

Data File : VX000047.D

Acq On : 09 Feb 2018 16:58

Operator : JC/MD

Sample : VSTDIC075

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 6 Sample Multiplier: 1

Instrument :
ClientSampled :
VSTDIC075

Quant Time: Feb 09 22:33:22 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X020918W.M

Quant Title : SW846 8260

QLast Update : Fri Feb 09 22:29:37 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	152413	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	232280	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	222627	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	125917	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	108550	66.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	133.50%	
35) Dibromofluoromethane	5.52	113	101825	75.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	151.36%	
50) Toluene-d8	8.73	98	359609	71.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	142.30%	
62) 4-Bromofluorobenzene	11.15	95	148442	71.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	143.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	96454	69.62	ug/l	97
3) Chloromethane	1.32	50	99263	69.03	ug/l	98
4) Vinyl Chloride	1.41	62	111860	69.15	ug/l	100
5) Bromomethane	1.64	94	59111	47.89	ug/l	100
6) Chloroethane	1.71	64	67269	70.35	ug/l	100
7) Trichlorofluoromethane	1.92	101	195678	69.87	ug/l	100
8) Diethyl Ether	2.20	74	69186	70.94	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	110047	70.50	ug/l	99
10) Methyl Iodide	2.51	142	146232	80.37	ug/l	99
11) Tert butyl alcohol	3.10	59	244916	347.37	ug/l	99
12) 1,1-Dichloroethene	2.37	96	102787	68.11	ug/l	96
13) Acrolein	2.30	56	124912	290.29	ug/l	99
14) Allyl chloride	2.73	41	177377	67.39	ug/l	99
15) Acrylonitrile	3.17	53	401219	352.24	ug/l	99
16) Acetone	2.46	43	336500	254.33	ug/l	98
17) Carbon Disulfide	2.57	76	308147	72.07	ug/l	100
18) Methyl Acetate	2.79	43	178416	69.55	ug/l	99
19) Methyl tert-butyl Ether	3.22	73	362566	71.83	ug/l	99
20) Methylene Chloride	2.86	84	109789	68.76	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	112960	70.45	ug/l	98
22) Diisopropyl ether	3.89	45	300887	64.96	ug/l	99
23) Vinyl Acetate	3.84	43	1394981	348.67	ug/l	99
24) 1,1-Dichloroethane	3.70	63	185350	67.95	ug/l	98
25) 2-Butanone	4.73	43	522674	320.05	ug/l	99
26) 2,2-Dichloropropane	4.59	77	164385	71.05	ug/l	100
27) cis-1,2-Dichloroethene	4.61	96	113132	72.32	ug/l	100
28) Bromochloromethane	5.04	49	58154	64.30	ug/l	98
29) Tetrahydrofuran	5.19	42	361681	356.90	ug/l	99
30) Chloroform	5.23	83	192806	73.67	ug/l	100
31) Cyclohexane	5.59	56	155262	72.37	ug/l	99
32) 1,1,1-Trichloroethane	5.51	97	181235	72.28	ug/l	99
36) 1,1-Dichloropropene	5.81	75	144819	75.78	ug/l	99
37) Ethyl Acetate	4.89	43	191766	72.56	ug/l	100
38) Carbon Tetrachloride	5.79	117	170492	84.62	ug/l	97

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Instrument :
ClientSampleId :
VSTDIC075

Quant Time: Feb 09 22:33:22 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X020918W.M

Quant Title : SW846 8260

QLast Update : Fri Feb 09 22:29:37 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	180216	74.04	ug/l	100
40) Benzene	6.15	78	421571	75.21	ug/l	99
41) Methacrylonitrile	5.09	41	97631	70.91	ug/l	98
42) 1,2-Dichloroethane	6.21	62	149278	74.46	ug/l	100
43) Isopropyl Acetate	6.49	43	289377	74.42	ug/l	99
44) Trichloroethene	7.23	130	131625	74.38	ug/l	99
45) 1,2-Dichloropropane	7.52	63	102620	73.48	ug/l	97
46) Dibromomethane	7.67	93	80365	73.92	ug/l	98
47) Bromodichloromethane	7.91	83	155817	76.69	ug/l	98
48) Methyl methacrylate	7.79	41	140691	73.31	ug/l	100
49) 1,4-Dioxane	7.77	88	79974	1450.19	ug/l	100
51) 4-Methyl-2-Pentanone	8.66	43	1058612	381.07	ug/l	99
52) Toluene	8.79	92	287196	76.44	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	184633	77.89	ug/l	98
54) cis-1,3-Dichloropropene	9.06	75	184709	79.91	ug/l	96
55) 1,1,2-Trichloroethane	9.23	97	118406	75.26	ug/l	98
56) Ethyl methacrylate	9.20	69	191597	78.36	ug/l	99
57) 1,3-Dichloropropane	9.38	76	187166	74.98	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.33	63	448511	412.26	ug/l	100
59) 2-Hexanone	9.51	43	867406	364.83	ug/l	100
60) Dibromochloromethane	9.59	129	144875	81.55	ug/l	99
61) 1,2-Dibromoethane	9.68	107	135176	77.97	ug/l	98
64) Tetrachloroethene	9.34	164	125055	74.03	ug/l	97
65) Chlorobenzene	10.15	112	340559	75.61	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	127707	77.74	ug/l	99
67) Ethyl Benzene	10.26	91	565725	75.08	ug/l	99
68) m/p-Xylenes	10.37	106	453368	152.04	ug/l	100
69) o-Xylene	10.71	106	221715	76.52	ug/l	99
70) Styrene	10.72	104	375741	78.05	ug/l	100
71) Bromoform	10.87	173	128421	82.99	ug/l	99
73) Isopropylbenzene	11.03	105	593483	76.48	ug/l	100
74) N-amyl acetate	6.49	43	289377	74.62	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.28	83	203090	76.49	ug/l	99
76) 1,2,3-Trichloropropane	11.31	75	259627	107.93	ug/l	78
77) Bromobenzene	11.26	156	163140	78.90	ug/l	100
78) n-propylbenzene	11.37	91	688308	76.40	ug/l	100
79) 2-Chlorotoluene	11.43	91	396094	77.38	ug/l	99
80) 1,3,5-Trimethylbenzene	11.52	105	500203	76.51	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	77019	88.65	ug/l	98
82) 4-Chlorotoluene	11.52	91	475194	76.63	ug/l	100
83) tert-Butylbenzene	11.78	119	502178	76.04	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	514669	76.40	ug/l	98
85) sec-Butylbenzene	11.96	105	615609	75.90	ug/l	100
86) p-Isopropyltoluene	12.07	119	554643	75.88	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	302395	75.35	ug/l	100
88) 1,4-Dichlorobenzene	12.11	146	306420	75.22	ug/l	100
89) n-Butylbenzene	12.40	91	513467	75.21	ug/l	100
90) Hexachloroethane	12.60	117	98476	83.74	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	292355	74.68	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	57163	73.23	ug/l	98

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX020918\
Quantitation Report (Not Reviewed)

Data File : VX000047.D
Acq On : 09 Feb 2018 16:58
Operator : JC/MD
Sample : VSTDICC075
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ClientSampleId :
VSTDICC075

Quant Time: Feb 09 22:33:22 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X020918W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 09 22:29:37 2018
Response via : Initial Calibration

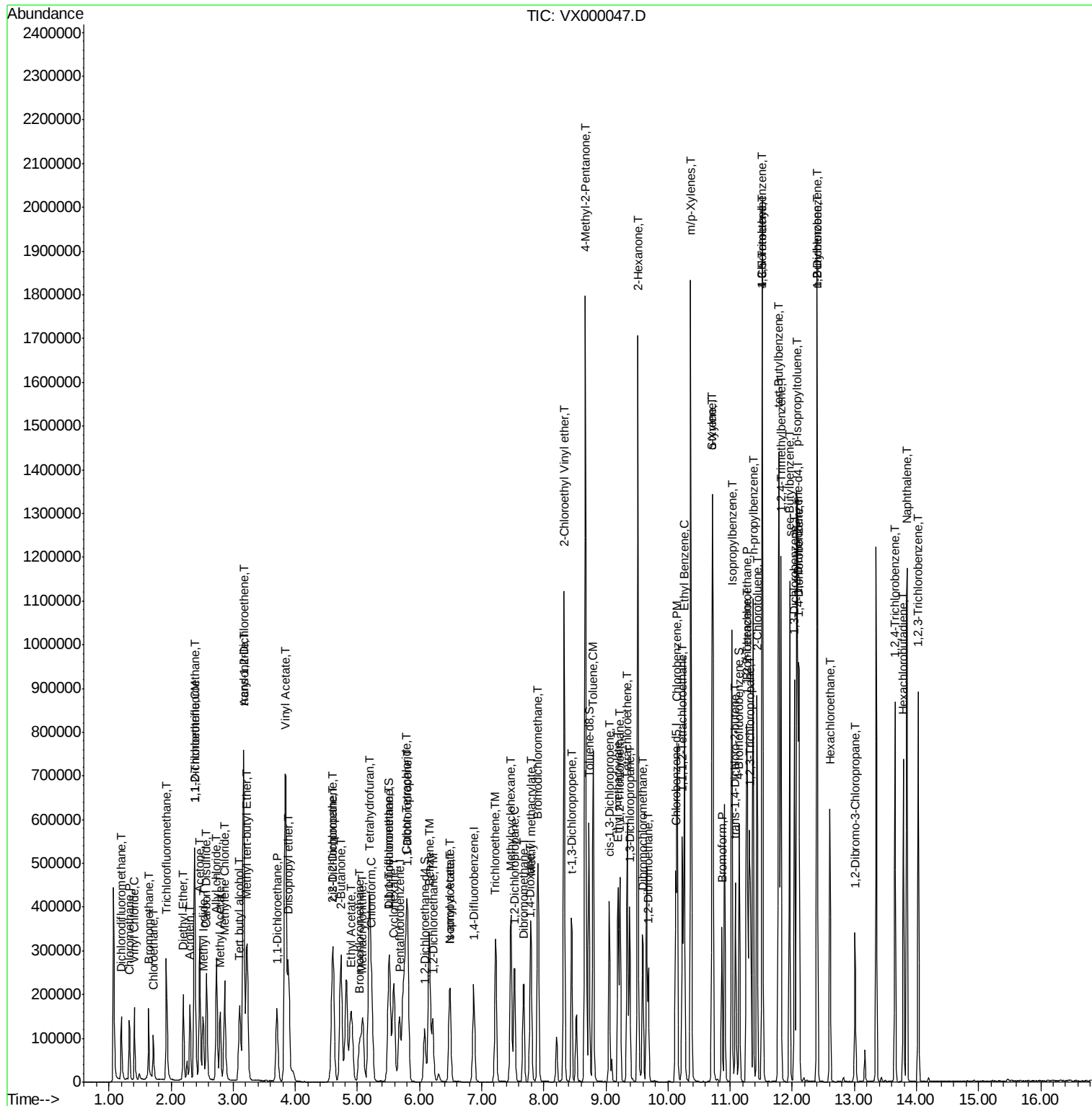
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.66	180	224028	74.14	ug/l	99
94) Hexachlorobutadiene	13.79	225	108481	78.42	ug/l	99
95) Naphthalene	13.85	128	741975	73.10	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	220036	74.33	ug/l	99

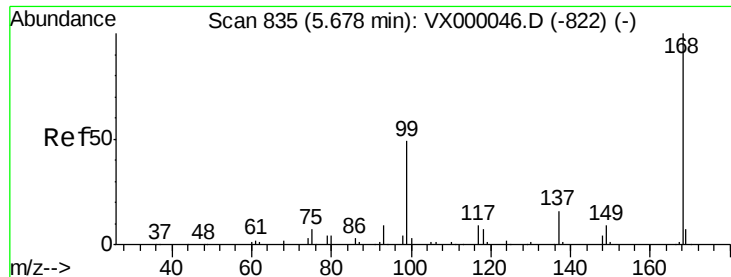
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial      : 6      Sample Multiplier: 1
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ClientSampleId :
VSTDICC075

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000047.D

Acq: 09 Feb 2018 16:58

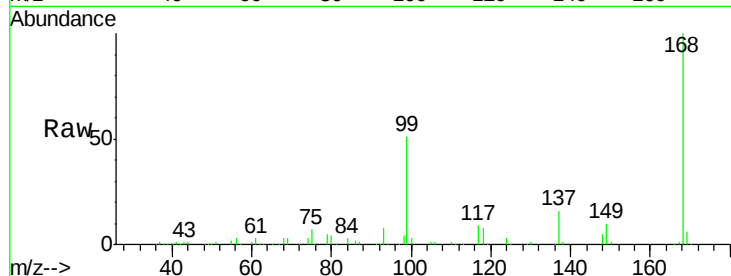
Instrument :
ClientSampleId :
VSTDIC075

Tgt Ion:168 Resp: 152413

Ion Ratio Lower Upper

168 100

99 50.7 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

60000

50000

40000

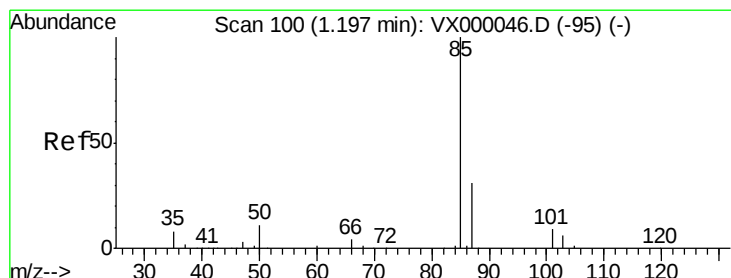
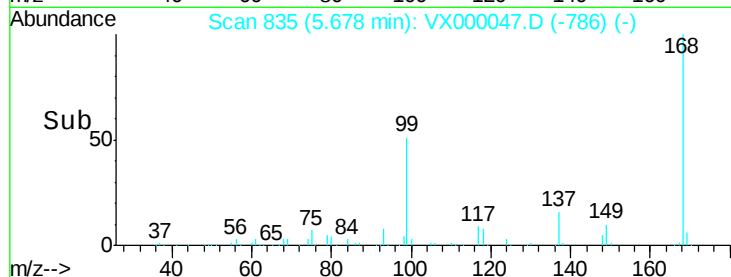
30000

20000

10000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 69.62 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000047.D

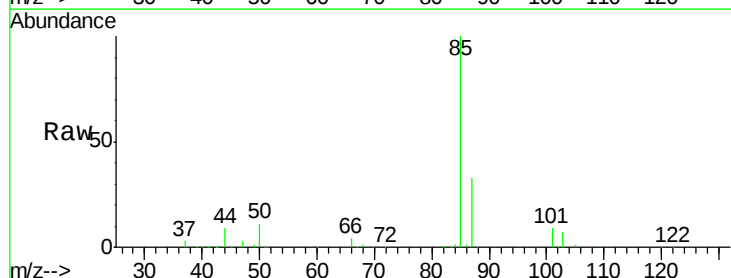
Acq: 09 Feb 2018 16:58

Tgt Ion: 85 Resp: 96454

Ion Ratio Lower Upper

85 100

87 33.2 15.7 47.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

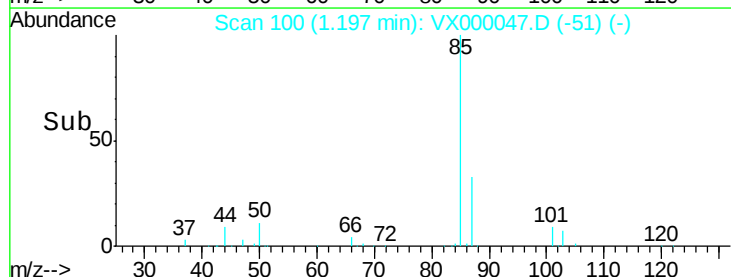
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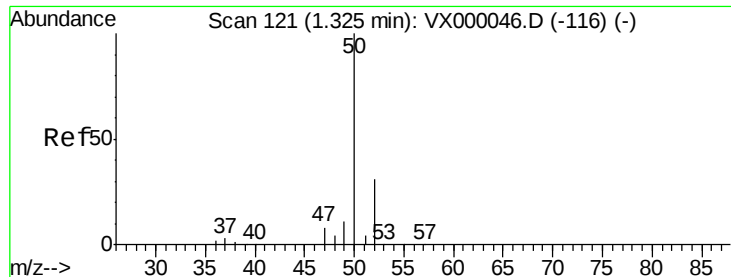
40000

20000

0

Time-->





#3

Chloromethane

Concen: 69.03 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000047.D

Acq: 09 Feb 2018 16:58

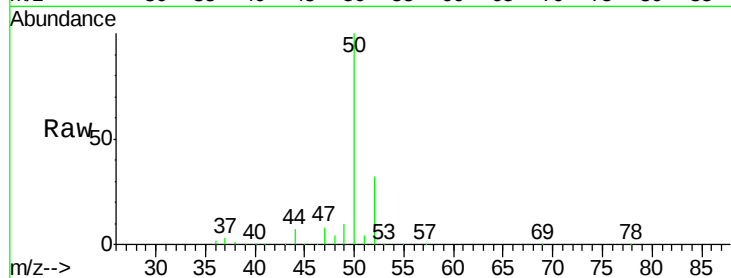
Instrument :
ClientSampled :
VSTDIC075

Tgt Ion: 50 Resp: 99263

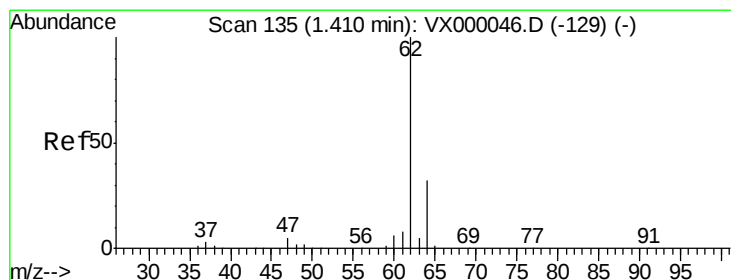
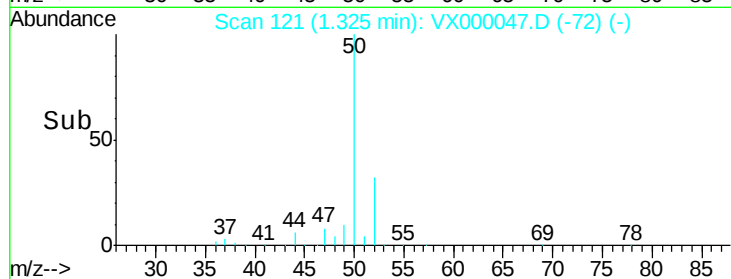
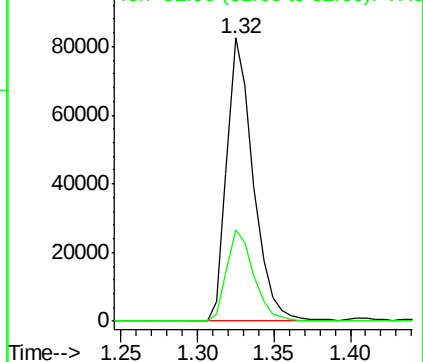
Ion Ratio Lower Upper

