

Data File : VX001111.D

Acq On : 25 Apr 2018 06:49

Operator : JC/MD

Sample : VSTDCCC050

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Apr 25 07:32:35 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	246611	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	339434	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	326578	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	225873	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	147129	47.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.12%	
35) Dibromofluoromethane	5.51	113	122617	47.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.74%	
50) Toluene-d8	8.72	98	429656	44.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.78%	
62) 4-Bromofluorobenzene	11.14	95	180760	45.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	157814	51.60	ug/l	98
3) Chloromethane	1.32	50	136231	47.83	ug/l	99
4) Vinyl Chloride	1.40	62	154294	52.27	ug/l	100
5) Bromomethane	1.64	94	84724	49.88	ug/l	99
6) Chloroethane	1.72	64	88880	50.67	ug/l	99
7) Trichlorofluoromethane	1.93	101	228643	51.56	ug/l	99
8) Diethyl Ether	2.19	74	83484	50.97	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	127334	49.01	ug/l	98
10) Methyl Iodide	2.51	142	118184	46.69	ug/l	99
11) Tert butyl alcohol	3.08	59	150186	318.56	ug/l	98
12) 1,1-Dichloroethene	2.38	96	119230	49.62	ug/l	98
13) Acrolein	2.30	56	56462	378.53	ug/l	100
14) Allyl chloride	2.73	41	217764	50.08	ug/l	99
15) Acrylonitrile	3.15	53	347596	272.42	ug/l	100
16) Acetone	2.45	43	306766	260.60	ug/l	99
17) Carbon Disulfide	2.57	76	299160	43.69	ug/l	99
18) Methyl Acetate	2.78	43	226144	63.49	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	430345	53.28	ug/l	99
20) Methylene Chloride	2.86	84	135524	54.77	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	128583	48.07	ug/l	99
22) Diisopropyl ether	3.88	45	440152	52.29	ug/l	99
23) Vinyl Acetate	3.83	43	1752051	251.41	ug/l	100
24) 1,1-Dichloroethane	3.70	63	232822	49.31	ug/l	100
25) 2-Butanone	4.71	43	492556	268.04	ug/l	100
26) 2,2-Dichloropropane	4.59	77	142066	34.98	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	145257	48.75	ug/l	97
28) Bromochloromethane	5.03	49	96713	53.26	ug/l	98
29) Tetrahydrofuran	5.17	42	317462	273.39	ug/l	100
30) Chloroform	5.23	83	249162	50.95	ug/l	98
31) Cyclohexane	5.58	56	205763	46.69	ug/l	99
32) 1,1,1-Trichloroethane	5.51	97	226065	51.56	ug/l	99
36) 1,1-Dichloropropene	5.81	75	182604	45.78	ug/l	100
37) Ethyl Acetate	4.87	43	192849	52.71	ug/l	100
38) Carbon Tetrachloride	5.79	117	197675	48.94	ug/l	99

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Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC050EC

Quant Time: Apr 25 07:32:35 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	210329	45.30	ug/l	99
40) Benzene	6.15	78	536300	48.36	ug/l	99
41) Methacrylonitrile	5.07	41	114622	50.17	ug/l	99
42) 1,2-Dichloroethane	6.21	62	212194	49.85	ug/l	99
43) Isopropyl Acetate	6.48	43	326151	51.96	ug/l	99
44) Trichloroethene	7.22	130	158034	46.64	ug/l	98
45) 1,2-Dichloropropane	7.52	63	139635	50.08	ug/l	98
46) Dibromomethane	7.67	93	96365	49.46	ug/l	99
47) Bromodichloromethane	7.91	83	187912	52.06	ug/l	98
48) Methyl methacrylate	7.79	41	176178	52.12	ug/l	98
49) 1,4-Dioxane	7.76	88	62956	1266.60	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	1065582	279.57	ug/l	99
52) Toluene	8.79	92	358139	49.48	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	210555	48.78	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	200558	49.27	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	146628	50.97	ug/l	98
56) Ethyl methacrylate	9.19	69	221786	52.49	ug/l	98
57) 1,3-Dichloropropane	9.38	76	238254	49.99	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	539369	261.55	ug/l	99
59) 2-Hexanone	9.51	43	807745	276.87	ug/l	99
60) Dibromochloromethane	9.59	129	160910	53.26	ug/l	100
61) 1,2-Dibromoethane	9.68	107	157282	51.80	ug/l	98
64) Tetrachloroethene	9.34	164	173590	50.05	ug/l	99
65) Chlorobenzene	10.15	112	417677	48.03	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	154570	51.79	ug/l	99
67) Ethyl Benzene	10.26	91	701931	48.61	ug/l	100
68) m/p-Xylenes	10.37	106	557597	97.97	ug/l	99
69) o-Xylene	10.70	106	270893	49.37	ug/l	100
70) Styrene	10.72	104	450580	49.86	ug/l	99
71) Bromoform	10.87	173	131245	47.38	ug/l	99
73) Isopropylbenzene	11.02	105	735310	49.80	ug/l	100
74) N-amyl acetate	6.48	43	326151	51.63	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	225094	53.85	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	245439	62.63	ug/l	88
77) Bromobenzene	11.26	156	209358	48.84	ug/l	99
78) n-propylbenzene	11.37	91	826143	48.73	ug/l	99
79) 2-Chlorotoluene	11.43	91	495611	49.48	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	626869	50.08	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	51915	41.26	ug/l	96
82) 4-Chlorotoluene	11.52	91	593272	49.02	ug/l	99
83) tert-Butylbenzene	11.77	119	639040	50.61	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	647504	50.27	ug/l	99
85) sec-Butylbenzene	11.95	105	753296	49.98	ug/l	100
86) p-Isopropyltoluene	12.07	119	687856	49.33	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	385789	48.08	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	392848	47.70	ug/l	100
89) n-Butylbenzene	12.40	91	589405	47.51	ug/l	100
90) Hexachloroethane	12.60	117	106189	53.75	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	385022	49.56	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	50620	57.80	ug/l	97

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

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Quant Time: Apr 25 07:32:35 2018
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Quant Title : SW846 8260
QLast Update : Fri Apr 20 05:03:28 2018
Response via : Initial Calibration

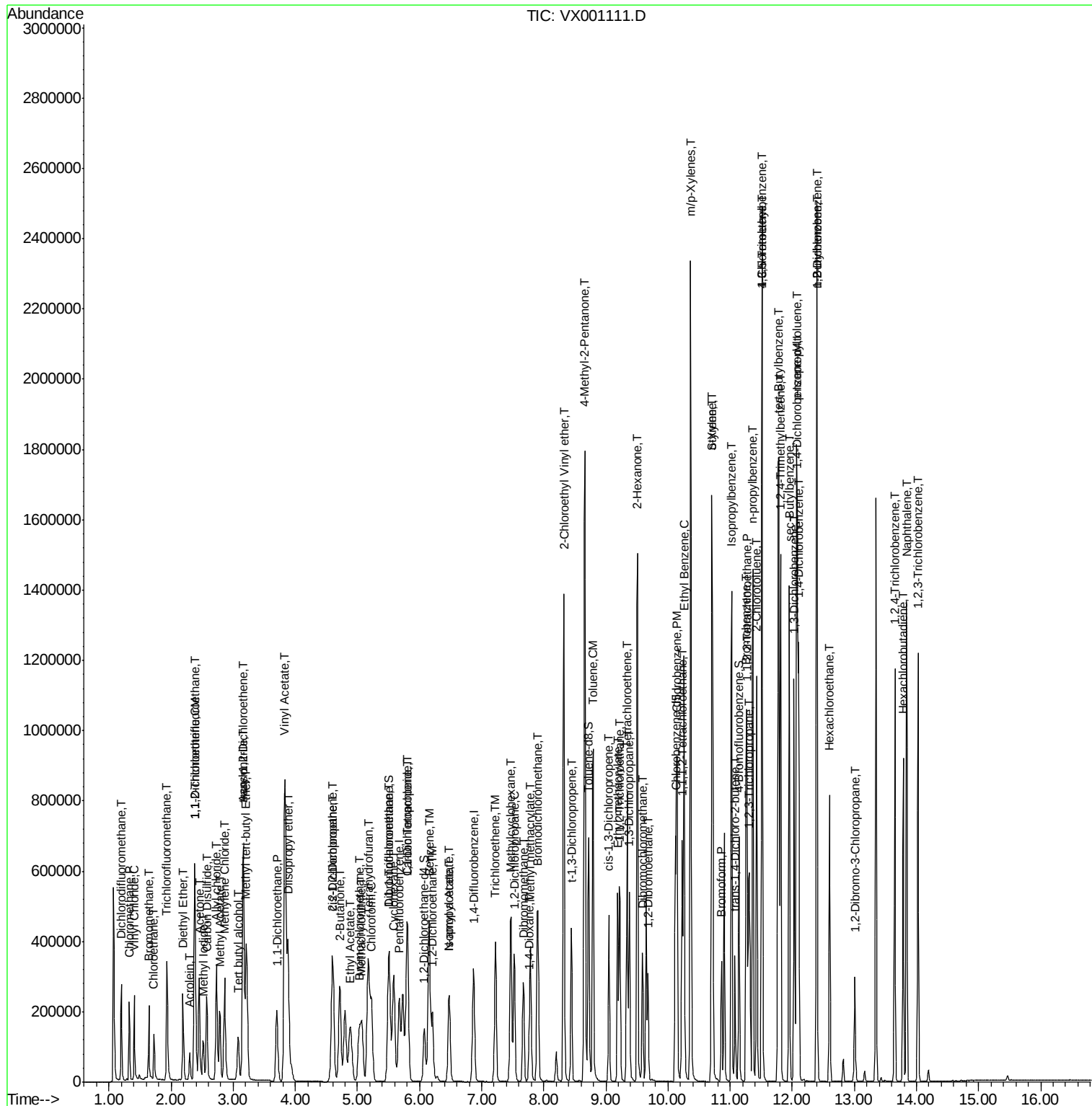
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	302091	46.32	ug/l	100
94) Hexachlorobutadiene	13.79	225	146604	49.68	ug/l	99
95) Naphthalene	13.84	128	842555	52.53	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	306801	48.64	ug/l	100

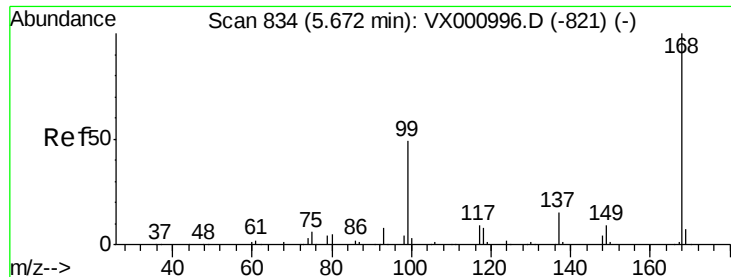
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ALS Vial : 39 Sample Multiplier: 1

VSTDC050EC

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: VX001111.D

Acq: 25 Apr 2018 06:49

Instrument :

MSVOA_X

ClientSampleId :

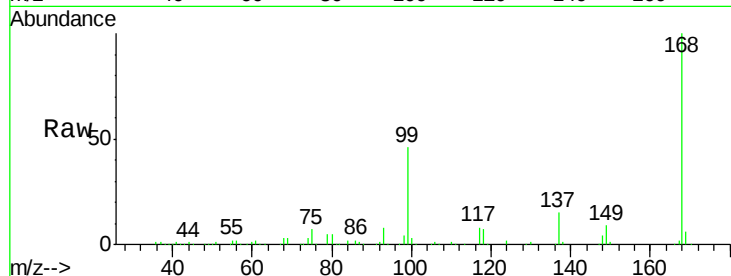
VSTDCCC050EC

Tgt Ion:168 Resp: 246611

Ion Ratio Lower Upper

168 100

99 46.2 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

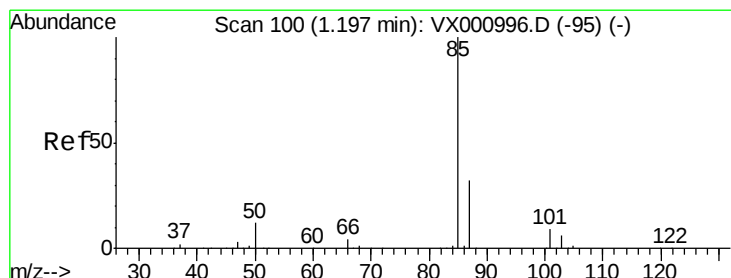
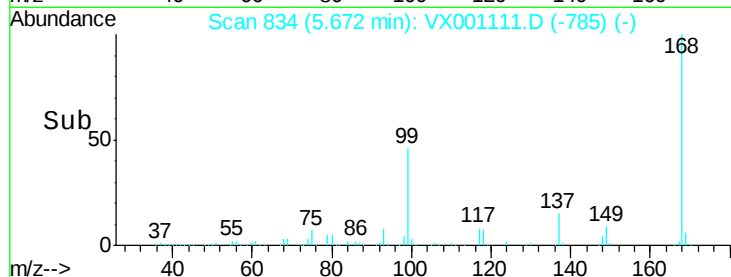
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 51.60 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001111.D

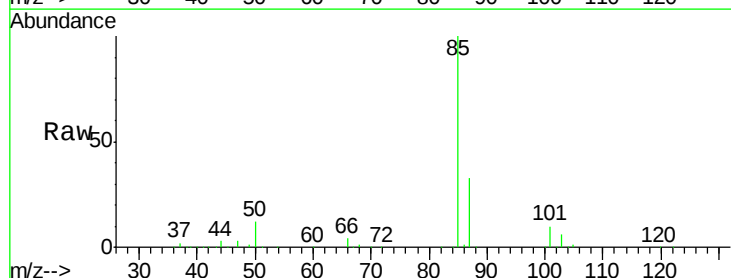
Acq: 25 Apr 2018 06:49

Tgt Ion: 85 Resp: 157814

Ion Ratio Lower Upper

85 100

87 32.7 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

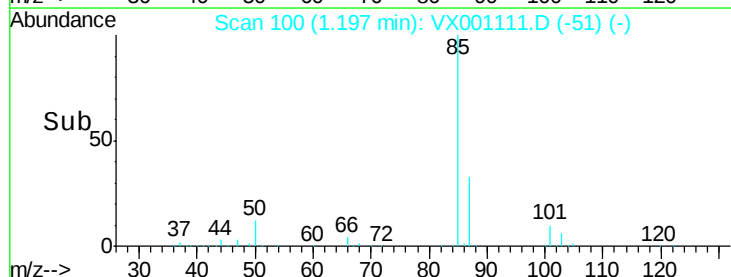
100000

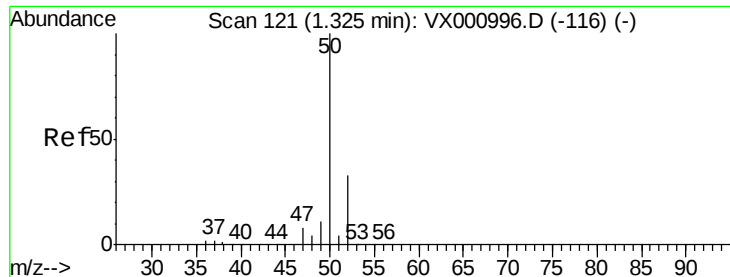
50000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 47.83 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001111.D

Acq: 25 Apr 2018 06:49

Instrument :

MSVOA_X

ClientSampleId :

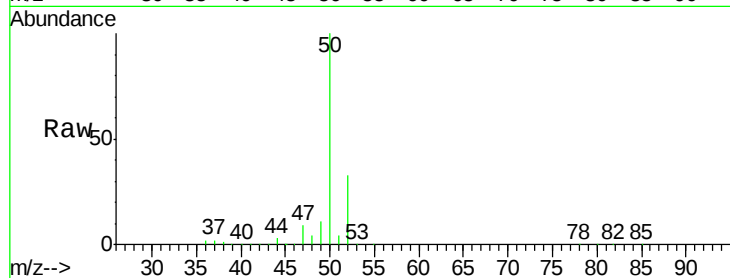
VSTDCCC050EC

Tgt Ion: 50 Resp: 136231

Ion Ratio Lower Upper

50 100

52 32.6 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

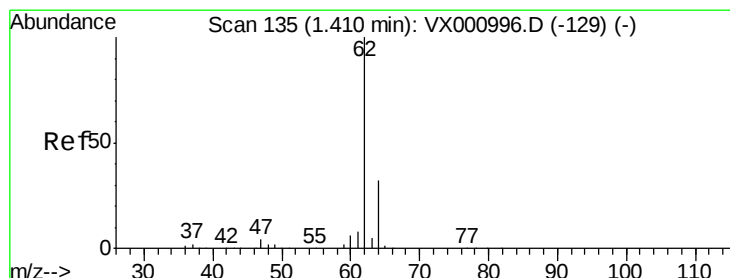
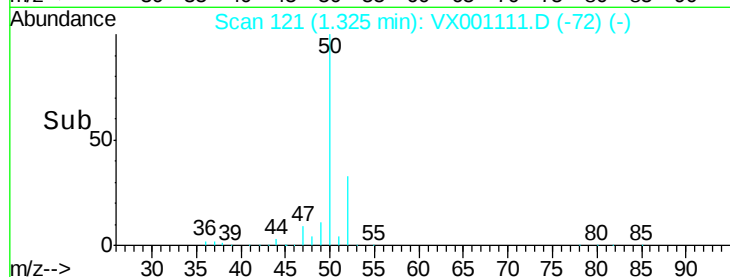
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 52.27 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX001111.D

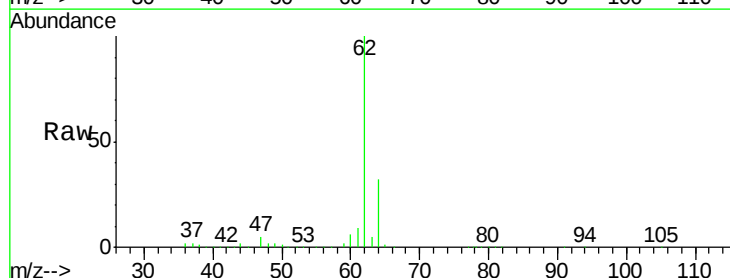
Acq: 25 Apr 2018 06:49

Tgt Ion: 62 Resp: 154294

Ion Ratio Lower Upper

62 100

64 32.2 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

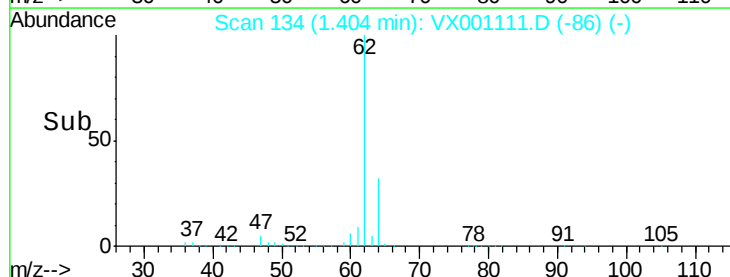
150000

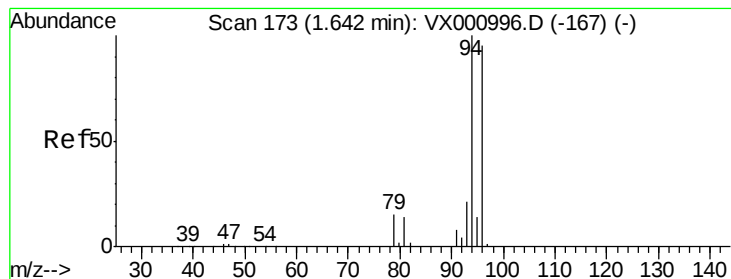
100000

50000

0

Time-->





#5

Bromomethane

Concen: 49.88 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX001111.D

Acq: 25 Apr 2018 06:49

Instrument :

MSVOA_X

ClientSampleId :

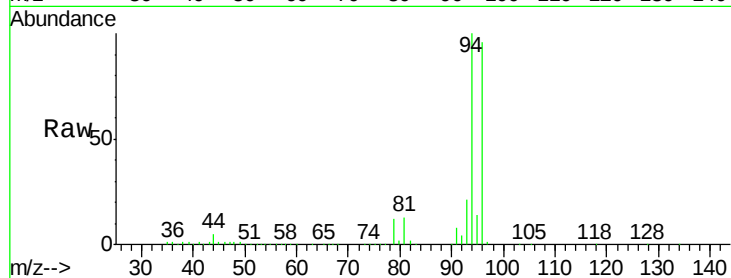
VSTDCCC050EC

Tgt Ion: 94 Resp: 84724

Ion Ratio Lower Upper

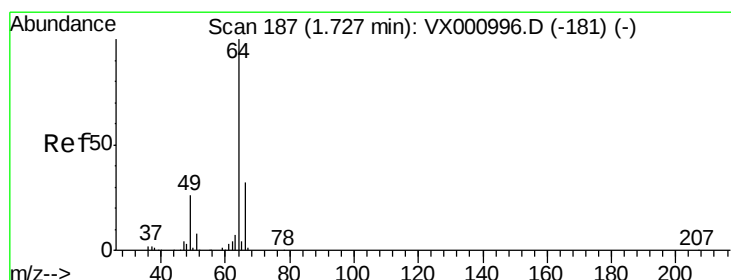
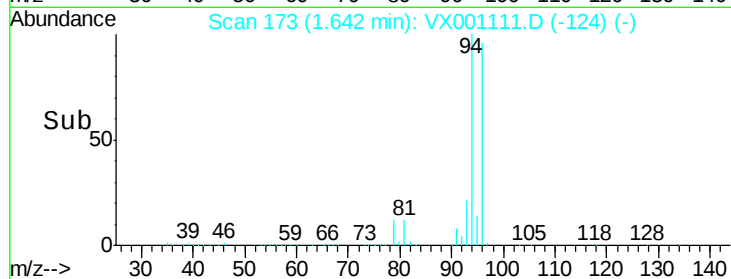
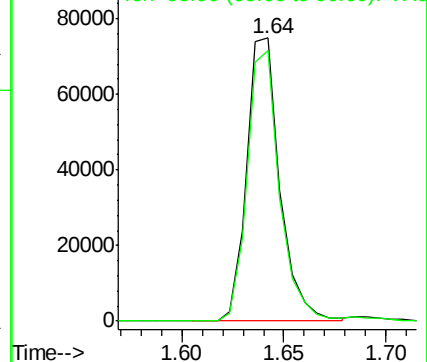
94 100

96 95.5 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: 50.67 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX001111.D

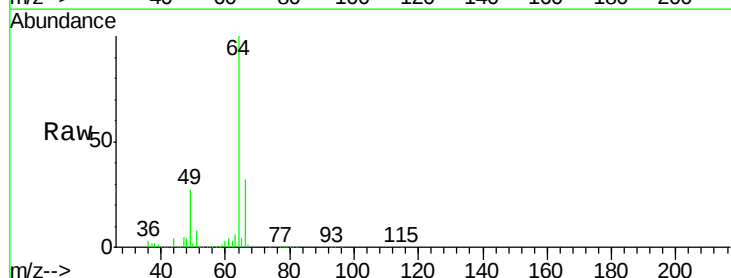
Acq: 25 Apr 2018 06:49

Tgt Ion: 64 Resp: 88880

Ion Ratio Lower Upper

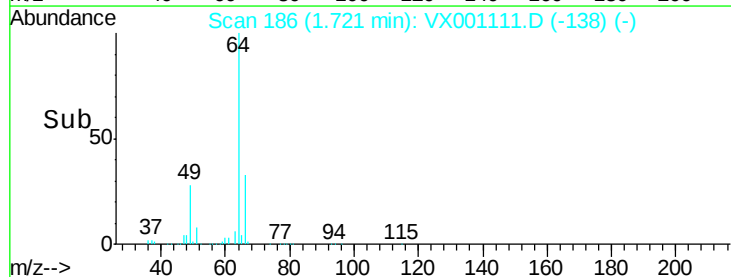
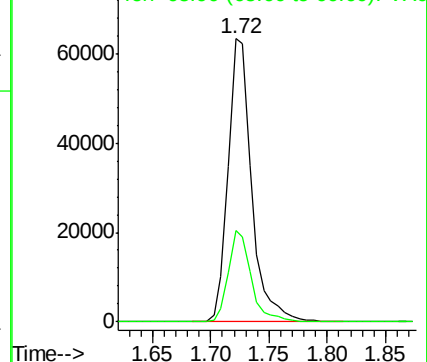
64 100

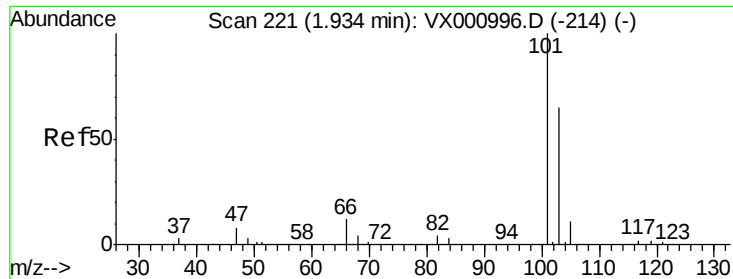
66 32.3 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 51.56 ug/l

RT: 1.93 min Scan# 220

Delta R.T. -0.01 min

Lab File: VX001111.D

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Instrument :

MSVOA_X

ClientSampleId :

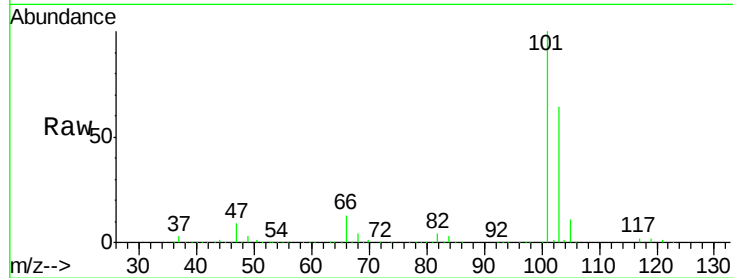
VSTDCCC050EC

Tgt Ion: 101 Resp: 228643

Ion Ratio Lower Upper

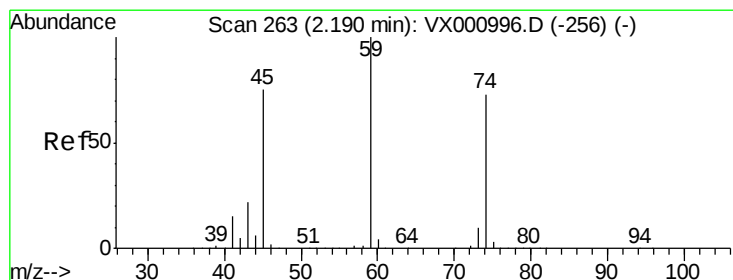
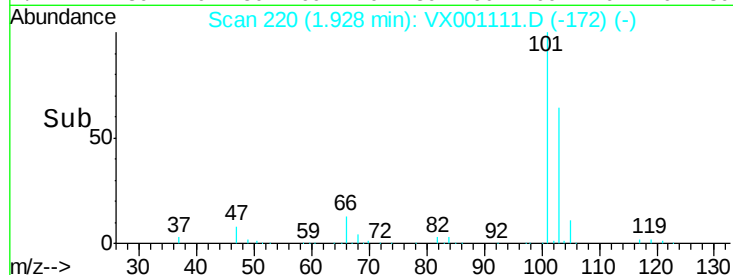
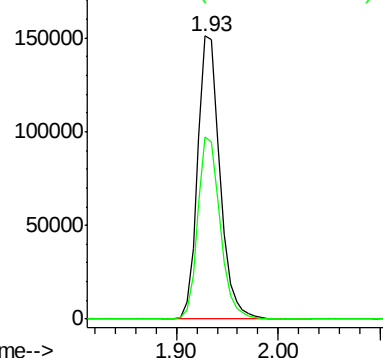
101 100

103 64.3 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: 50.97 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX001111.D

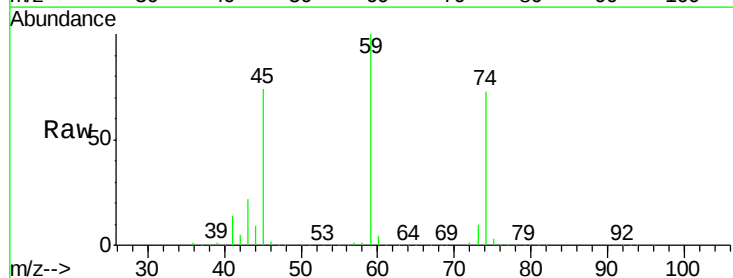
Acq: 25 Apr 2018 06:49

Tgt Ion: 74 Resp: 83484

Ion Ratio Lower Upper

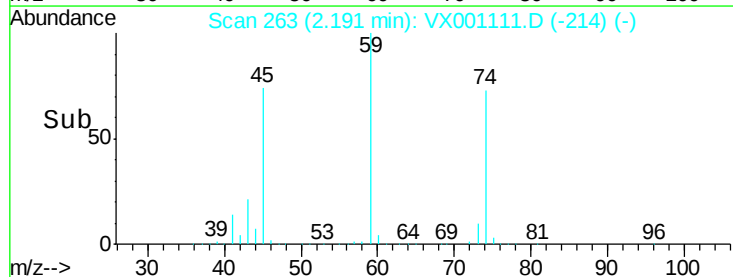
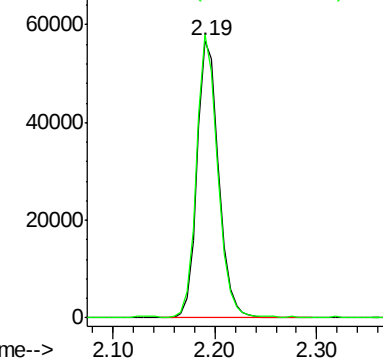
74 100

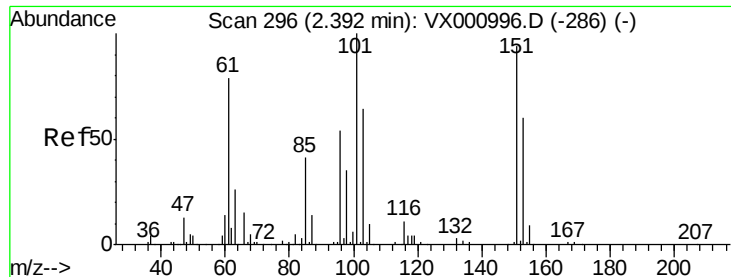
45 99.0 49.0 147.0



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: 49.01 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

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VSTDCCC050EC

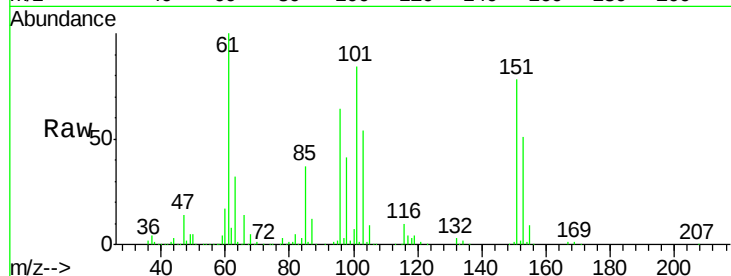
Tgt Ion:101 Resp: 127334

Ion Ratio Lower Upper

101 100

85 44.0 33.9 50.9

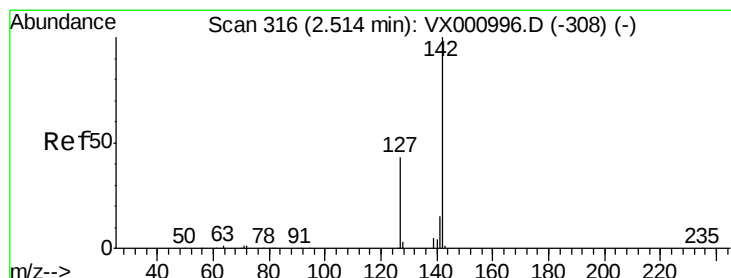
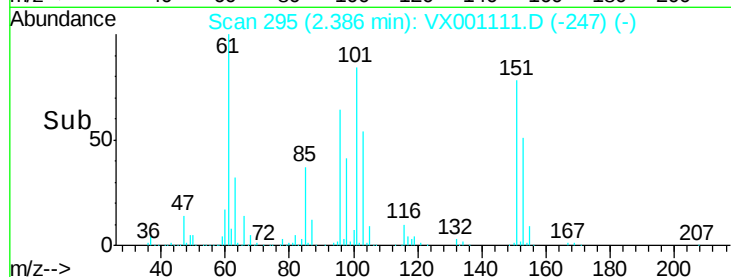
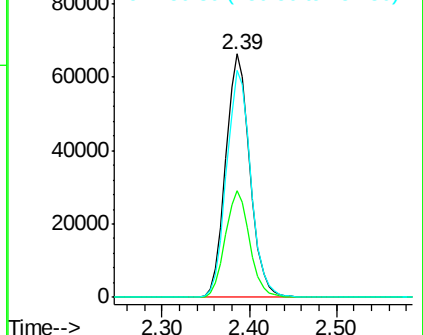
151 93.6 73.5 110.3



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: 46.69 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX001111.D

