

Data File : VX001087.D

Acq On : 24 Apr 2018 20:11

Operator : JC/MD

Sample : VSTDCCC050

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Apr 25 07:21:13 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M

Quant Title : SW846 8260

QLast Update : Fri Apr 20 05:03:28 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	248945	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	338823	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	327267	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	226165	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	153413	48.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.22%	
35) Dibromofluoromethane	5.51	113	126193	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	
50) Toluene-d8	8.72	98	446119	46.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.40%	
62) 4-Bromofluorobenzene	11.14	95	186313	46.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	155426	50.34	ug/l	98
3) Chloromethane	1.32	50	135928	47.28	ug/l	99
4) Vinyl Chloride	1.40	62	143499	48.16	ug/l	99
5) Bromomethane	1.64	94	79789	46.04	ug/l	99
6) Chloroethane	1.72	64	88256	49.85	ug/l	99
7) Trichlorofluoromethane	1.93	101	231264	51.66	ug/l	100
8) Diethyl Ether	2.19	74	83365	50.42	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	131417	50.10	ug/l	99
10) Methyl Iodide	2.51	142	105174	42.06	ug/l	99
11) Tert butyl alcohol	3.09	59	157377	330.68	ug/l	98
12) 1,1-Dichloroethene	2.37	96	118950	49.04	ug/l	97
13) Acrolein	2.30	56	57609	382.48	ug/l	99
14) Allyl chloride	2.73	41	224289	51.10	ug/l	99
15) Acrylonitrile	3.16	53	358909	278.65	ug/l	99
16) Acetone	2.45	43	347930	292.80	ug/l	99
17) Carbon Disulfide	2.57	76	293106	42.40	ug/l	100
18) Methyl Acetate	2.78	43	232720	64.72	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	425314	52.16	ug/l	98
20) Methylene Chloride	2.86	84	159249	64.01	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	128846	47.72	ug/l	98
22) Diisopropyl ether	3.88	45	438493	51.60	ug/l	97
23) Vinyl Acetate	3.84	43	1783761	253.56	ug/l	100
24) 1,1-Dichloroethane	3.70	63	234355	49.17	ug/l	99
25) 2-Butanone	4.72	43	526929	284.06	ug/l	98
26) 2,2-Dichloropropane	4.59	77	187290	45.68	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	145747	48.46	ug/l	99
28) Bromochloromethane	5.03	49	111381	60.77	ug/l	98
29) Tetrahydrofuran	5.18	42	331341	282.66	ug/l	100
30) Chloroform	5.23	83	253862	51.43	ug/l	99
31) Cyclohexane	5.58	56	208003	46.75	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	227679	51.44	ug/l	99
36) 1,1-Dichloropropene	5.81	75	183954	46.20	ug/l	100
37) Ethyl Acetate	4.87	43	196077	53.69	ug/l	100
38) Carbon Tetrachloride	5.79	117	199651	49.52	ug/l	98

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ClientSampleId :
VSTDCCC050

Quant Time: Apr 25 07:21:13 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M

Quant Title : SW846 8260

QLast Update : Fri Apr 20 05:03:28 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	216267	46.66	ug/l	98
40) Benzene	6.15	78	542217	48.98	ug/l	100
41) Methacrylonitrile	5.07	41	116388	51.03	ug/l	99
42) 1,2-Dichloroethane	6.21	62	212830	50.09	ug/l	99
43) Isopropyl Acetate	6.48	43	330847	52.80	ug/l	99
44) Trichloroethene	7.22	130	157683	46.63	ug/l	97
45) 1,2-Dichloropropane	7.52	63	141586	50.87	ug/l	98
46) Dibromomethane	7.67	93	96745	49.75	ug/l	99
47) Bromodichloromethane	7.91	83	185887	51.60	ug/l	98
48) Methyl methacrylate	7.79	41	177592	52.64	ug/l	98
49) 1,4-Dioxane	7.76	88	67624	1362.97	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	1095427	287.92	ug/l	98
52) Toluene	8.79	92	354218	49.03	ug/l	98
53) t-1,3-Dichloropropene	8.45	75	220609	51.20	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	206408	50.80	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	147271	51.28	ug/l	99
56) Ethyl methacrylate	9.19	69	220458	52.27	ug/l	97
57) 1,3-Dichloropropane	9.38	76	238638	50.16	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	545987	265.23	ug/l	99
59) 2-Hexanone	9.51	43	844367	289.95	ug/l	99
60) Dibromochloromethane	9.59	129	158715	52.62	ug/l	99
61) 1,2-Dibromoethane	9.68	107	156899	51.77	ug/l	99
64) Tetrachloroethene	9.34	164	167276	48.13	ug/l	99
65) Chlorobenzene	10.15	112	420054	48.20	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	156980	52.48	ug/l	99
67) Ethyl Benzene	10.26	91	706242	48.80	ug/l	100
68) m/p-Xylenes	10.37	106	556138	97.51	ug/l	98
69) o-Xylene	10.71	106	270211	49.14	ug/l	99
70) Styrene	10.72	104	452881	50.01	ug/l	100
71) Bromoform	10.87	173	132297	47.64	ug/l	99
73) Isopropylbenzene	11.02	105	735873	49.77	ug/l	99
74) N-amyl acetate	6.48	43	330847	52.31	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	227863	54.44	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	257488	65.62	ug/l	88
77) Bromobenzene	11.26	156	208398	48.56	ug/l	98
78) n-propylbenzene	11.37	91	830964	48.96	ug/l	100
79) 2-Chlorotoluene	11.43	91	494798	49.33	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	634199	50.60	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	58304	45.88	ug/l	95
82) 4-Chlorotoluene	11.52	91	591319	48.79	ug/l	99
83) tert-Butylbenzene	11.77	119	640889	50.69	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	649871	50.38	ug/l	100
85) sec-Butylbenzene	11.95	105	758862	50.28	ug/l	99
86) p-Isopropyltoluene	12.07	119	698345	50.02	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	384521	47.86	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	388036	47.05	ug/l	100
89) n-Butylbenzene	12.40	91	601393	48.41	ug/l	100
90) Hexachloroethane	12.60	117	105678	53.42	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	385917	49.61	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	52845	60.27	ug/l	96

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX042418\
Quantitation Report (Not Reviewed)

Data File : VX001087.D
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Sample : VSTDCCC050
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Instrument :
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ClientSampleId :
VSTDCCC050

Quant Time: Apr 25 07:21:13 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 20 05:03:28 2018
Response via : Initial Calibration

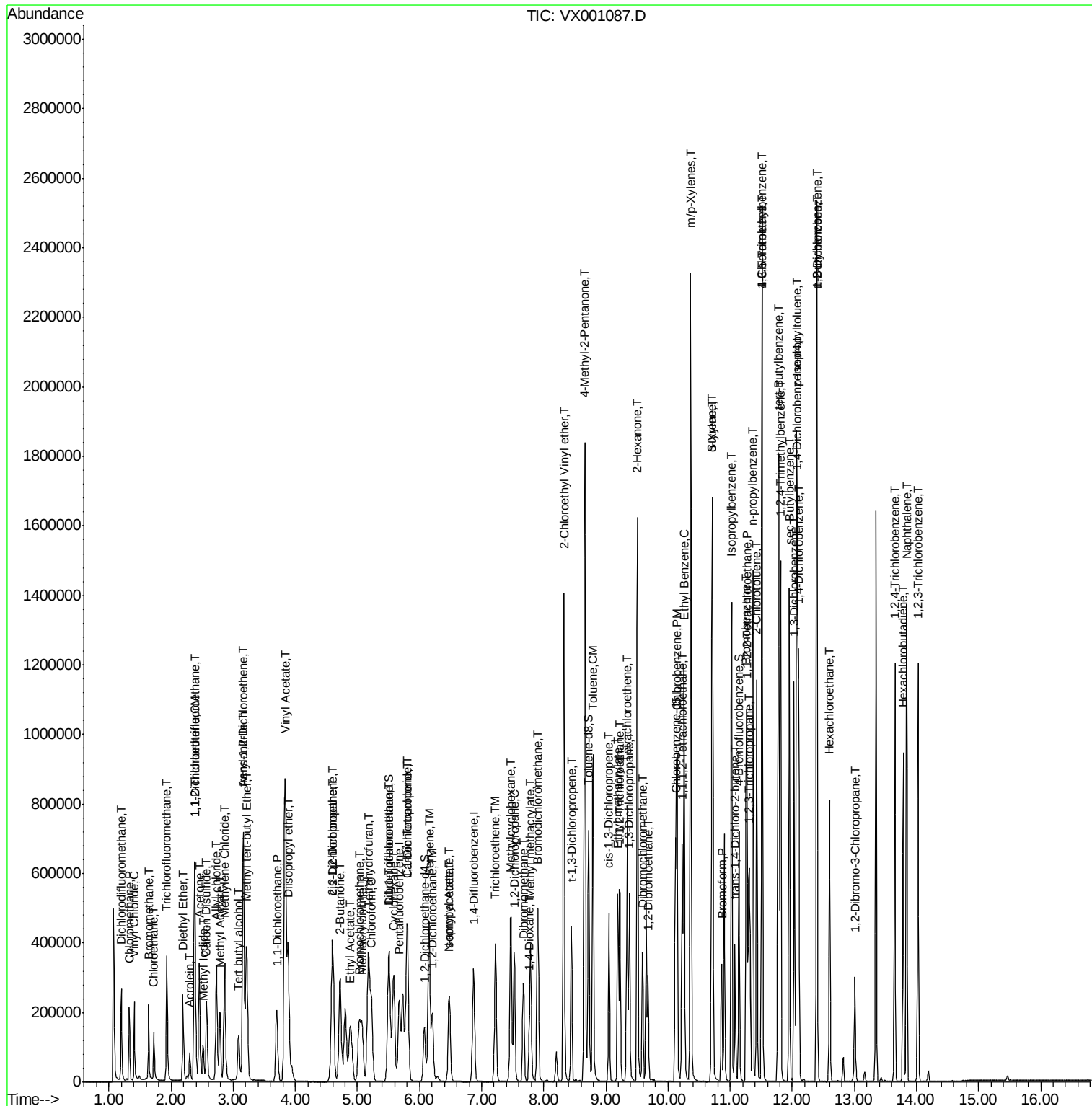
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	303129	46.42	ug/l	100
94) Hexachlorobutadiene	13.79	225	153965	52.11	ug/l	99
95) Naphthalene	13.84	128	858956	53.49	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	308714	48.88	ug/l	100

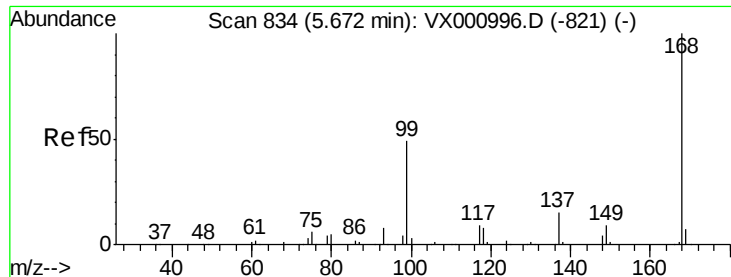
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial      : 14      Sample Multiplier: 1
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VSTDCCC050

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

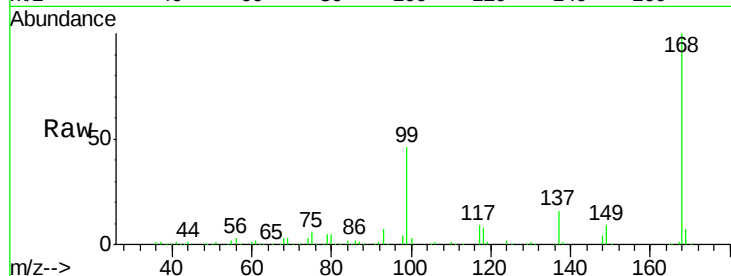
VSTDCCC050

Tgt Ion:168 Resp: 248945

Ion Ratio Lower Upper

168 100

99 45.7 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

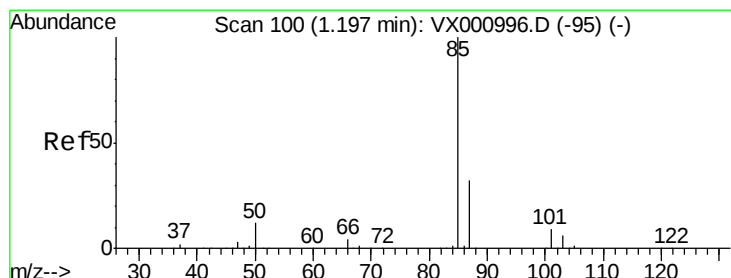
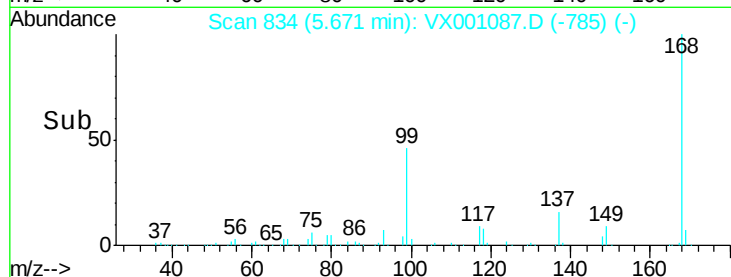
40000

20000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 50.34 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001087.D

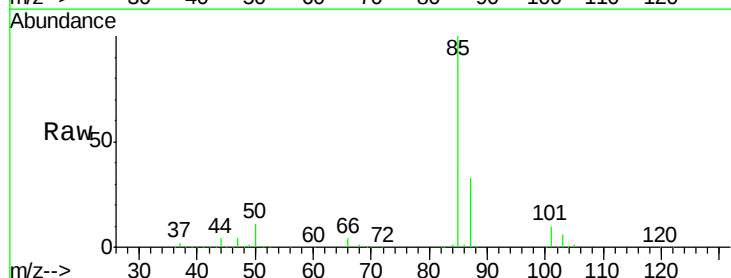
Acq: 24 Apr 2018 20:11

Tgt Ion: 85 Resp: 155426

Ion Ratio Lower Upper

85 100

87 32.6 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

150000

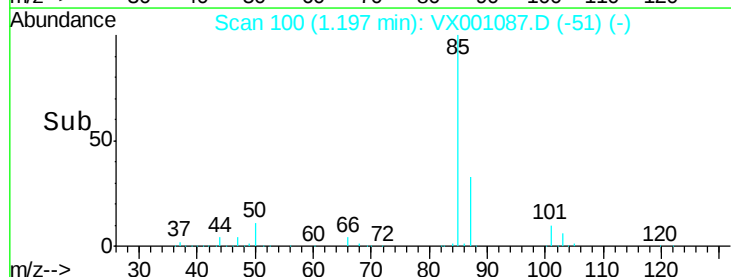
100000

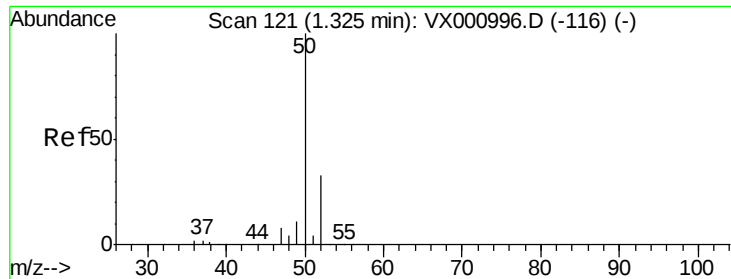
50000

0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 47.28 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

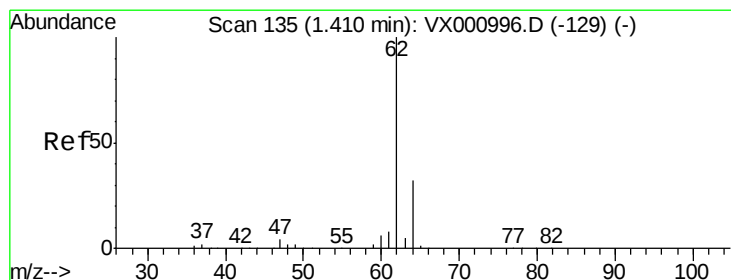
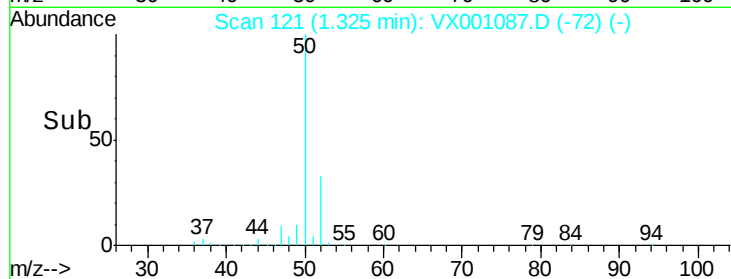
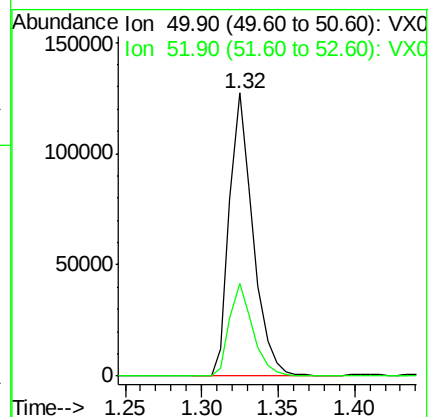
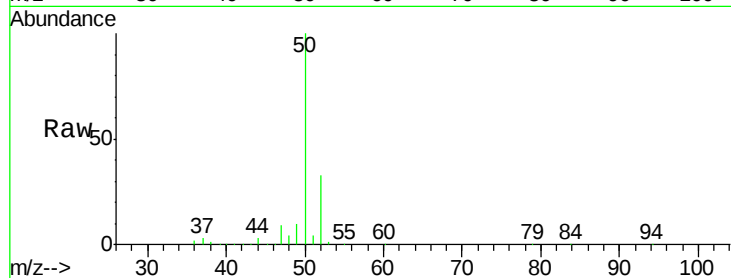
VSTDCCC050

Tgt Ion: 50 Resp: 135928

Ion Ratio Lower Upper

50 100

52 32.5 26.3 39.5



#4

Vinyl Chloride

Concen: 48.16 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX001087.D

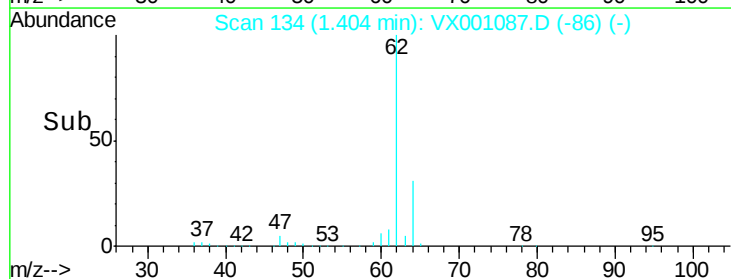
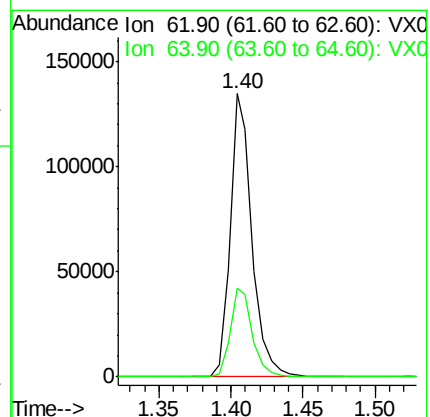
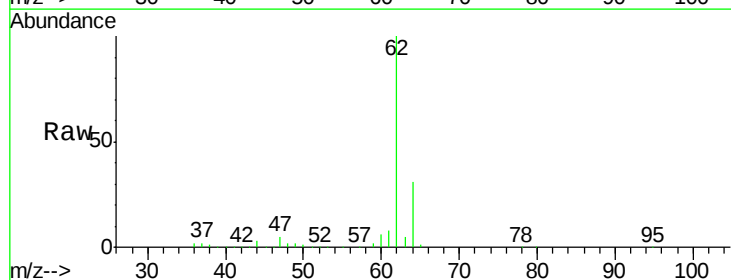
Acq: 24 Apr 2018 20:11

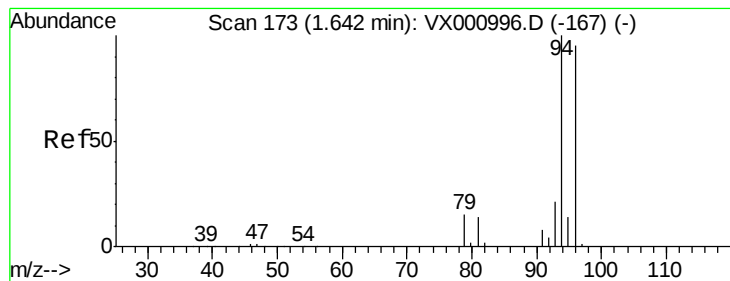
Tgt Ion: 62 Resp: 143499

Ion Ratio Lower Upper

62 100

64 31.3 25.6 38.4





#5

Bromomethane

Concen: 46.04 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.01 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

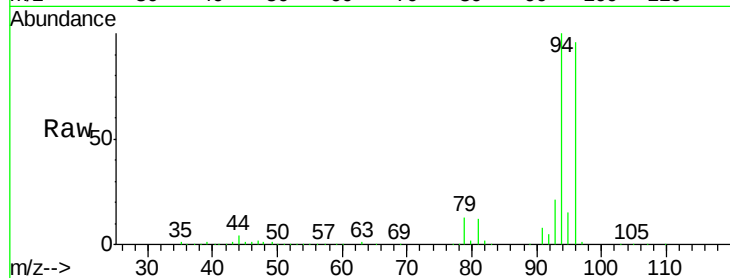
VSTDCCC050

Tgt Ion: 94 Resp: 79789

Ion Ratio Lower Upper

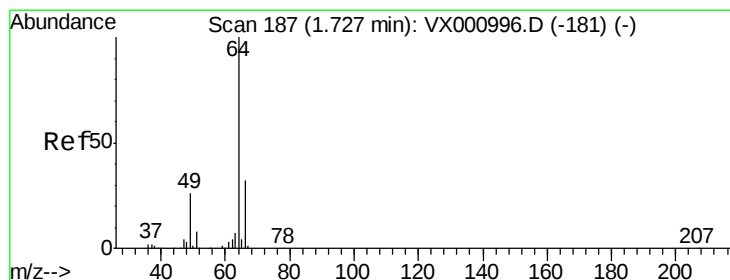
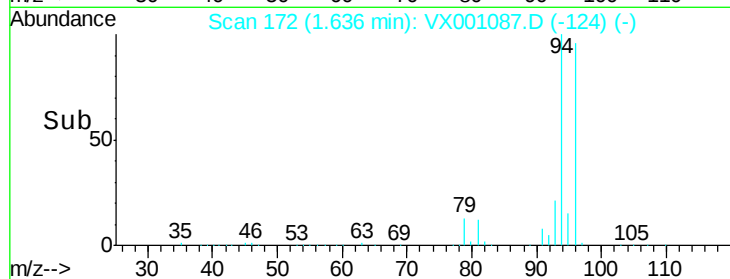
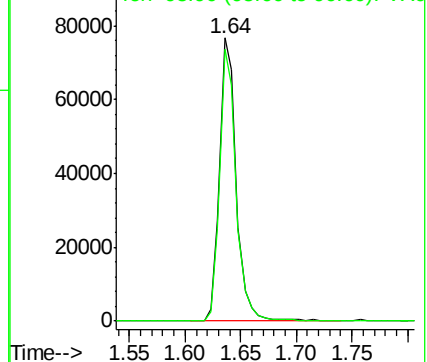
94 100

96 95.9 76.0 114.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.85 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX001087.D

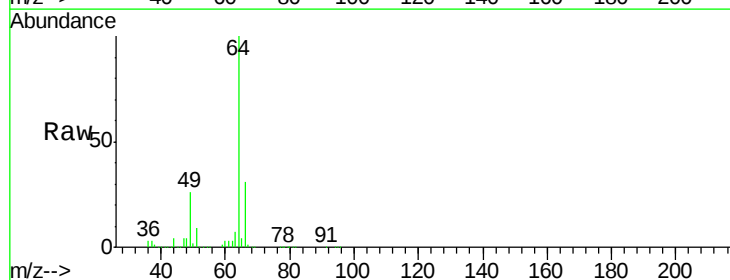
Acq: 24 Apr 2018 20:11

Tgt Ion: 64 Resp: 88256

Ion Ratio Lower Upper

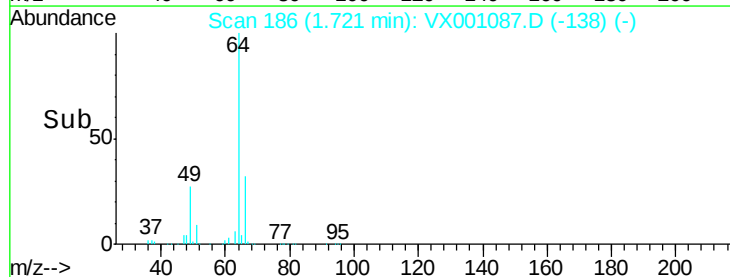
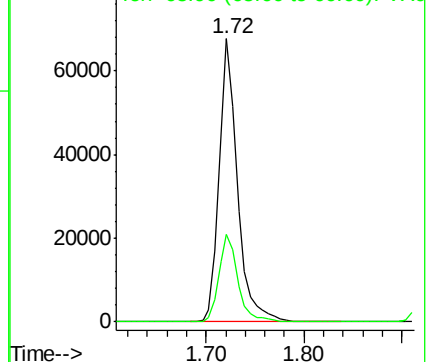
64 100

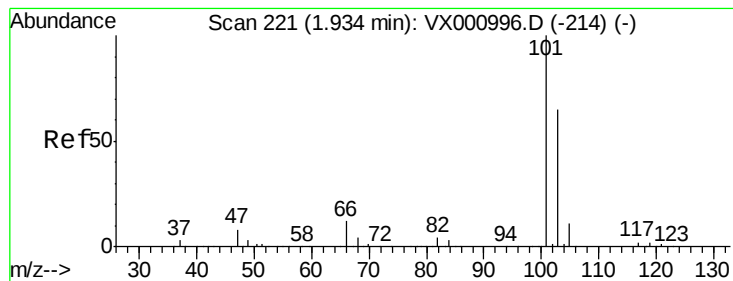
66 30.8 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 51.66 ug/l

RT: 1.93 min Scan# 220

Delta R.T. -0.01 min

Lab File: VX001087.D

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Instrument :

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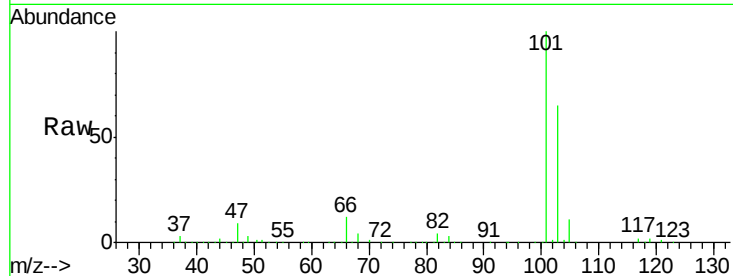
VSTDCCC050

Tgt Ion: 101 Resp: 231264

Ion Ratio Lower Upper

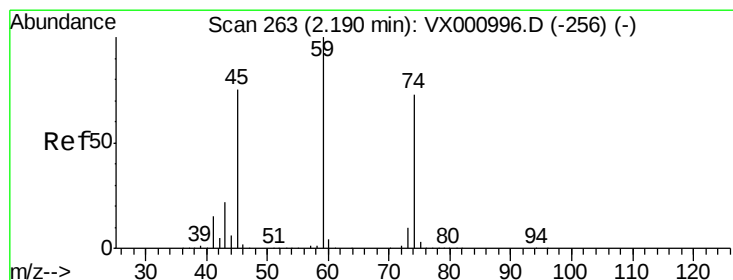
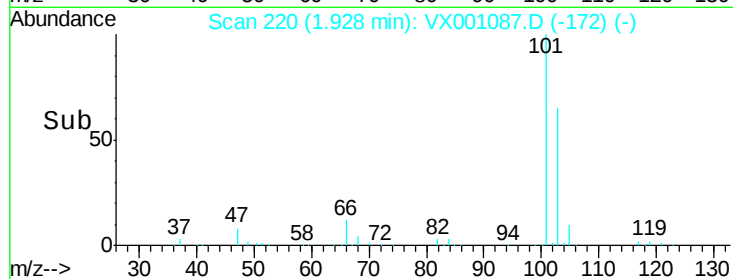
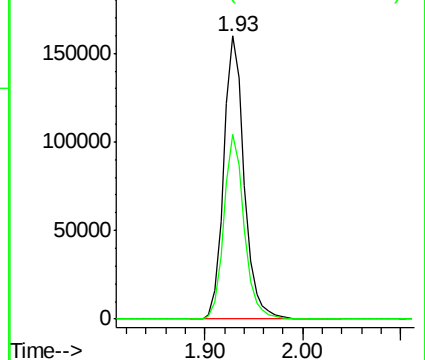
101 100

103 65.2 51.8 77.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 50.42 ug/l

RT: 2.19 min Scan# 263

Delta R.T. -0.00 min

Lab File: VX001087.D

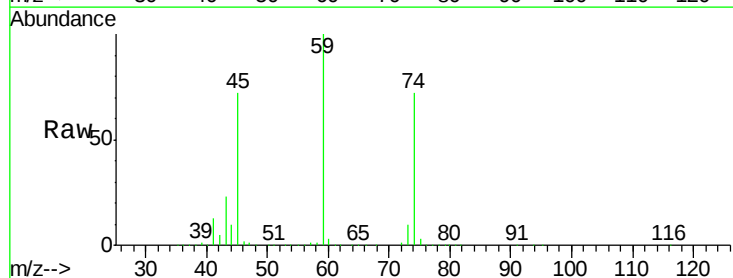
Acq: 24 Apr 2018 20:11

Tgt Ion: 74 Resp: 83365

Ion Ratio Lower Upper

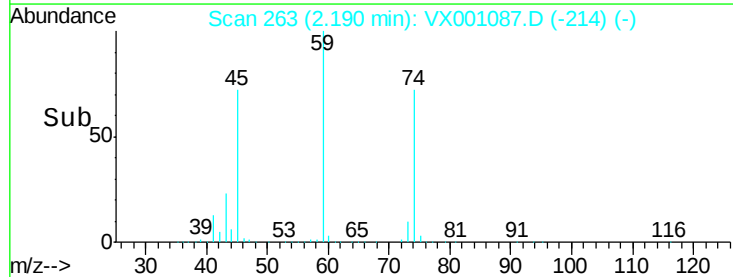
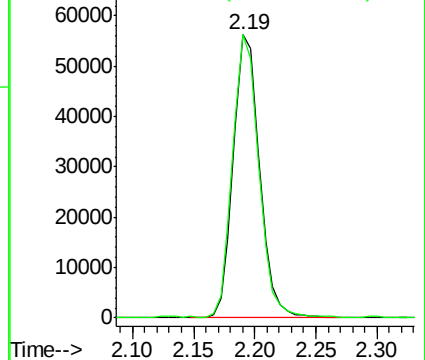
74 100

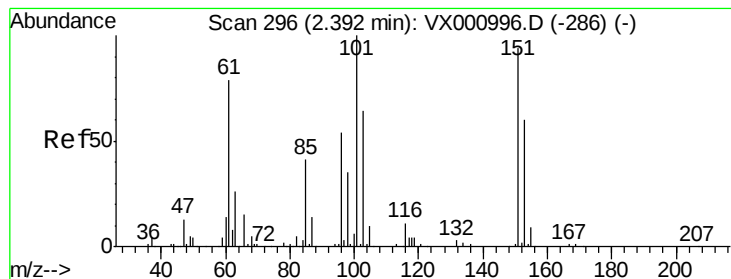
45 99.1 49.0 147.0



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.10 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX001087.D

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MSVOA_X

ClientSampleId :