50 100

52 32.5 25.0 37.6



Abundance Ion 49.90 (49.60 to 50.60): VX0
Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 69.15 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX000047.D

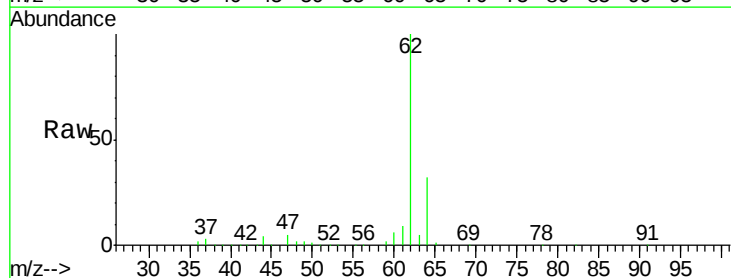
Acq: 09 Feb 2018 16:58

Tgt Ion: 62 Resp: 111860

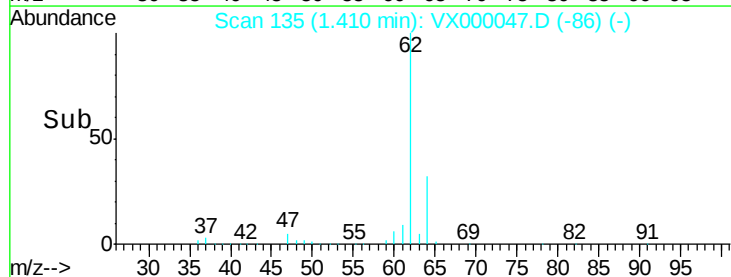
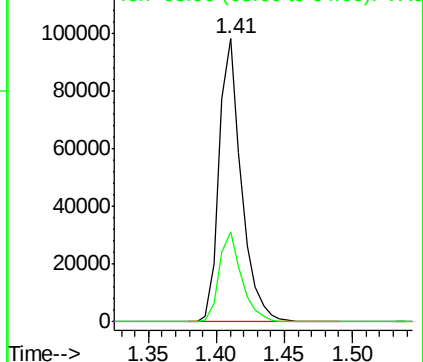
Ion Ratio Lower Upper

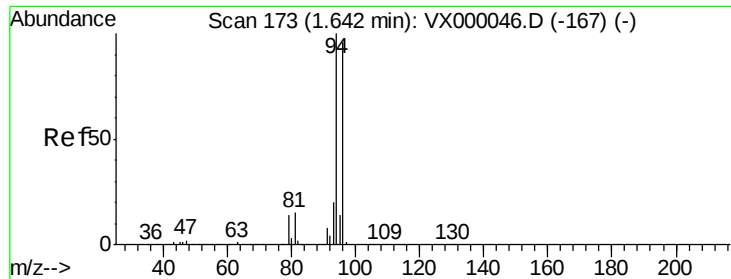
62 100

64 31.8 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 47.89 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.01 min

Lab File: VX000047.D

Acq: 09 Feb 2018 16:58

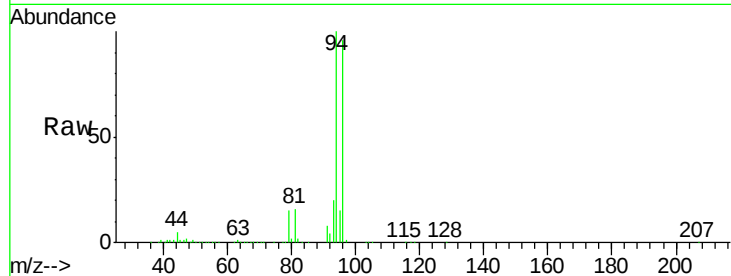
Instrument :
ClientSampled :
VSTDIC075

Tgt Ion: 94 Resp: 59111

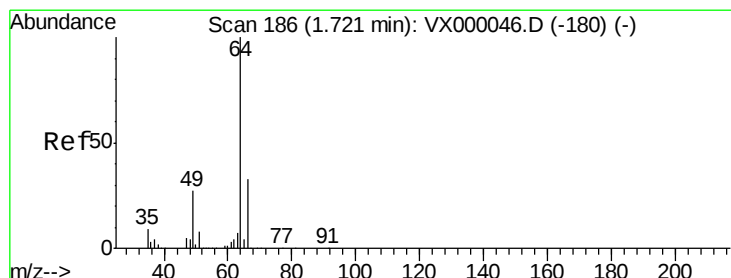
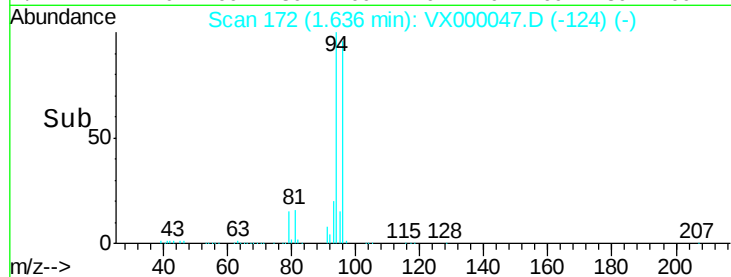
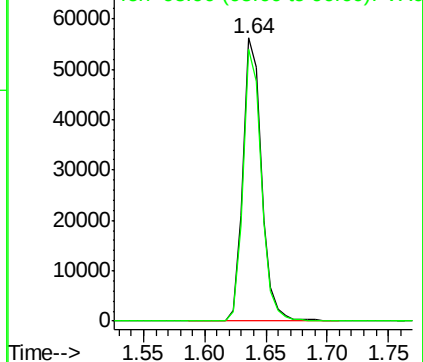
Ion Ratio Lower Upper

94 100

96 96.0 76.7 115.1



Abundance Ion 93.90 (93.60 to 94.60): VX0
Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 70.35 ug/l

RT: 1.71 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX000047.D

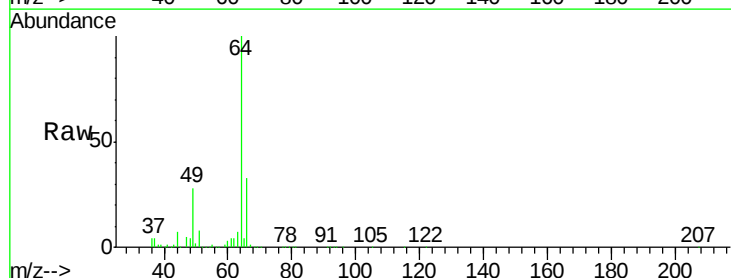
Acq: 09 Feb 2018 16:58

Tgt Ion: 64 Resp: 67269

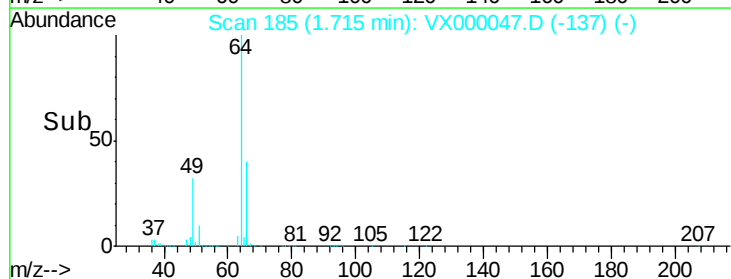
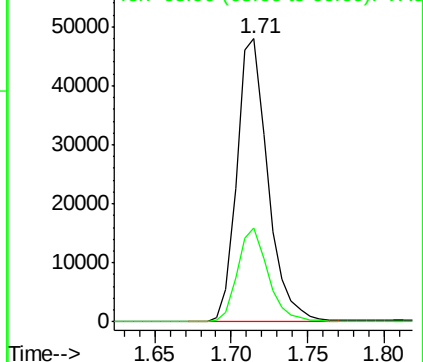
Ion Ratio Lower Upper

64 100

66 33.0 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VX0
Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 69.87 ug/l

RT: 1.92 min Scan# 219

Delta R.T. -0.01 min

Lab File: VX000047.D

Acq: 09 Feb 2018 16:58

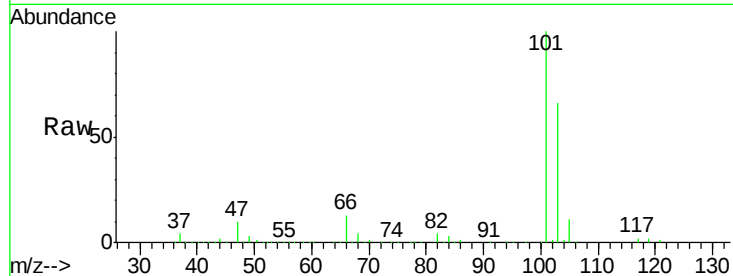
Instrument :
ClientSampleId :
VSTDIC075

Tgt Ion:101 Resp: 195678

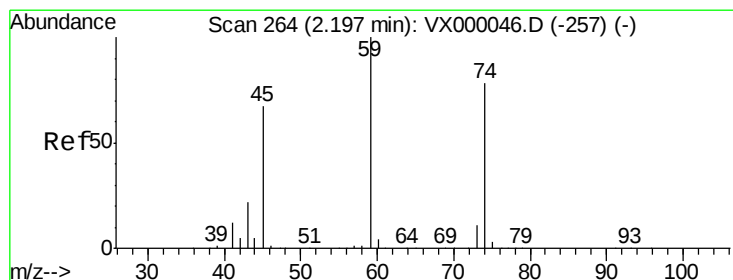
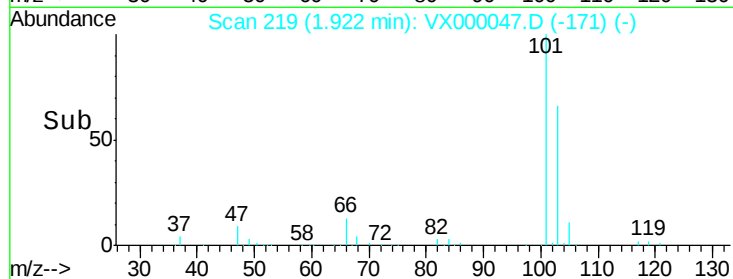
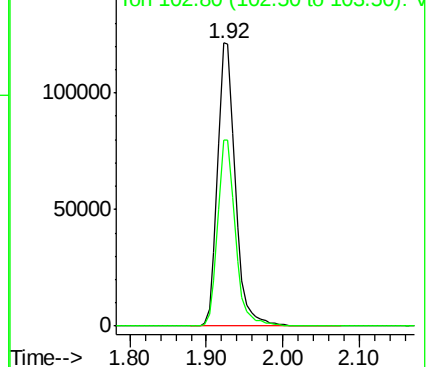
Ion Ratio Lower Upper

101 100

103 65.7 52.3 78.5



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



#8

Diethyl Ether

Concen: 70.94 ug/l

RT: 2.20 min Scan# 264

Delta R.T. -0.00 min

Lab File: VX000047.D

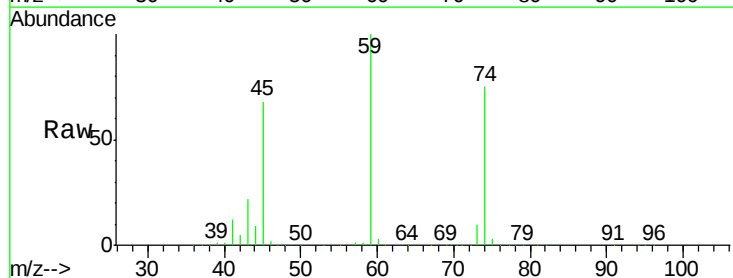
Acq: 09 Feb 2018 16:58

Tgt Ion: 74 Resp: 69186

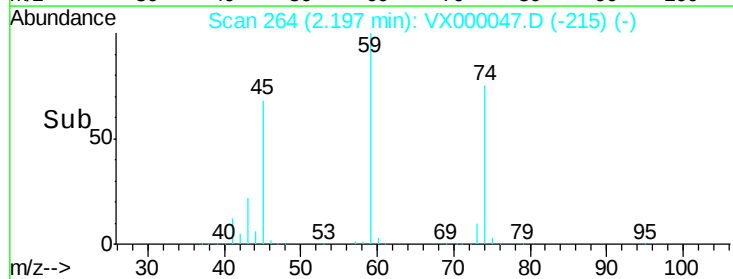
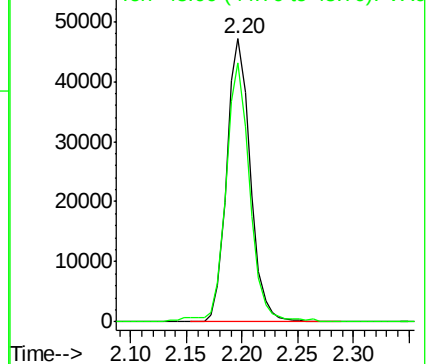
Ion Ratio Lower Upper

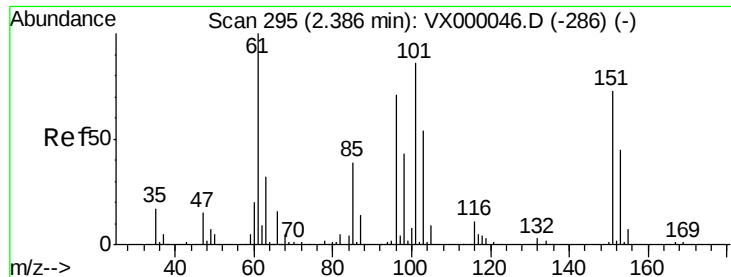
74 100

45 92.2 44.3 132.8



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: 70.50 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX000047.D

Acq: 09 Feb 2018 16:58

Instrument :

ClientSampled :

VSTDIC075

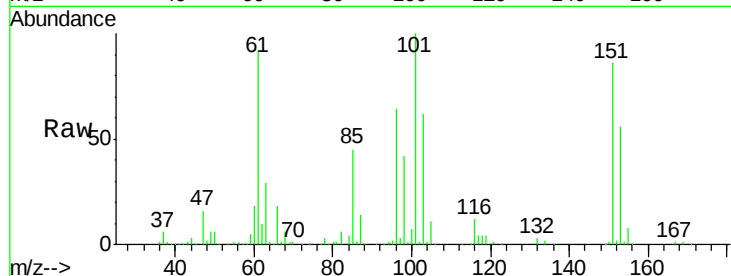
Tgt Ion:101 Resp: 110047

Ion Ratio Lower Upper

101 100

85 44.9 36.6 54.8

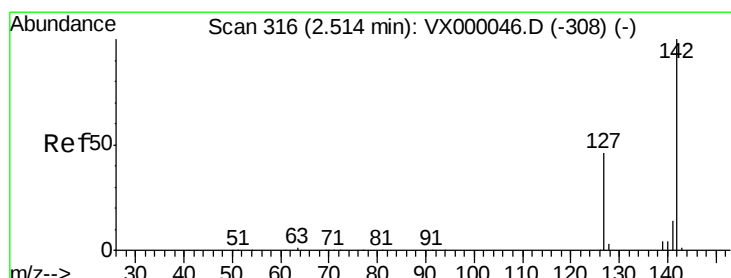
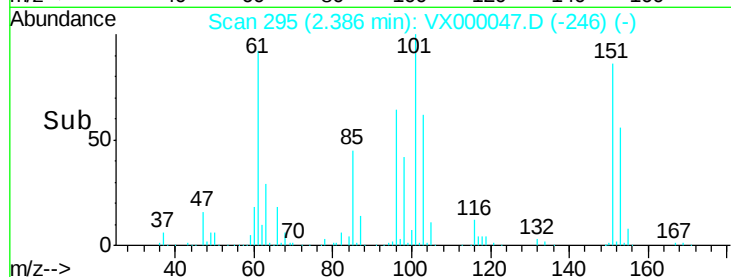
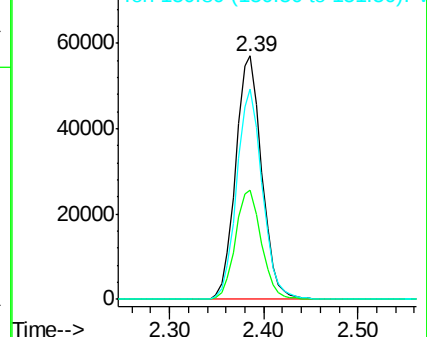
151 84.9 68.8 103.2



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: 80.37 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX000047.D