Acq: 25 Apr 2018 06:49

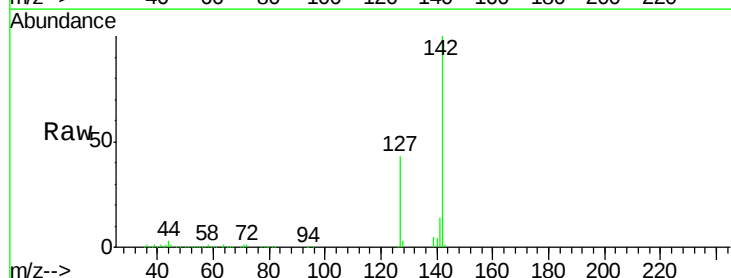
Tgt Ion:142 Resp: 118184

Ion Ratio Lower Upper

142 100

127 43.1 34.0 51.0

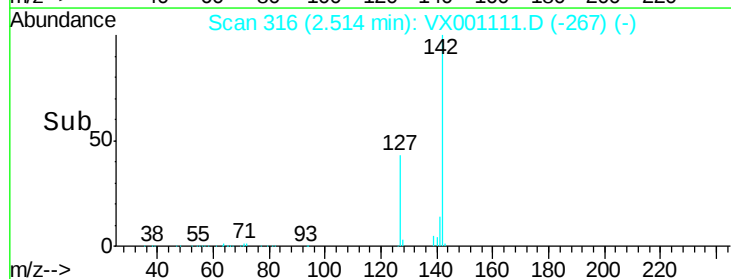
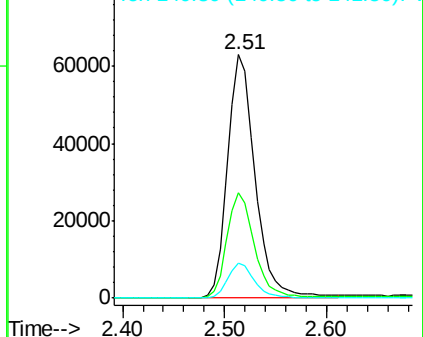
141 14.1 11.4 17.2

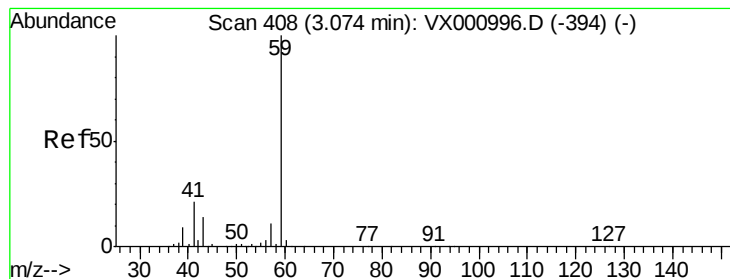


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 318.56 ug/l

RT: 3.08 min Scan# 409

Delta R.T. 0.01 min

Lab File: VX001111.D

Acq: 25 Apr 2018 06:49

Instrument :

MSVOA_X

ClientSampleId :

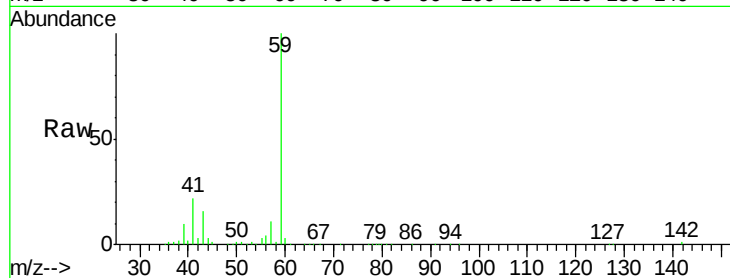
VSTDCCC050EC

Tgt Ion: 59 Resp: 150186

Ion Ratio Lower Upper

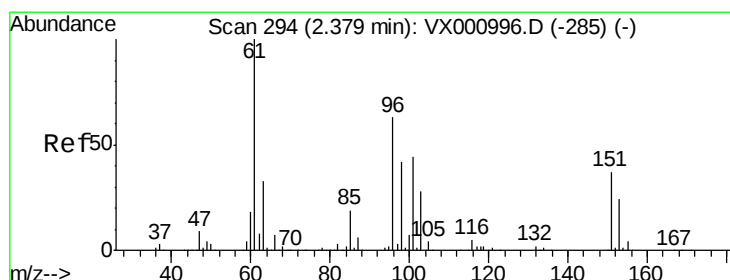
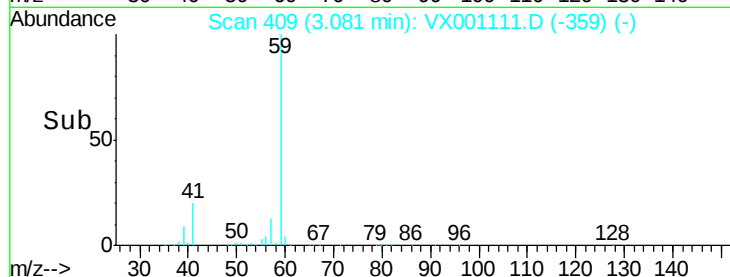
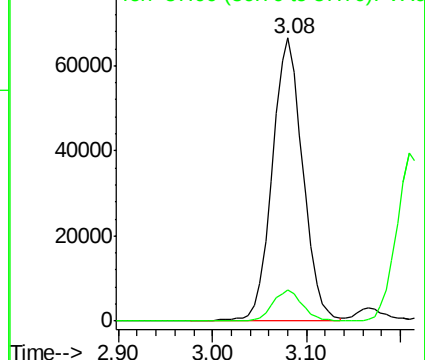
59 100

57 11.0 8.3 12.5



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#12

1,1-Dichloroethene

Concen: 49.62 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX001111.D

Acq: 25 Apr 2018 06:49

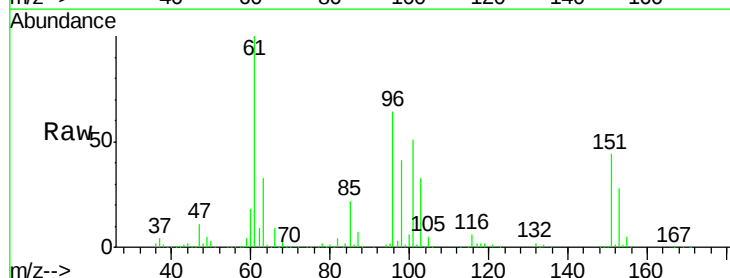
Tgt Ion: 96 Resp: 119230

Ion Ratio Lower Upper

96 100

61 155.2 126.4 189.6

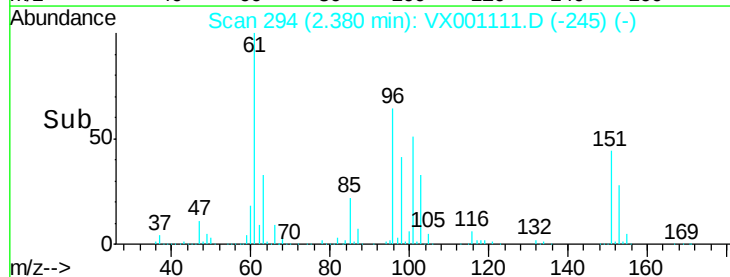
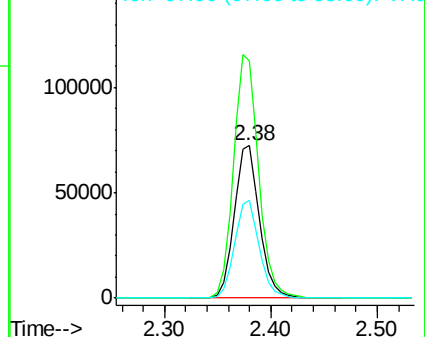
98 63.7 52.6 78.8

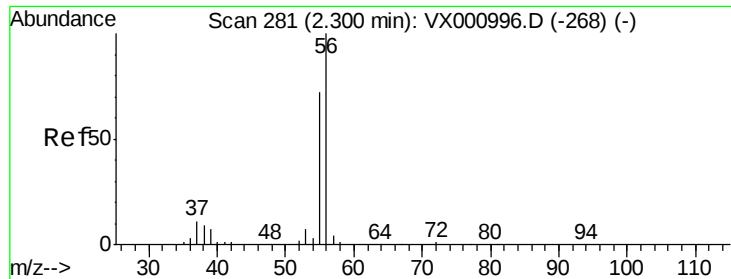


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#13

Acrolein

Concen: 378.53 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX001111.D

Acq: 25 Apr 2018 06:49

Instrument :

MSVOA_X

ClientSampleId :

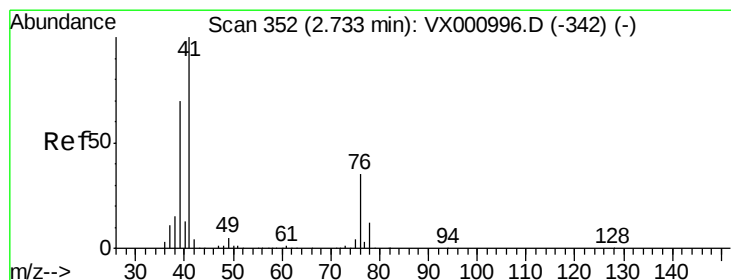
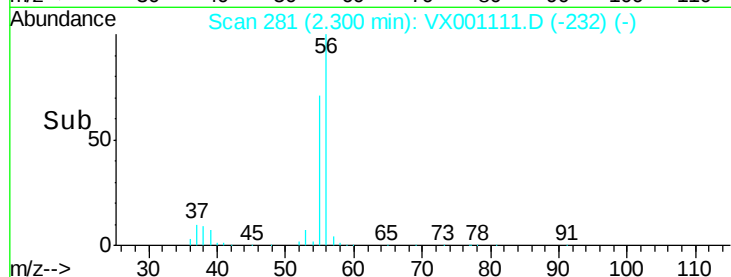
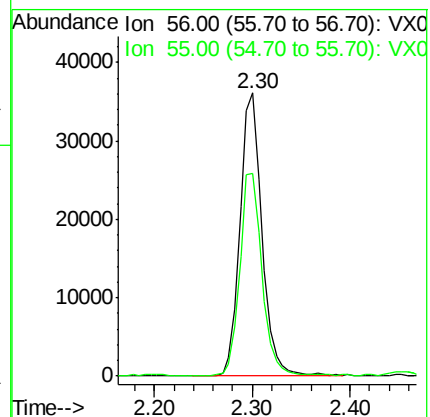
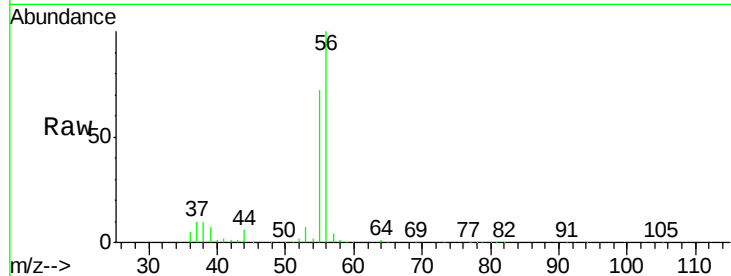
VSTDCCC050EC

Tgt Ion: 56 Resp: 56462

Ion Ratio Lower Upper

56 100

55 72.1 57.4 86.2



#14

Allyl chloride

Concen: 50.08 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX001111.D

Acq: 25 Apr 2018 06:49

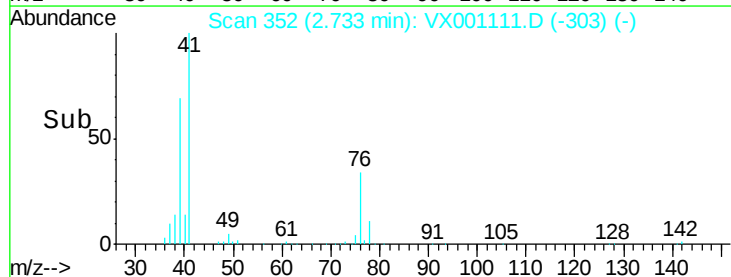
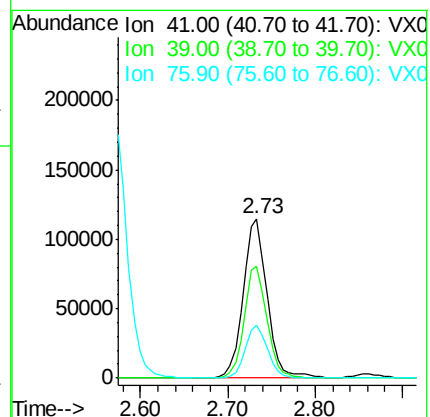
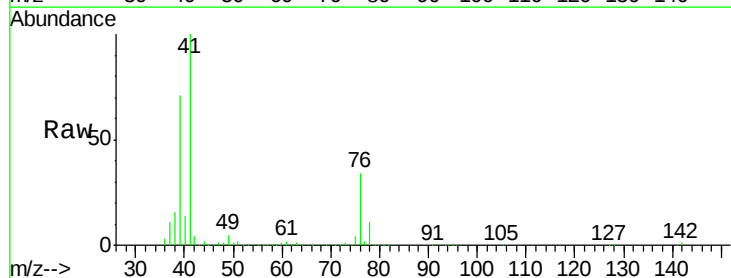
Tgt Ion: 41 Resp: 217764

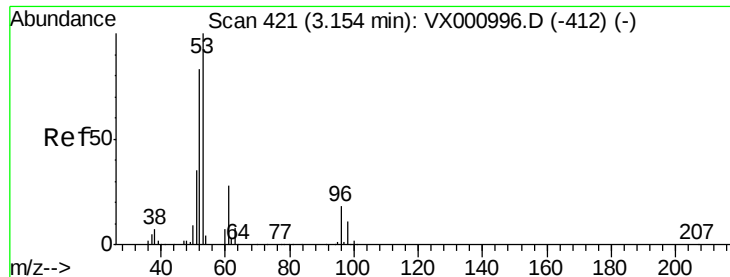
Ion Ratio Lower Upper

41 100

39 66.9 53.0 79.6

76 30.9 25.9 38.9





#15

Acrylonitrile

Concen: 272.42 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001111.D

Acq: 25 Apr 2018 06:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

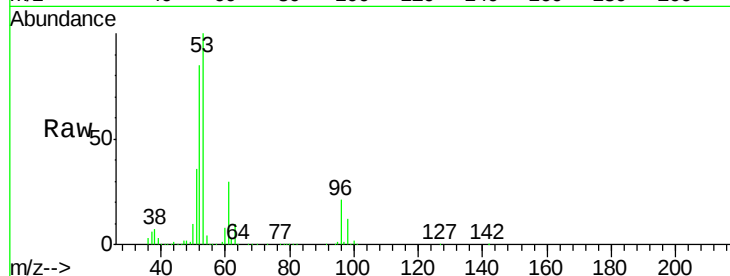
Tgt Ion: 53 Resp: 347596

Ion Ratio Lower Upper

53 100

52 83.3 66.4 99.6

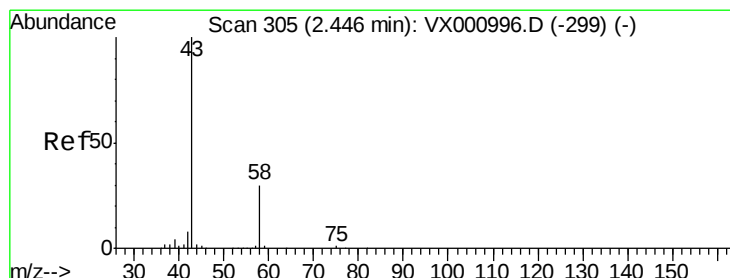
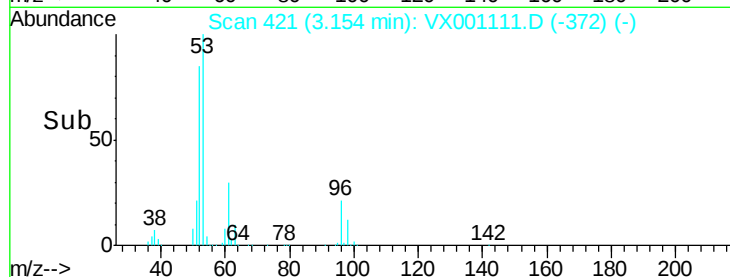
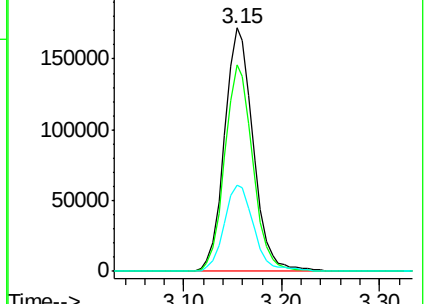
51 36.7 29.0 43.6



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 260.60 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX001111.D

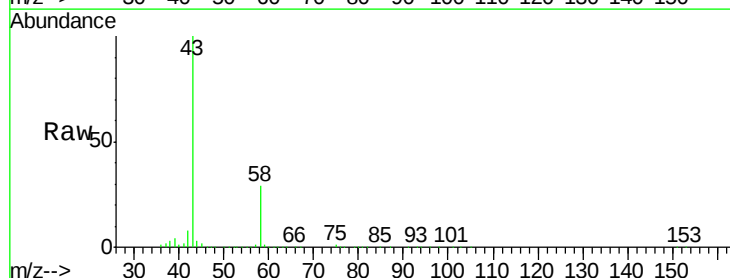
Acq: 25 Apr 2018 06:49

Tgt Ion: 43 Resp: 306766

Ion Ratio Lower Upper

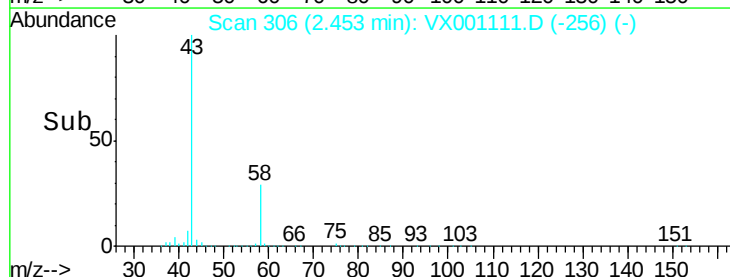
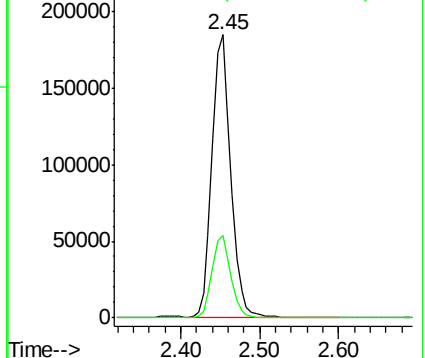
43 100

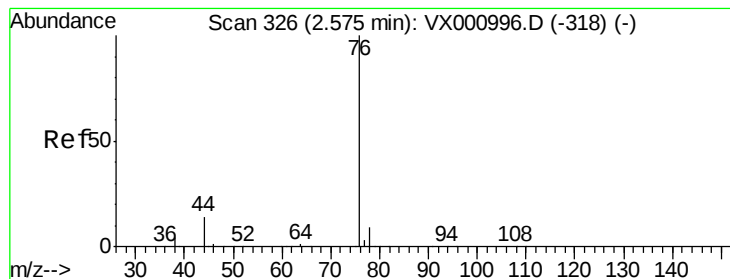
58 29.3 23.7 35.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 43.69 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX001111.D

Acq: 25 Apr 2018 06:49

Instrument :

MSVOA_X

ClientSampleId :

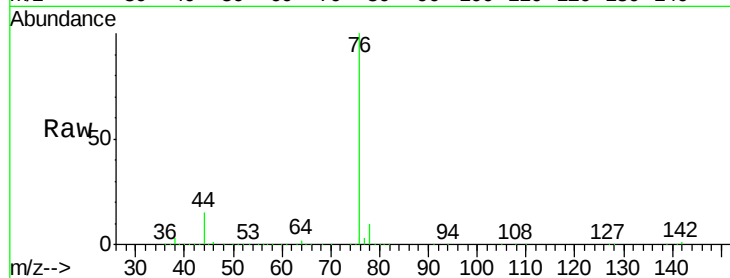
VSTDCCC050EC

Tgt Ion: 76 Resp: 299160

Ion Ratio Lower Upper

76 100

78 9.5 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

200000

150000

100000

50000

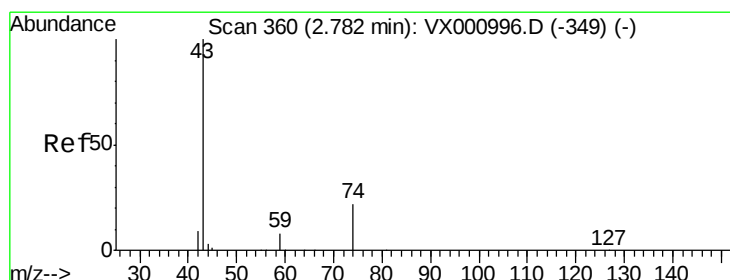
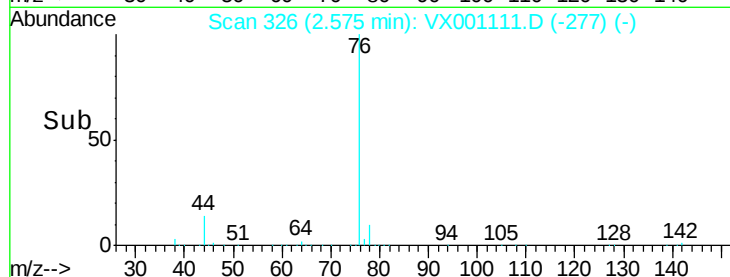
0

2.50

2.60

2.70

Time-->



#18

Methyl Acetate

Concen: 63.49 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX001111.D

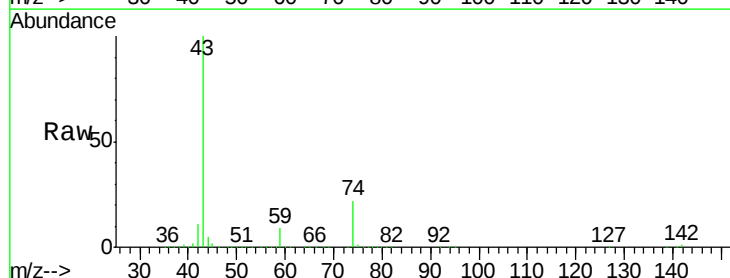
Acq: 25 Apr 2018 06:49

Tgt Ion: 43 Resp: 226144

Ion Ratio Lower Upper

43 100

74 23.0 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

150000

100000

50000

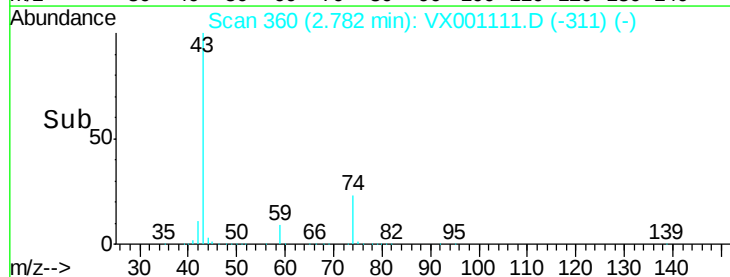
0

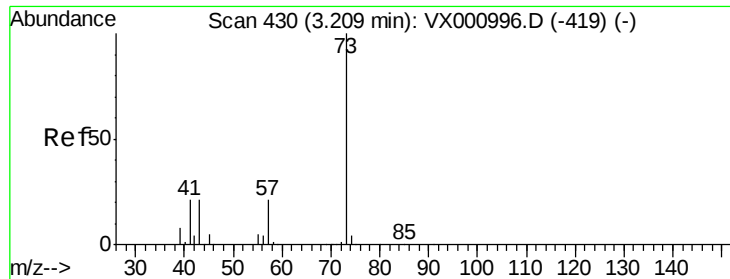
2.70

2.80

2.90

Time-->

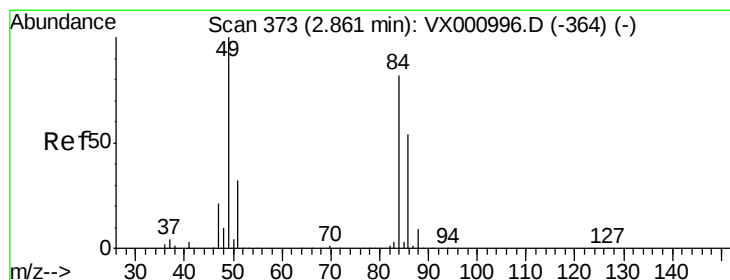
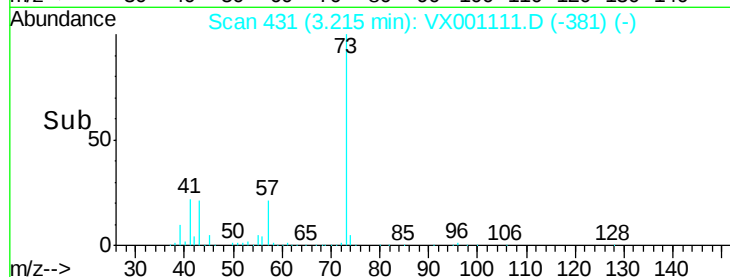
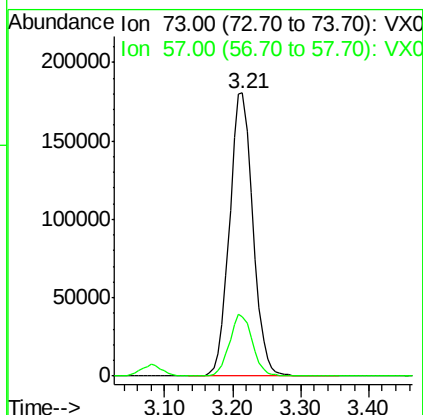
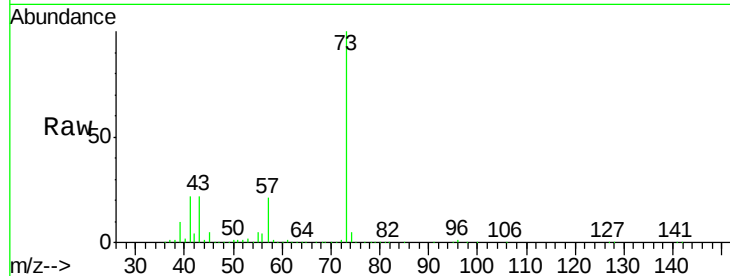




#19
Methyl tert-butyl Ether
Concen: 53.28 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.01 min
Lab File: VX001111.D
Acq: 25 Apr 2018 06:49

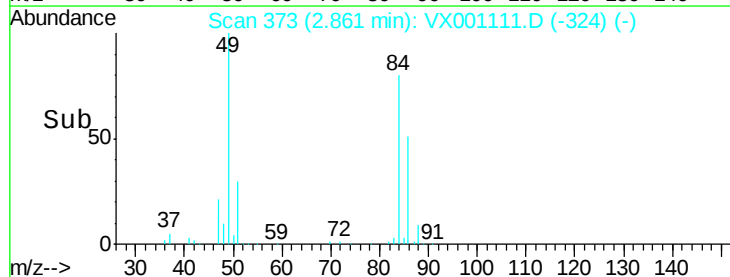
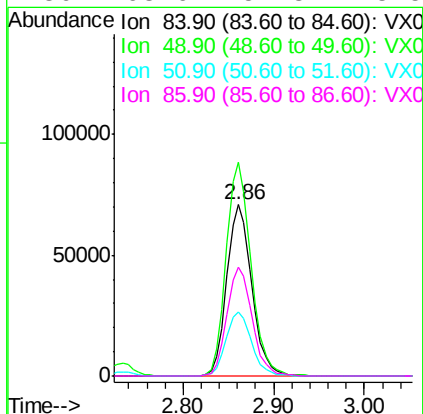
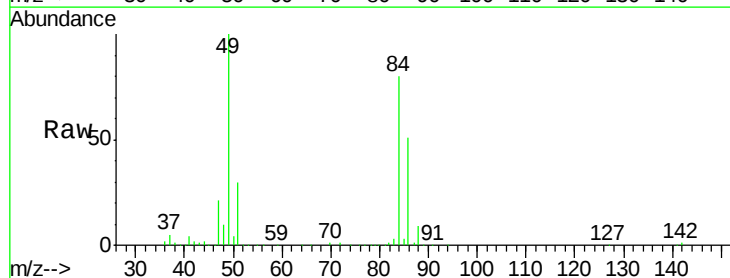
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

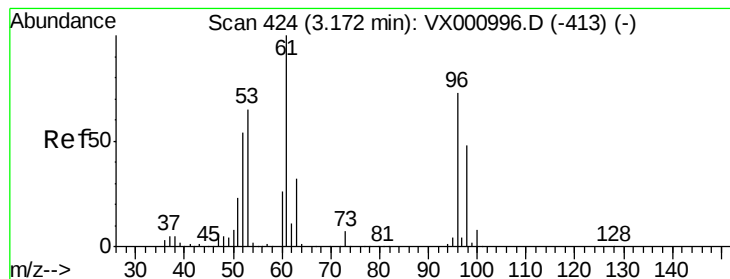
Tgt Ion: 73 Resp: 430345
Ion Ratio Lower Upper
73 100
57 20.8 17.1 25.7



#20
Methylene Chloride
Concen: 54.77 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001111.D
Acq: 25 Apr 2018 06:49

Tgt Ion: 84 Resp: 135524
Ion Ratio Lower Upper
84 100
49 124.9 97.1 145.7
51 37.4 30.8 46.2
86 63.6 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 48.07 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX001111.D

Acq: 25 Apr 2018 06:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

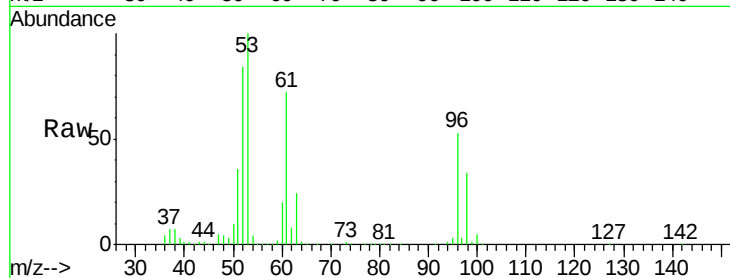
Tgt Ion: 96 Resp: 128583

Ion Ratio Lower Upper

96 100

61 136.8 109.4 164.2

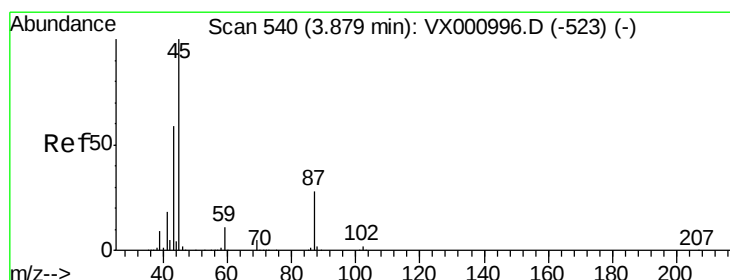
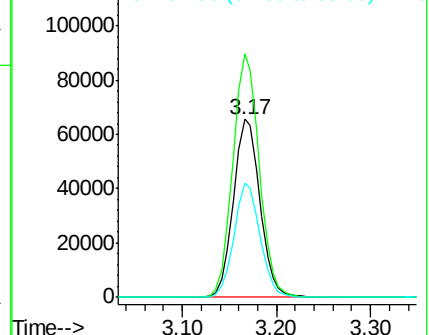
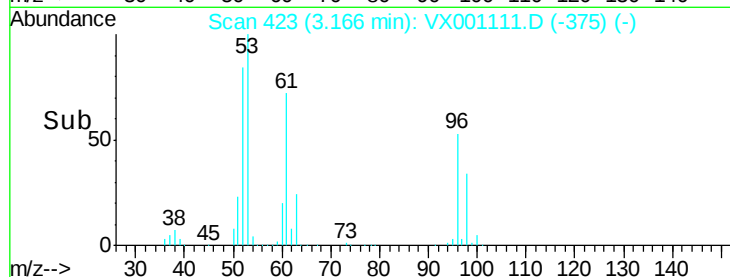
98 64.0 52.6 78.8



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: 52.29 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX001111.D

Acq: 25 Apr 2018 06:49

Tgt Ion: 45 Resp: 440152

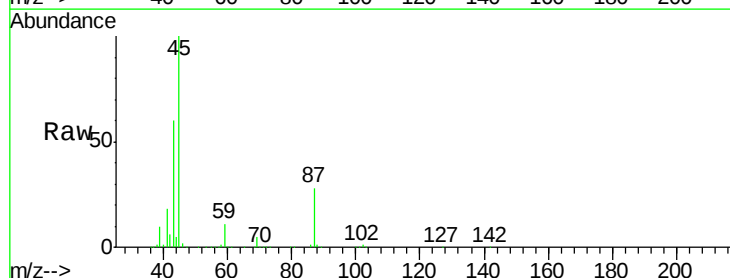
Ion Ratio Lower Upper

45 100

43 59.5 47.0 70.4

87 27.6 22.5 33.7

59 11.2 8.8 13.2

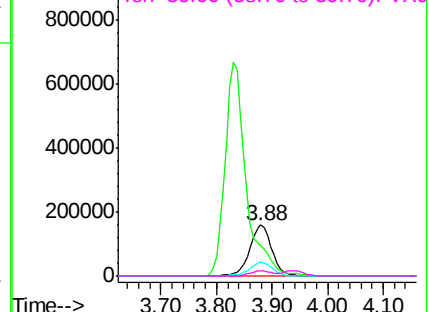
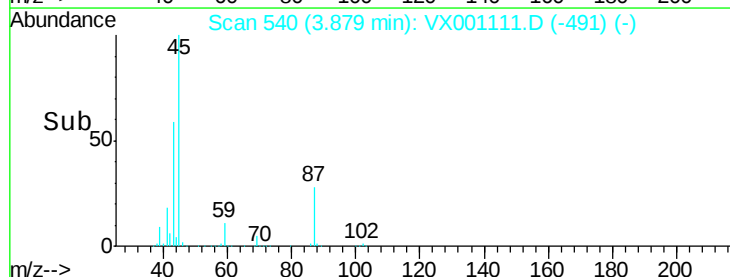