VSTDCCC050

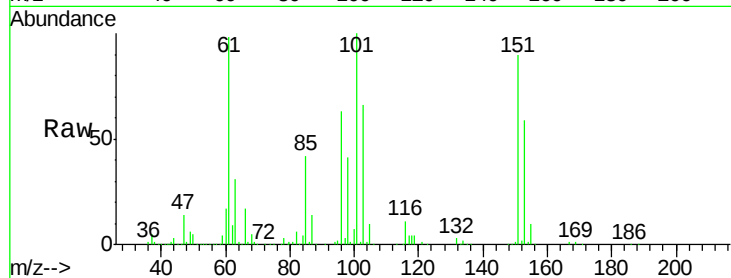
Tgt Ion:101 Resp: 131417

Ion Ratio Lower Upper

101 100

85 43.3 33.9 50.9

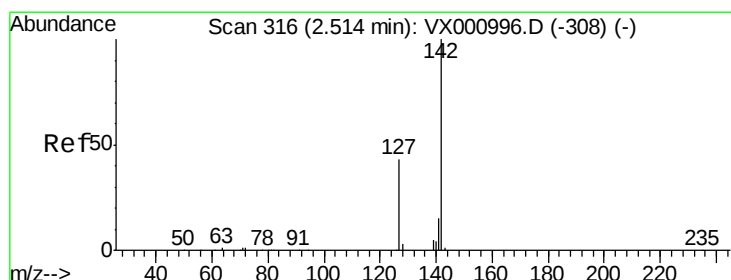
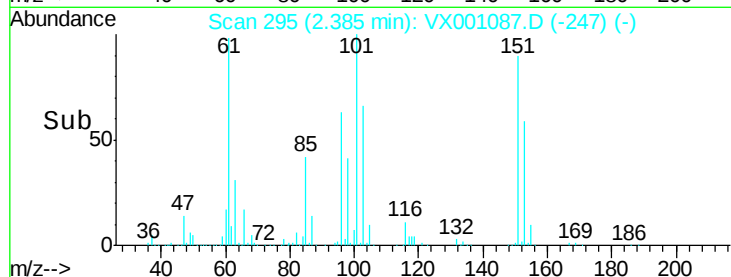
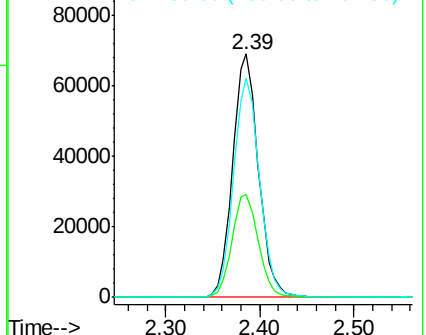
151 91.1 73.5 110.3



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: 42.06 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

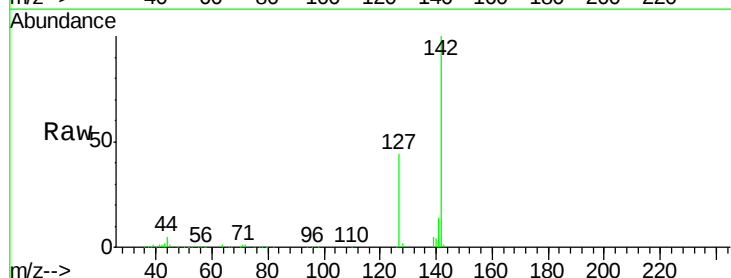
Tgt Ion:142 Resp: 105174

Ion Ratio Lower Upper

142 100

127 43.4 34.0 51.0

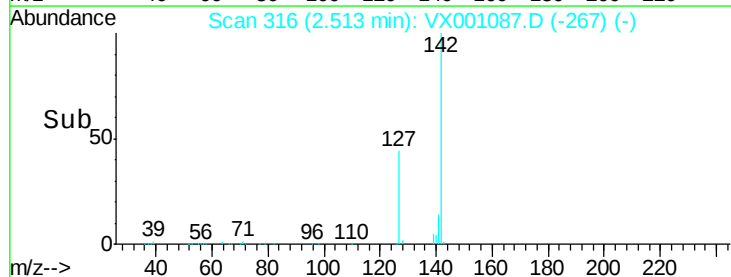
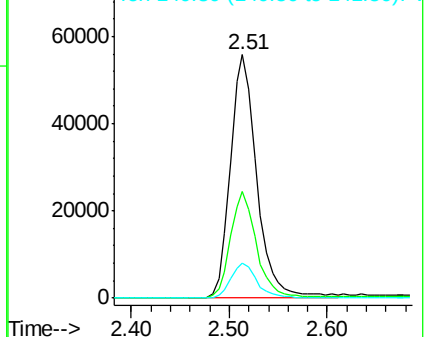
141 14.0 11.4 17.2

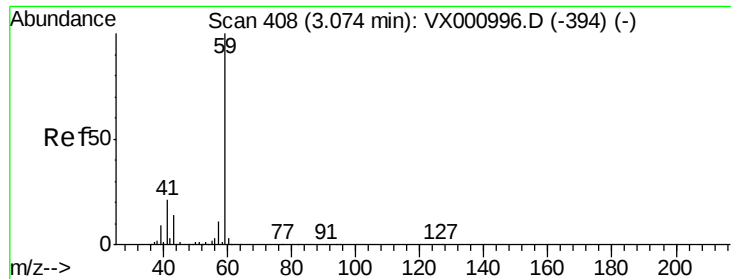


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

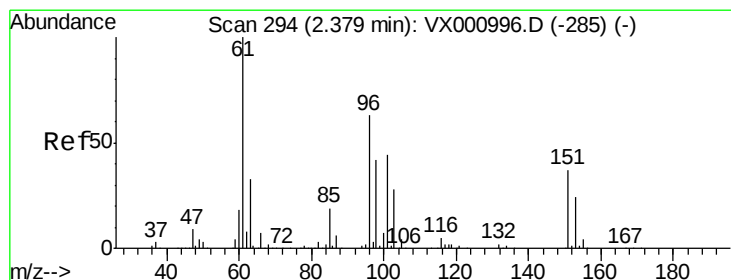
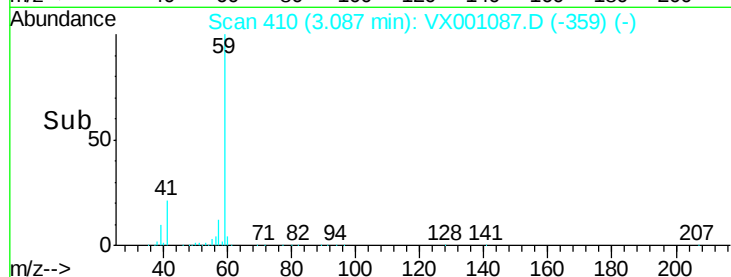
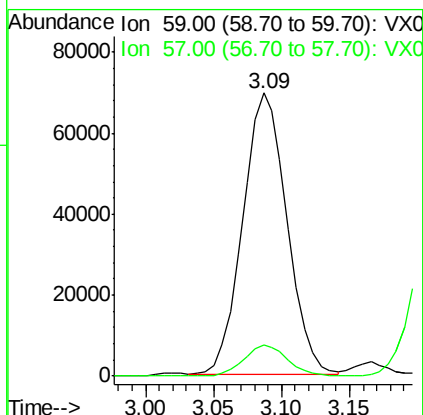
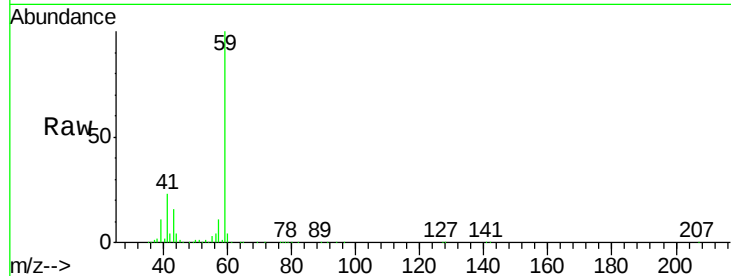




#11
Tert butyl alcohol
Concen: 330.68 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX001087.D
Acq: 24 Apr 2018 20:11

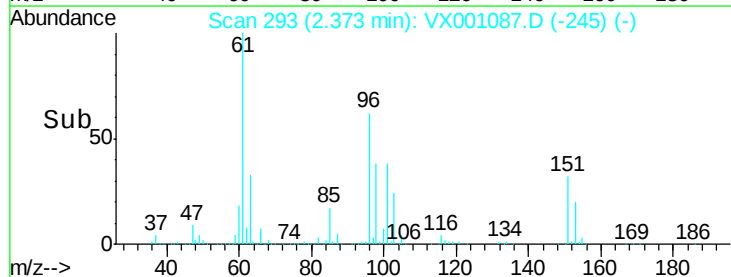
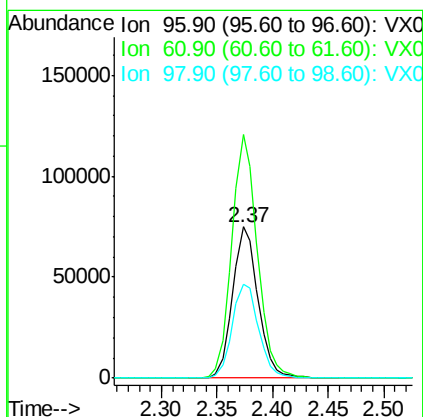
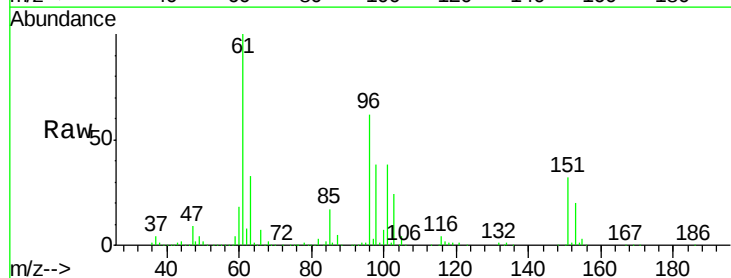
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

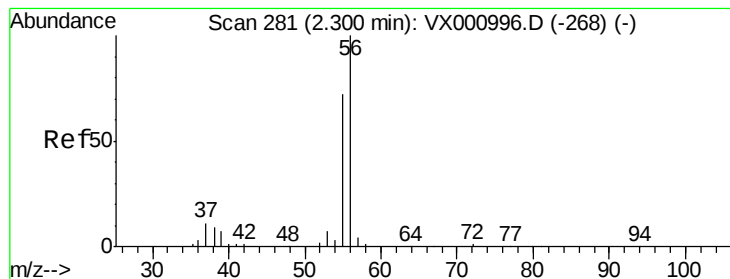
Tgt Ion: 59 Resp: 157377
Ion Ratio Lower Upper
59 100
57 11.1 8.3 12.5



#12
1,1-Dichloroethene
Concen: 49.04 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.01 min
Lab File: VX001087.D
Acq: 24 Apr 2018 20:11

Tgt Ion: 96 Resp: 118950
Ion Ratio Lower Upper
96 100
61 160.9 126.4 189.6
98 61.9 52.6 78.8





#13

Acrolein

Concen: 382.48 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

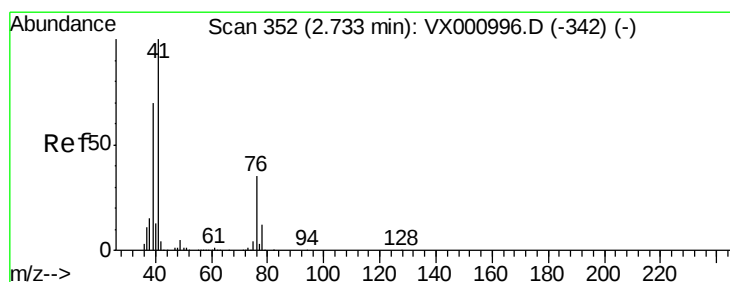
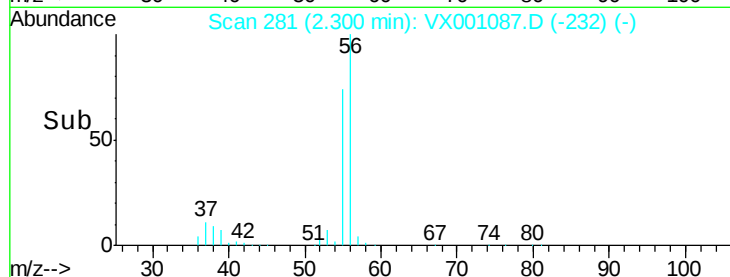
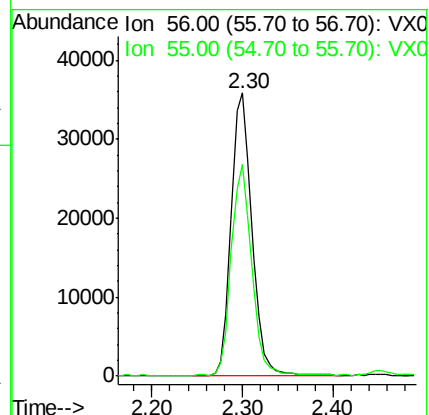
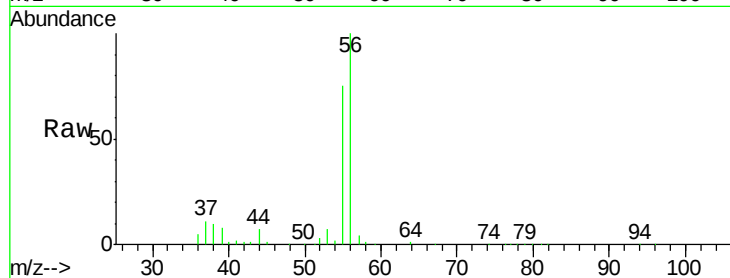
VSTDCCC050

Tgt Ion: 56 Resp: 57609

Ion Ratio Lower Upper

56 100

55 72.9 57.4 86.2



#14

Allyl chloride

Concen: 51.10 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.01 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

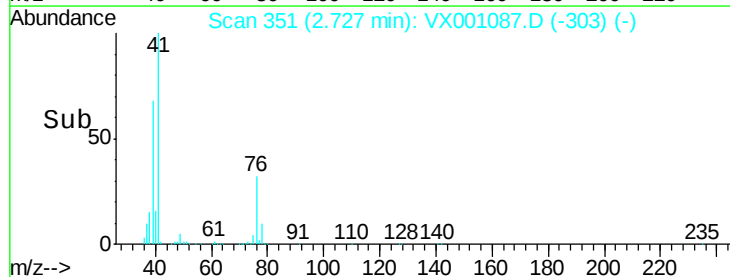
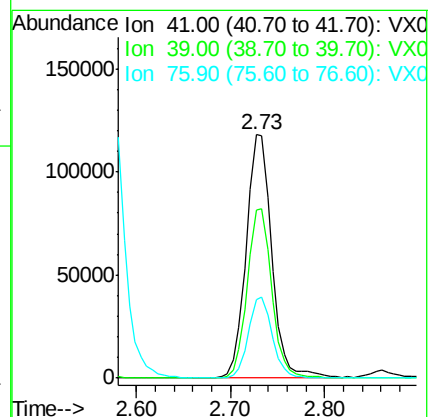
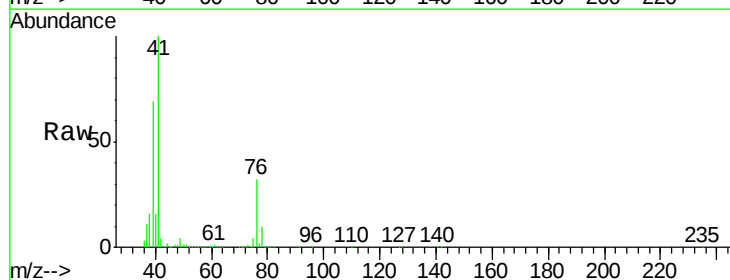
Tgt Ion: 41 Resp: 224289

Ion Ratio Lower Upper

41 100

39 66.8 53.0 79.6

76 31.2 25.9 38.9





#15

Acrylonitrile

Concen: 278.65 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

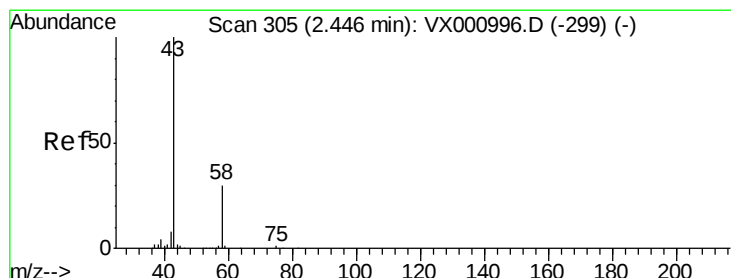
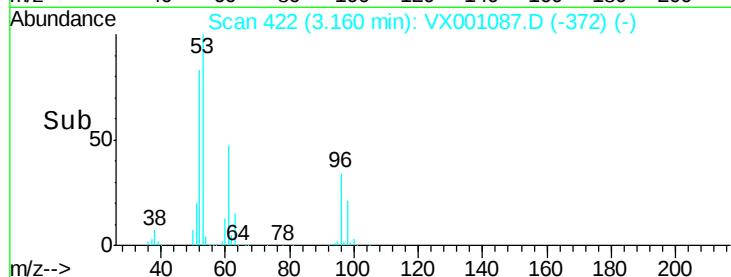
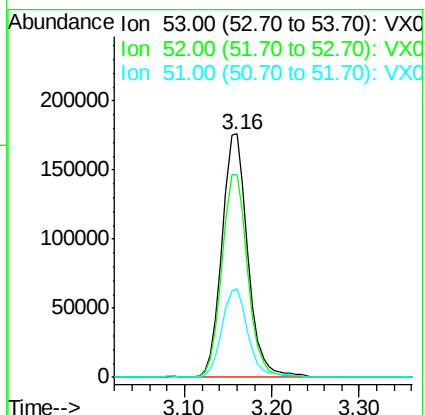
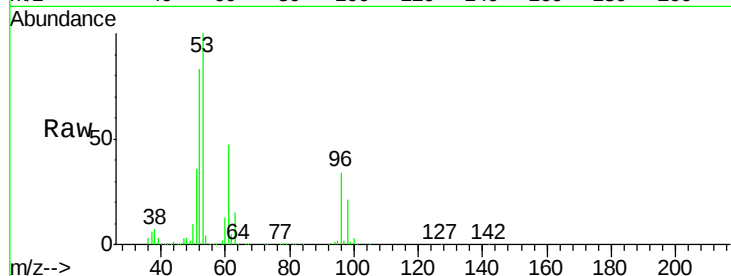
Tgt Ion: 53 Resp: 358909

Ion Ratio Lower Upper

53 100

52 83.4 66.4 99.6

51 37.2 29.0 43.6



#16

Acetone

Concen: 292.80 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX001087.D

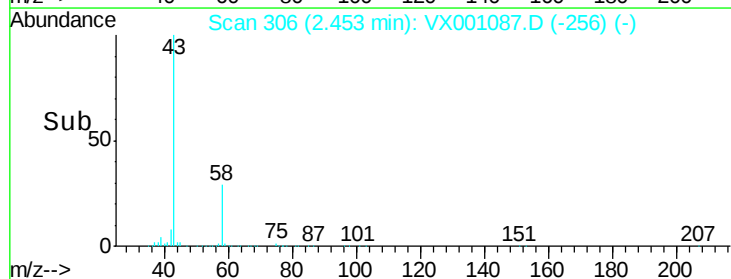
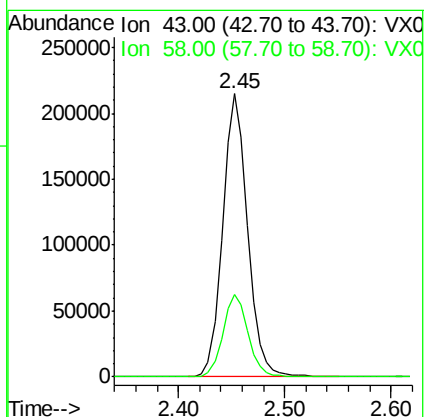
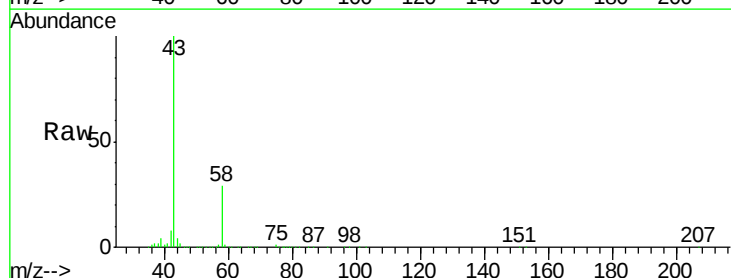
Acq: 24 Apr 2018 20:11

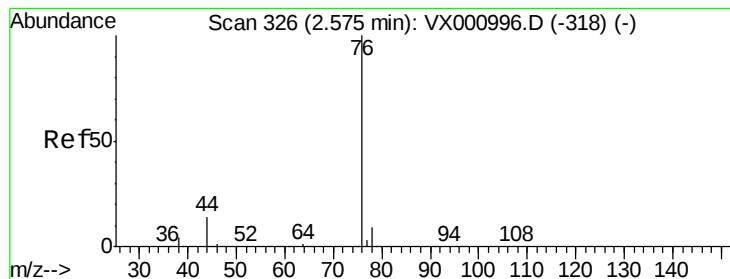
Tgt Ion: 43 Resp: 347930

Ion Ratio Lower Upper

43 100

58 29.3 23.7 35.5





#17

Carbon Disulfide

Concen: 42.40 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.01 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

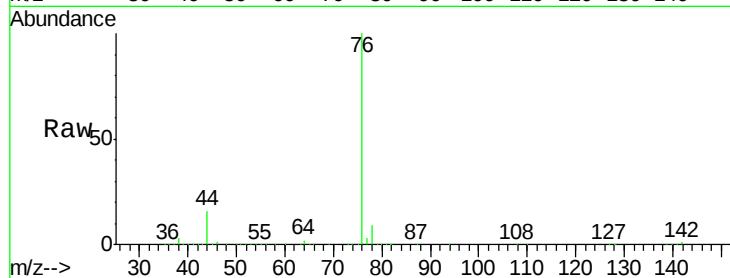
VSTDCCC050

Tgt Ion: 76 Resp: 293106

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

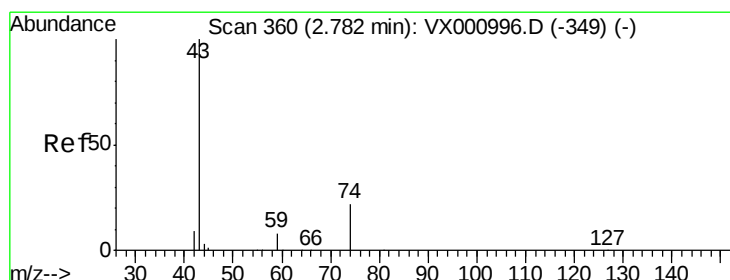
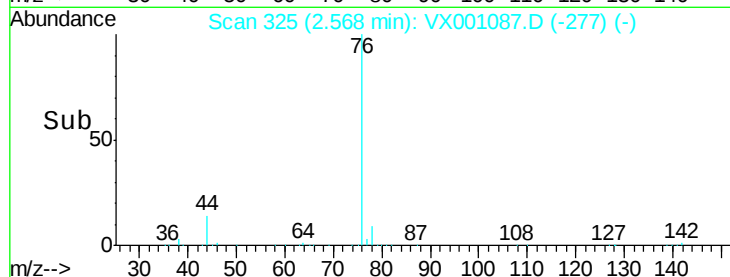
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 64.72 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX001087.D

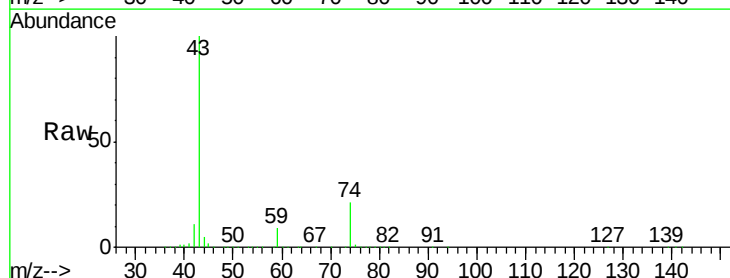
Acq: 24 Apr 2018 20:11

Tgt Ion: 43 Resp: 232720

Ion Ratio Lower Upper

43 100

74 22.8 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

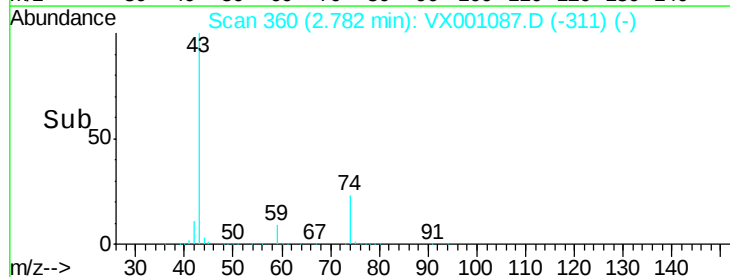
150000

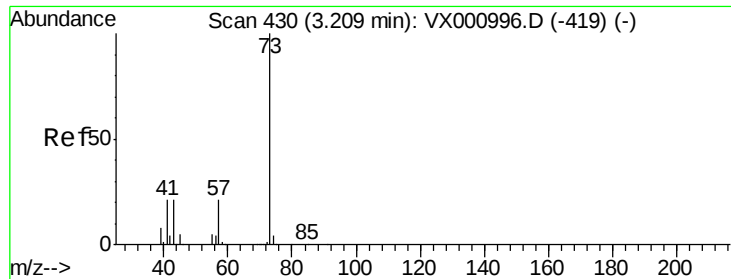
100000

50000

0

Time-->

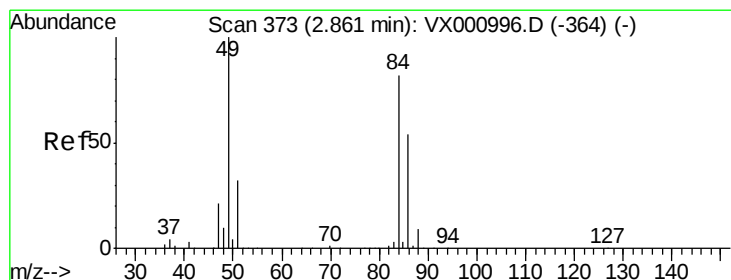
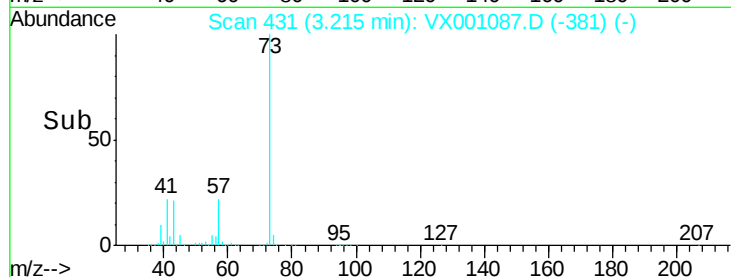
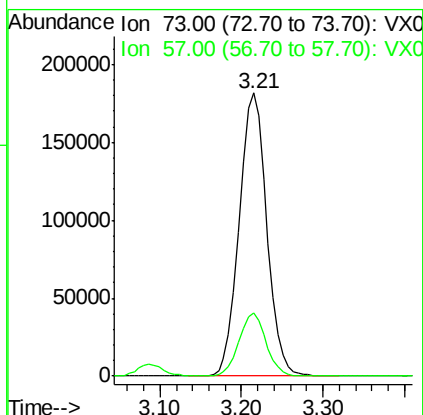
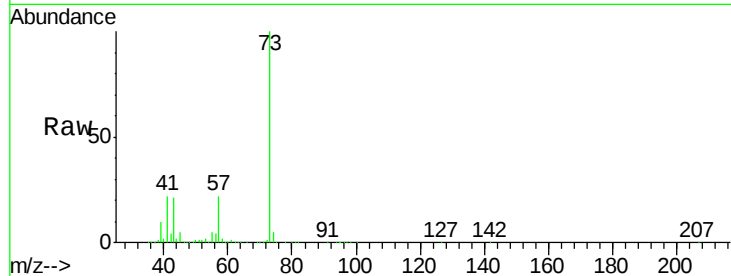




#19
Methyl tert-butyl Ether
Concen: 52.16 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.01 min
Lab File: VX001087.D
Acq: 24 Apr 2018 20:11

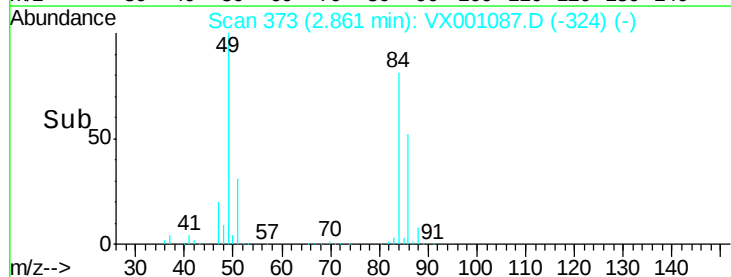
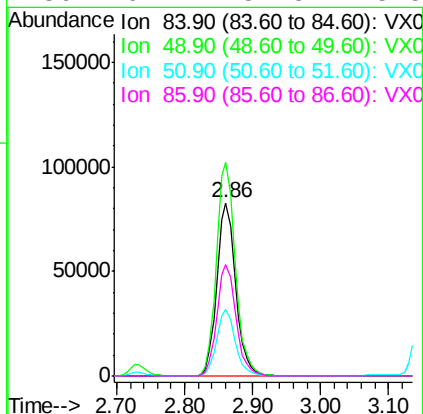
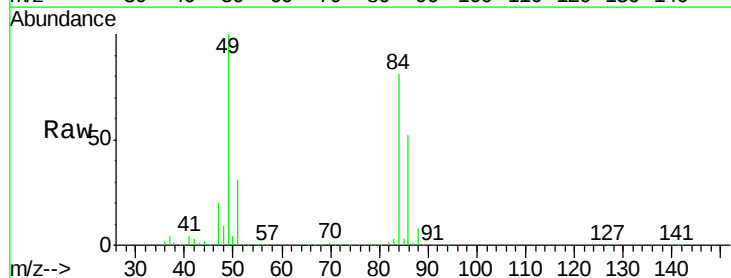
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

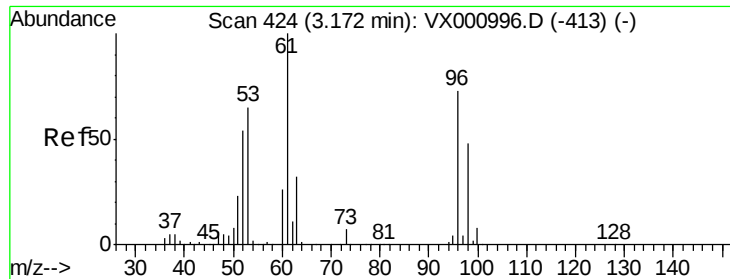
Tgt Ion: 73 Resp: 425314
Ion Ratio Lower Upper
73 100
57 22.3 17.1 25.7



#20
Methylene Chloride
Concen: 64.01 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX001087.D
Acq: 24 Apr 2018 20:11

Tgt Ion: 84 Resp: 159249
Ion Ratio Lower Upper
84 100
49 123.1 97.1 145.7
51 38.3 30.8 46.2
86 64.1 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 47.72 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

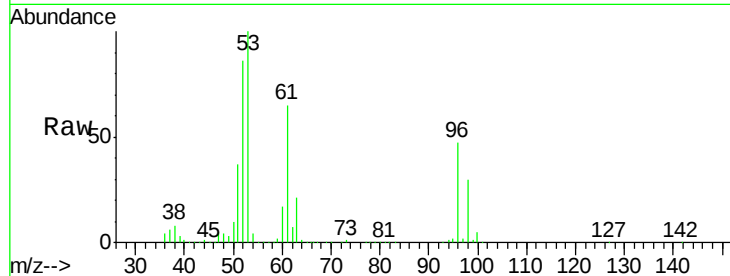
Tgt Ion: 96 Resp: 128846

Ion Ratio Lower Upper

96 100

61 139.1 109.4 164.2

98 64.9 52.6 78.8

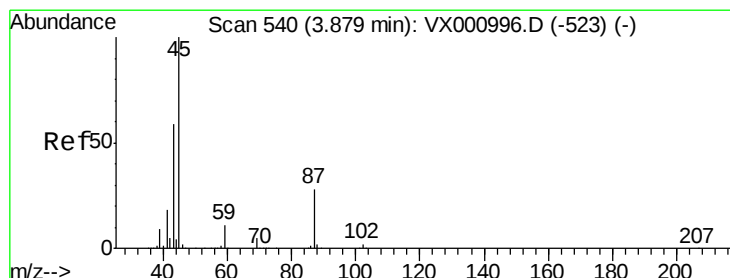
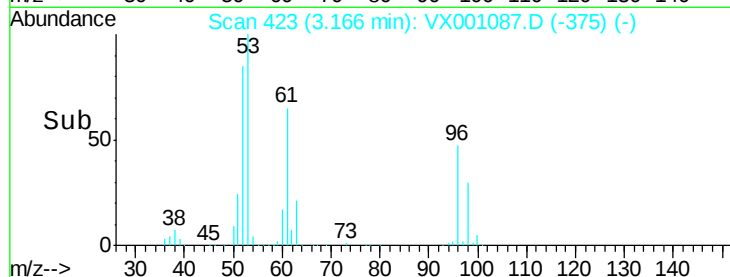
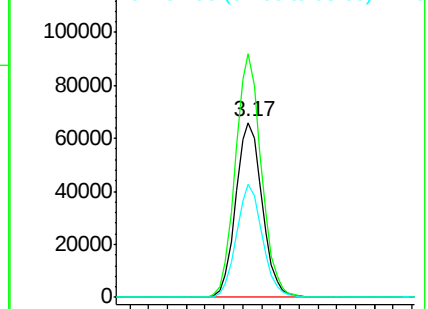


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 51.60 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