Acq: 09 Feb 2018 16:58

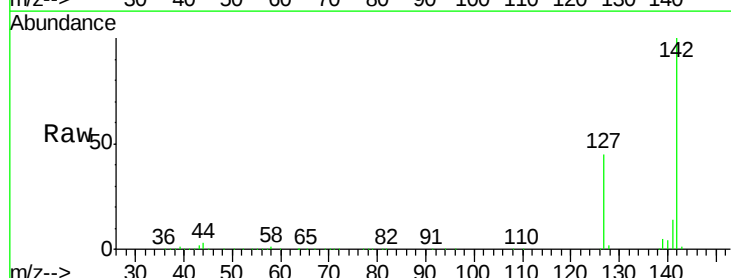
Tgt Ion:142 Resp: 146232

Ion Ratio Lower Upper

142 100

127 46.7 36.8 55.2

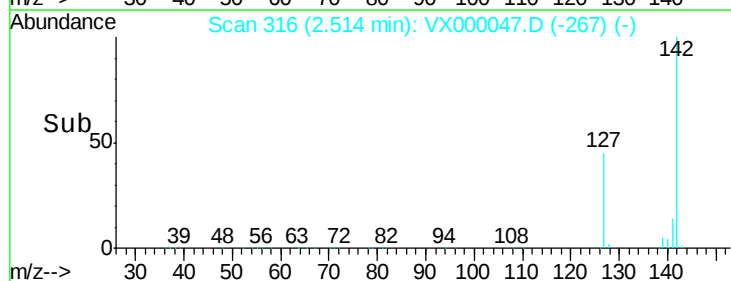
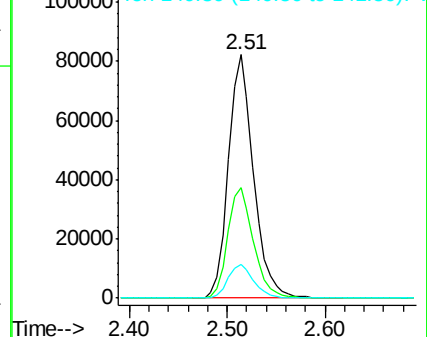
141 14.1 11.4 17.0

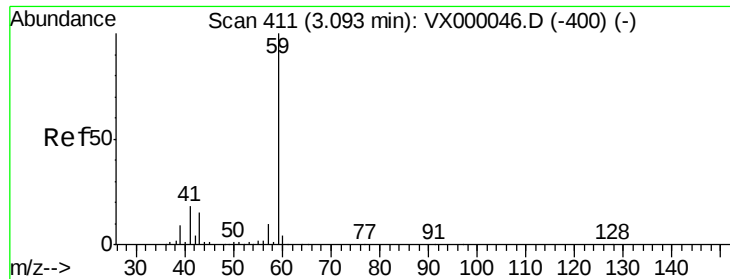


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

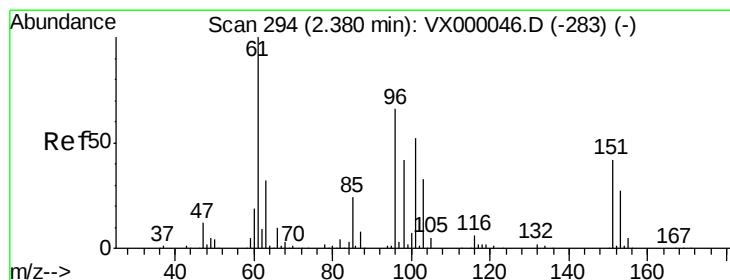
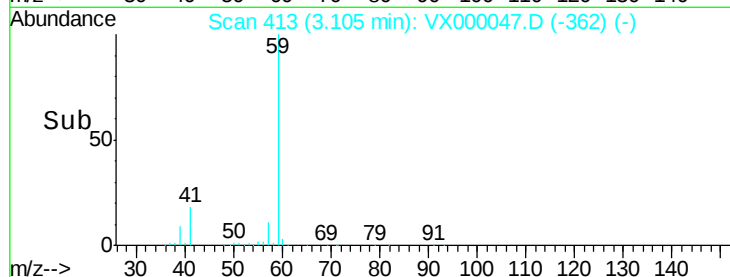
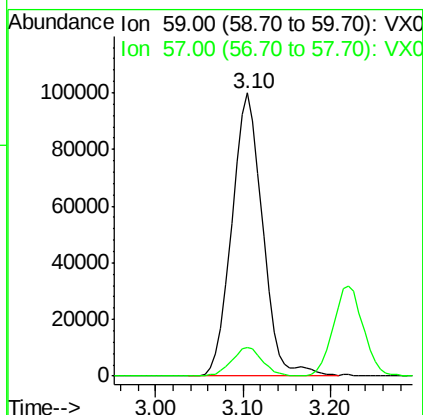
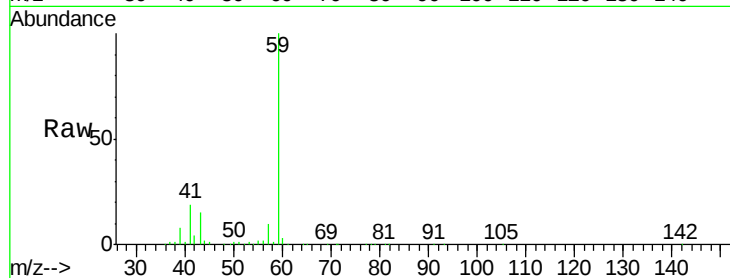




#11
Tert butyl alcohol
Concen: 347.37 ug/l
RT: 3.10 min Scan# 413
Delta R.T. 0.01 min
Lab File: VX000047.D
Acq: 09 Feb 2018 16:58

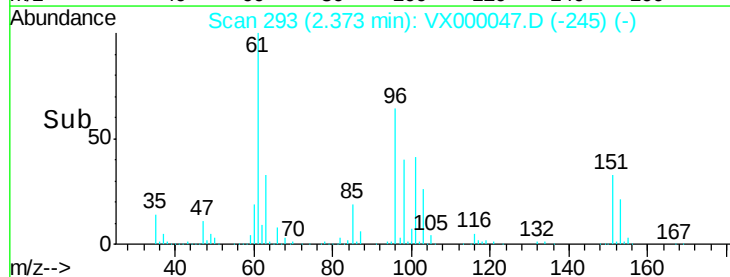
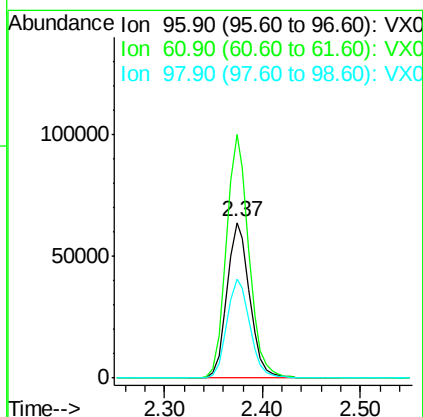
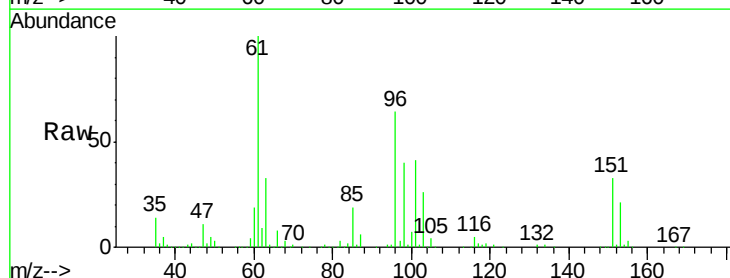
Instrument :
ClientSampleId :
VSTDIC075

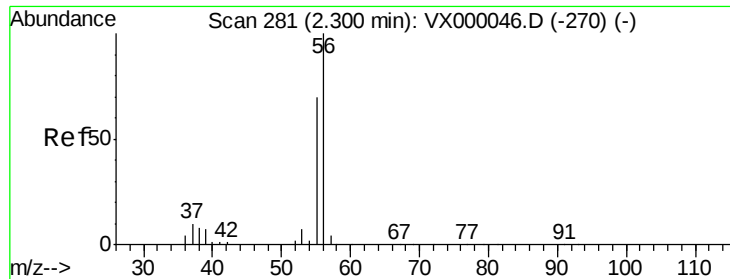
Tgt Ion: 59 Resp: 244916
Ion Ratio Lower Upper
59 100
57 10.1 8.4 12.6



#12
1,1-Dichloroethene
Concen: 68.11 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.01 min
Lab File: VX000047.D
Acq: 09 Feb 2018 16:58

Tgt Ion: 96 Resp: 102787
Ion Ratio Lower Upper
96 100
61 156.6 120.3 180.5
98 63.3 51.0 76.4





#13

Acrolein

Concen: 290.29 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX000047.D

Acq: 09 Feb 2018 16:58

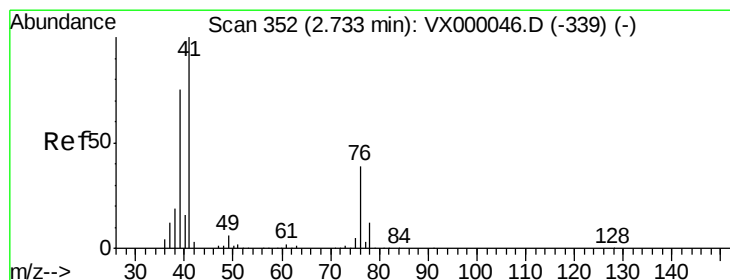
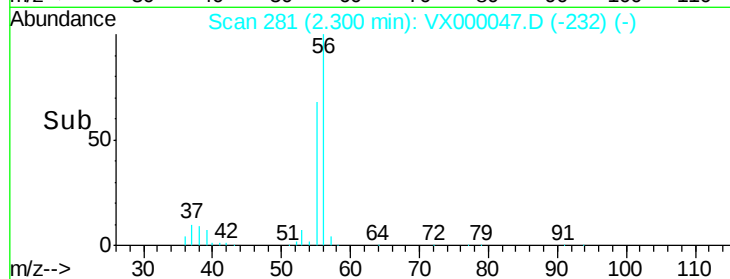
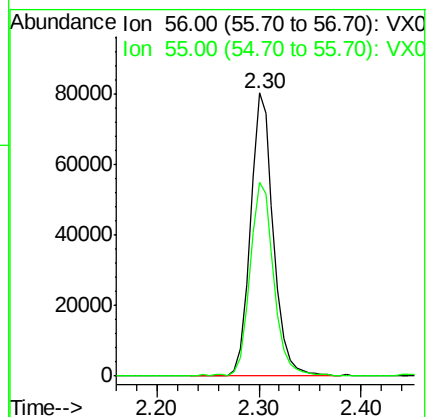
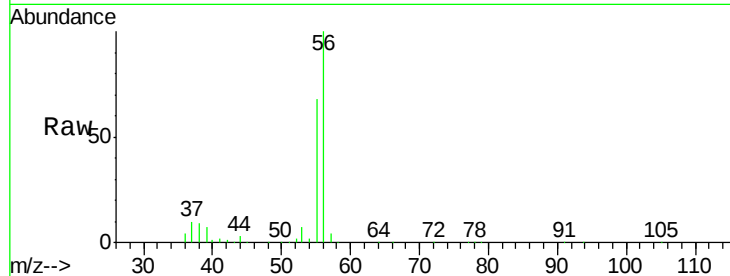
Instrument :
ClientSampleId :
VSTDIC075

Tgt Ion: 56 Resp: 124912

Ion Ratio Lower Upper

56 100

55 71.3 56.4 84.6



#14

Allyl chloride

Concen: 67.39 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000047.D

Acq: 09 Feb 2018 16:58

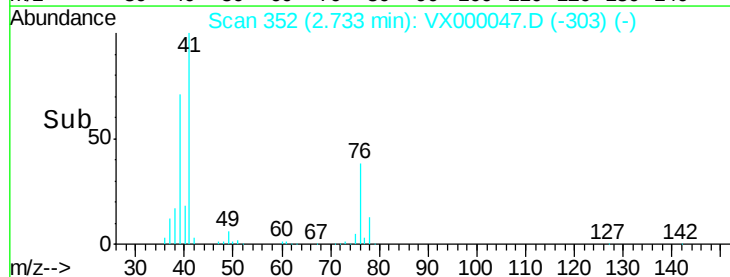
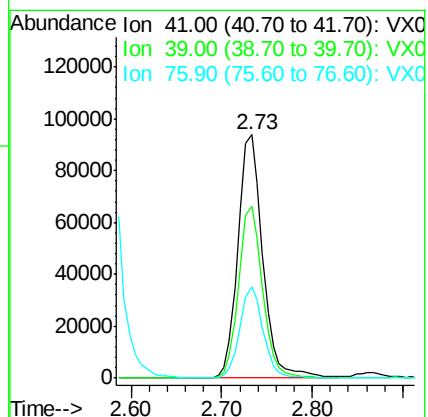
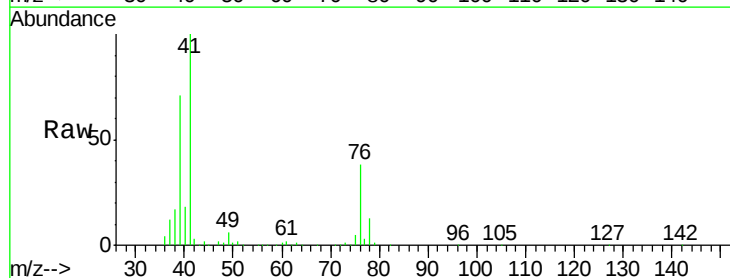
Tgt Ion: 41 Resp: 177377

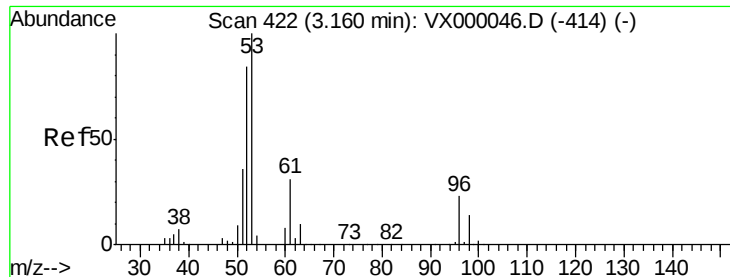
Ion Ratio Lower Upper

41 100

39 68.3 55.8 83.6

76 35.3 28.7 43.1





#15

Acrylonitrile

Concen: 352.24 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.01 min

Lab File: VX000047.D

Acq: 09 Feb 2018 16:58

Instrument :
ClientSampled :
VSTDIC075

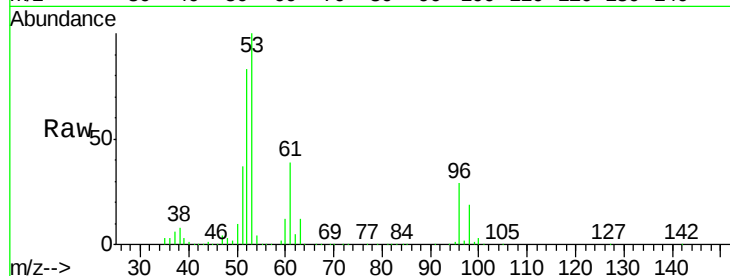
Tgt Ion: 53 Resp: 401219

Ion Ratio Lower Upper

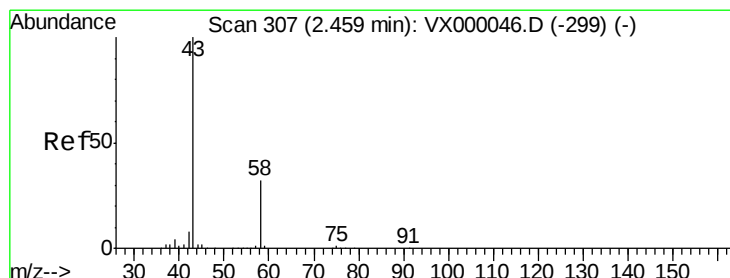
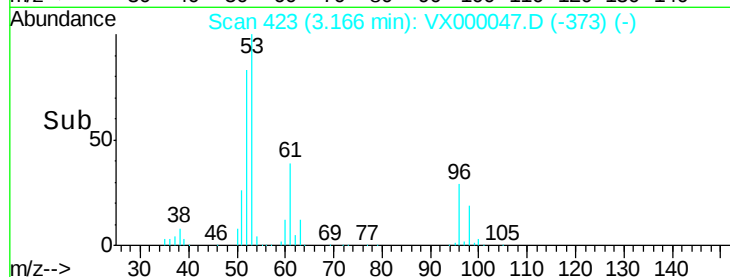
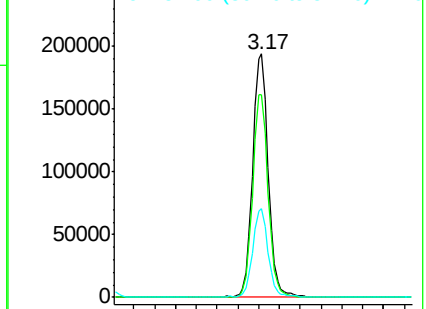
53 100