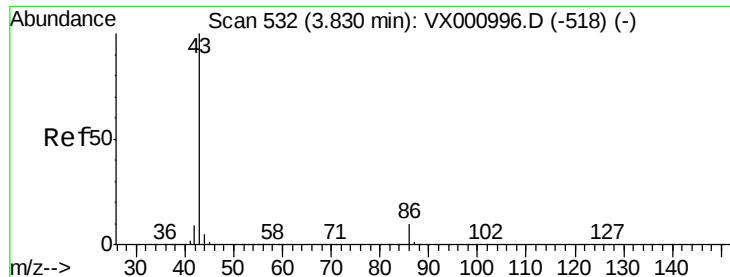
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 251.41 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001111.D

Acq: 25 Apr 2018 06:49

Instrument :

MSVOA_X

ClientSampleId :

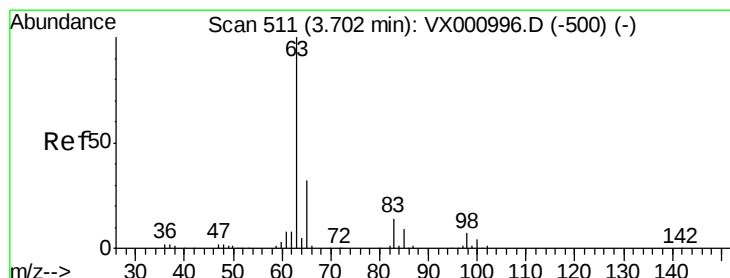
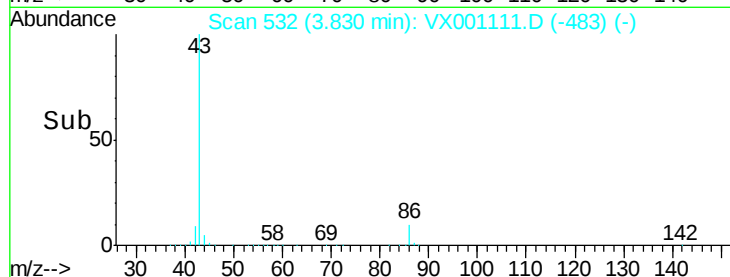
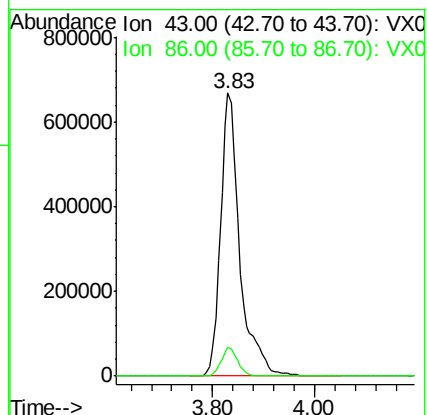
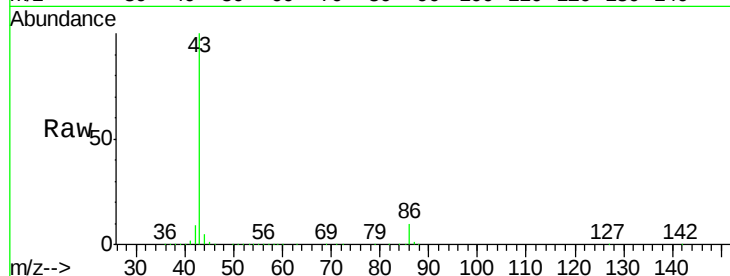
VSTDCCC050EC

Tgt Ion: 43 Resp: 1752051

Ion Ratio Lower Upper

43 100

86 10.0 8.1 12.1



#24

1,1-Dichloroethane

Concen: 49.31 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX001111.D

Acq: 25 Apr 2018 06:49

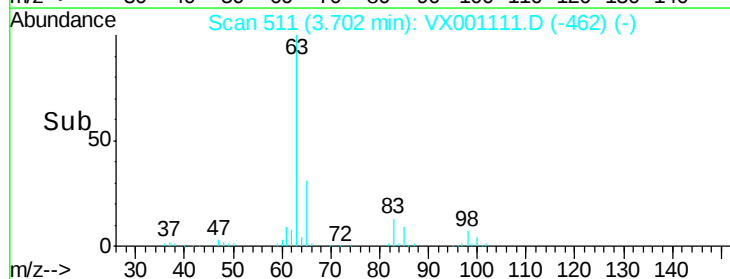
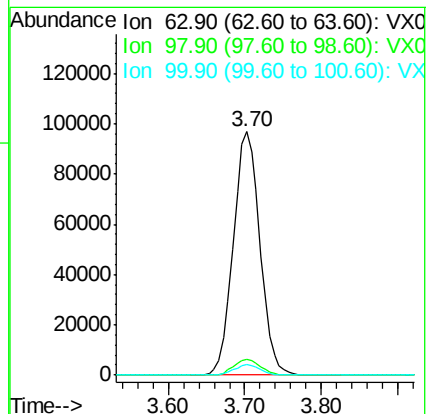
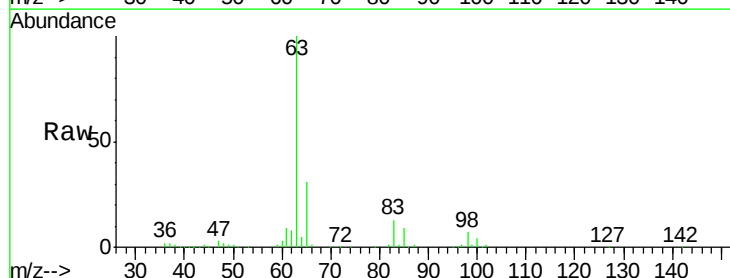
Tgt Ion: 63 Resp: 232822

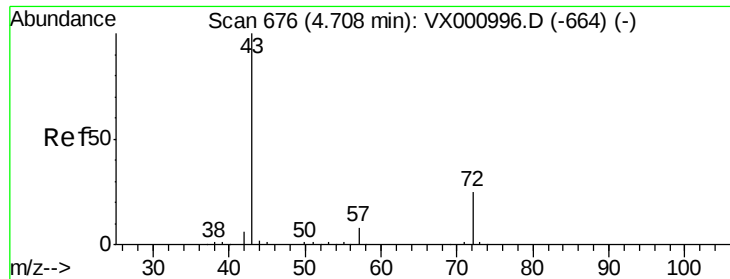
Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.1

100 4.2 2.1 6.3





#25

2-Butanone

Concen: 268.04 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX001111.D

Acq: 25 Apr 2018 06:49

Instrument :

MSVOA_X

ClientSampleId :

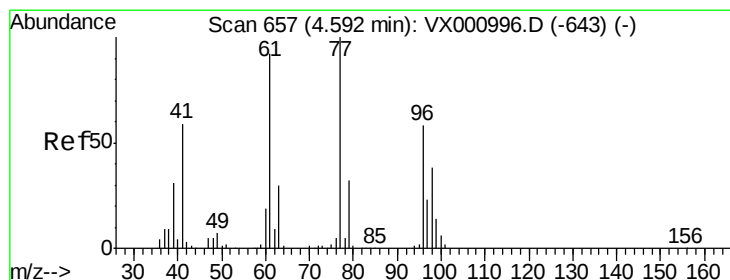
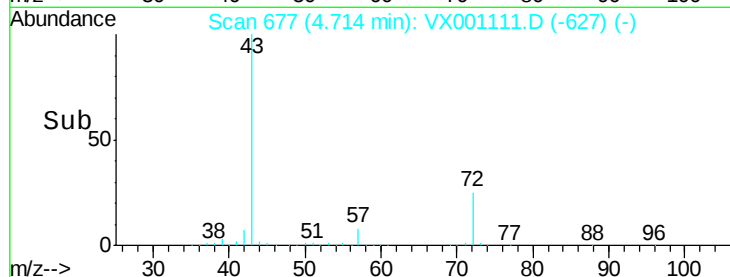
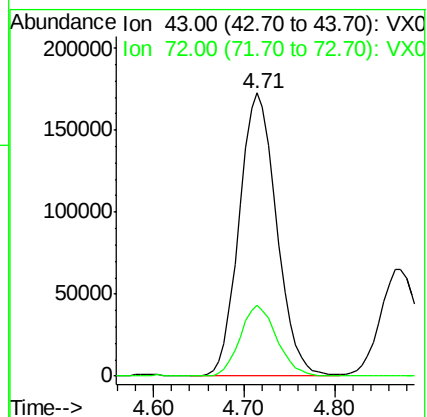
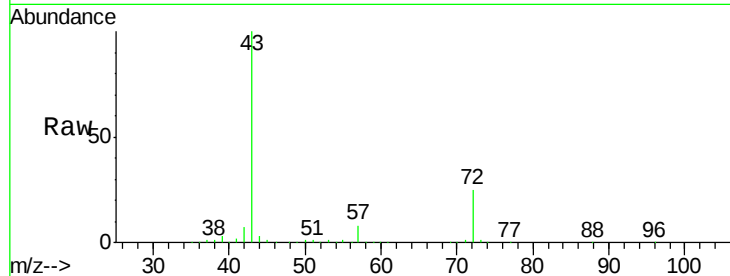
VSTDCCC050EC

Tgt Ion: 43 Resp: 492556

Ion Ratio Lower Upper

43 100

72 25.0 19.9 29.9



#26

2,2-Dichloropropane

Concen: 34.98 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX001111.D

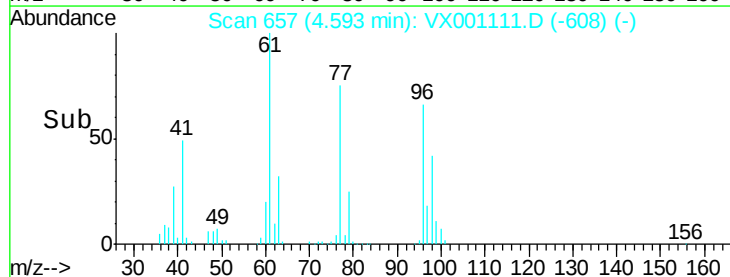
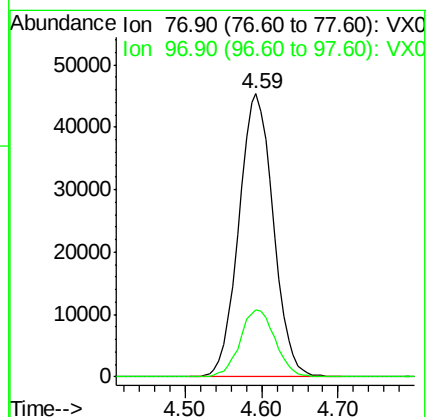
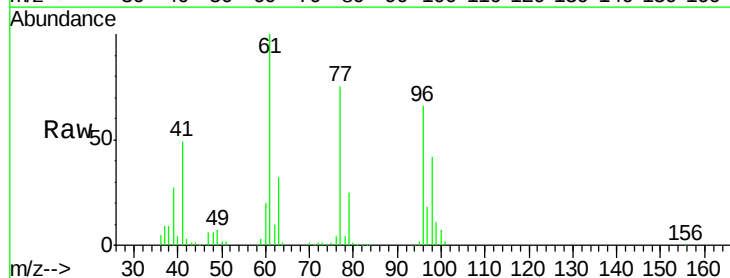
Acq: 25 Apr 2018 06:49

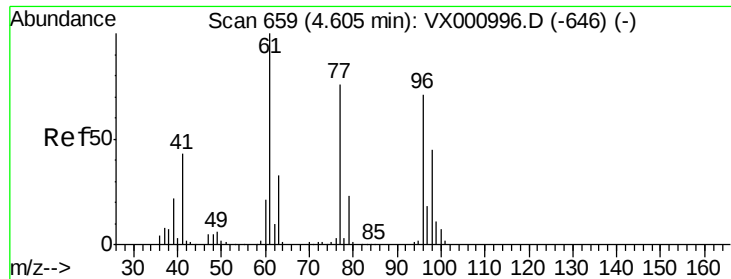
Tgt Ion: 77 Resp: 142066

Ion Ratio Lower Upper

77 100

97 24.1 11.5 34.4



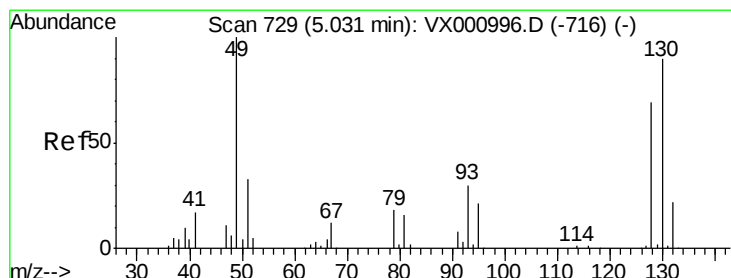
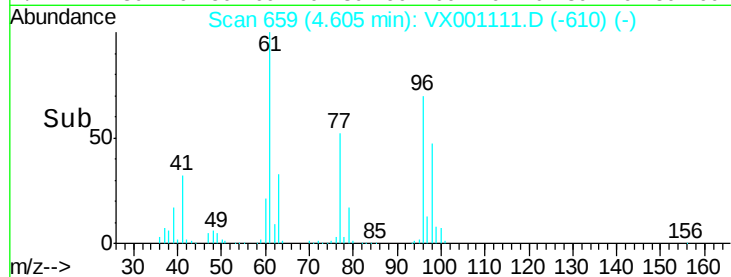
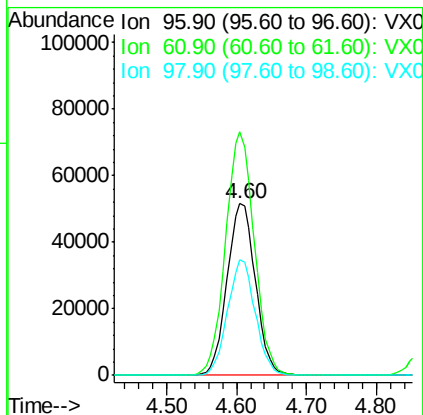
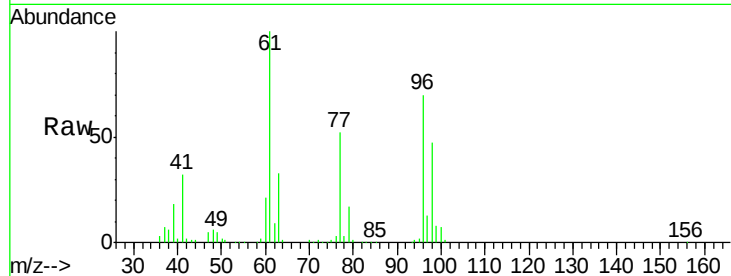


#27

cis-1,2-Dichloroethene
 Concen: 48.75 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: VX001111.D
 Acq: 25 Apr 2018 06:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

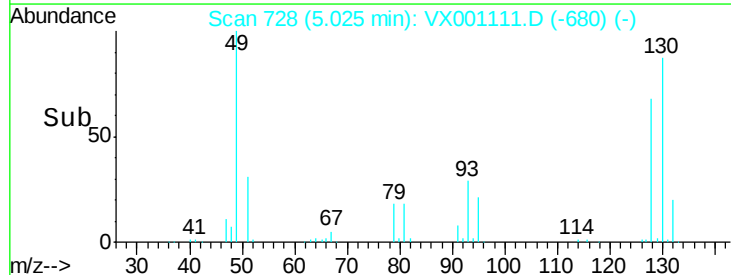
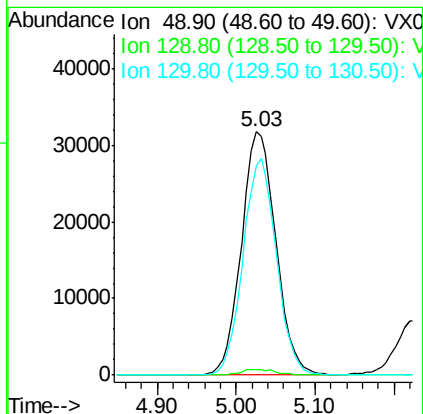
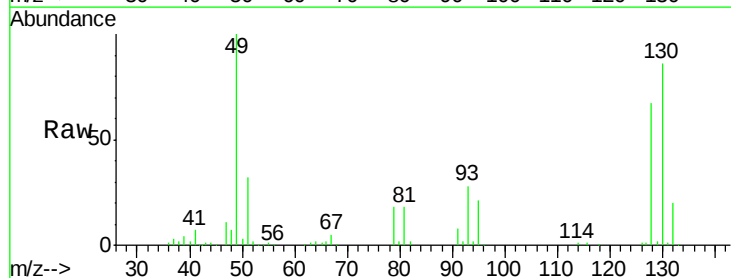
Tgt Ion	Resp	Lower	Upper
96	145257		
61	143.6	0.0	297.0
98	65.8	0.0	130.0

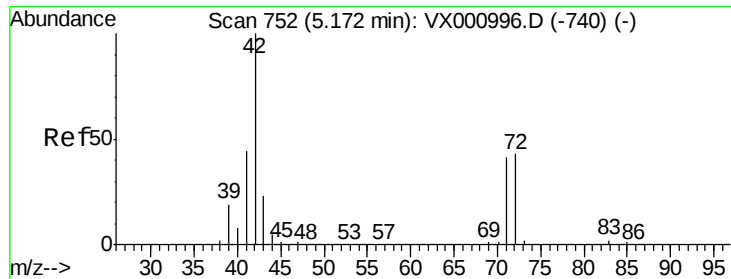


#28

Bromochloromethane
 Concen: 53.26 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. -0.01 min
 Lab File: VX001111.D
 Acq: 25 Apr 2018 06:49

Tgt Ion	Resp	Lower	Upper
49	96713		
129	2.3	0.0	4.8
130	86.2	70.6	105.8

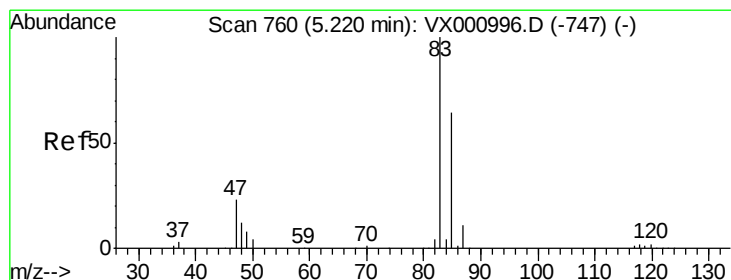
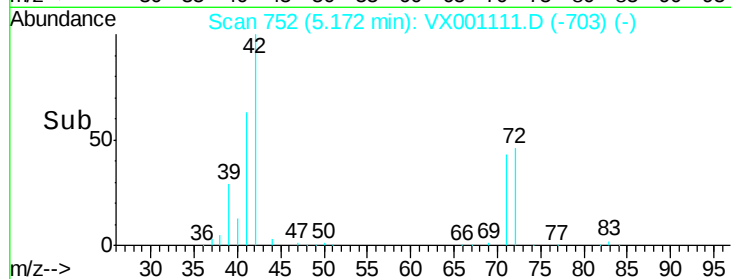
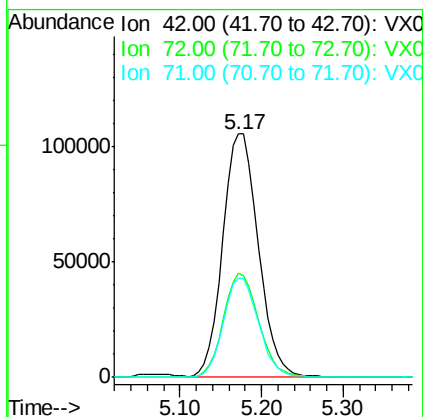
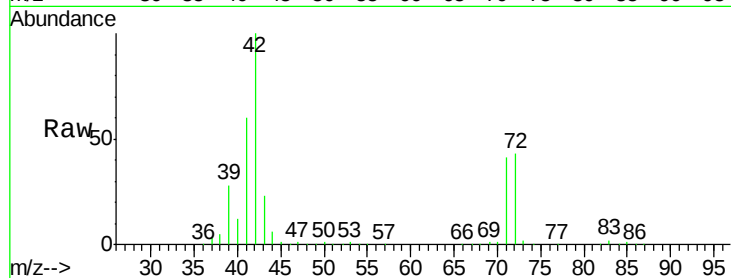




#29
Tetrahydrofuran
Concen: 273.39 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.00 min
Lab File: VX001111.D
Acq: 25 Apr 2018 06:49

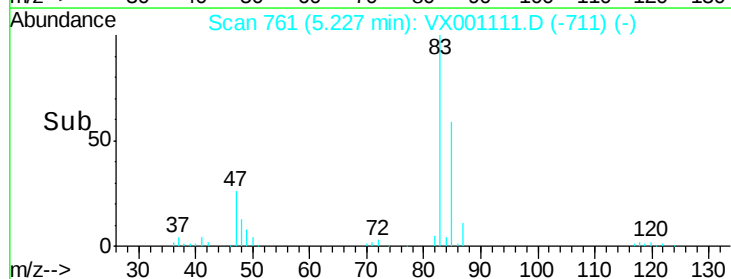
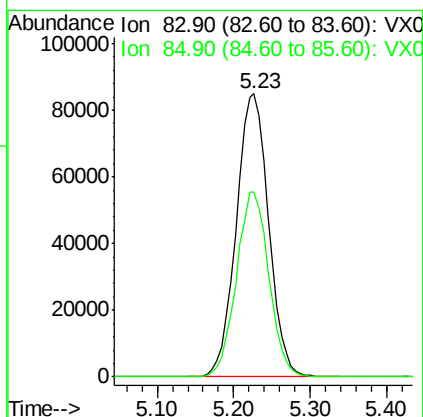
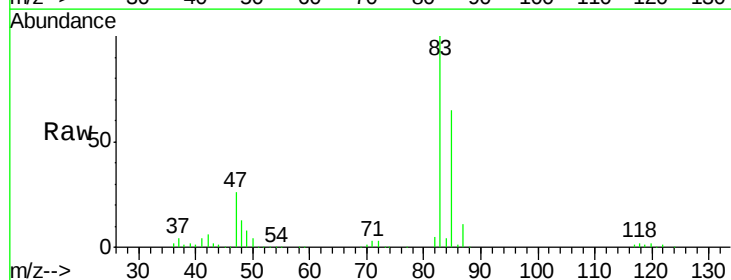
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

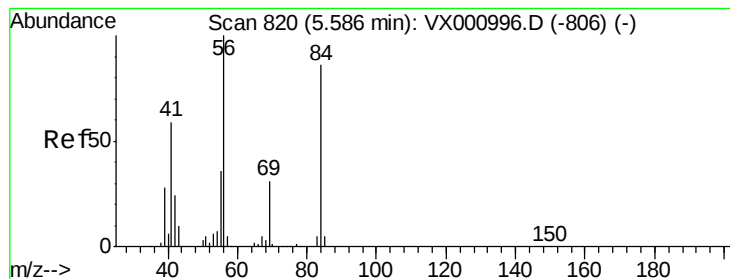
Tgt Ion: 42 Resp: 317462
Ion Ratio Lower Upper
42 100
72 42.9 34.6 52.0
71 40.6 32.6 49.0



#30
Chloroform
Concen: 50.95 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX001111.D
Acq: 25 Apr 2018 06:49

Tgt Ion: 83 Resp: 249162
Ion Ratio Lower Upper
83 100
85 65.3 51.3 76.9





#31

Cyclohexane

Concen: 46.69 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

Lab File: VX001111.D

Acq: 25 Apr 2018 06:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

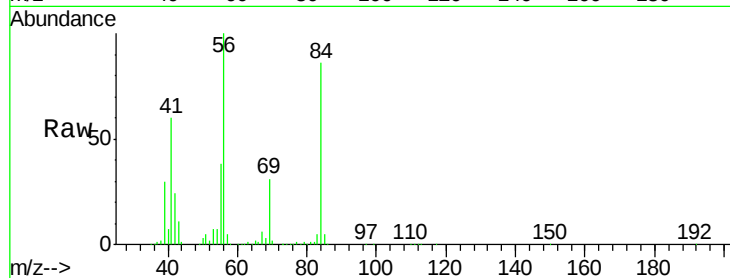
Tgt Ion: 56 Resp: 205763

Ion Ratio Lower Upper

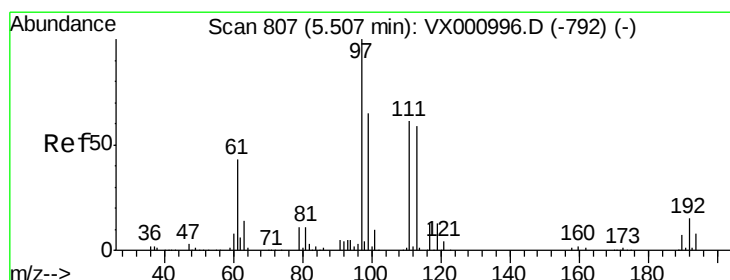
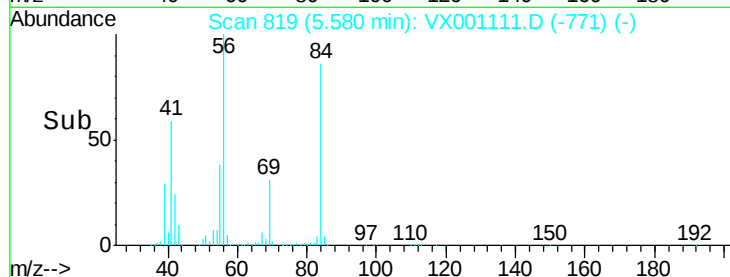
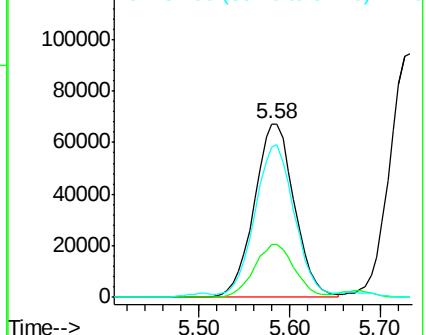
56 100

69 30.8 24.6 36.8

84 84.8 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: 51.56 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX001111.D

Acq: 25 Apr 2018 06:49

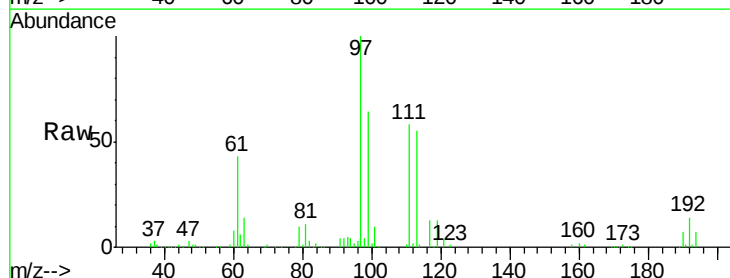
Tgt Ion: 97 Resp: 226065

Ion Ratio Lower Upper

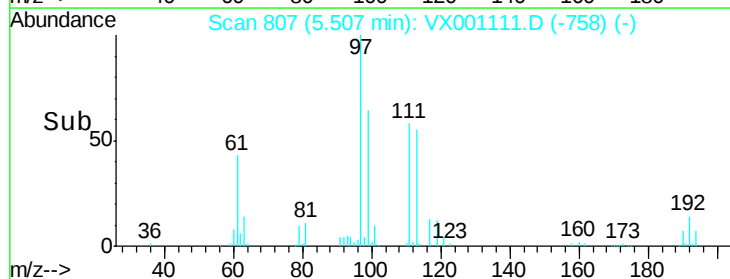
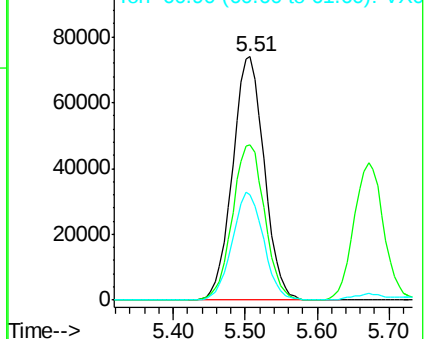
97 100

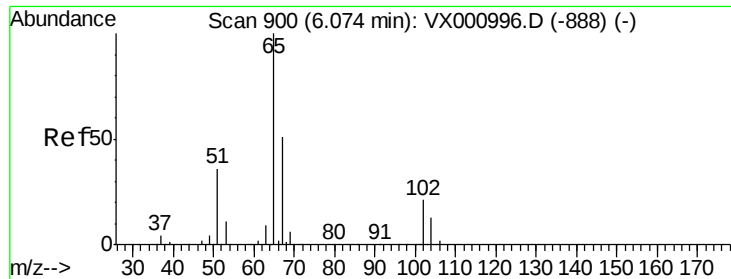
99 64.8 51.1 76.7

61 43.8 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: 47.06 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001111.D

Acq: 25 Apr 2018 06:49

Instrument :

MSVOA_X

ClientSampleId :

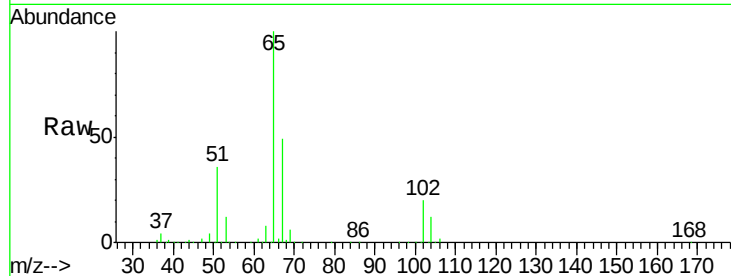
VSTDCCC050EC

Tgt Ion: 65 Resp: 147129

Ion Ratio Lower Upper

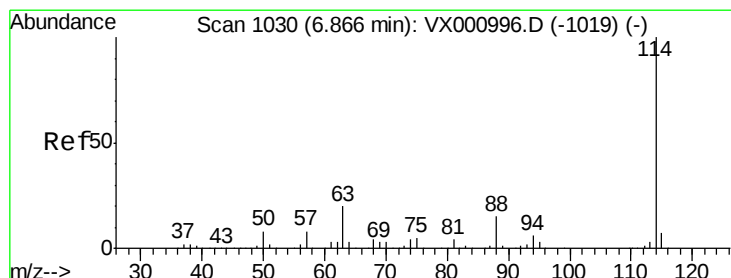
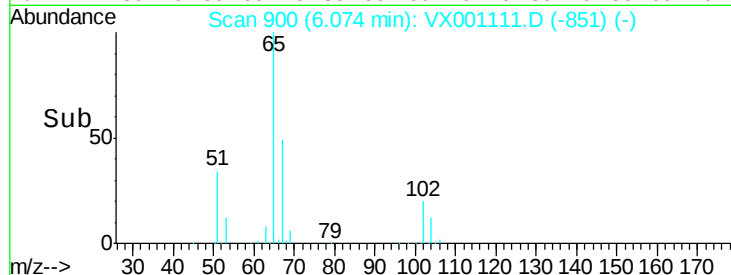
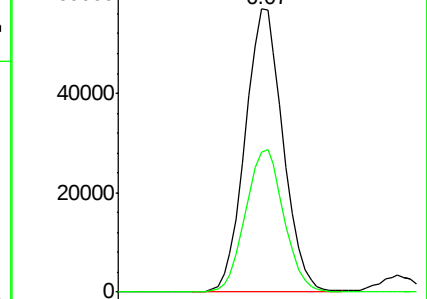
65 100

67 51.0 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: VX001111.D

Acq: 25 Apr 2018 06:49

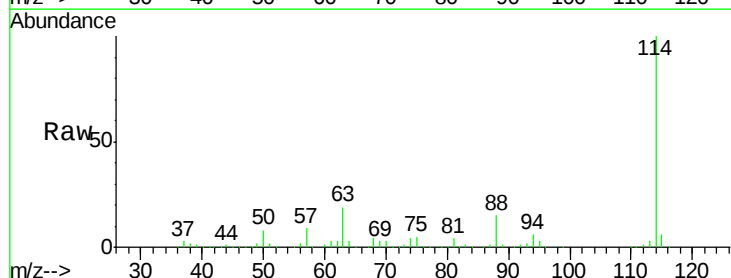
Tgt Ion: 114 Resp: 339434

Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.4

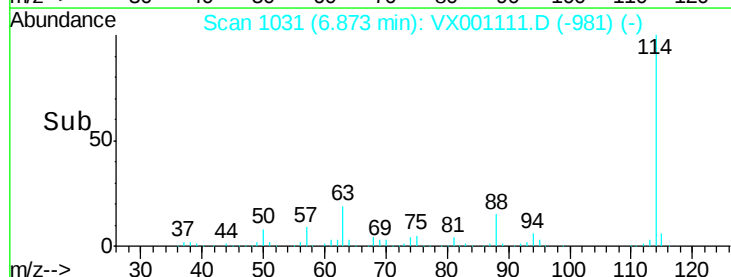
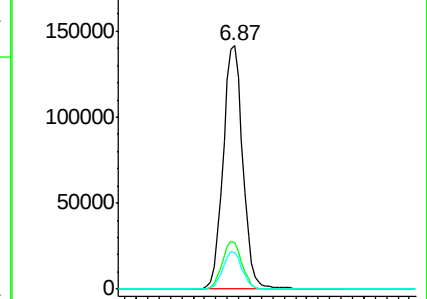
88 14.8 0.0 29.8

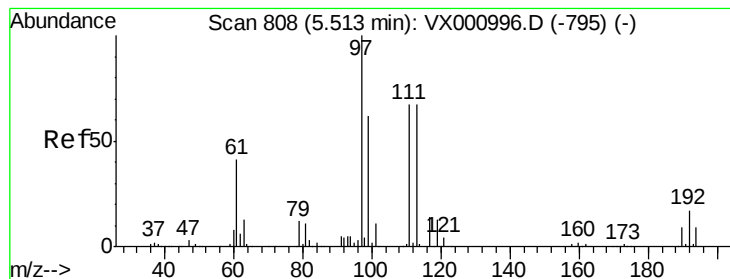


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.37 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX001111.D

