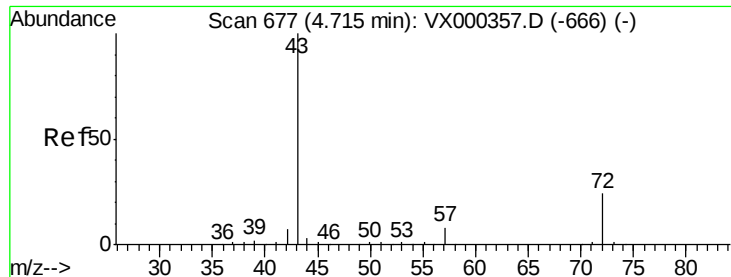
40000

20000

0

Time-->





#25

2-Butanone

Concen: 242.68 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX000372.D

Acq: 20 Mar 2018 20:35

Instrument :

MSVOA_X

ClientSampleId :

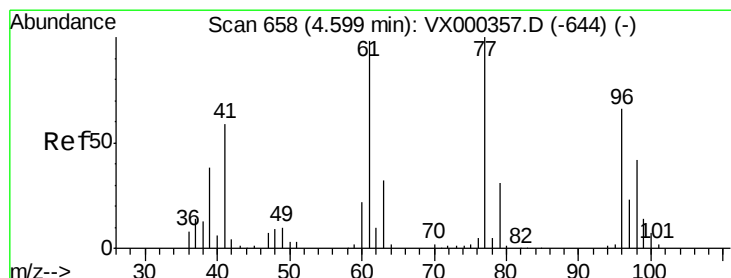
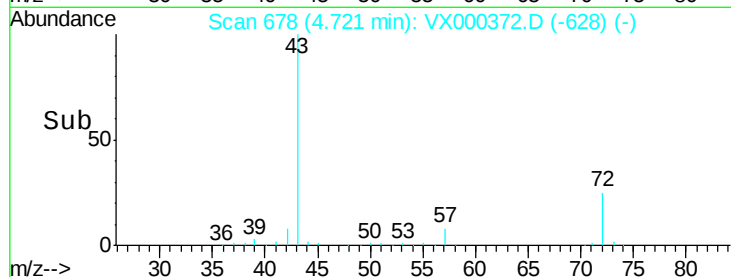
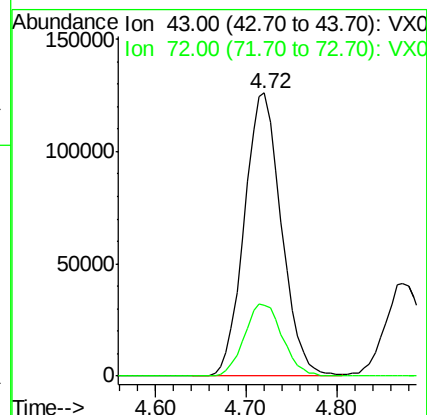
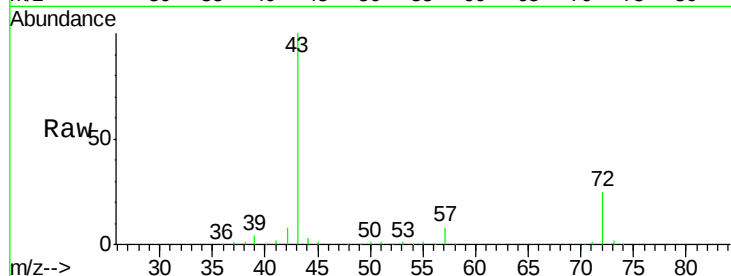
VSTDCCC050EC

Tgt Ion: 43 Resp: 355699

Ion Ratio Lower Upper

43 100

72 25.1 21.0 31.6



#26

2,2-Dichloropropane

Concen: 48.06 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX000372.D

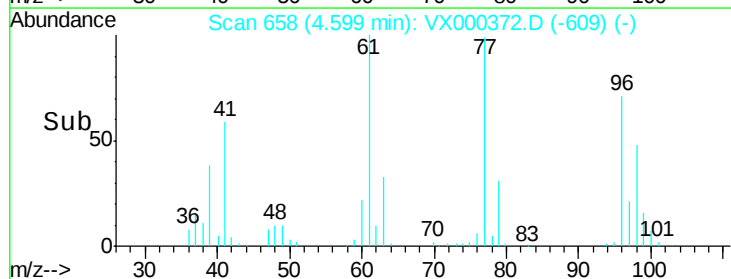
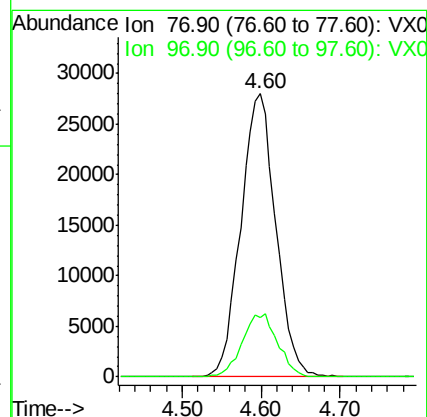
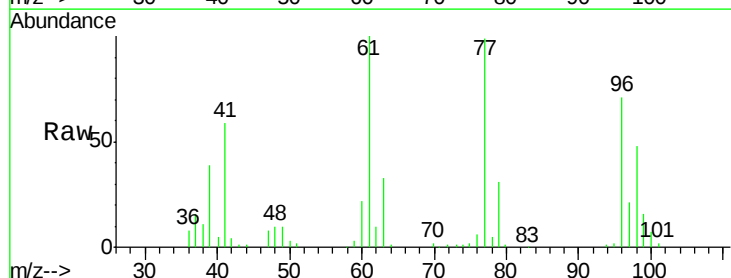
Acq: 20 Mar 2018 20:35

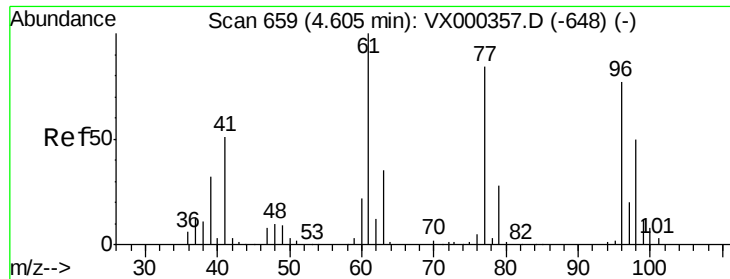
Tgt Ion: 77 Resp: 86180

Ion Ratio Lower Upper

77 100

97 22.6 11.3 33.8



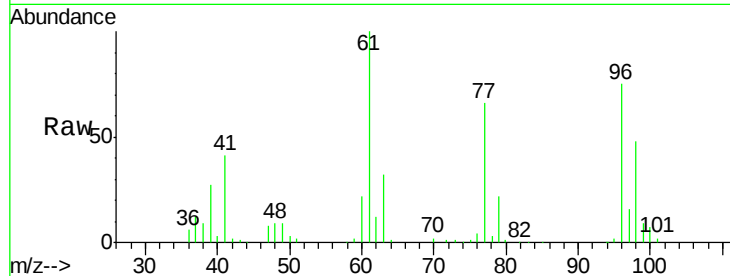


#27

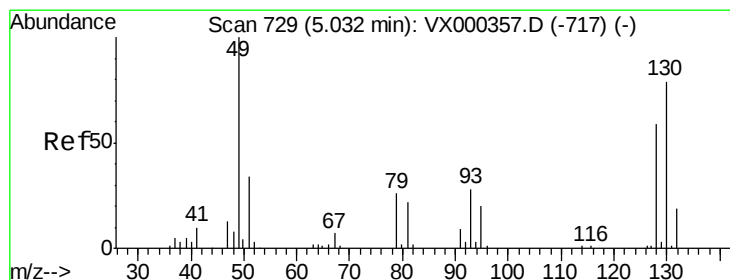
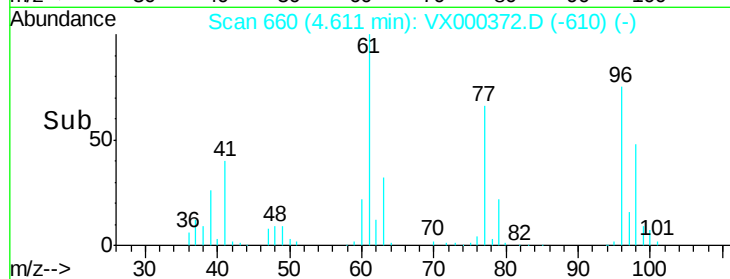
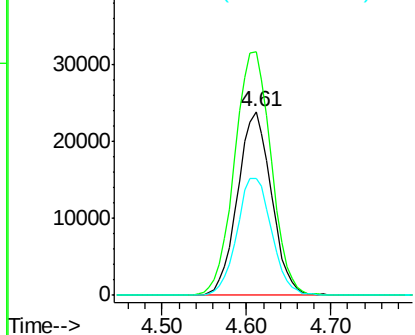
cis-1,2-Dichloroethene
 Concen: 47.74 ug/l
 RT: 4.61 min Scan# 660
 Delta R.T. 0.01 min
 Lab File: VX000372.D
 Acq: 20 Mar 2018 20:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 64786
 Ion Ratio Lower Upper
 96 100
 61 144.1 0.0 291.6
 98 65.6 0.0 132.0



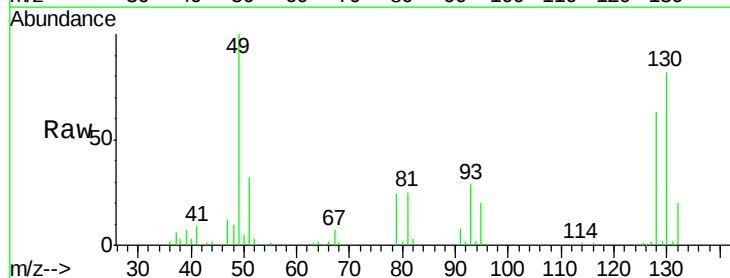
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



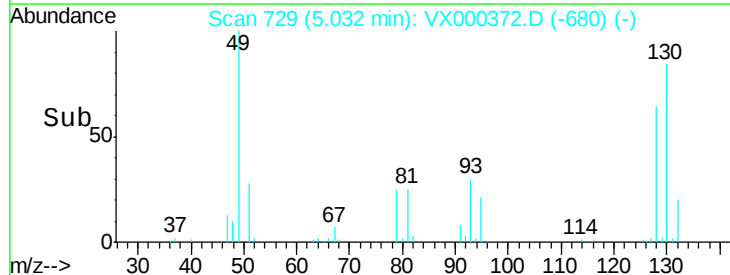
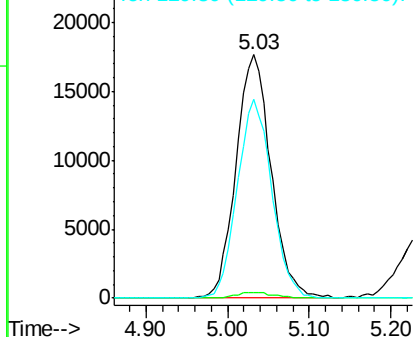
#28

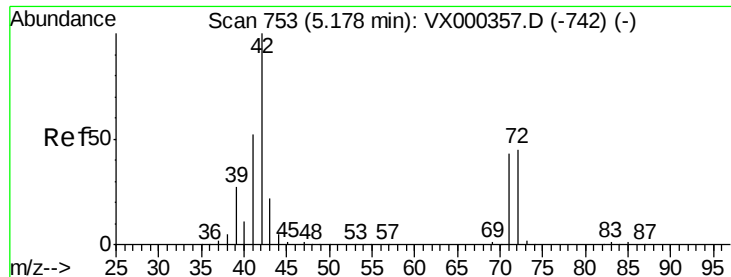
Bromochloromethane
 Concen: 49.81 ug/l
 RT: 5.03 min Scan# 729
 Delta R.T. -0.00 min
 Lab File: VX000372.D
 Acq: 20 Mar 2018 20:35

Tgt Ion: 49 Resp: 52546
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 5.0
 130 80.5 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

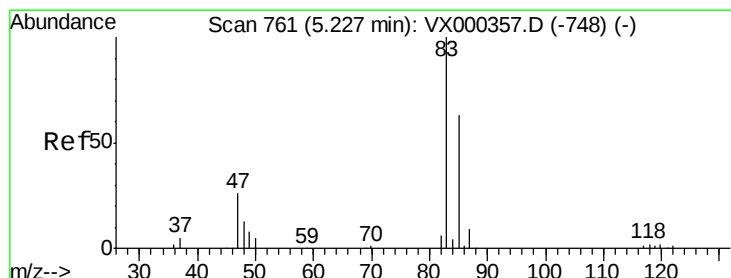
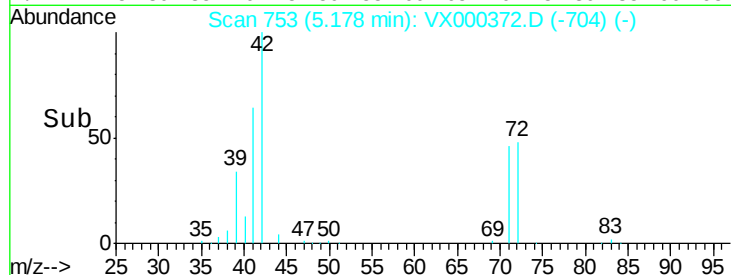
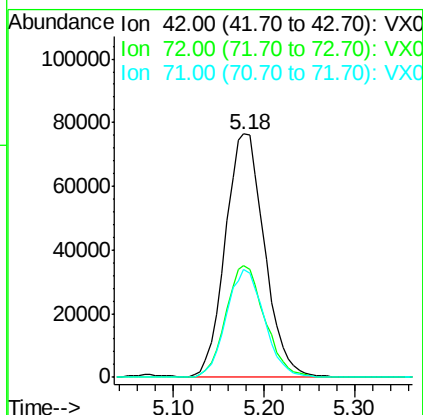
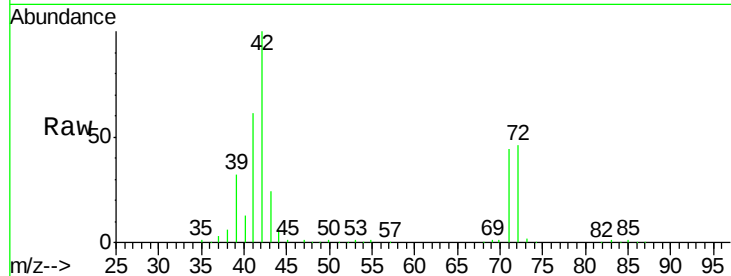




#29
Tetrahydrofuran
Concen: 252.63 ug/l
RT: 5.18 min Scan# 753
Delta R.T. -0.00 min
Lab File: VX000372.D
Acq: 20 Mar 2018 20:35

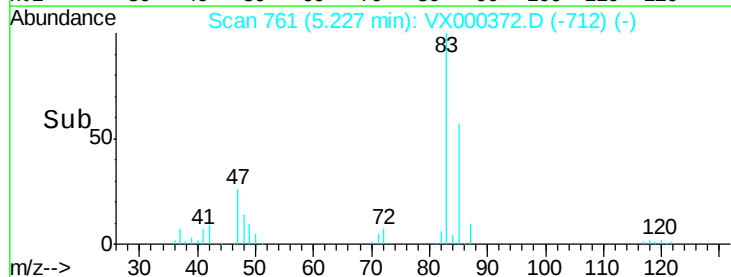
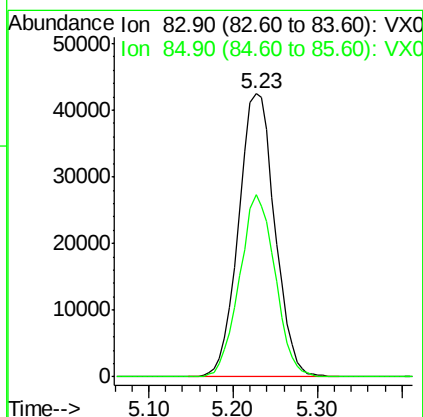
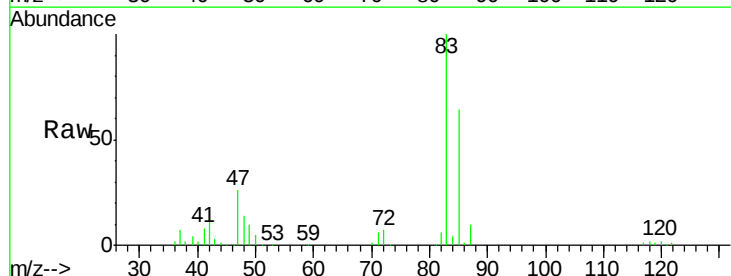
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

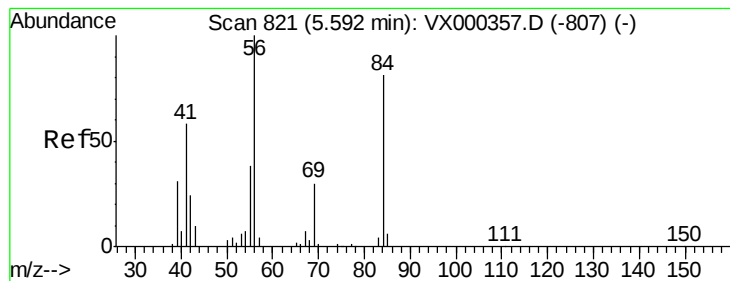
Tgt Ion: 42 Resp: 227825
Ion Ratio Lower Upper
42 100
72 45.9 37.9 56.9
71 43.4 34.4 51.6



#30
Chloroform
Concen: 51.53 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000372.D
Acq: 20 Mar 2018 20:35

Tgt Ion: 83 Resp: 123553
Ion Ratio Lower Upper
83 100
85 64.3 53.3 79.9





#31

Cyclohexane

Concen: 48.25 ug/l

RT: 5.59 min Scan# 820

Delta R.T. -0.01 min

Lab File: VX000372.D

Acq: 20 Mar 2018 20:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

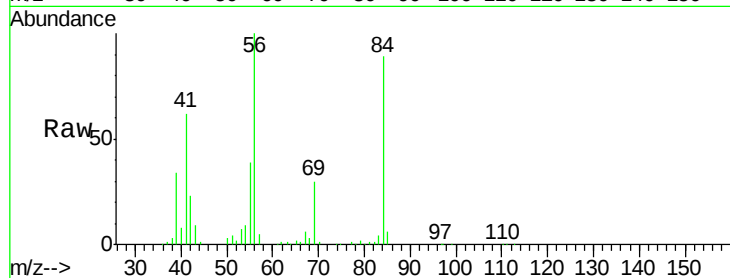
Tgt Ion: 56 Resp: 95417

Ion Ratio Lower Upper

56 100

69 29.8 23.4 35.0

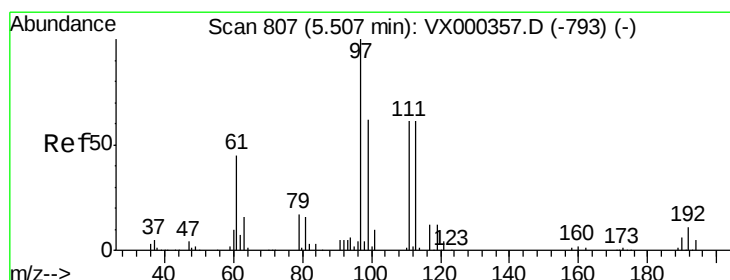
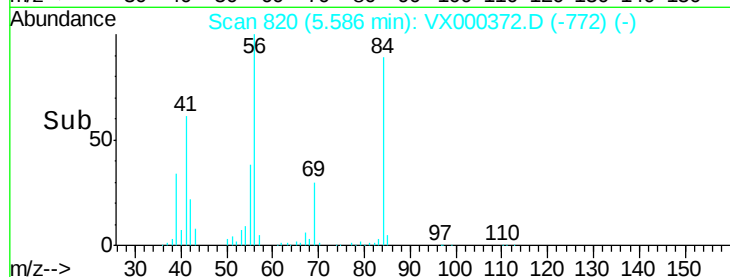
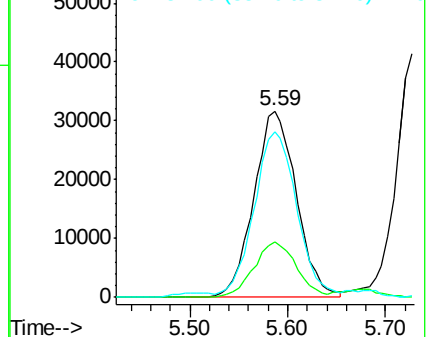
84 86.2 71.0 106.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 49.89 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX000372.D

Acq: 20 Mar 2018 20:35

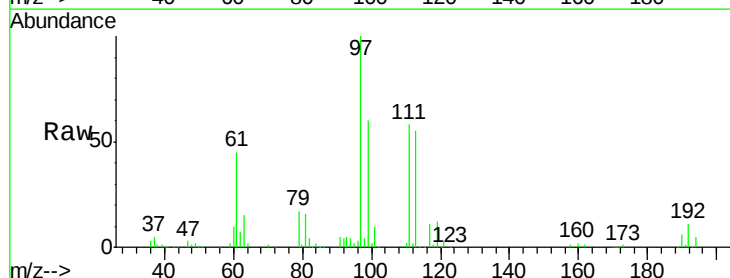
Tgt Ion: 97 Resp: 107897

Ion Ratio Lower Upper

97 100

99 64.5 52.1 78.1

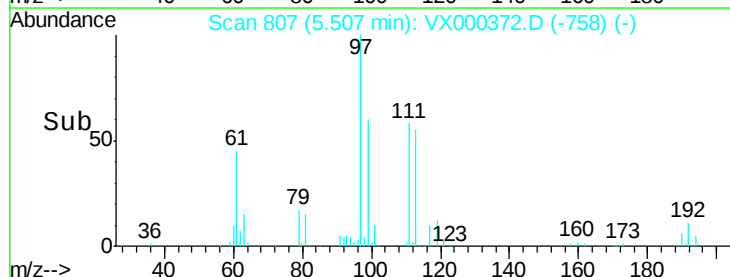
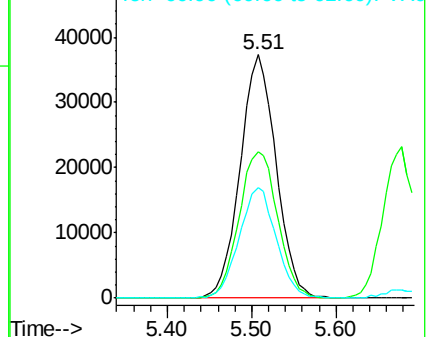
61 46.7 36.2 54.4



Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

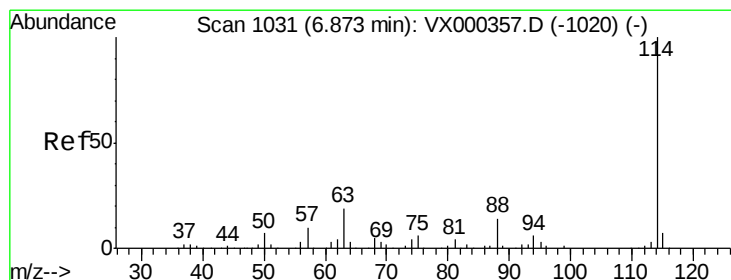
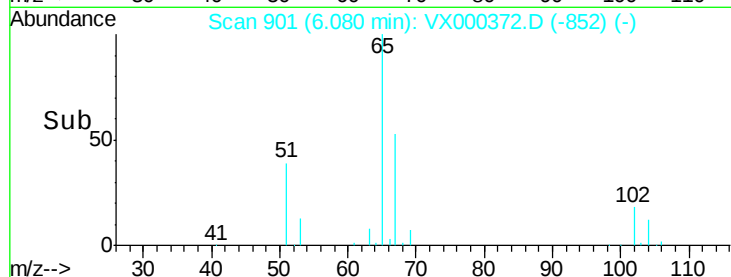
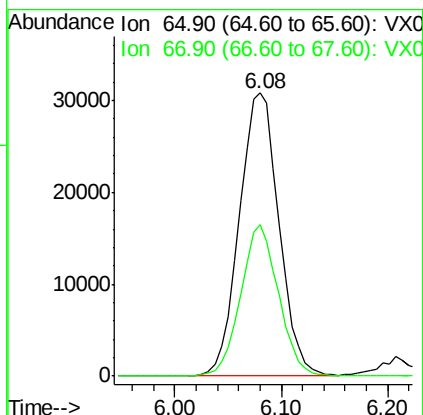
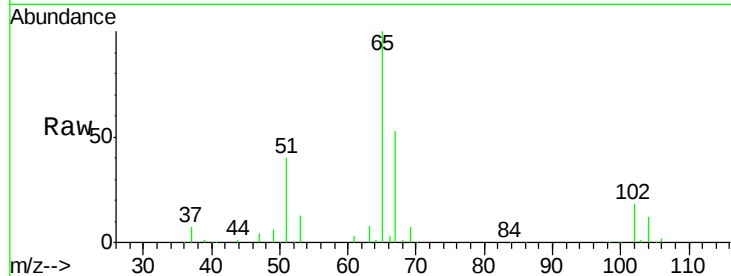




#33
 1,2-Dichloroethane-d4
 Concen: 51.44 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: VX000372.D
 Acq: 20 Mar 2018 20:35

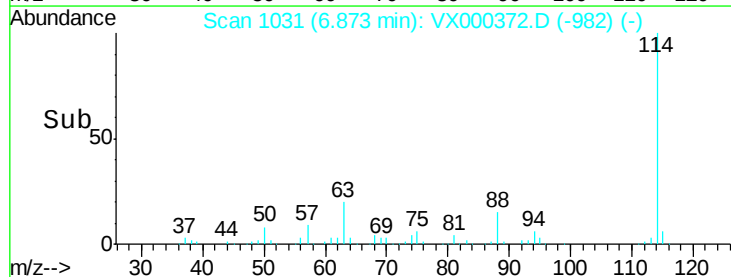
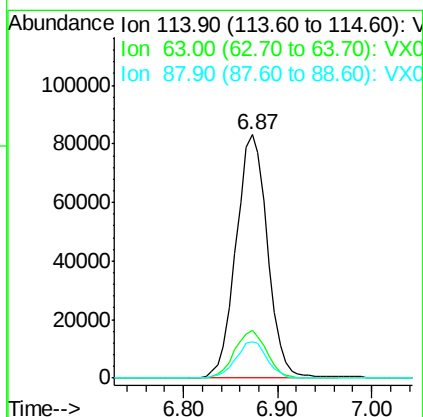
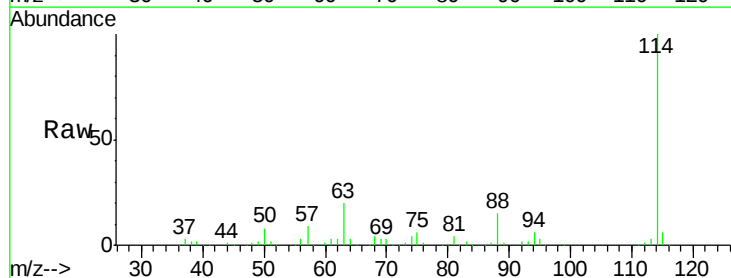
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

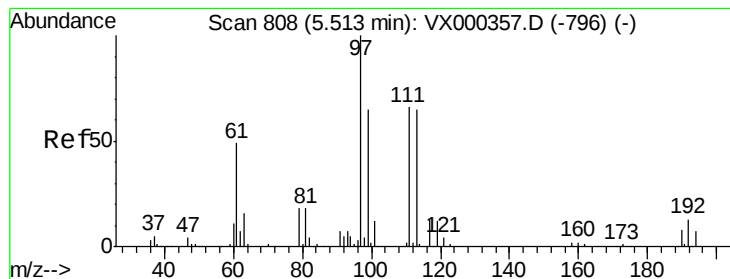
Tgt Ion: 65 Resp: 80628
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000372.D
 Acq: 20 Mar 2018 20:35

Tgt Ion: 114 Resp: 194305
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 38.4
 88 14.8 0.0 27.0





#35

Dibromofluoromethane

Concen: 51.66 ug/l

RT: 5.52 min Scan# 809

Delta R.T. 0.01 min

Lab File: VX000372.D

Acq: 20 Mar 2018 20:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

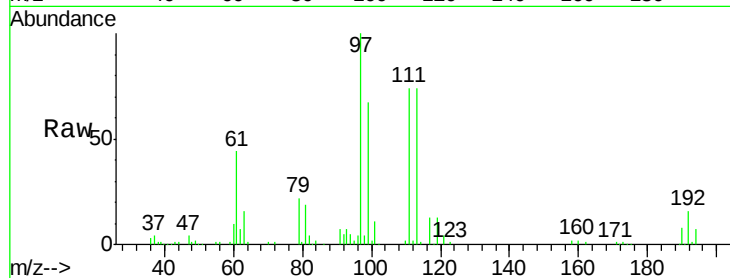
Tgt Ion:113 Resp: 63252

Ion Ratio Lower Upper

113 100

111 103.1 82.4 123.6

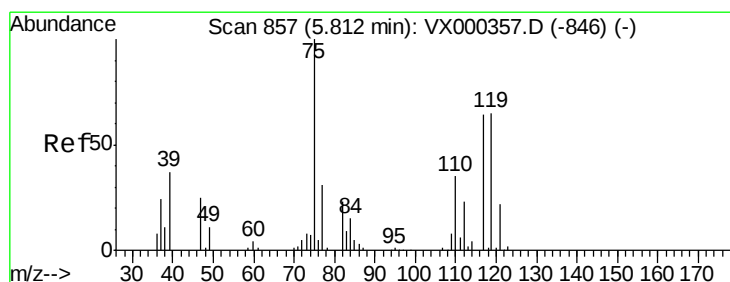
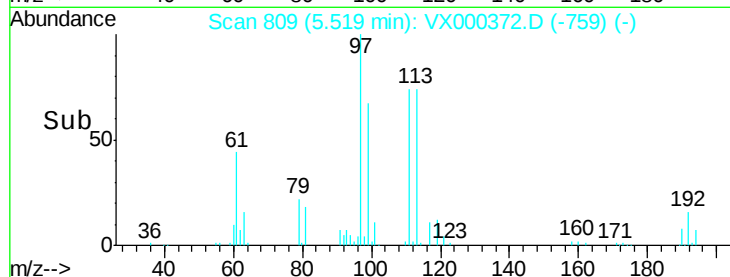
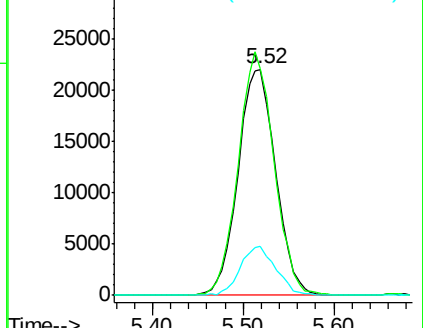
192 20.5 15.8 23.6



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: 48.58 ug/l

RT: 5.81 min Scan# 857

Delta R.T. -0.00 min

Lab File: VX000372.D

Acq: 20 Mar 2018 20:35

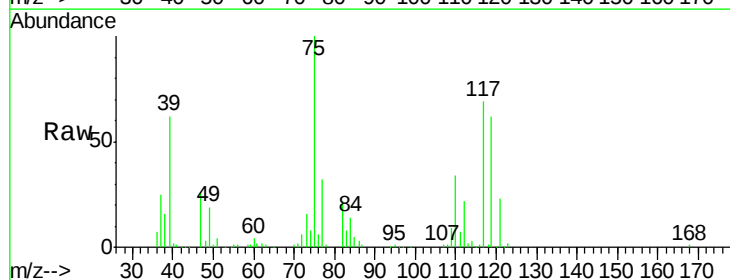
Tgt Ion: 75 Resp: 88413

Ion Ratio Lower Upper

75 100

110 35.1 17.9 53.7

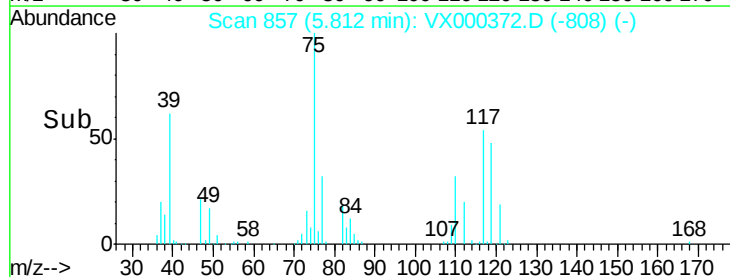
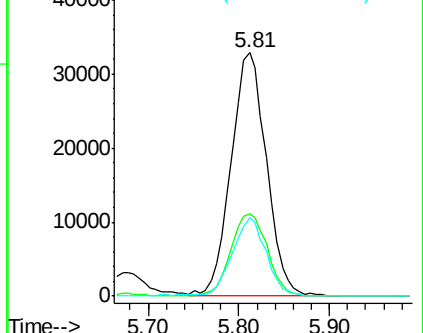
77 31.3 24.0 36.0

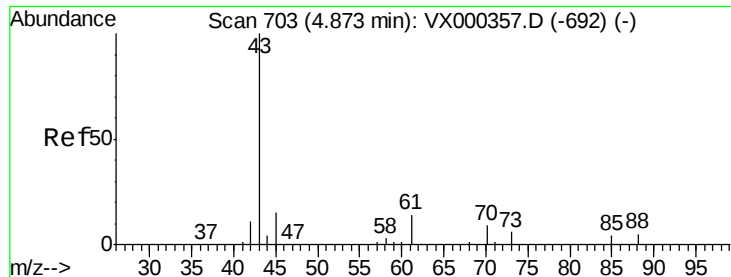


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

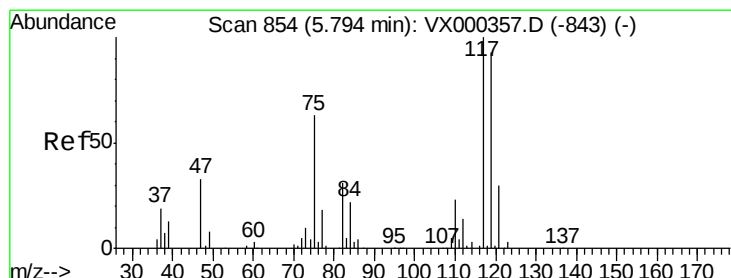
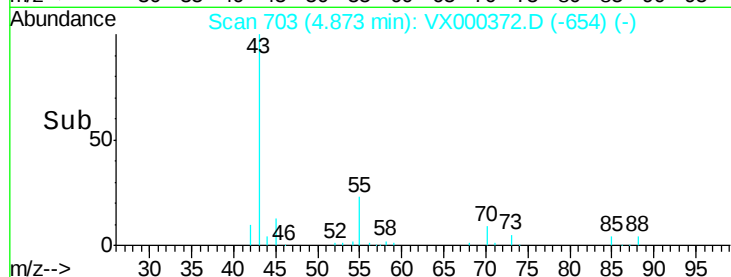
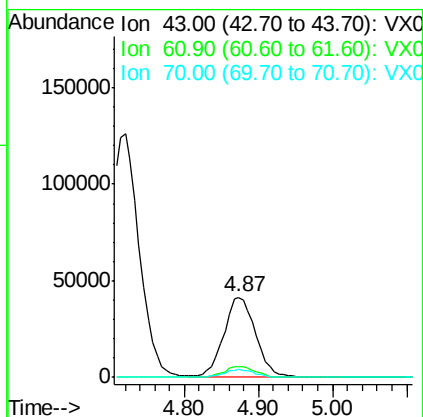
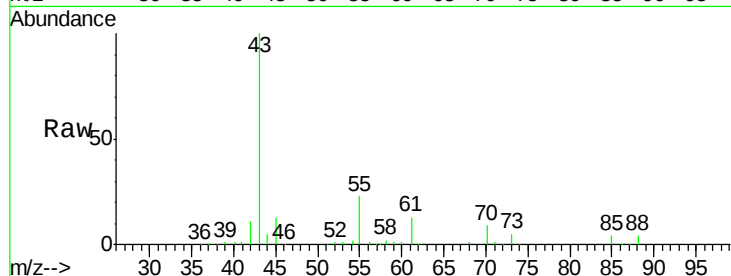




#37
Ethyl Acetate
Concen: 49.42 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX000372.D
Acq: 20 Mar 2018 20:35

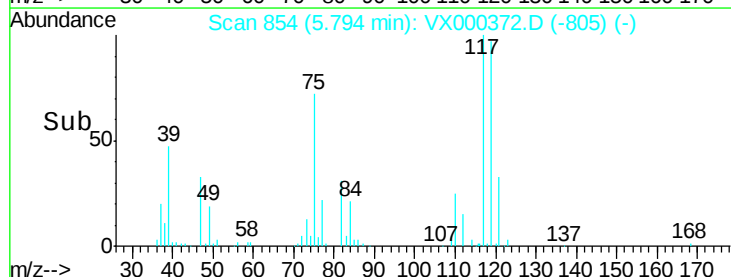
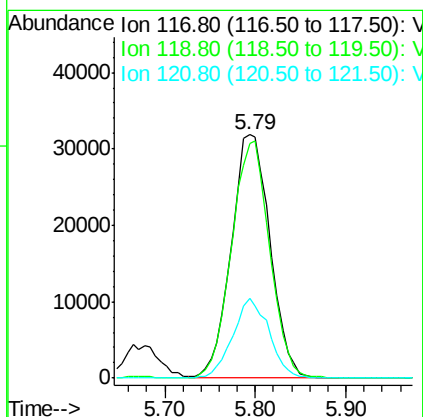
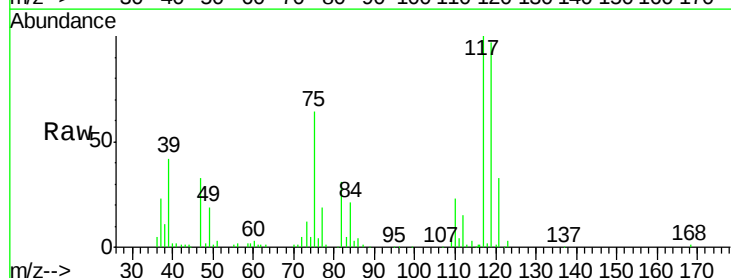
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

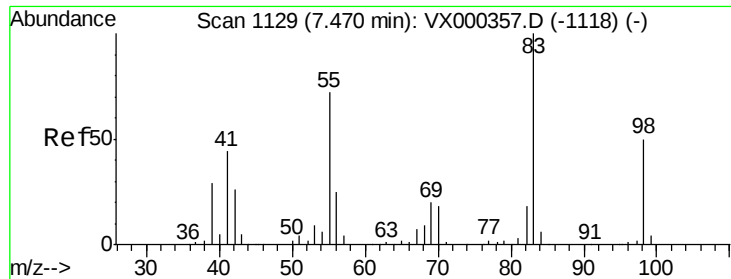
Tgt Ion: 43 Resp: 122877
Ion Ratio Lower Upper
43 100
61 13.6 11.1 16.7
70 9.2 7.7 11.5



#38
Carbon Tetrachloride
Concen: 49.66 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000372.D
Acq: 20 Mar 2018 20:35

Tgt Ion: 117 Resp: 94825
Ion Ratio Lower Upper
117 100
119 96.6 77.4 116.2
121 32.8 24.8 37.2

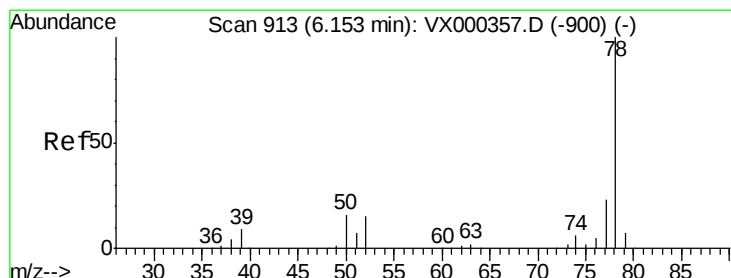
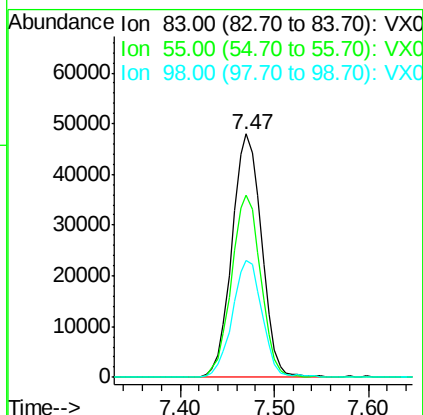
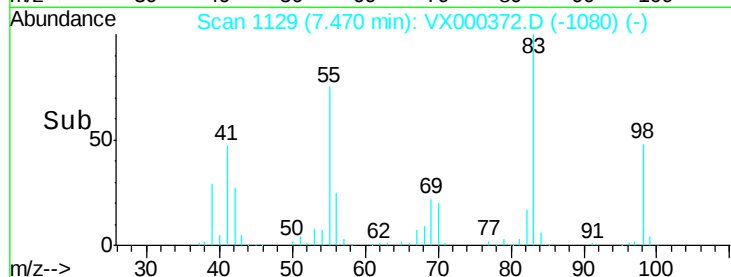
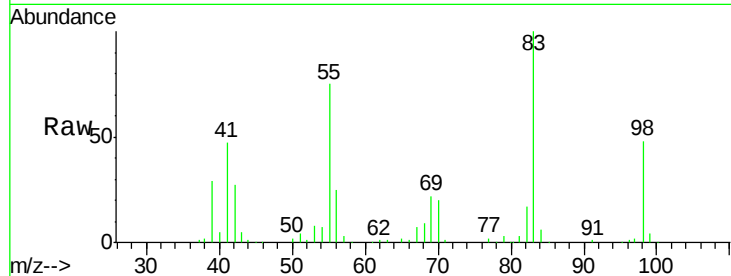




#39
Methylcyclohexane
Concen: 47.65 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000372.D
Acq: 20 Mar 2018 20:35

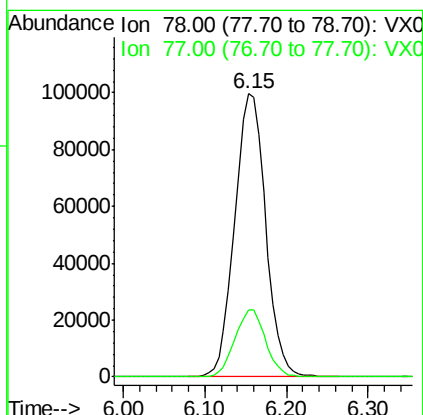
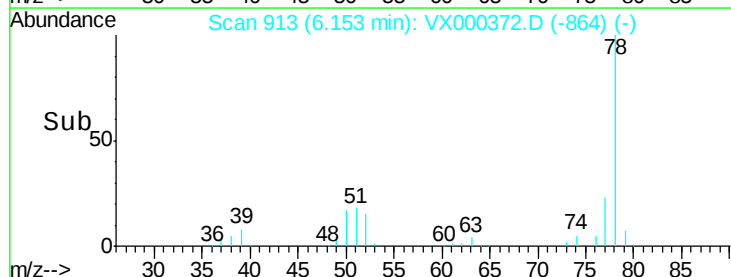
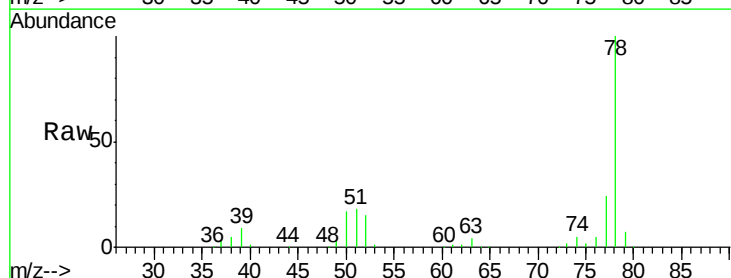
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

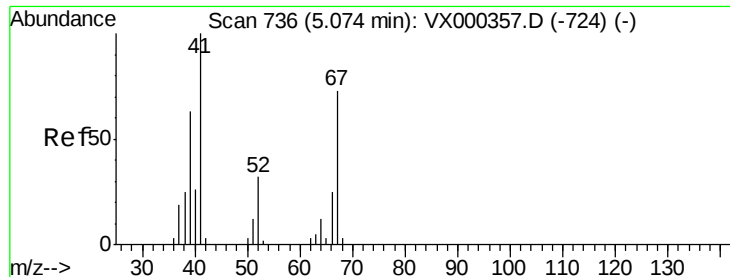
Tgt Ion: 83 Resp: 105479
Ion Ratio Lower Upper
83 100
55 74.8 55.5 83.3
98 47.9 38.2 57.4



#40
Benzene
Concen: 49.61 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000372.D
Acq: 20 Mar 2018 20:35

Tgt Ion: 78 Resp: 262225
Ion Ratio Lower Upper
78 100
77 23.8 18.7 28.1





#41

Methacrylonitrile

Concen: 48.71 ug/l

RT: 5.07 min Scan# 736

Delta R.T. -0.00 min

Lab File: VX000372.D

Acq: 20 Mar 2018 20:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 63851

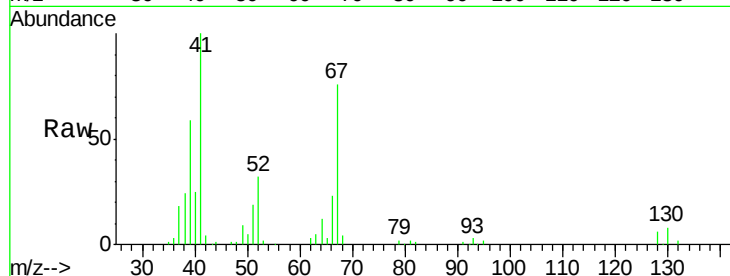
Ion Ratio Lower Upper

41 100

39 58.2 45.7 68.5

67 74.8 57.8 86.8

52 32.1 26.7 40.1

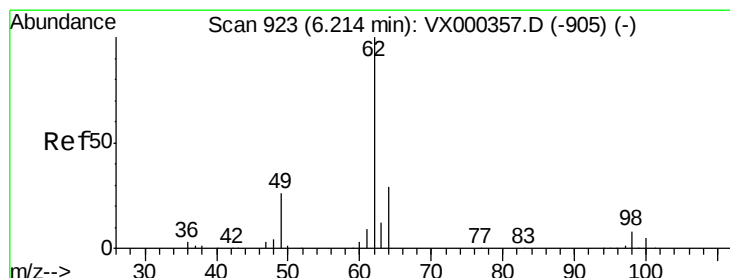
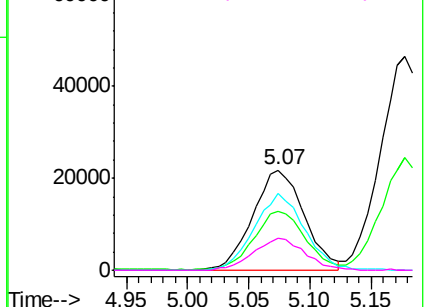
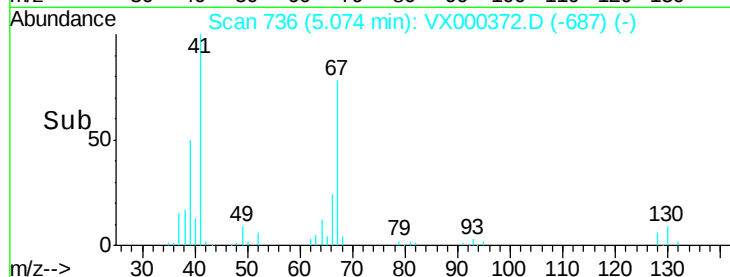