52 82.2 66.5 99.7

51 36.1 29.1 43.7



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: 254.33 ug/l

RT: 2.46 min Scan# 307

Delta R.T. -0.00 min

Lab File: VX000047.D

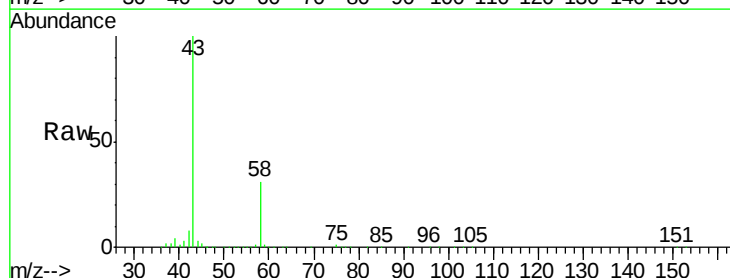
Acq: 09 Feb 2018 16:58

Tgt Ion: 43 Resp: 336500

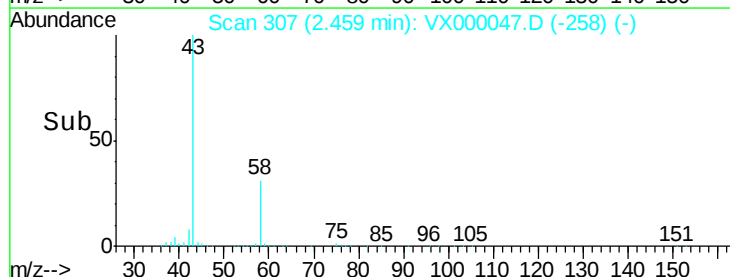
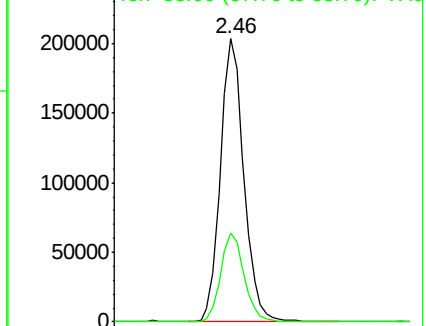
Ion Ratio Lower Upper

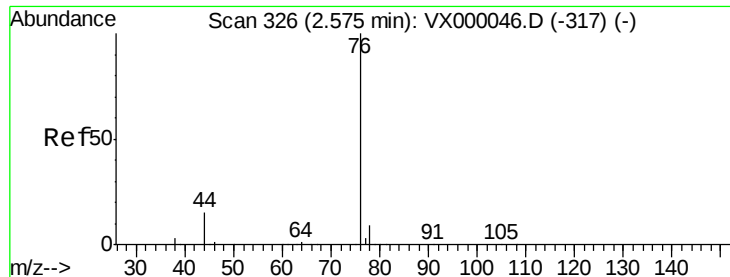
43 100

58 31.3 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

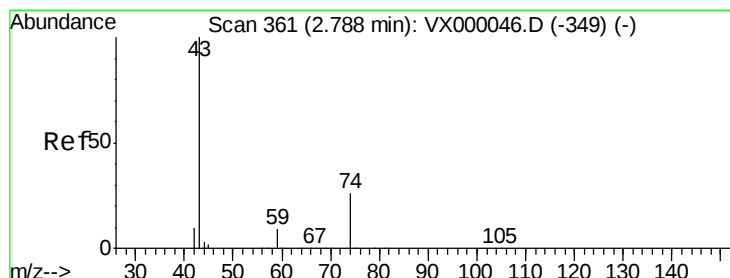
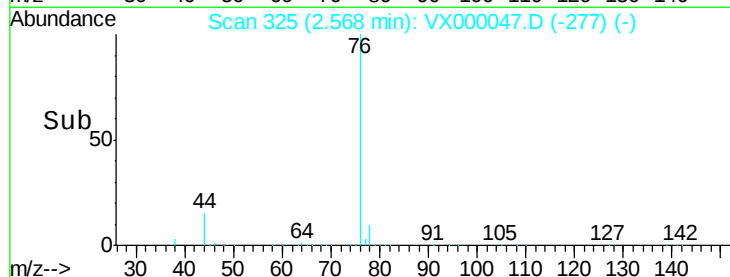
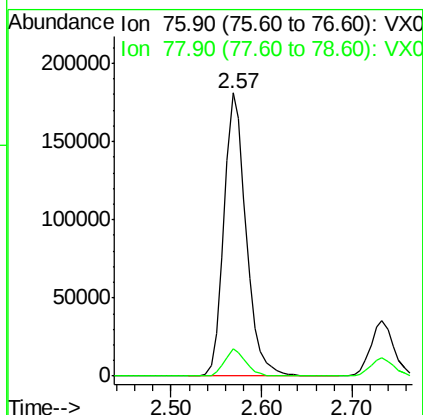
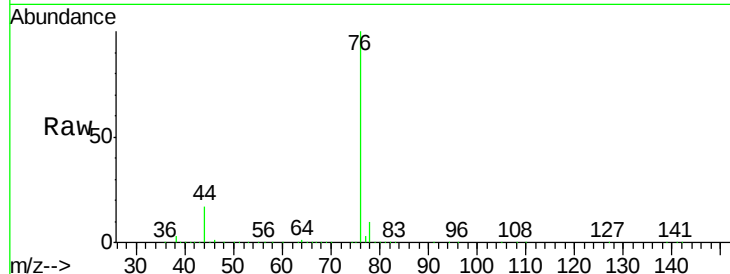




#17
Carbon Disulfide
Concen: 72.07 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.01 min
Lab File: VX000047.D
Acq: 09 Feb 2018 16:58

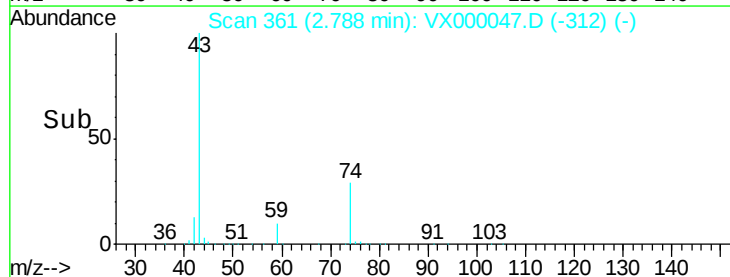
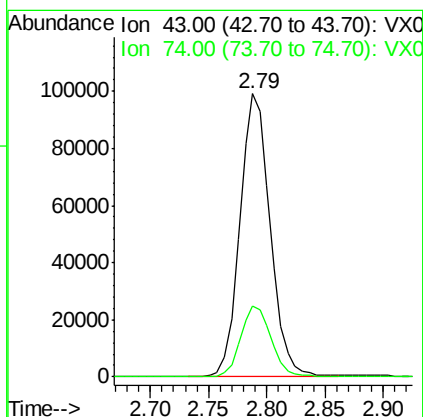
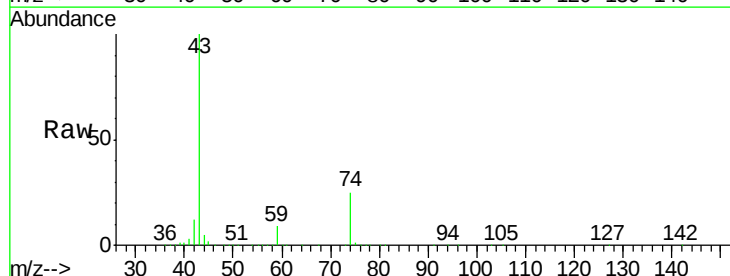
Instrument :
ClientSampled :
VSTDIC075

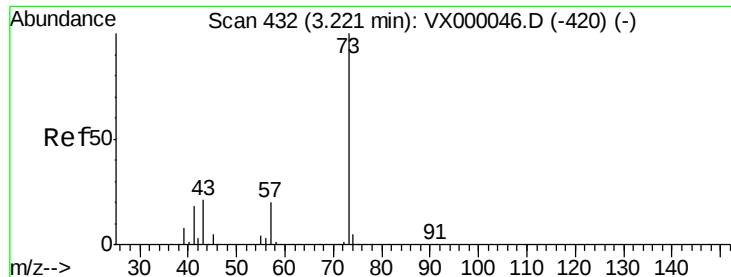
Tgt Ion: 76 Resp: 308147
Ion Ratio Lower Upper
76 100
78 9.6 7.5 11.3



#18
Methyl Acetate
Concen: 69.55 ug/l
RT: 2.79 min Scan# 361
Delta R.T. -0.00 min
Lab File: VX000047.D
Acq: 09 Feb 2018 16:58

Tgt Ion: 43 Resp: 178416
Ion Ratio Lower Upper
43 100
74 25.6 20.2 30.4





#19

Methyl tert-butyl Ether

Concen: 71.83 ug/l

RT: 3.22 min Scan# 432

Delta R.T. -0.00 min

Lab File: VX000047.D

Acq: 09 Feb 2018 16:58

Instrument :

ClientSampleId :

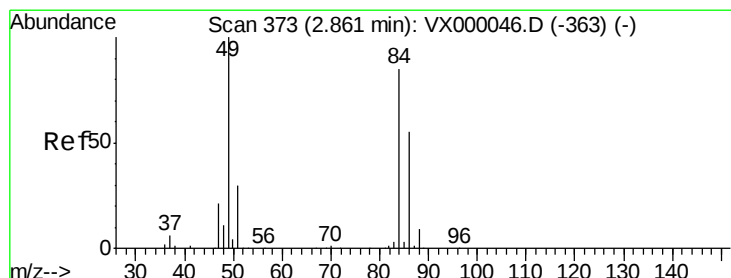
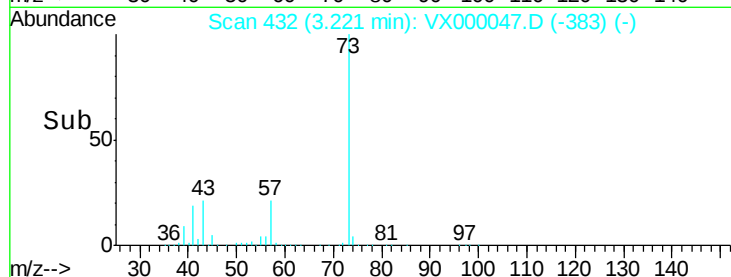
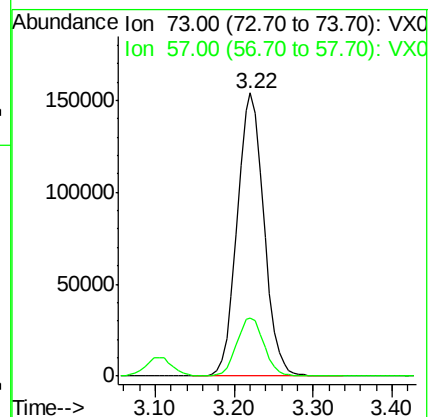
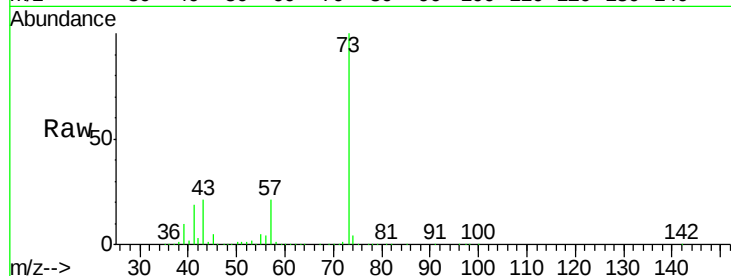
VSTDIC075

Tgt Ion: 73 Resp: 362566

Ion Ratio Lower Upper

73 100

57 20.7 16.2 24.4



#20

Methylene Chloride

Concen: 68.76 ug/l

RT: 2.86 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX000047.D

Acq: 09 Feb 2018 16:58

Tgt Ion: 84 Resp: 109789

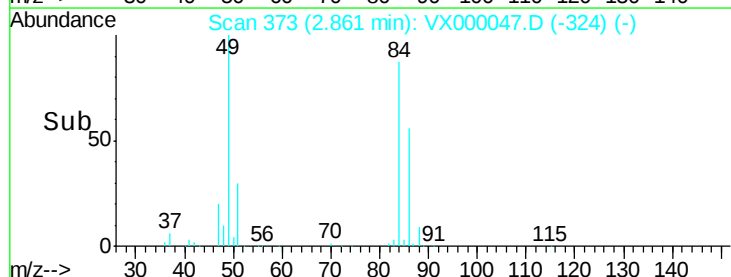
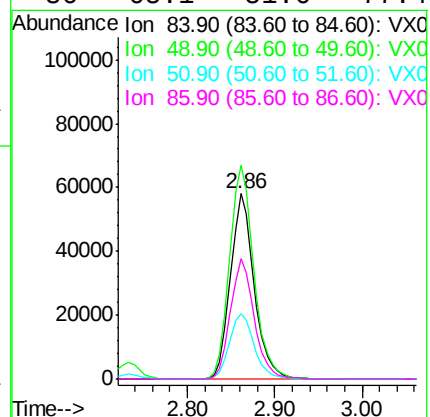
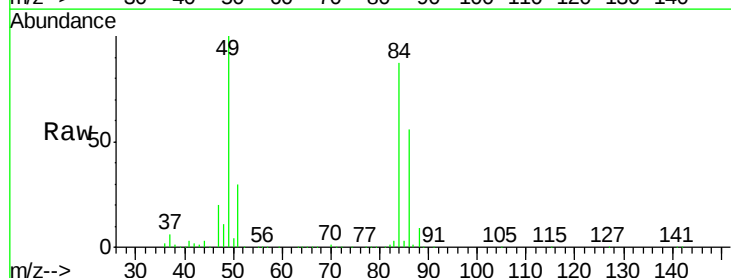
Ion Ratio Lower Upper

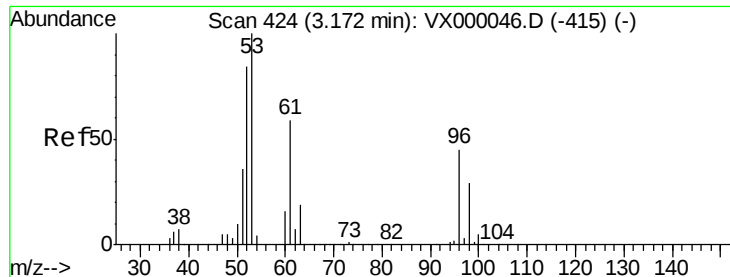
84 100

49 115.5 94.4 141.6

51 35.1 28.3 42.5

86 65.1 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 70.45 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX000047.D

Acq: 09 Feb 2018 16:58

Instrument :

ClientSampled :

VSTDIC075

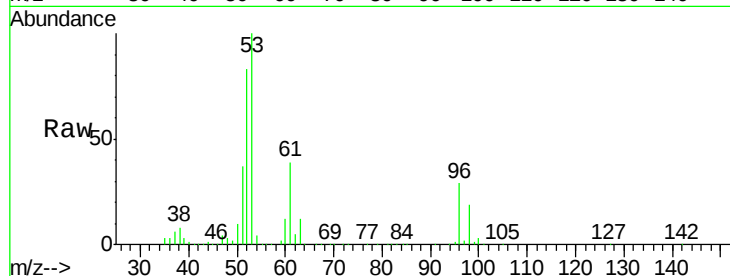
Tgt Ion: 96 Resp: 112960

Ion Ratio Lower Upper

96 100

61 133.5 104.9 157.3

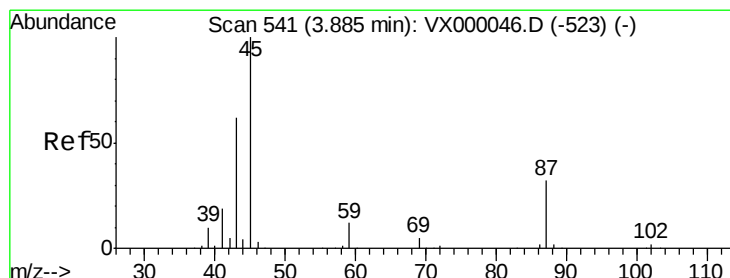
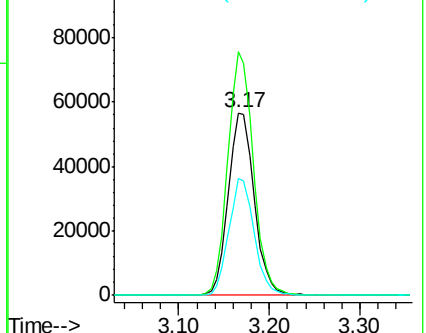
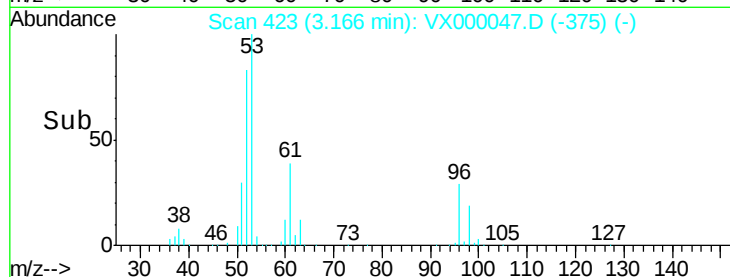
98 64.3 52.4 78.6



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: 64.96 ug/l

RT: 3.89 min Scan# 541

Delta R.T. -0.00 min

Lab File: VX000047.D

Acq: 09 Feb 2018 16:58

Tgt Ion: 45 Resp: 300887

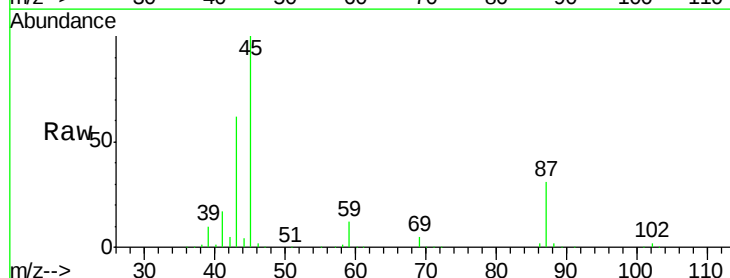
Ion Ratio Lower Upper

45 100

43 61.5 49.6 74.4

87 31.4 25.9 38.9

59 11.8 9.2 13.8

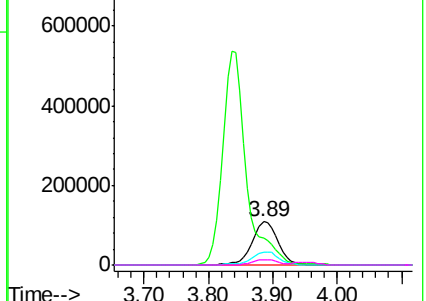
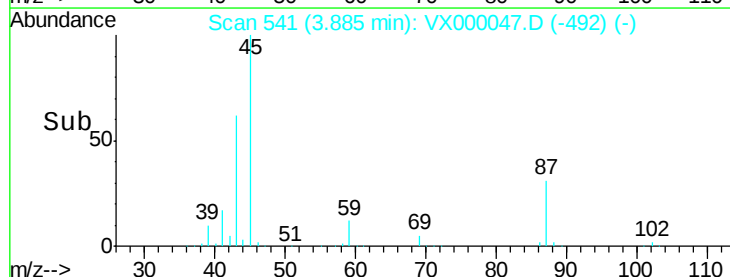