Acq: 25 Apr 2018 06:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

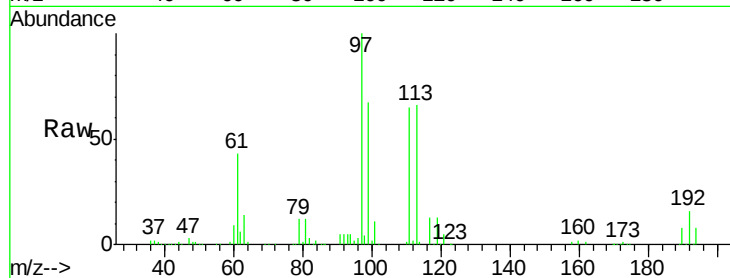
Tgt Ion:113 Resp: 122617

Ion Ratio Lower Upper

113 100

111 101.3 81.4 122.2

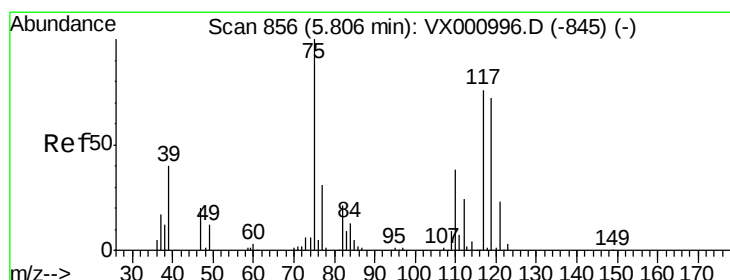
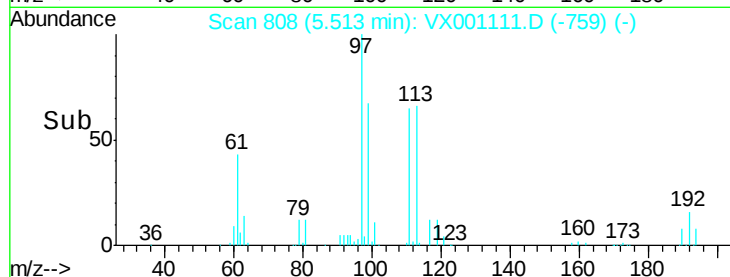
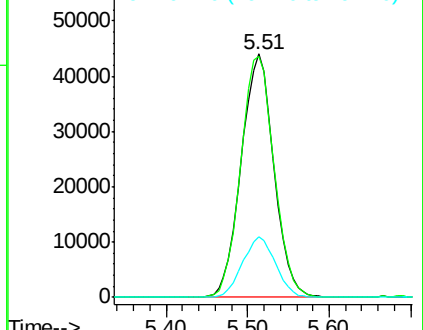
192 25.1 20.4 30.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 45.78 ug/l

RT: 5.81 min Scan# 856

Delta R.T. 0.00 min

Lab File: VX001111.D

Acq: 25 Apr 2018 06:49

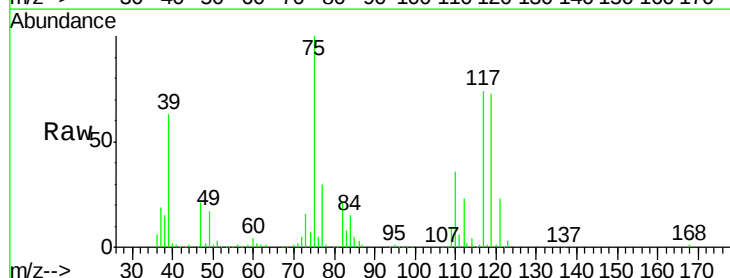
Tgt Ion: 75 Resp: 182604

Ion Ratio Lower Upper

75 100

110 37.0 18.7 56.1

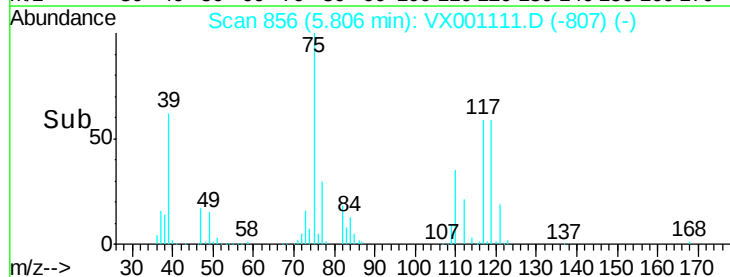
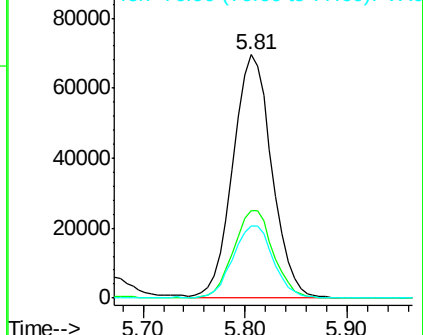
77 31.3 25.0 37.4

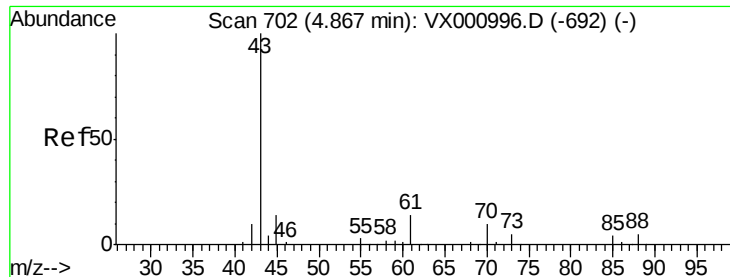


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

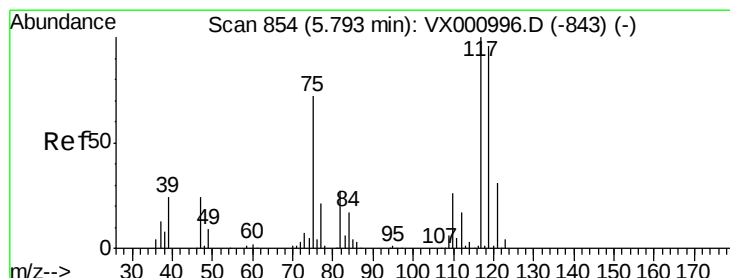
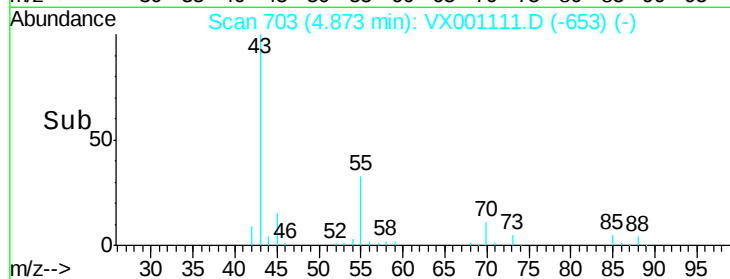
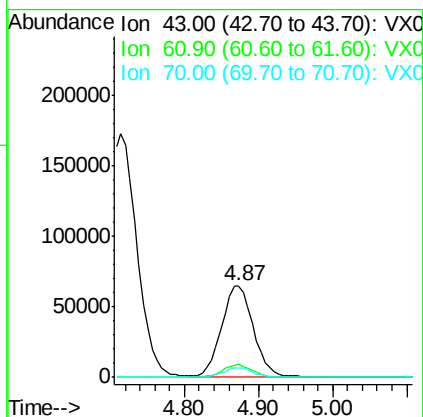
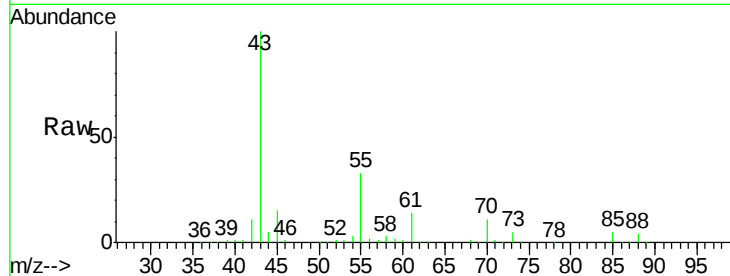




#37
 Ethyl Acetate
 Concen: 52.71 ug/l
 RT: 4.87 min Scan# 703
 Delta R.T. 0.01 min
 Lab File: VX001111.D
 Acq: 25 Apr 2018 06:49

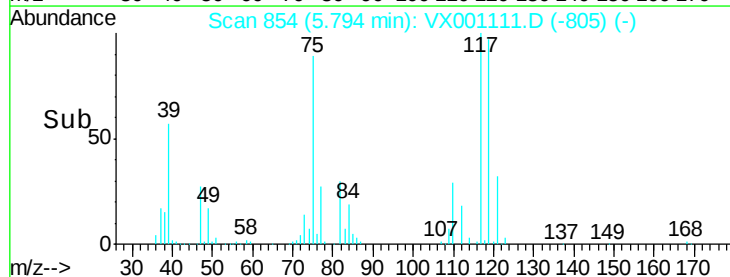
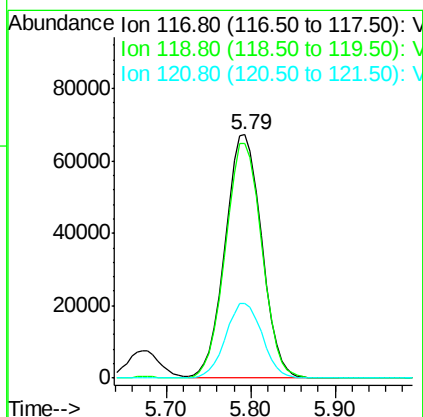
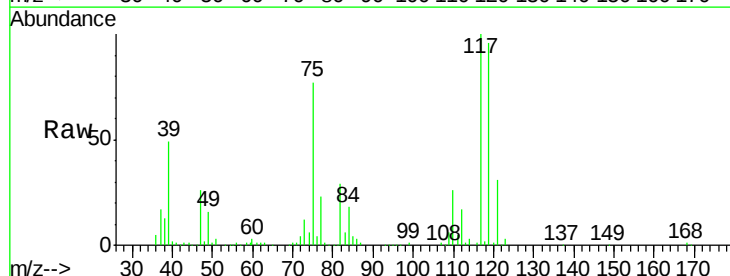
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

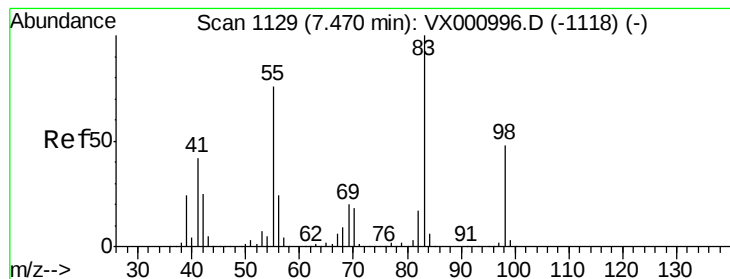
Tgt Ion: 43 Resp: 192849
 Ion Ratio Lower Upper
 43 100
 61 13.3 10.7 16.1
 70 10.1 8.3 12.5



#38
 Carbon Tetrachloride
 Concen: 48.94 ug/l
 RT: 5.79 min Scan# 854
 Delta R.T. 0.00 min
 Lab File: VX001111.D
 Acq: 25 Apr 2018 06:49

Tgt Ion: 117 Resp: 197675
 Ion Ratio Lower Upper
 117 100
 119 96.4 76.5 114.7
 121 30.9 24.5 36.7





#39

Methylcyclohexane

Concen: 45.30 ug/l

RT: 7.47 min Scan# 1129

Delta R.T. 0.00 min

Lab File: VX001111.D

Acq: 25 Apr 2018 06:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

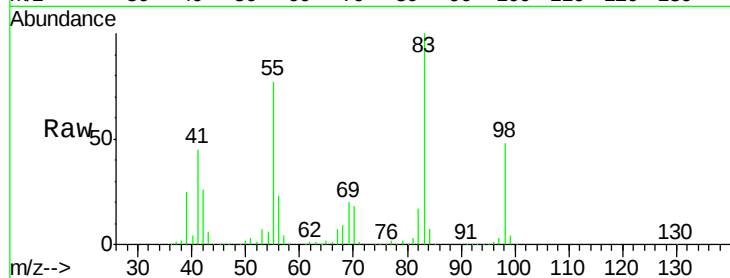
Tgt Ion: 83 Resp: 210329

Ion Ratio Lower Upper

83 100

55 77.3 60.6 91.0

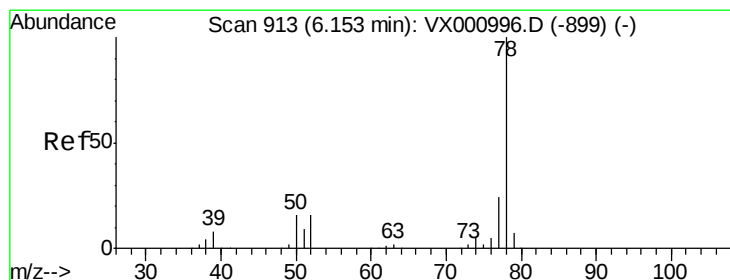
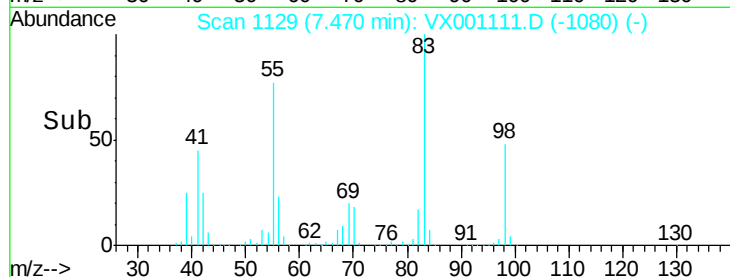
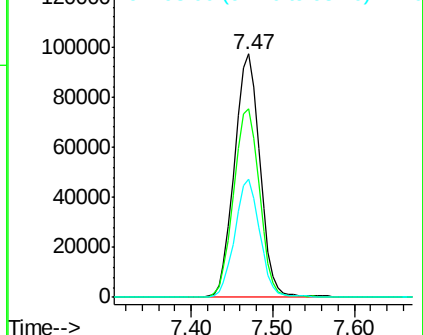
98 48.3 38.2 57.4



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: 48.36 ug/l

RT: 6.15 min Scan# 913

Delta R.T. 0.00 min

Lab File: VX001111.D

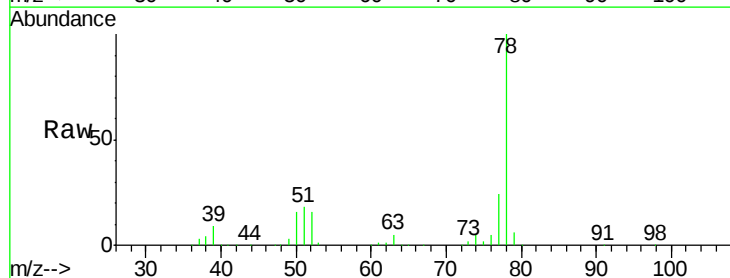
Acq: 25 Apr 2018 06:49

Tgt Ion: 78 Resp: 536300

Ion Ratio Lower Upper

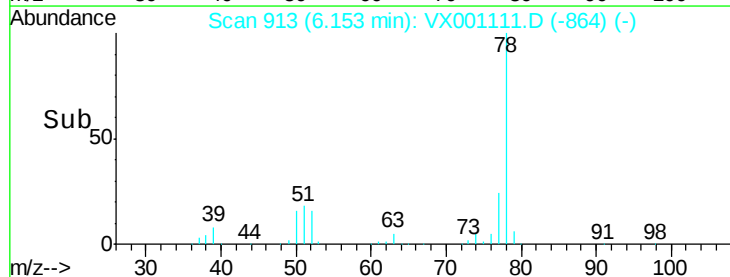
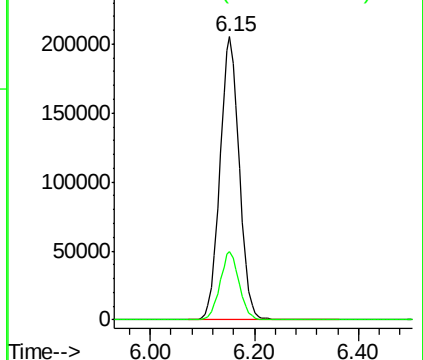
78 100

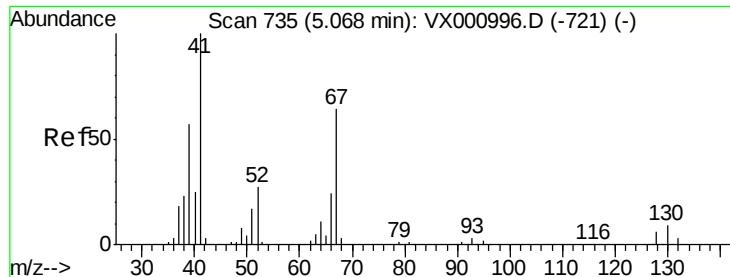
77 24.1 18.9 28.3



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

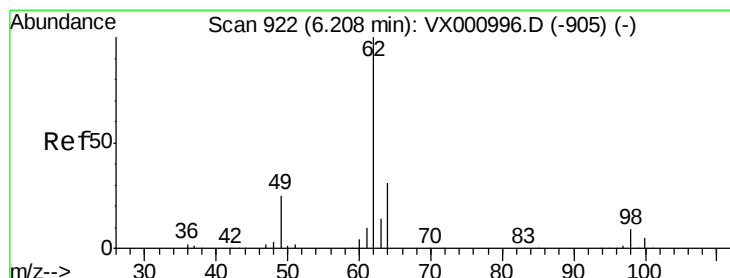
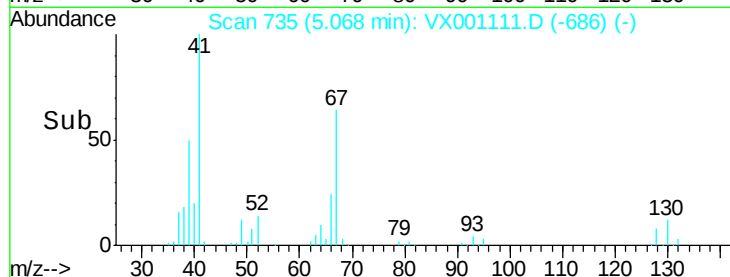
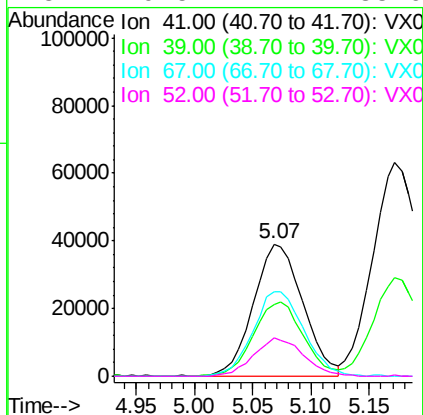
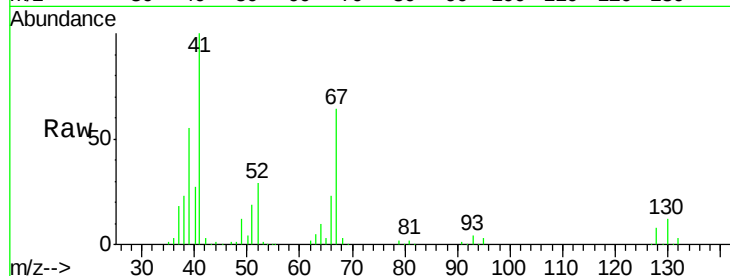




#41
Methacrylonitrile
Concen: 50.17 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX001111.D
Acq: 25 Apr 2018 06:49

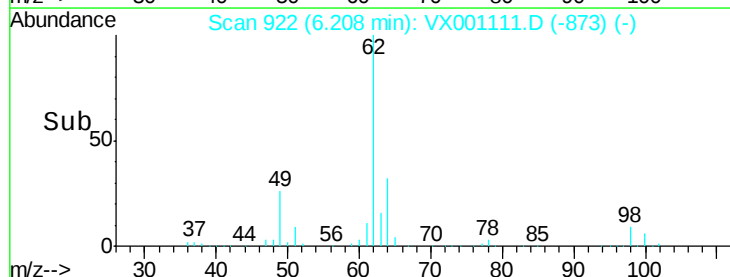
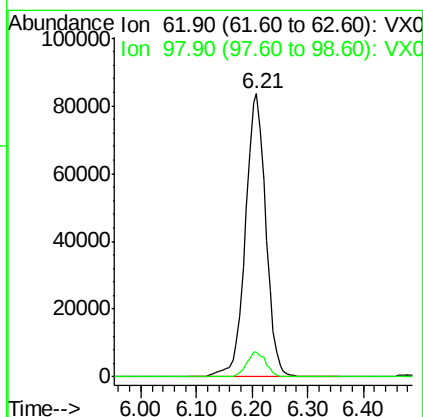
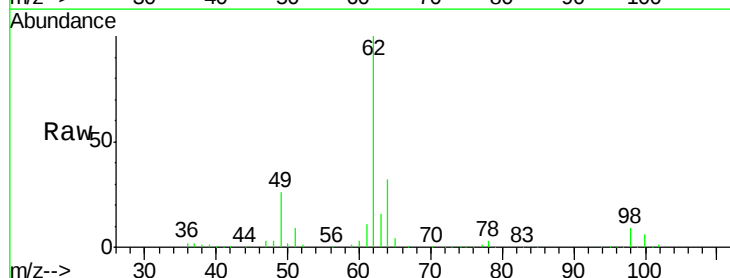
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

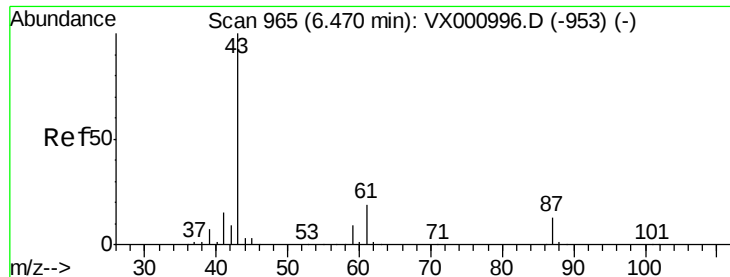
Tgt Ion:	41	Resp:	114622
Ion	Ratio	Lower	Upper
41	100		
39	56.6	45.2	67.8
67	66.4	53.8	80.8
52	29.5	22.4	33.6



#42
1,2-Dichloroethane
Concen: 49.85 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX001111.D
Acq: 25 Apr 2018 06:49

Tgt Ion:	62	Resp:	212194
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.6





#43

Isopropyl Acetate

Concen: 51.96 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX001111.D

Acq: 25 Apr 2018 06:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

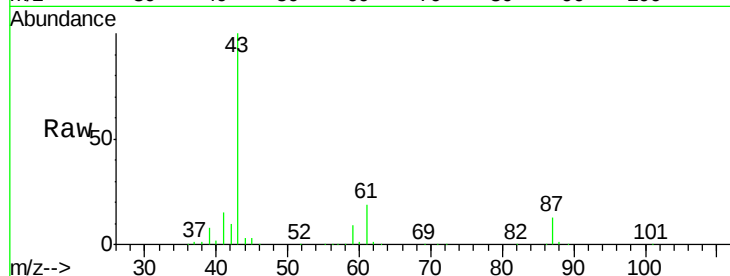
Tgt Ion: 43 Resp: 326151

Ion Ratio Lower Upper

43 100

61 18.7 15.4 23.2

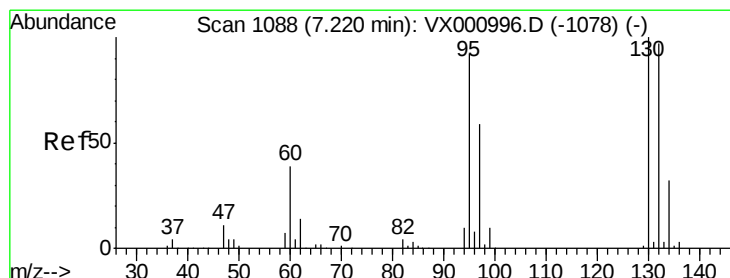
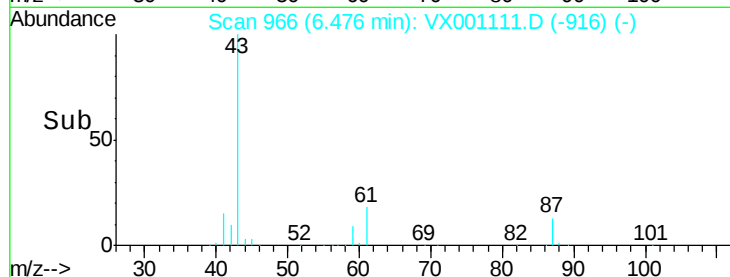
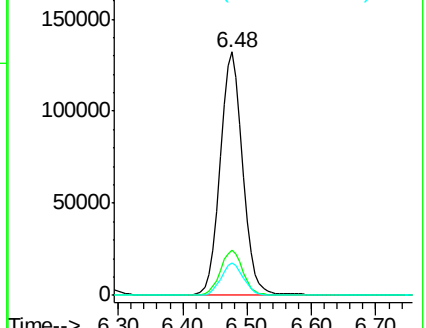
87 13.3 10.6 15.8



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: 46.64 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001111.D

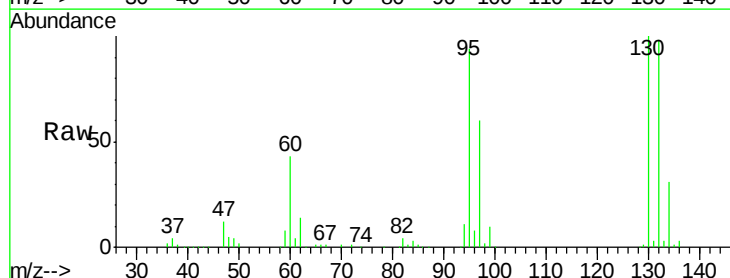
Acq: 25 Apr 2018 06:49

Tgt Ion: 130 Resp: 158034

Ion Ratio Lower Upper

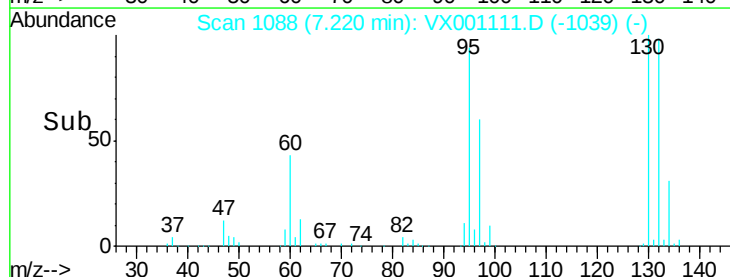
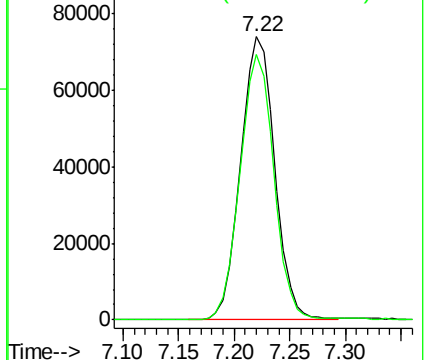
130 100

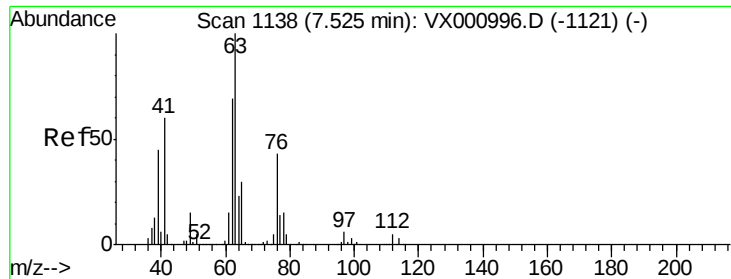
95 93.8 0.0 184.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 50.08 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX001111.D

Acq: 25 Apr 2018 06:49

Instrument :

MSVOA_X

ClientSampleId :

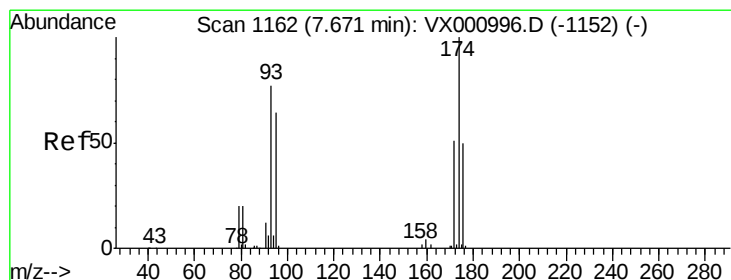
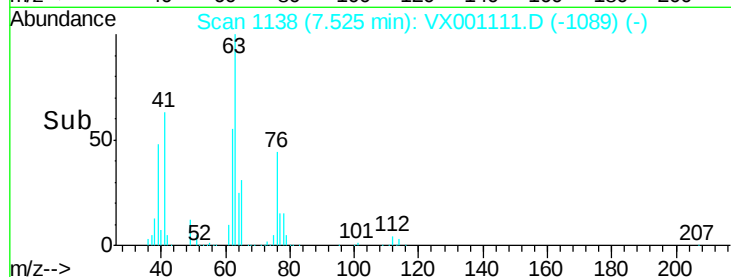
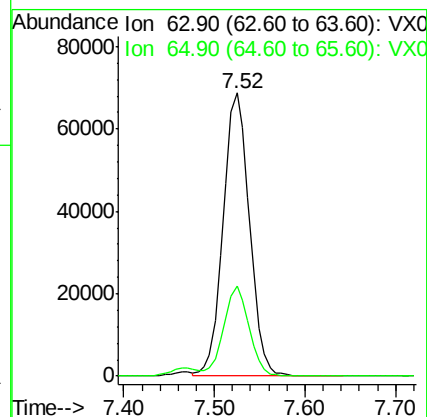
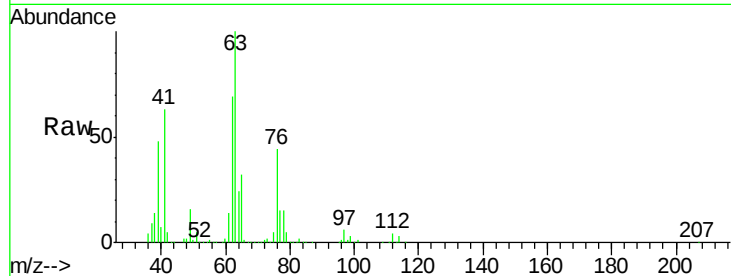
VSTDCCC050EC

Tgt Ion: 63 Resp: 139635

Ion Ratio Lower Upper

63 100

65 31.6 24.4 36.6



#46

Dibromomethane

Concen: 49.46 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.00 min

Lab File: VX001111.D

Acq: 25 Apr 2018 06:49

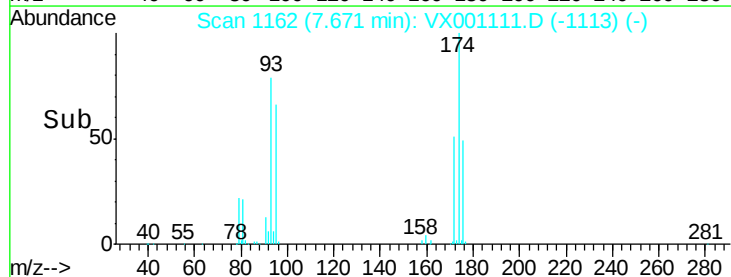
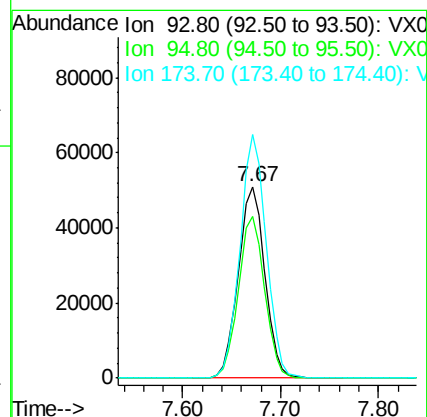
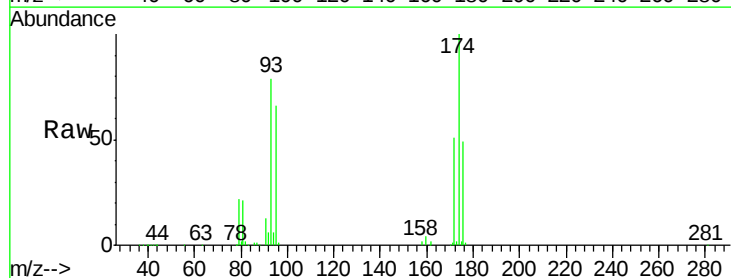
Tgt Ion: 93 Resp: 96365