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 49.57 ug/l

RT: 6.21 min Scan# 922

Delta R.T. -0.01 min

Lab File: VX000372.D

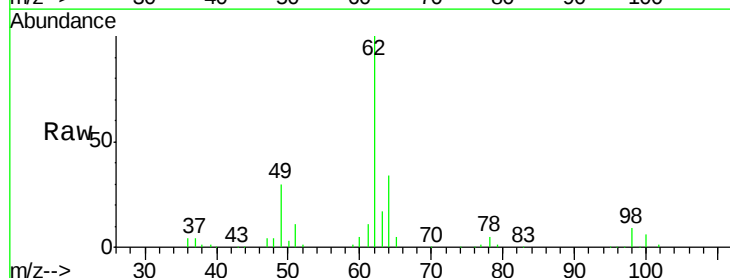
Acq: 20 Mar 2018 20:35

Tgt Ion: 62 Resp: 102802

Ion Ratio Lower Upper

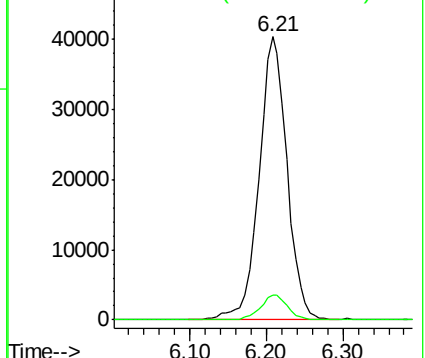
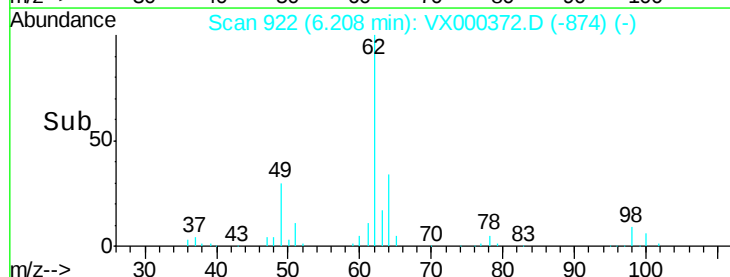
62 100

98 8.6 0.0 15.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 51.20 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX000372.D

Acq: 20 Mar 2018 20:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

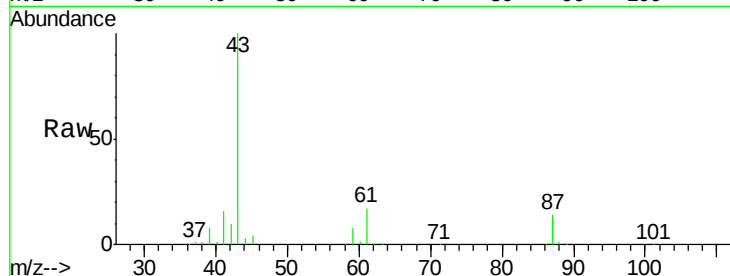
Tgt Ion: 43 Resp: 189478

Ion Ratio Lower Upper

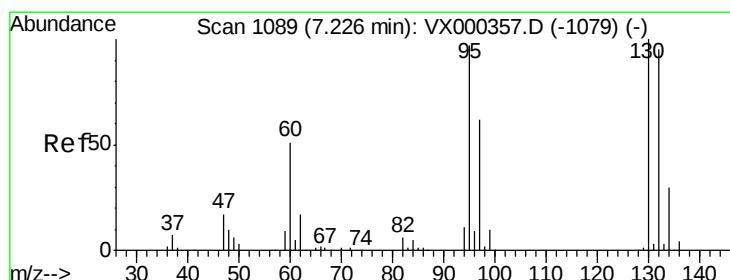
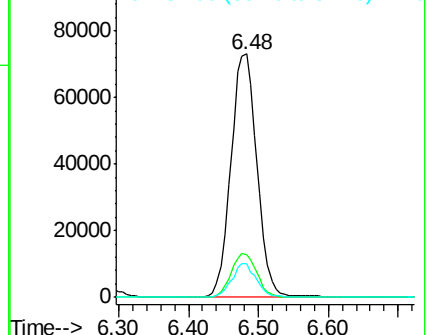
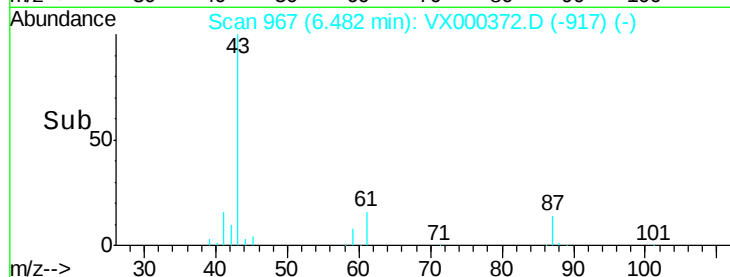
43 100

61 17.7 14.4 21.6

87 12.8 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VX000372.D (-917) (-)



#44

Trichloroethene

Concen: 48.55 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.01 min

Lab File: VX000372.D

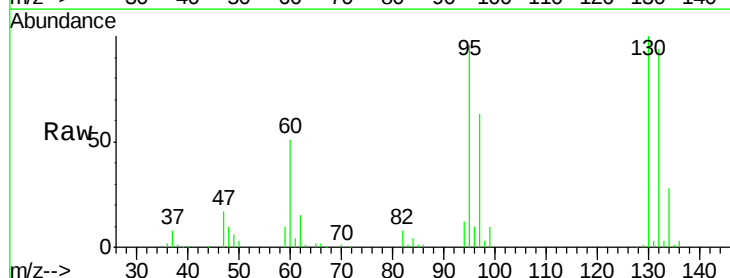
Acq: 20 Mar 2018 20:35

Tgt Ion: 130 Resp: 73523

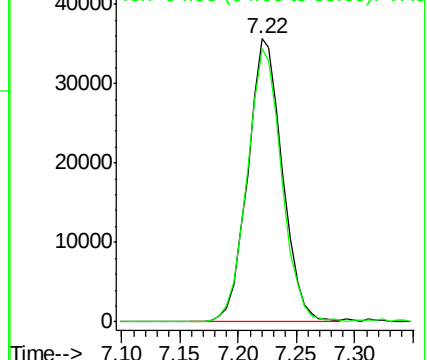
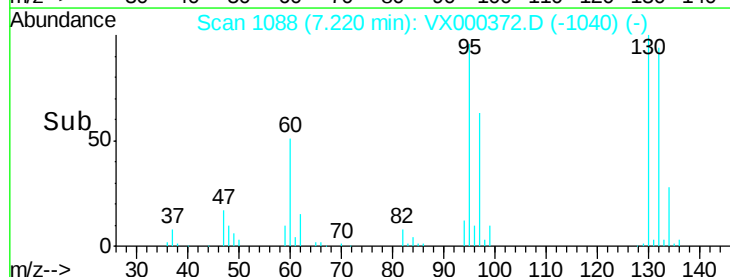
Ion Ratio Lower Upper

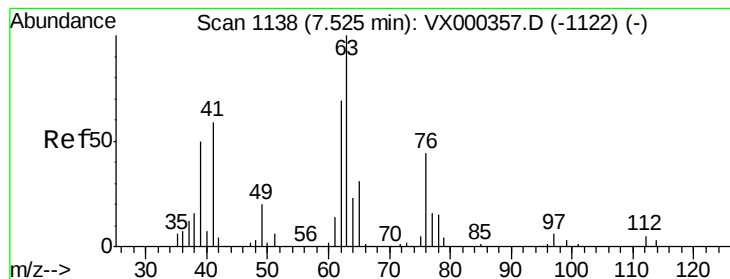
130 100

95 96.3 0.0 186.0



Abundance Ion 129.80 (129.50 to 130.50): VX000372.D (-1040) (-)





#45

1,2-Dichloropropane

Concen: 50.37 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VX000372.D

Acq: 20 Mar 2018 20:35

Instrument :

MSVOA_X

ClientSampleId :

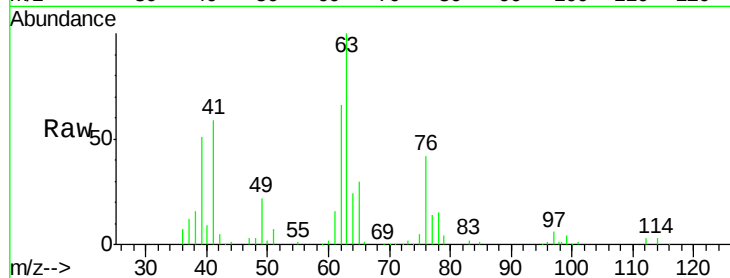
VSTDCCC050EC

Tgt Ion: 63 Resp: 68152

Ion Ratio Lower Upper

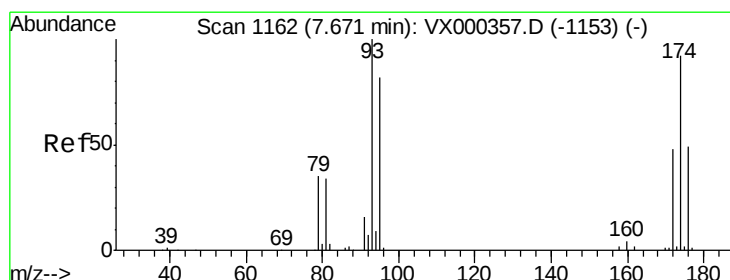
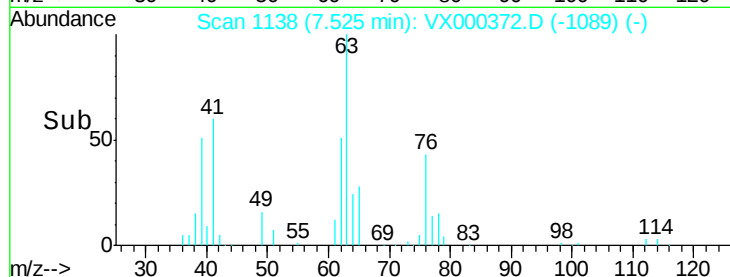
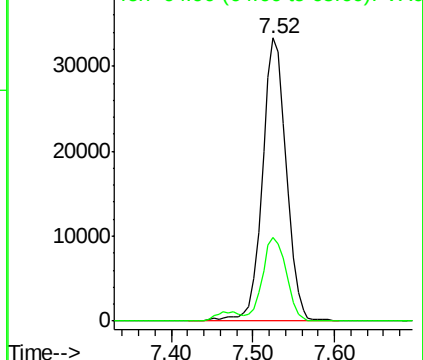
63 100

65 29.6 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 48.05 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. -0.00 min

Lab File: VX000372.D

Acq: 20 Mar 2018 20:35

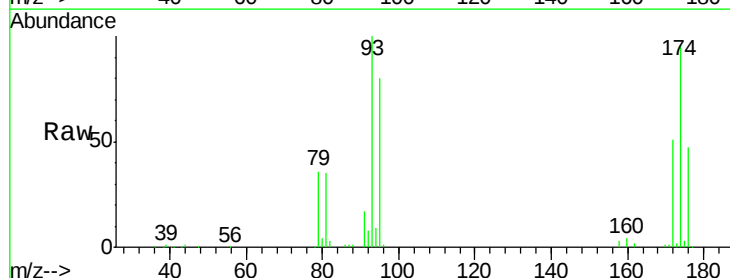
Tgt Ion: 93 Resp: 51026

Ion Ratio Lower Upper

93 100

95 82.4 66.5 99.7

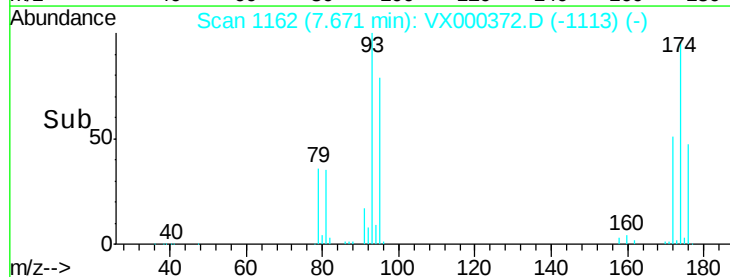
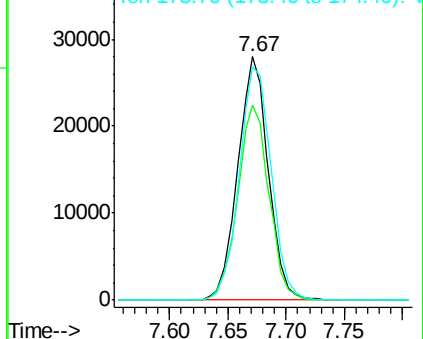
174 100.6 76.0 114.0

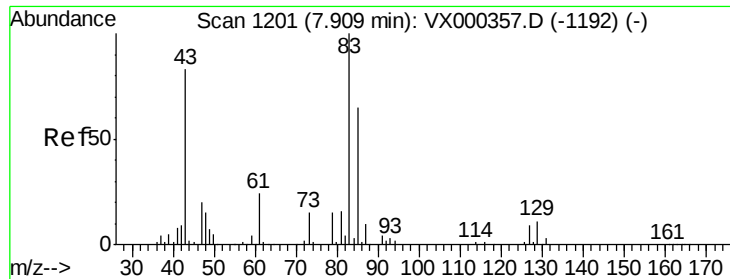


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 52.23 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000372.D

Acq: 20 Mar 2018 20:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

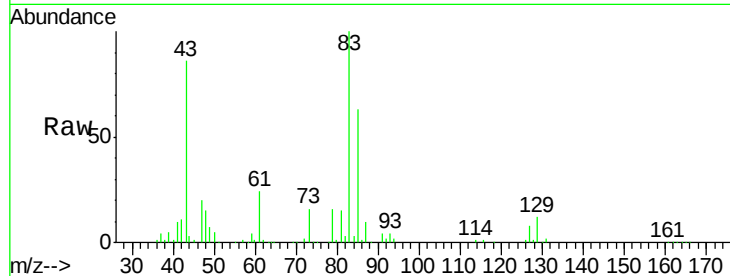
Tgt Ion: 83 Resp: 97581

Ion Ratio Lower Upper

83 100

85 63.1 51.4 77.0

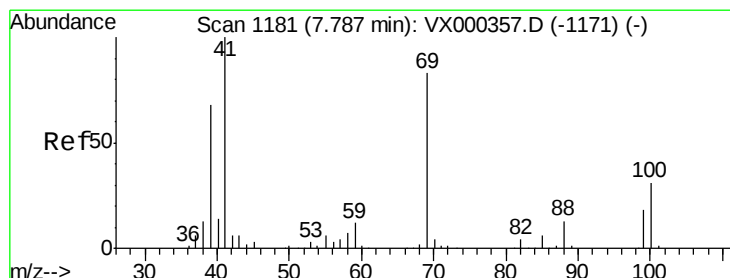
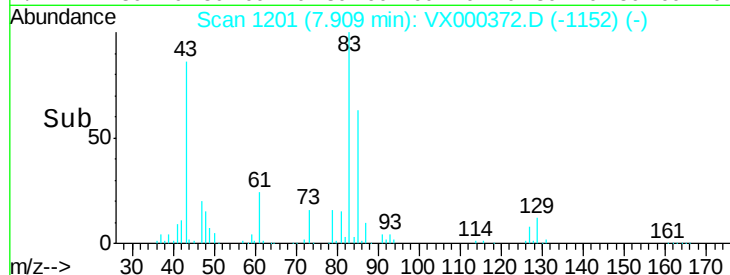
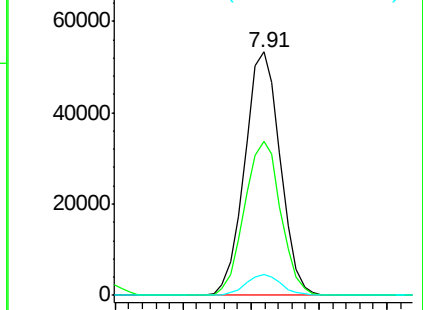
127 8.4 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 51.59 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX000372.D

Acq: 20 Mar 2018 20:35

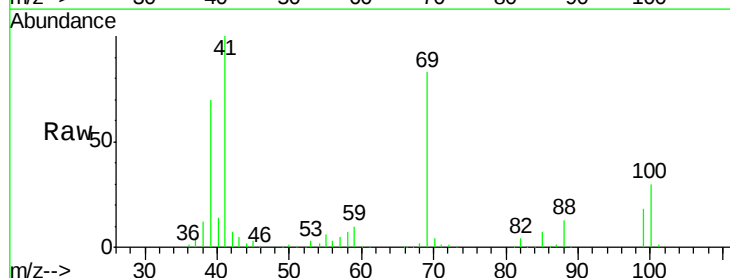
Tgt Ion: 41 Resp: 92685

Ion Ratio Lower Upper

41 100

69 82.5 68.2 102.4

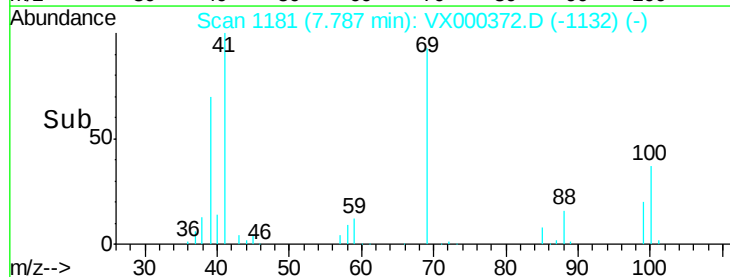
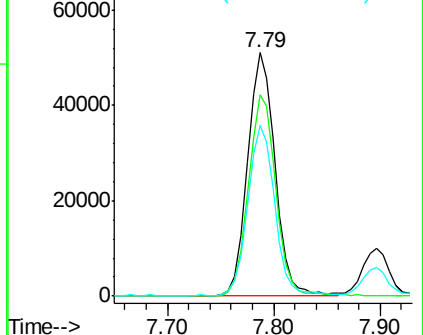
39 68.2 54.6 81.8

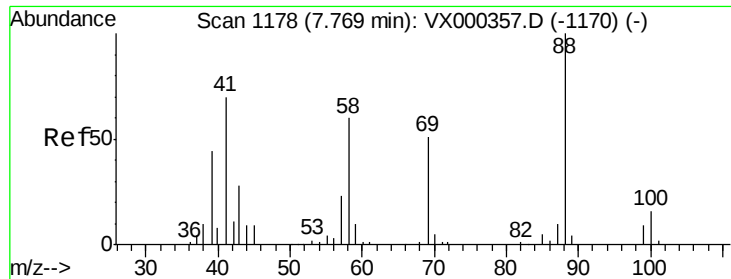


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

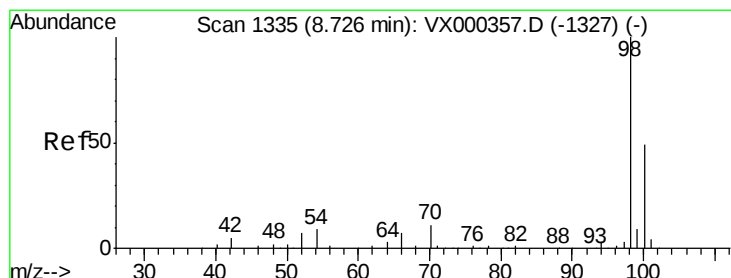
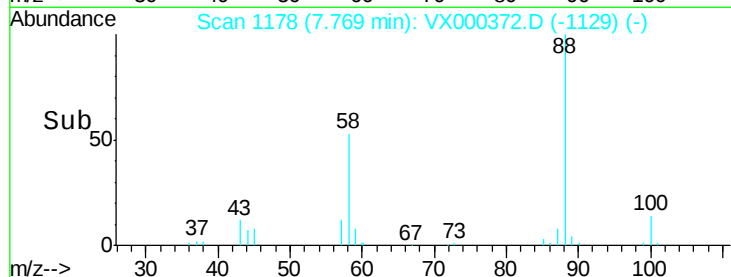
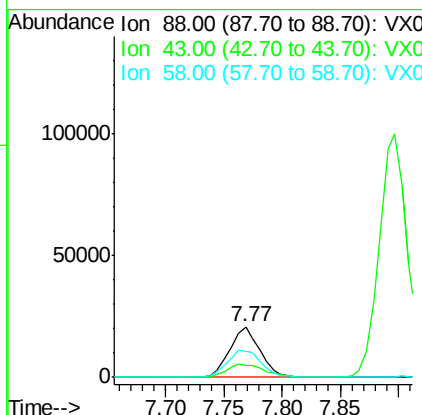
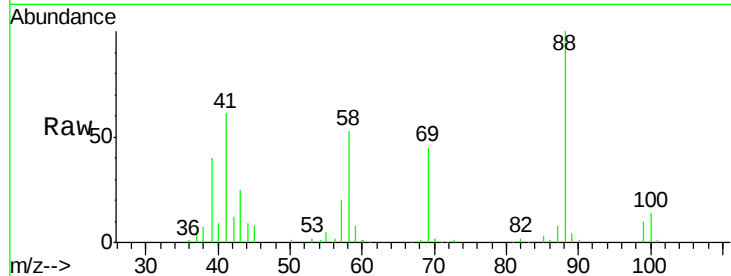




#49
 1,4-Dioxane
 Concen: 991.37 ug/l
 RT: 7.77 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: VX000372.D
 Acq: 20 Mar 2018 20:35

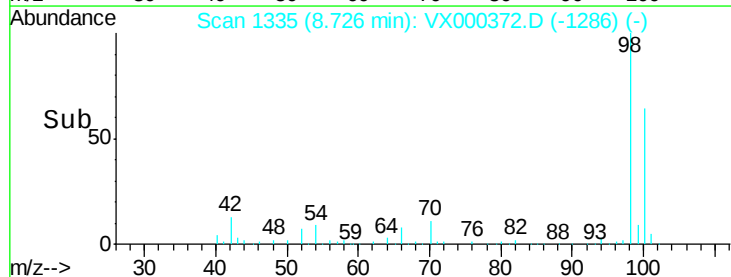
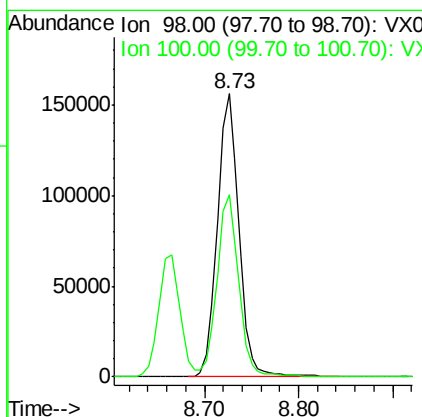
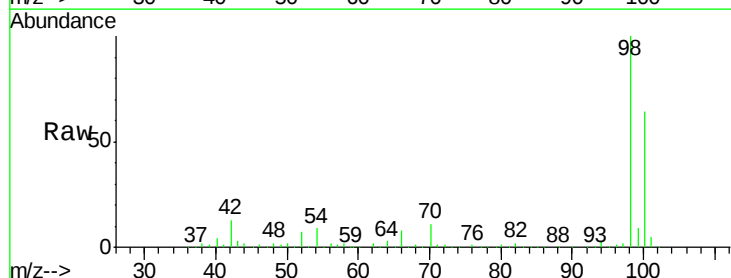
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