Tgt Ion: 45 Resp: 438493

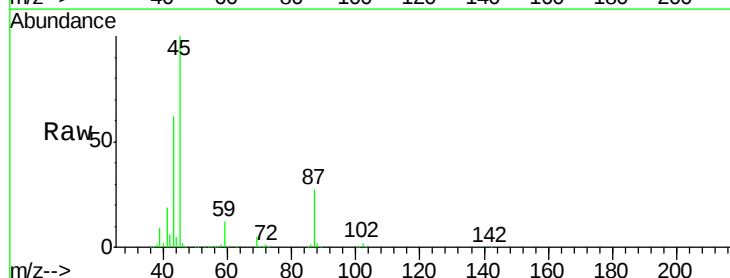
Ion Ratio Lower Upper

45 100

43 61.8 47.0 70.4

87 26.9 22.5 33.7

59 11.6 8.8 13.2



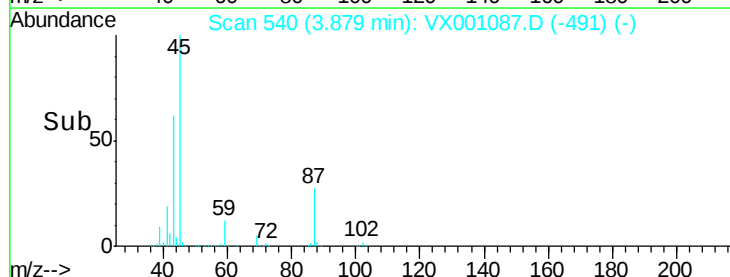
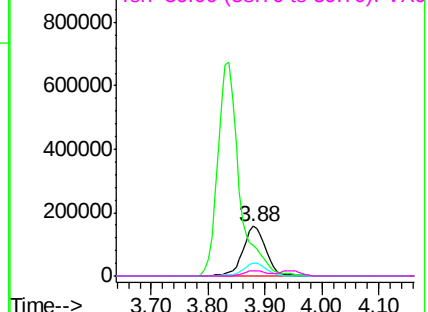
Abundance

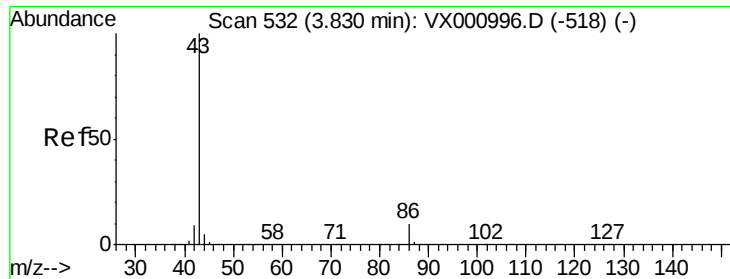
Ion 45.00 (44.70 to 45.70): VX0

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: 253.56 ug/l

RT: 3.84 min Scan# 533

Delta R.T. 0.01 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

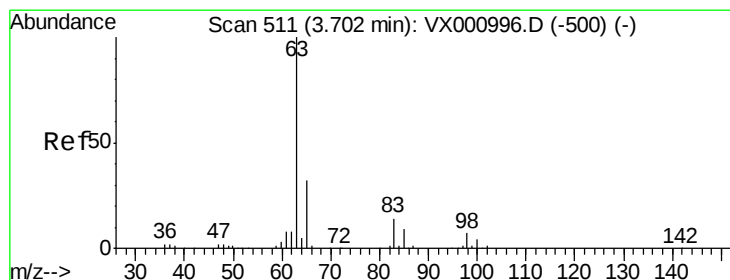
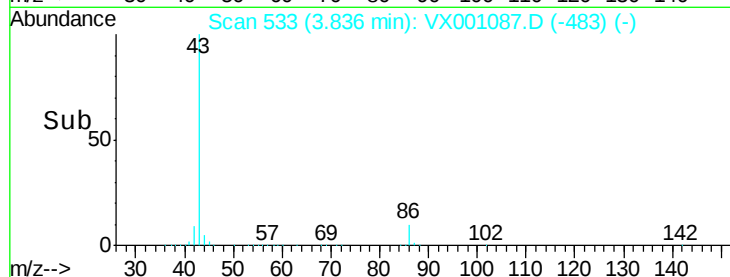
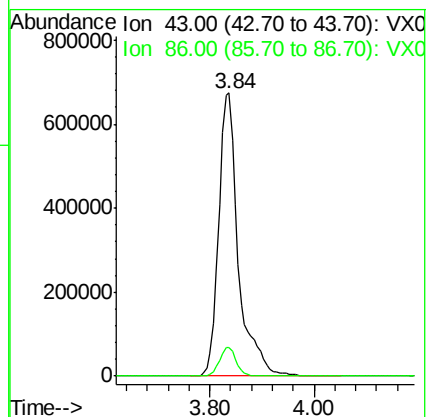
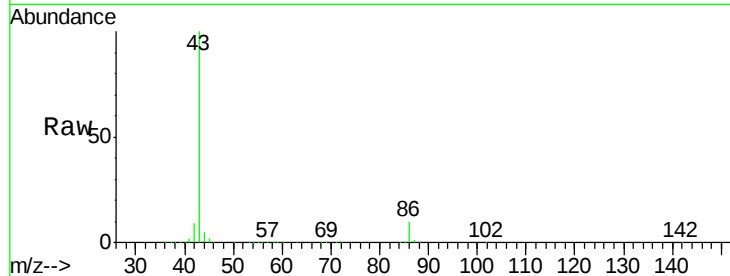
VSTDCCC050

Tgt Ion: 43 Resp: 1783761

Ion Ratio Lower Upper

43 100

86 10.1 8.1 12.1



#24

1,1-Dichloroethane

Concen: 49.17 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

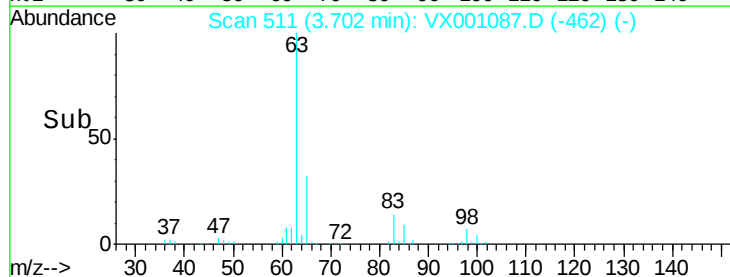
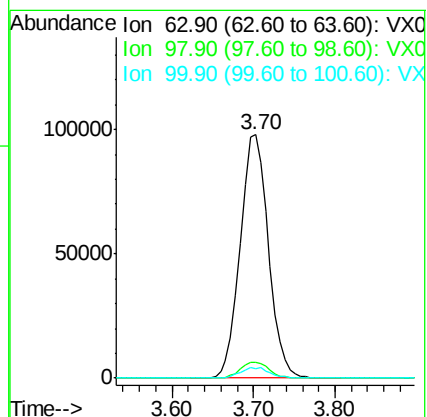
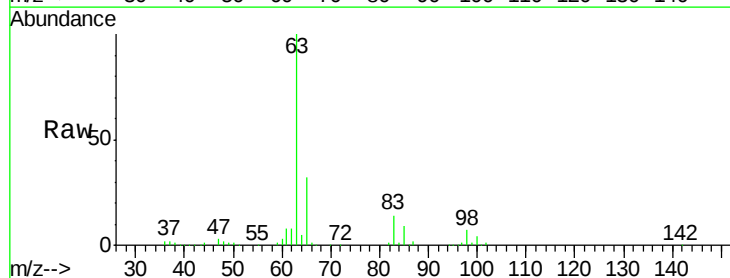
Tgt Ion: 63 Resp: 234355

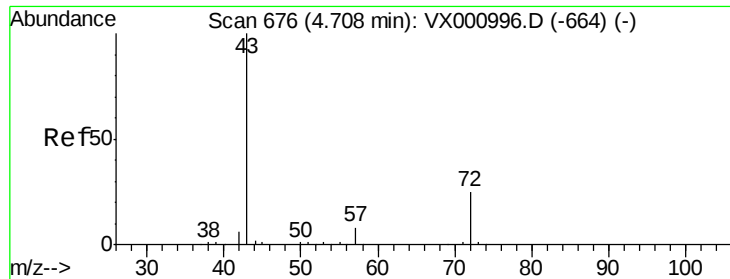
Ion Ratio Lower Upper

63 100

98 6.5 3.4 10.1

100 4.0 2.1 6.3





#25

2-Butanone

Concen: 284.06 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

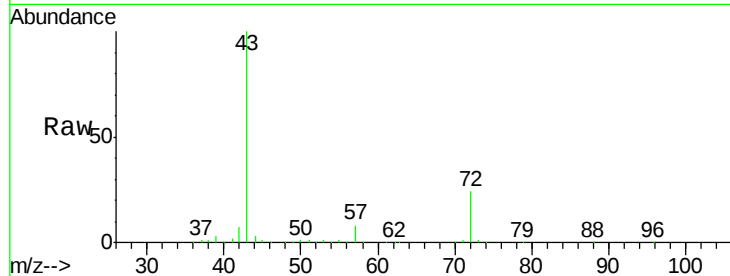
VSTDCCC050

Tgt Ion: 43 Resp: 526929

Ion Ratio Lower Upper

43 100

72 23.9 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

200000

150000

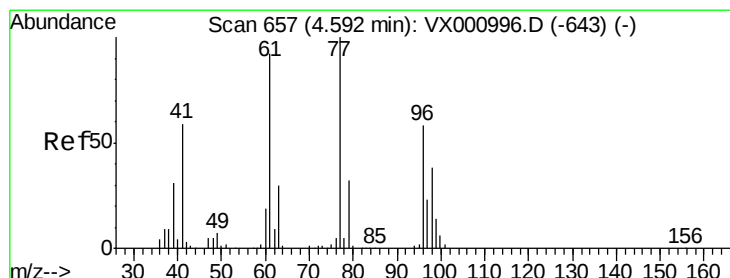
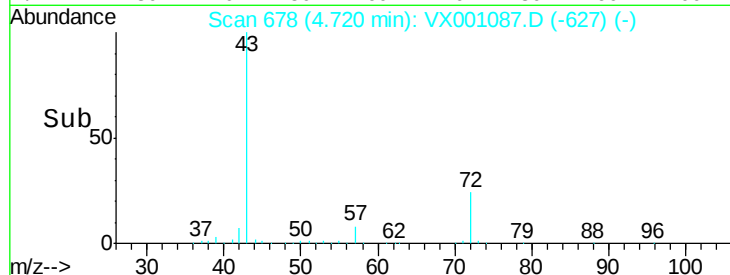
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 45.68 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX001087.D

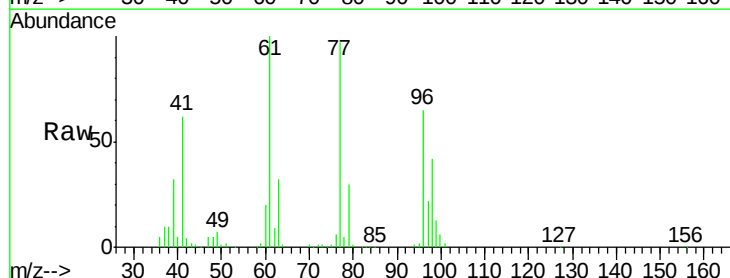
Acq: 24 Apr 2018 20:11

Tgt Ion: 77 Resp: 187290

Ion Ratio Lower Upper

77 100

97 22.9 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

60000

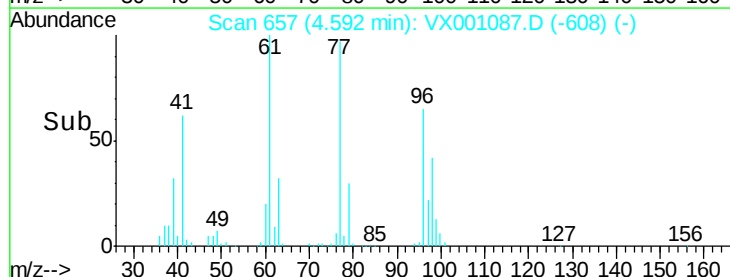
40000

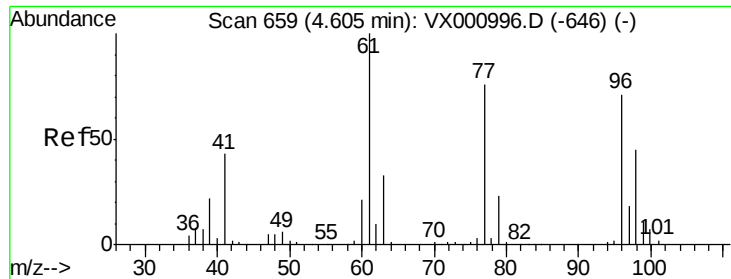
20000

0

4.50 4.60 4.70

Time-->





#27

cis-1,2-Dichloroethene

Concen: 48.46 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

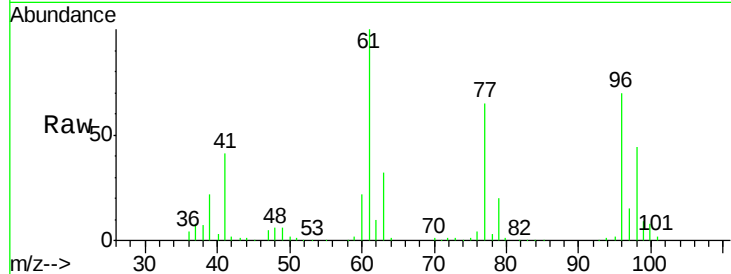
Tgt Ion: 96 Resp: 145747

Ion Ratio Lower Upper

96 100

61 147.0 0.0 297.0

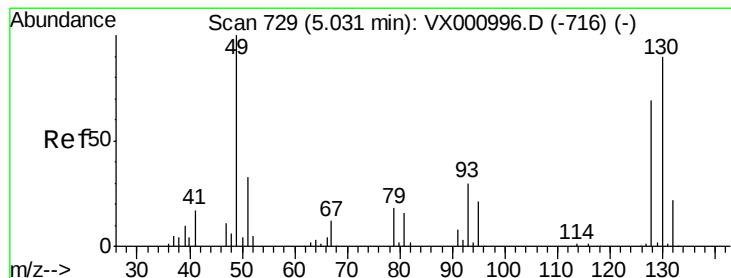
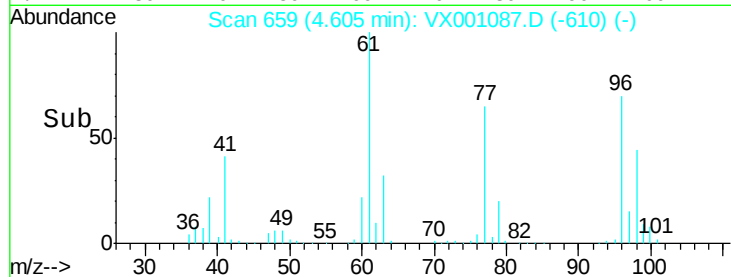
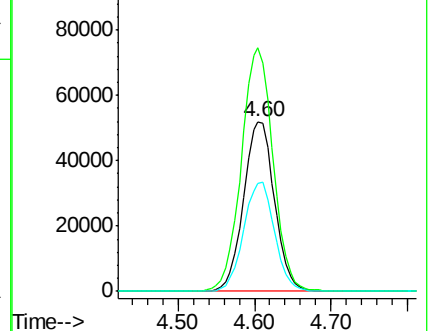
98 64.3 0.0 130.0



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: 60.77 ug/l

RT: 5.03 min Scan# 729

Delta R.T. -0.00 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

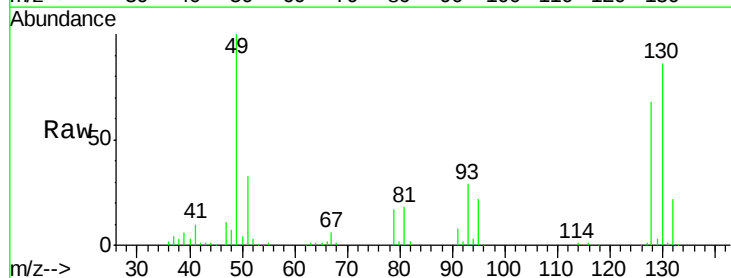
Tgt Ion: 49 Resp: 111381

Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.8

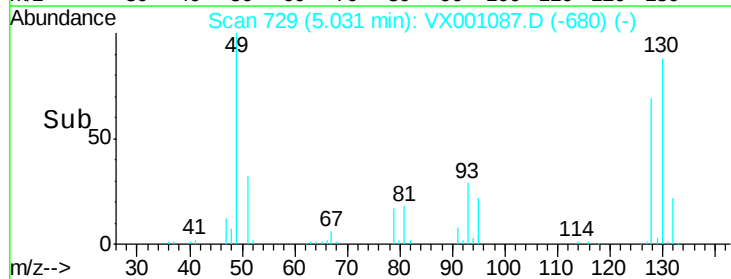
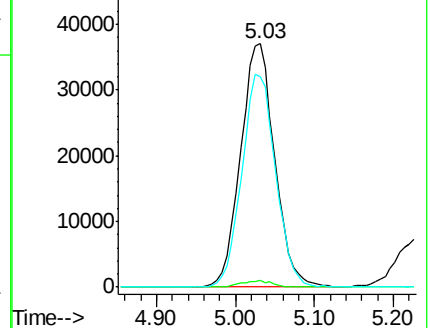
130 86.5 70.6 105.8

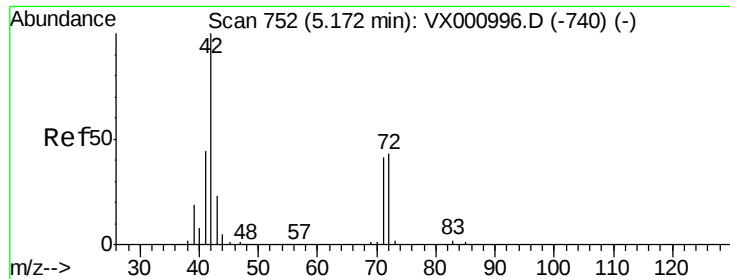


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 282.66 ug/l

RT: 5.18 min Scan# 753

Delta R.T. 0.01 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

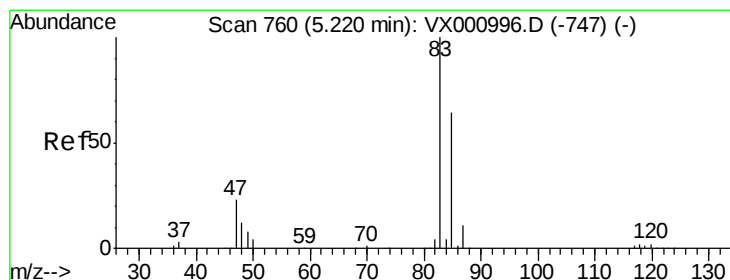
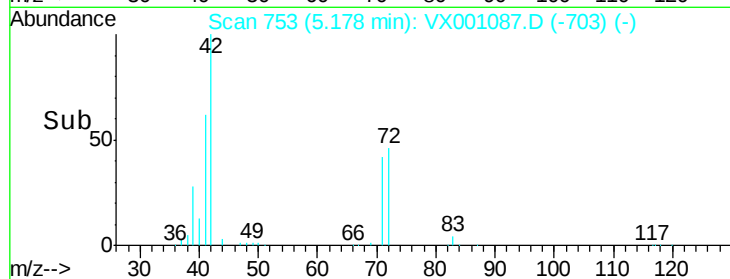
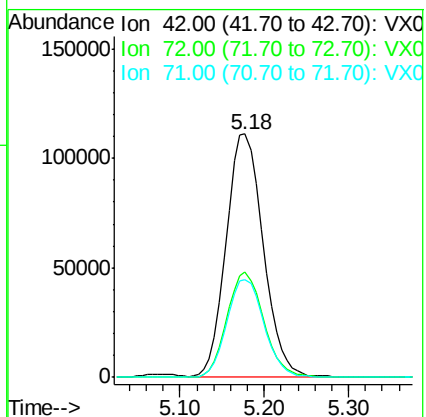
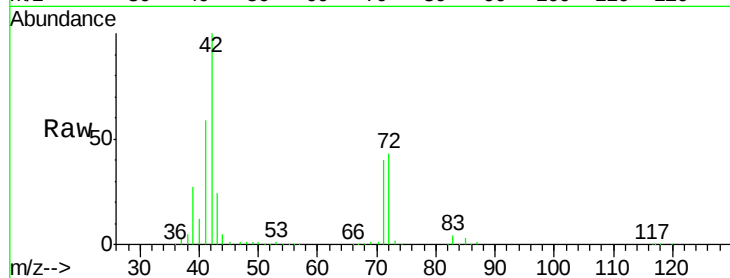
Tgt Ion: 42 Resp: 331341

Ion Ratio Lower Upper

42 100

72 43.2 34.6 52.0

71 40.7 32.6 49.0



#30

Chloroform

Concen: 51.43 ug/l

RT: 5.23 min Scan# 761

Delta R.T. 0.01 min

Lab File: VX001087.D

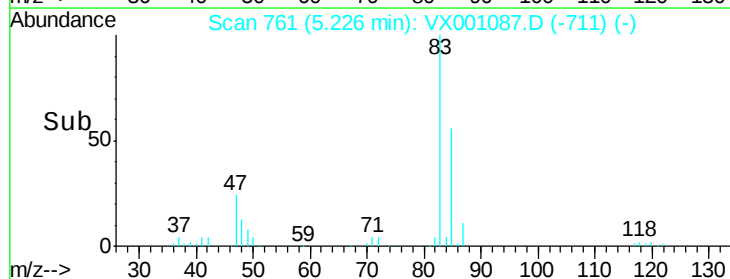
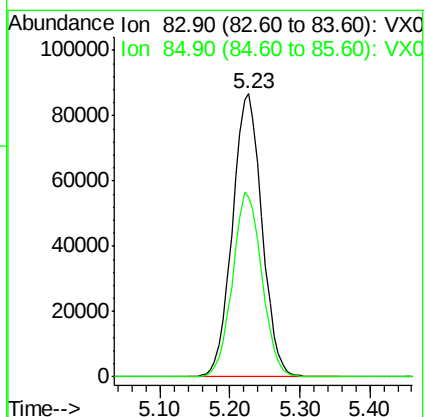
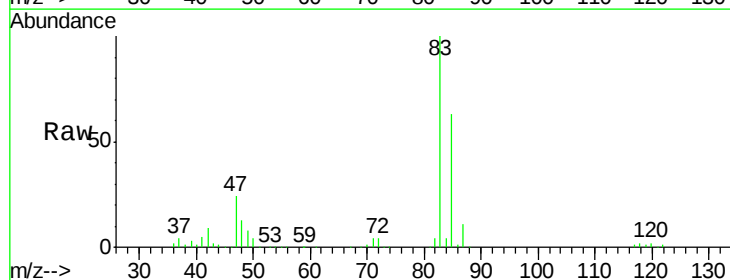
Acq: 24 Apr 2018 20:11

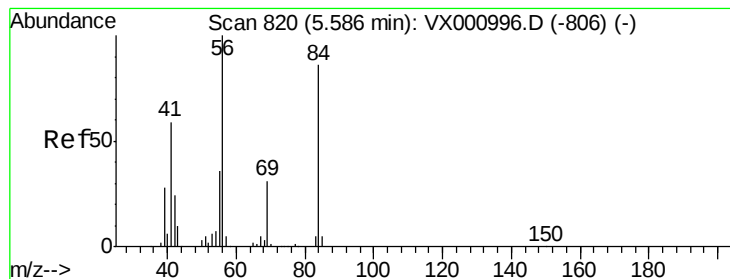
Tgt Ion: 83 Resp: 253862

Ion Ratio Lower Upper

83 100

85 63.4 51.3 76.9





#31

Cyclohexane

Concen: 46.75 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

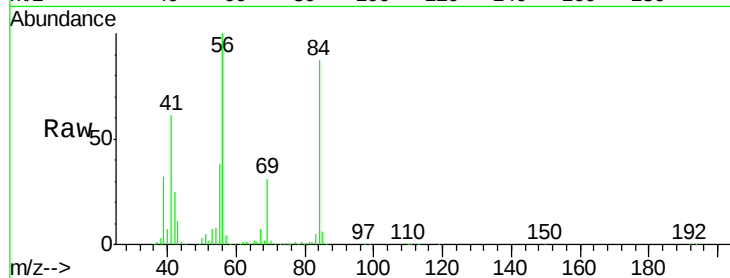
Tgt Ion: 56 Resp: 208003

Ion Ratio Lower Upper

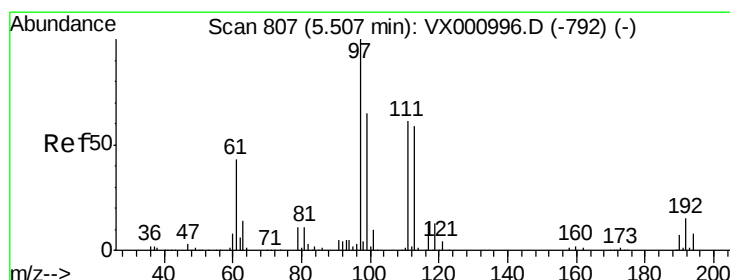
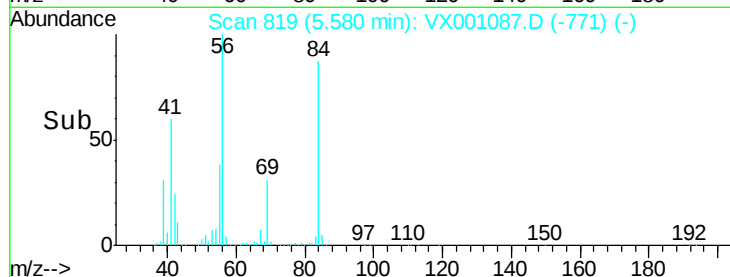
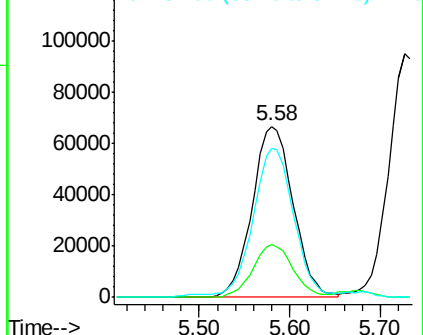
56 100

69 30.8 24.6 36.8

84 85.4 69.0 103.6



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



#32

1,1,1-Trichloroethane

Concen: 51.44 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

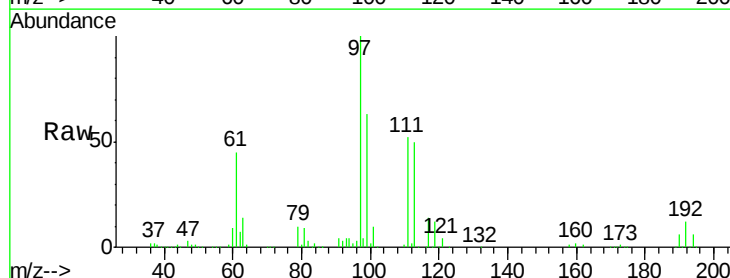
Tgt Ion: 97 Resp: 227679

Ion Ratio Lower Upper

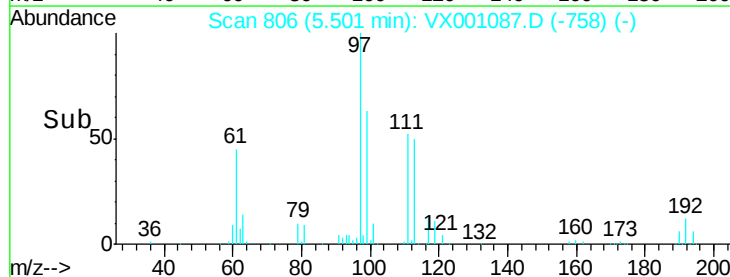
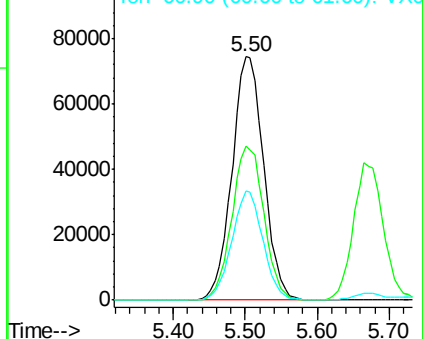
97 100

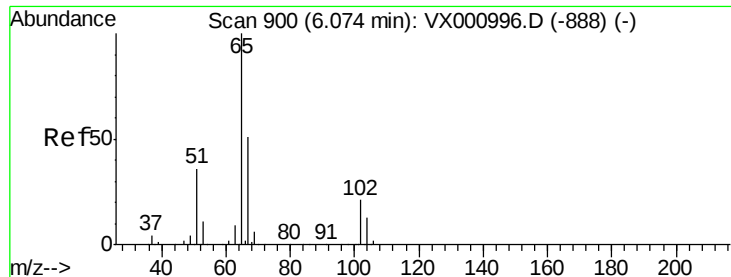
99 63.9 51.1 76.7

61 44.0 34.4 51.6



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: 48.61 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

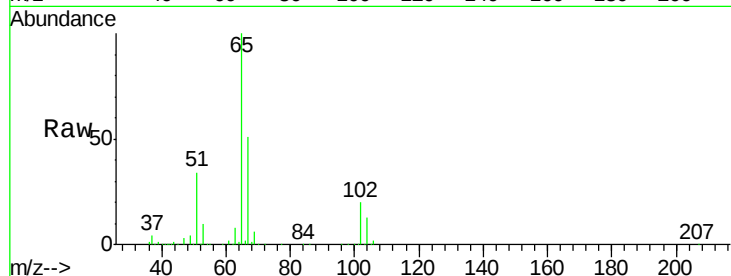
VSTDCCC050

Tgt Ion: 65 Resp: 153413

Ion Ratio Lower Upper

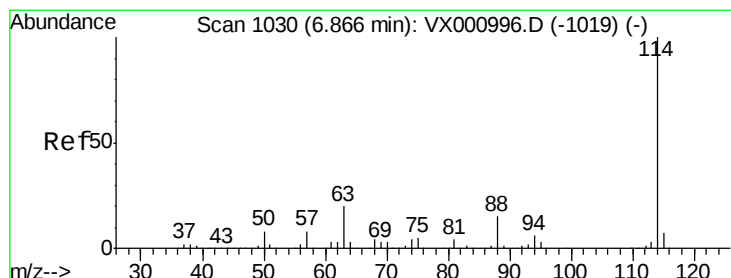
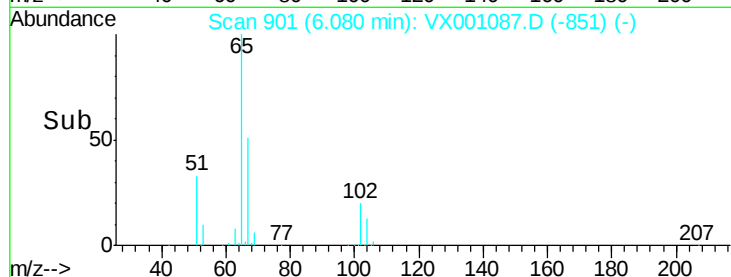
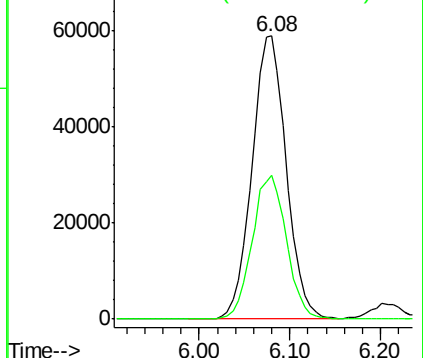
65 100

67 50.9 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

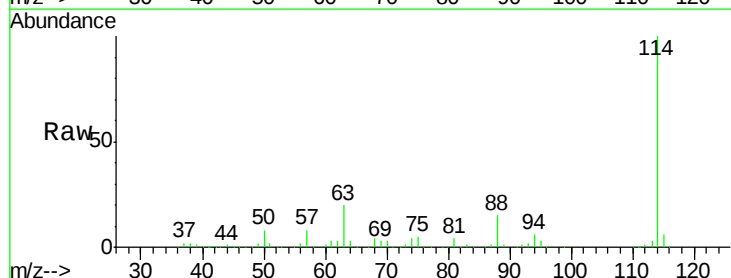
Tgt Ion: 114 Resp: 338823

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.4

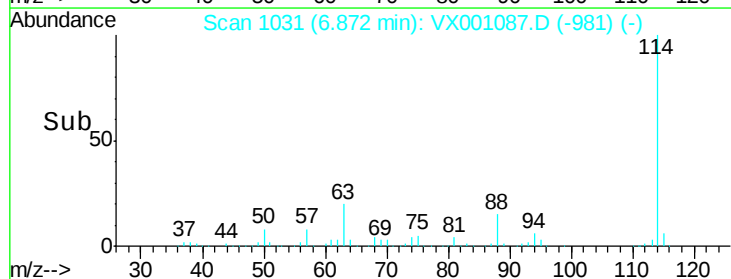
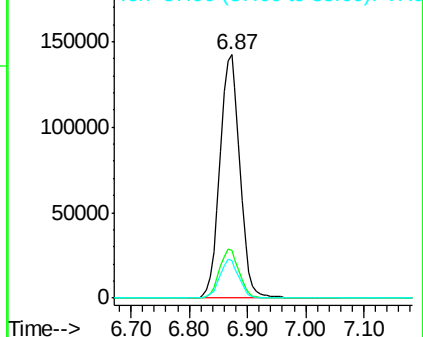
88 15.4 0.0 29.8