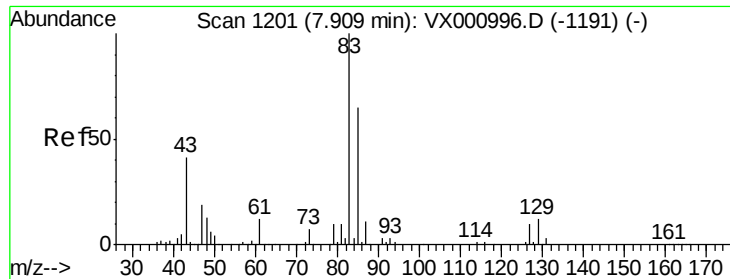
Ion Ratio Lower Upper

93 100

95 83.6 66.7 100.1

174 125.1 101.8 152.6





#47

Bromodichloromethane

Concen: 52.06 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX001111.D

Acq: 25 Apr 2018 06:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

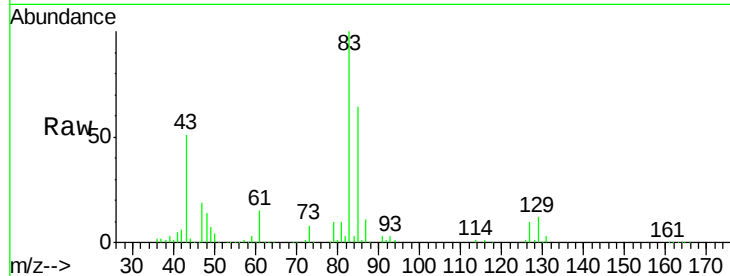
Tgt Ion: 83 Resp: 187912

Ion Ratio Lower Upper

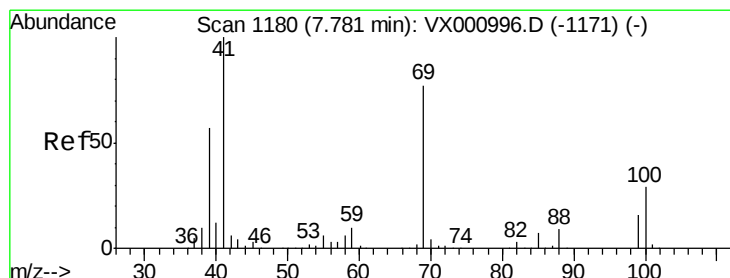
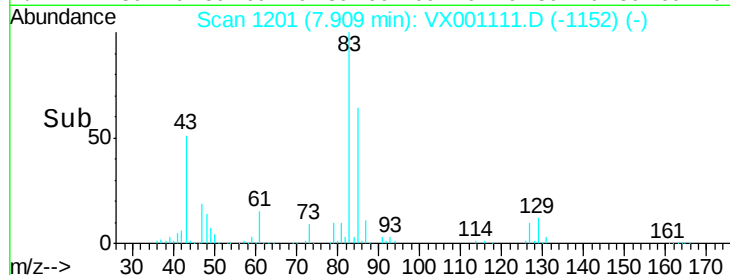
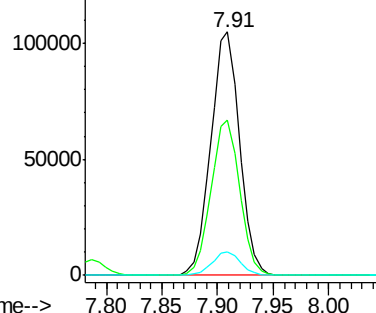
83 100

85 63.8 52.3 78.5

127 9.5 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: 52.12 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.01 min

Lab File: VX001111.D

Acq: 25 Apr 2018 06:49

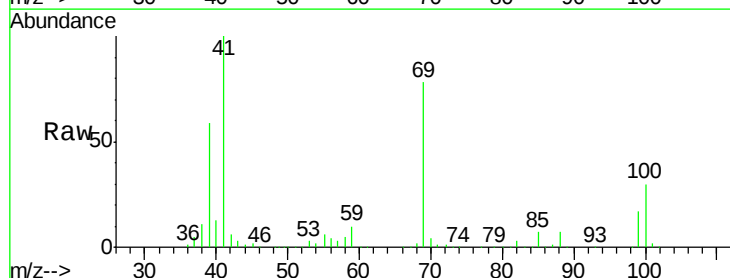
Tgt Ion: 41 Resp: 176178

Ion Ratio Lower Upper

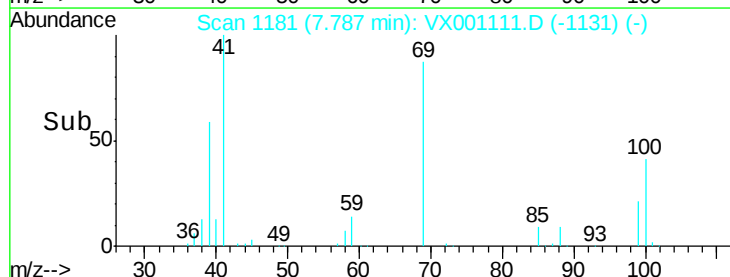
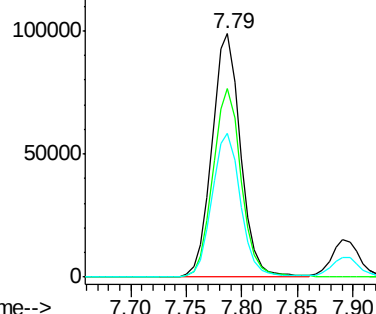
41 100

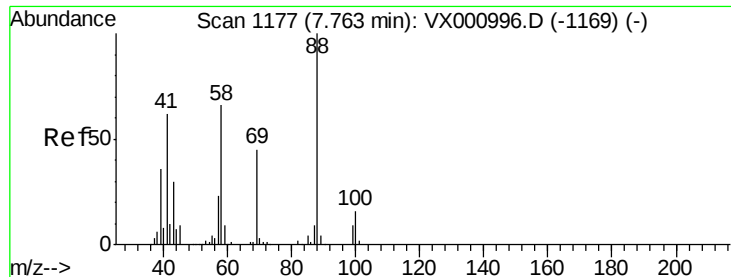
69 77.0 62.6 94.0

39 59.1 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: 1266.60 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. 0.00 min

Lab File: VX001111.D

Acq: 25 Apr 2018 06:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

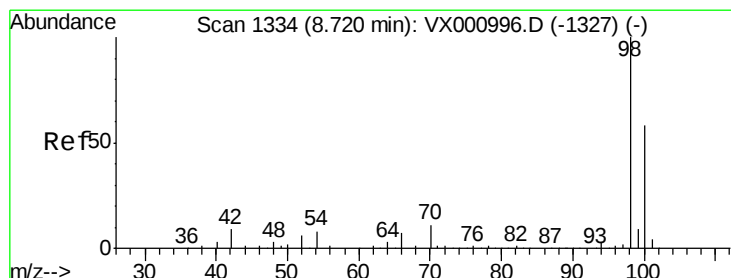
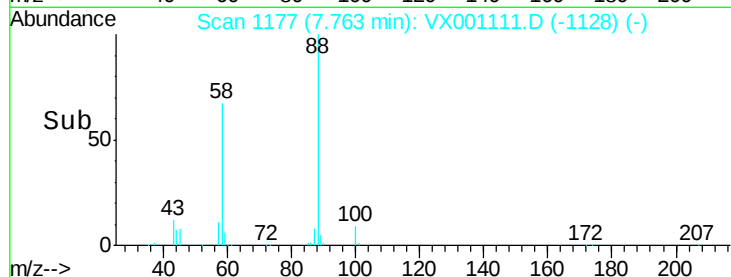
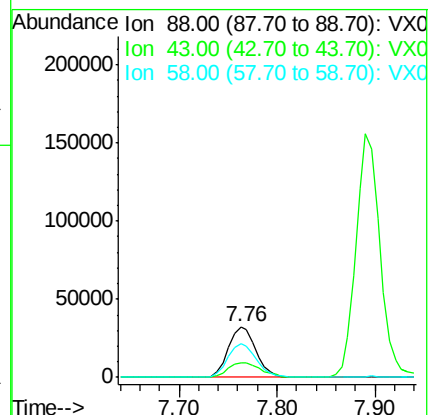
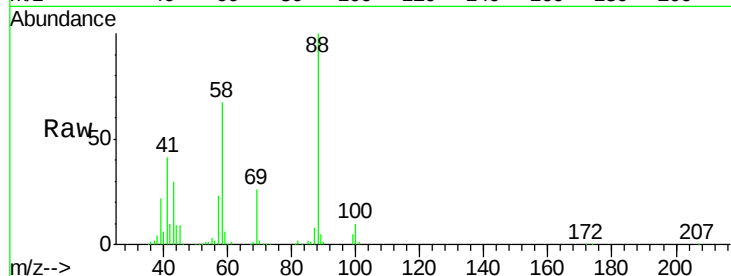
Tgt Ion: 88 Resp: 62956

Ion Ratio Lower Upper

88 100

43 35.2 29.2 43.8

58 69.2 55.0 82.6



#50

Toluene-d8

Concen: 44.89 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001111.D

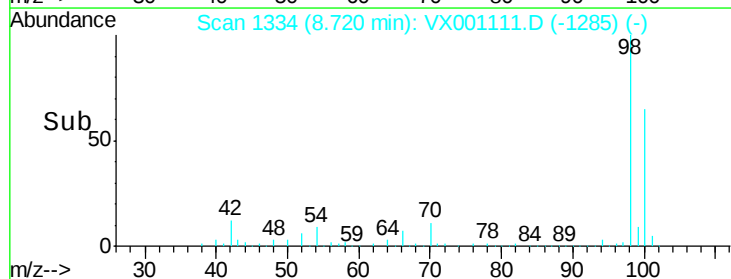
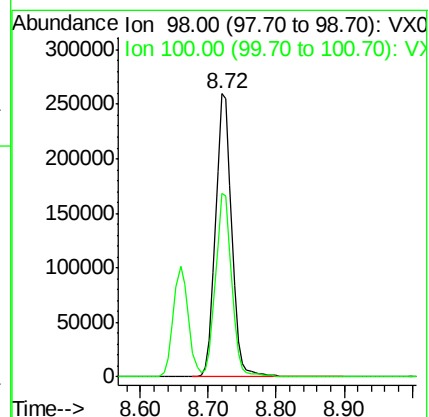
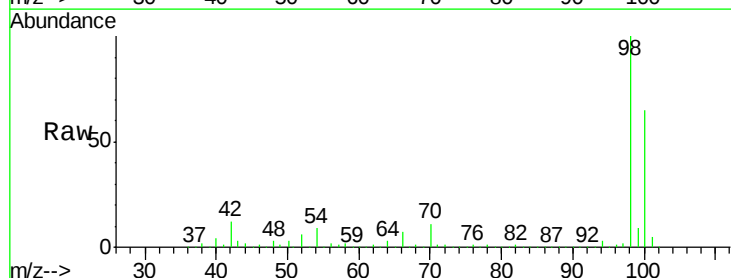
Acq: 25 Apr 2018 06:49

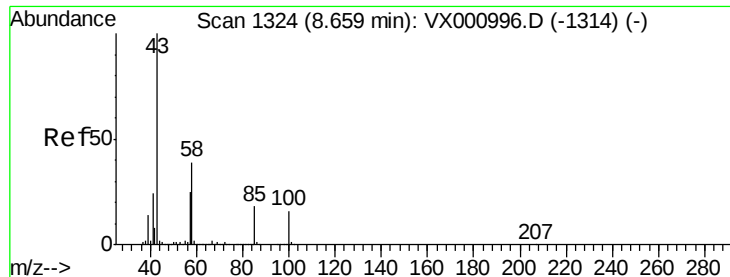
Tgt Ion: 98 Resp: 429656

Ion Ratio Lower Upper

98 100

100 65.0 51.9 77.9

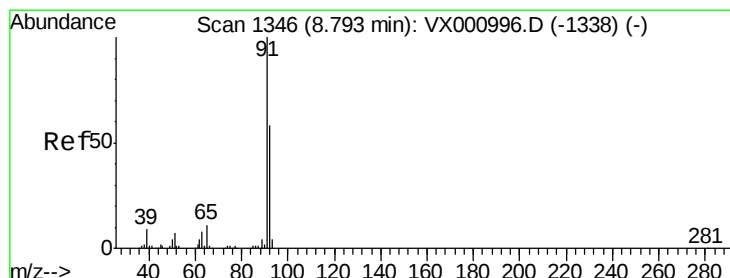
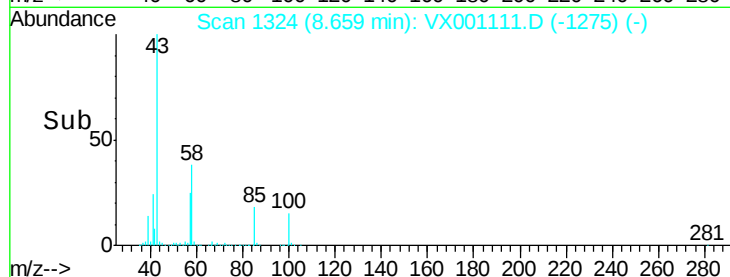
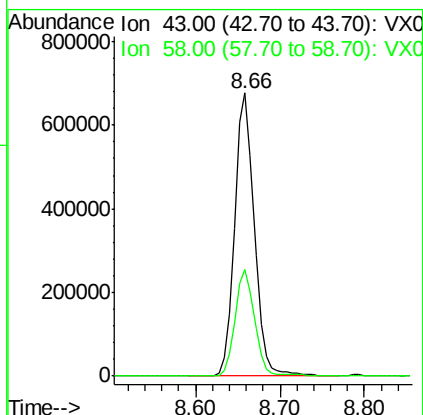
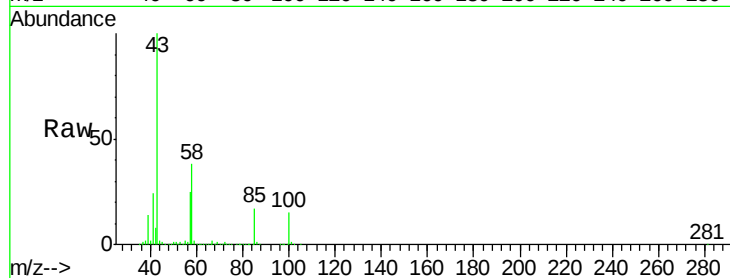




#51
 4-Methyl-2-Pentanone
 Concen: 279.57 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX001111.D
 Acq: 25 Apr 2018 06:49

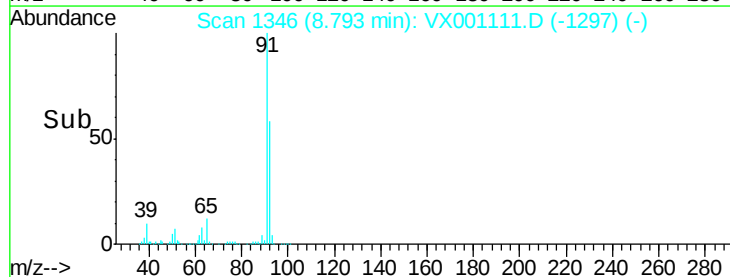
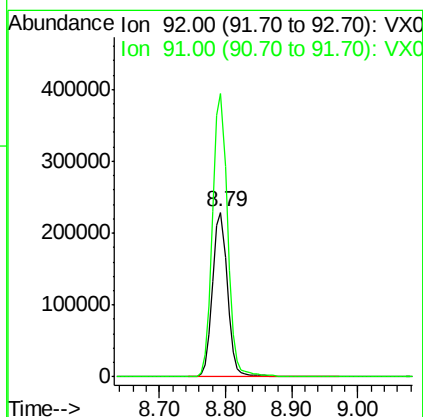
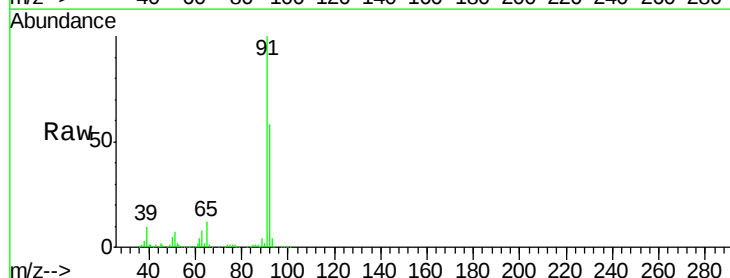
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

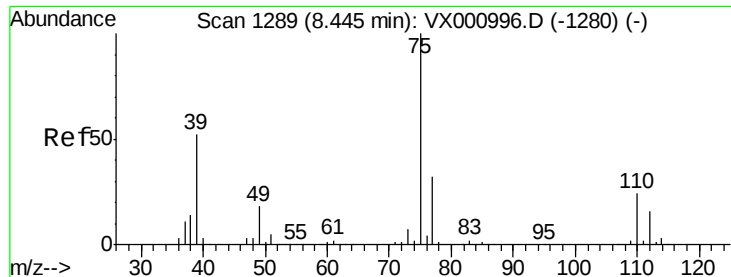
Tgt Ion: 43 Resp: 1065582
 Ion Ratio Lower Upper
 43 100
 58 37.2 30.2 45.4



#52
 Toluene
 Concen: 49.48 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. 0.00 min
 Lab File: VX001111.D
 Acq: 25 Apr 2018 06:49

Tgt Ion: 92 Resp: 358139
 Ion Ratio Lower Upper
 92 100
 91 173.5 138.2 207.4





#53

t-1,3-Dichloropropene

Concen: 48.78 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VX001111.D

Acq: 25 Apr 2018 06:49

Instrument :

MSVOA_X

ClientSampleId :

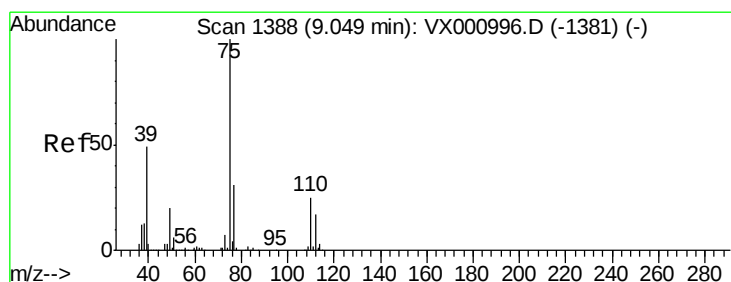
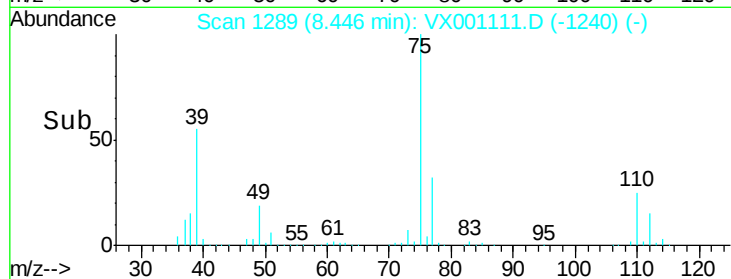
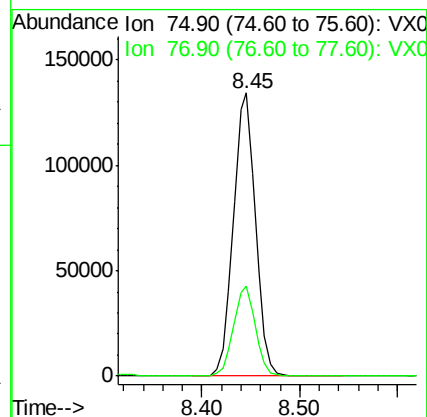
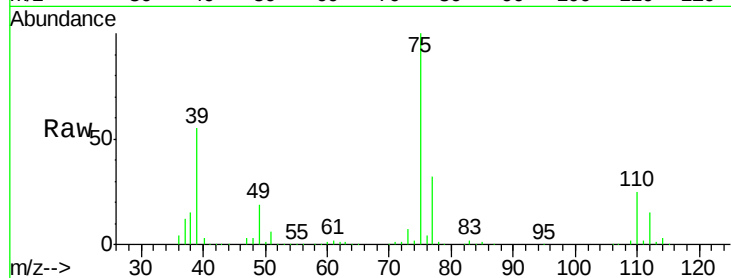
VSTDCCC050EC

Tgt Ion: 75 Resp: 210555

Ion Ratio Lower Upper

75 100

77 31.7 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 49.27 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX001111.D

Acq: 25 Apr 2018 06:49

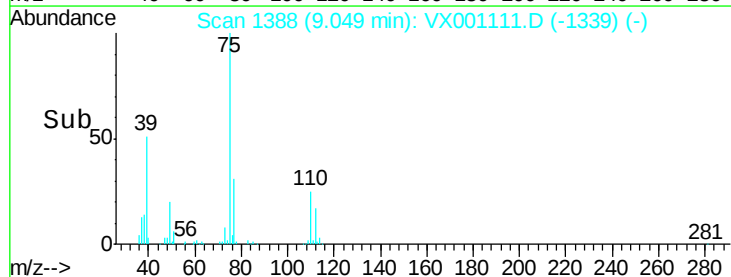
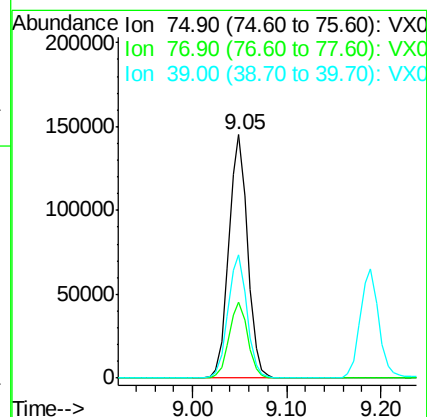
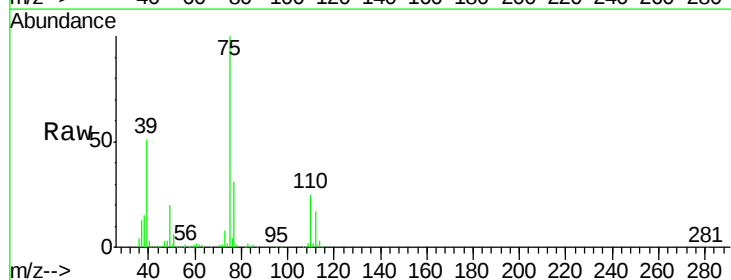
Tgt Ion: 75 Resp: 200558

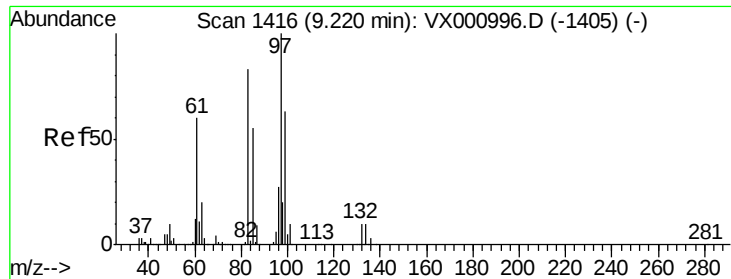
Ion Ratio Lower Upper

75 100

77 31.0 25.0 37.6

39 50.7 39.2 58.8





#55

1,1,2-Trichloroethane

Concen: 50.97 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VX001111.D

Acq: 25 Apr 2018 06:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 146628

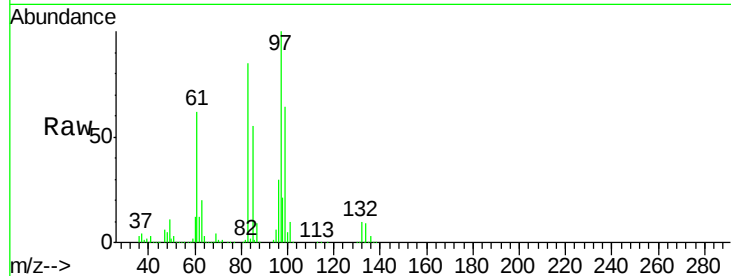
Ion Ratio Lower Upper

97 100

83 84.9 66.2 99.4

85 55.1 44.2 66.4

99 64.3 50.2 75.4

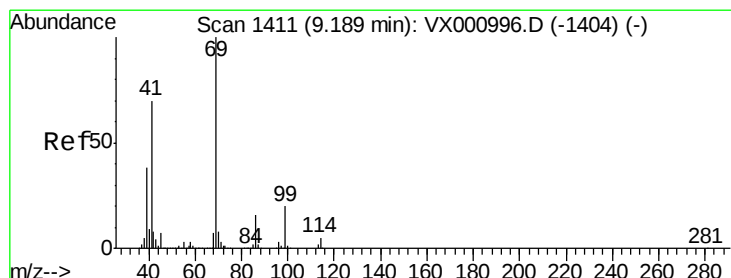
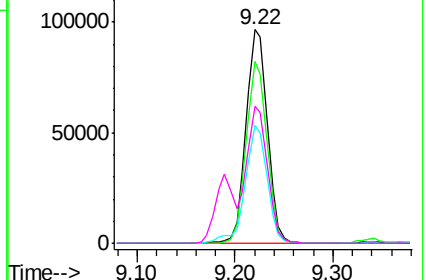
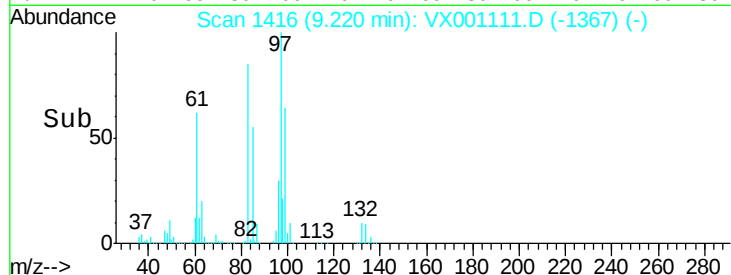


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 52.49 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. 0.00 min

Lab File: VX001111.D

Acq: 25 Apr 2018 06:49

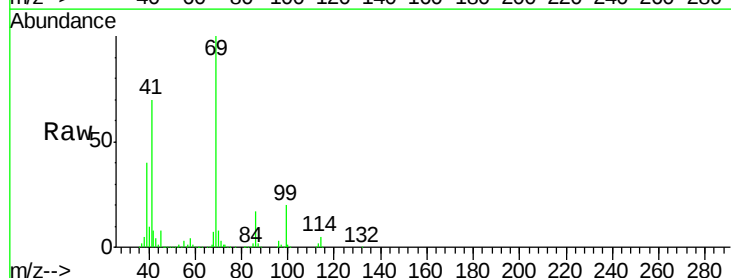
Tgt Ion: 69 Resp: 221786

Ion Ratio Lower Upper

69 100

41 71.2 56.3 84.5

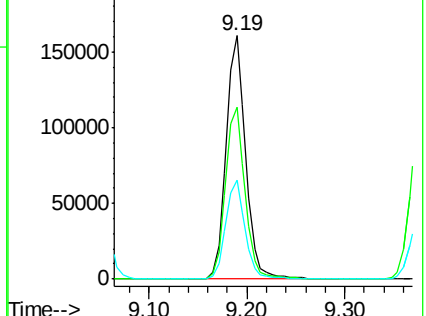
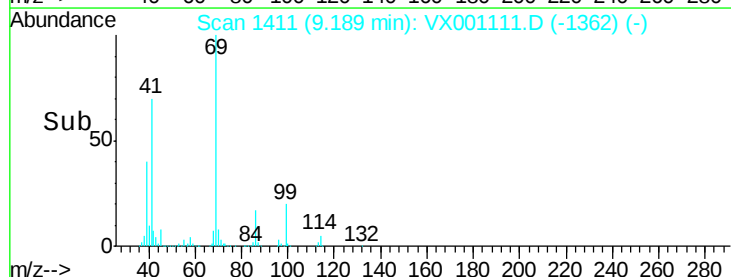
39 40.6 30.4 45.6

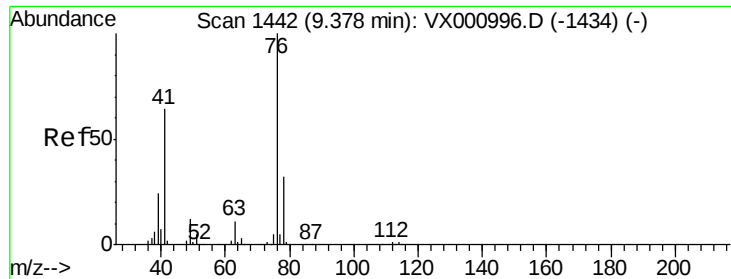


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 49.99 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX001111.D

Acq: 25 Apr 2018 06:49

Instrument :

MSVOA_X

ClientSampleId :

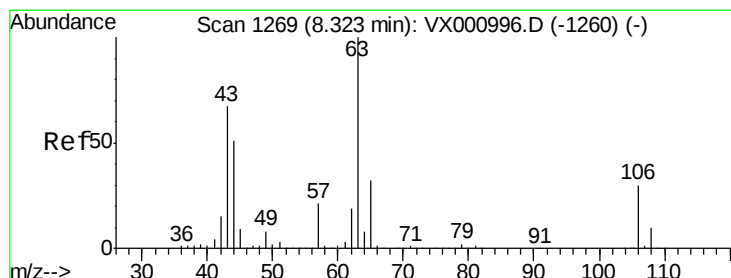
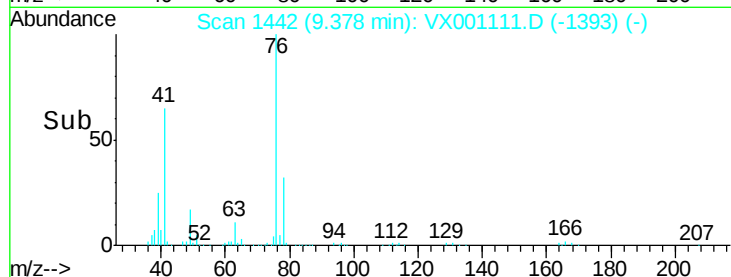
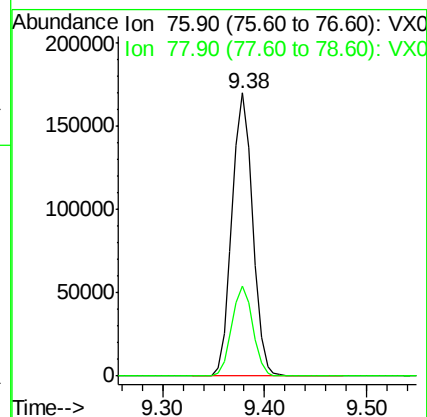
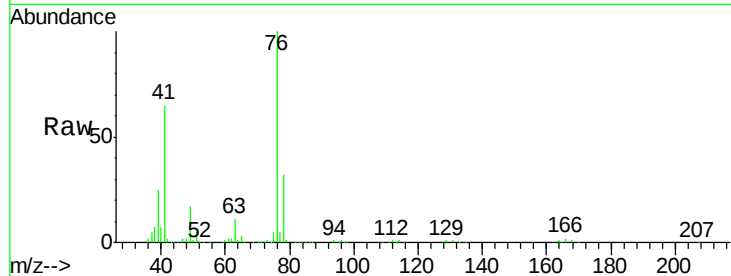
VSTDCCC050EC

Tgt Ion: 76 Resp: 238254

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 261.55 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX001111.D

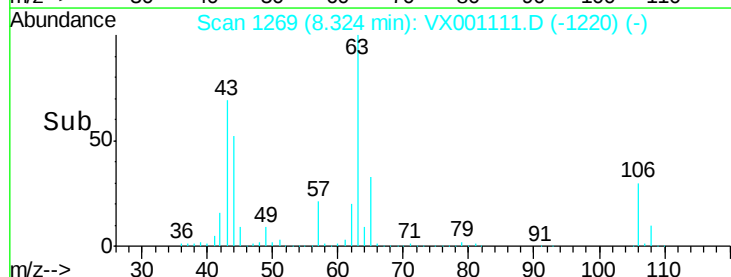
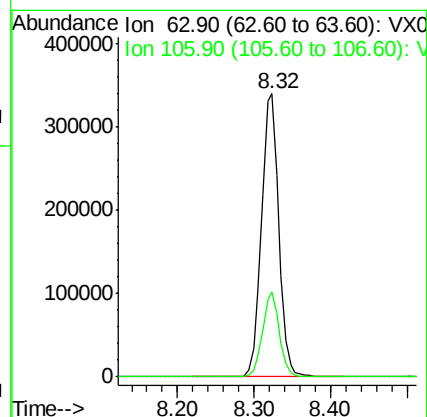
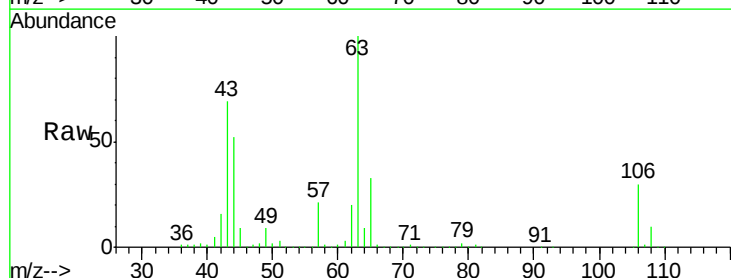
Acq: 25 Apr 2018 06:49