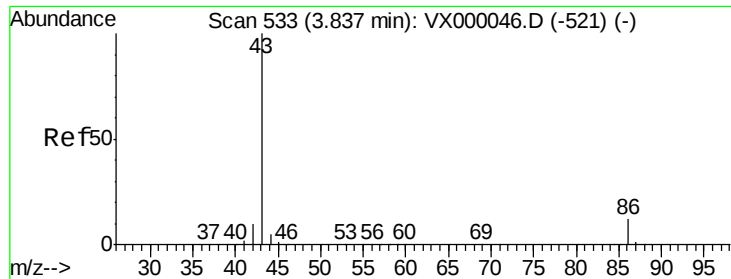
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

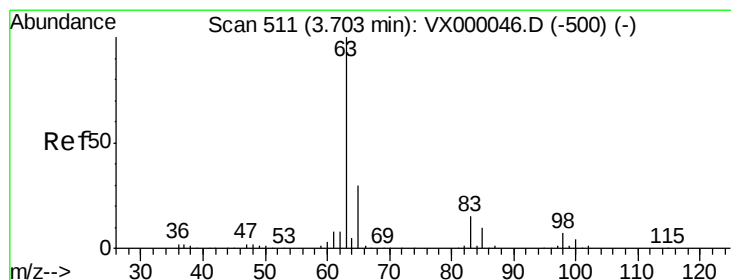
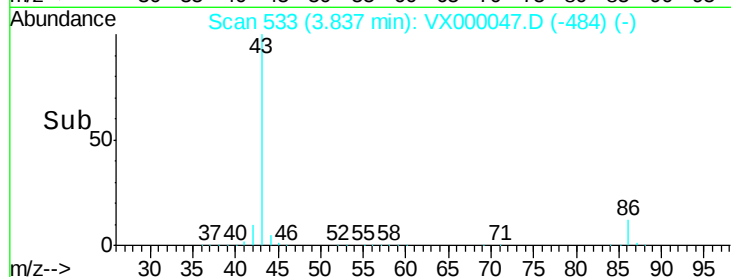
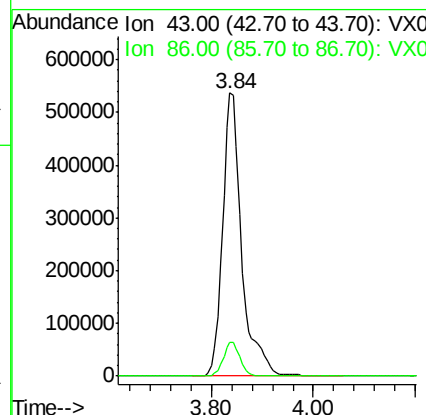
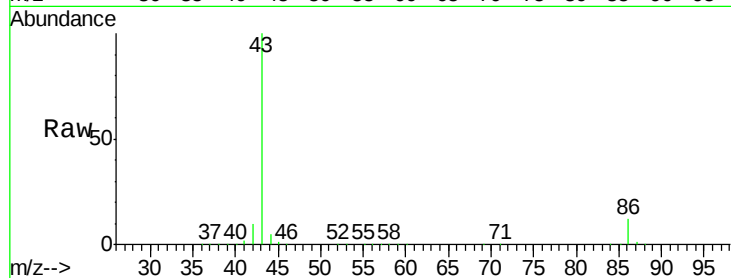




#23
 Vinyl Acetate
 Concen: 348.67 ug/l
 RT: 3.84 min Scan# 533
 Delta R.T. -0.00 min
 Lab File: VX000047.D
 Acq: 09 Feb 2018 16:58

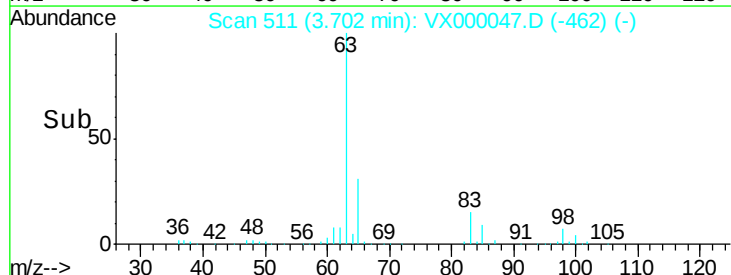
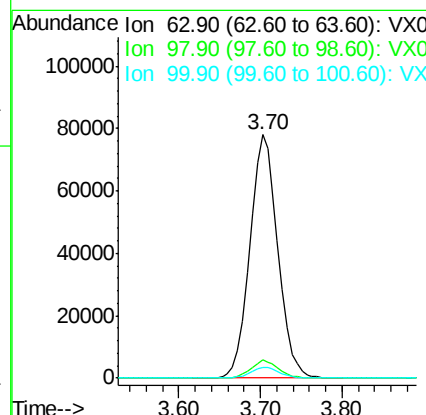
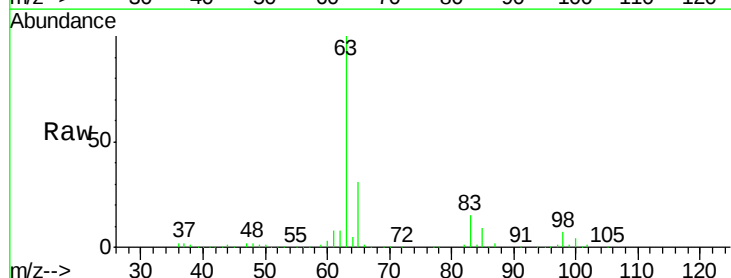
Instrument :
 ClientSampled :
 VSTDIC075

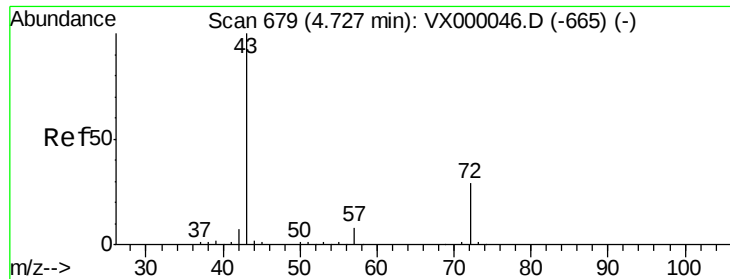
Tgt Ion: 43 Resp: 1394981
 Ion Ratio Lower Upper
 43 100
 86 11.9 9.3 13.9



#24
 1,1-Dichloroethane
 Concen: 67.95 ug/l
 RT: 3.70 min Scan# 511
 Delta R.T. -0.00 min
 Lab File: VX000047.D
 Acq: 09 Feb 2018 16:58

Tgt Ion: 63 Resp: 185350
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.3 9.9
 100 4.5 2.1 6.2





#25

2-Butanone

Concen: 320.05 ug/l

RT: 4.73 min Scan# 680

Delta R.T. 0.01 min

Lab File: VX000047.D

Acq: 09 Feb 2018 16:58

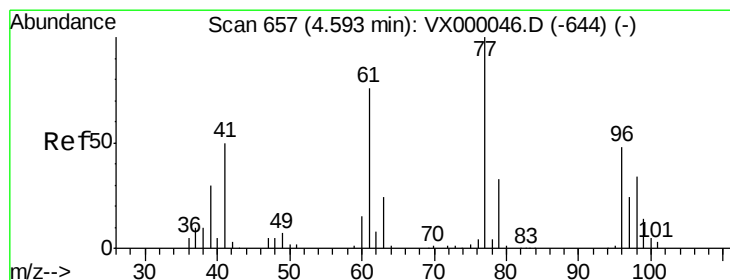
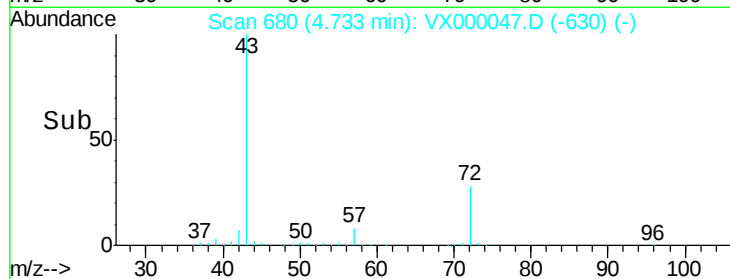
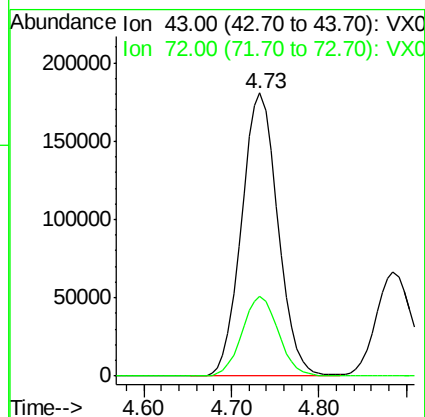
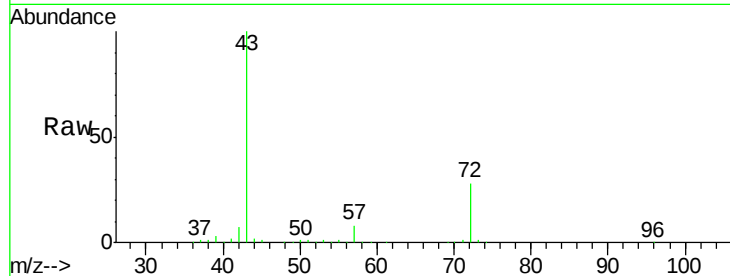
Instrument :
ClientSampleId :
VSTDIC075

Tgt Ion: 43 Resp: 522674

Ion Ratio Lower Upper

43 100

72 28.0 23.0 34.6



#26

2,2-Dichloropropane

Concen: 71.05 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX000047.D

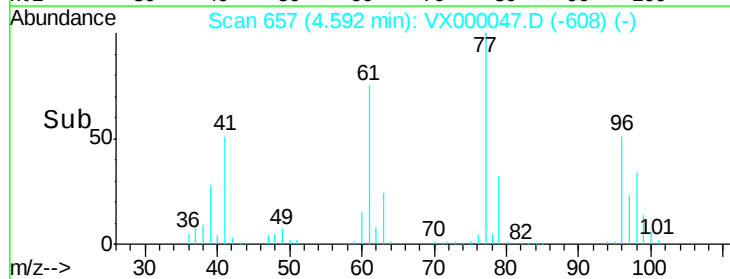
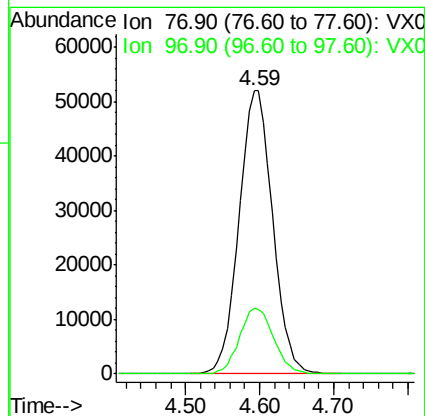
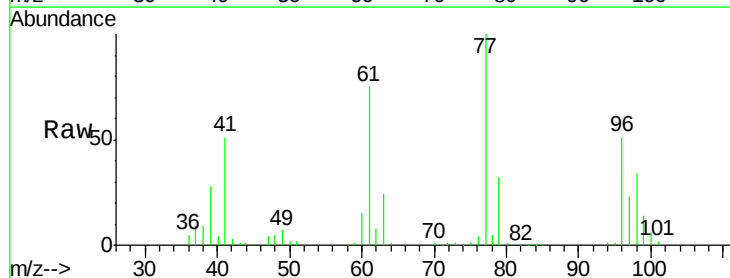
Acq: 09 Feb 2018 16:58

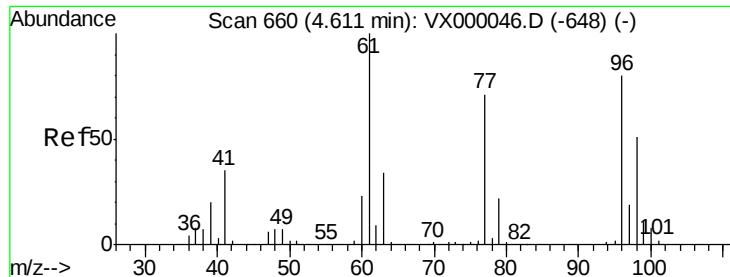
Tgt Ion: 77 Resp: 164385

Ion Ratio Lower Upper

77 100

97 23.6 11.8 35.4



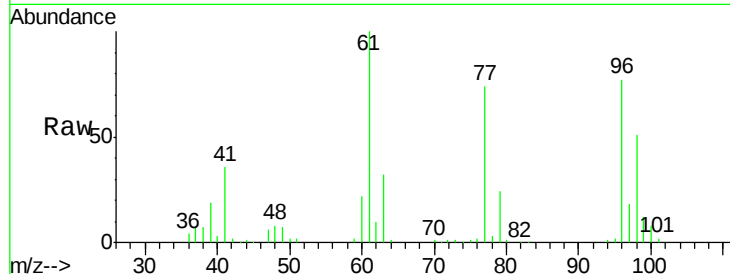


#27

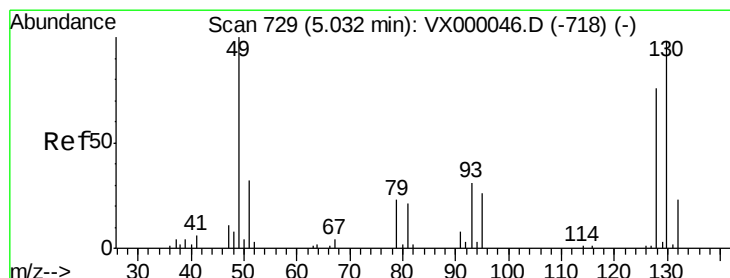
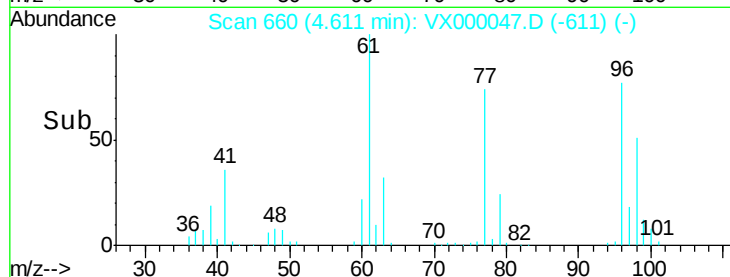
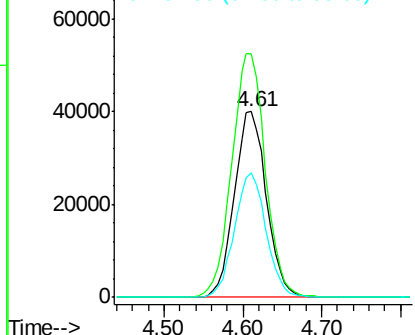
cis-1,2-Dichloroethene
Concen: 72.32 ug/l
RT: 4.61 min Scan# 660
Delta R.T. -0.00 min
Lab File: VX000047.D
Acq: 09 Feb 2018 16:58

Instrument :
ClientSampled :
VSTDIC075

Tgt Ion: 96 Resp: 113132
Ion Ratio Lower Upper
96 100
61 137.0 0.0 274.4
98 66.3 0.0 132.4



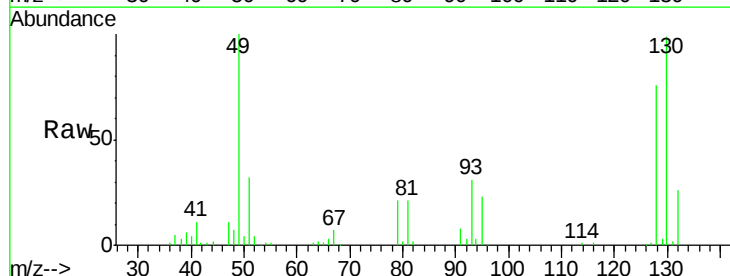
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



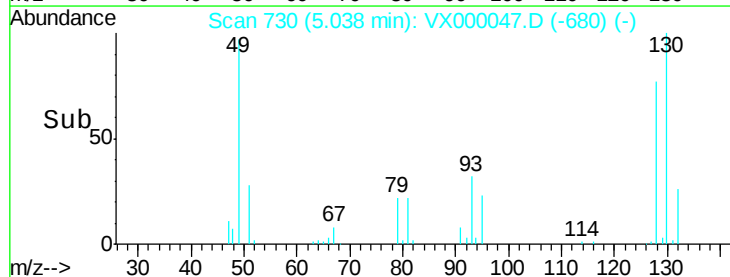
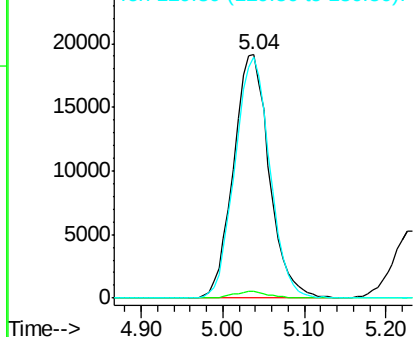
#28