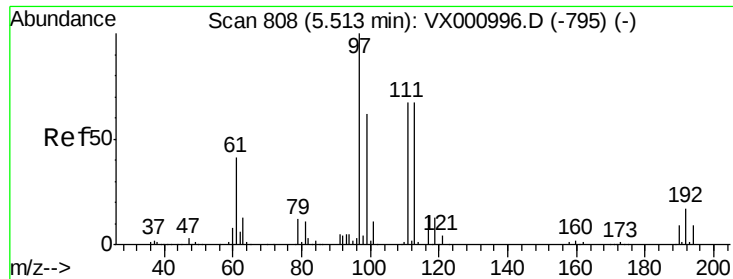


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

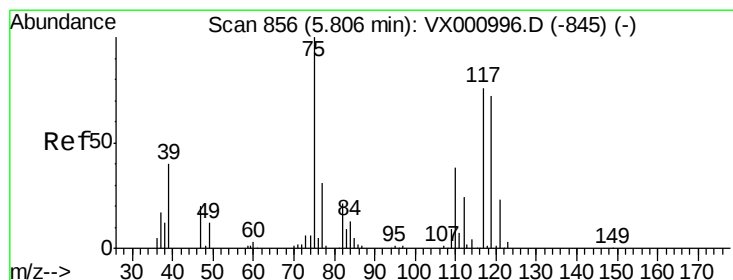
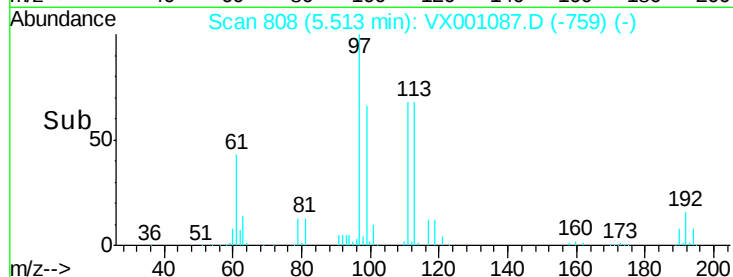
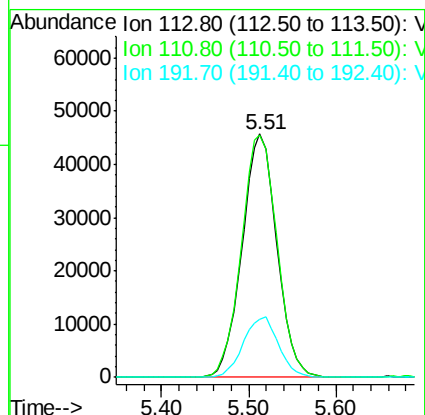
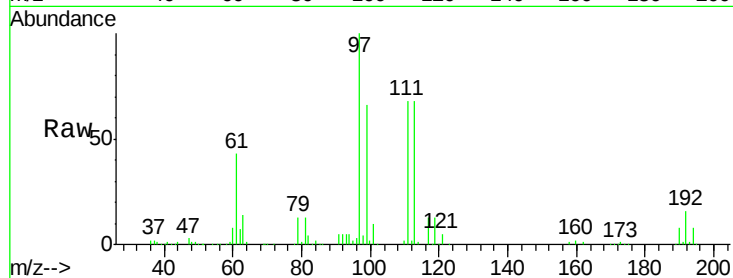




#35
 Dibromofluoromethane
 Concen: 48.84 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX001087.D
 Acq: 24 Apr 2018 20:11

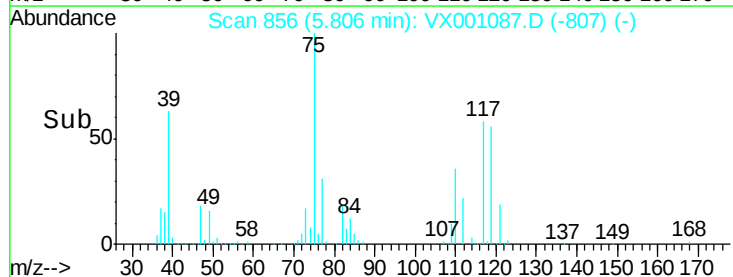
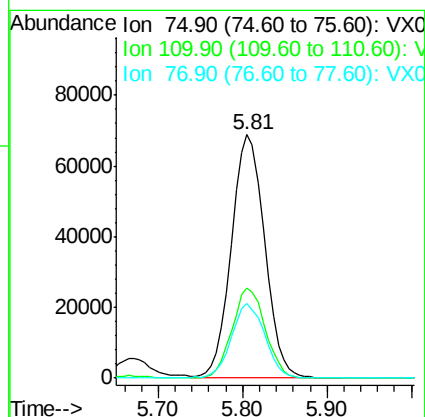
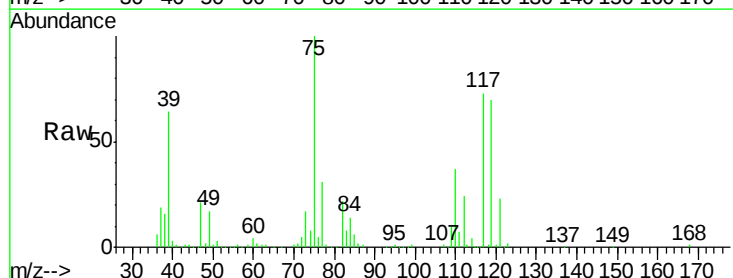
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

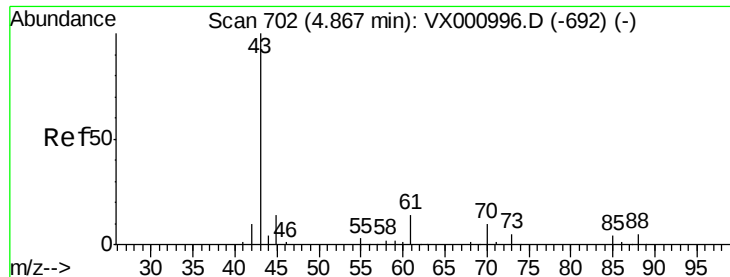
Tgt Ion:113 Resp: 126193
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.4 122.2
 192 25.2 20.4 30.6



#36
 1,1-Dichloropropene
 Concen: 46.20 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: VX001087.D
 Acq: 24 Apr 2018 20:11

Tgt Ion: 75 Resp: 183954
 Ion Ratio Lower Upper
 75 100
 110 37.1 18.7 56.1
 77 31.2 25.0 37.4

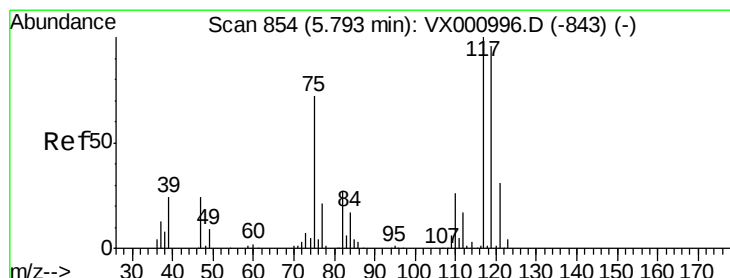
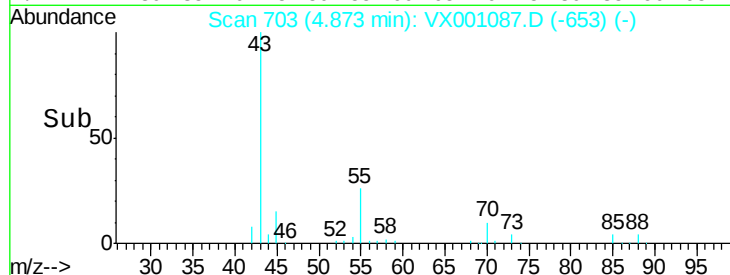
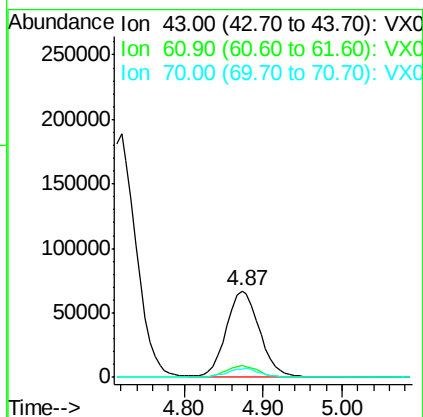
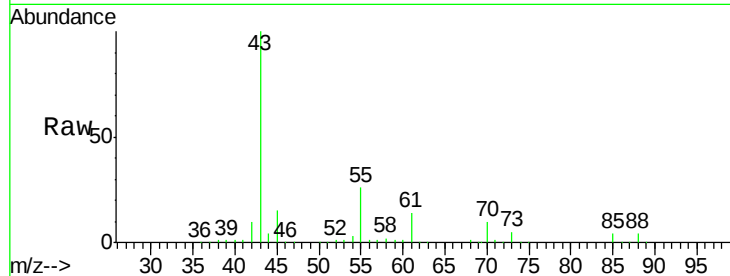




#37
Ethyl Acetate
Concen: 53.69 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.01 min
Lab File: VX001087.D
Acq: 24 Apr 2018 20:11

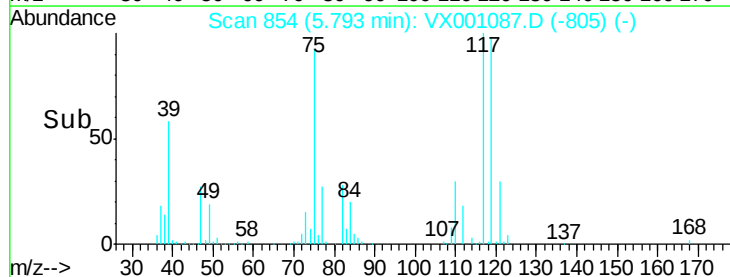
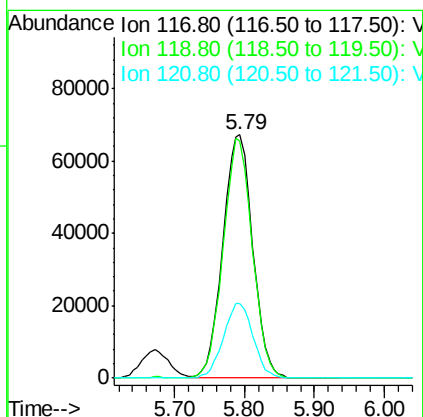
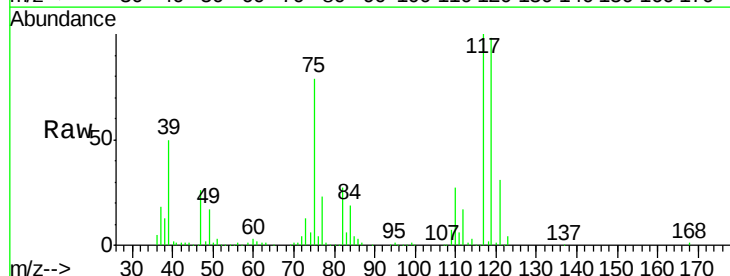
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

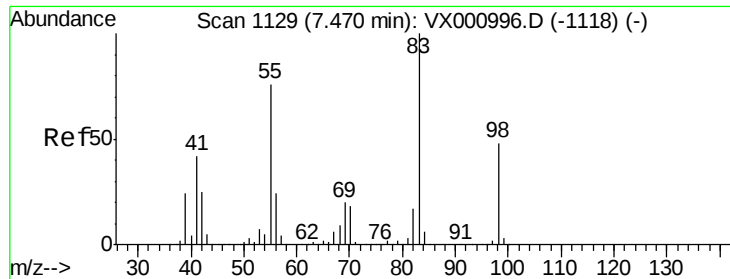
Tgt Ion: 43 Resp: 196077
Ion Ratio Lower Upper
43 100
61 13.4 10.7 16.1
70 10.3 8.3 12.5



#38
Carbon Tetrachloride
Concen: 49.52 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX001087.D
Acq: 24 Apr 2018 20:11

Tgt Ion: 117 Resp: 199651
Ion Ratio Lower Upper
117 100
119 97.5 76.5 114.7
121 30.8 24.5 36.7

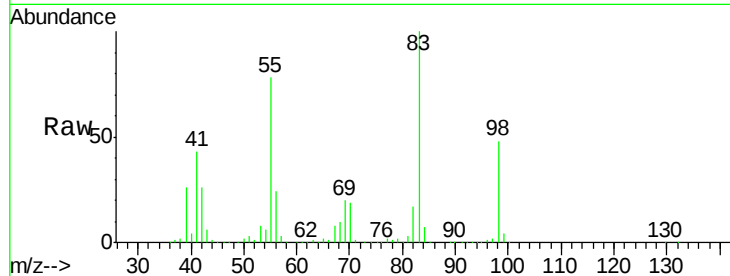




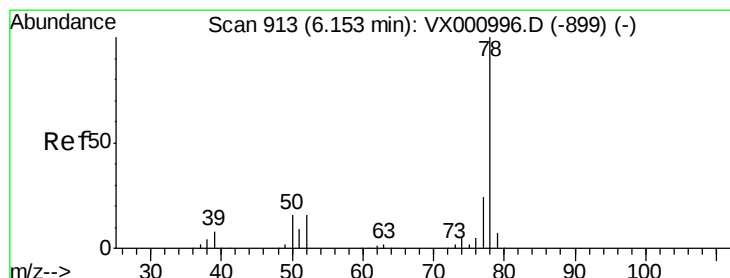
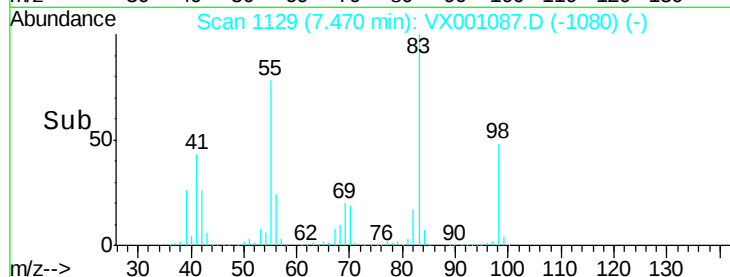
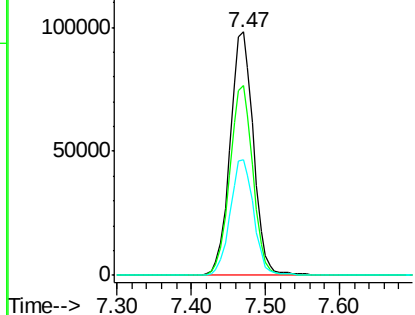
#39
Methylcyclohexane
Concen: 46.66 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX001087.D
Acq: 24 Apr 2018 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 216267
Ion Ratio Lower Upper
83 100
55 77.8 60.6 91.0
98 47.7 38.2 57.4

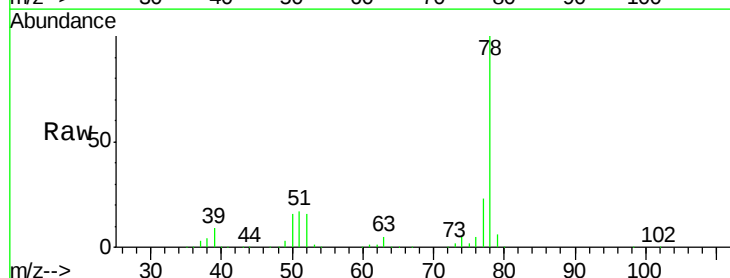


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

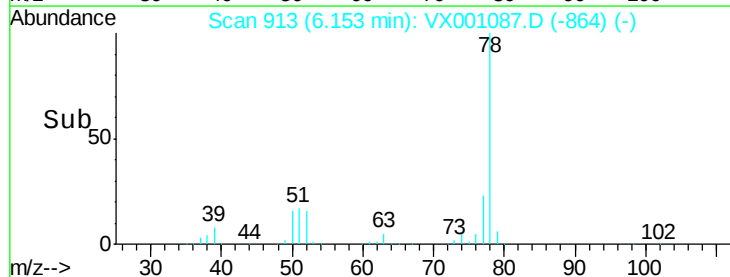
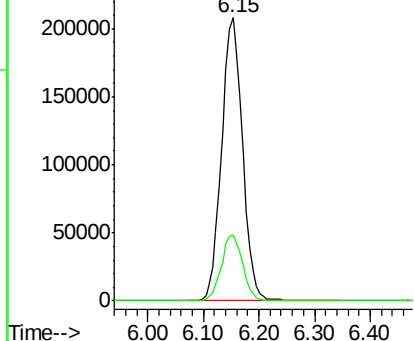


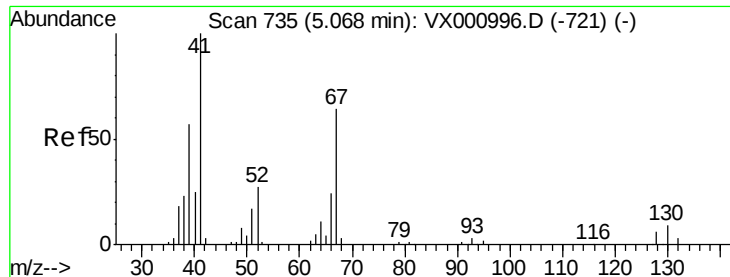
#40
Benzene
Concen: 48.98 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX001087.D
Acq: 24 Apr 2018 20:11

Tgt Ion: 78 Resp: 542217
Ion Ratio Lower Upper
78 100
77 23.4 18.9 28.3



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

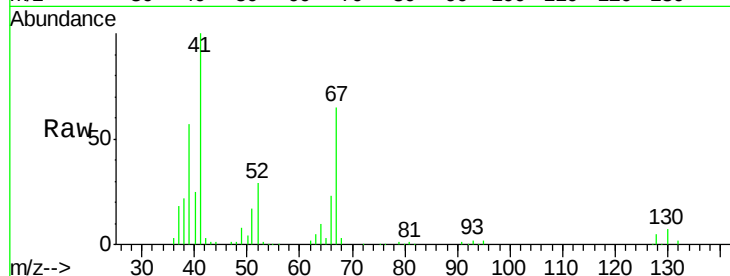




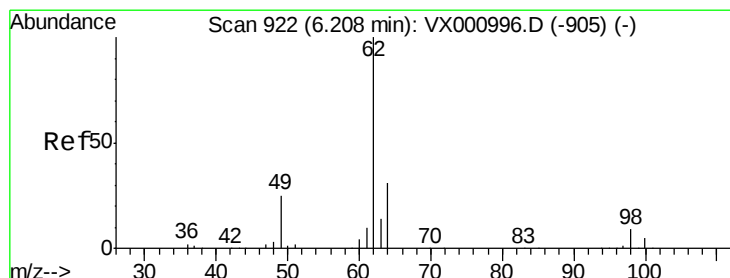
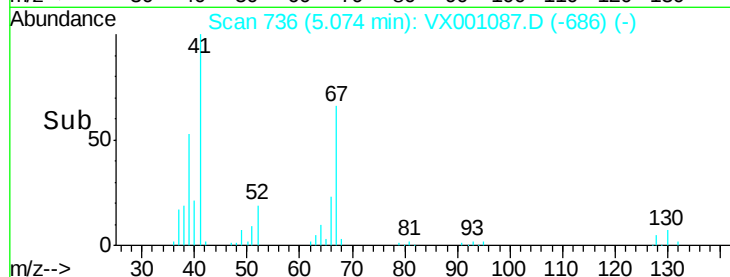
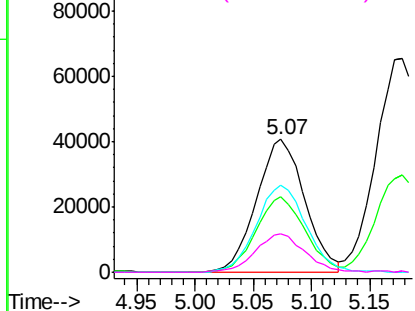
#41
Methacrylonitrile
Concen: 51.03 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX001087.D
Acq: 24 Apr 2018 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	116388
Ion	Ratio	Lower	Upper
41	100		
39	57.2	45.2	67.8
67	68.0	53.8	80.8
52	29.2	22.4	33.6

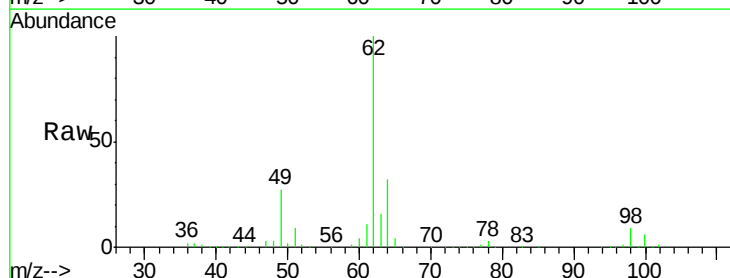


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

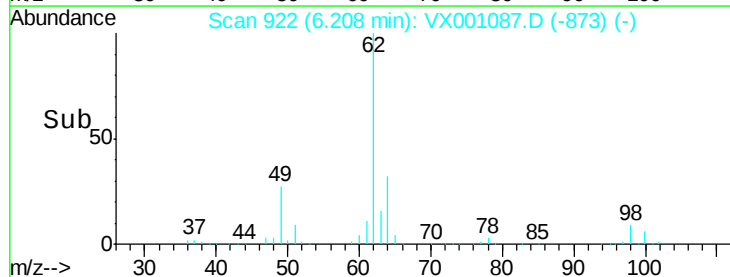
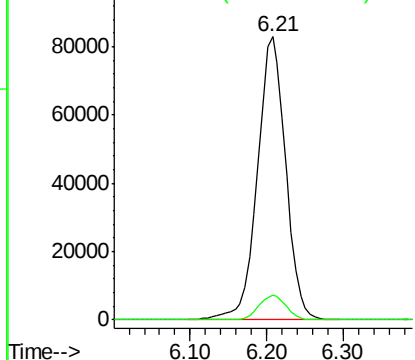


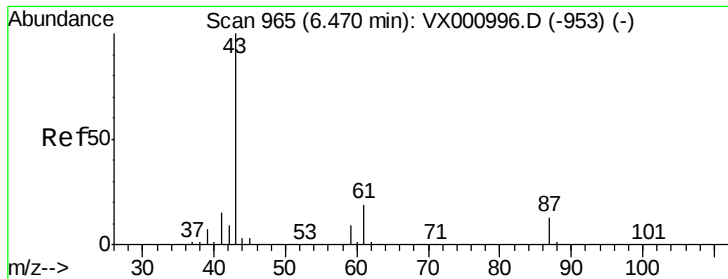
#42
1,2-Dichloroethane
Concen: 50.09 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX001087.D
Acq: 24 Apr 2018 20:11

Tgt Ion:	62	Resp:	212830
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.6



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





#43

Isopropyl Acetate

Concen: 52.80 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

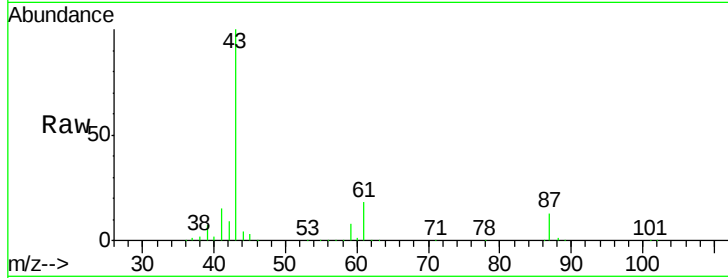
Tgt Ion: 43 Resp: 330847

Ion Ratio Lower Upper

43 100

61 18.9 15.4 23.2

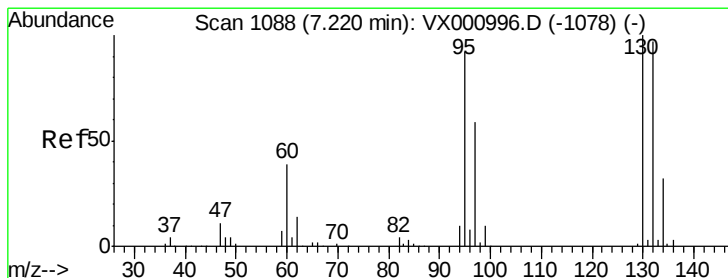
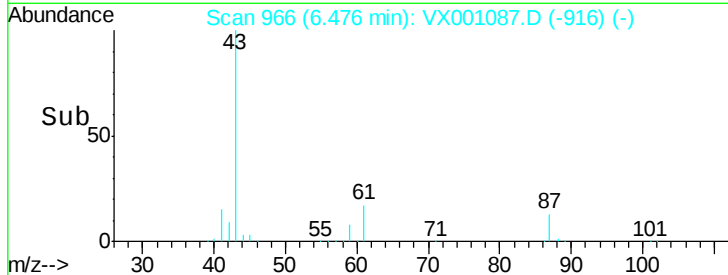
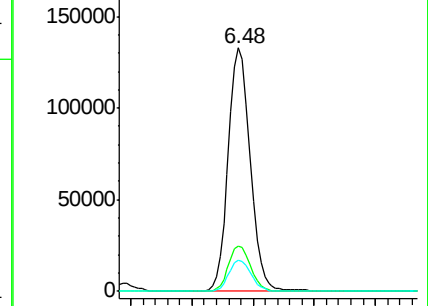
87 13.1 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 46.63 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX001087.D

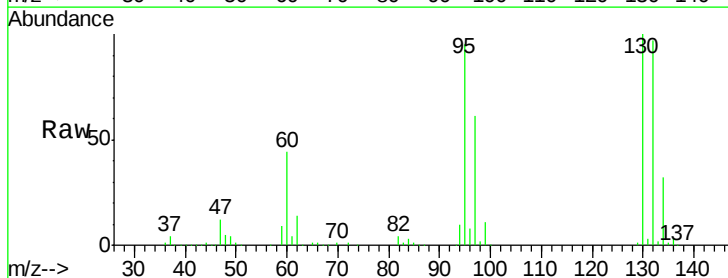
Acq: 24 Apr 2018 20:11

Tgt Ion: 130 Resp: 157683

Ion Ratio Lower Upper

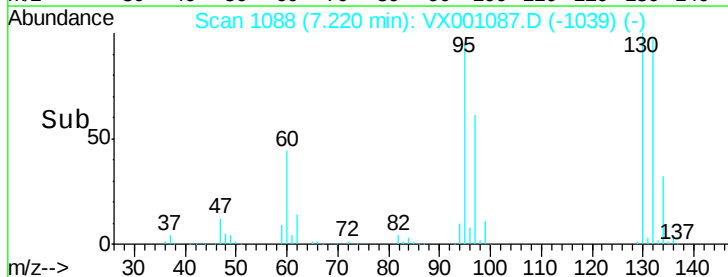
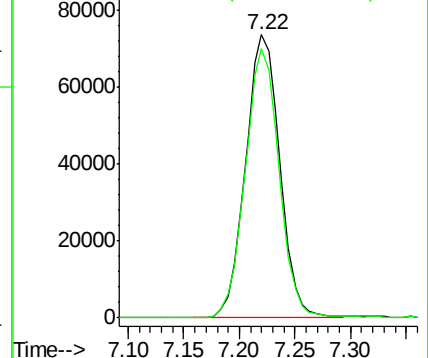
130 100

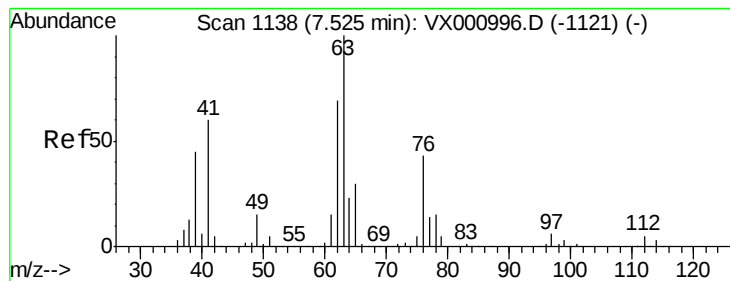
95 95.1 0.0 184.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 50.87 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

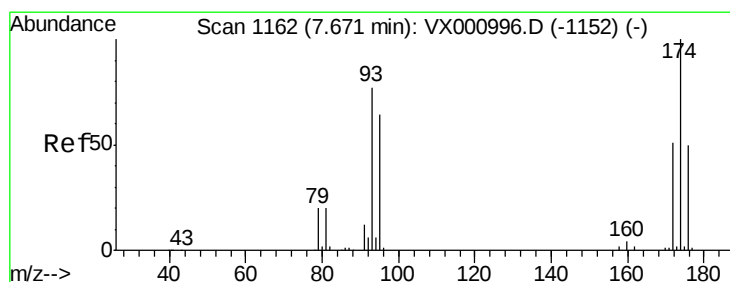
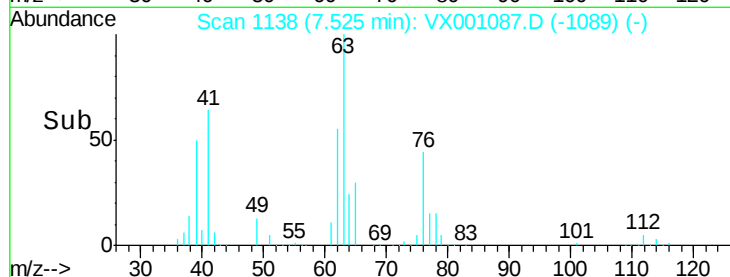
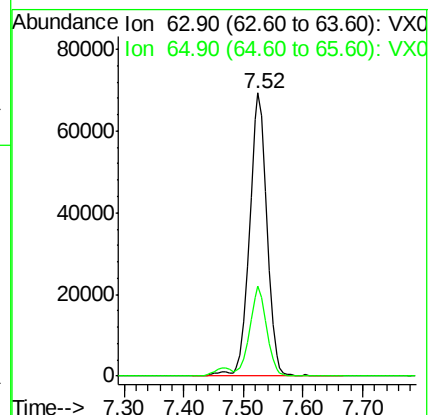
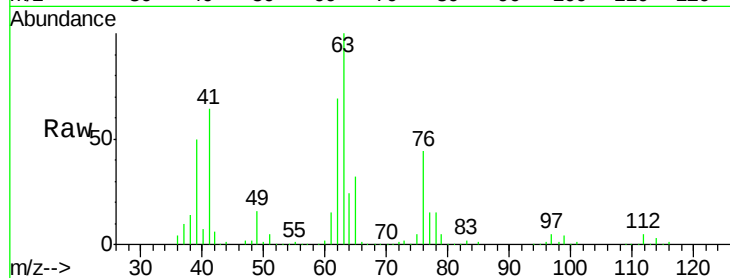
VSTDCCC050

Tgt Ion: 63 Resp: 141586

Ion Ratio Lower Upper

63 100

65 31.6 24.4 36.6



#46

Dibromomethane

Concen: 49.75 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. -0.00 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

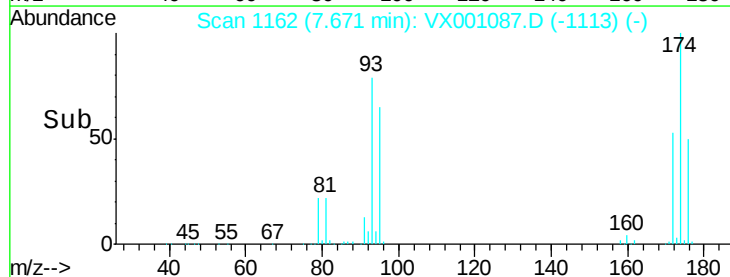
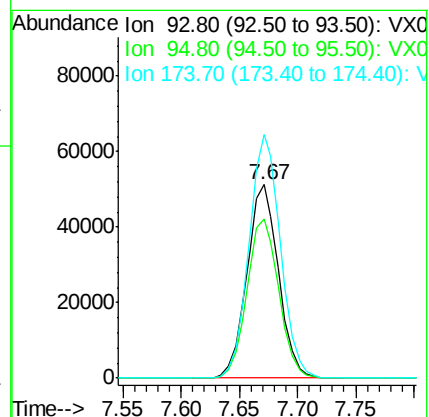
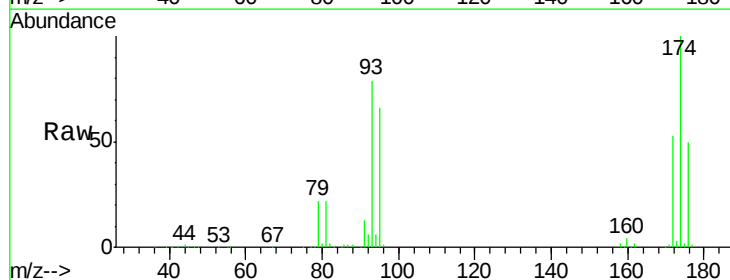
Tgt Ion: 93 Resp: 96745