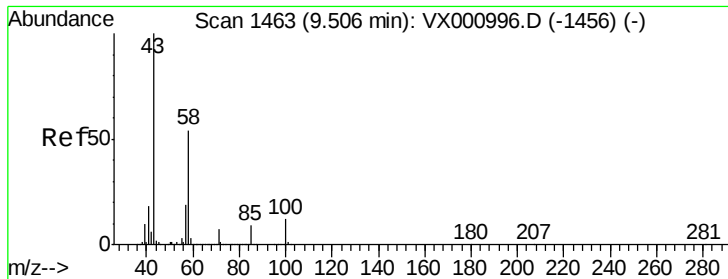
Tgt Ion: 63 Resp: 539369

Ion Ratio Lower Upper

63 100

106 29.0 23.8 35.6

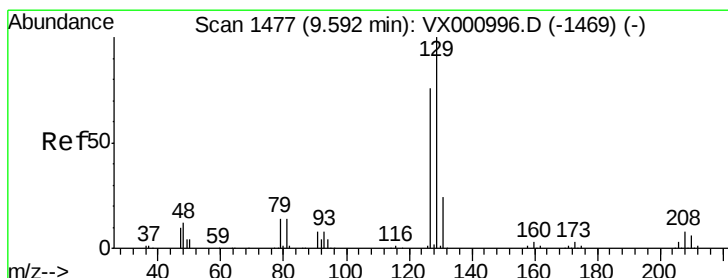
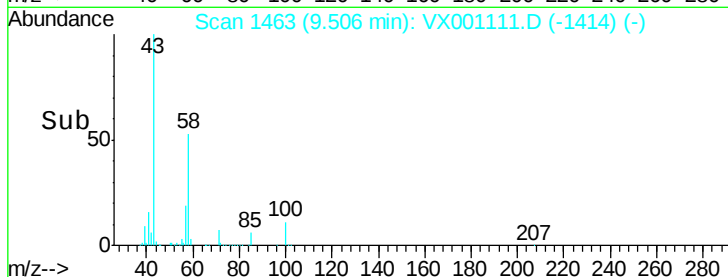
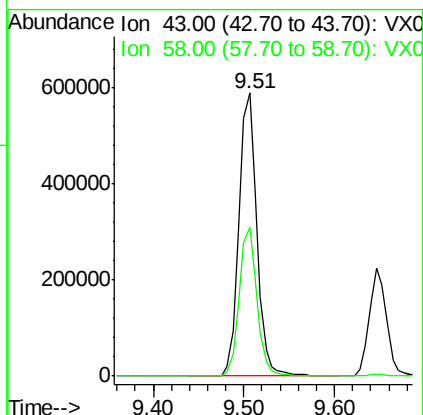
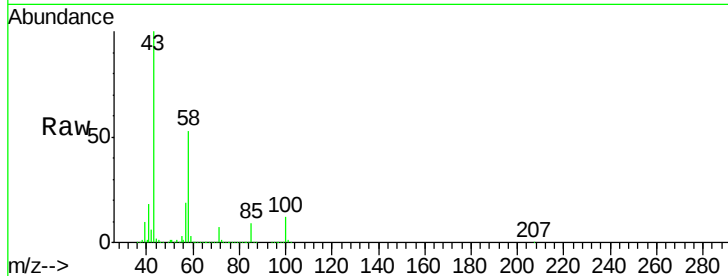




#59
2-Hexanone
Concen: 276.87 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001111.D
Acq: 25 Apr 2018 06:49

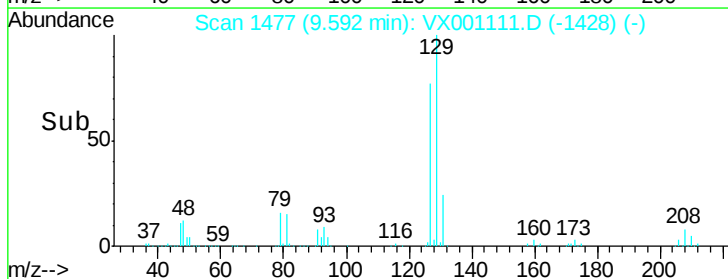
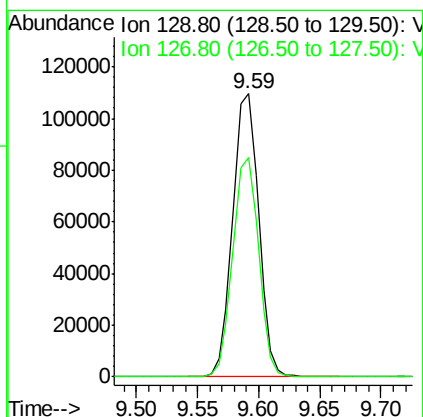
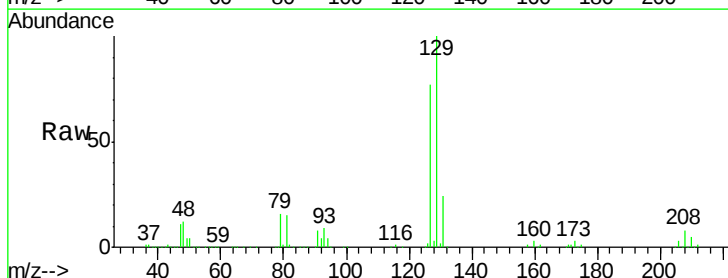
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

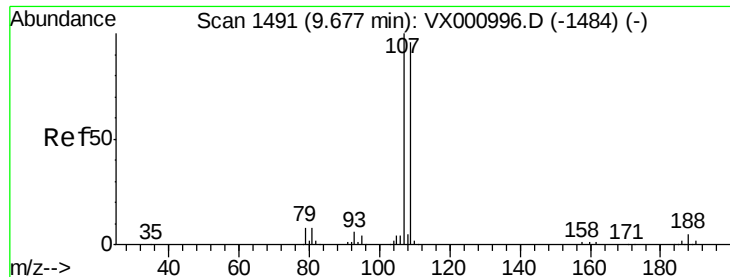
Tgt Ion: 43 Resp: 807745
Ion Ratio Lower Upper
43 100
58 52.0 26.3 78.9



#60
Dibromochloromethane
Concen: 53.26 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX001111.D
Acq: 25 Apr 2018 06:49

Tgt Ion: 129 Resp: 160910
Ion Ratio Lower Upper
129 100
127 77.1 38.6 115.8





#61

1,2-Dibromoethane

Concen: 51.80 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001111.D

Acq: 25 Apr 2018 06:49

Instrument :

MSVOA_X

ClientSampleId :

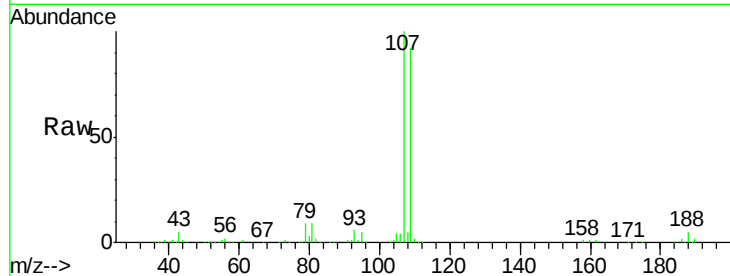
VSTDCCC050EC

Tgt Ion: 107 Resp: 157282

Ion Ratio Lower Upper

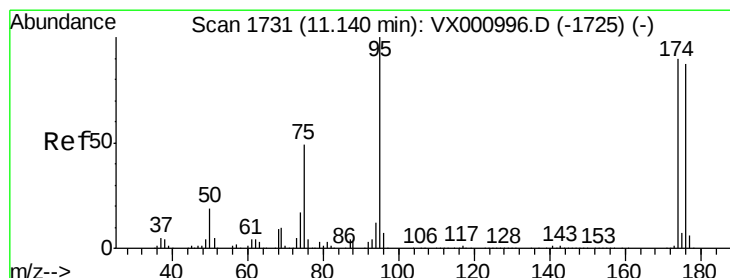
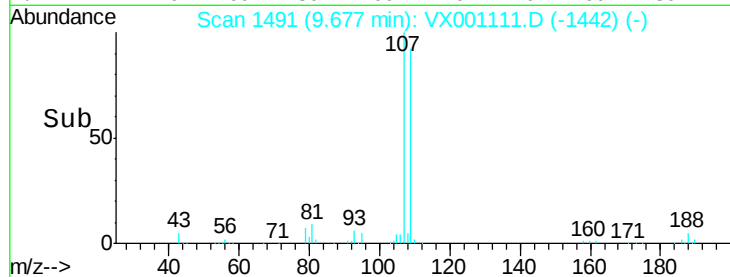
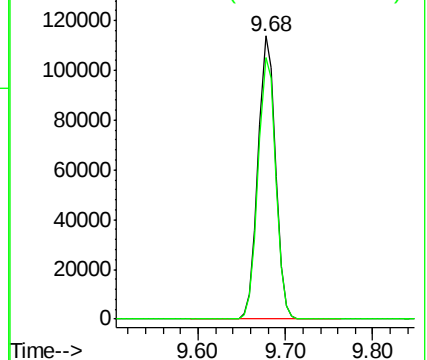
107 100

109 93.2 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.00 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001111.D

Acq: 25 Apr 2018 06:49

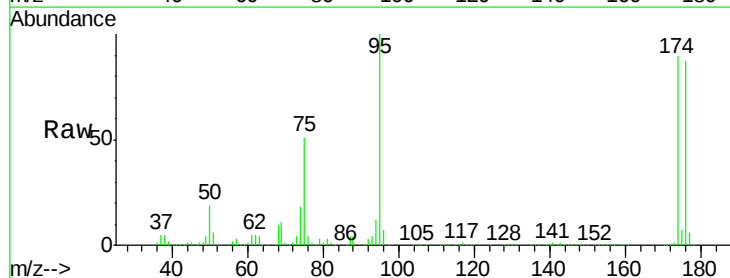
Tgt Ion: 95 Resp: 180760

Ion Ratio Lower Upper

95 100

174 97.1 0.0 198.4

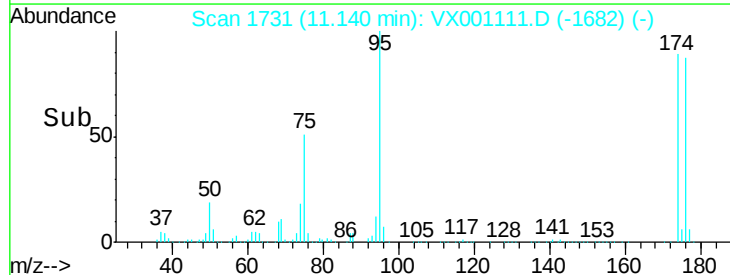
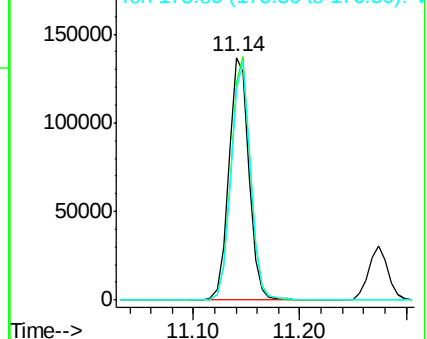
176 95.2 0.0 192.0

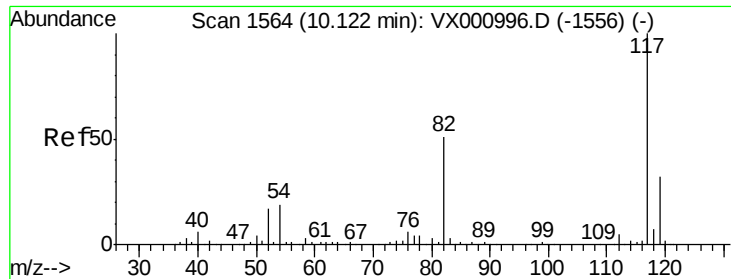


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

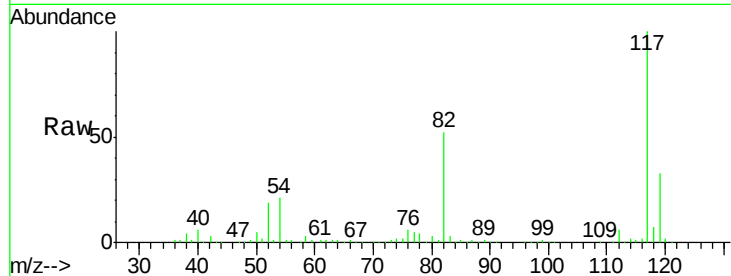




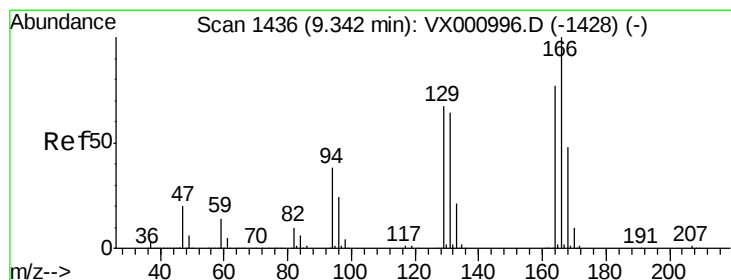
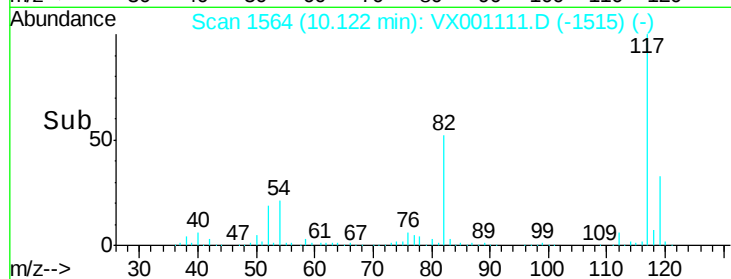
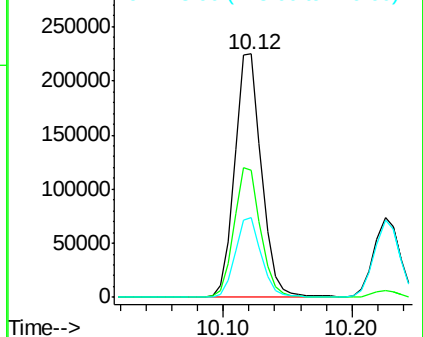
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001111.D
Acq: 25 Apr 2018 06:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 326578
Ion Ratio Lower Upper
117 100
82 52.0 40.6 60.8
119 32.6 26.0 39.0

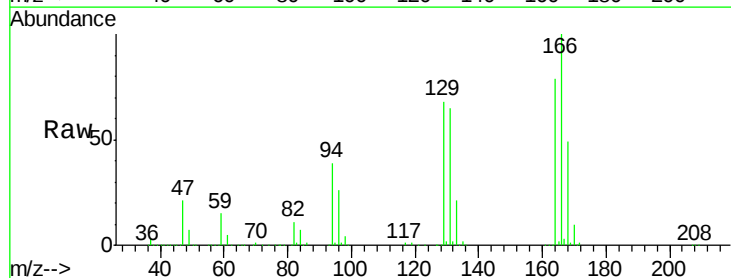


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

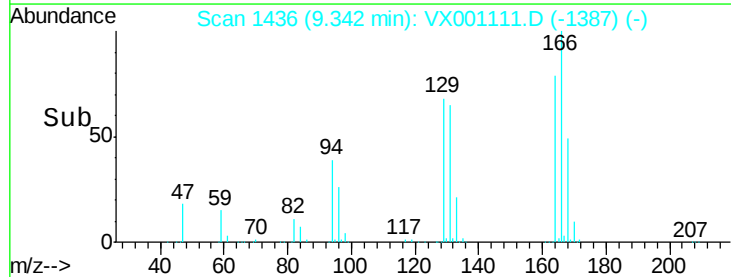
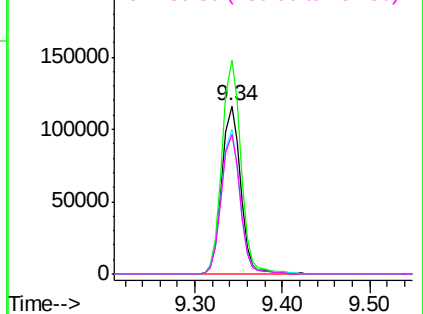


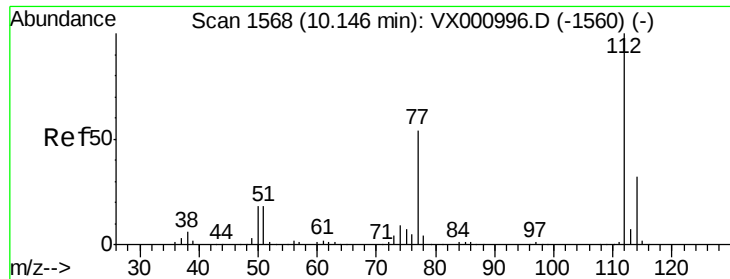
#64
Tetrachloroethene
Concen: 50.05 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001111.D
Acq: 25 Apr 2018 06:49

Tgt Ion:164 Resp: 173590
Ion Ratio Lower Upper
164 100
166 127.2 103.5 155.3
129 86.5 69.6 104.4
131 83.3 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

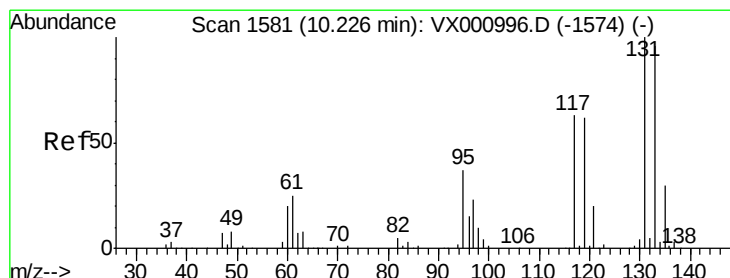
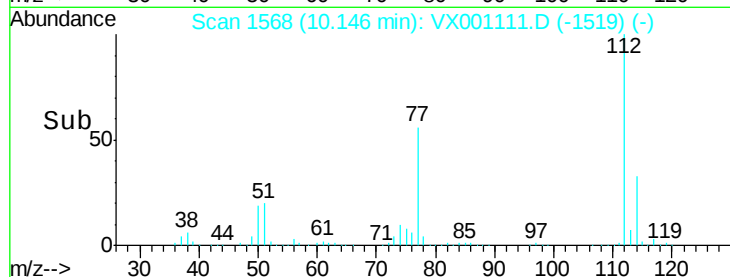
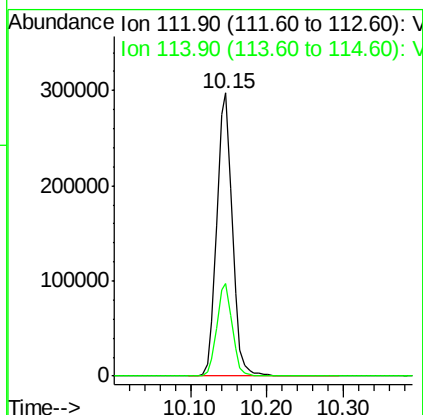
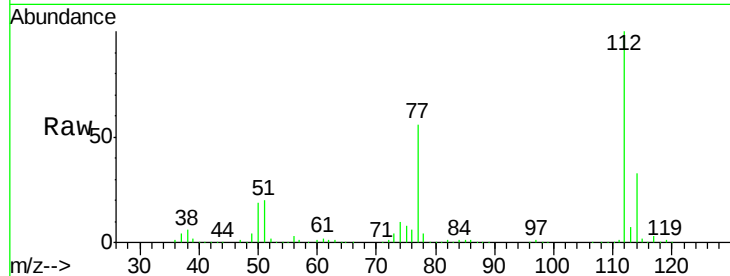




#65
Chlorobenzene
Concen: 48.03 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX001111.D
Acq: 25 Apr 2018 06:49

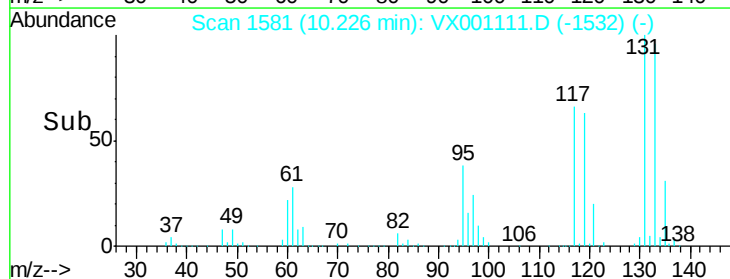
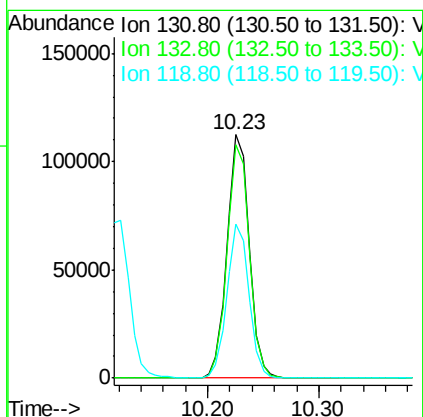
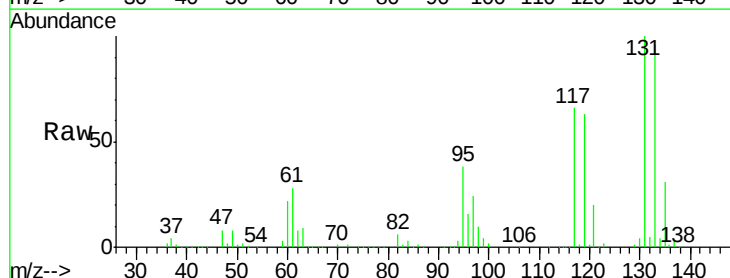
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

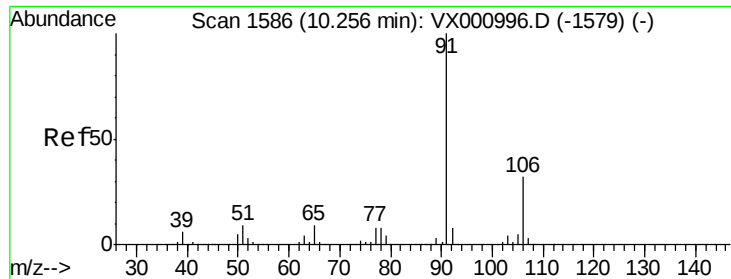
Tgt Ion:112 Resp: 417677
Ion Ratio Lower Upper
112 100
114 32.7 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 51.79 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX001111.D
Acq: 25 Apr 2018 06:49

Tgt Ion:131 Resp: 154570
Ion Ratio Lower Upper
131 100
133 96.7 47.6 142.8
119 63.1 31.1 93.2

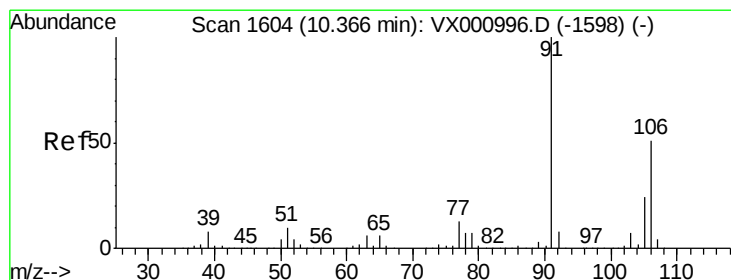
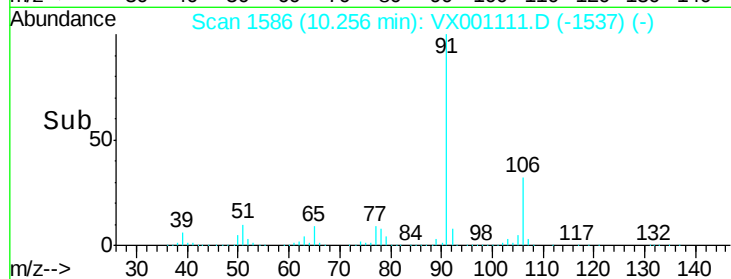
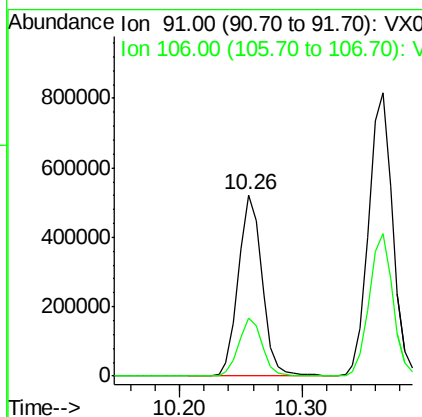
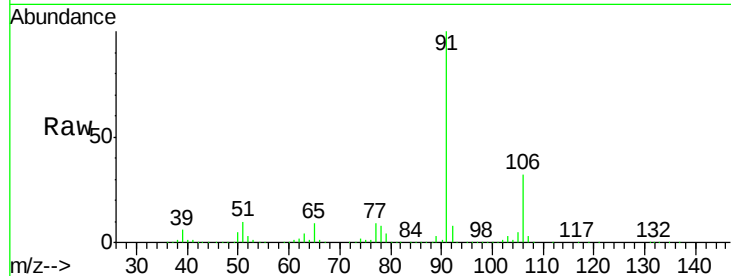




#67
Ethyl Benzene
Concen: 48.61 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX001111.D
Acq: 25 Apr 2018 06:49

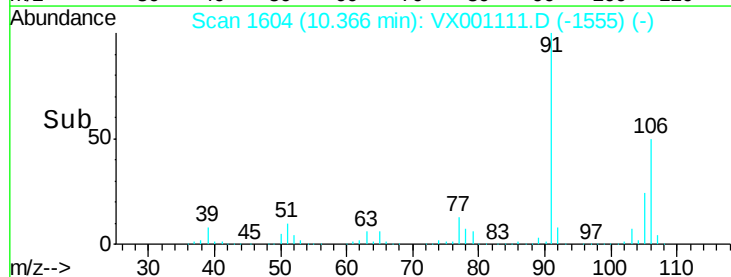
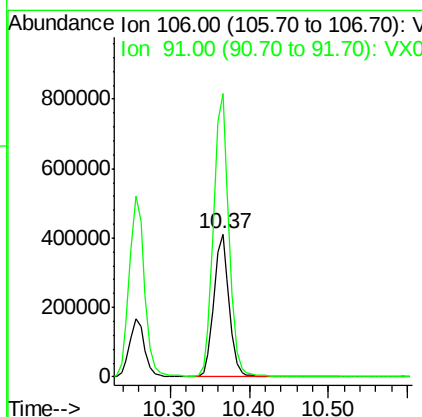
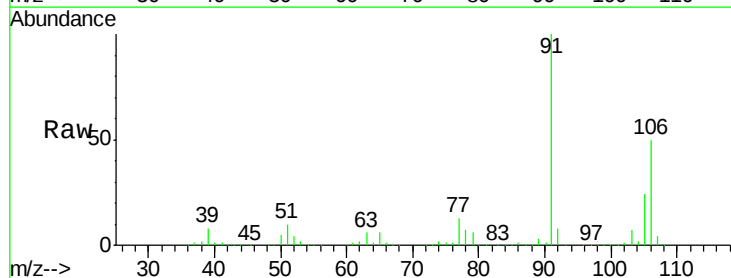
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

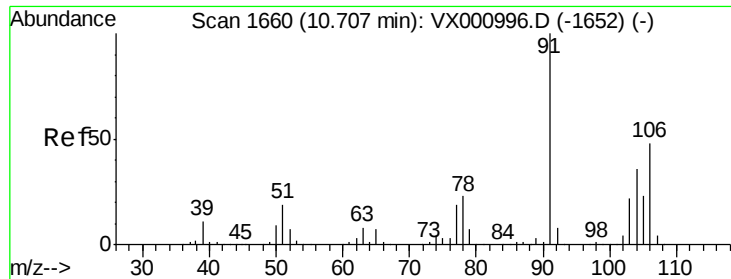
Tgt Ion: 91 Resp: 701931
Ion Ratio Lower Upper
91 100
106 31.9 25.7 38.5



#68
m/p-Xylenes
Concen: 97.97 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001111.D
Acq: 25 Apr 2018 06:49

Tgt Ion: 106 Resp: 557597
Ion Ratio Lower Upper
106 100
91 200.4 159.3 238.9

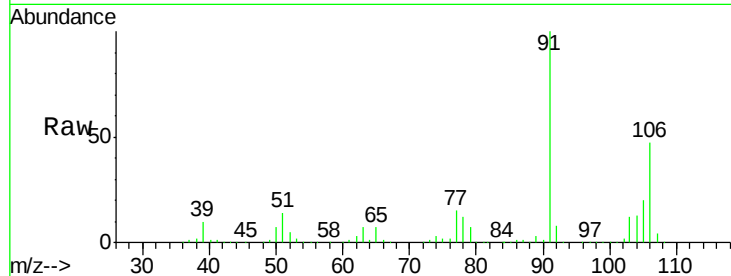




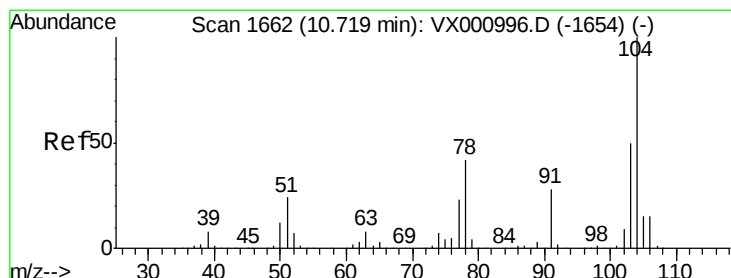
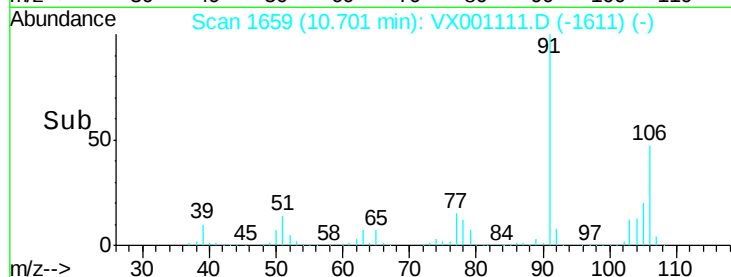
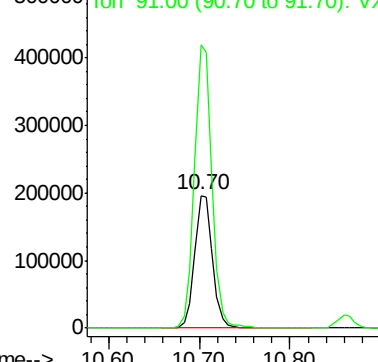
#69
o-Xylene
Concen: 49.37 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX001111.D
Acq: 25 Apr 2018 06:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 270893
Ion Ratio Lower Upper
106 100
91 210.6 105.1 315.1

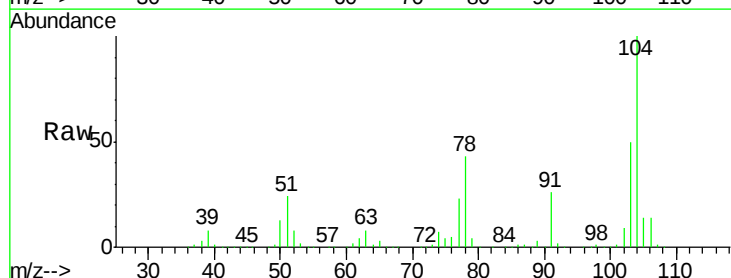


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

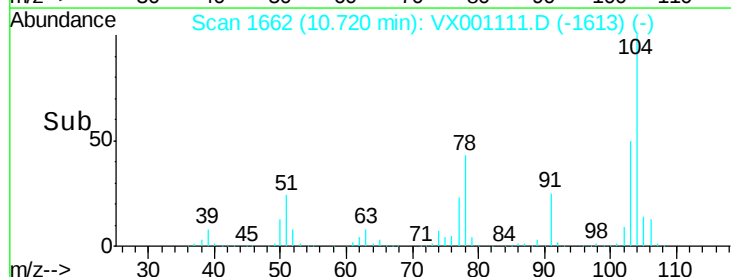
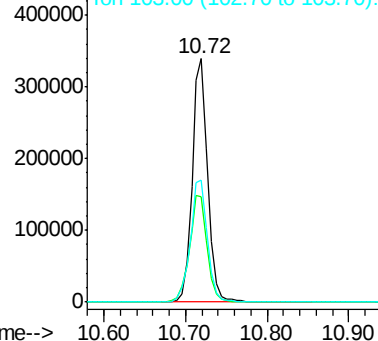


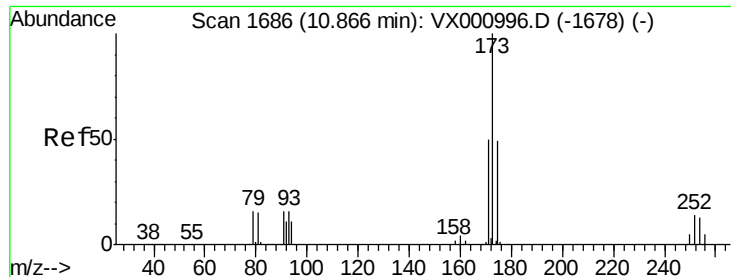
#70
Styrene
Concen: 49.86 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001111.D
Acq: 25 Apr 2018 06:49

Tgt Ion:104 Resp: 450580
Ion Ratio Lower Upper
104 100
78 50.1 39.4 59.2
103 56.2 44.2 66.2



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





#71

Bromoform

Concen: 47.38 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX001111.D

Acq: 25 Apr 2018 06:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

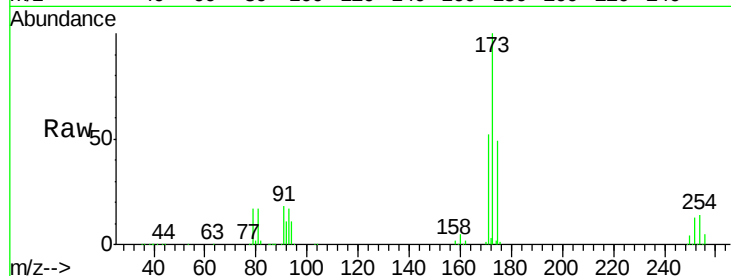
Tgt Ion:173 Resp: 131245

Ion Ratio Lower Upper

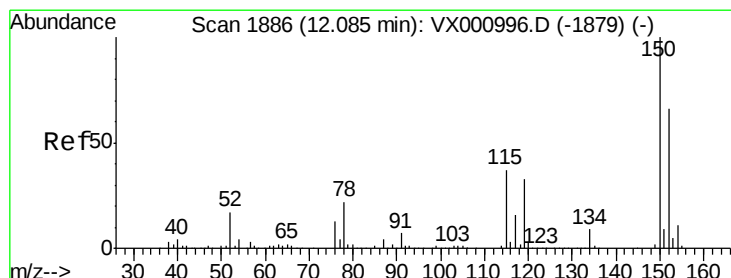
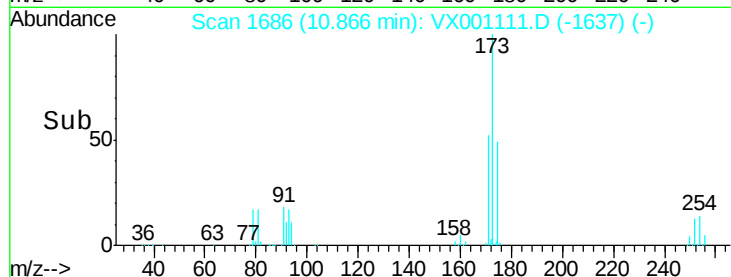
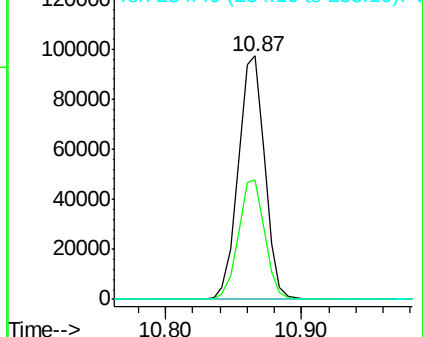
173 100