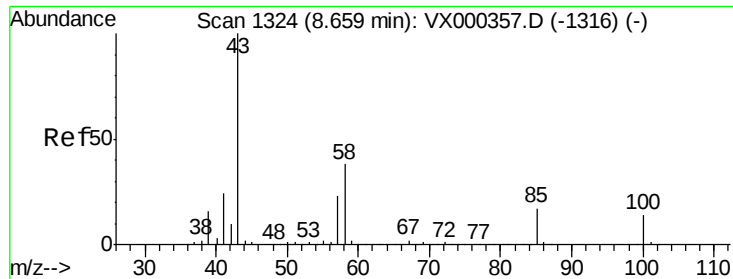
Tgt Ion: 88 Resp: 37440
 Ion Ratio Lower Upper
 88 100
 43 33.2 26.8 40.2
 58 60.9 52.2 78.2



#50
 Toluene-d8
 Concen: 48.78 ug/l
 RT: 8.73 min Scan# 1335
 Delta R.T. -0.00 min
 Lab File: VX000372.D
 Acq: 20 Mar 2018 20:35

Tgt Ion: 98 Resp: 247333
 Ion Ratio Lower Upper
 98 100
 100 63.8 51.2 76.8

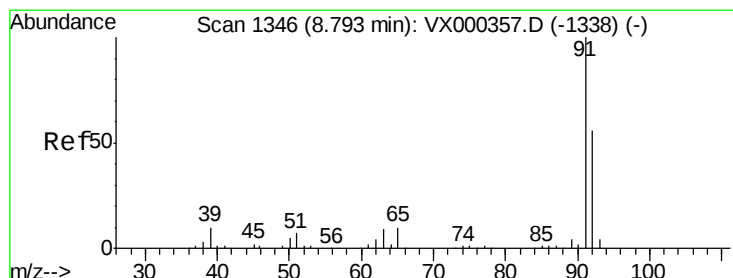
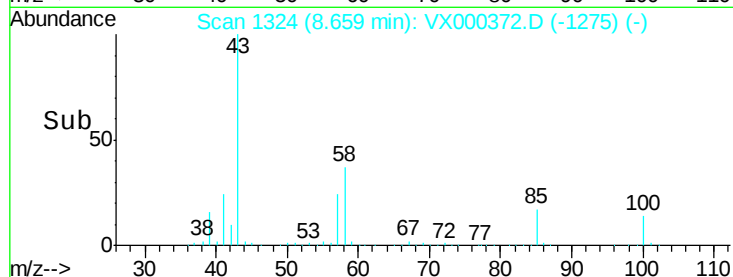
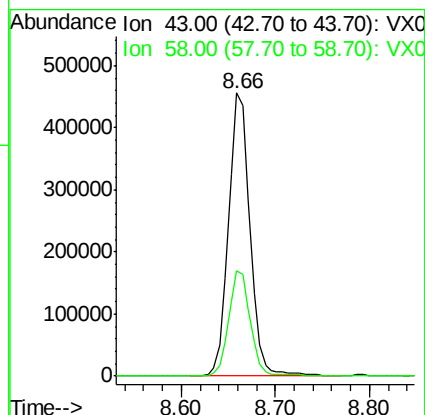
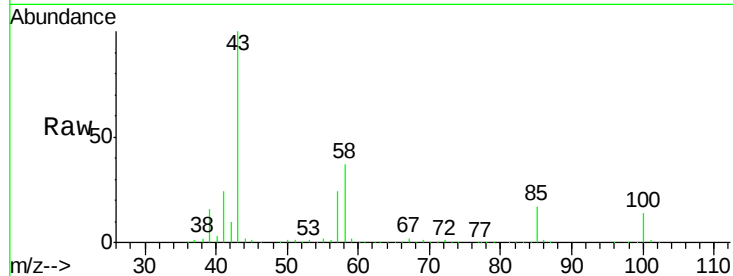




#51
 4-Methyl-2-Pentanone
 Concen: 252.35 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX000372.D
 Acq: 20 Mar 2018 20:35

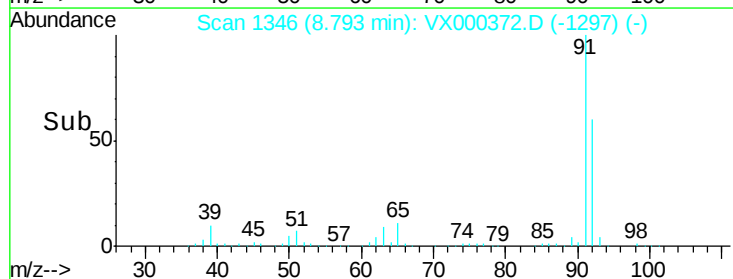
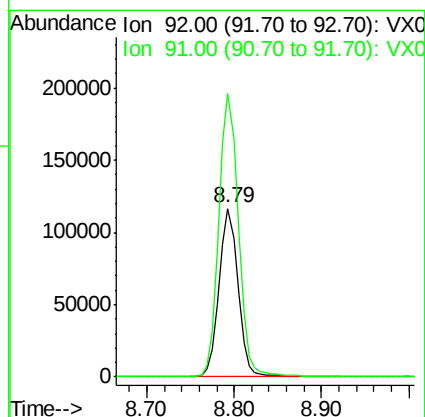
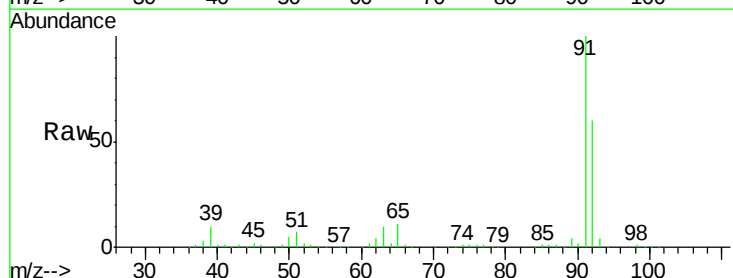
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

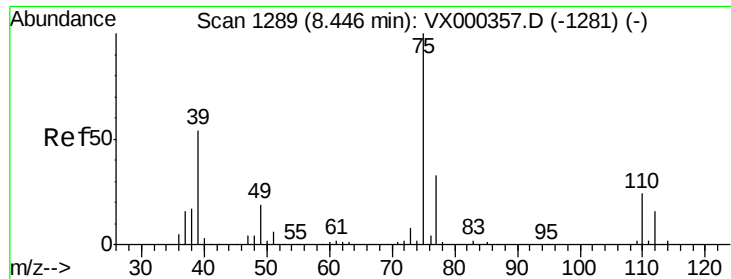
Tgt Ion: 43 Resp: 722858
 Ion Ratio Lower Upper
 43 100
 58 37.1 30.3 45.5



#52
 Toluene
 Concen: 47.91 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: VX000372.D
 Acq: 20 Mar 2018 20:35

Tgt Ion: 92 Resp: 177045
 Ion Ratio Lower Upper
 92 100
 91 172.5 140.2 210.2





#53

t-1,3-Dichloropropene

Concen: 51.16 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX000372.D

Acq: 20 Mar 2018 20:35

Instrument :

MSVOA_X

ClientSampleId :

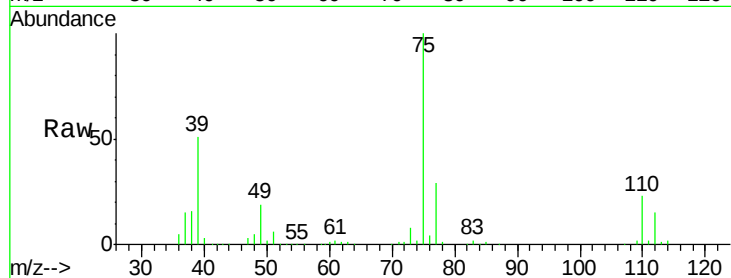
VSTDCCC050EC

Tgt Ion: 75 Resp: 110772

Ion Ratio Lower Upper

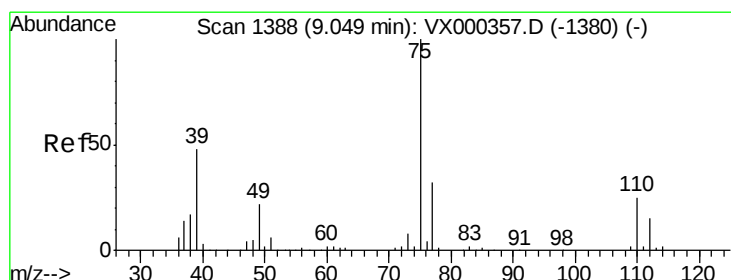
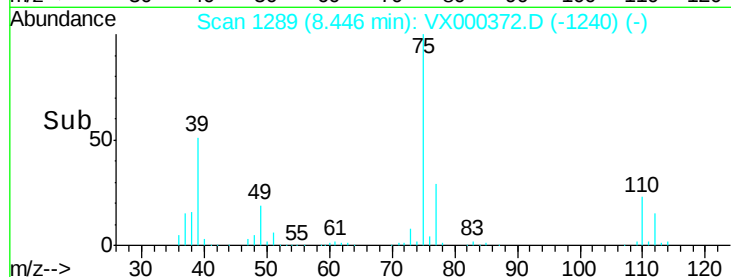
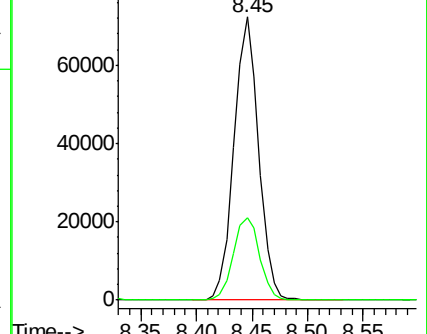
75 100

77 29.3 24.0 36.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 52.11 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000372.D

Acq: 20 Mar 2018 20:35

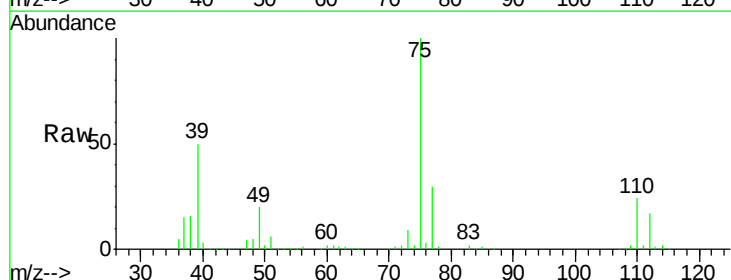
Tgt Ion: 75 Resp: 109434

Ion Ratio Lower Upper

75 100

77 29.9 26.1 39.1

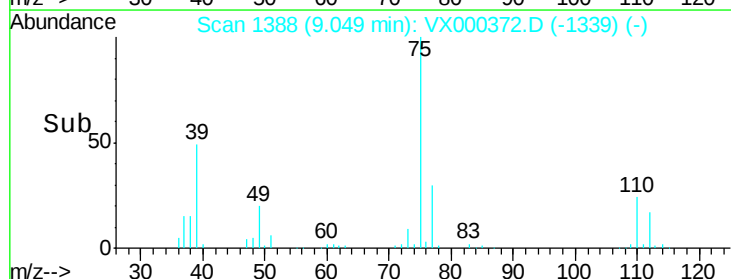
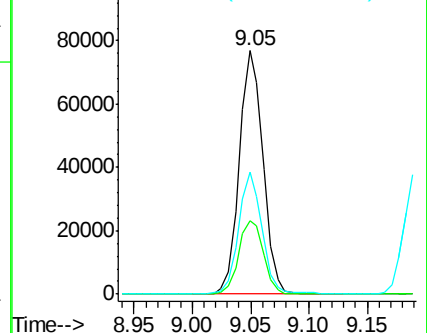
39 49.9 39.8 59.6

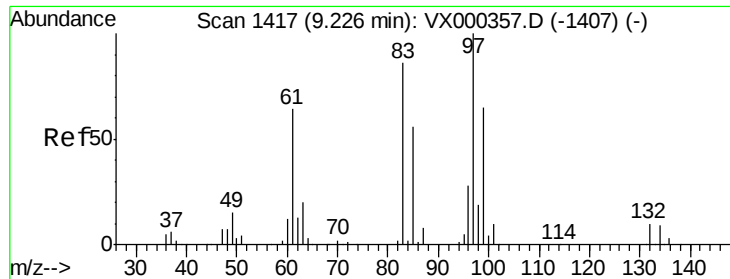


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

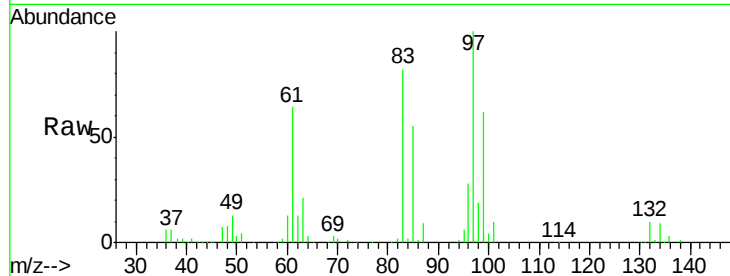




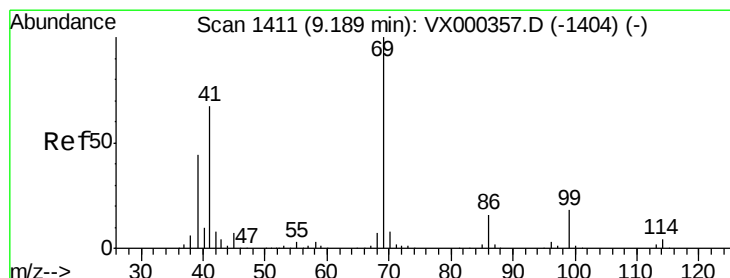
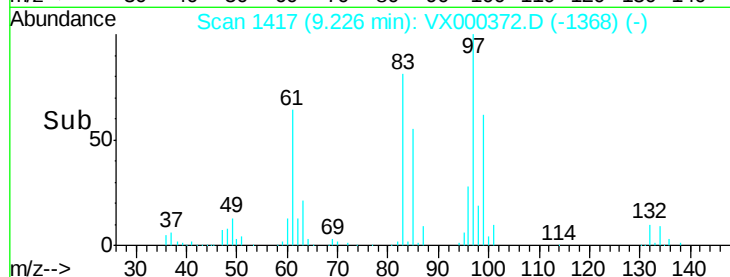
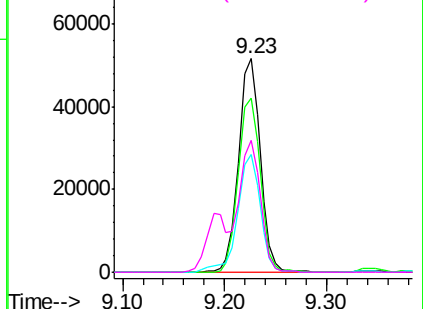
#55
 1,1,2-Trichloroethane
 Concen: 49.68 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000372.D
 Acq: 20 Mar 2018 20:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	75492
Ion	Ratio	Lower	Upper
97	100		
83	81.6	67.9	101.9
85	55.1	42.8	64.2
99	62.0	49.4	74.2

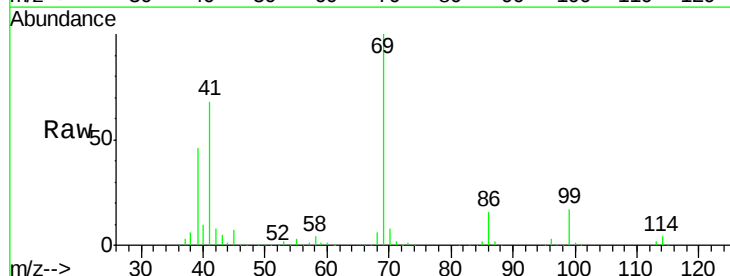


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

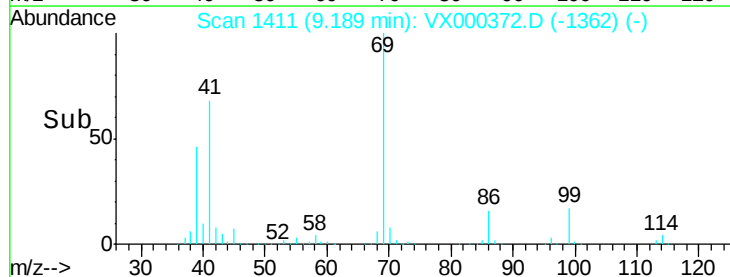
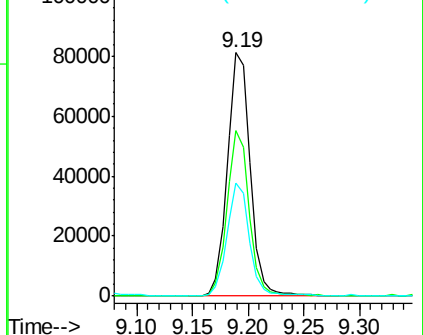


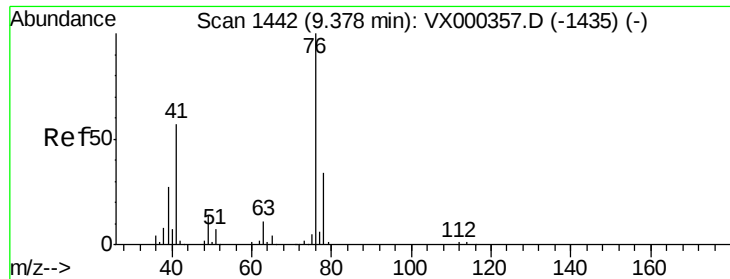
#56
 Ethyl methacrylate
 Concen: 50.09 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000372.D
 Acq: 20 Mar 2018 20:35

Tgt Ion:	69	Resp:	115344
Ion	Ratio	Lower	Upper
69	100		
41	66.4	53.0	79.6
39	45.4	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

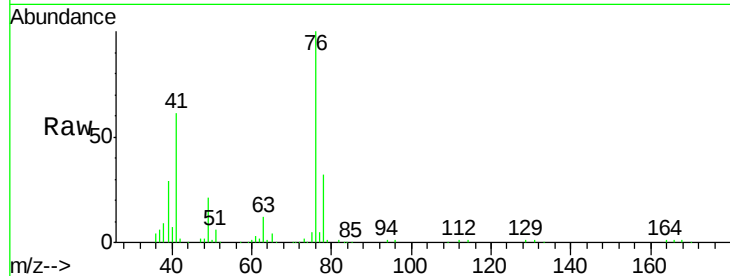




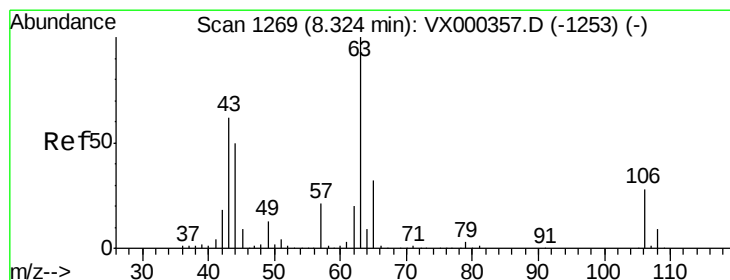
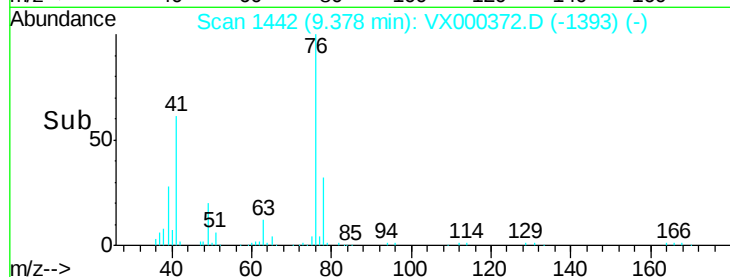
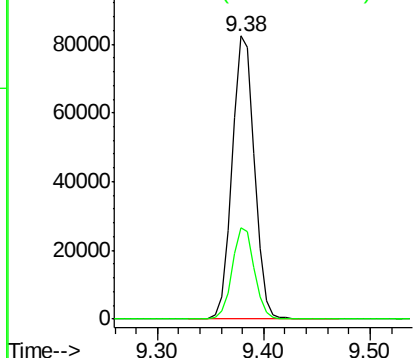
#57
 1,3-Dichloropropane
 Concen: 49.94 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX000372.D
 Acq: 20 Mar 2018 20:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 76 Resp: 121387
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.4 39.6

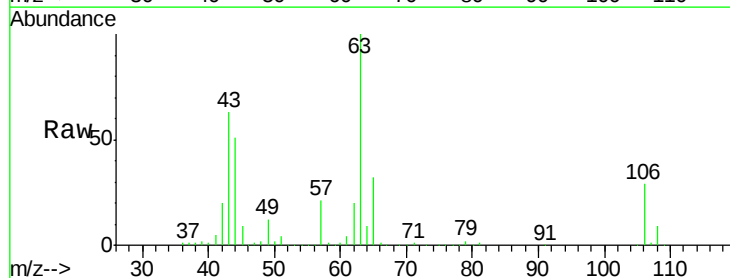


Abundance Ion 75.90 (75.60 to 76.60): VX0
 Ion 77.90 (77.60 to 78.60): VX0

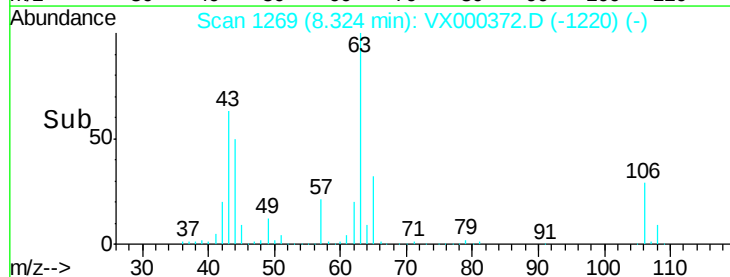
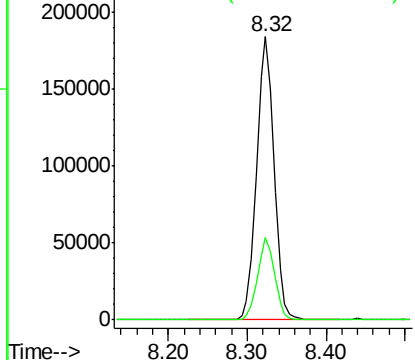


#58
 2-Chloroethyl Vinyl ether
 Concen: 257.38 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX000372.D
 Acq: 20 Mar 2018 20:35

Tgt Ion: 63 Resp: 284438
 Ion Ratio Lower Upper
 63 100
 106 28.5 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VX0
 Ion 105.90 (105.60 to 106.60): V