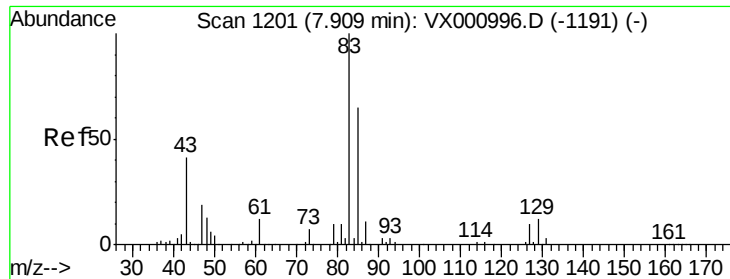
Ion Ratio Lower Upper

93 100

95 83.1 66.7 100.1

174 125.5 101.8 152.6





#47

Bromodichloromethane

Concen: 51.60 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

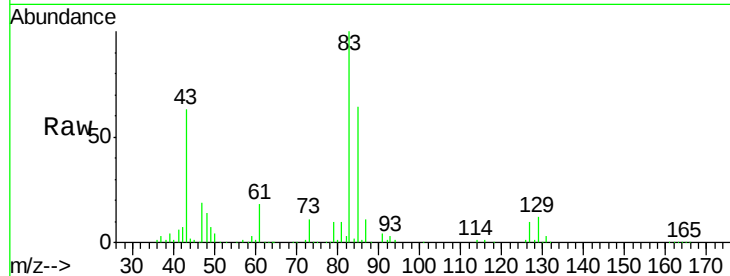
Tgt Ion: 83 Resp: 185887

Ion Ratio Lower Upper

83 100

85 64.0 52.3 78.5

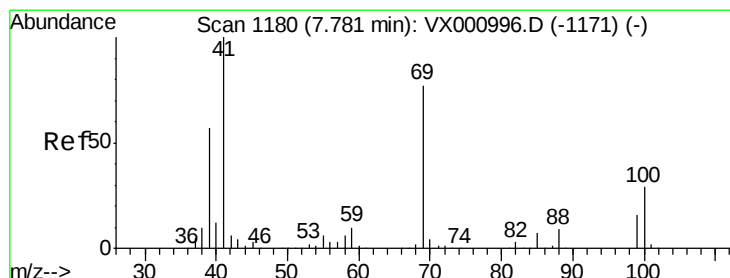
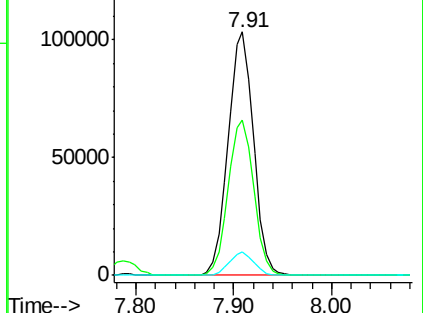
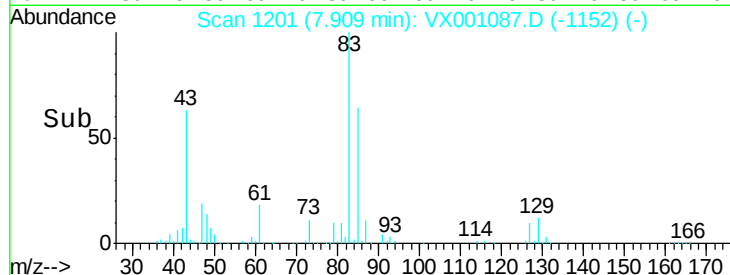
127 9.9 7.8 11.6



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: 52.64 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.01 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

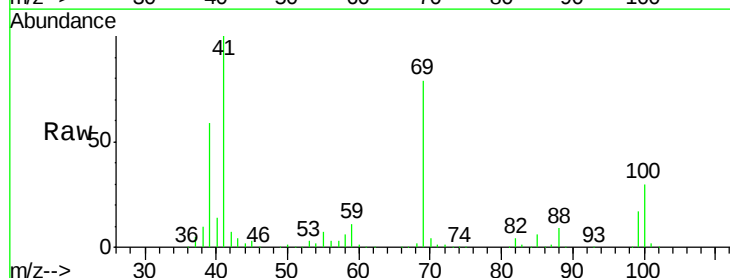
Tgt Ion: 41 Resp: 177592

Ion Ratio Lower Upper

41 100

69 78.7 62.6 94.0

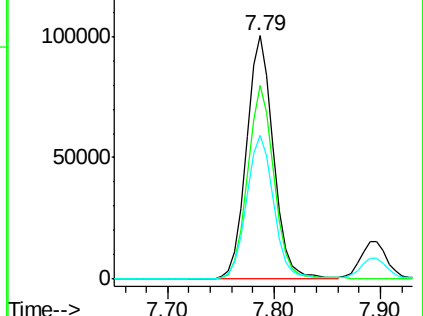
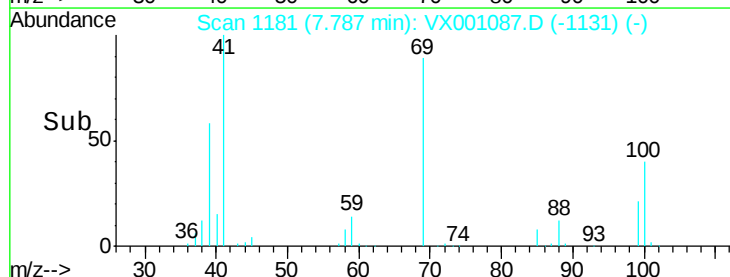
39 59.4 45.3 67.9

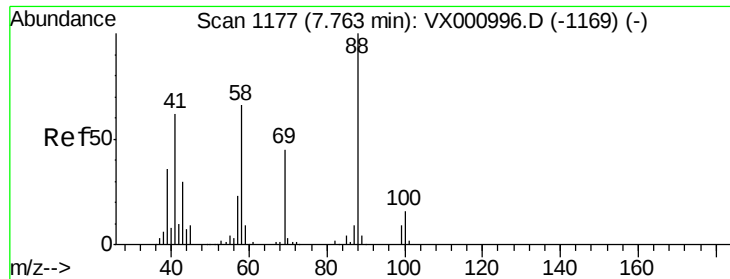


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

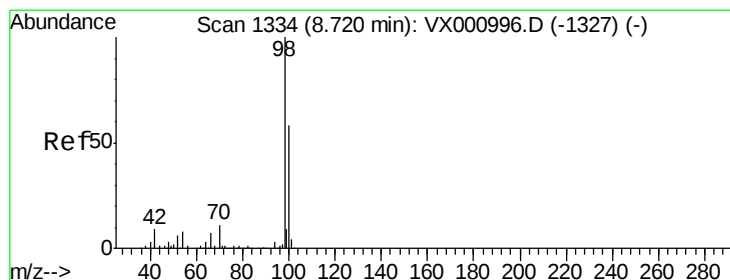
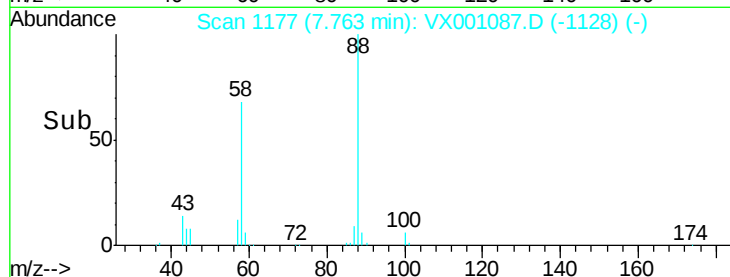
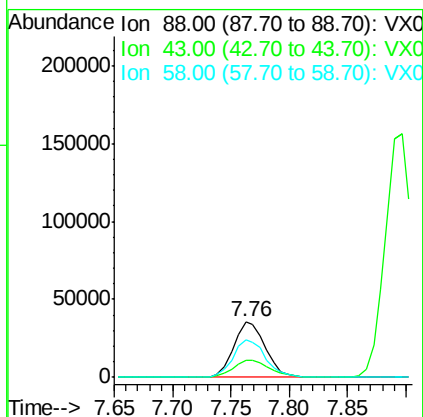
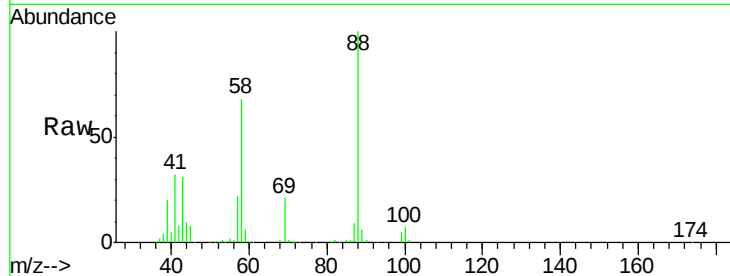




#49
 1,4-Dioxane
 Concen: 1362.97 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: VX001087.D
 Acq: 24 Apr 2018 20:11

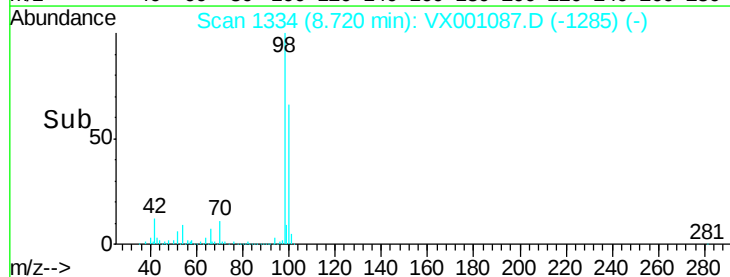
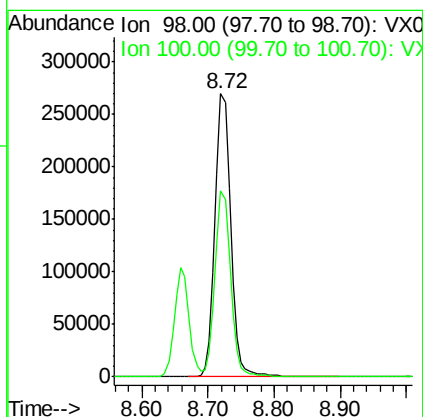
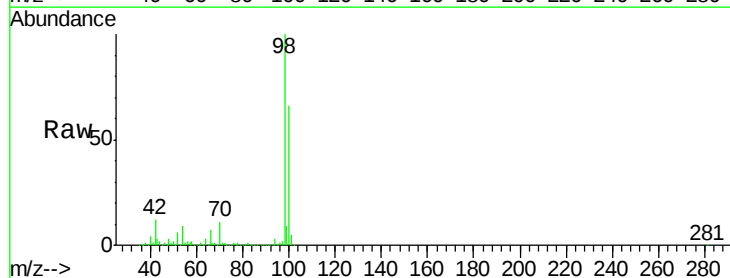
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

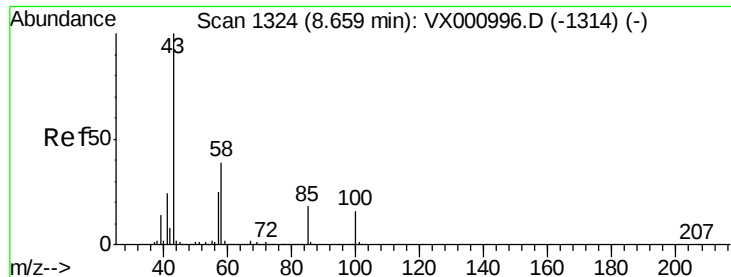
Tgt Ion: 88 Resp: 67624
 Ion Ratio Lower Upper
 88 100
 43 35.7 29.2 43.8
 58 70.2 55.0 82.6



#50
 Toluene-d8
 Concen: 46.70 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: VX001087.D
 Acq: 24 Apr 2018 20:11

Tgt Ion: 98 Resp: 446119
 Ion Ratio Lower Upper
 98 100
 100 65.7 51.9 77.9

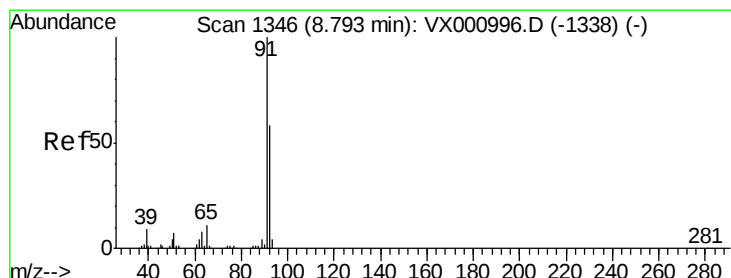
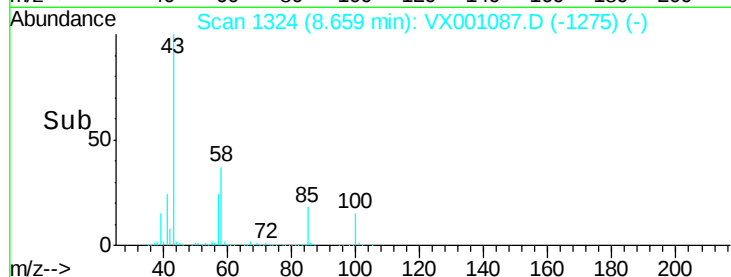
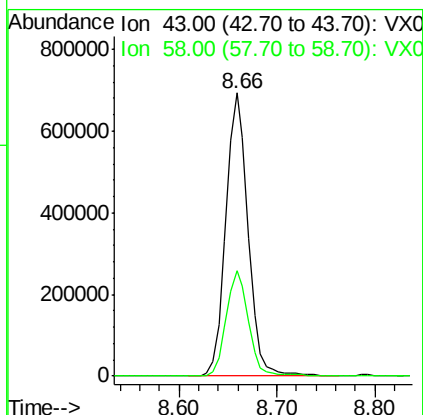
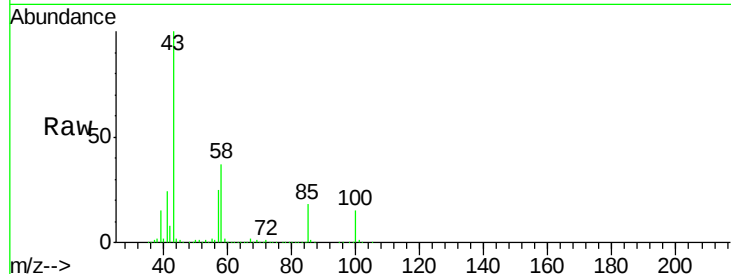




#51
 4-Methyl-2-Pentanone
 Concen: 287.92 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX001087.D
 Acq: 24 Apr 2018 20:11

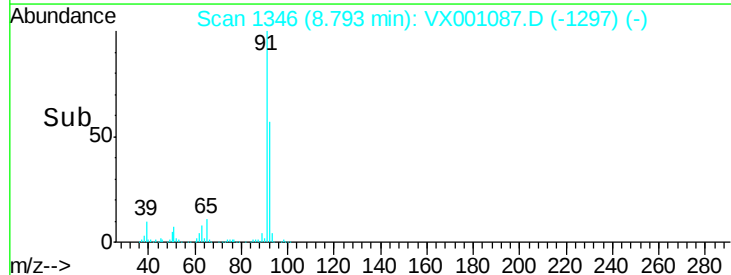
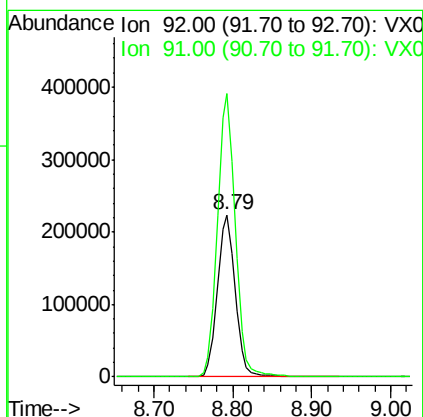
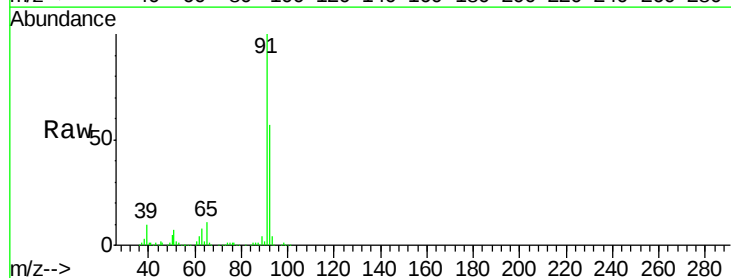
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

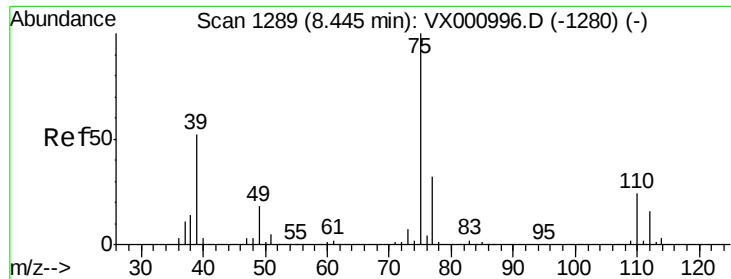
Tgt Ion: 43 Resp: 1095427
 Ion Ratio Lower Upper
 43 100
 58 36.8 30.2 45.4



#52
 Toluene
 Concen: 49.03 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: VX001087.D
 Acq: 24 Apr 2018 20:11

Tgt Ion: 92 Resp: 354218
 Ion Ratio Lower Upper
 92 100
 91 175.5 138.2 207.4

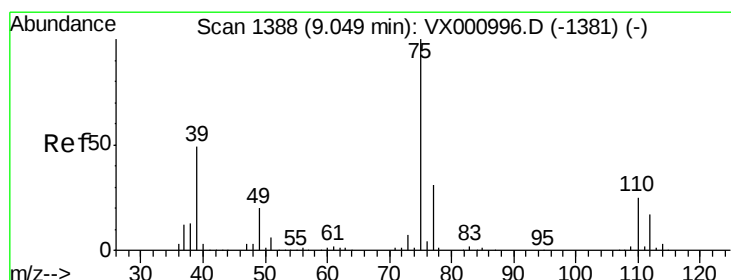
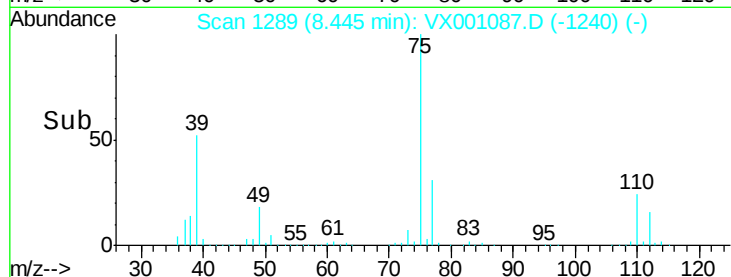
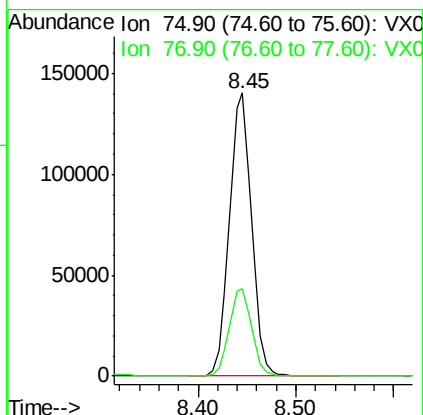
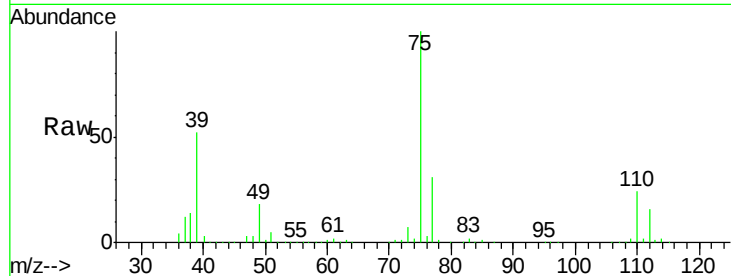




#53
 t-1,3-Dichloropropene
 Concen: 51.20 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. -0.00 min
 Lab File: VX001087.D
 Acq: 24 Apr 2018 20:11

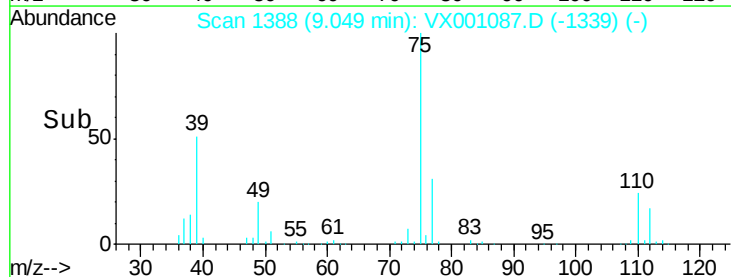
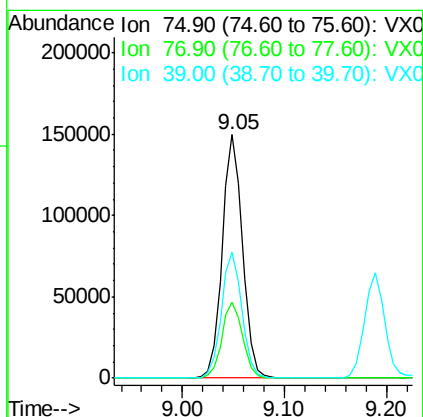
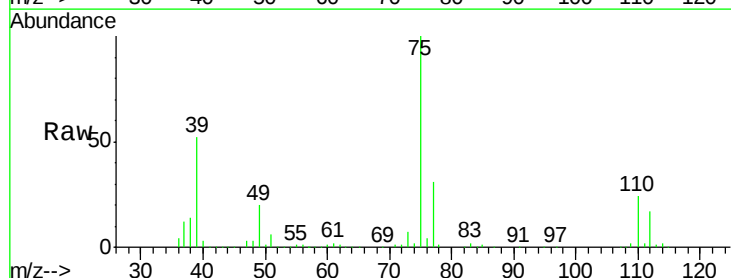
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

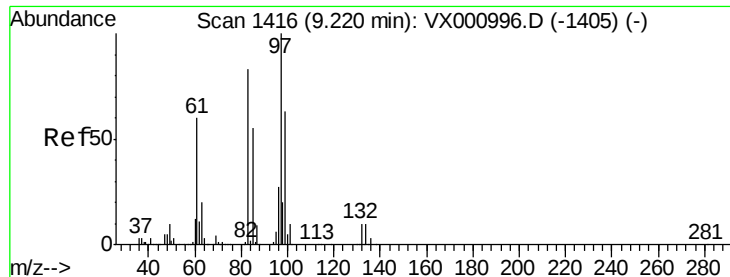
Tgt Ion: 75 Resp: 220609
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 50.80 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX001087.D
 Acq: 24 Apr 2018 20:11

Tgt Ion: 75 Resp: 206408
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.0 37.6
 39 51.5 39.2 58.8





#55

1,1,2-Trichloroethane

Concen: 51.28 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 147271

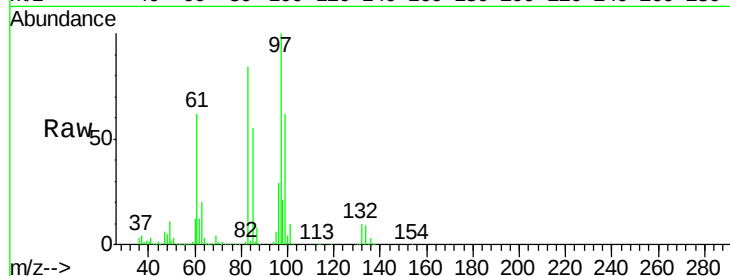
Ion Ratio Lower Upper

97 100

83 83.5 66.2 99.4

85 54.6 44.2 66.4

99 62.2 50.2 75.4

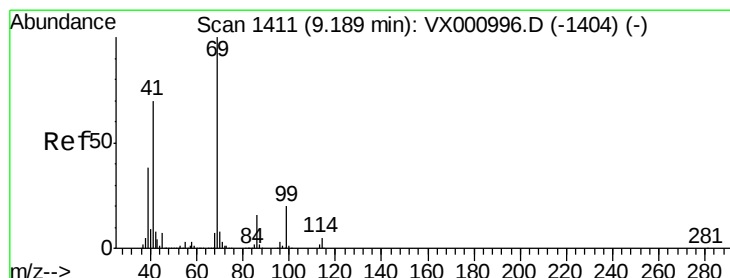
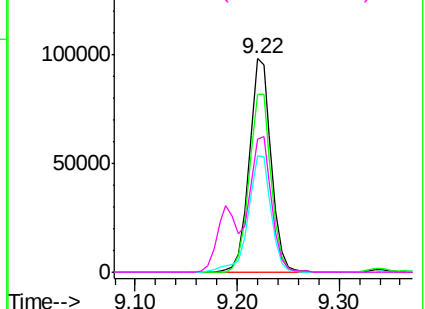
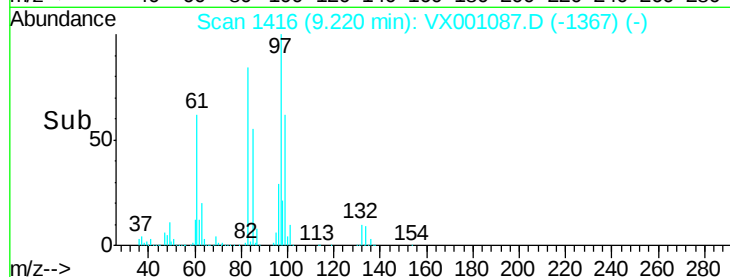


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 52.27 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. -0.00 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

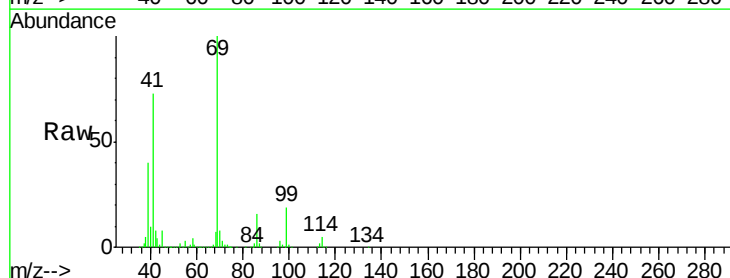
Tgt Ion: 69 Resp: 220458

Ion Ratio Lower Upper

69 100

41 71.9 56.3 84.5

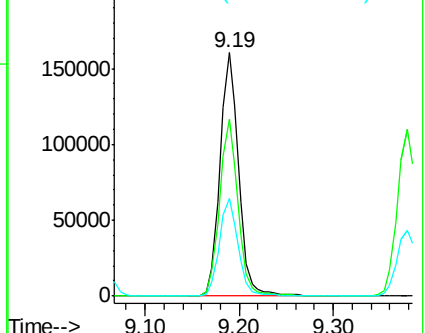
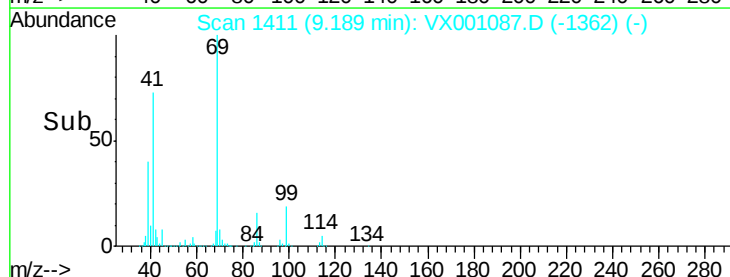
39 40.5 30.4 45.6

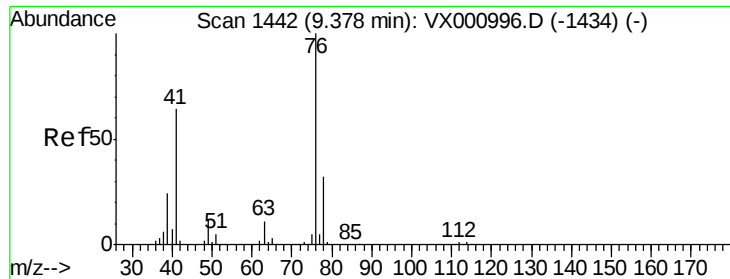


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 50.16 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

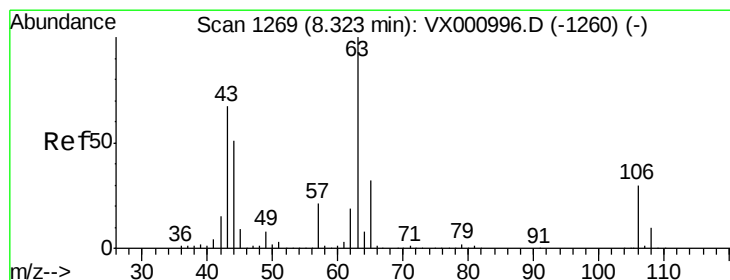
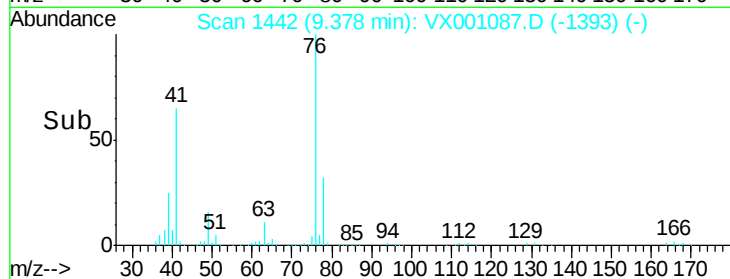
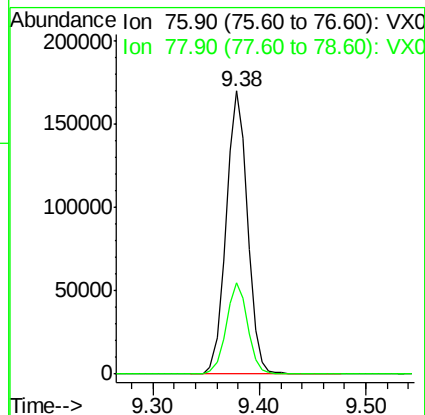
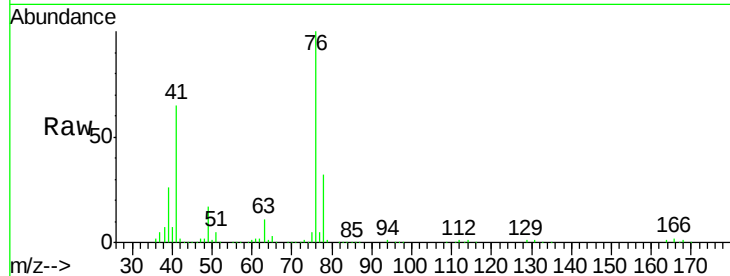
VSTDCCC050

Tgt Ion: 76 Resp: 238638

Ion Ratio Lower Upper

76 100

78 32.0 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 265.23 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VX001087.D

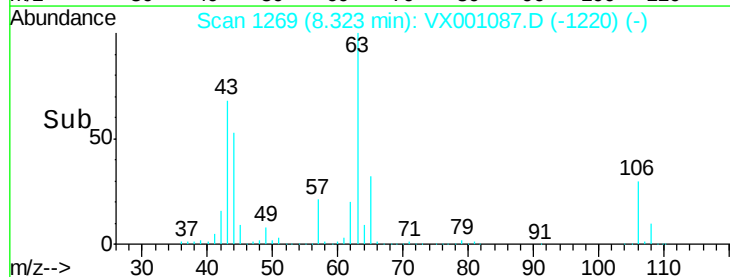
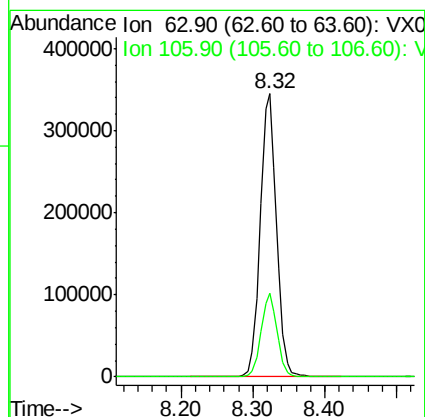
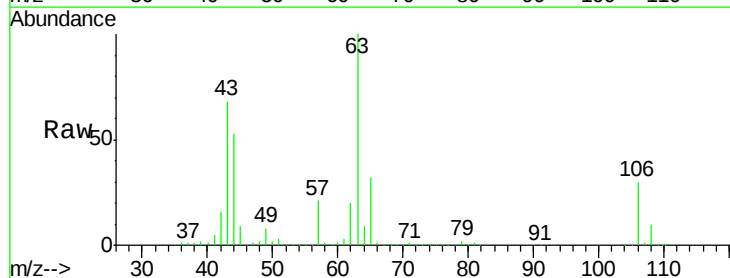
Acq: 24 Apr 2018 20:11