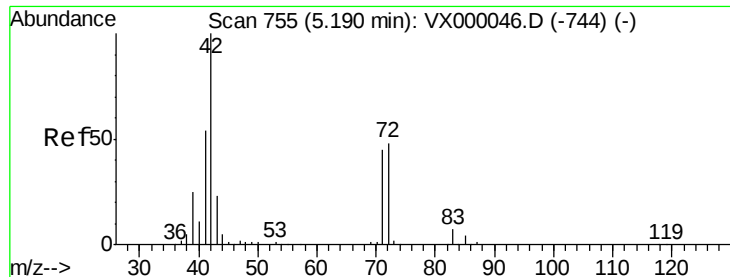
Bromochloromethane
Concen: 64.30 ug/l
RT: 5.04 min Scan# 730
Delta R.T. 0.01 min
Lab File: VX000047.D
Acq: 09 Feb 2018 16:58

Tgt Ion: 49 Resp: 58154
Ion Ratio Lower Upper
49 100
129 2.5 0.0 5.0
130 97.0 75.6 113.4



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 356.90 ug/l

RT: 5.19 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX000047.D

Acq: 09 Feb 2018 16:58

Instrument :

ClientSampleId :

VSTDIC075

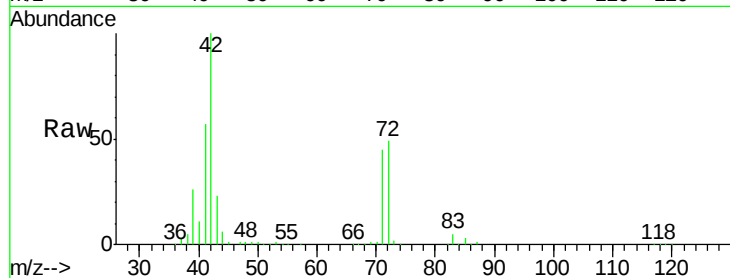
Tgt Ion: 42 Resp: 361681

Ion Ratio Lower Upper

42 100

72 49.1 39.0 58.6

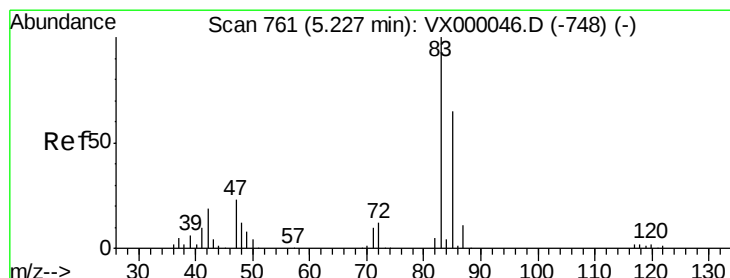
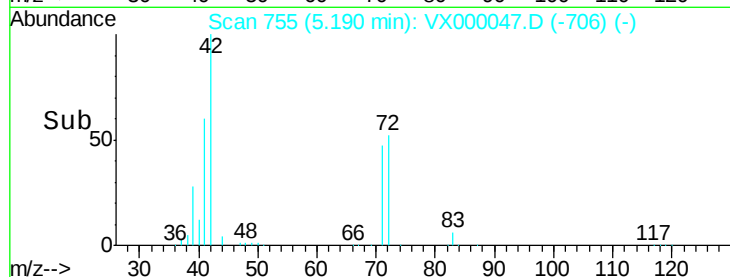
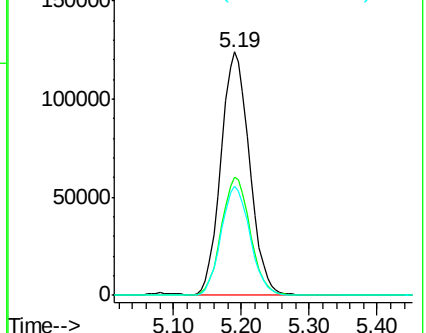
71 45.4 36.7 55.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 73.67 ug/l

RT: 5.23 min Scan# 762

Delta R.T. 0.01 min

Lab File: VX000047.D

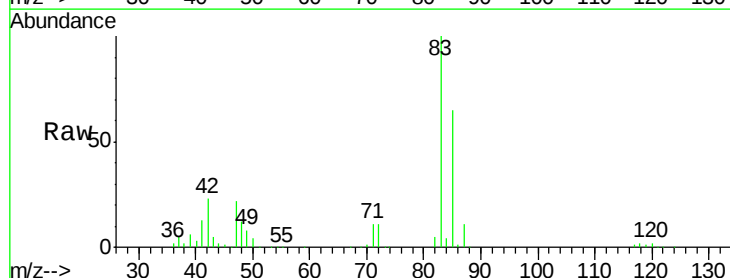
Acq: 09 Feb 2018 16:58

Tgt Ion: 83 Resp: 192806

Ion Ratio Lower Upper

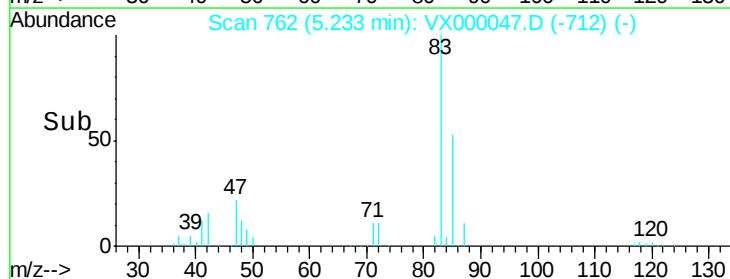
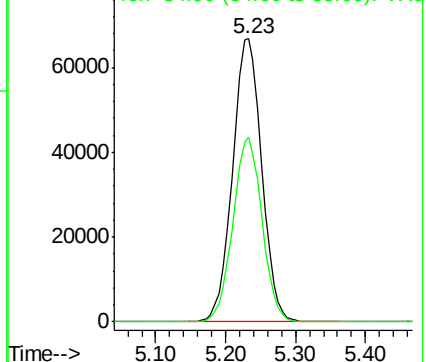
83 100

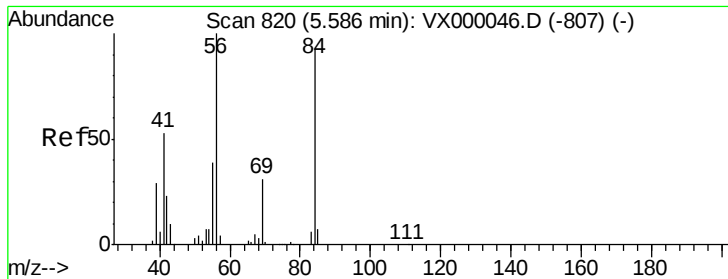
85 65.3 51.9 77.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

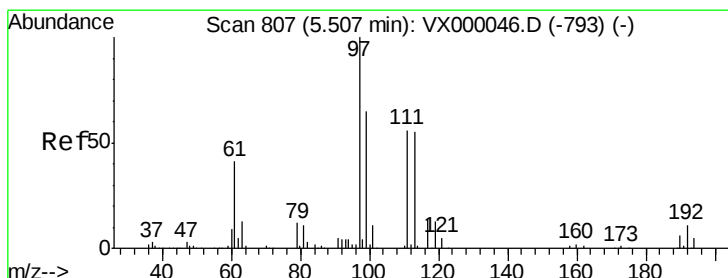
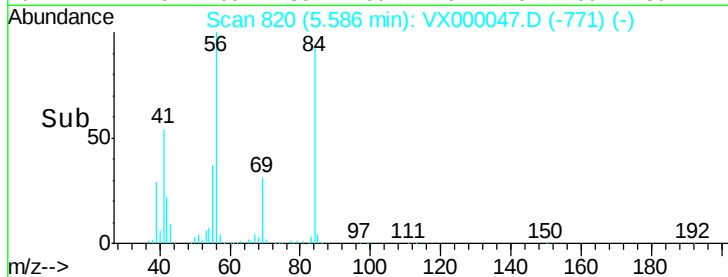
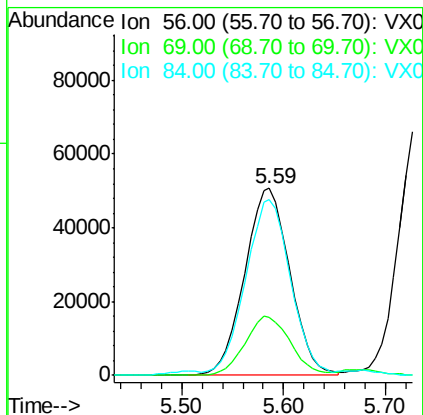
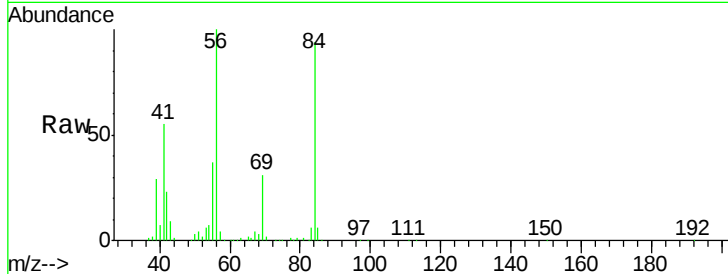




#31
Cyclohexane
Concen: 72.37 ug/l
RT: 5.59 min Scan# 820
Delta R.T. -0.00 min
Lab File: VX000047.D
Acq: 09 Feb 2018 16:58

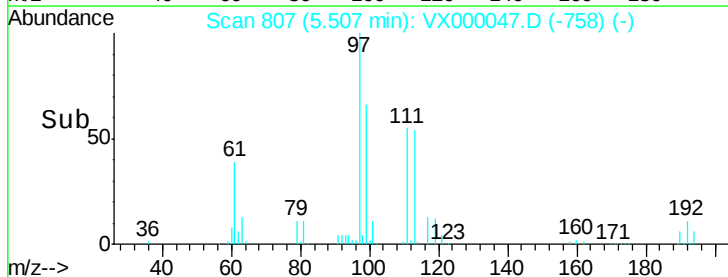
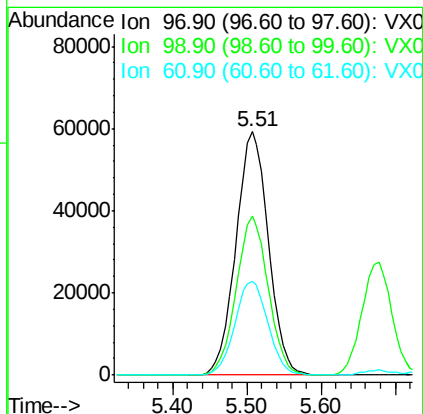
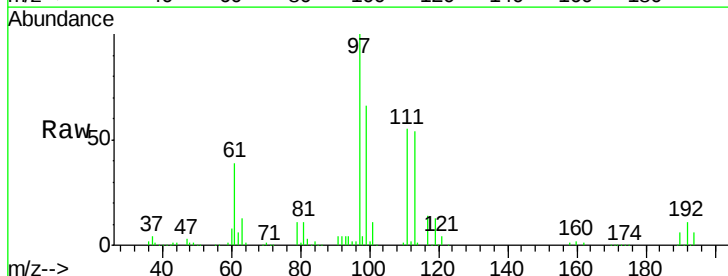
Instrument :
ClientSampleId :
VSTDIC075

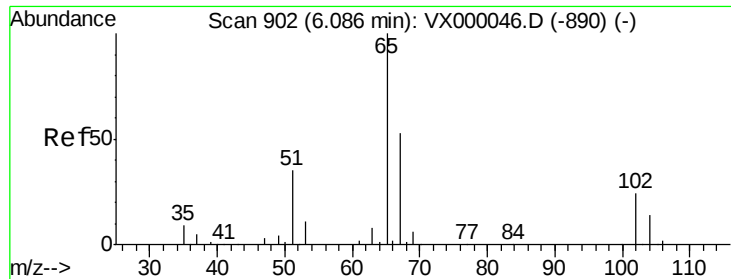
Tgt Ion: 56 Resp: 155262
Ion Ratio Lower Upper
56 100
69 30.9 24.5 36.7
84 92.3 74.8 112.2



#32
1,1,1-Trichloroethane
Concen: 72.28 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX000047.D
Acq: 09 Feb 2018 16:58

Tgt Ion: 97 Resp: 181235
Ion Ratio Lower Upper
97 100
99 64.5 50.8 76.2
61 39.4 32.1 48.1

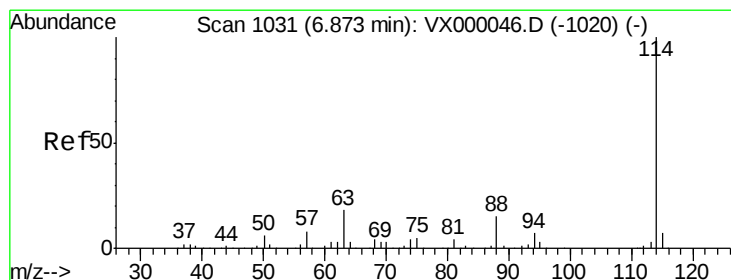
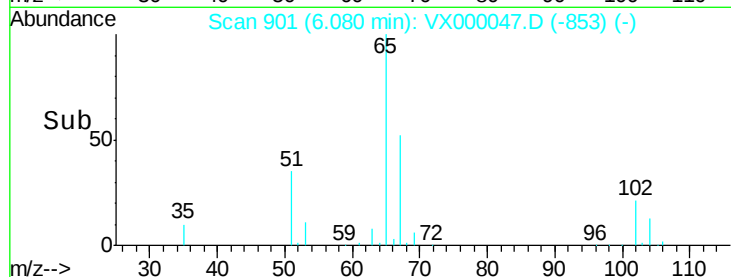
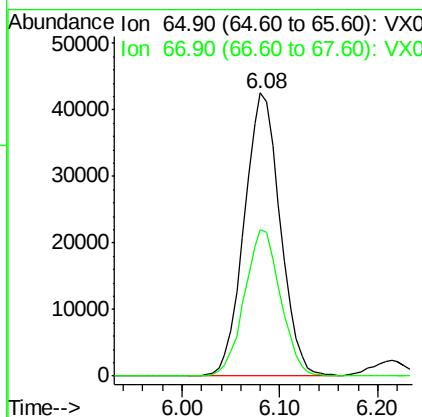
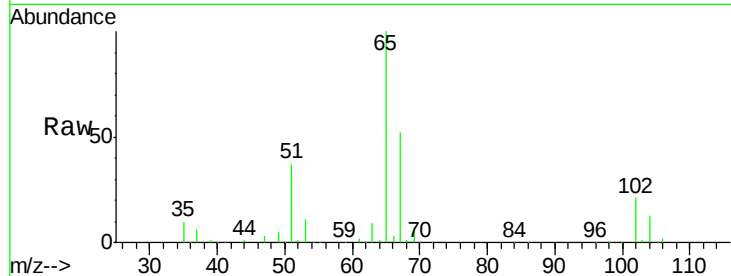




#33
 1,2-Dichloroethane-d4
 Concen: 66.75 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: VX000047.D
 Acq: 09 Feb 2018 16:58

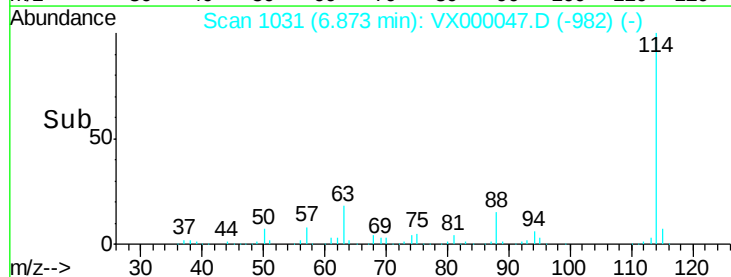
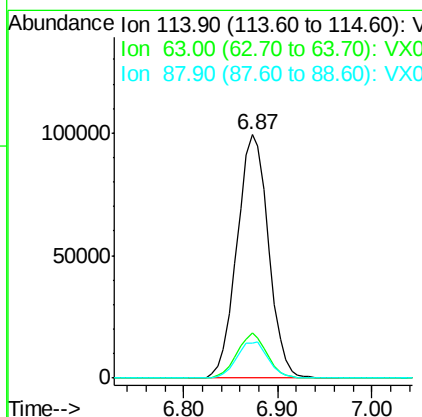
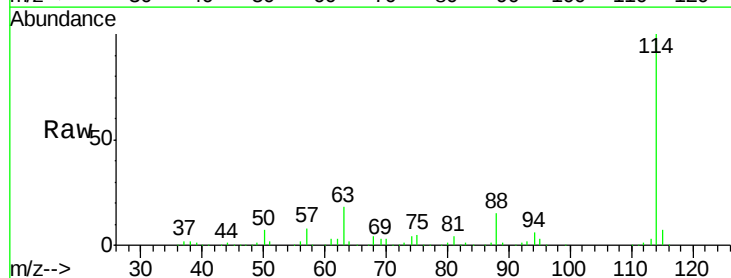
Instrument :
 ClientSampleId :
 VSTDIC075

Tgt Ion: 65 Resp: 108550
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000047.D
 Acq: 09 Feb 2018 16:58

Tgt Ion: 114 Resp: 232280
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 36.0
 88 14.6 0.0 30.4