175 48.8 24.8 74.3

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001111.D

Acq: 25 Apr 2018 06:49

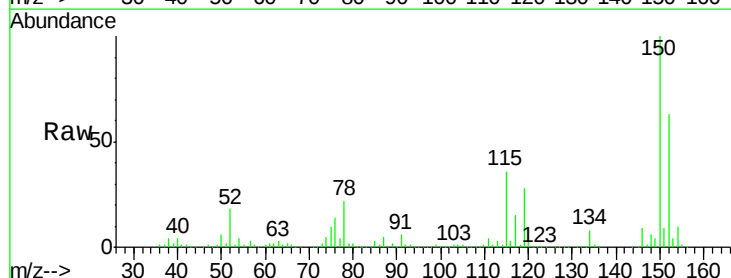
Tgt Ion:152 Resp: 225873

Ion Ratio Lower Upper

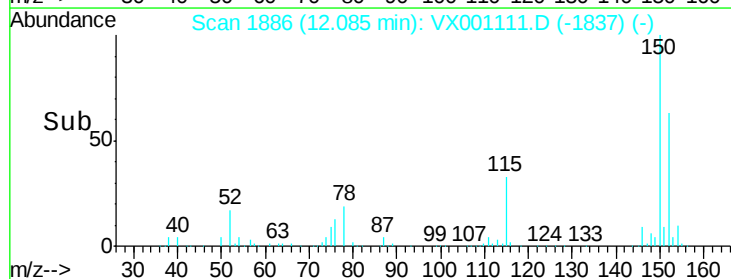
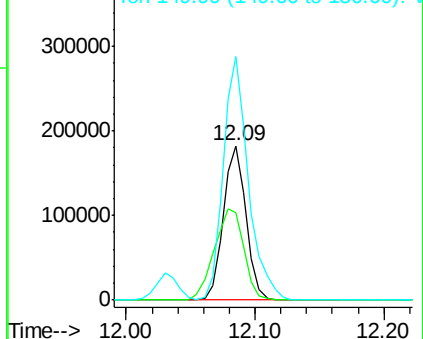
152 100

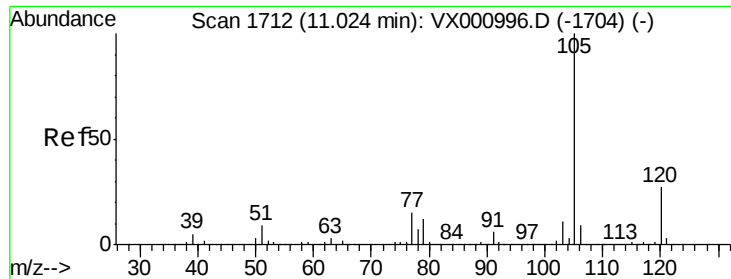
115 77.3 38.2 114.6

150 174.4 0.0 350.4



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





#73

Isopropylbenzene

Concen: 49.80 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001111.D

Acq: 25 Apr 2018 06:49

Instrument :

MSVOA_X

ClientSampleId :

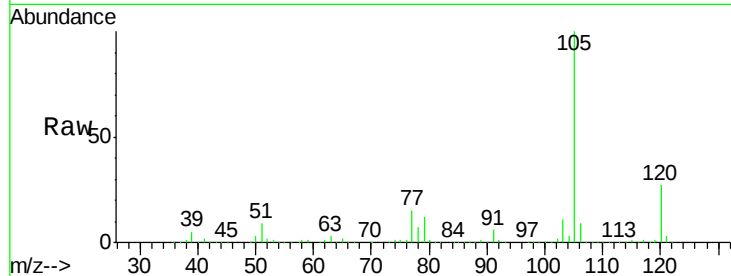
VSTDCCC050EC

Tgt Ion: 105 Resp: 735310

Ion Ratio Lower Upper

105 100

120 26.9 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

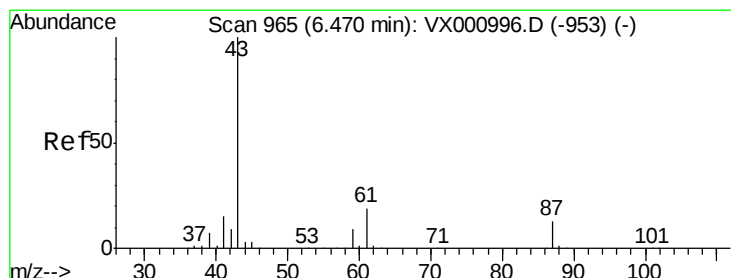
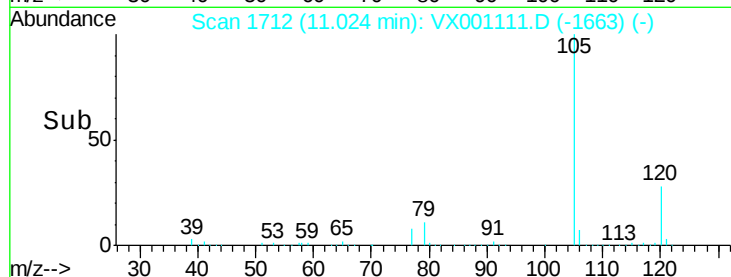
600000

400000

200000

0

Time-->



#74

N-ethyl acetate

Concen: 51.63 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX001111.D

Acq: 25 Apr 2018 06:49

Tgt Ion: 43 Resp: 326151

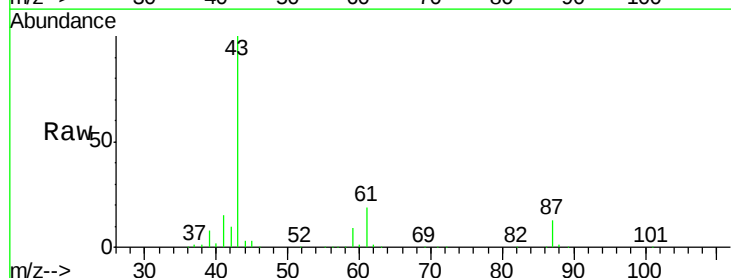
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1#

61 18.7 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

6.48

200000

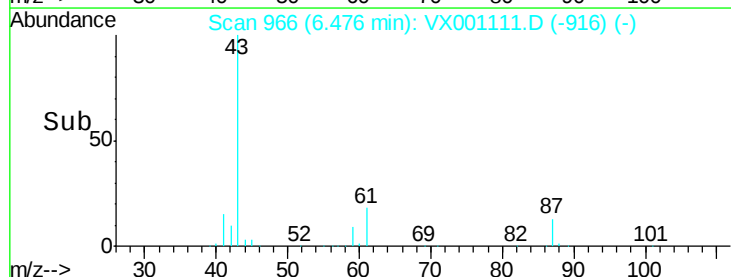
150000

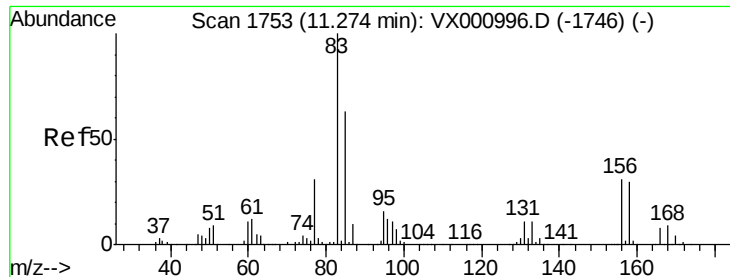
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 53.85 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001111.D

Acq: 25 Apr 2018 06:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

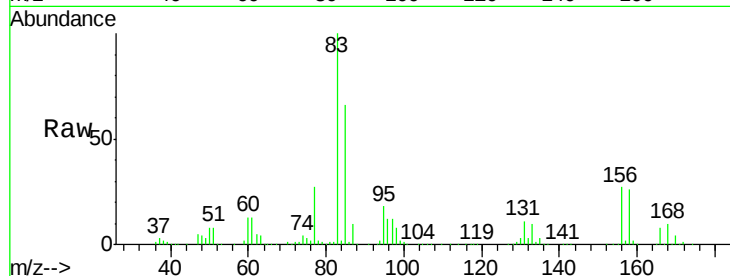
Tgt Ion: 83 Resp: 225094

Ion Ratio Lower Upper

83 100

131 11.4 5.8 17.4

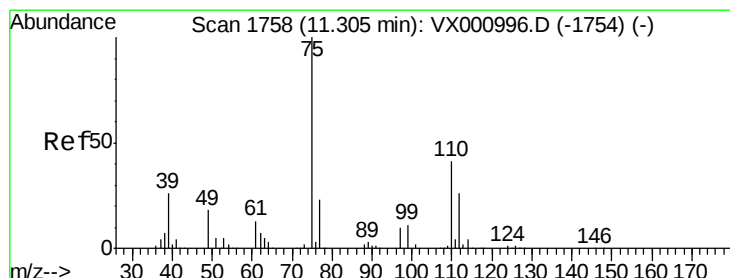
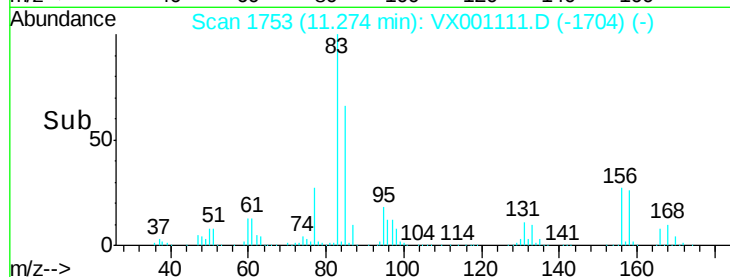
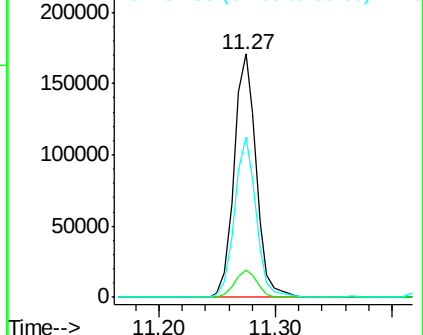
85 64.6 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 62.63 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX001111.D

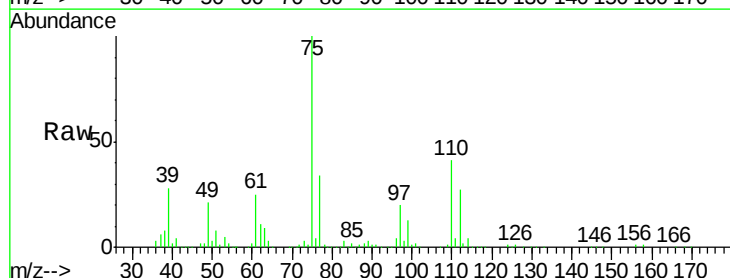
Acq: 25 Apr 2018 06:49

Tgt Ion: 75 Resp: 245439

Ion Ratio Lower Upper

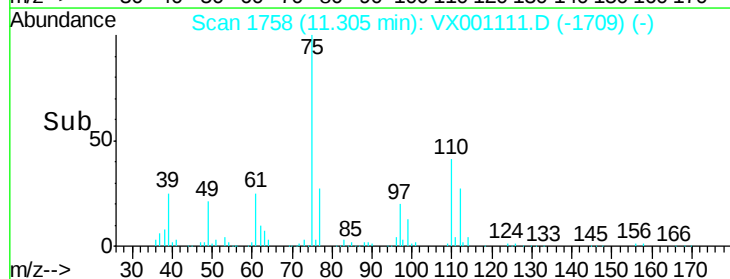
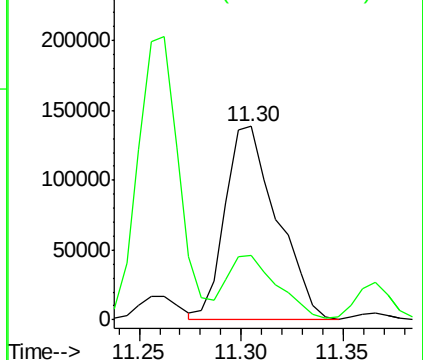
75 100

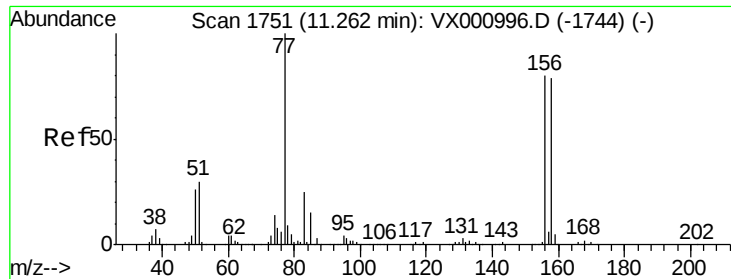
77 32.1 19.6 58.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

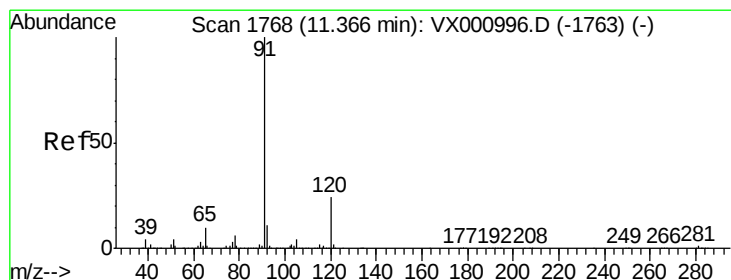
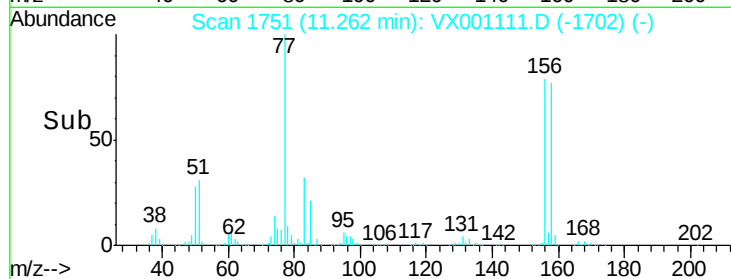
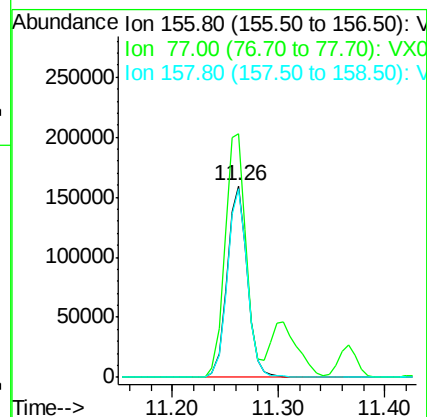
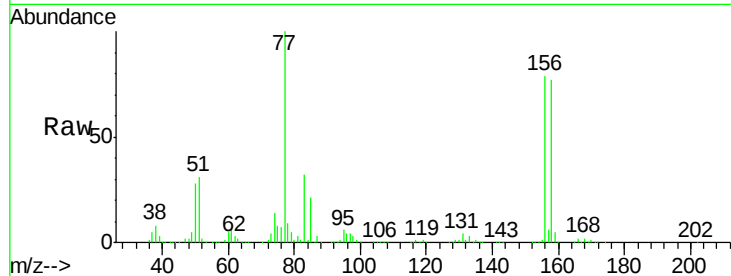




#77
Bromobenzene
Concen: 48.84 ug/l
RT: 11.26 min Scan# 1751
Delta R.T. 0.00 min
Lab File: VX001111.D
Acq: 25 Apr 2018 06:49

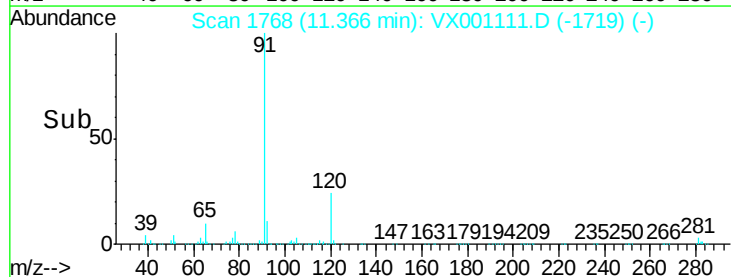
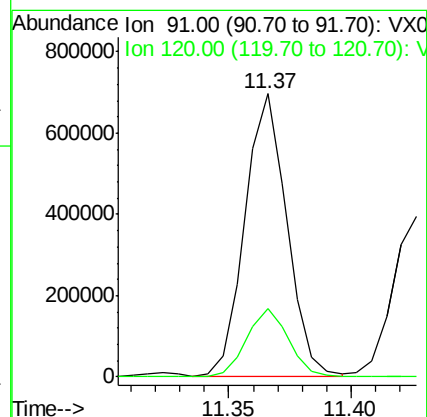
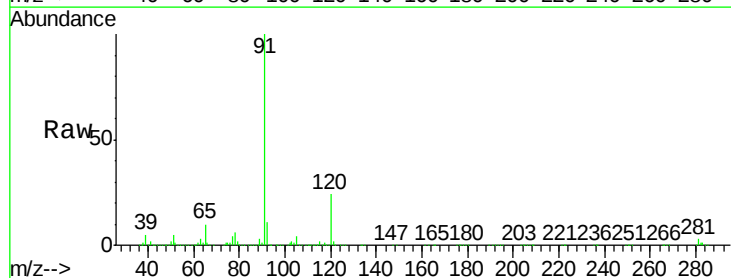
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

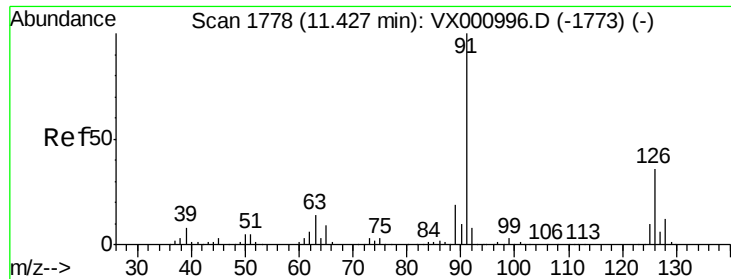
Tgt Ion: 156 Resp: 209358
Ion Ratio Lower Upper
156 100
77 134.7 66.3 199.0
158 98.4 48.9 146.6



#78
n-propylbenzene
Concen: 48.73 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. 0.00 min
Lab File: VX001111.D
Acq: 25 Apr 2018 06:49

Tgt Ion: 91 Resp: 826143
Ion Ratio Lower Upper
91 100
120 24.4 12.4 37.0





#79

2-Chlorotoluene

Concen: 49.48 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001111.D

Acq: 25 Apr 2018 06:49

Instrument :

MSVOA_X

ClientSampleId :

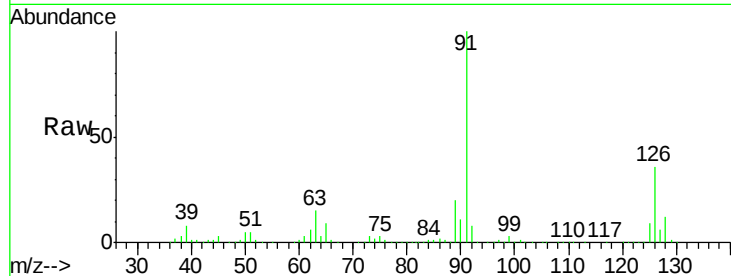
VSTDCCC050EC

Tgt Ion: 91 Resp: 495611

Ion Ratio Lower Upper

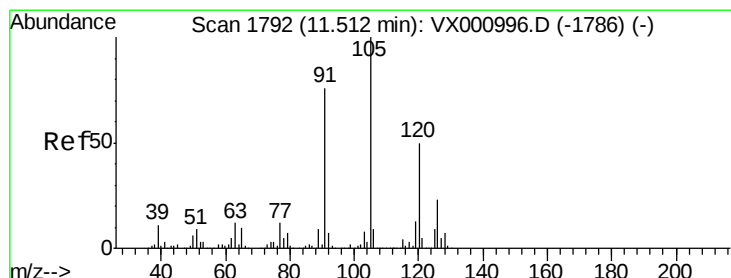
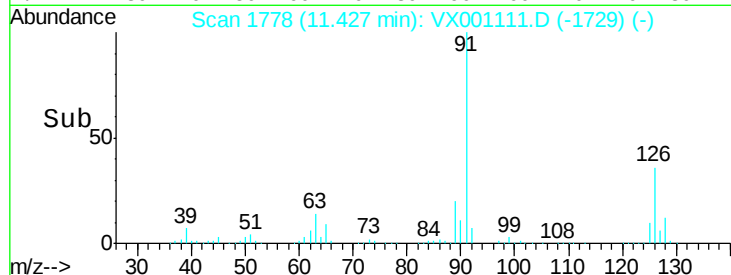
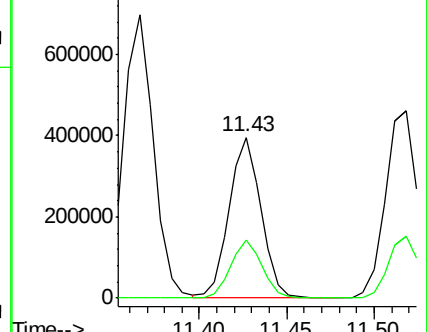
91 100

126 36.1 18.3 54.9



Abundance Ion 91.00 (90.70 to 91.70): VX000996.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX000996.D (-1773) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.08 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001111.D

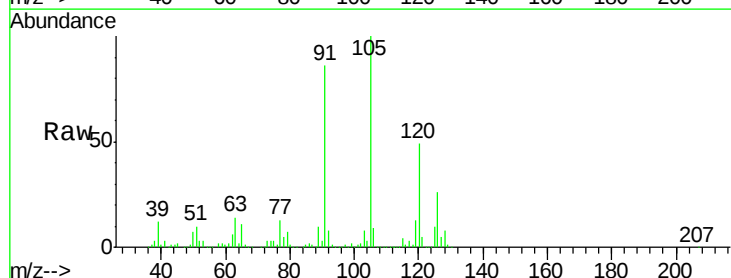
Acq: 25 Apr 2018 06:49

Tgt Ion: 105 Resp: 626869

Ion Ratio Lower Upper

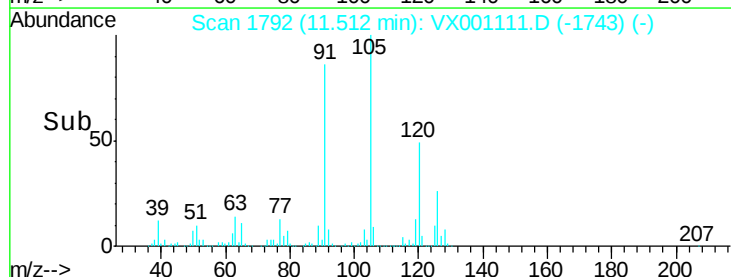
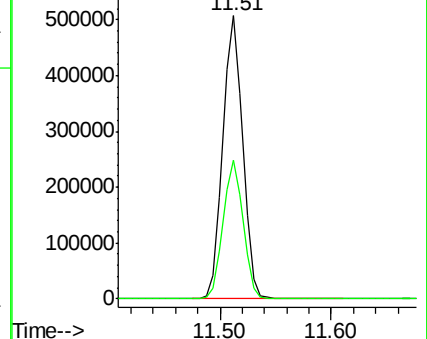
105 100

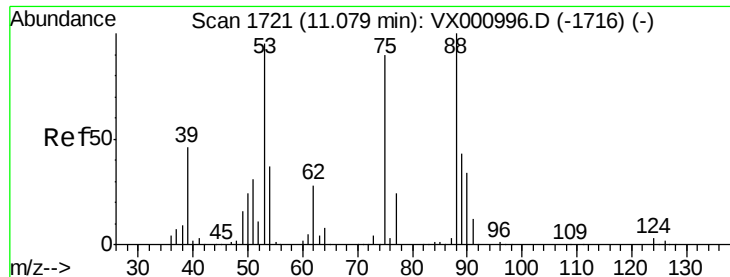
120 49.1 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): VX000996.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX000996.D (-1786) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 41.26 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001111.D

Acq: 25 Apr 2018 06:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

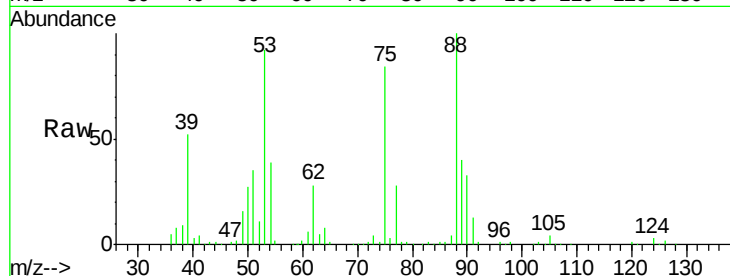
Tgt Ion: 75 Resp: 51915

Ion Ratio Lower Upper

75 100

53 109.4 83.4 125.2

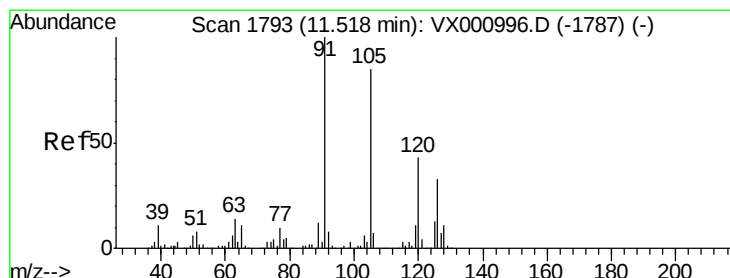
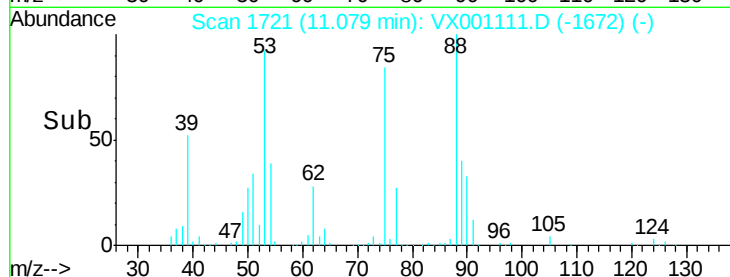
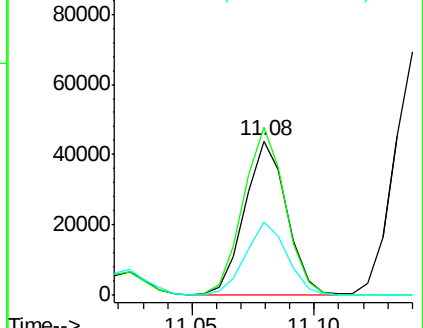
89 47.4 39.7 59.5



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: 49.02 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001111.D

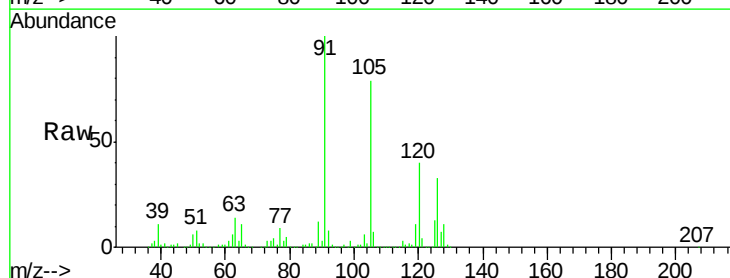
Acq: 25 Apr 2018 06:49

Tgt Ion: 91 Resp: 593272

Ion Ratio Lower Upper

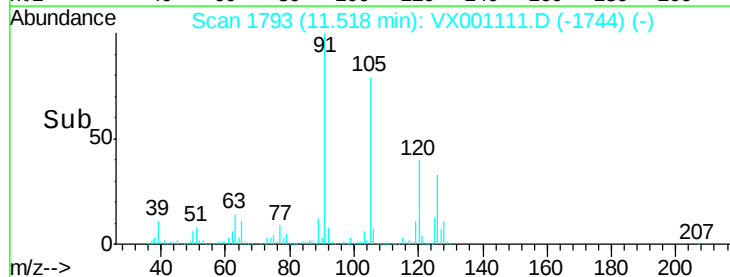
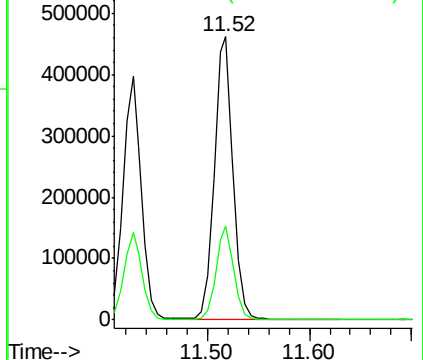
91 100

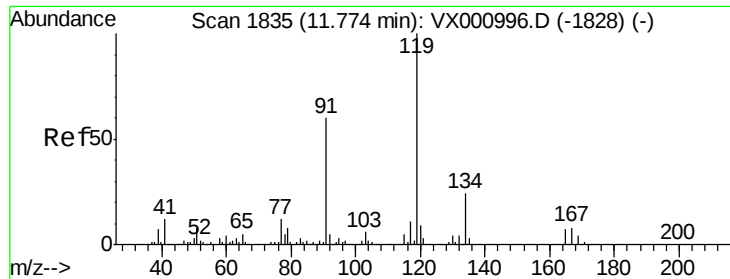
126 31.6 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

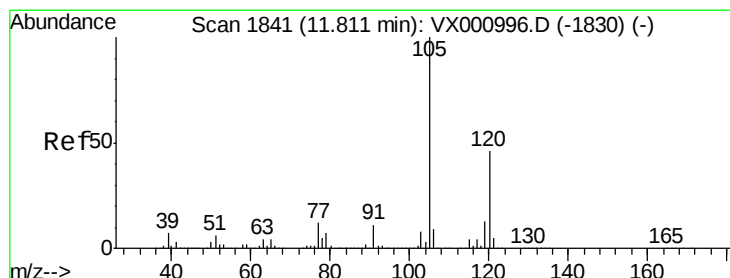
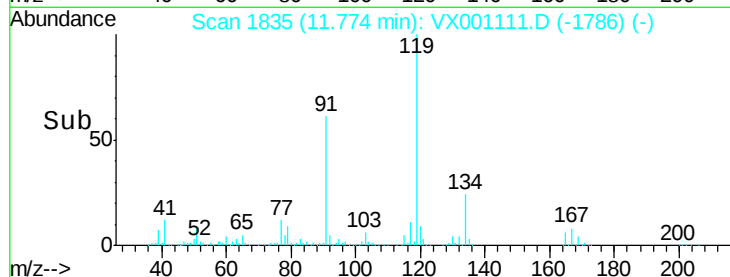
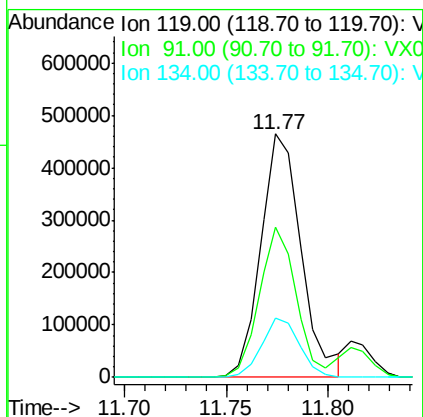
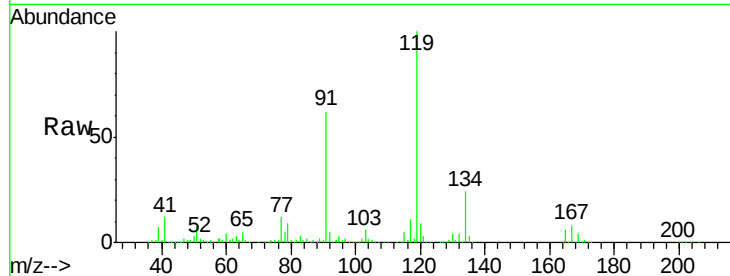




#83
 tert-Butylbenzene
 Concen: 50.61 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001111.D
 Acq: 25 Apr 2018 06:49