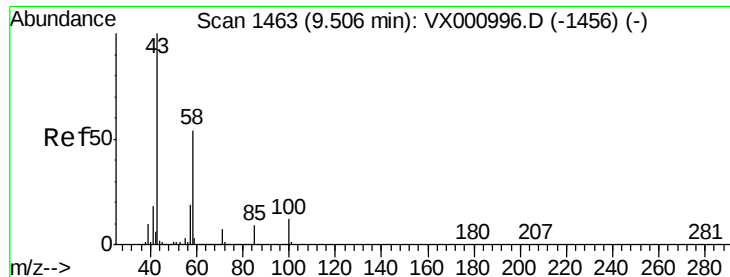
Tgt Ion: 63 Resp: 545987

Ion Ratio Lower Upper

63 100

106 29.1 23.8 35.6

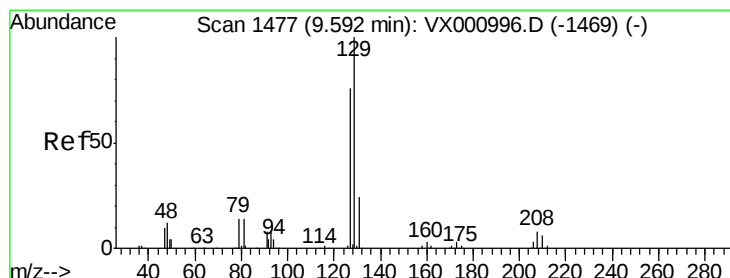
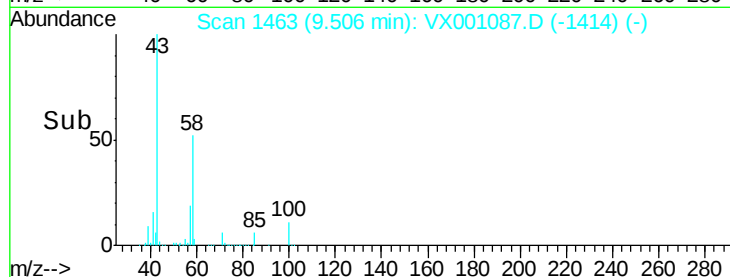
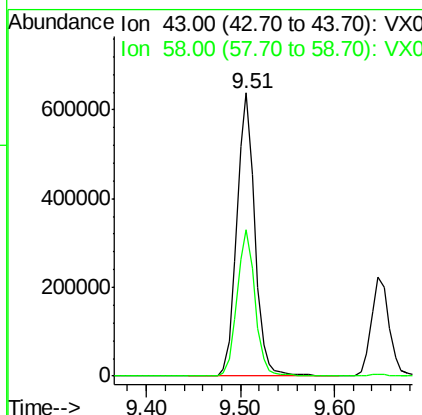
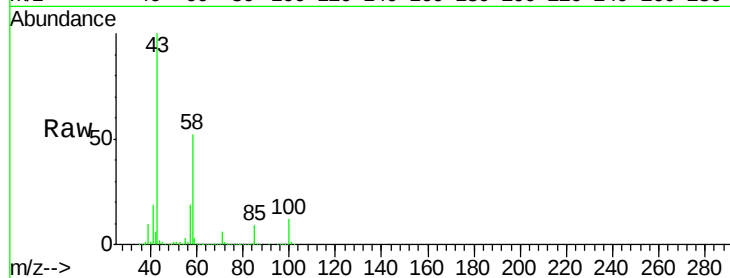




#59
2-Hexanone
Concen: 289.95 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX001087.D
Acq: 24 Apr 2018 20:11

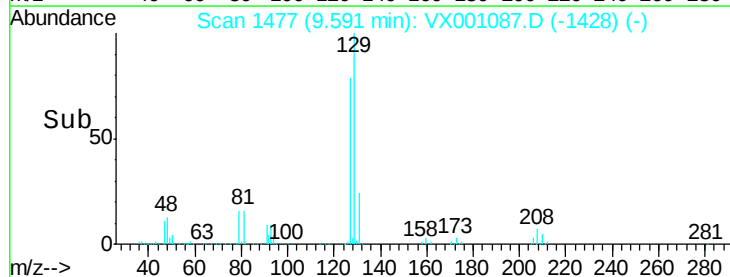
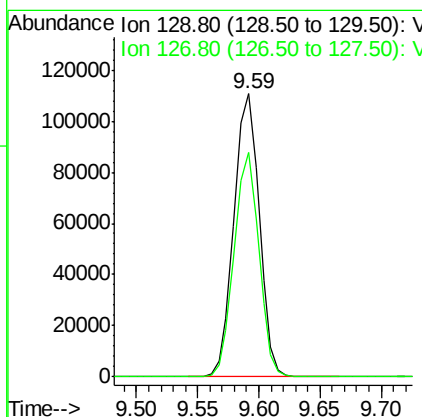
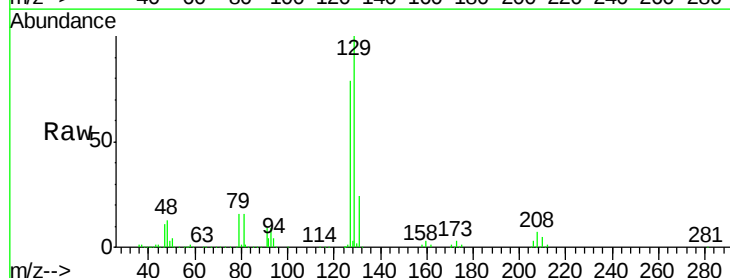
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

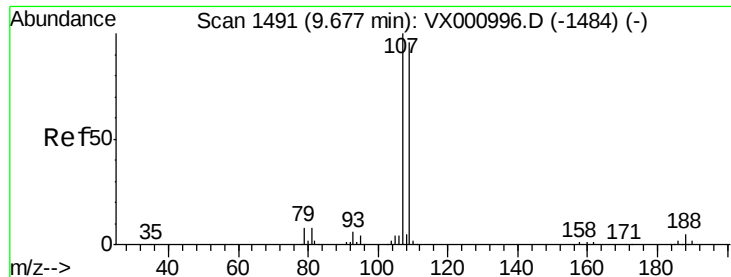
Tgt Ion: 43 Resp: 844367
Ion Ratio Lower Upper
43 100
58 51.9 26.3 78.9



#60
Dibromochloromethane
Concen: 52.62 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX001087.D
Acq: 24 Apr 2018 20:11

Tgt Ion: 129 Resp: 158715
Ion Ratio Lower Upper
129 100
127 77.7 38.6 115.8





#61

1,2-Dibromoethane

Concen: 51.77 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

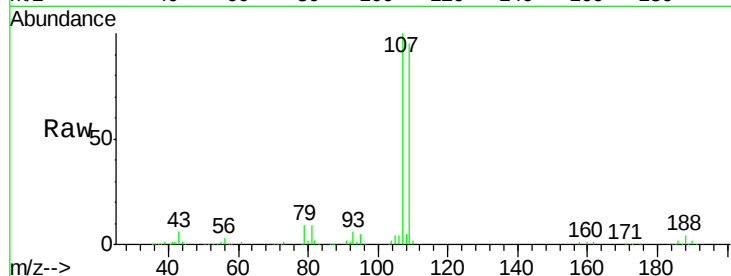
VSTDCCC050

Tgt Ion: 107 Resp: 156899

Ion Ratio Lower Upper

107 100

109 94.3 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

120000

100000

80000

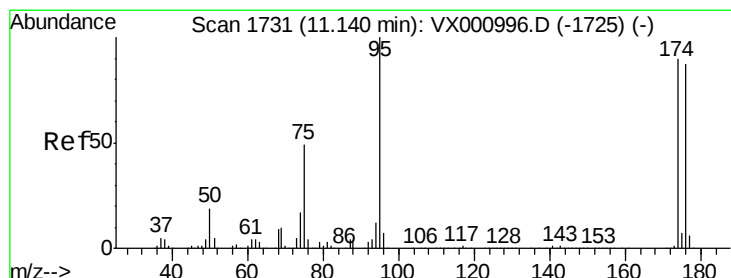
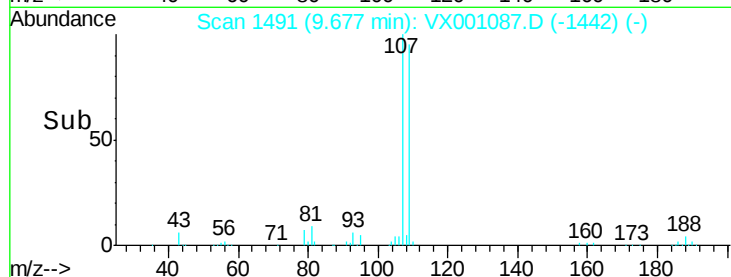
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.47 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

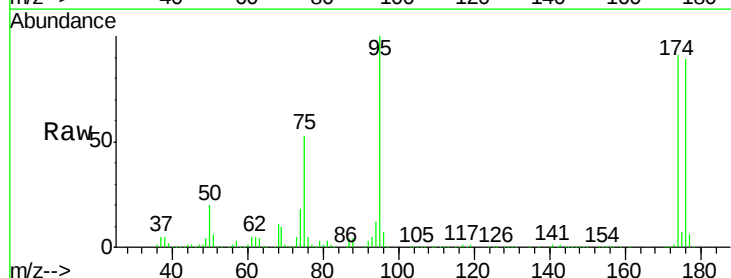
Tgt Ion: 95 Resp: 186313

Ion Ratio Lower Upper

95 100

174 98.4 0.0 198.4

176 95.6 0.0 192.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

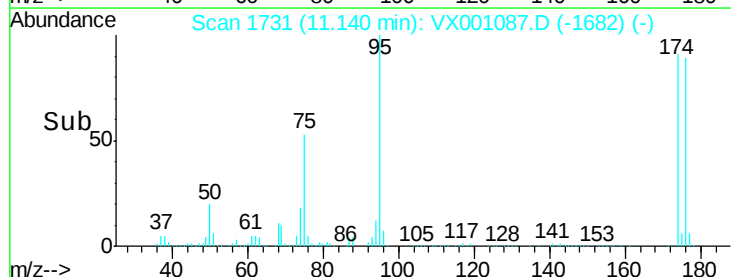
150000

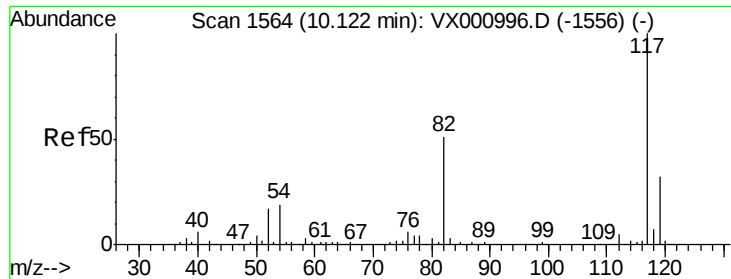
100000

50000

0

Time-->

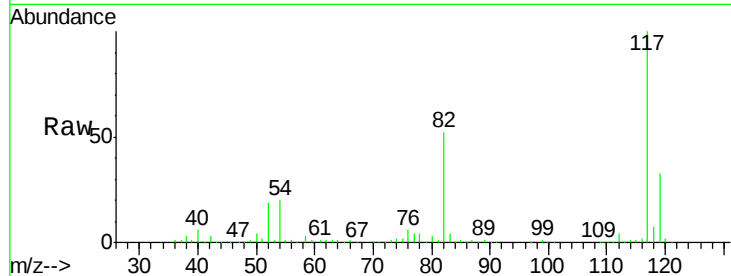




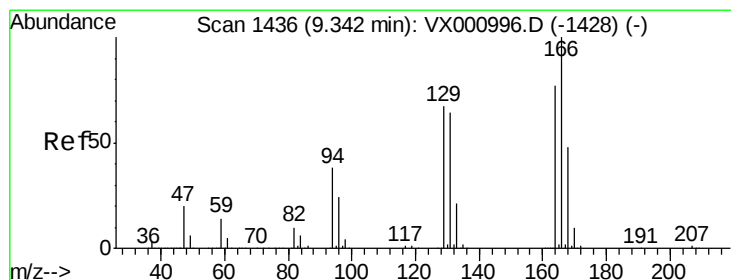
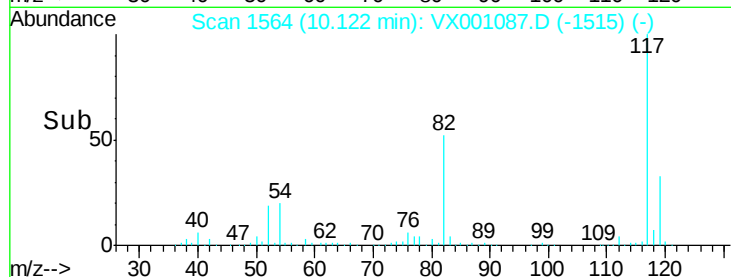
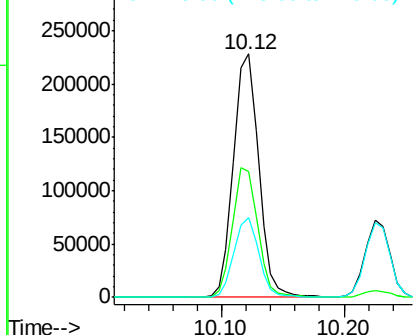
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX001087.D
Acq: 24 Apr 2018 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 327267
Ion Ratio Lower Upper
117 100
82 51.8 40.6 60.8
119 32.6 26.0 39.0



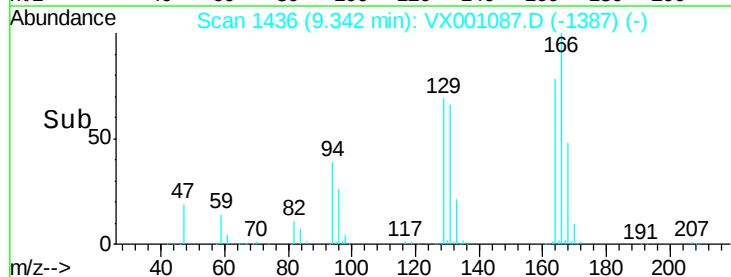
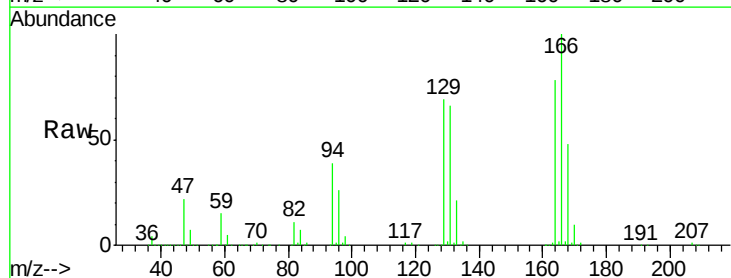
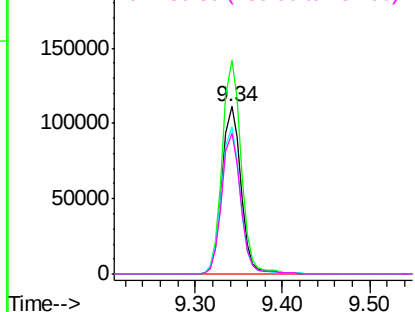
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

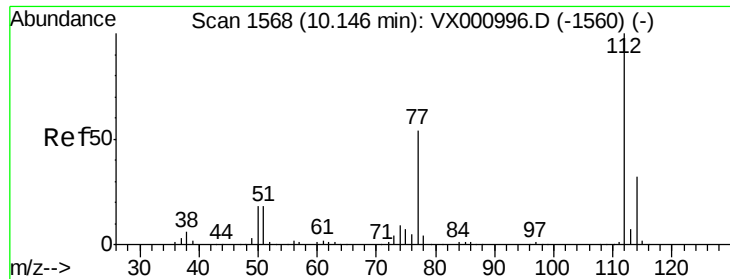


#64
Tetrachloroethene
Concen: 48.13 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001087.D
Acq: 24 Apr 2018 20:11

Tgt Ion:164 Resp: 167276
Ion Ratio Lower Upper
164 100
166 127.4 103.5 155.3
129 87.4 69.6 104.4
131 84.1 65.8 98.8

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

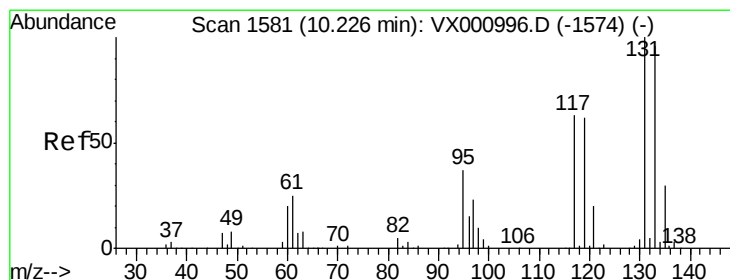
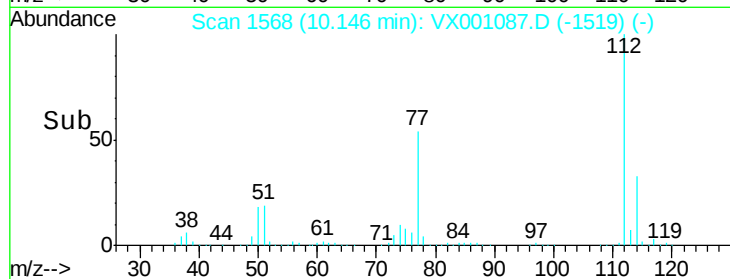
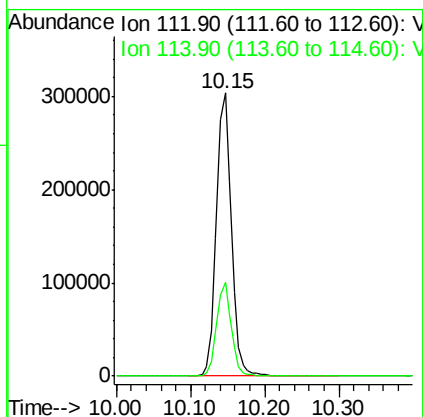
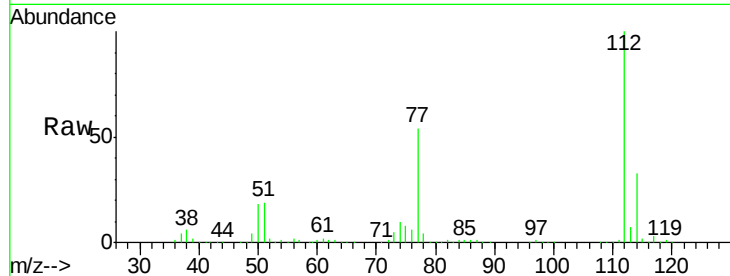




#65
Chlorobenzene
Concen: 48.20 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX001087.D
Acq: 24 Apr 2018 20:11

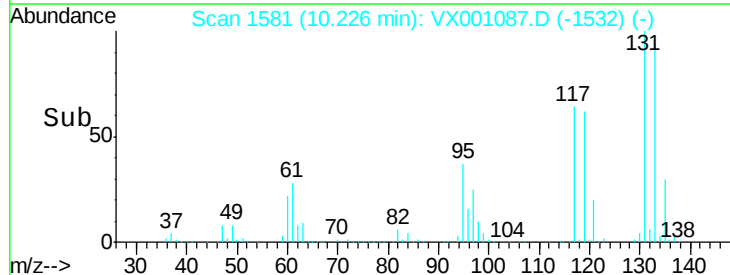
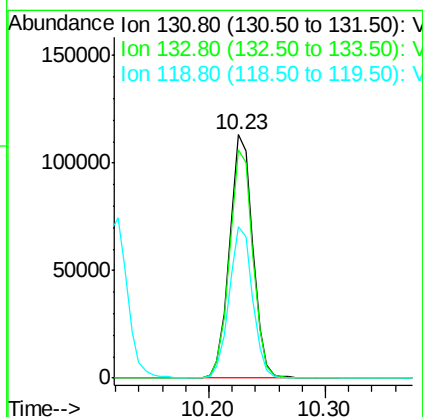
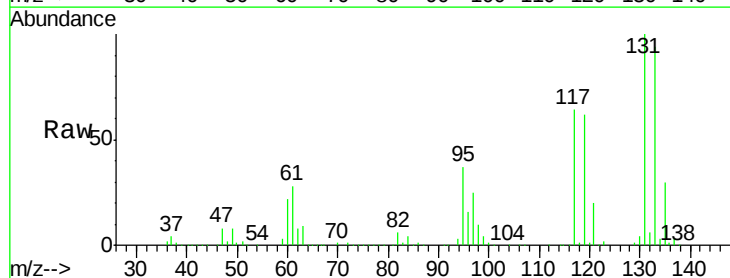
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

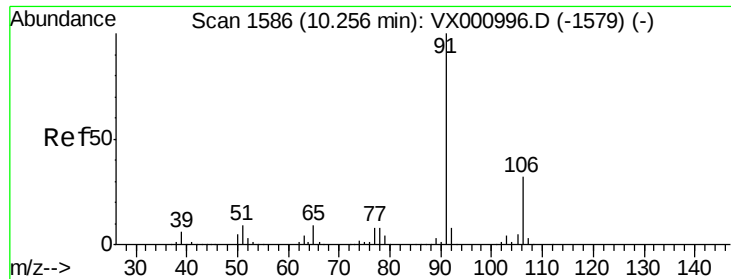
Tgt Ion:112 Resp: 420054
Ion Ratio Lower Upper
112 100
114 33.0 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 52.48 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX001087.D
Acq: 24 Apr 2018 20:11

Tgt Ion:131 Resp: 156980
Ion Ratio Lower Upper
131 100
133 94.3 47.6 142.8
119 62.7 31.1 93.2





#67

Ethyl Benzene

Concen: 48.80 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

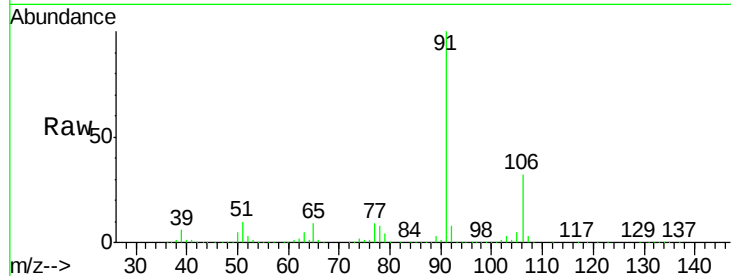
VSTDCCC050

Tgt Ion: 91 Resp: 706242

Ion Ratio Lower Upper

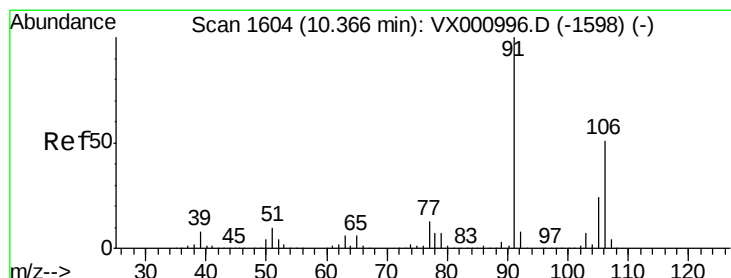
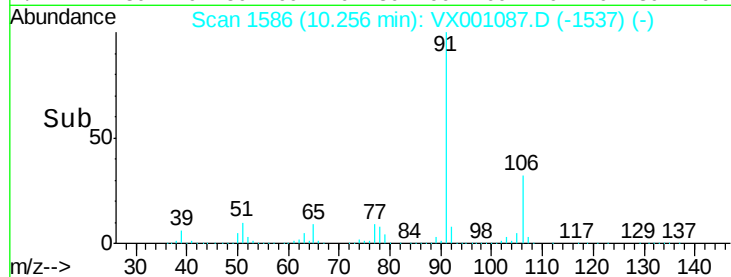
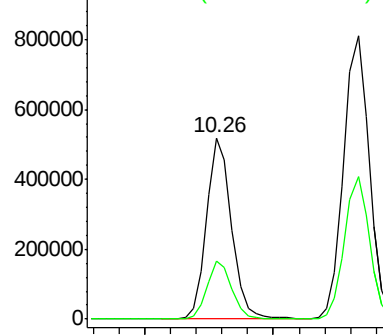
91 100

106 32.1 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 97.51 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX001087.D

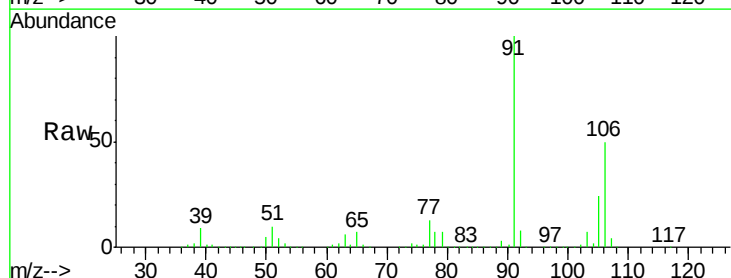
Acq: 24 Apr 2018 20:11

Tgt Ion: 106 Resp: 556138

Ion Ratio Lower Upper

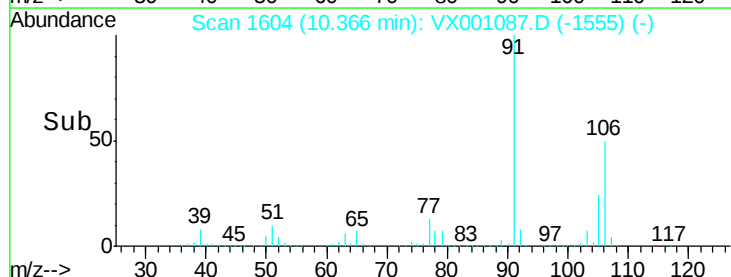
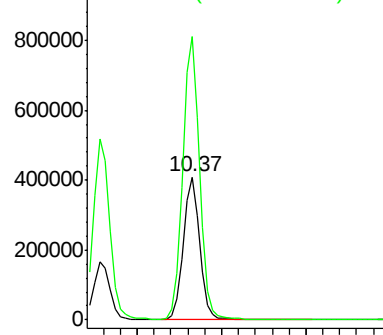
106 100

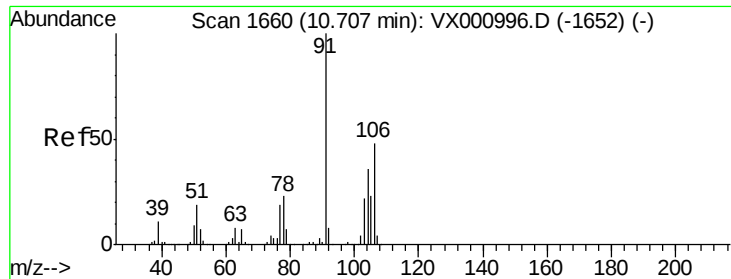
91 202.3 159.3 238.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

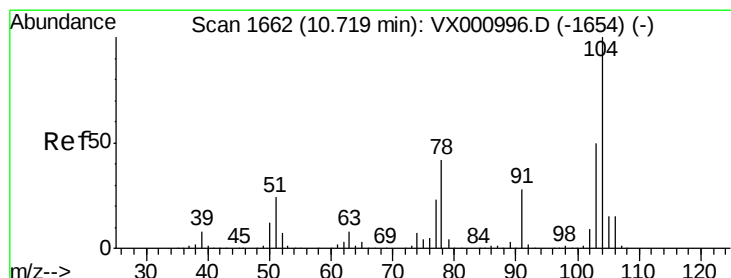
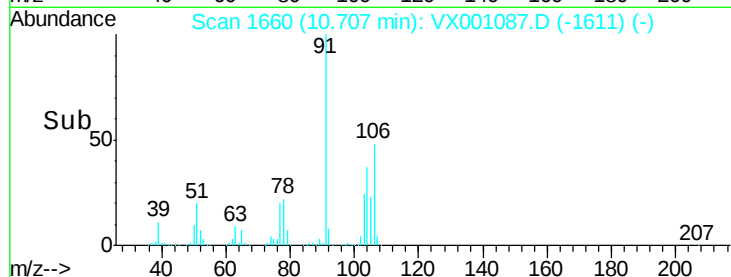
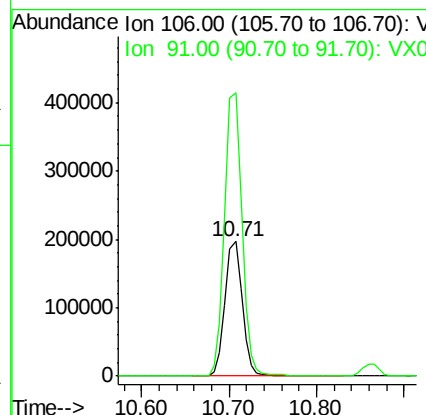
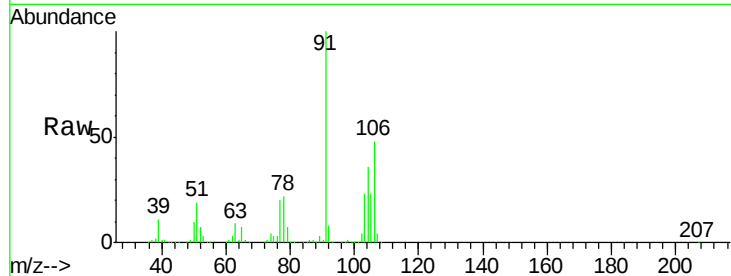




#69
o-Xylene
Concen: 49.14 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX001087.D
Acq: 24 Apr 2018 20:11

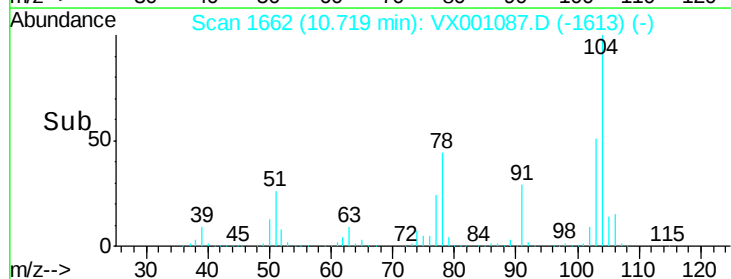
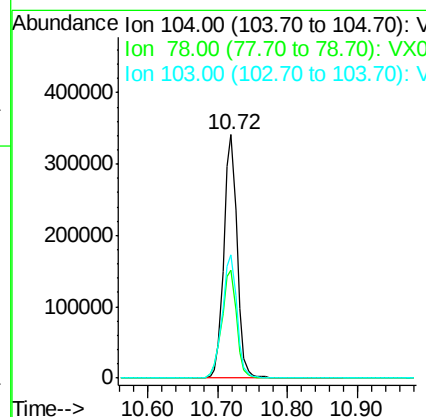
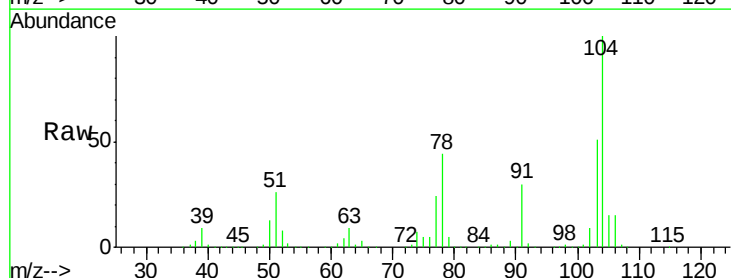
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

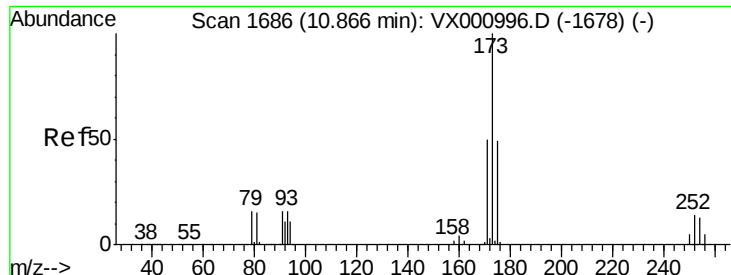
Tgt Ion:106 Resp: 270211
Ion Ratio Lower Upper
106 100
91 212.4 105.1 315.1



#70
Styrene
Concen: 50.01 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001087.D
Acq: 24 Apr 2018 20:11

Tgt Ion:104 Resp: 452881
Ion Ratio Lower Upper
104 100
78 49.5 39.4 59.2
103 55.7 44.2 66.2

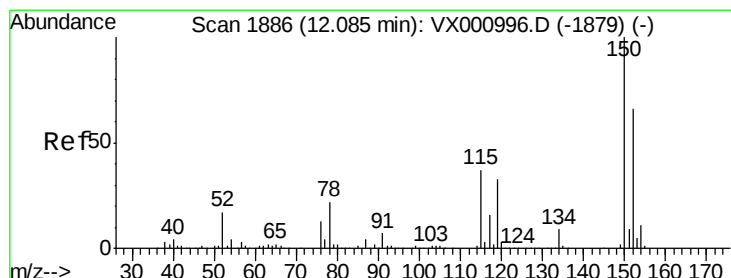
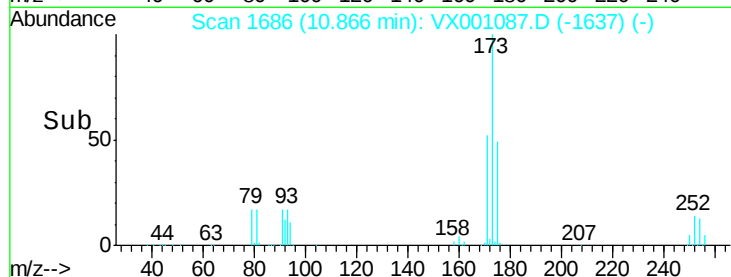
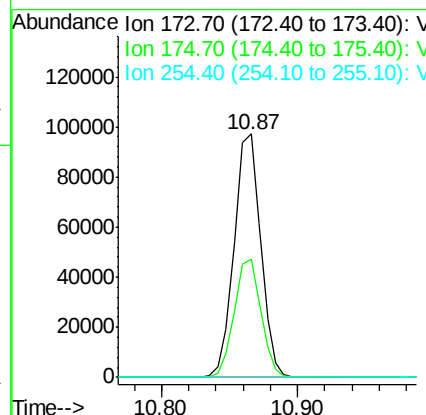
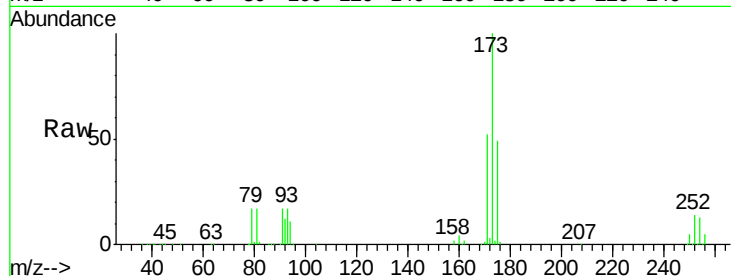