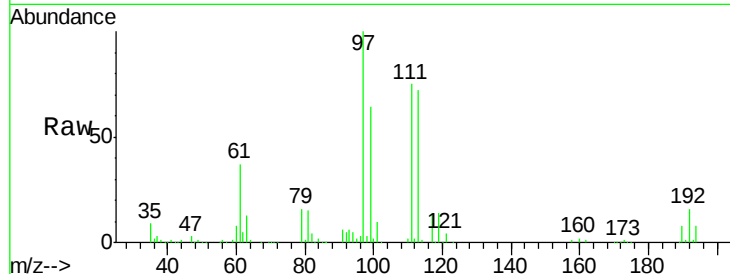




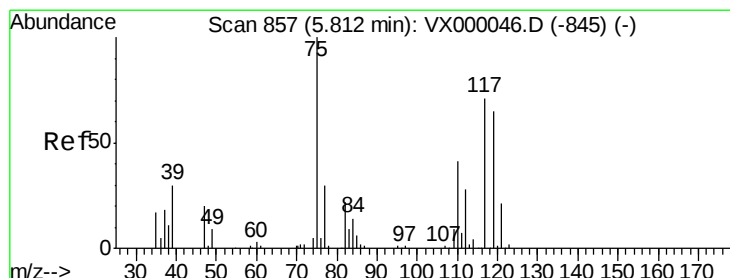
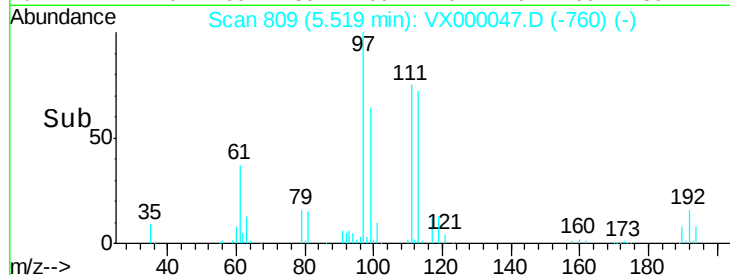
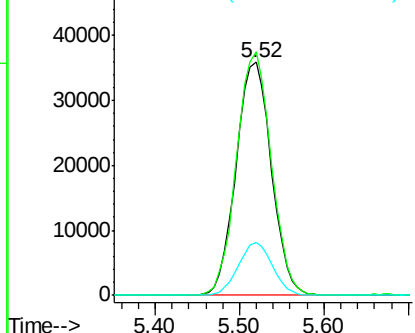
#35
 Dibromofluoromethane
 Concen: 75.68 ug/l
 RT: 5.52 min Scan# 809
 Delta R.T. -0.00 min
 Lab File: VX000047.D
 Acq: 09 Feb 2018 16:58

Instrument :
 ClientSampleId :
 VSTDIC075

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	80.5	120.7
192	22.0	16.9	25.3

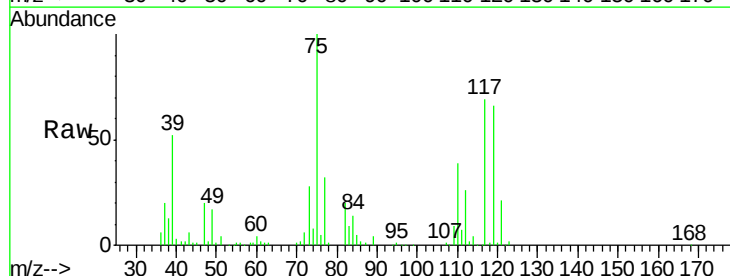


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

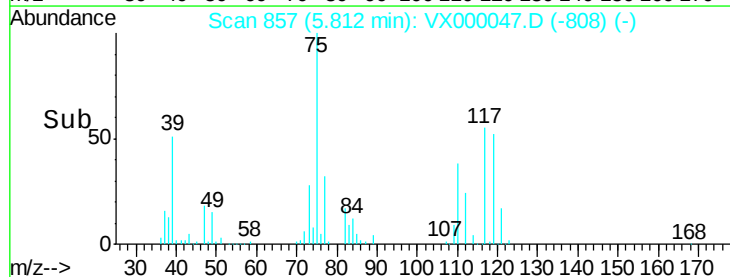
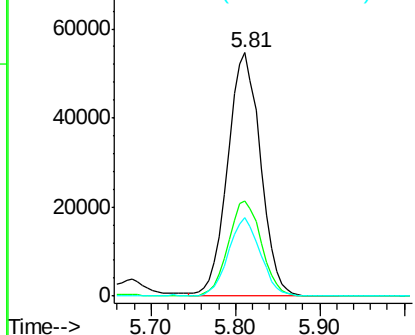


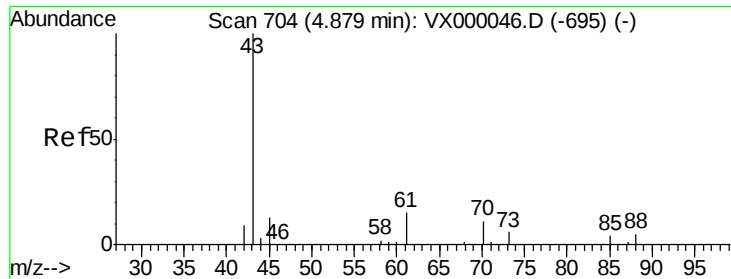
#36
 1,1-Dichloropropene
 Concen: 75.78 ug/l
 RT: 5.81 min Scan# 857
 Delta R.T. -0.00 min
 Lab File: VX000047.D
 Acq: 09 Feb 2018 16:58

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.2	19.4	58.4
77	31.1	24.2	36.4



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

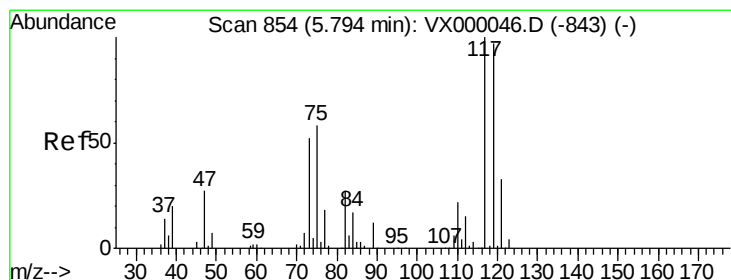
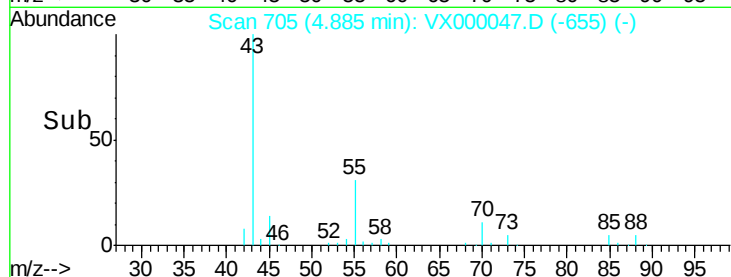
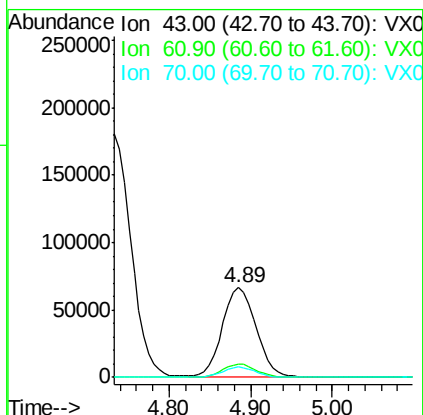
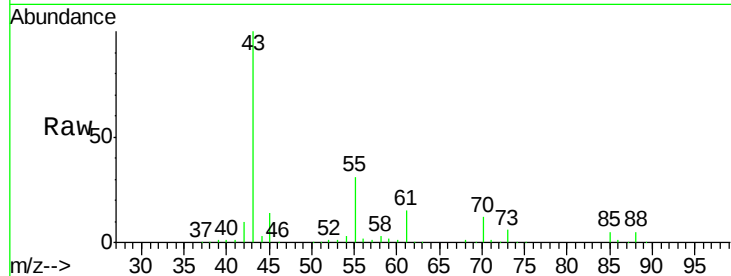




#37
Ethyl Acetate
Concen: 72.56 ug/l
RT: 4.89 min Scan# 705
Delta R.T. 0.01 min
Lab File: VX000047.D
Acq: 09 Feb 2018 16:58

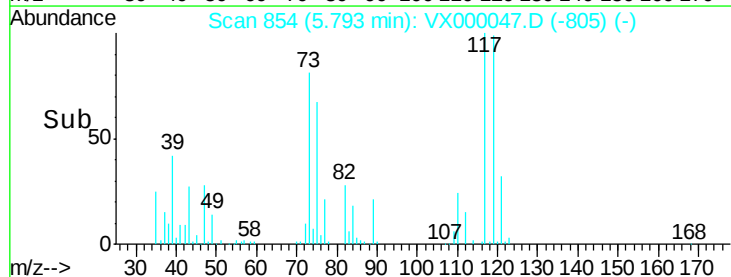
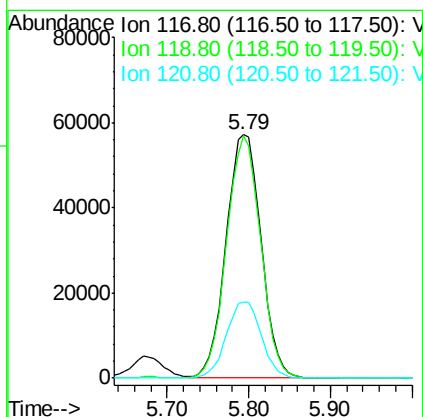
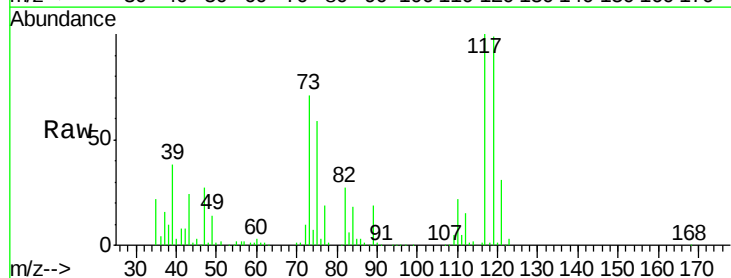
Instrument :
ClientSampled :
VSTDIC075

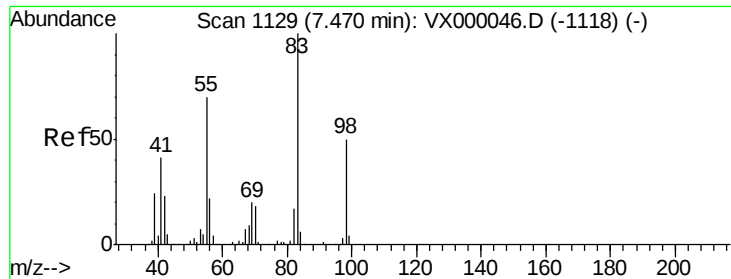
Tgt Ion: 43 Resp: 191766
Ion Ratio Lower Upper
43 100
61 14.5 11.4 17.2
70 11.1 9.0 13.6



#38
Carbon Tetrachloride
Concen: 84.62 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000047.D
Acq: 09 Feb 2018 16:58

Tgt Ion: 117 Resp: 170492
Ion Ratio Lower Upper
117 100
119 99.3 76.9 115.3
121 31.4 25.8 38.8

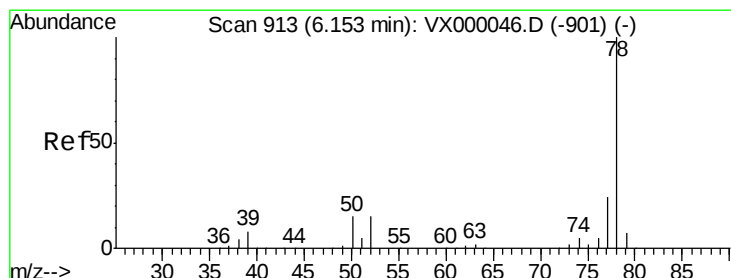
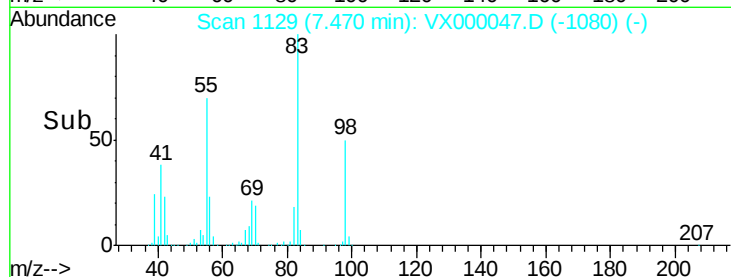
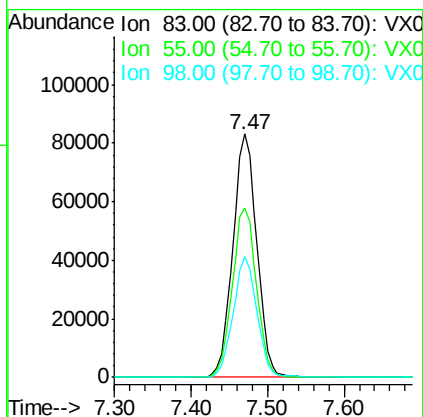
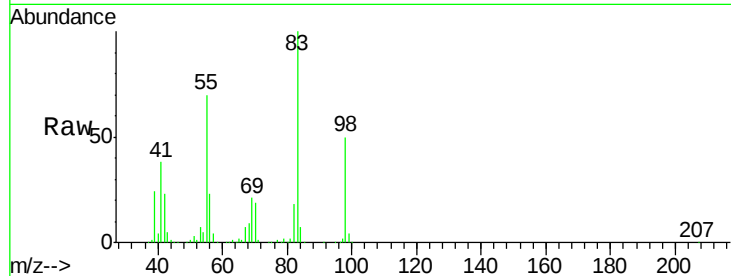




#39
Methylcyclohexane
Concen: 74.04 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000047.D
Acq: 09 Feb 2018 16:58

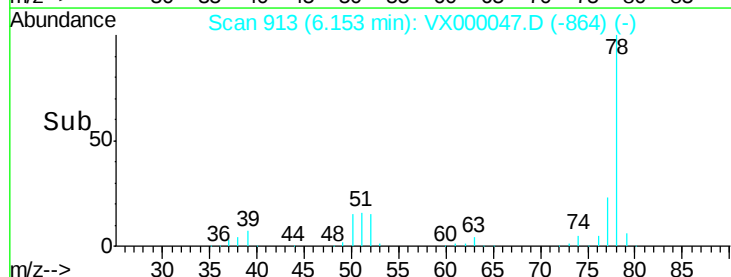
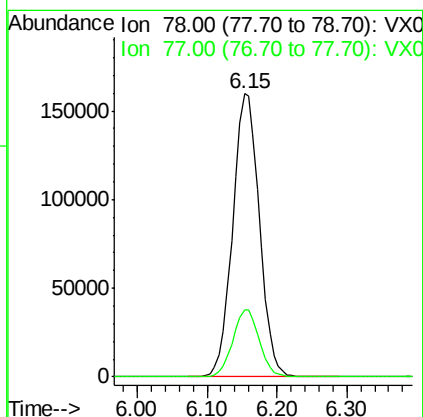
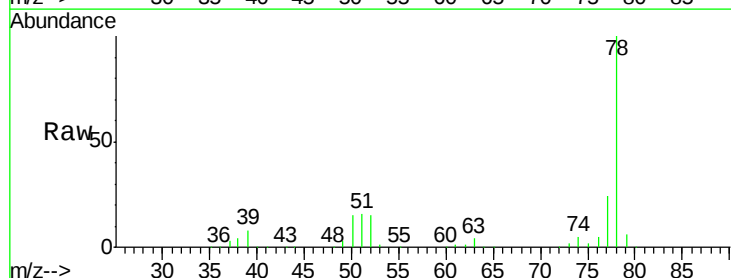
Instrument :
ClientSampled :
VSTDIC075

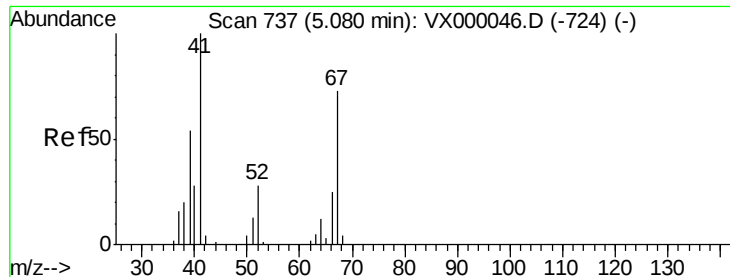
Tgt Ion: 83 Resp: 180216
Ion Ratio Lower Upper
83 100
55 69.8 55.7 83.5
98 49.8 39.7 59.5



#40
Benzene
Concen: 75.21 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000047.D
Acq: 09 Feb 2018 16:58

Tgt Ion: 78 Resp: 421571
Ion Ratio Lower Upper
78 100
77 23.9 19.4 29.2

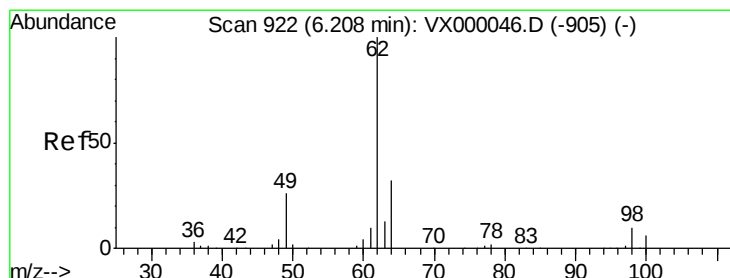
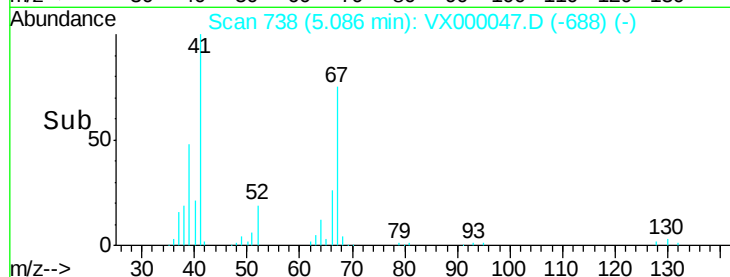
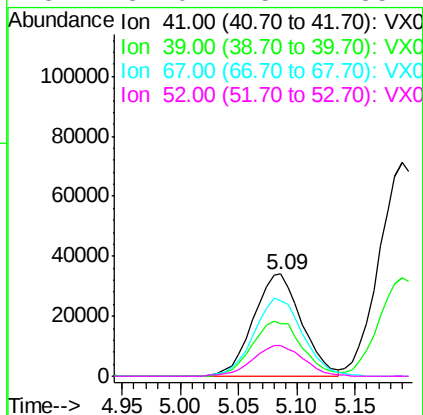
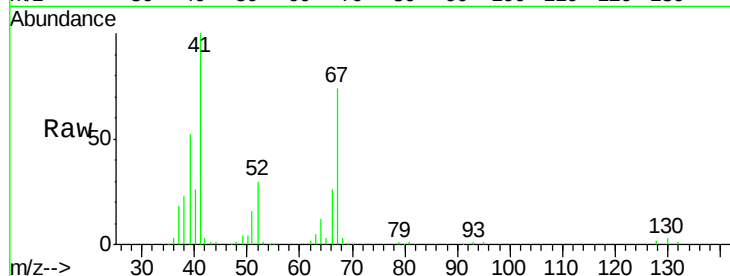