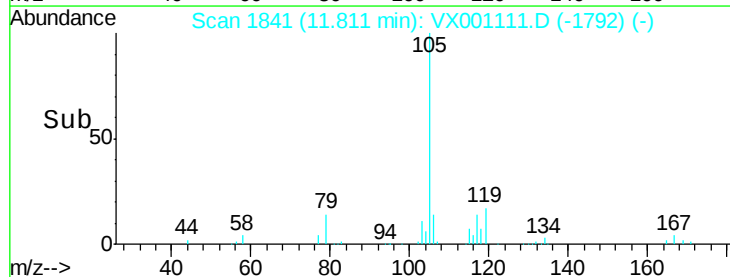
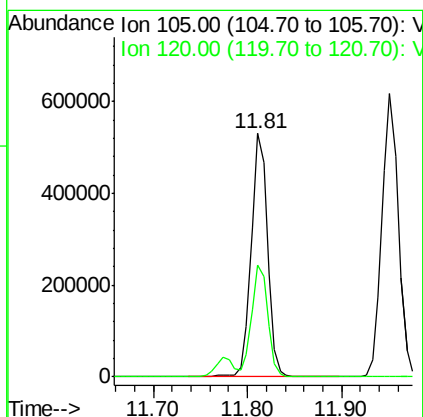
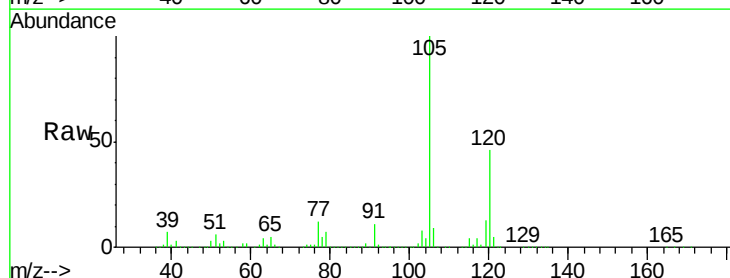
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

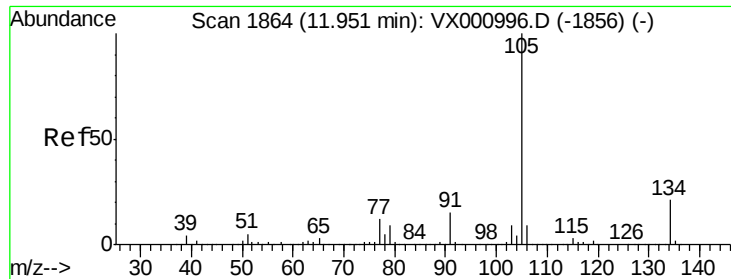
Tgt Ion:119 Resp: 639040
 Ion Ratio Lower Upper
 119 100
 91 56.5 27.0 81.0
 134 23.0 11.6 34.7



#84
 1,2,4-Trimethylbenzene
 Concen: 50.27 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001111.D
 Acq: 25 Apr 2018 06:49

Tgt Ion:105 Resp: 647504
 Ion Ratio Lower Upper
 105 100
 120 45.2 23.0 69.0

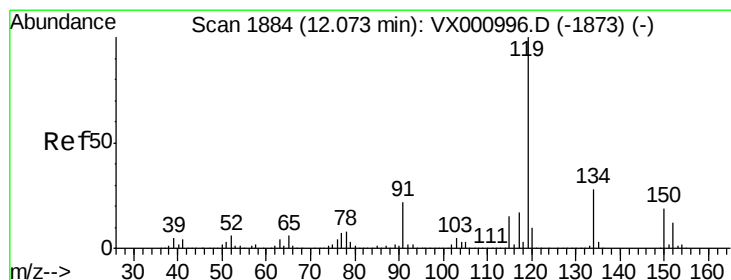
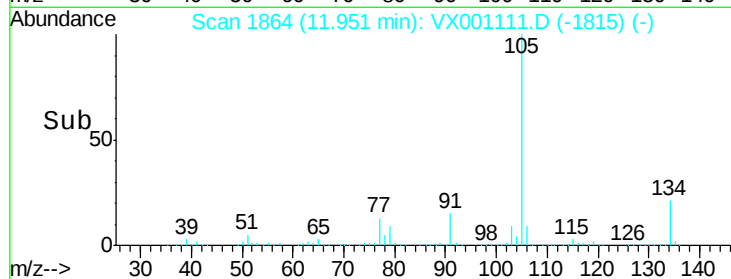
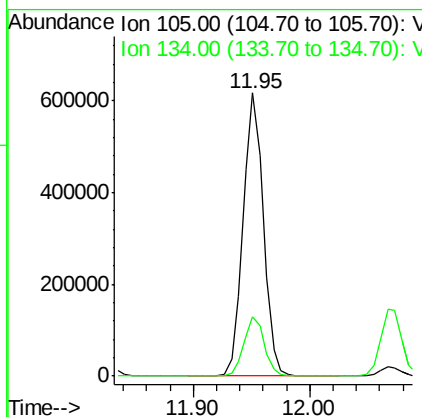
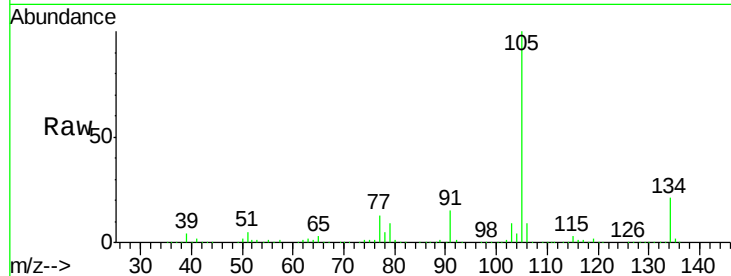




#85
 sec-Butylbenzene
 Concen: 49.98 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX001111.D
 Acq: 25 Apr 2018 06:49

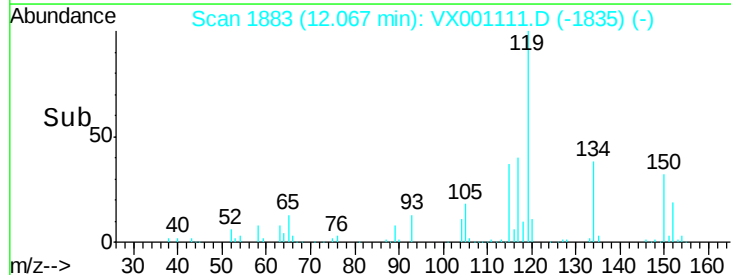
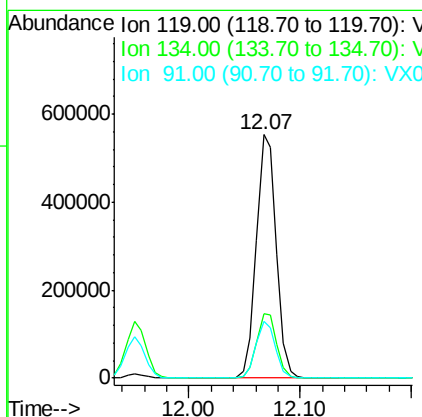
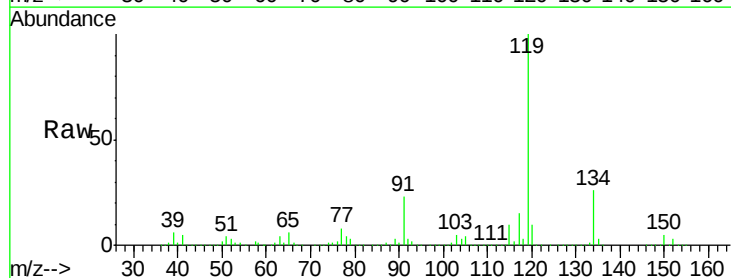
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

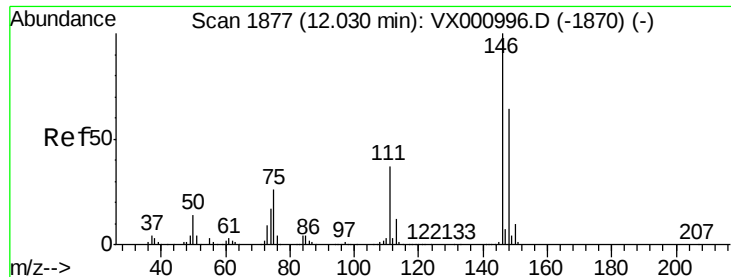
Tgt Ion:105 Resp: 753296
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.5 31.6



#86
 p-Isopropyltoluene
 Concen: 49.33 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: VX001111.D
 Acq: 25 Apr 2018 06:49

Tgt Ion:119 Resp: 687856
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.5 40.5
 91 23.0 11.4 34.1

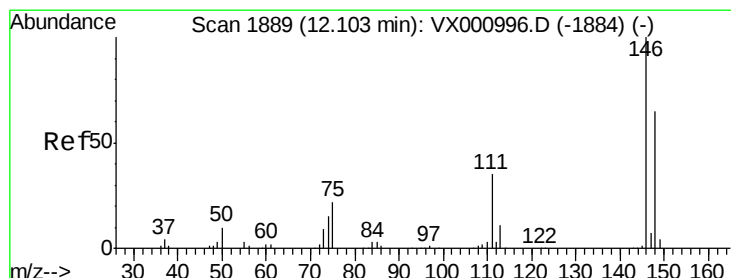
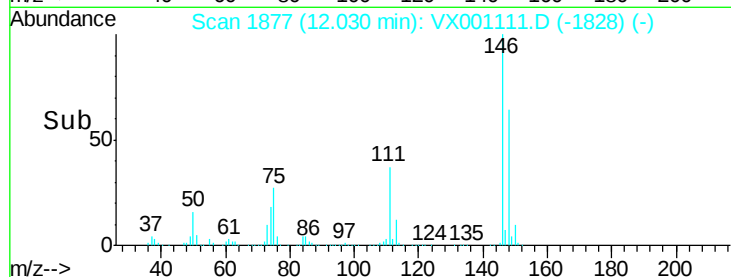
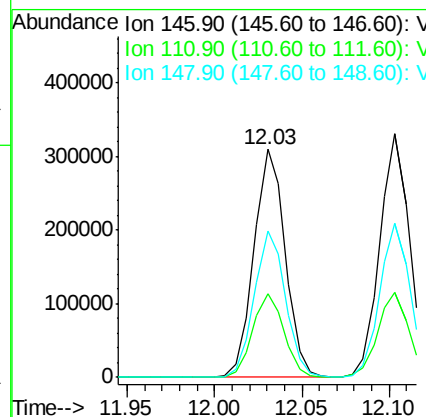
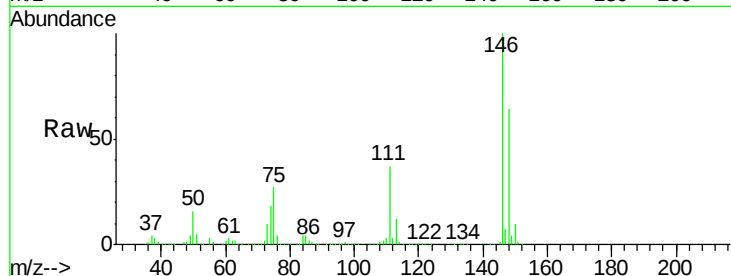




#87
 1,3-Dichlorobenzene
 Concen: 48.08 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001111.D
 Acq: 25 Apr 2018 06:49

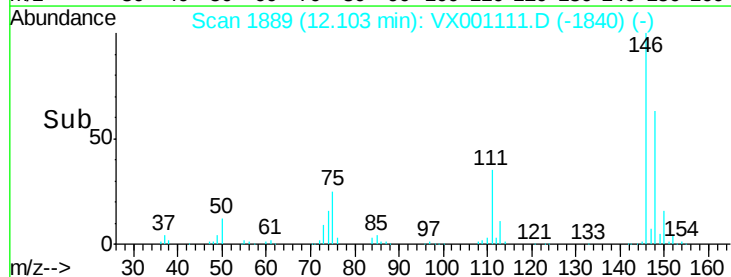
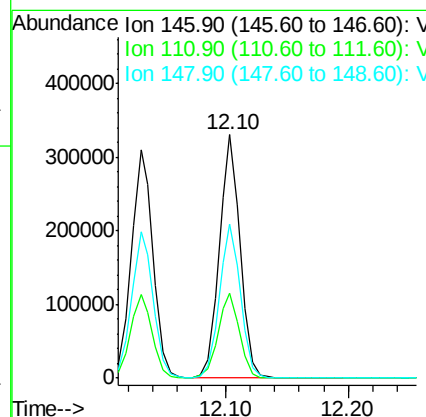
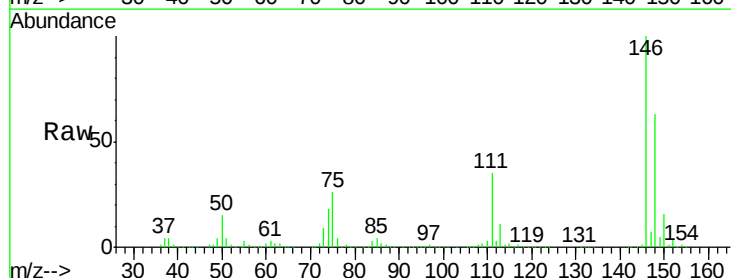
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

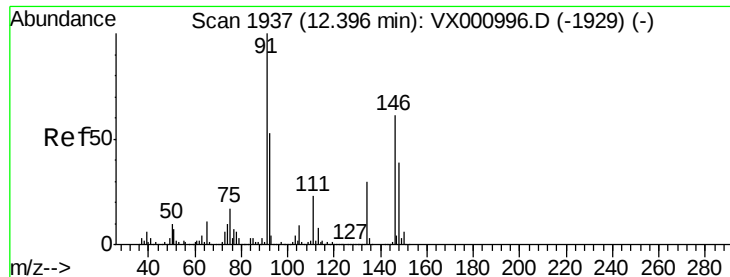
Tgt Ion:146 Resp: 385789
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.3 54.8
 148 63.9 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 47.70 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001111.D
 Acq: 25 Apr 2018 06:49

Tgt Ion:146 Resp: 392848
 Ion Ratio Lower Upper
 146 100
 111 36.1 18.0 54.0
 148 64.4 32.4 97.0





#89

n-Butylbenzene

Concen: 47.51 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001111.D

Acq: 25 Apr 2018 06:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

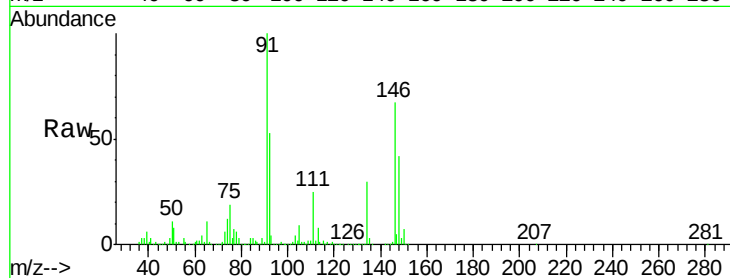
Tgt Ion: 91 Resp: 589405

Ion Ratio Lower Upper

91 100

92 52.7 26.3 78.9

134 28.3 14.4 43.0

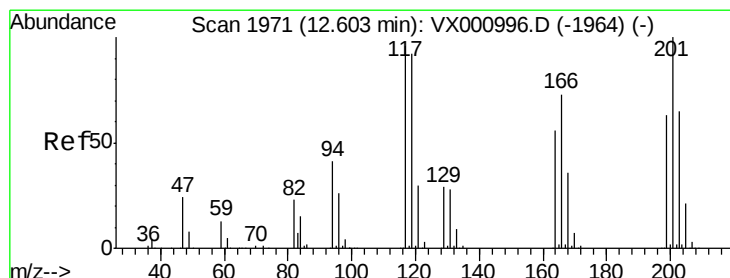
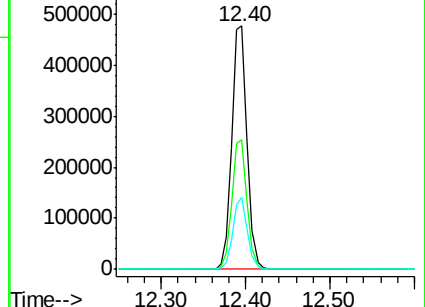
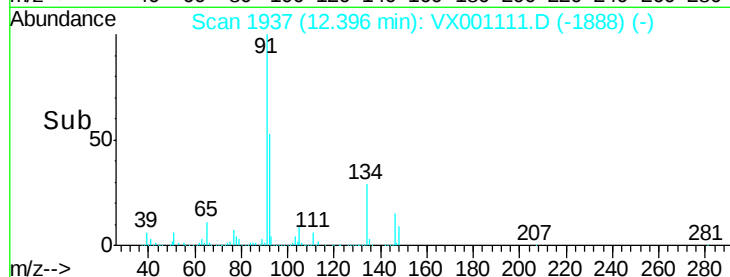


Abundance Ion 91.00 (90.70 to 91.70): VX000996.D (-1929) (-)

Ion 92.00 (91.70 to 92.70): VX000996.D (-1929) (-)

Ion 134.00 (133.70 to 134.70): VX000996.D (-1929) (-)

Time-->



#90

Hexachloroethane

Concen: 53.75 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX001111.D

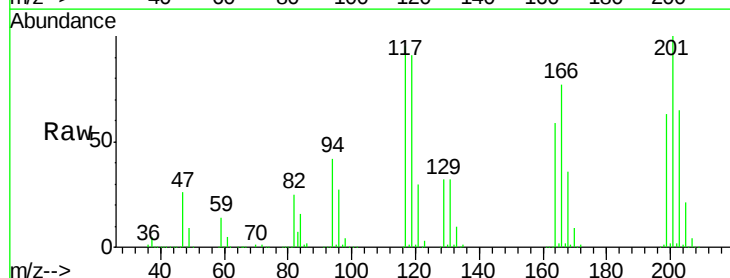
Acq: 25 Apr 2018 06:49

Tgt Ion: 117 Resp: 106189

Ion Ratio Lower Upper

117 100

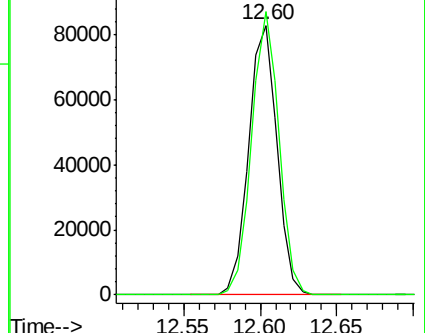
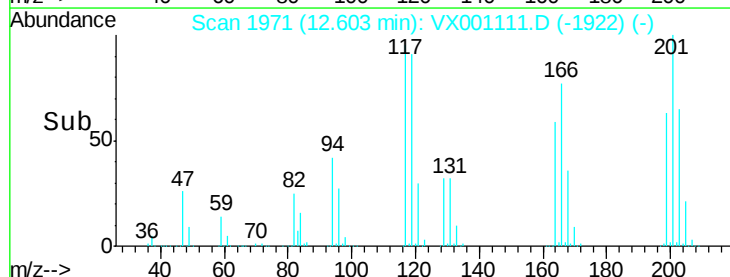
201 101.6 52.3 157.1

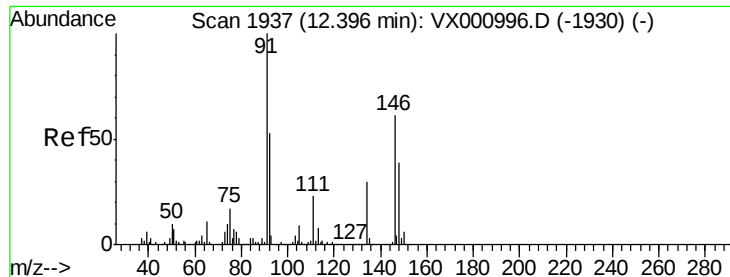


Abundance Ion 116.80 (116.50 to 117.50): VX000996.D (-1964) (-)

Ion 200.70 (200.40 to 201.40): VX000996.D (-1964) (-)

Time-->





#91

1,2-Dichlorobenzene

Concen: 49.56 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001111.D

Acq: 25 Apr 2018 06:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

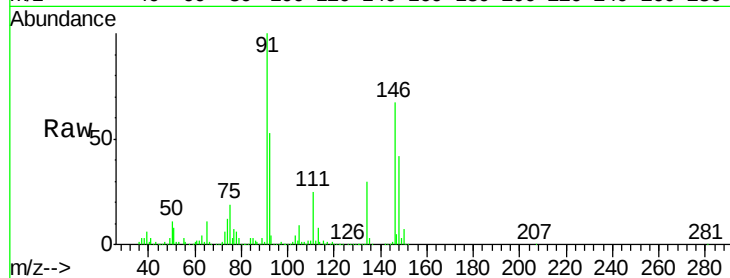
Tgt Ion:146 Resp: 385022

Ion Ratio Lower Upper

146 100

111 38.0 18.6 56.0

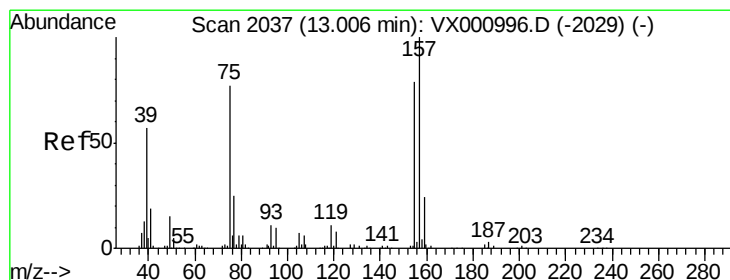
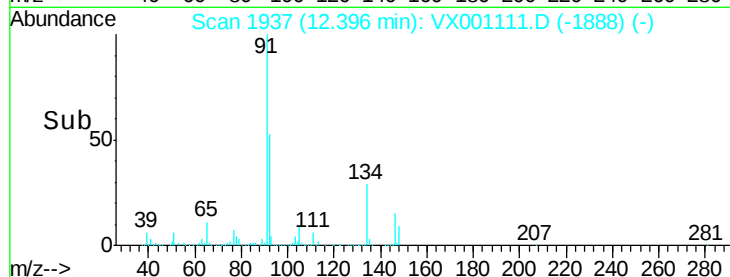
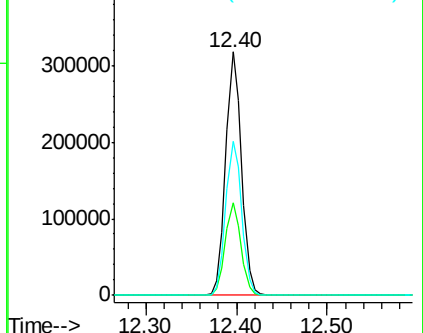
148 64.3 32.3 96.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 57.80 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VX001111.D

Acq: 25 Apr 2018 06:49

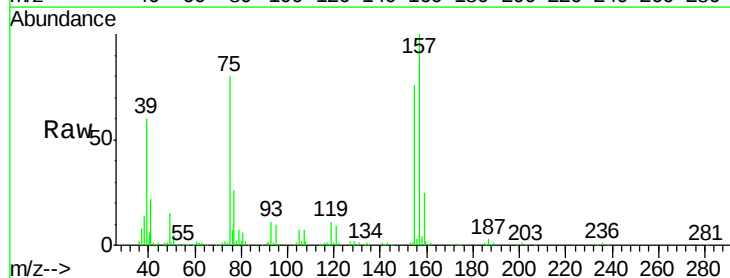
Tgt Ion: 75 Resp: 50620

Ion Ratio Lower Upper

75 100

155 97.7 51.0 153.0

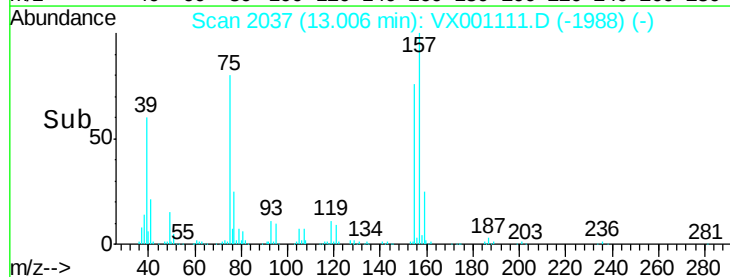
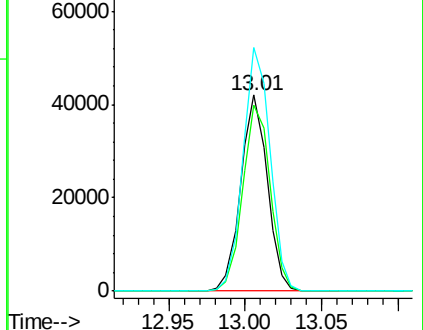
157 126.8 64.9 194.7

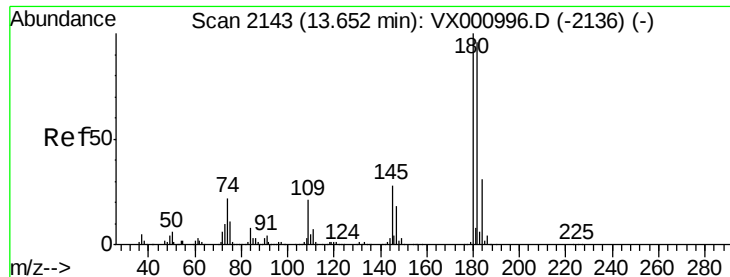


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

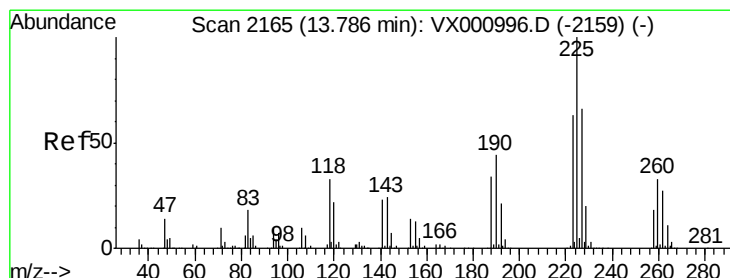
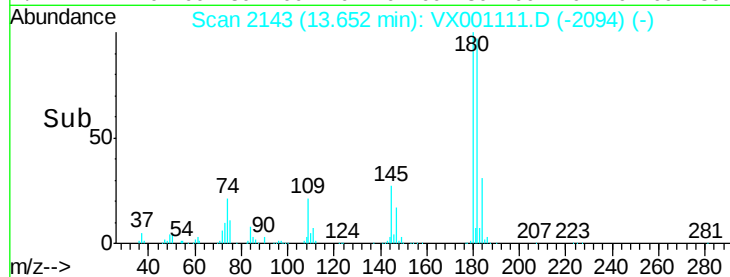
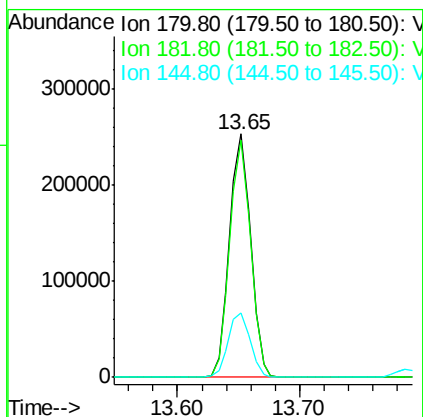
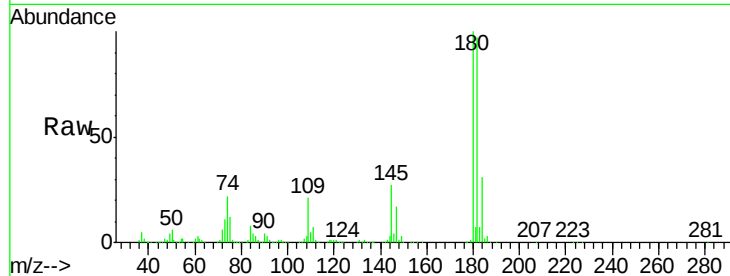




#93
 1,2,4-Trichlorobenzene
 Concen: 46.32 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001111.D
 Acq: 25 Apr 2018 06:49

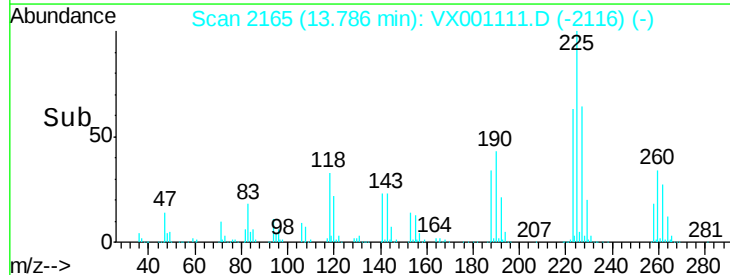
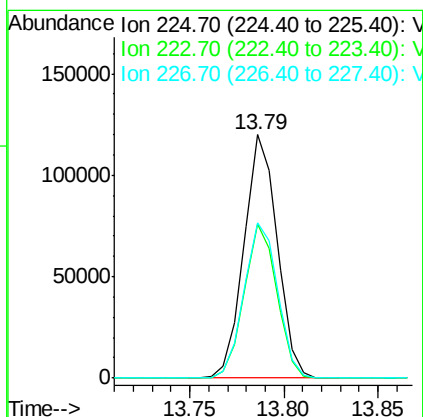
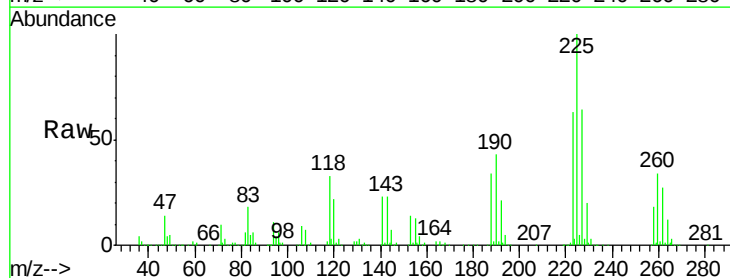
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

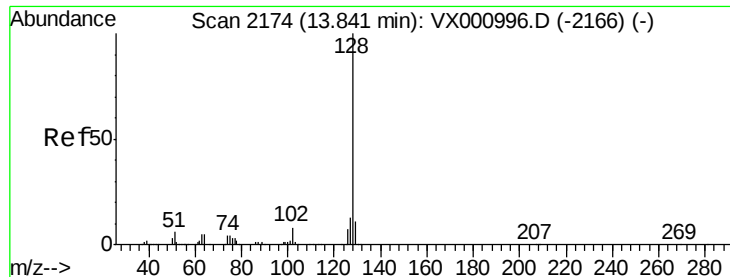
Tgt Ion:180 Resp: 302091
 Ion Ratio Lower Upper
 180 100
 182 96.4 48.0 144.0
 145 27.6 13.9 41.7



#94
 Hexachlorobutadiene
 Concen: 49.68 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001111.D
 Acq: 25 Apr 2018 06:49

Tgt Ion:225 Resp: 146604
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.5 94.5
 227 64.7 32.6 97.8





#95

Naphthalene

Concen: 52.53 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001111.D

Acq: 25 Apr 2018 06:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

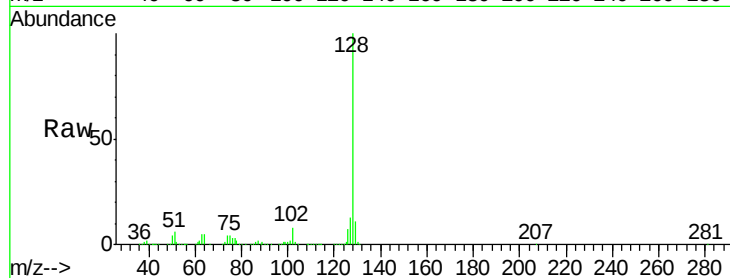
Tgt Ion:128 Resp: 842555

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

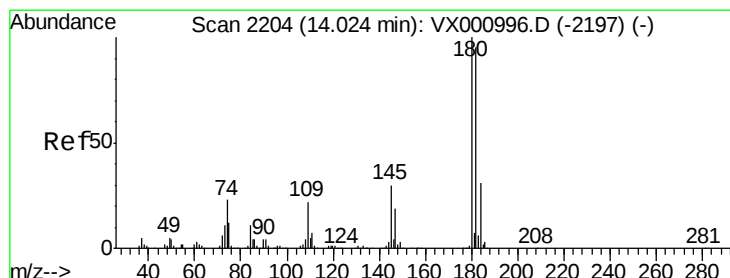
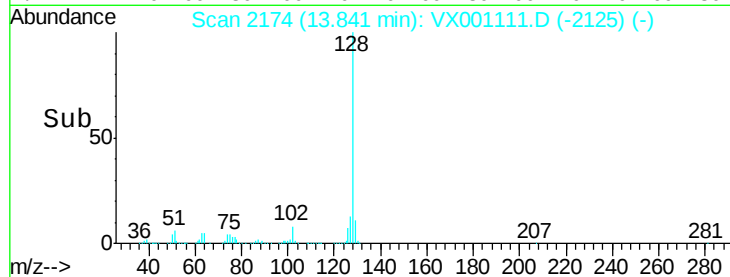
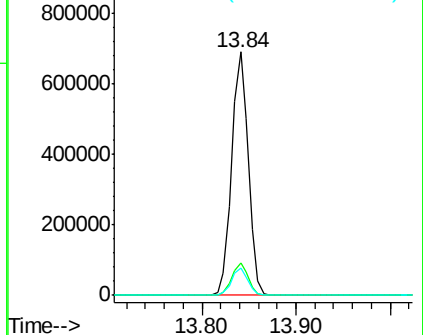
129 10.9 8.7 13.1



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: 48.64 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX001111.D

Acq: 25 Apr 2018 06:49

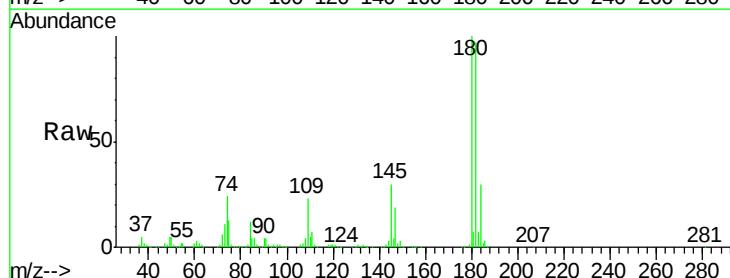
Tgt Ion:180 Resp: 306801

Ion Ratio Lower Upper

180 100

182 96.0 47.9 143.7

145 29.1 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