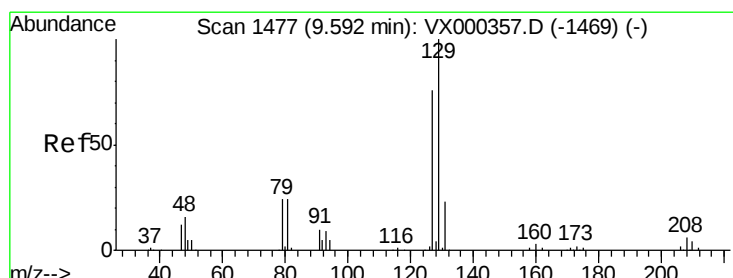
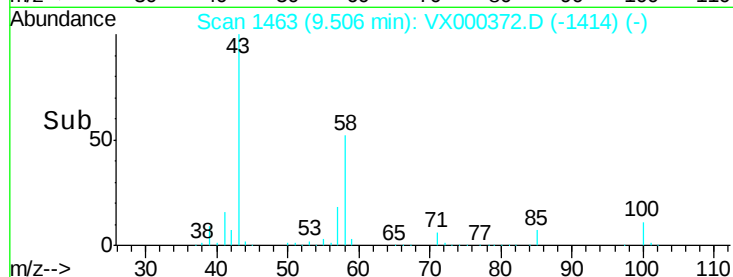
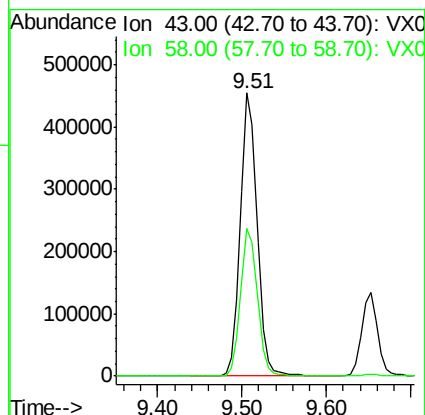
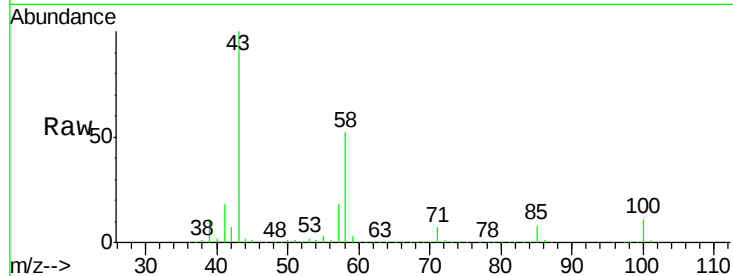




#59
2-Hexanone
Concen: 249.56 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000372.D
Acq: 20 Mar 2018 20:35

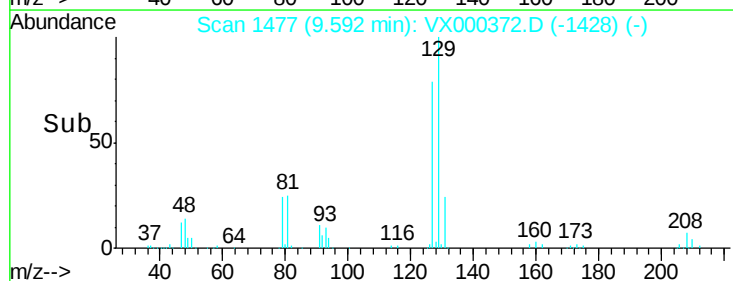
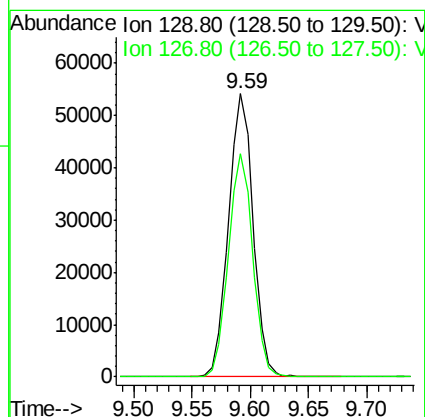
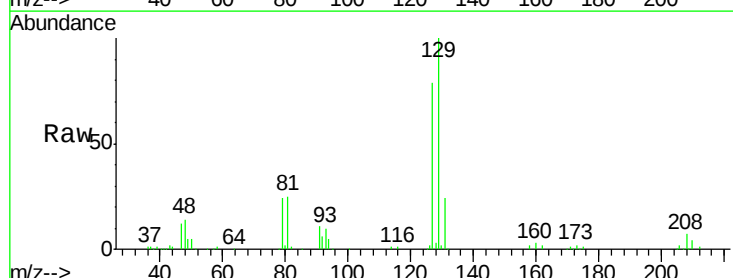
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

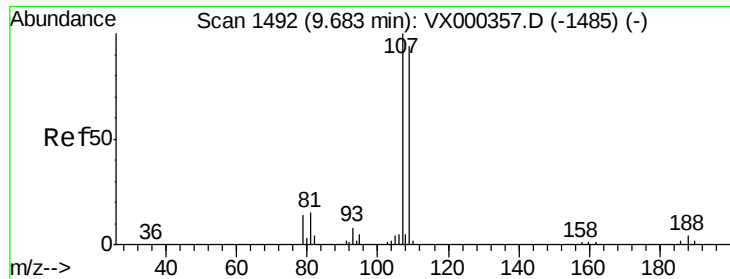
Tgt Ion: 43 Resp: 607009
Ion Ratio Lower Upper
43 100
58 52.8 26.6 79.7



#60
Dibromochloromethane
Concen: 44.66 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000372.D
Acq: 20 Mar 2018 20:35

Tgt Ion: 129 Resp: 79453
Ion Ratio Lower Upper
129 100
127 77.9 37.9 113.6





#61

1,2-Dibromoethane

Concen: 49.86 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000372.D

Acq: 20 Mar 2018 20:35

Instrument :

MSVOA_X

ClientSampleId :

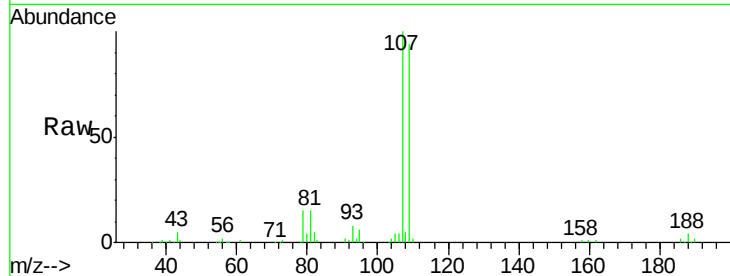
VSTDCCC050EC

Tgt Ion: 107 Resp: 81248

Ion Ratio Lower Upper

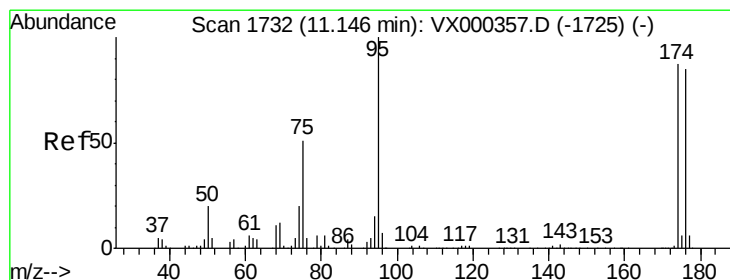
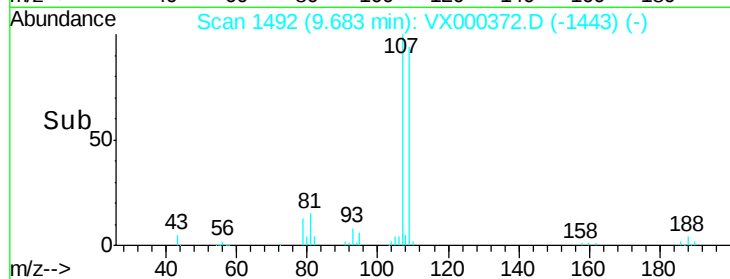
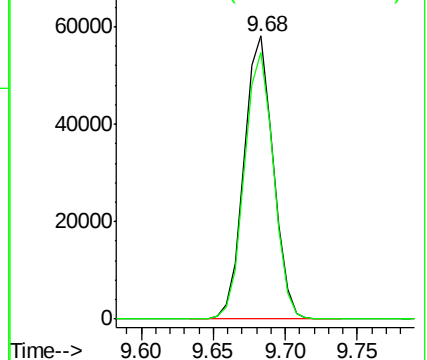
107 100

109 94.3 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: 45.21 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000372.D

Acq: 20 Mar 2018 20:35

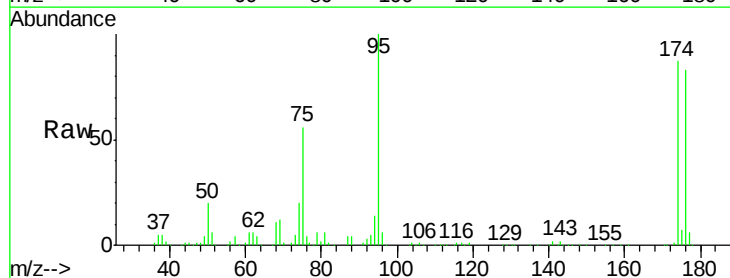
Tgt Ion: 95 Resp: 95442

Ion Ratio Lower Upper

95 100

174 89.3 0.0 173.6

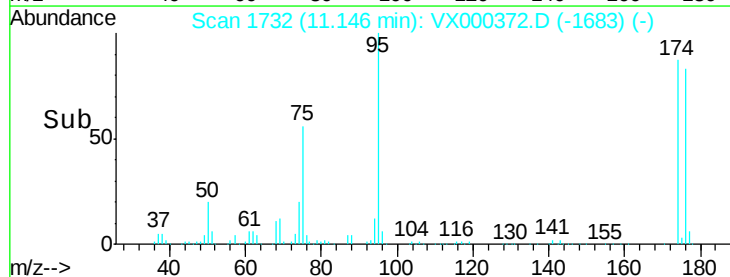
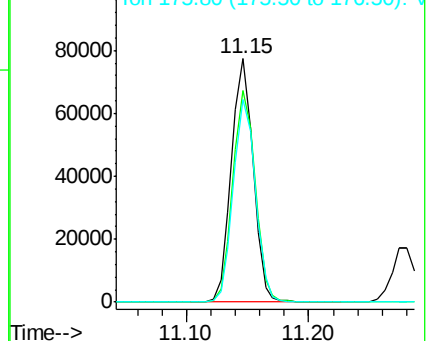
176 84.1 0.0 164.6

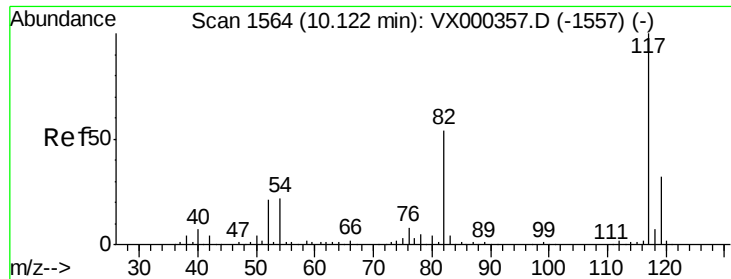


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

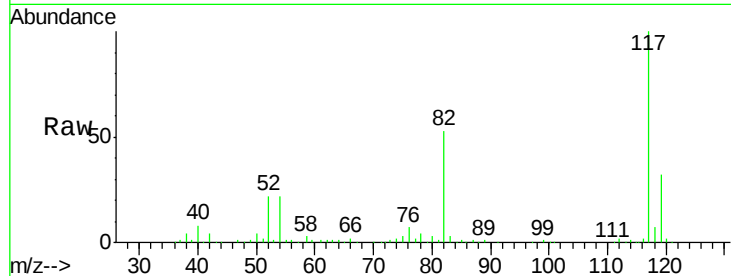




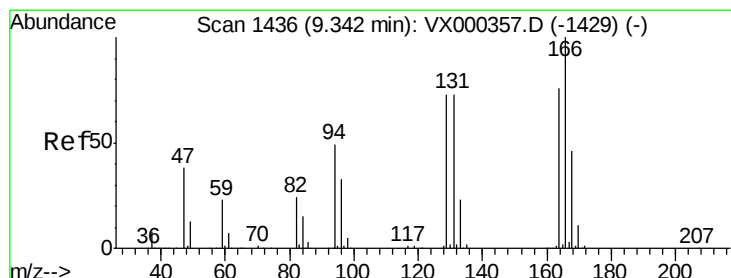
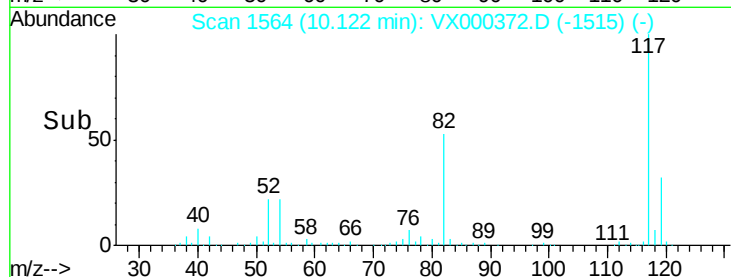
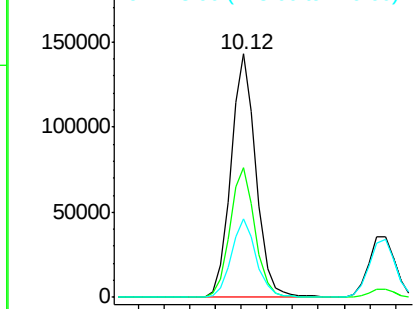
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000372.D
Acq: 20 Mar 2018 20:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 194199
Ion Ratio Lower Upper
117 100
82 53.1 43.8 65.8
119 32.1 24.9 37.3



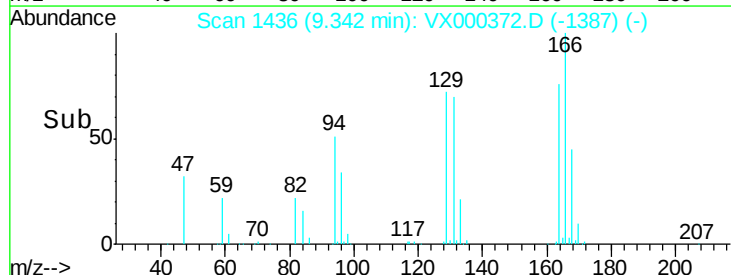
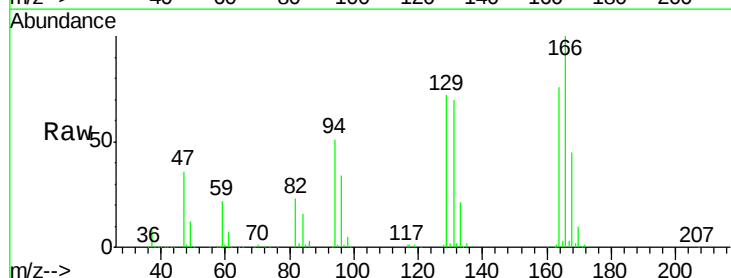
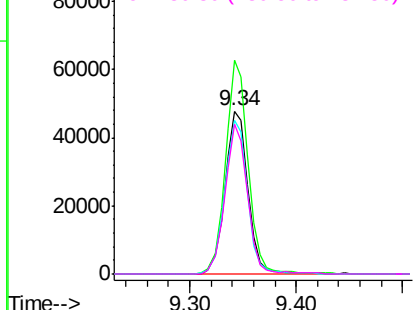
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

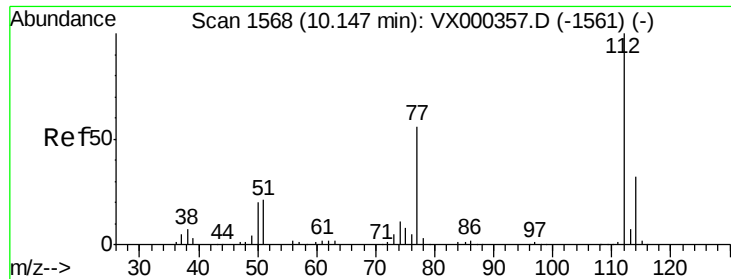


#64
Tetrachloroethene
Concen: 47.80 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000372.D
Acq: 20 Mar 2018 20:35

Tgt Ion:164 Resp: 72037
Ion Ratio Lower Upper
164 100
166 131.1 101.0 151.6
129 94.5 79.0 118.4
131 92.2 71.9 107.9

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

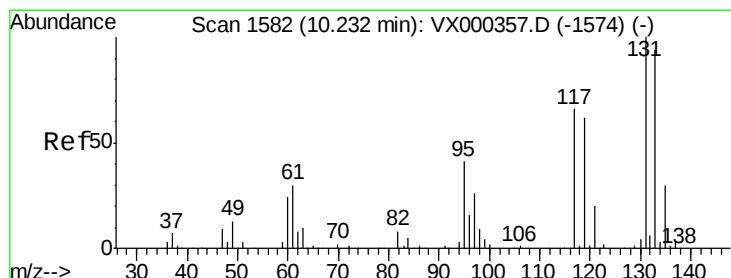
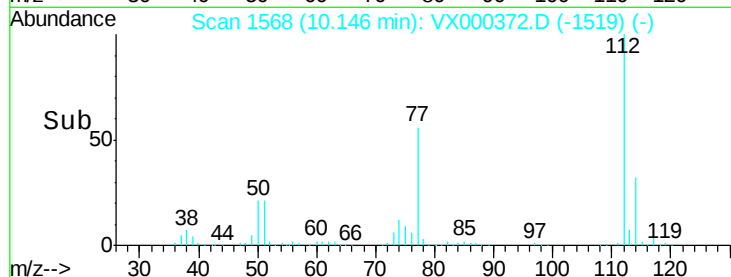
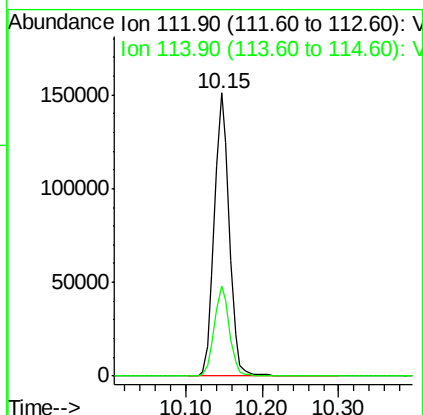
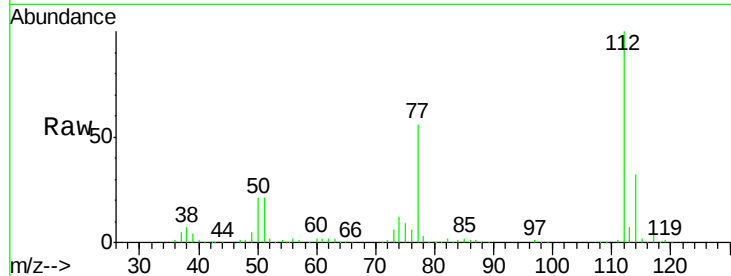




#65
Chlorobenzene
Concen: 47.59 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000372.D
Acq: 20 Mar 2018 20:35

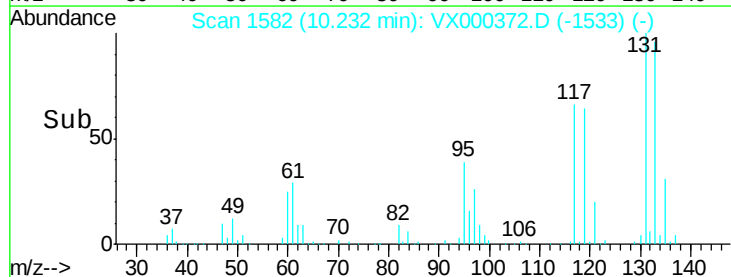
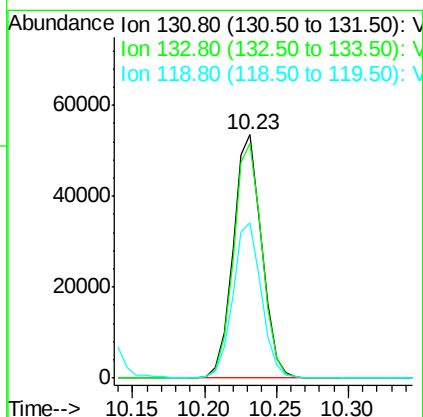
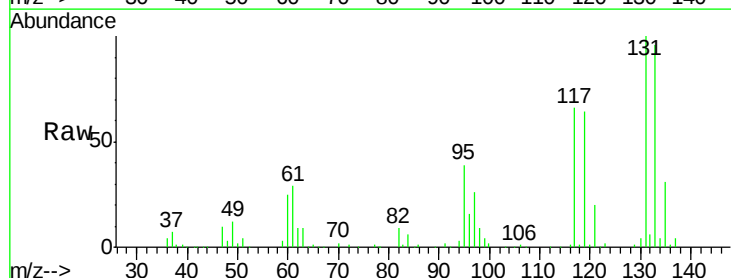
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

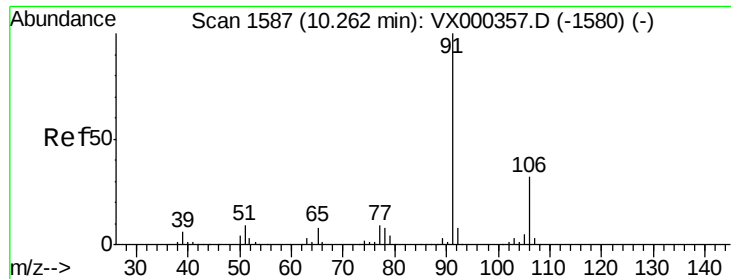
Tgt Ion:112 Resp: 205684
Ion Ratio Lower Upper
112 100
114 31.9 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 50.37 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000372.D
Acq: 20 Mar 2018 20:35

Tgt Ion:131 Resp: 73930
Ion Ratio Lower Upper
131 100
133 95.9 47.1 141.3
119 64.1 33.1 99.2

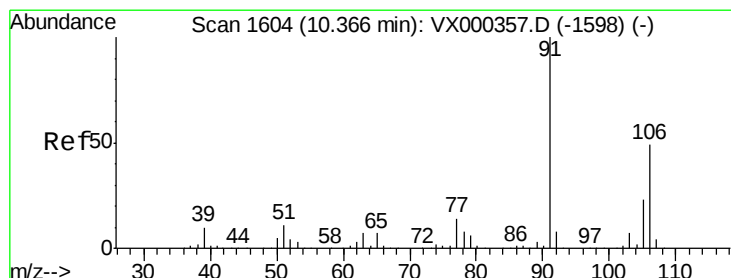
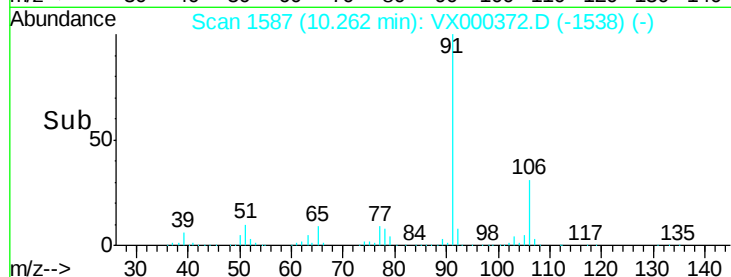
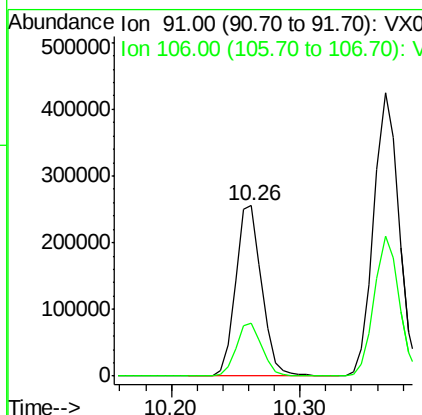
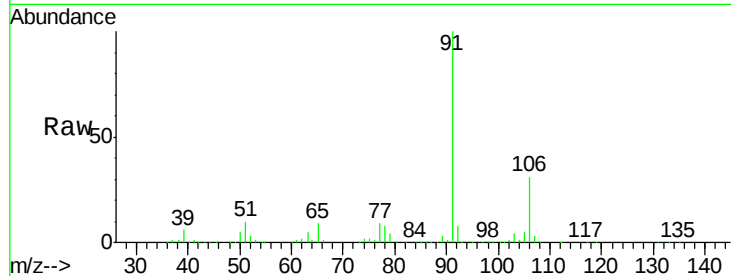