#71
Bromoform
Concen: 47.64 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VX001087.D
Acq: 24 Apr 2018 20:11

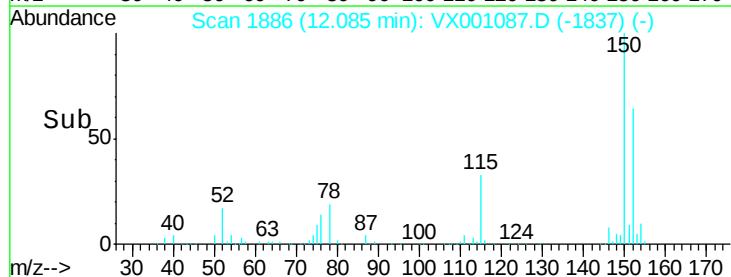
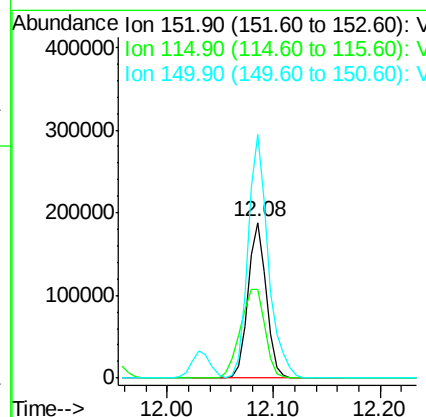
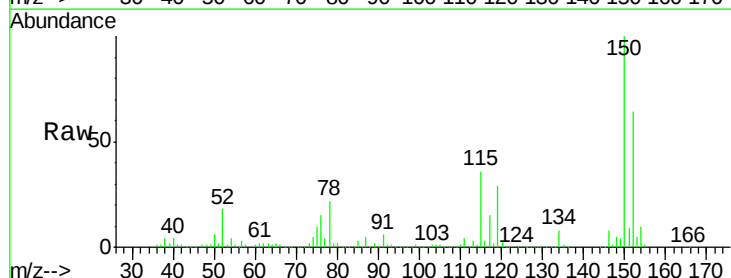
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

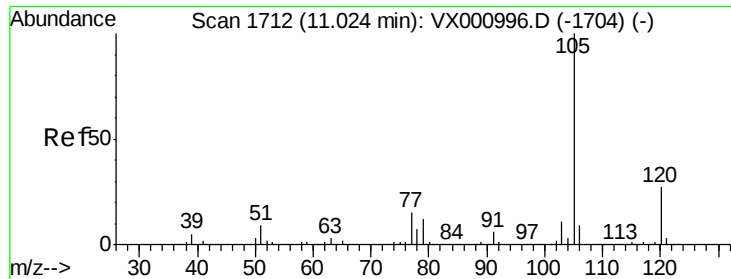
Tgt Ion:173 Resp: 132297
Ion Ratio Lower Upper
173 100
175 48.8 24.8 74.3
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX001087.D
Acq: 24 Apr 2018 20:11

Tgt Ion:152 Resp: 226165
Ion Ratio Lower Upper
152 100
115 77.5 38.2 114.6
150 173.3 0.0 350.4





#73

Isopropylbenzene

Concen: 49.77 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

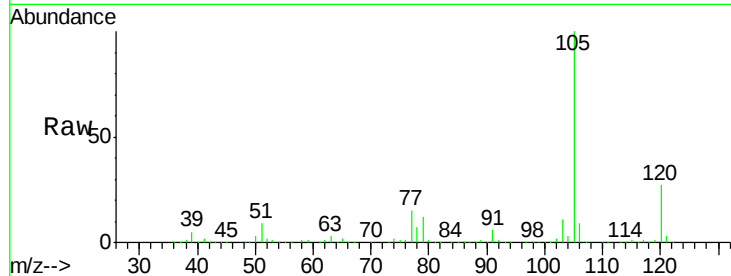
VSTDCCC050

Tgt Ion: 105 Resp: 735873

Ion Ratio Lower Upper

105 100

120 27.2 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

400000

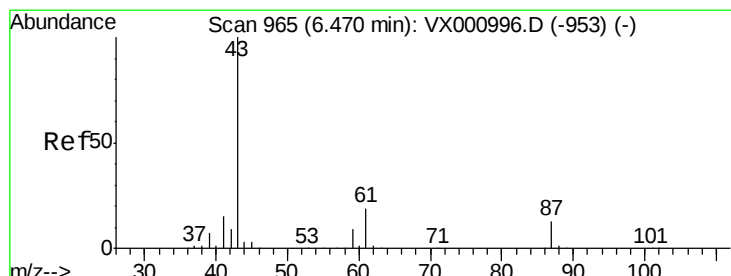
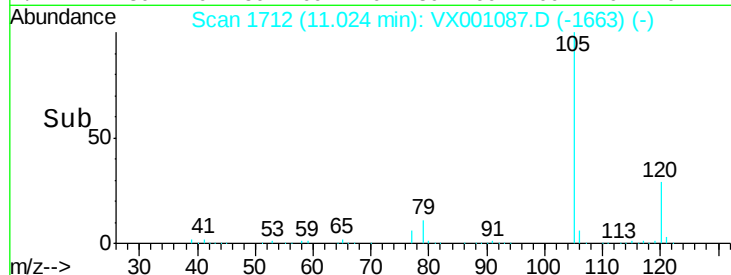
200000

0

11.02

11.00 11.10

Time-->



#74

N-ethyl acetate

Concen: 52.31 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

Tgt Ion: 43 Resp: 330847

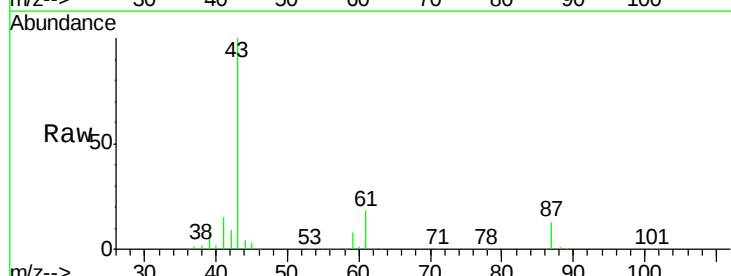
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.2 0.1 0.1#

61 18.9 15.4 23.2



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

200000

150000

100000

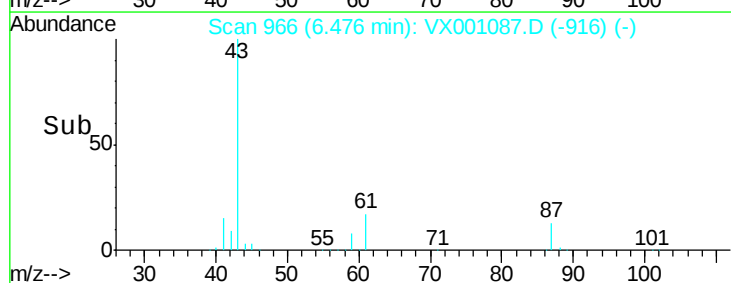
50000

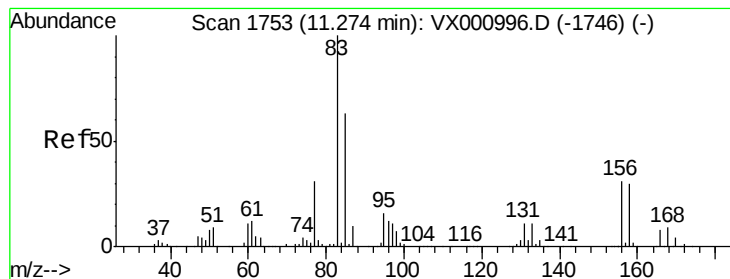
0

6.48

6.30 6.40 6.50 6.60 6.70

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 54.44 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

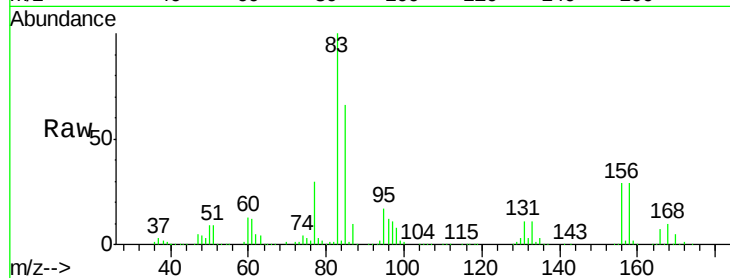
Tgt Ion: 83 Resp: 227863

Ion Ratio Lower Upper

83 100

131 11.6 5.8 17.4

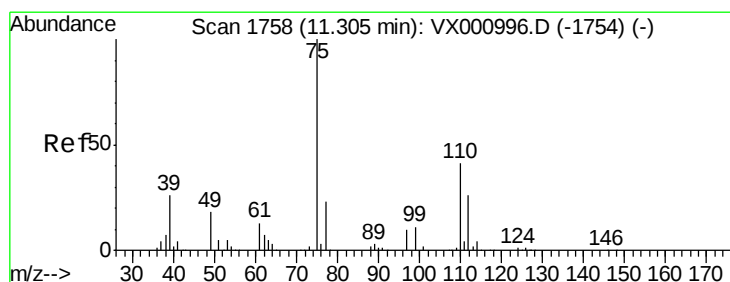
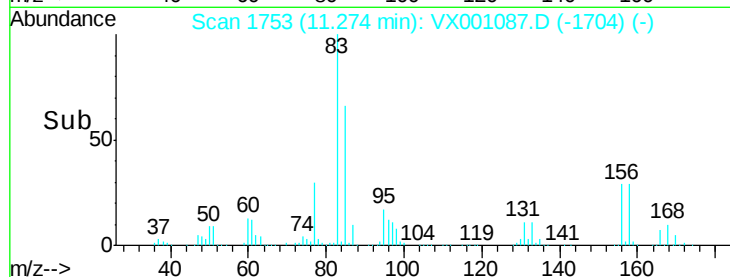
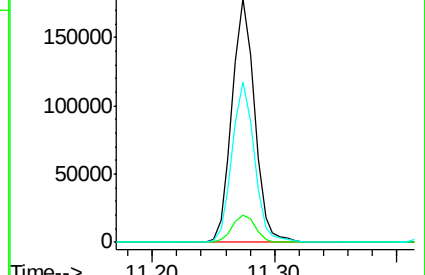
85 65.2 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX000996.D (-1746) (-)

Ion 130.80 (130.50 to 131.50): VX000996.D (-1746) (-)

Ion 84.90 (84.60 to 85.60): VX000996.D (-1746) (-)



#76

1,2,3-Trichloropropane

Concen: 65.62 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX001087.D

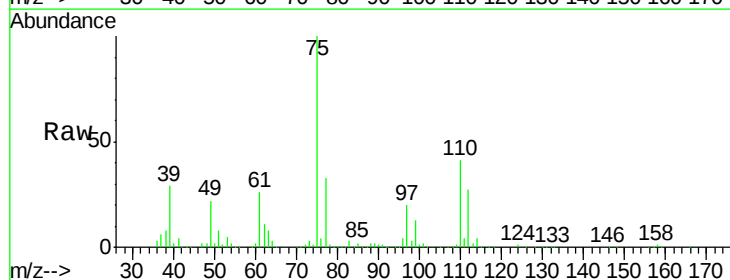
Acq: 24 Apr 2018 20:11

Tgt Ion: 75 Resp: 257488

Ion Ratio Lower Upper

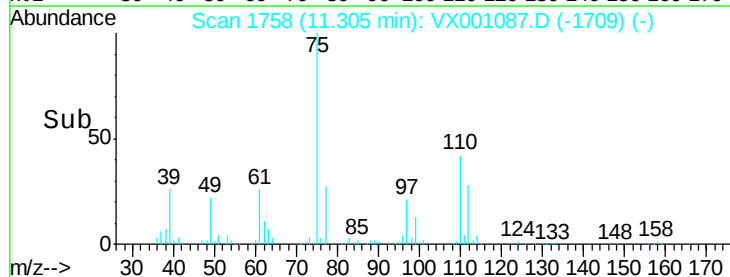
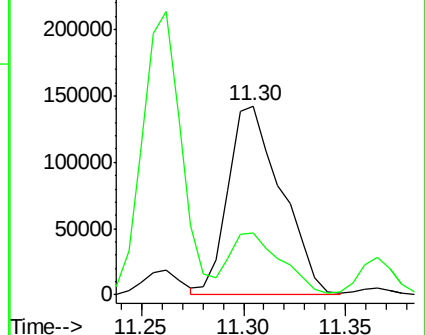
75 100

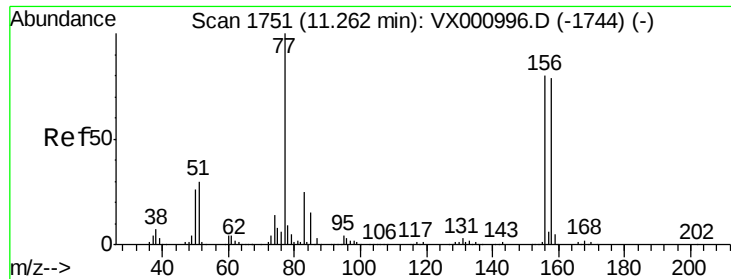
77 31.6 19.6 58.7



Abundance Ion 74.90 (74.60 to 75.60): VX000996.D (-1754) (-)

Ion 77.00 (76.70 to 77.70): VX000996.D (-1754) (-)





#77

Bromobenzene

Concen: 48.56 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

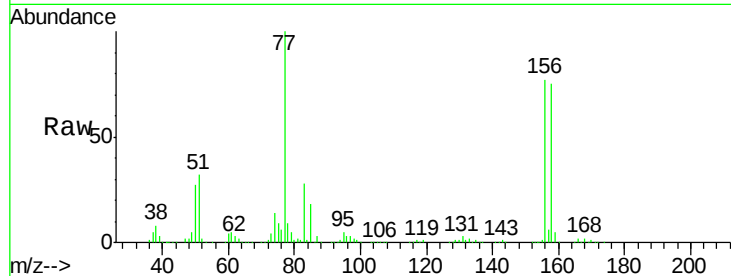
Tgt Ion: 156 Resp: 208398

Ion Ratio Lower Upper

156 100

77 136.0 66.3 199.0

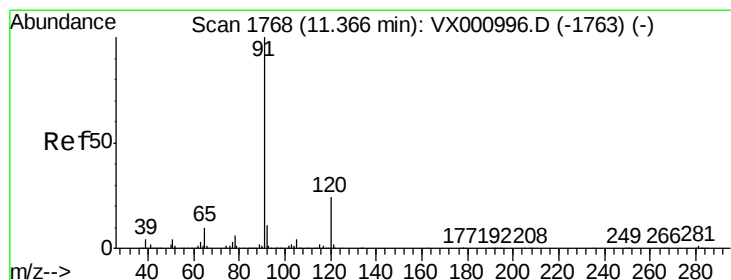
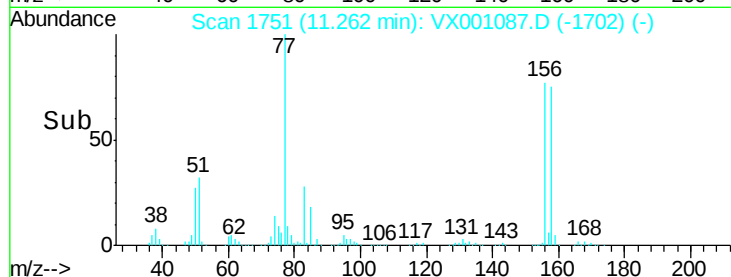
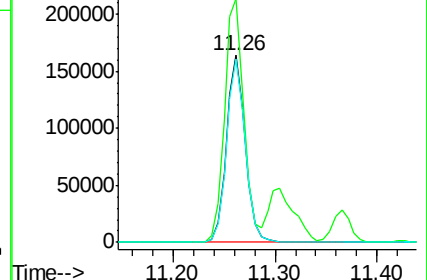
158 98.1 48.9 146.6



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: 48.96 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001087.D

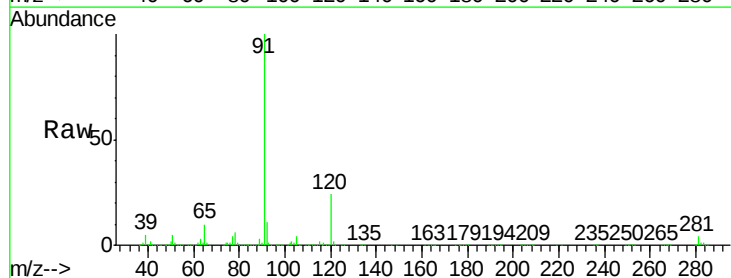
Acq: 24 Apr 2018 20:11

Tgt Ion: 91 Resp: 830964

Ion Ratio Lower Upper

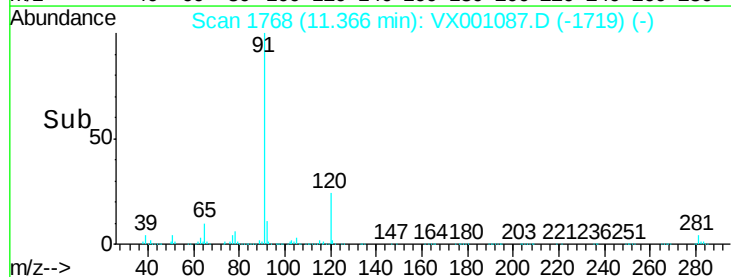
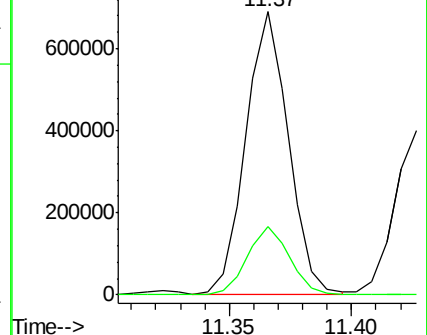
91 100

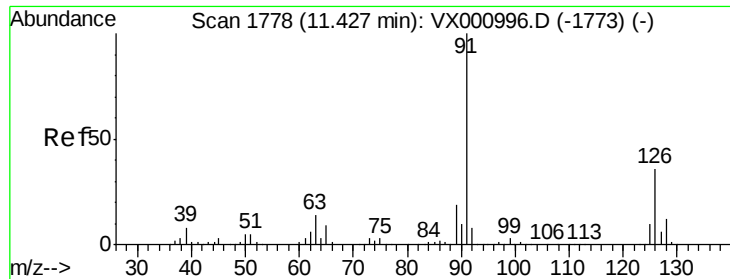
120 24.5 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.33 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

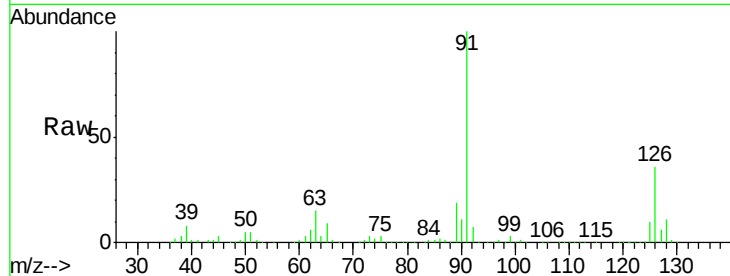
VSTDCCC050

Tgt Ion: 91 Resp: 494798

Ion Ratio Lower Upper

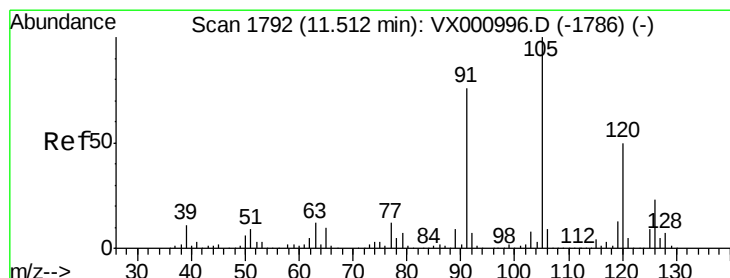
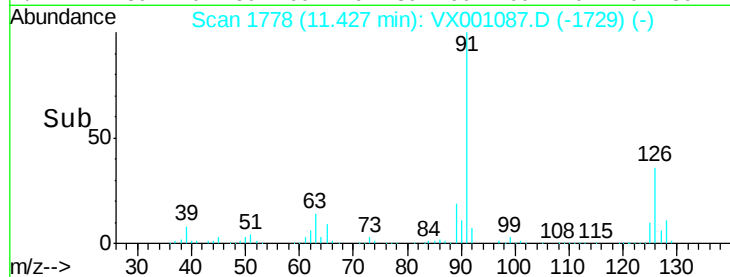
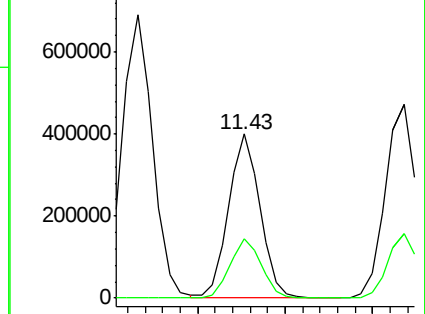
91 100

126 36.8 18.3 54.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 50.60 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX001087.D

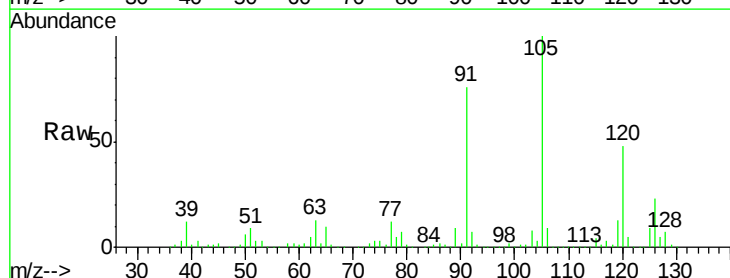
Acq: 24 Apr 2018 20:11

Tgt Ion: 105 Resp: 634199

Ion Ratio Lower Upper

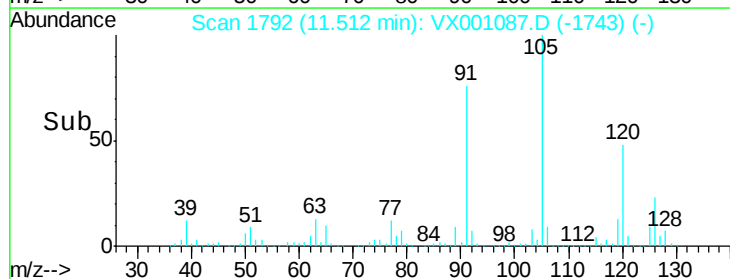
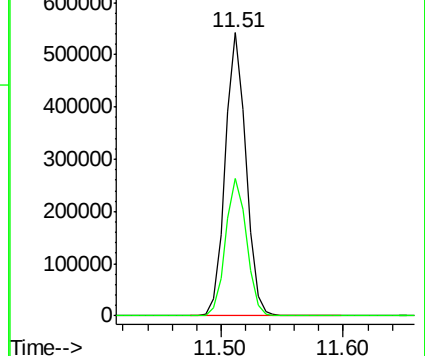
105 100

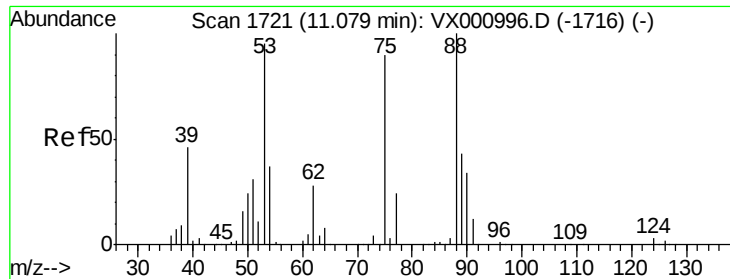
120 49.4 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 45.88 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

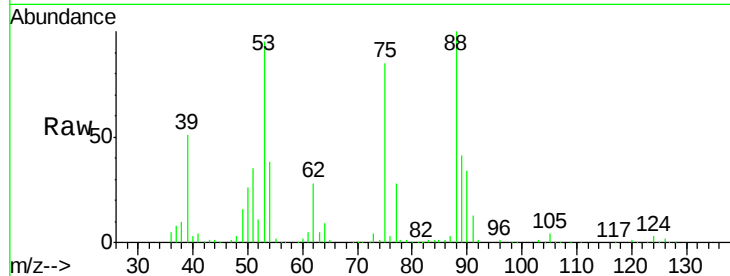
Tgt Ion: 75 Resp: 58304

Ion Ratio Lower Upper

75 100

53 110.2 83.4 125.2

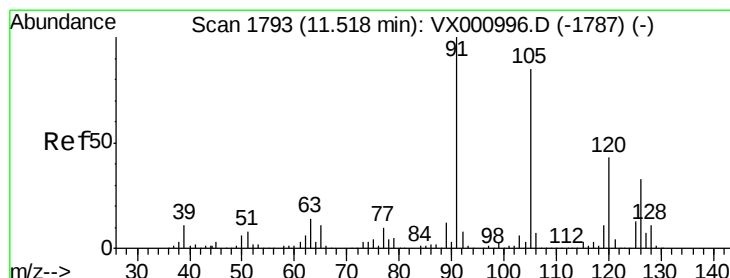
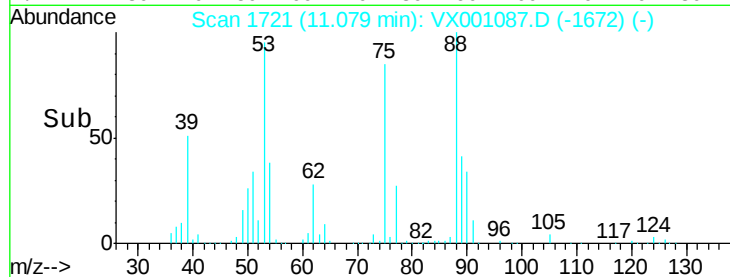
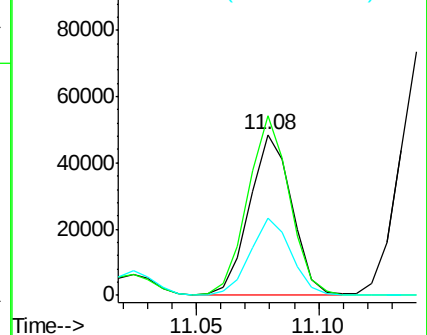
89 47.1 39.7 59.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 48.79 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX001087.D

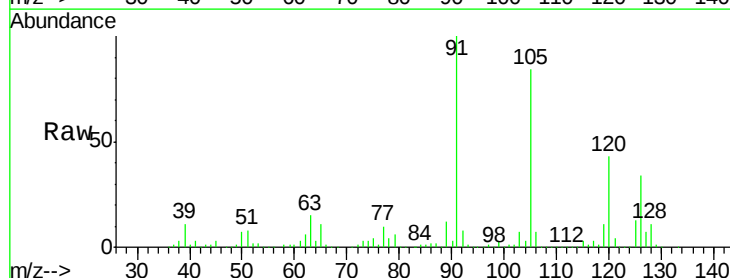
Acq: 24 Apr 2018 20:11

Tgt Ion: 91 Resp: 591319

Ion Ratio Lower Upper

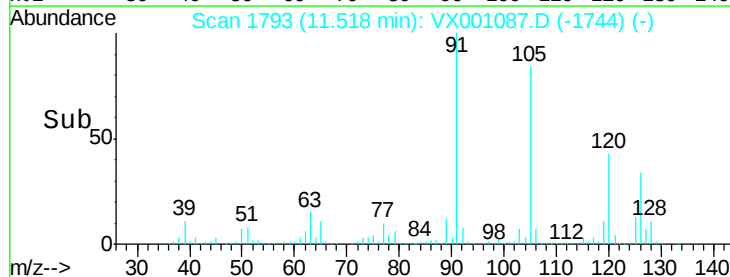
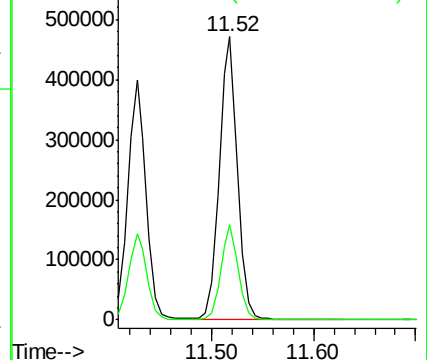
91 100

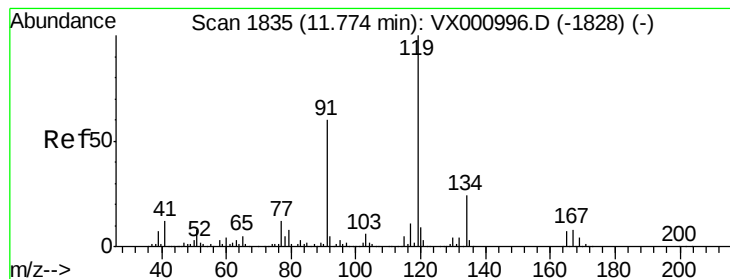
126 31.9 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 50.69 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

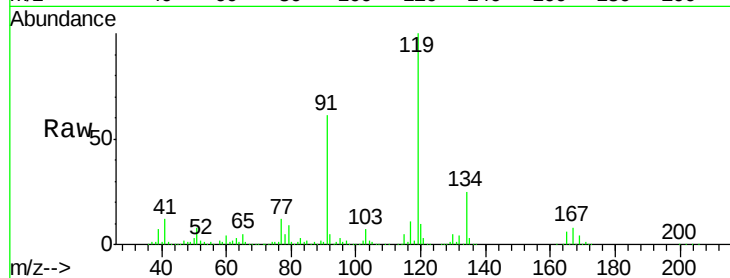
Tgt Ion:119 Resp: 640889

Ion Ratio Lower Upper

119 100

91 56.0 27.0 81.0

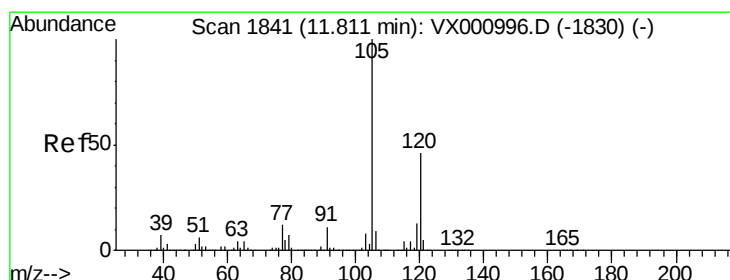
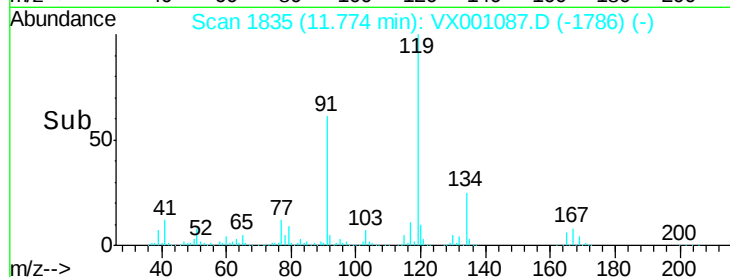
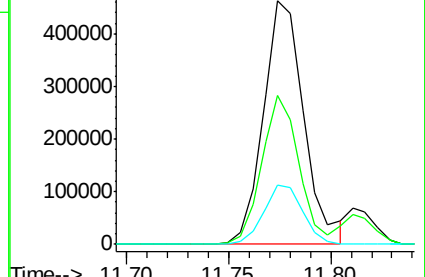
134 23.6 11.6 34.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 50.38 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX001087.D