#67
 Ethyl Benzene
 Concen: 49.21 ug/l
 RT: 10.26 min Scan# 1587
 Delta R.T. -0.00 min
 Lab File: VX000372.D
 Acq: 20 Mar 2018 20:35

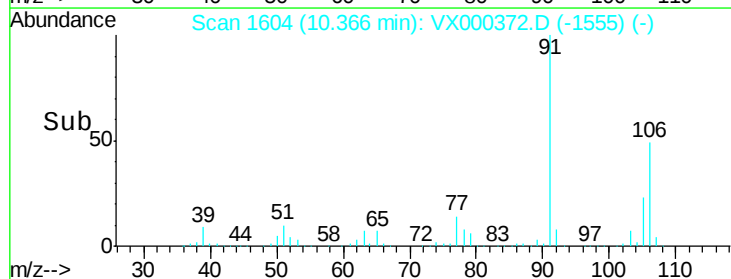
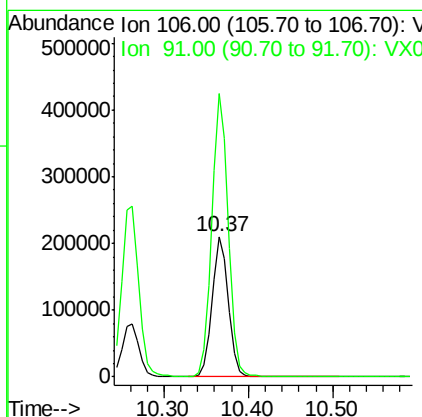
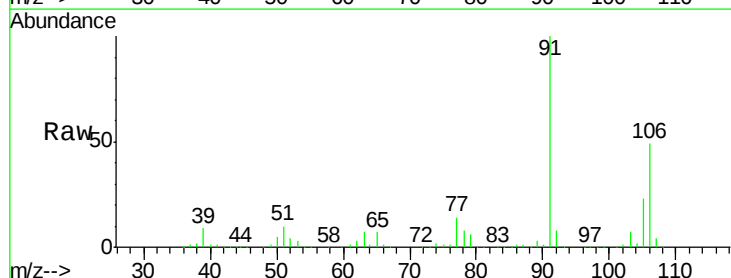
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

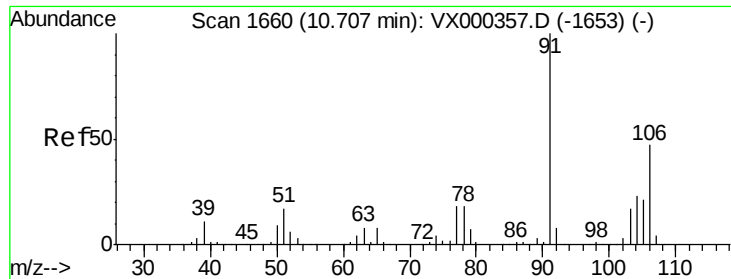
Tgt Ion: 91 Resp: 360541
 Ion Ratio Lower Upper
 91 100
 106 31.3 25.0 37.6



#68
 m/p-Xylenes
 Concen: 97.85 ug/l
 RT: 10.37 min Scan# 1604
 Delta R.T. -0.00 min
 Lab File: VX000372.D
 Acq: 20 Mar 2018 20:35

Tgt Ion: 106 Resp: 282091
 Ion Ratio Lower Upper
 106 100
 91 202.8 163.4 245.2

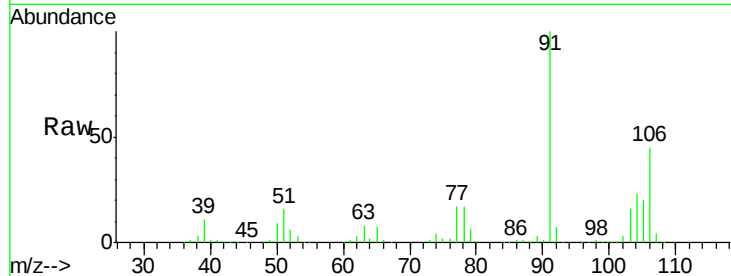




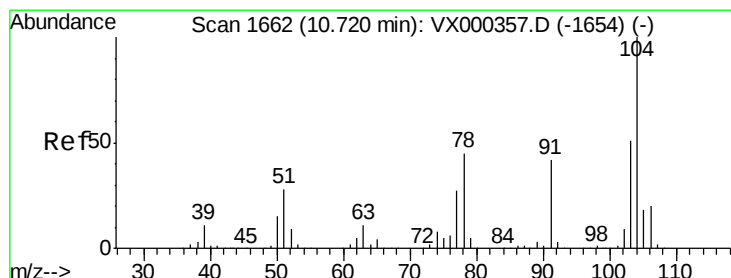
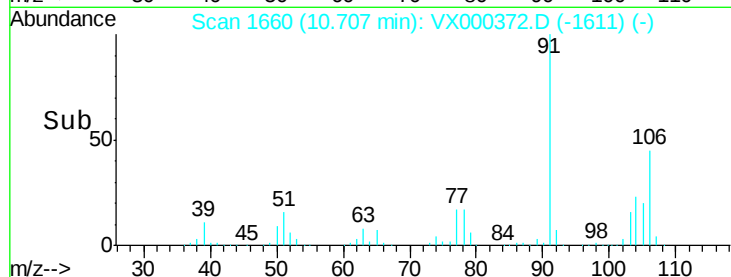
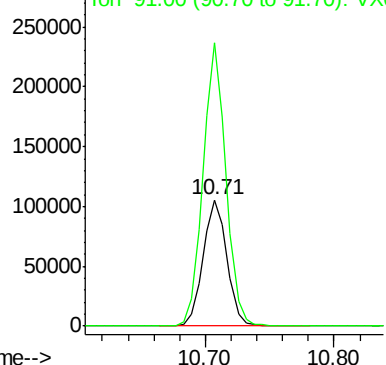
#69
o-Xylene
Concen: 48.98 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000372.D
Acq: 20 Mar 2018 20:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 136726
Ion Ratio Lower Upper
106 100
91 215.2 106.5 319.6

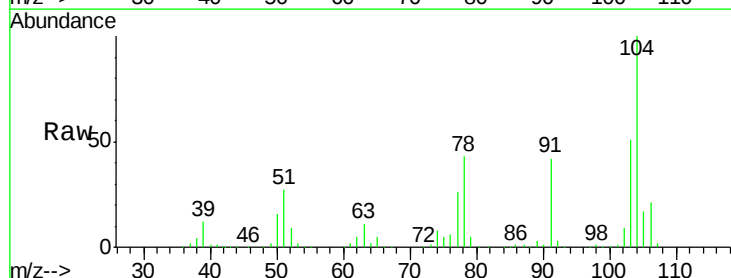


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

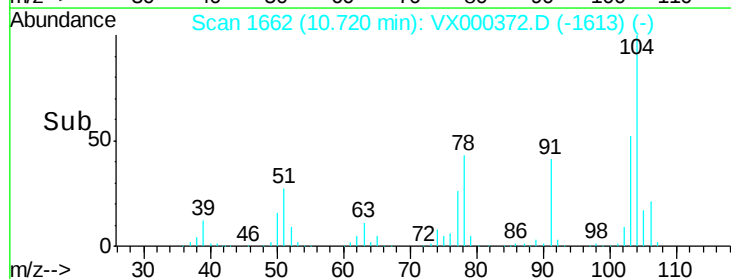
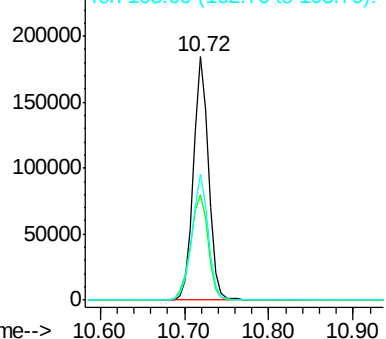


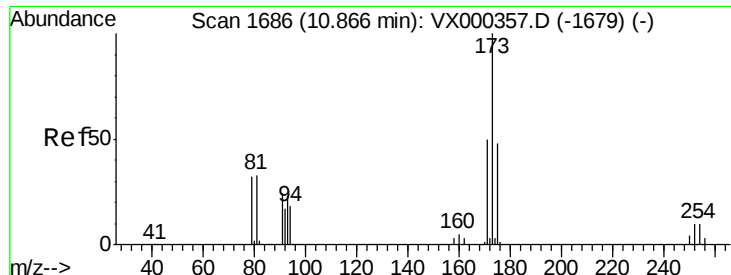
#70
Styrene
Concen: 50.22 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000372.D
Acq: 20 Mar 2018 20:35

Tgt Ion:104 Resp: 231968
Ion Ratio Lower Upper
104 100
78 50.4 40.5 60.7
103 55.3 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: 42.24 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000372.D

Acq: 20 Mar 2018 20:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

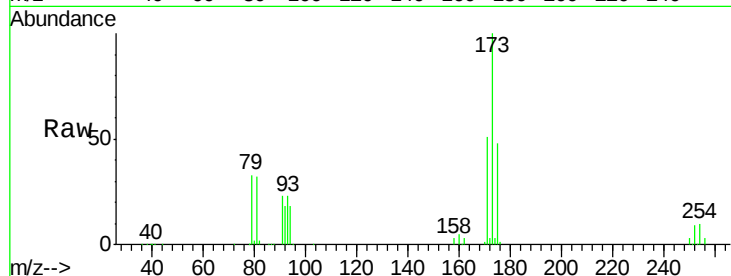
Tgt Ion:173 Resp: 63358

Ion Ratio Lower Upper

173 100

175 49.7 25.4 76.4

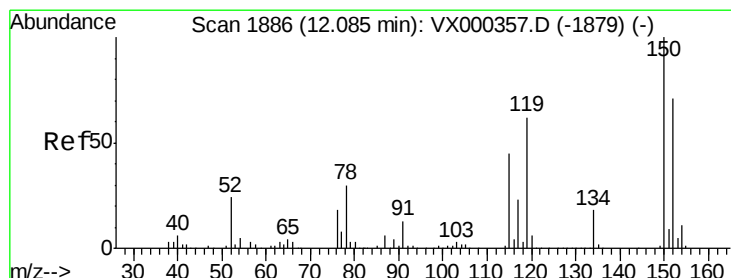
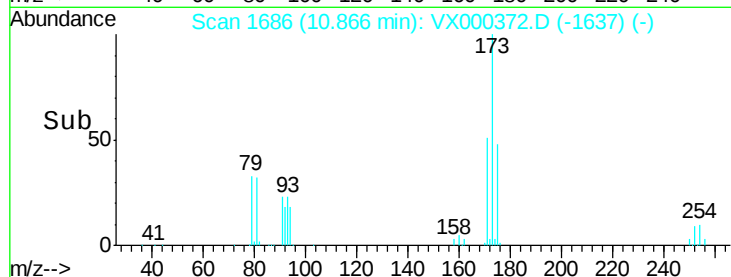
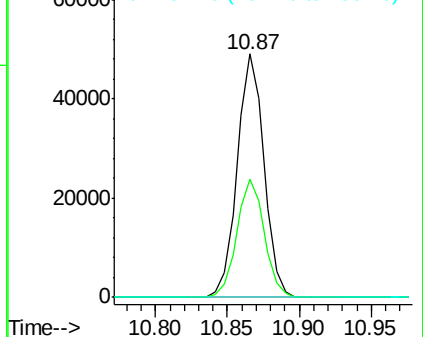
254 0.0 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000372.D

Acq: 20 Mar 2018 20:35

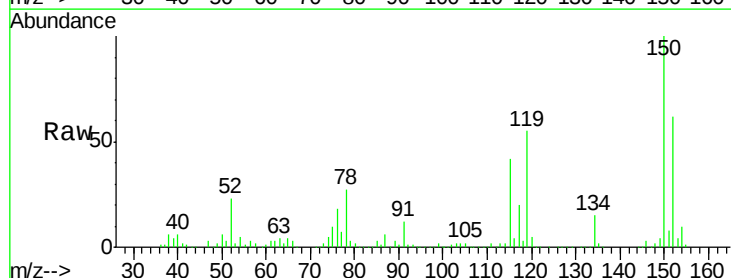
Tgt Ion:152 Resp: 115560

Ion Ratio Lower Upper

152 100

115 83.4 39.8 119.3

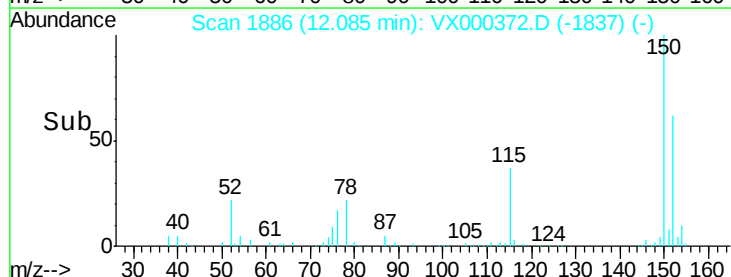
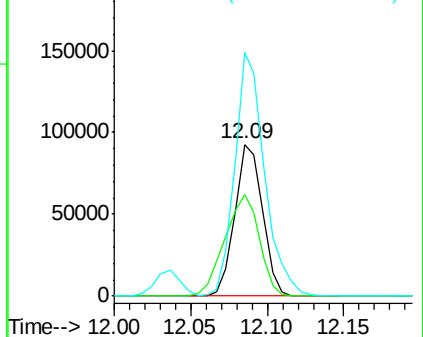
150 173.8 0.0 344.4

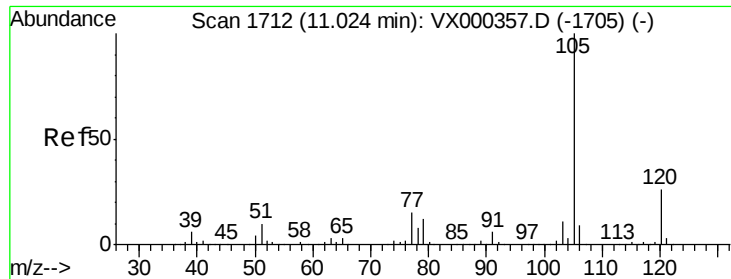


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.86 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000372.D

Acq: 20 Mar 2018 20:35

Instrument :

MSVOA_X

ClientSampleId :

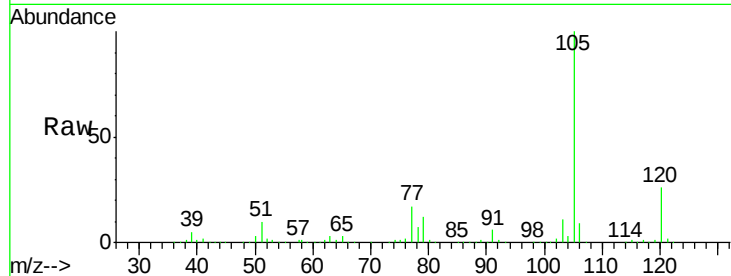
VSTDCCC050EC

Tgt Ion:105 Resp: 381739

Ion Ratio Lower Upper

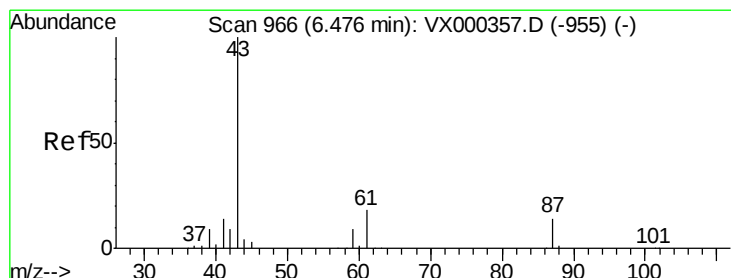
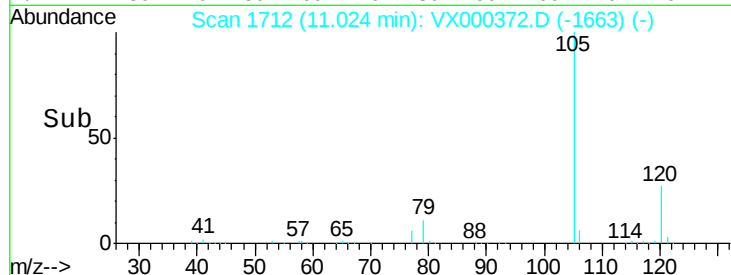
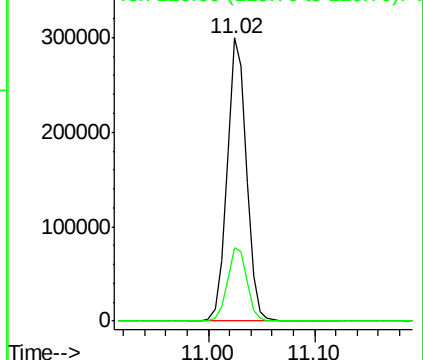
105 100

120 26.3 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 57.25 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX000372.D

Acq: 20 Mar 2018 20:35

Tgt Ion: 43 Resp: 189478

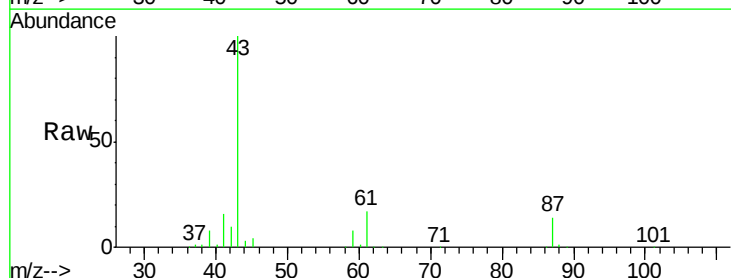
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 17.7 14.4 21.6

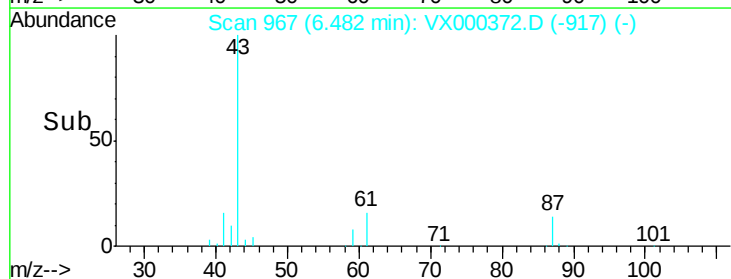
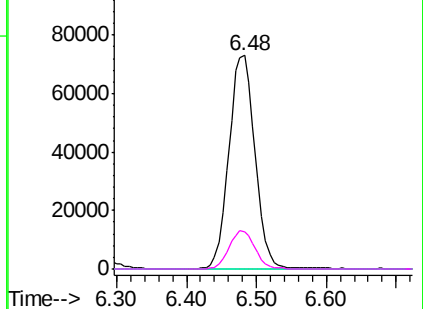


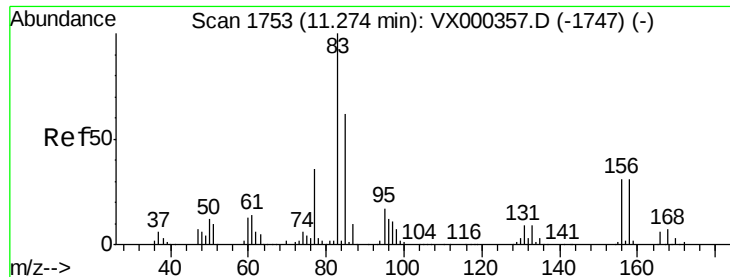
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.46 ug/l

RT: 11.28 min Scan# 1754

Delta R.T. 0.01 min

Lab File: VX000372.D

Acq: 20 Mar 2018 20:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

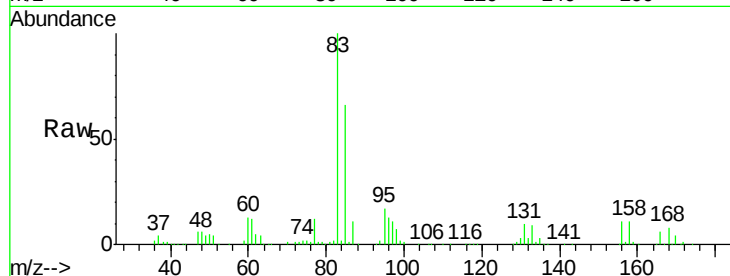
Tgt Ion: 83 Resp: 133958

Ion Ratio Lower Upper

83 100

131 10.2 5.0 14.9

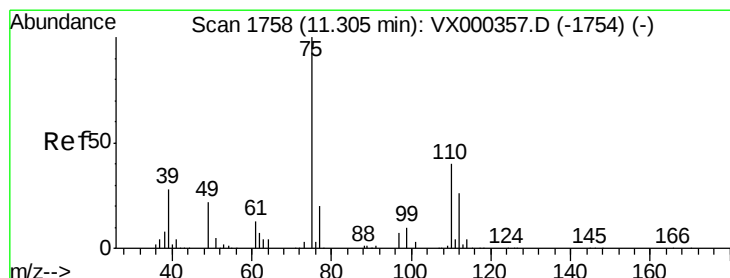
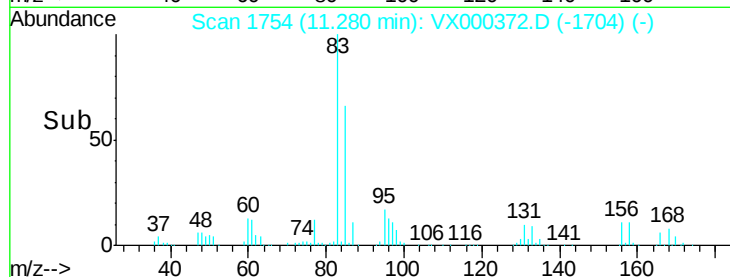
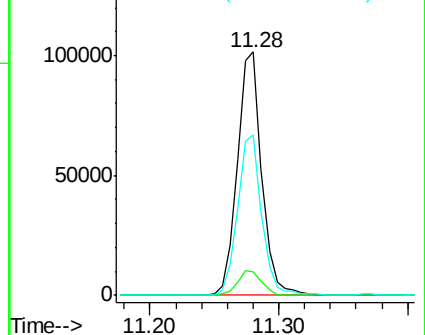
85 65.3 32.5 97.5



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: 63.67 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000372.D

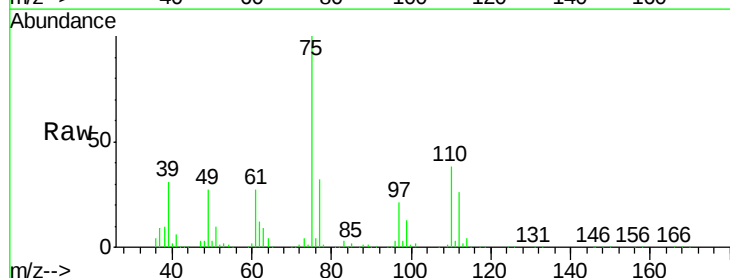
Acq: 20 Mar 2018 20:35

Tgt Ion: 75 Resp: 158138

Ion Ratio Lower Upper

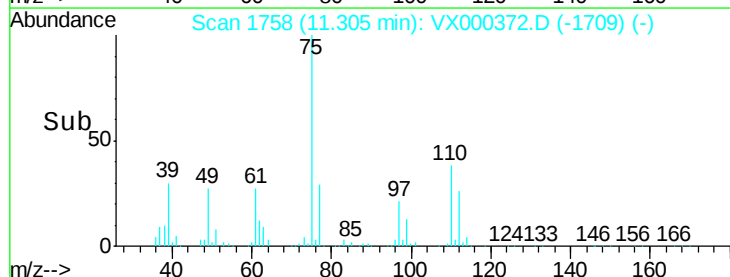
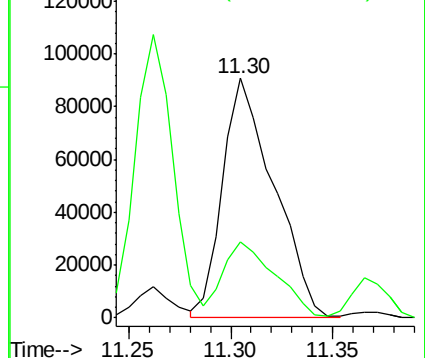
75 100

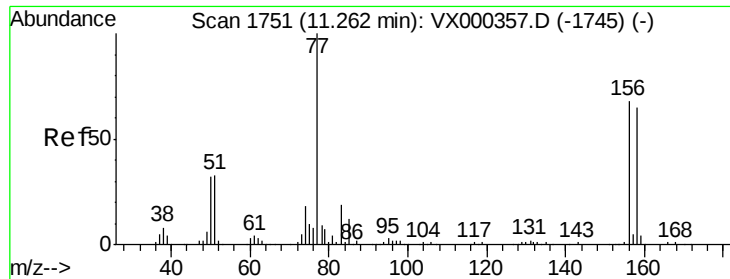
77 32.4 21.4 64.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 46.59 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000372.D

Acq: 20 Mar 2018 20:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

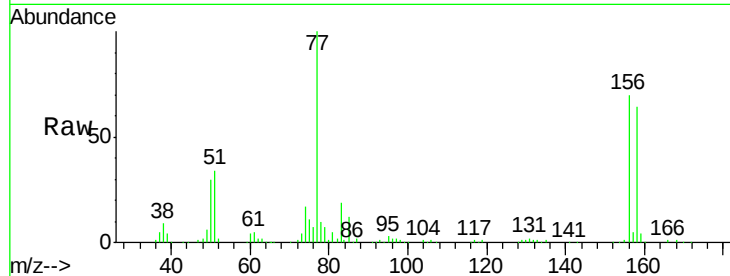
Tgt Ion:156 Resp: 95032

Ion Ratio Lower Upper

156 100

77 146.2 73.4 220.2

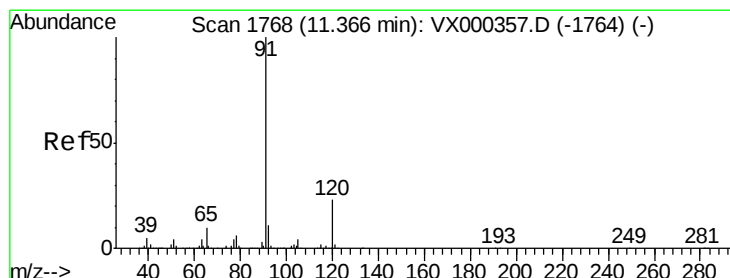
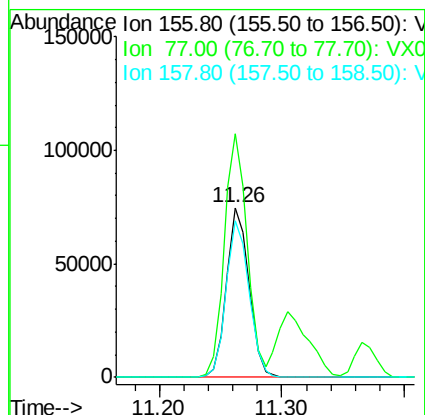
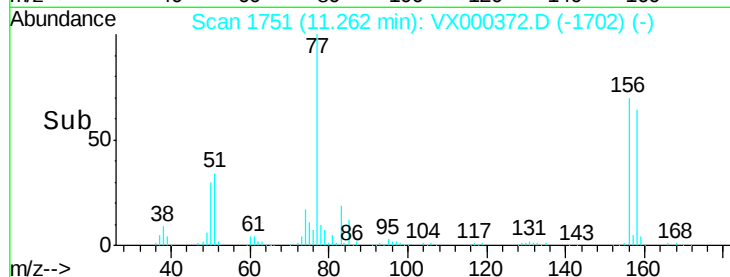
158 94.7 48.5 145.6



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: 48.74 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000372.D

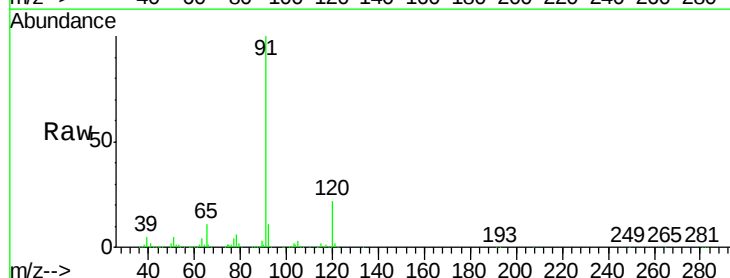
Acq: 20 Mar 2018 20:35

Tgt Ion: 91 Resp: 444940

Ion Ratio Lower Upper

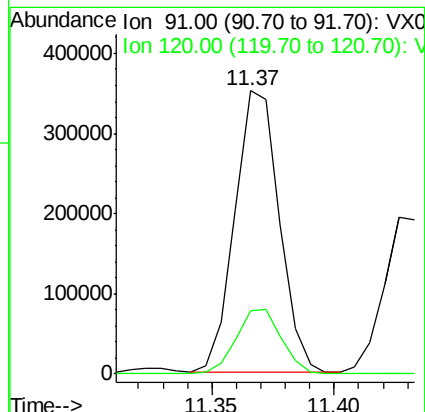
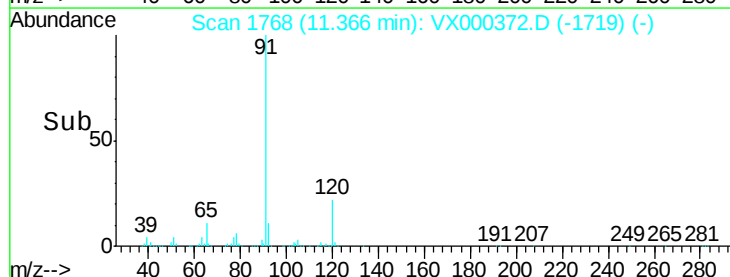
91 100

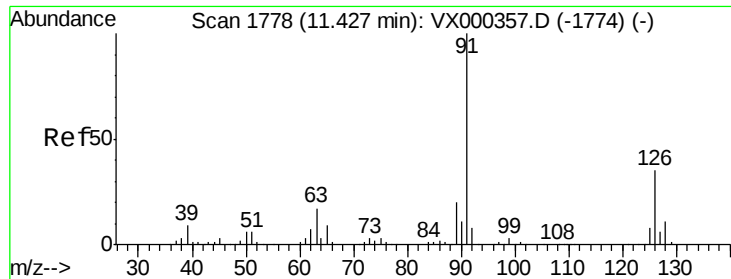
120 23.3 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

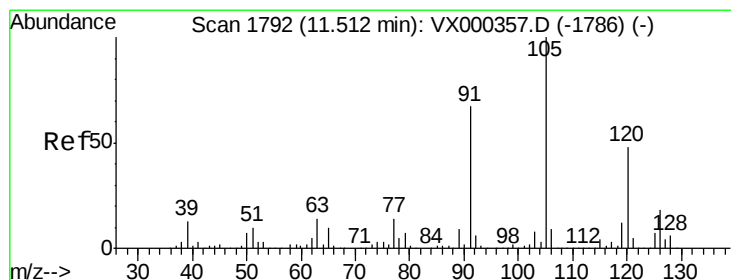
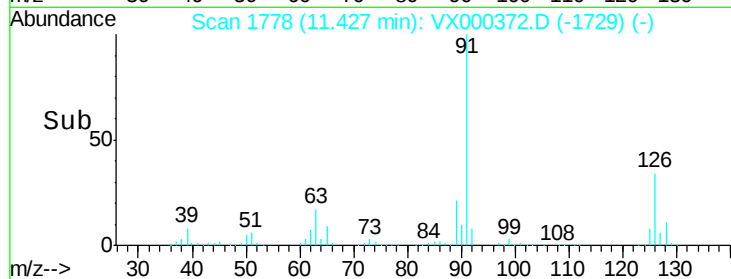
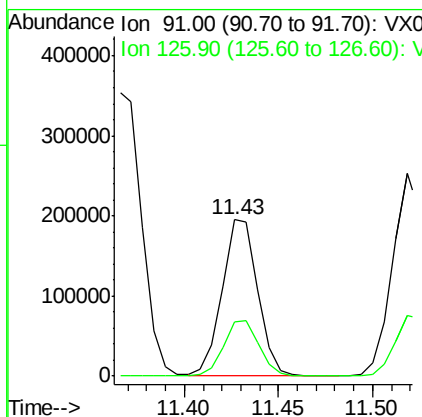
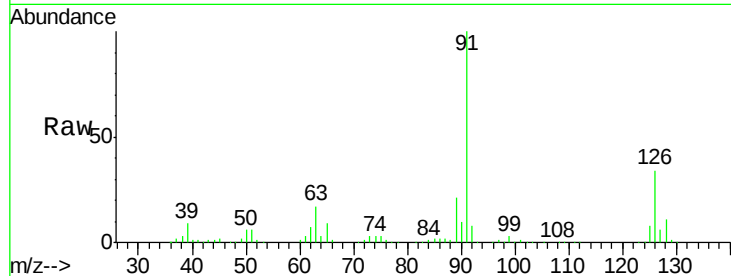




#79
 2-Chlorotoluene
 Concen: 48.06 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX000372.D
 Acq: 20 Mar 2018 20:35

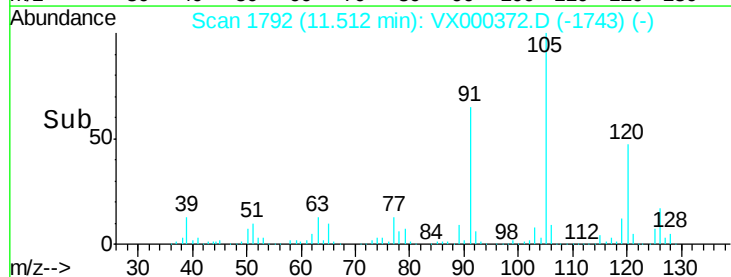
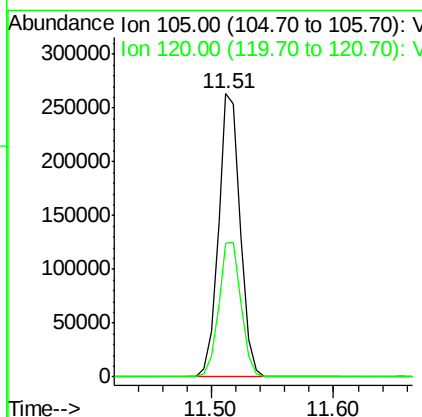
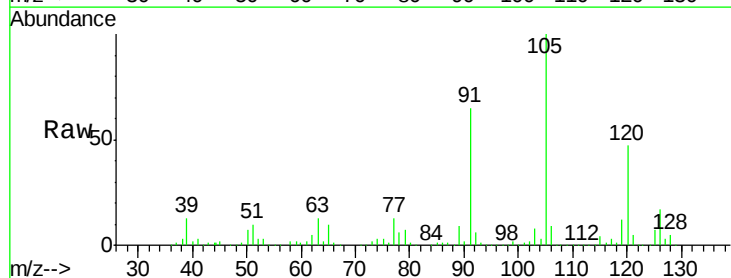
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

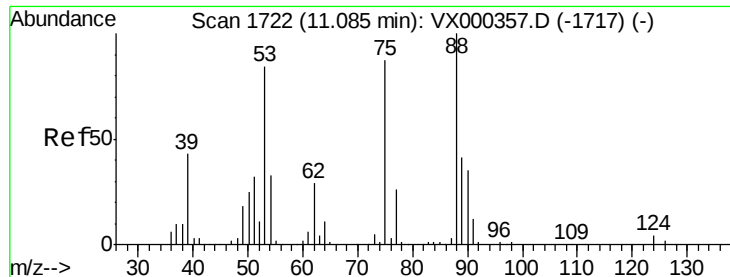
Tgt Ion: 91 Resp: 253481
 Ion Ratio Lower Upper
 91 100
 126 35.5 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 50.36 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX000372.D
 Acq: 20 Mar 2018 20:35

Tgt Ion: 105 Resp: 324215
 Ion Ratio Lower Upper
 105 100
 120 48.9 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 49.95 ug/l

RT: 11.09 min Scan# 1722

Delta R.T. -0.00 min

Lab File: VX000372.D

Acq: 20 Mar 2018 20:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

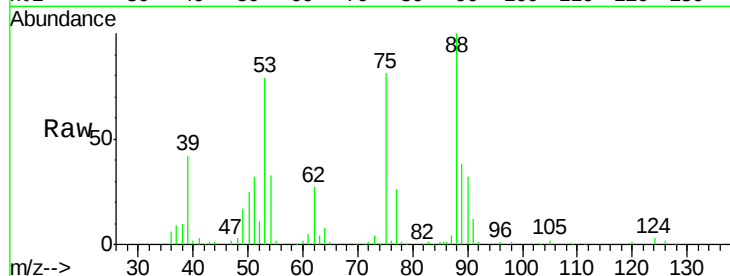
Tgt Ion: 75 Resp: 38316

Ion Ratio Lower Upper

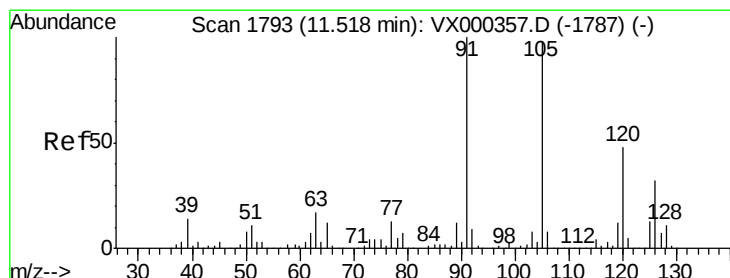
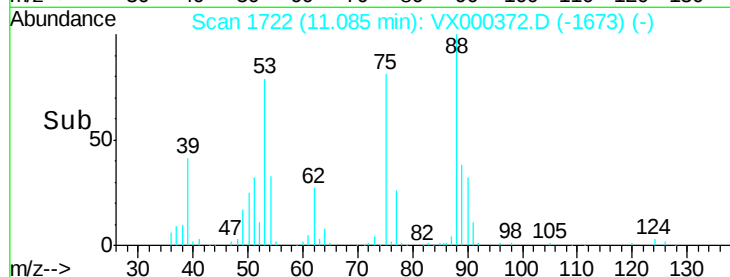
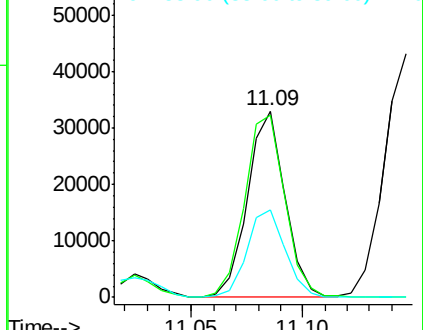
75 100

53 106.2 80.7 121.1

89 48.6 39.4 59.0



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



#82

4-Chlorotoluene

Concen: 49.53 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000372.D

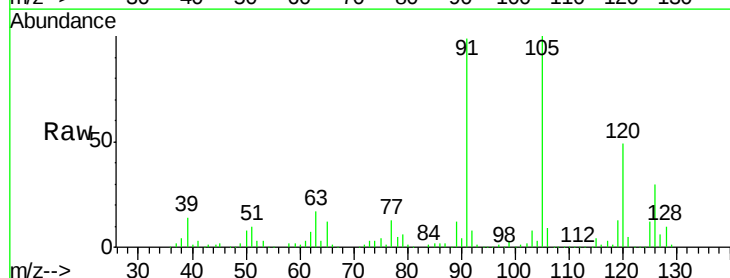
Acq: 20 Mar 2018 20:35

Tgt Ion: 91 Resp: 311879

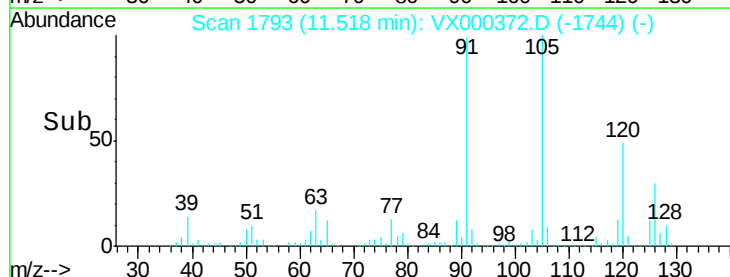
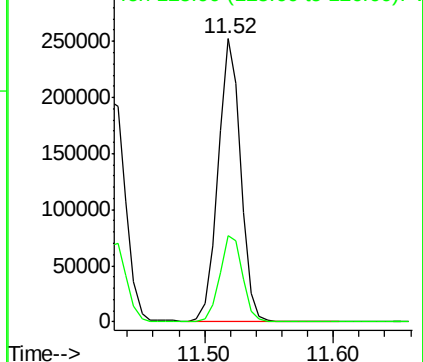
Ion Ratio Lower Upper

91 100

126 30.8 15.4 46.1



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

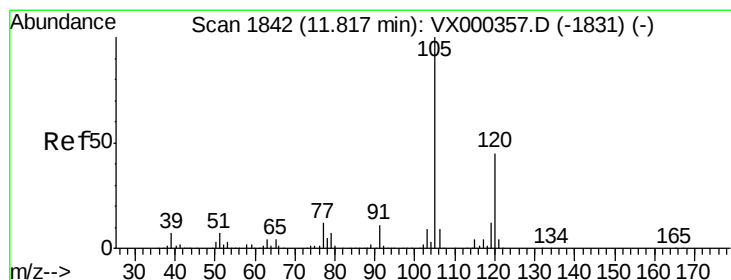
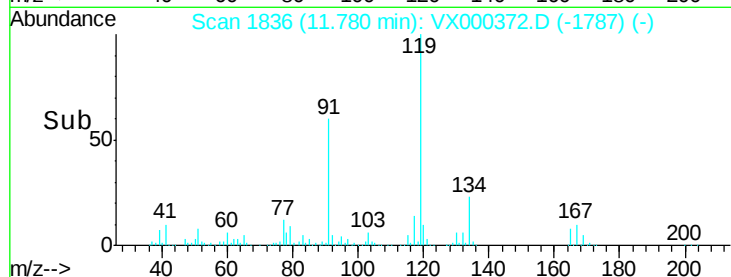
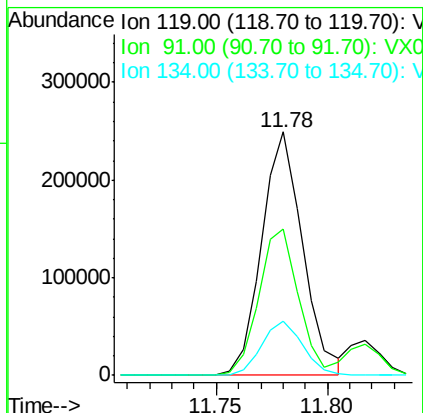
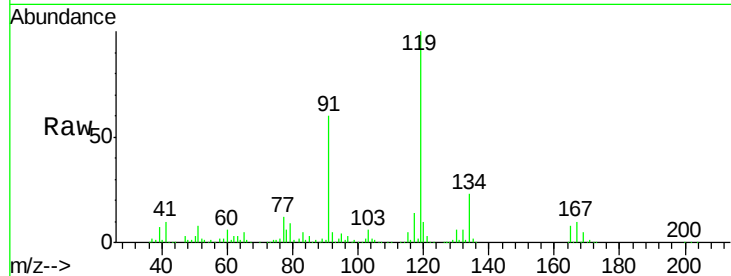




#83
 tert-Butylbenzene
 Concen: 49.10 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000372.D
 Acq: 20 Mar 2018 20:35

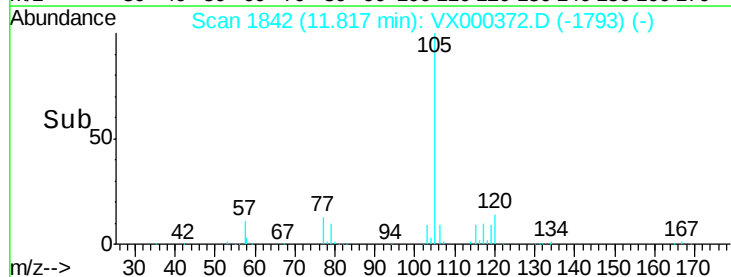
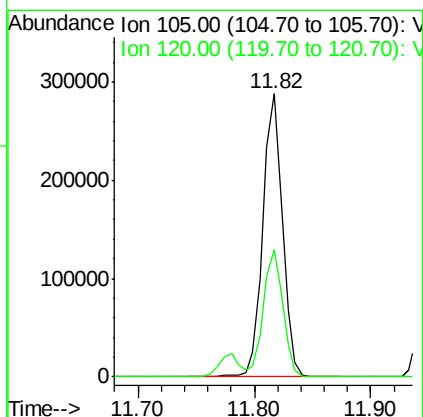
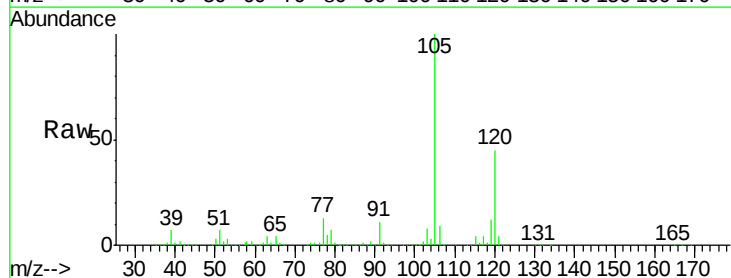
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

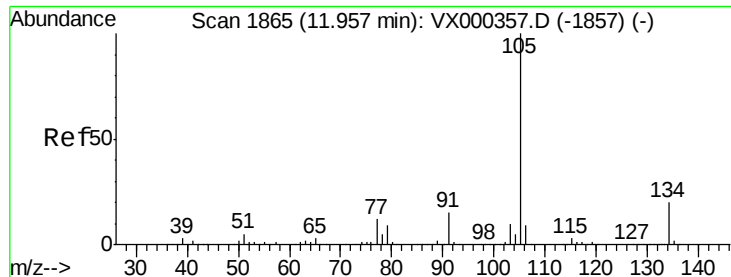
Tgt Ion:119 Resp: 318828
 Ion Ratio Lower Upper
 119 100
 91 58.5 28.8 86.4
 134 22.4 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 50.47 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000372.D
 Acq: 20 Mar 2018 20:35

Tgt Ion:105 Resp: 340657
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.4 67.3