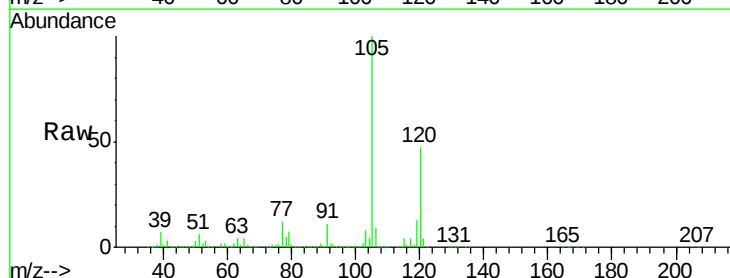
Acq: 24 Apr 2018 20:11

Tgt Ion:105 Resp: 649871

Ion Ratio Lower Upper

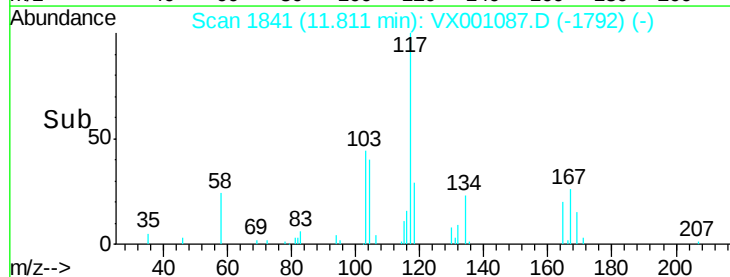
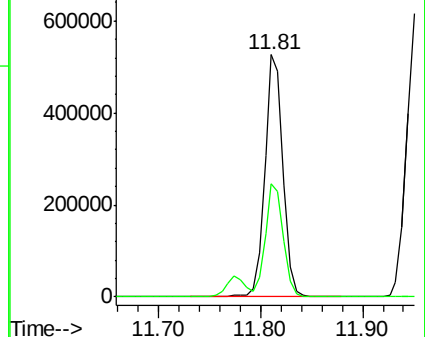
105 100

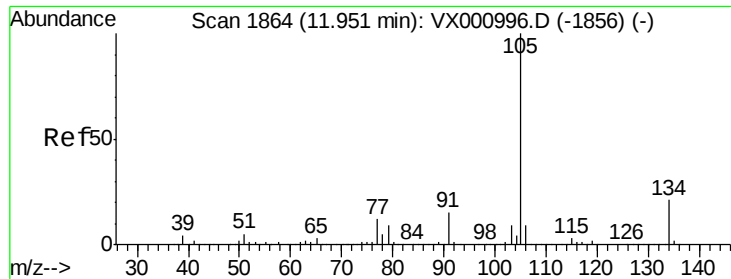
120 46.2 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

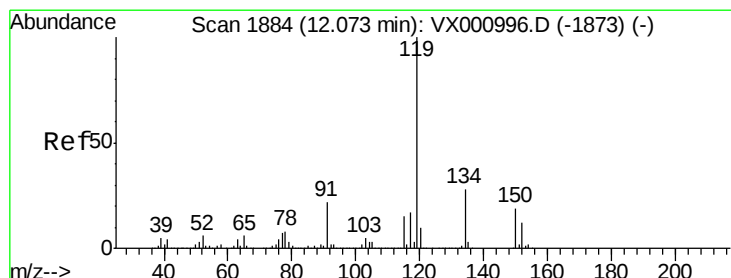
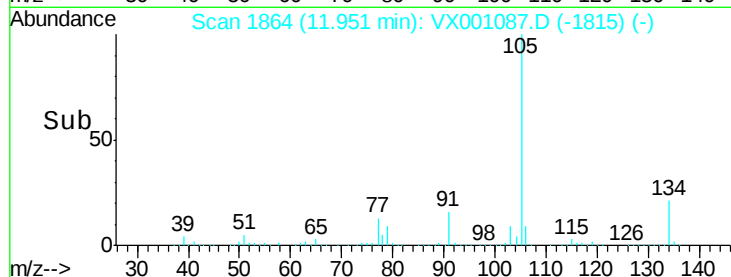
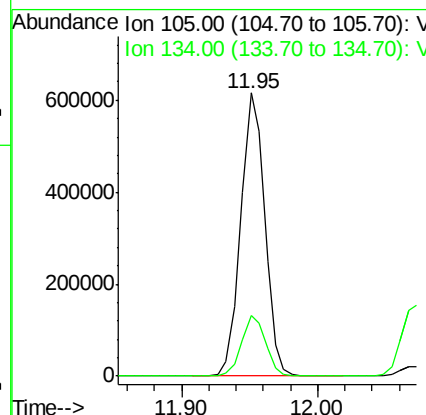
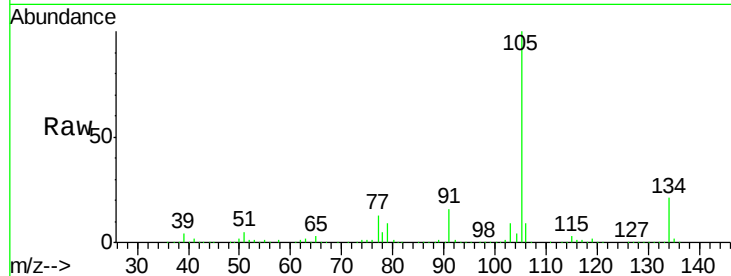




#85
 sec-Butylbenzene
 Concen: 50.28 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX001087.D
 Acq: 24 Apr 2018 20:11

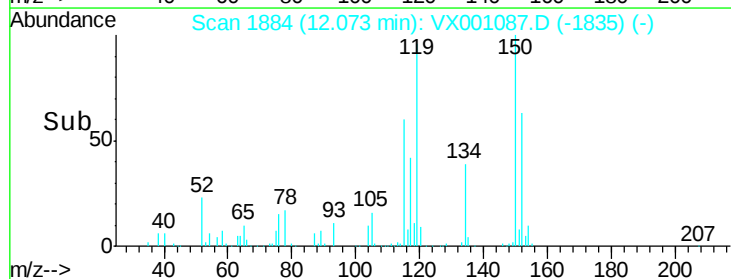
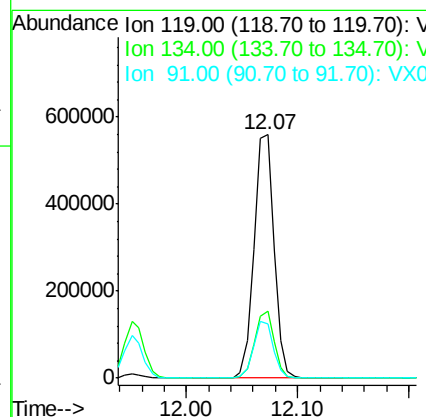
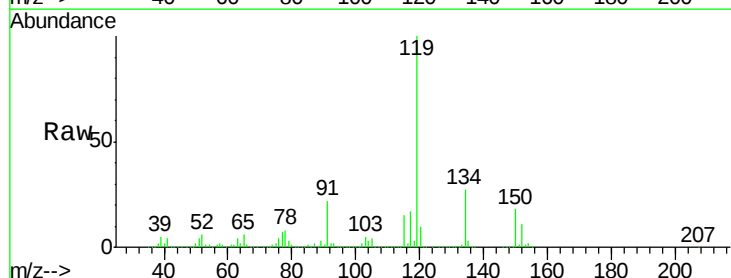
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

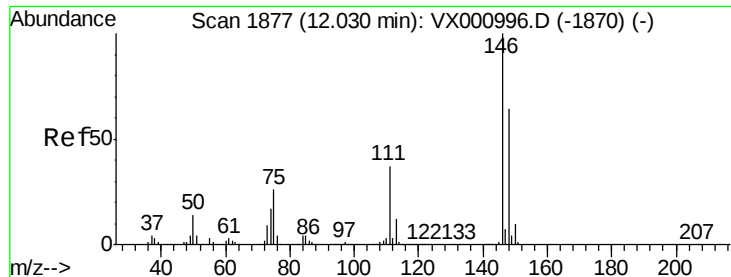
Tgt Ion:105 Resp: 758862
 Ion Ratio Lower Upper
 105 100
 134 21.4 10.5 31.6



#86
 p-Isopropyltoluene
 Concen: 50.02 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX001087.D
 Acq: 24 Apr 2018 20:11

Tgt Ion:119 Resp: 698345
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.5 40.5
 91 22.9 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 47.86 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

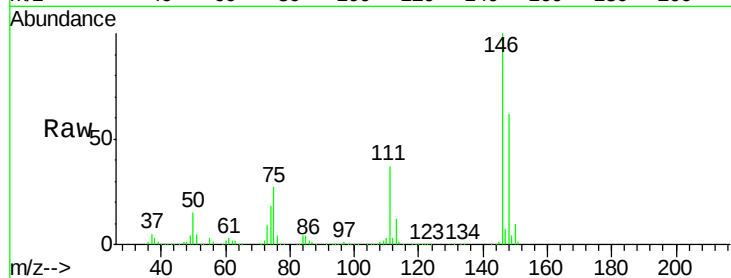
Tgt Ion:146 Resp: 384521

Ion Ratio Lower Upper

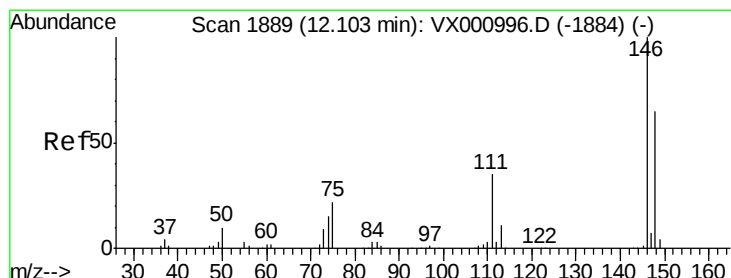
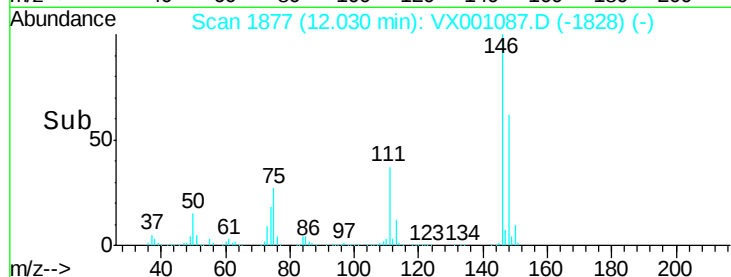
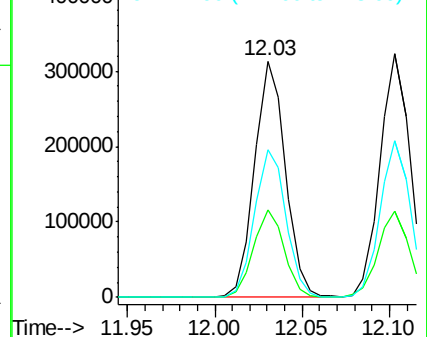
146 100

111 37.0 18.3 54.8

148 63.7 32.2 96.6



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



#88

1,4-Dichlorobenzene

Concen: 47.05 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

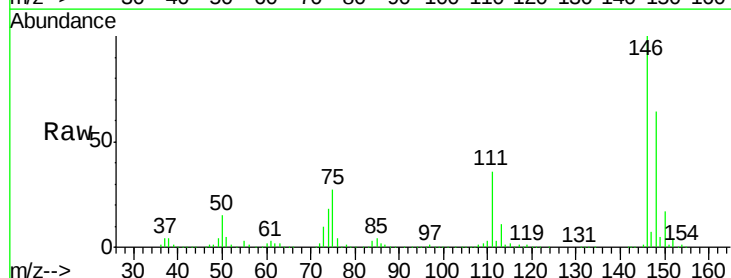
Tgt Ion:146 Resp: 388036

Ion Ratio Lower Upper

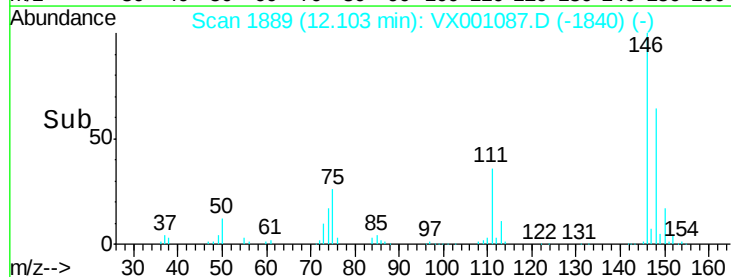
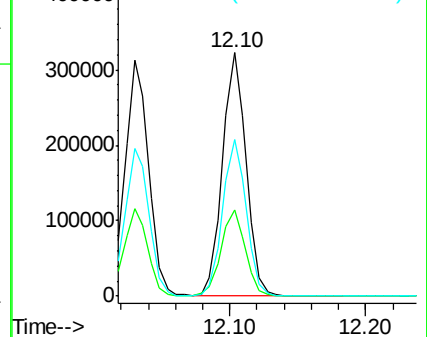
146 100

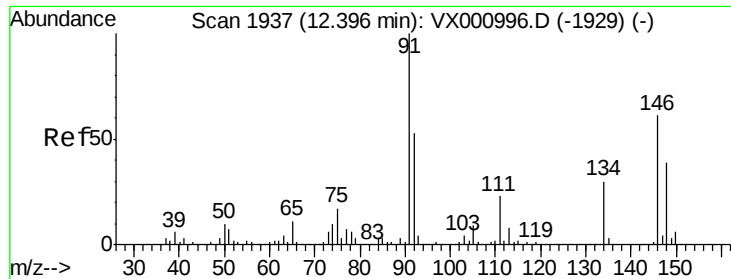
111 36.3 18.0 54.0

148 64.5 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

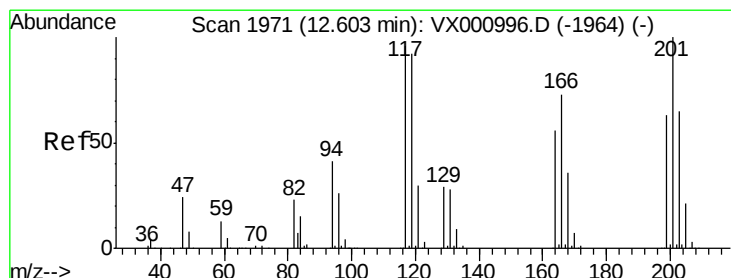
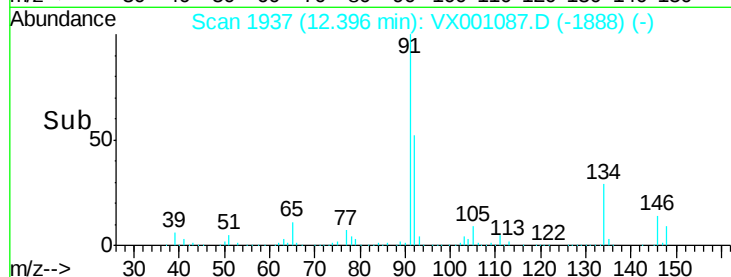
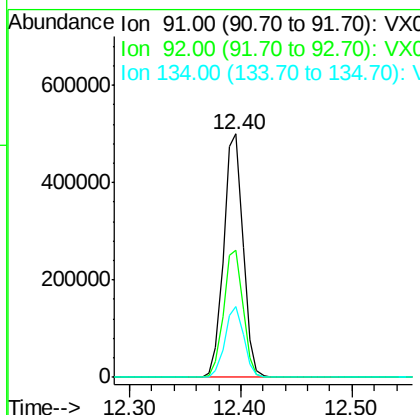
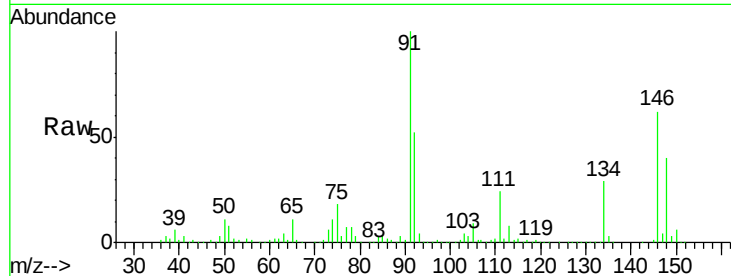




#89
n-Butylbenzene
Concen: 48.41 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX001087.D
Acq: 24 Apr 2018 20:11

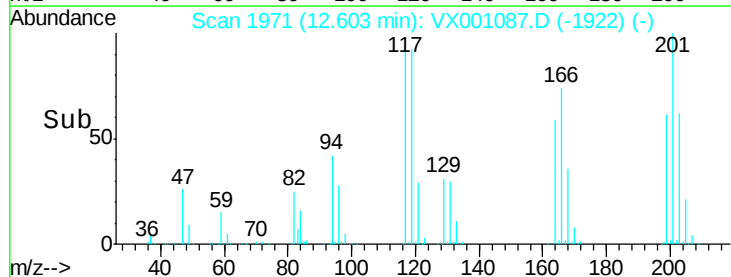
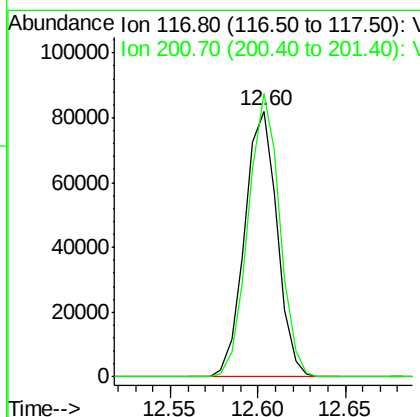
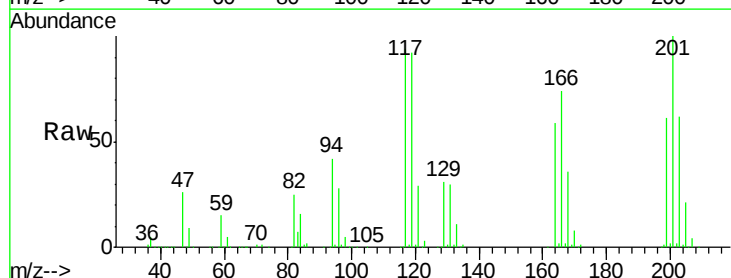
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

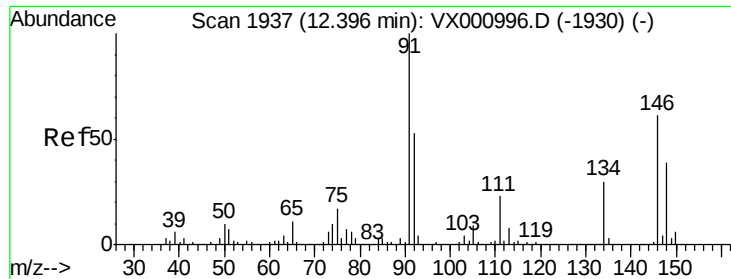
Tgt Ion: 91 Resp: 601393
Ion Ratio Lower Upper
91 100
92 52.6 26.3 78.9
134 28.4 14.4 43.0



#90
Hexachloroethane
Concen: 53.42 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX001087.D
Acq: 24 Apr 2018 20:11

Tgt Ion: 117 Resp: 105678
Ion Ratio Lower Upper
117 100
201 103.6 52.3 157.1

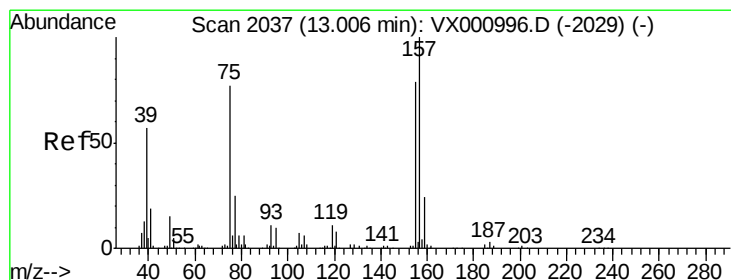
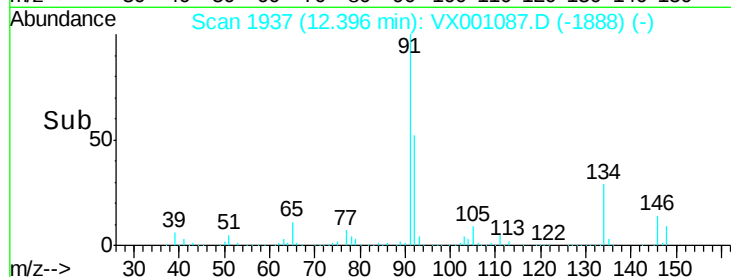
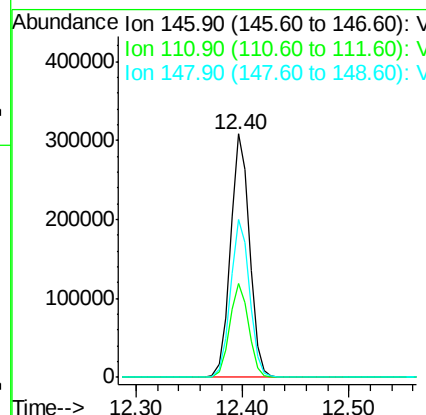
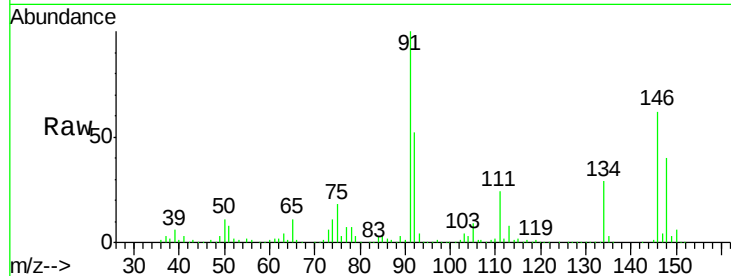




#91
 1,2-Dichlorobenzene
 Concen: 49.61 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001087.D
 Acq: 24 Apr 2018 20:11

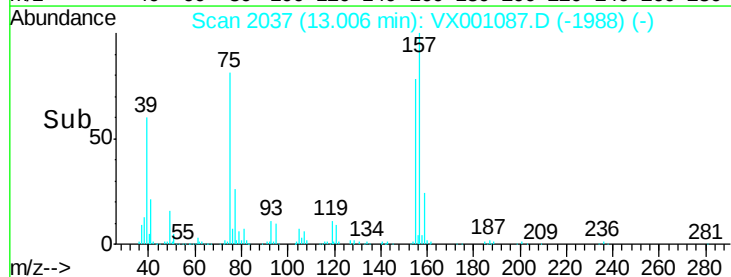
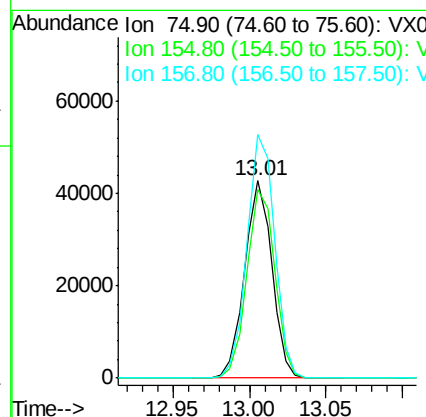
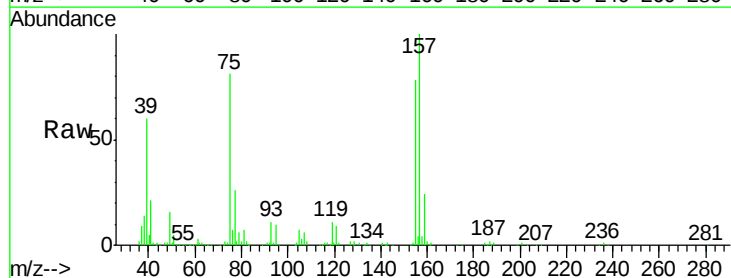
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

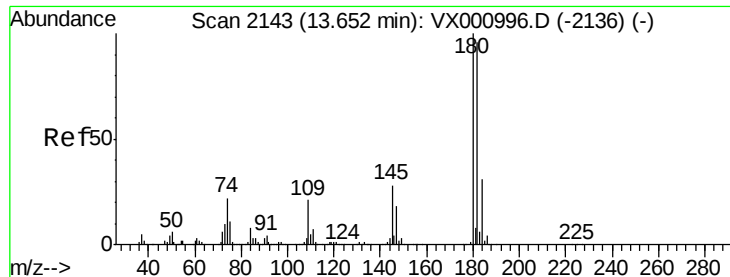
Tgt Ion: 146 Resp: 385917
 Ion Ratio Lower Upper
 146 100
 111 38.2 18.6 56.0
 148 64.7 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 60.27 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX001087.D
 Acq: 24 Apr 2018 20:11

Tgt Ion: 75 Resp: 52845
 Ion Ratio Lower Upper
 75 100
 155 98.1 51.0 153.0
 157 125.6 64.9 194.7

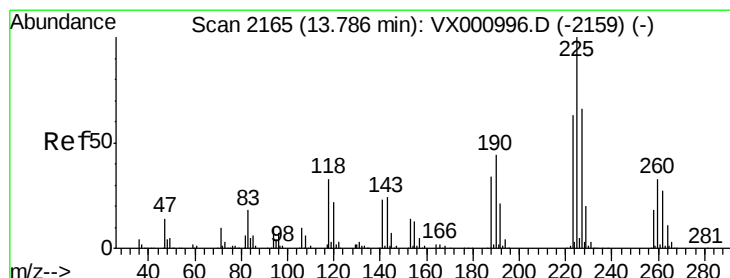
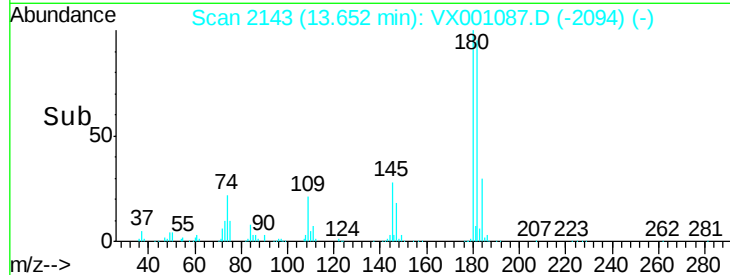
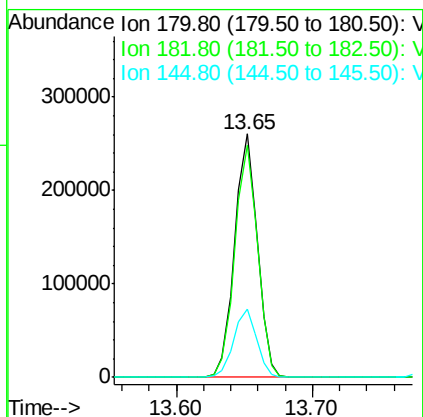
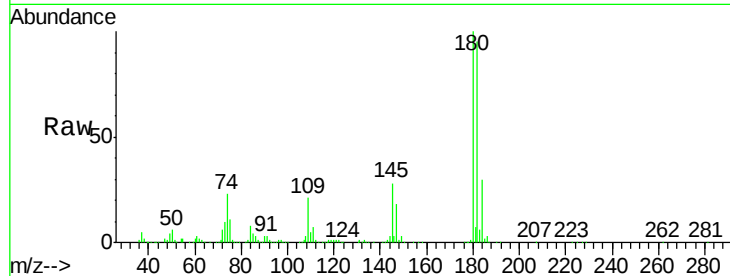




#93
 1,2,4-Trichlorobenzene
 Concen: 46.42 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001087.D
 Acq: 24 Apr 2018 20:11

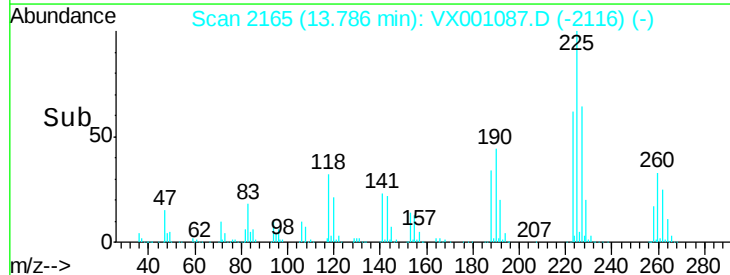
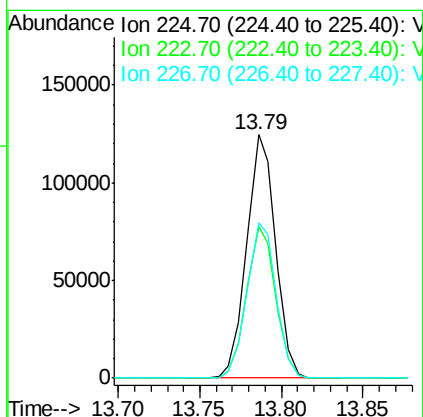
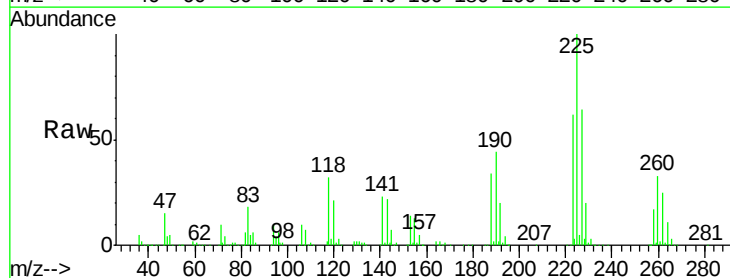
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

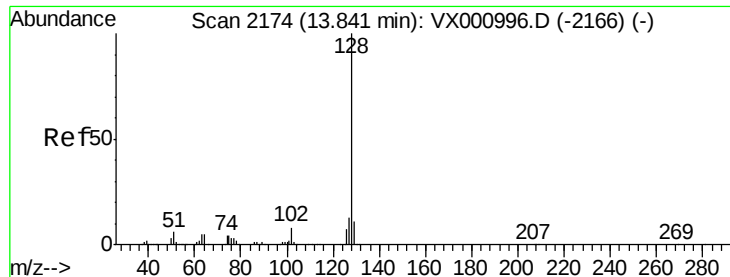
Tgt Ion:180 Resp: 303129
 Ion Ratio Lower Upper
 180 100
 182 95.8 48.0 144.0
 145 28.5 13.9 41.7



#94
 Hexachlorobutadiene
 Concen: 52.11 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX001087.D
 Acq: 24 Apr 2018 20:11

Tgt Ion:225 Resp: 153965
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.5 94.5
 227 64.3 32.6 97.8





#95

Naphthalene

Concen: 53.49 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

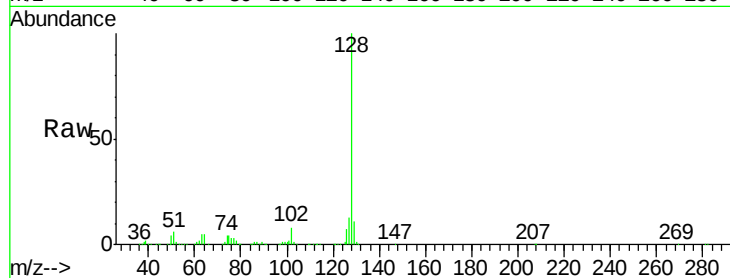
Tgt Ion:128 Resp: 858956

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

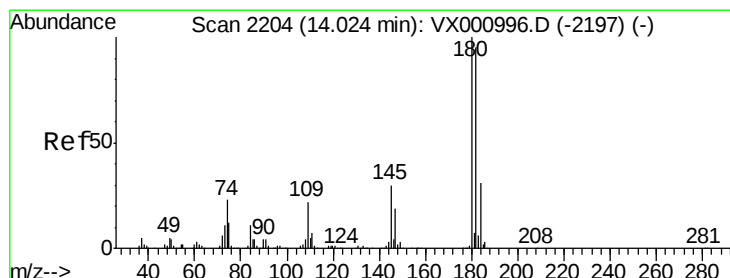
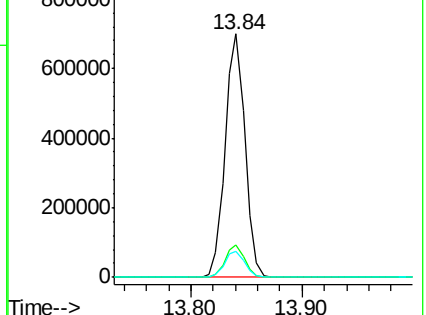
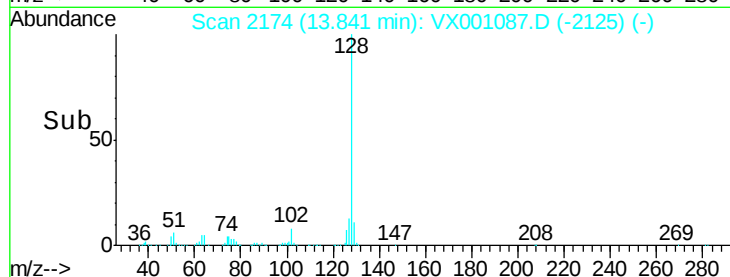
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 48.88 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

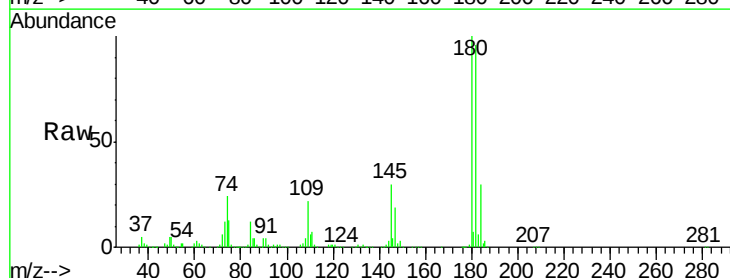
Tgt Ion:180 Resp: 308714

Ion Ratio Lower Upper

180 100

182 95.9 47.9 143.7

145 28.8 14.5 43.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