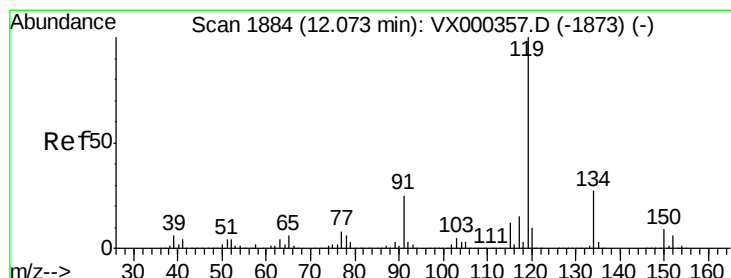
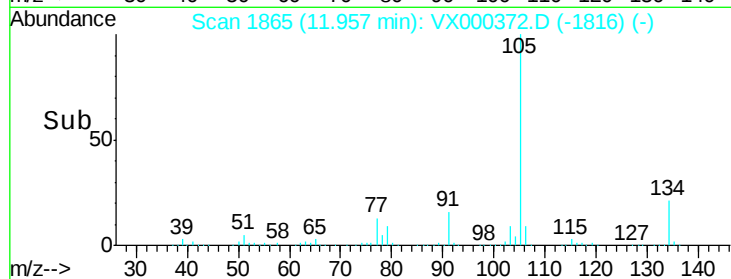
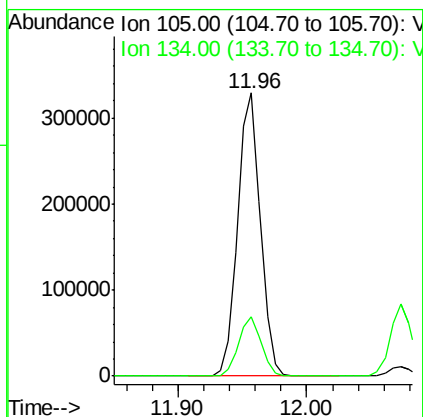
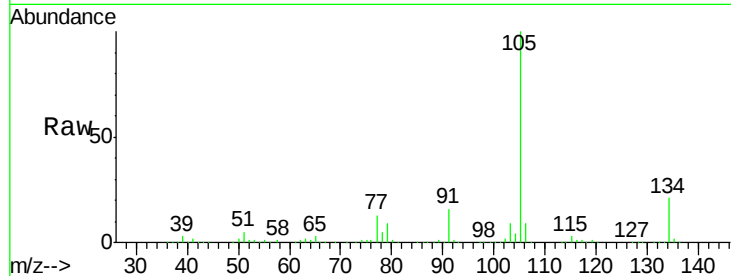




#85
 sec-Butylbenzene
 Concen: 50.11 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VX000372.D
 Acq: 20 Mar 2018 20:35

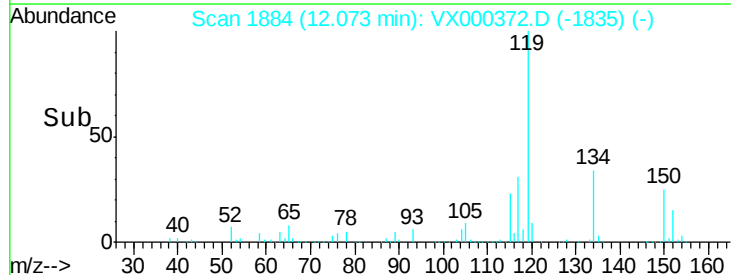
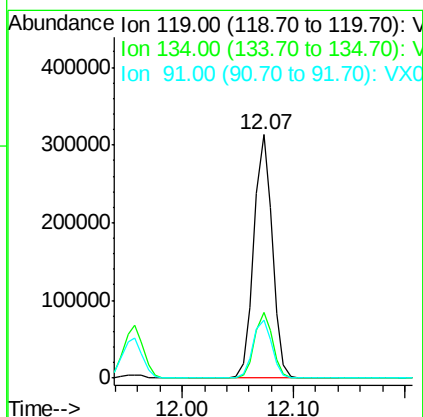
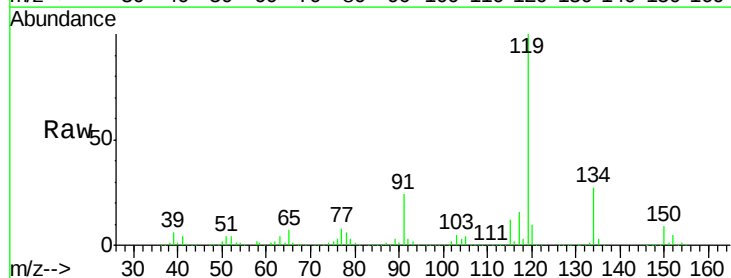
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 402578
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 50.59 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX000372.D
 Acq: 20 Mar 2018 20:35

Tgt Ion:119 Resp: 360990
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.9
 91 24.5 12.0 36.1

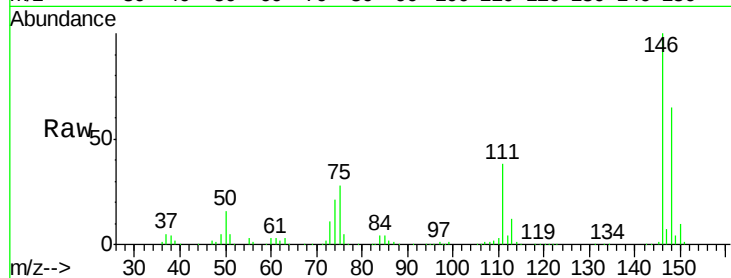




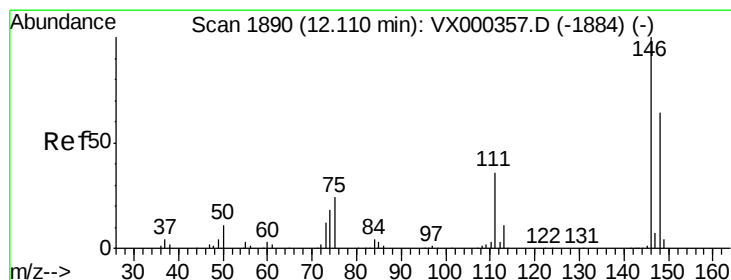
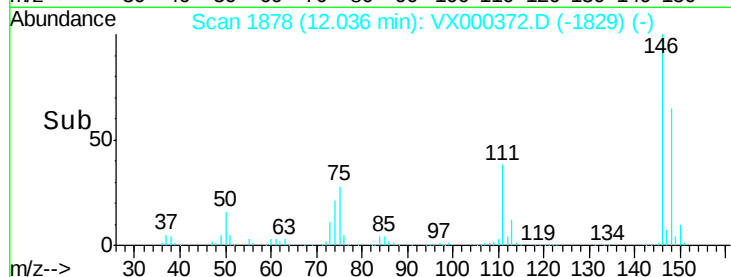
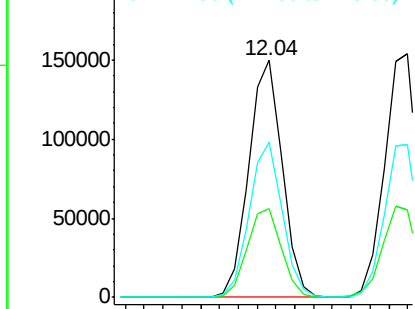
#87
 1,3-Dichlorobenzene
 Concen: 47.90 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000372.D
 Acq: 20 Mar 2018 20:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:146 Resp: 184750
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.5 58.5
 148 64.4 32.4 97.0

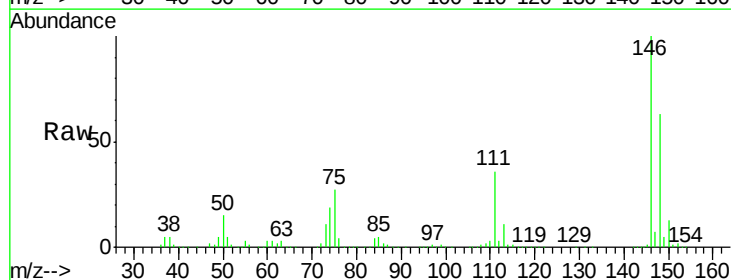


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

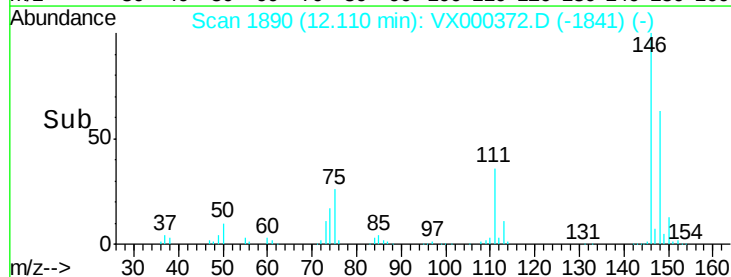
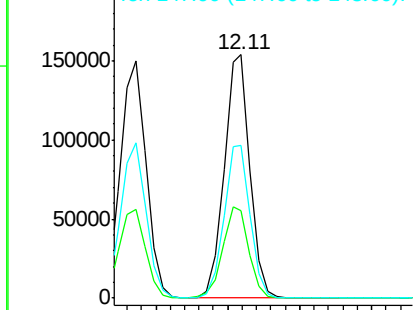


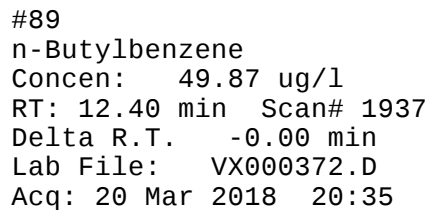
#88
 1,4-Dichlorobenzene
 Concen: 47.52 ug/l
 RT: 12.11 min Scan# 1890
 Delta R.T. -0.00 min
 Lab File: VX000372.D
 Acq: 20 Mar 2018 20:35

Tgt Ion:146 Resp: 192398
 Ion Ratio Lower Upper
 146 100
 111 38.2 18.9 56.9
 148 64.0 31.0 93.0



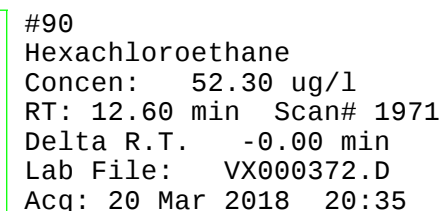
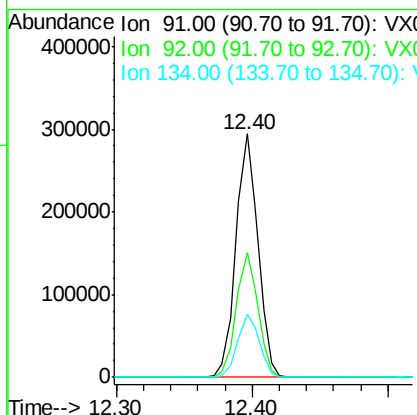
Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V



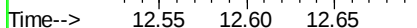
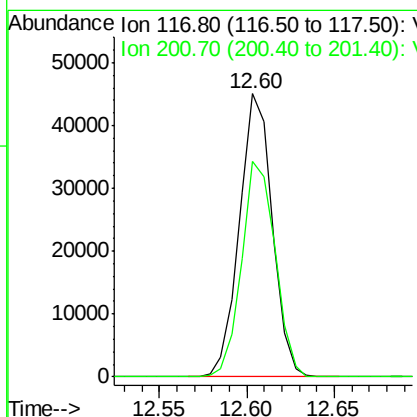


Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt	Ion: 91	Resp:	331290
Ion	Ratio	Lower	Upper
91	100		
92	50.8	25.9	77.8
134	25.6	13.1	39.3



Tgt	Ion:117	Resp:	58737
Ion	Ratio	Lower	Upper
117	100		
201	77.8	37.9	113.6





#91

1,2-Dichlorobenzene

Concen: 49.48 ug/l

RT: 12.40 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VX000372.D

Acq: 20 Mar 2018 20:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

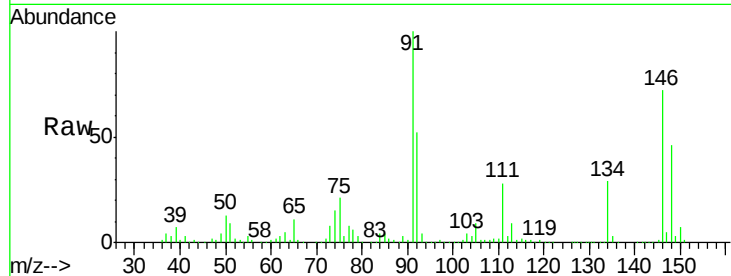
Tgt Ion:146 Resp: 187101

Ion Ratio Lower Upper

146 100

111 39.9 20.1 60.2

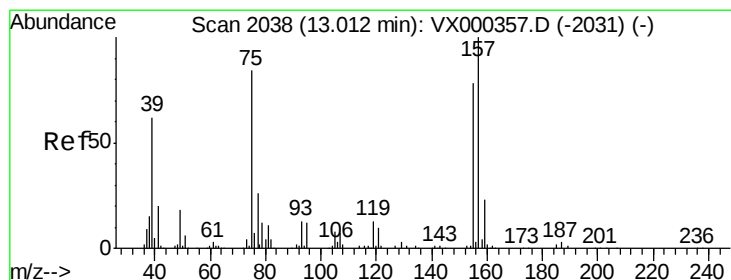
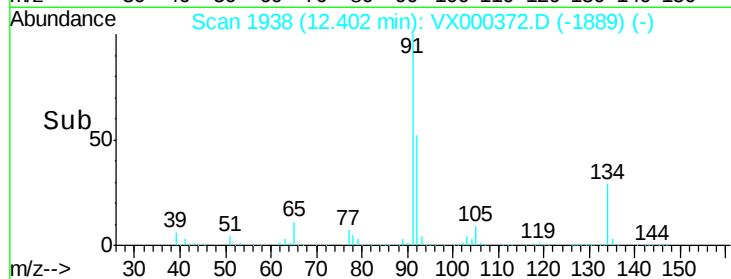
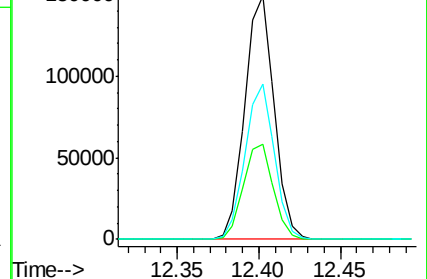
148 63.7 31.2 93.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.82 ug/l

RT: 13.01 min Scan# 2038

Delta R.T. -0.00 min

Lab File: VX000372.D

Acq: 20 Mar 2018 20:35

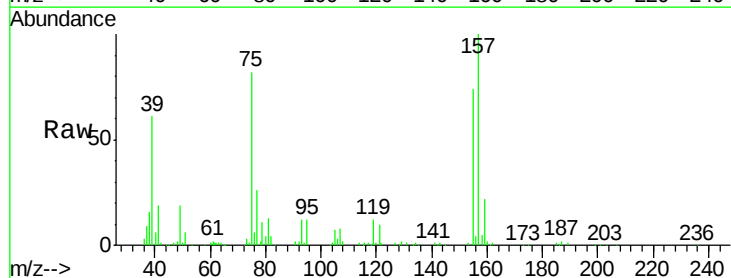
Tgt Ion: 75 Resp: 38386

Ion Ratio Lower Upper

75 100

155 87.3 45.0 134.8

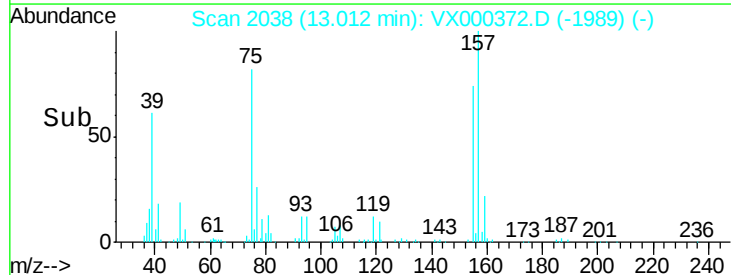
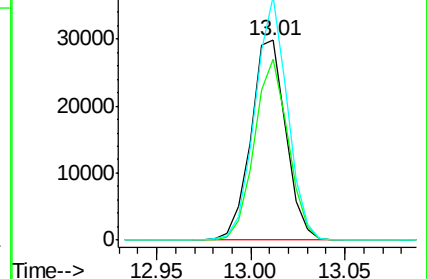
157 112.6 58.1 174.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

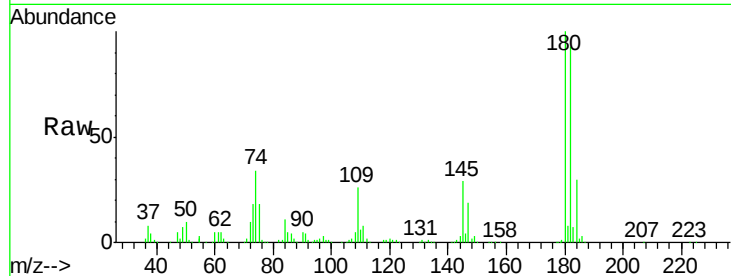




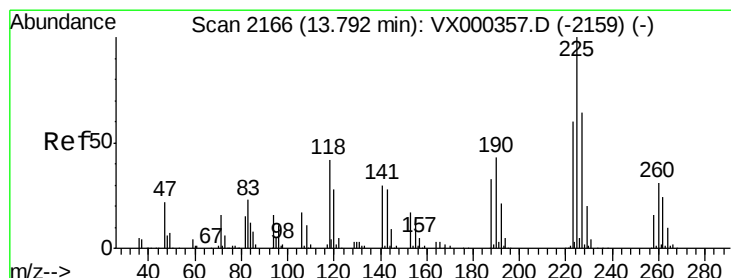
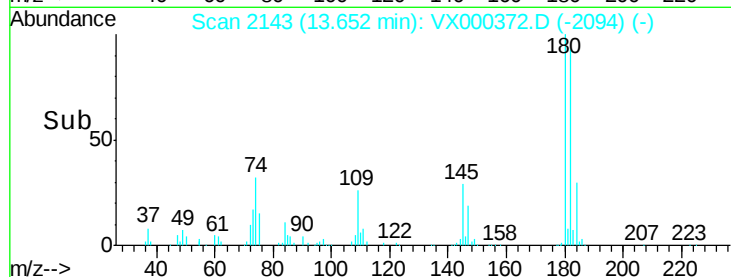
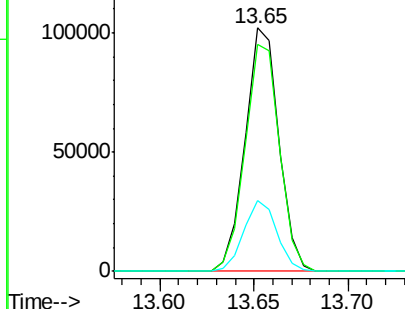
#93
 1,2,4-Trichlorobenzene
 Concen: 46.64 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000372.D
 Acq: 20 Mar 2018 20:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 126422
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.6 142.9
 145 28.6 15.1 45.3

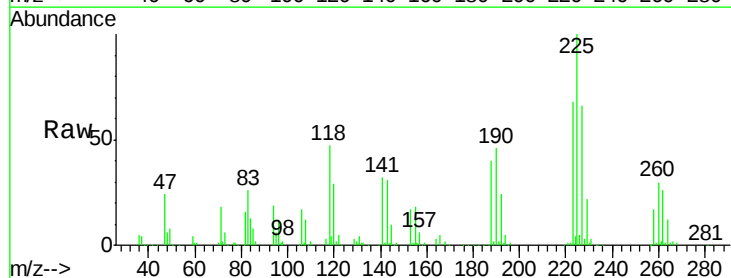


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

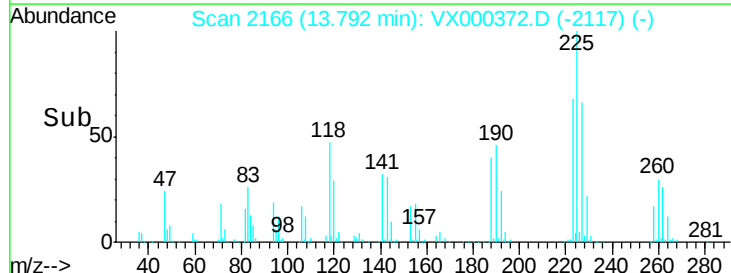
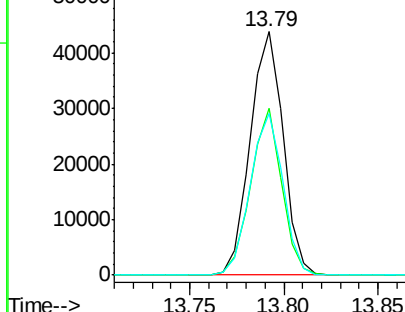


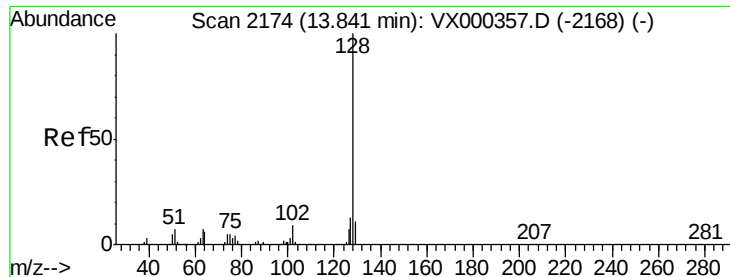
#94
 Hexachlorobutadiene
 Concen: 47.30 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000372.D
 Acq: 20 Mar 2018 20:35

Tgt Ion:225 Resp: 53090
 Ion Ratio Lower Upper
 225 100
 223 64.5 32.0 96.0
 227 65.9 32.6 98.0



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

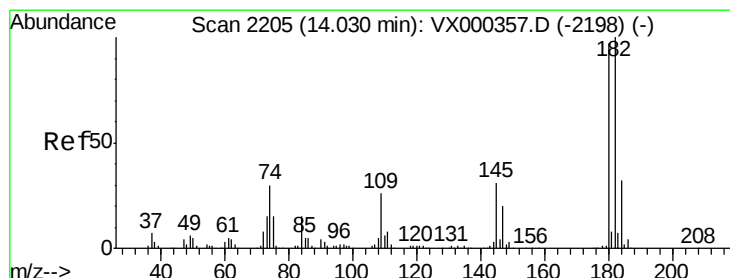
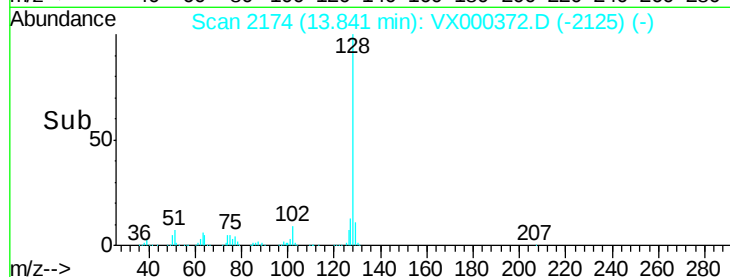
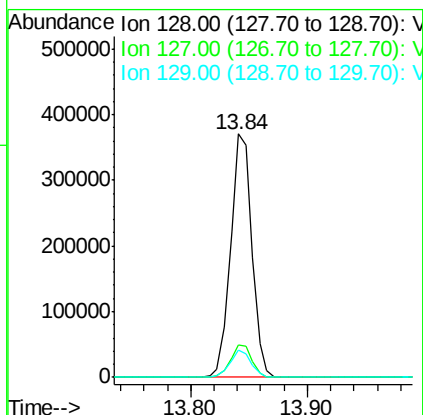
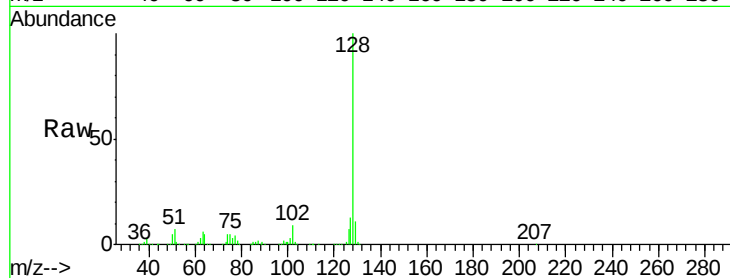




#95
Naphthalene
Concen: 49.83 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX000372.D
Acq: 20 Mar 2018 20:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 470533
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 11.0 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 47.02 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. -0.00 min
Lab File: VX000372.D
Acq: 20 Mar 2018 20:35

Tgt Ion:180 Resp: 125951
Ion Ratio Lower Upper
180 100
182 96.3 47.4 142.3
145 31.6 15.8 47.3