#41
Methacrylonitrile
Concen: 70.91 ug/l
RT: 5.09 min Scan# 738
Delta R.T. 0.01 min
Lab File: VX000047.D
Acq: 09 Feb 2018 16:58

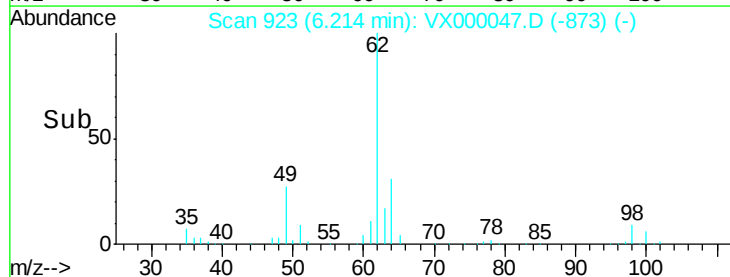
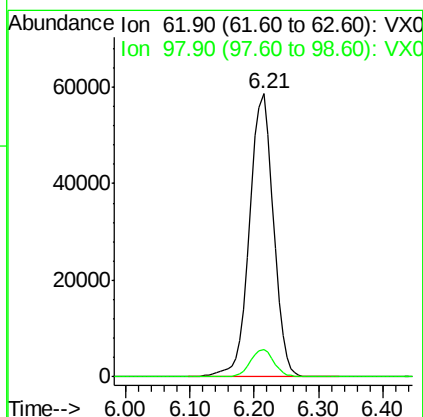
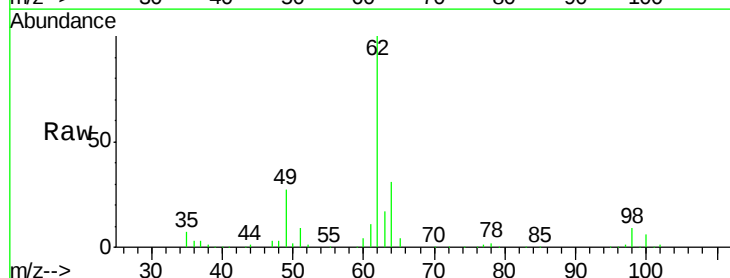
Instrument :
ClientSampleId :
VSTDIC075

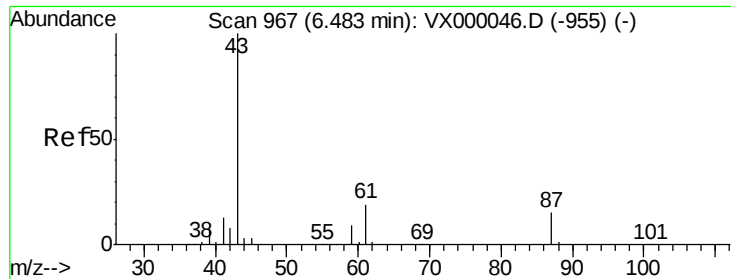
Tgt Ion: 41 Resp: 97631
Ion Ratio Lower Upper
41 100
39 55.7 45.8 68.8
67 77.9 60.6 91.0
52 32.0 25.4 38.2



#42
1,2-Dichloroethane
Concen: 74.46 ug/l
RT: 6.21 min Scan# 923
Delta R.T. 0.01 min
Lab File: VX000047.D
Acq: 09 Feb 2018 16:58

Tgt Ion: 62 Resp: 149278
Ion Ratio Lower Upper
62 100
98 9.4 0.0 18.6





#43

Isopropyl Acetate

Concen: 74.42 ug/l

RT: 6.49 min Scan# 968

Delta R.T. 0.01 min

Lab File: VX000047.D

Acq: 09 Feb 2018 16:58

Instrument :

ClientSampled :

VSTDIC075

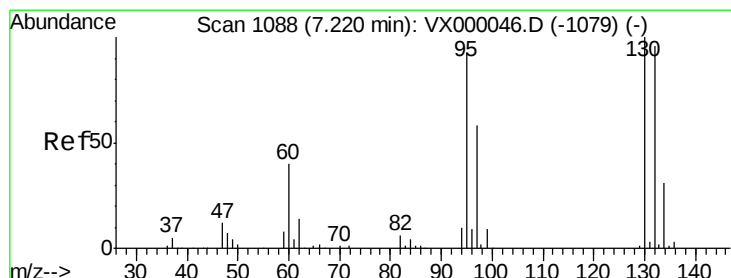
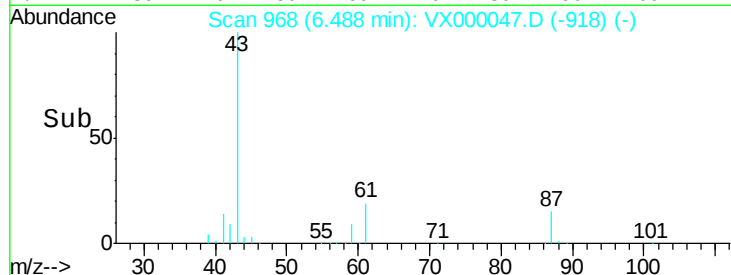
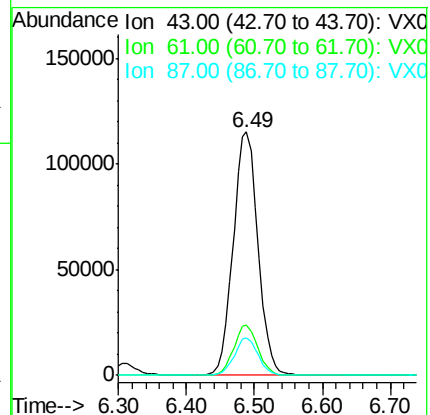
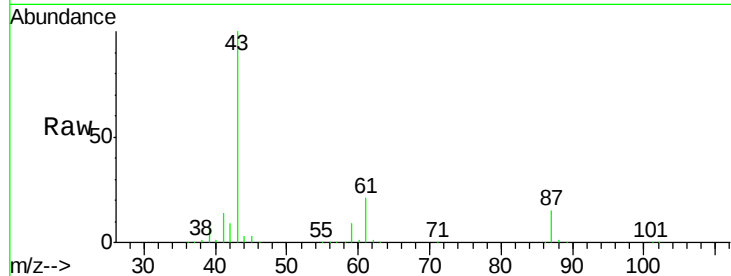
Tgt Ion: 43 Resp: 289377

Ion Ratio Lower Upper

43 100

61 20.2 15.9 23.9

87 14.9 11.8 17.6



#44

Trichloroethene

Concen: 74.38 ug/l

RT: 7.23 min Scan# 1089

Delta R.T. 0.01 min

Lab File: VX000047.D

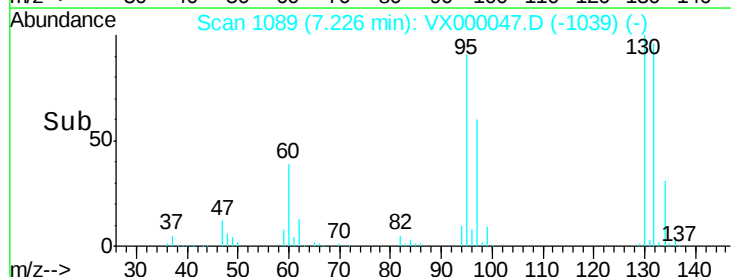
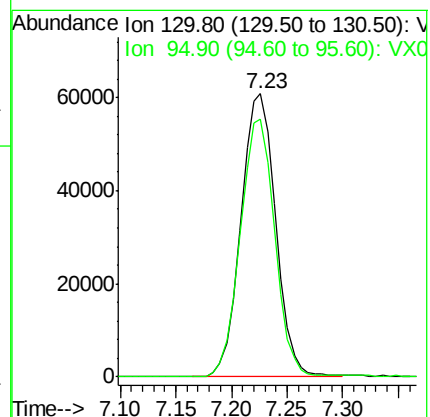
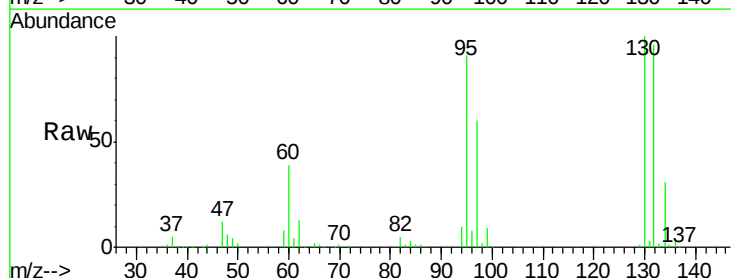
Acq: 09 Feb 2018 16:58

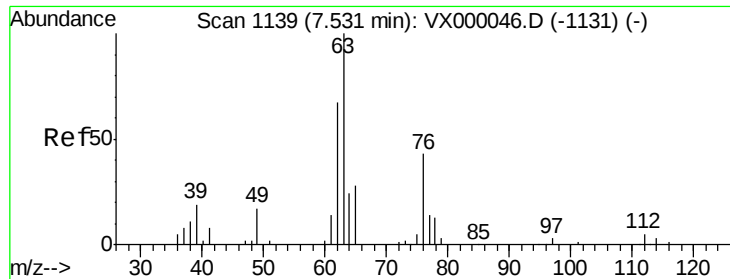
Tgt Ion: 130 Resp: 131625

Ion Ratio Lower Upper

130 100

95 91.3 0.0 185.2

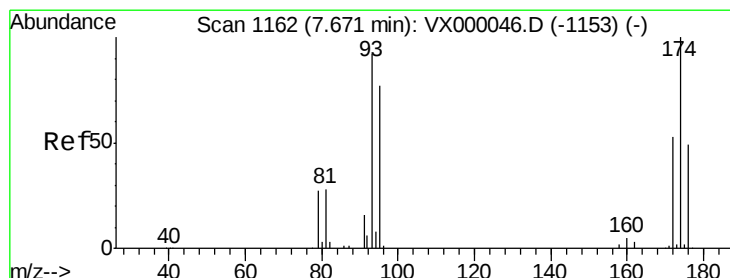
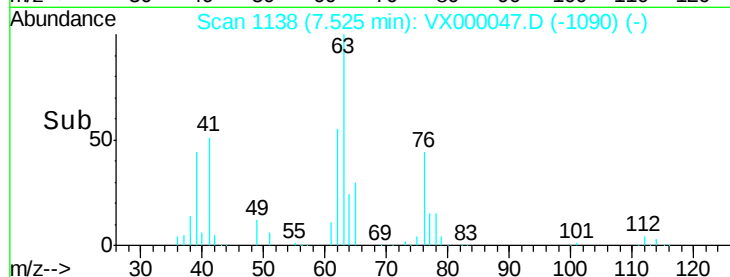
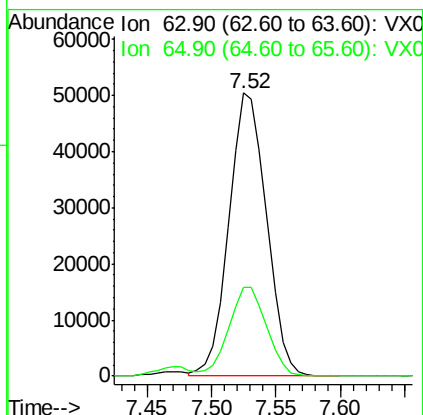
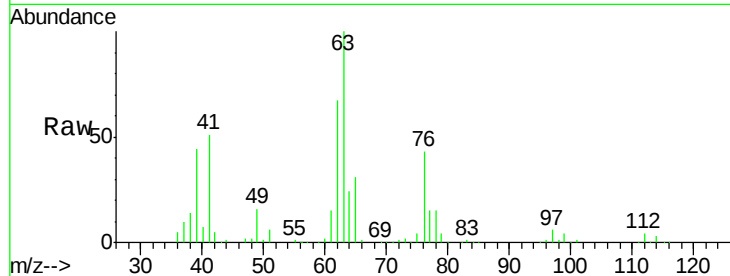




#45
 1,2-Dichloropropane
 Concen: 73.48 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VX000047.D
 Acq: 09 Feb 2018 16:58

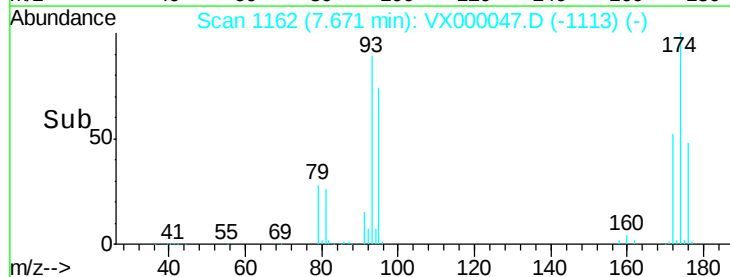
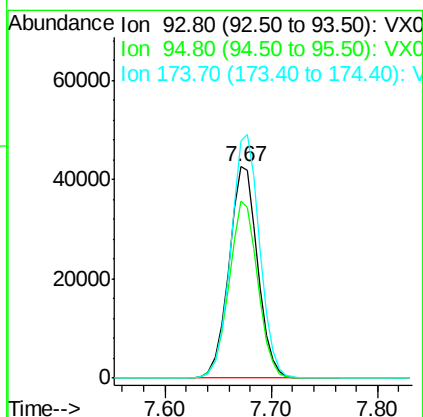
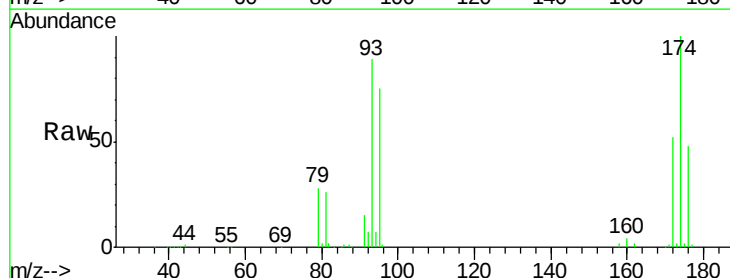
Instrument :
 ClientSampleId :
 VSTDIC075

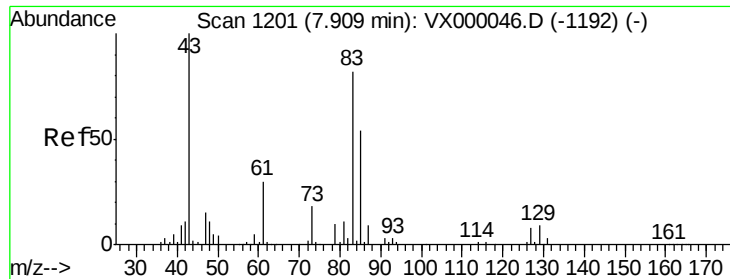
Tgt Ion: 63 Resp: 102620
 Ion Ratio Lower Upper
 63 100
 65 31.2 23.7 35.5



#46
 Dibromomethane
 Concen: 73.92 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000047.D
 Acq: 09 Feb 2018 16:58

Tgt Ion: 93 Resp: 80365
 Ion Ratio Lower Upper
 93 100
 95 83.8 66.3 99.5
 174 115.6 90.4 135.6





#47

Bromodichloromethane

Concen: 76.69 ug/l

RT: 7.91 min Scan# 1201

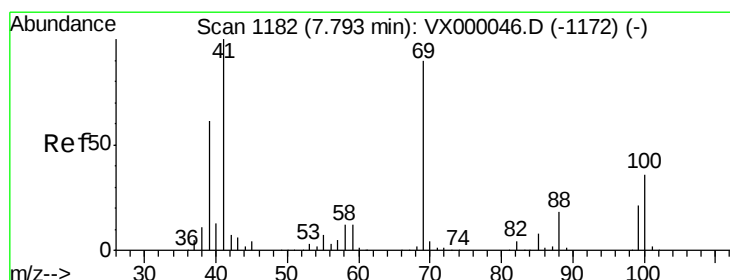
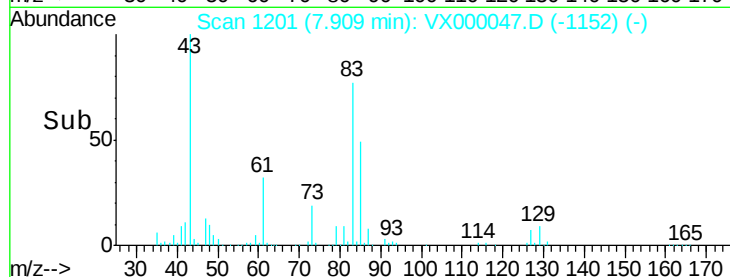
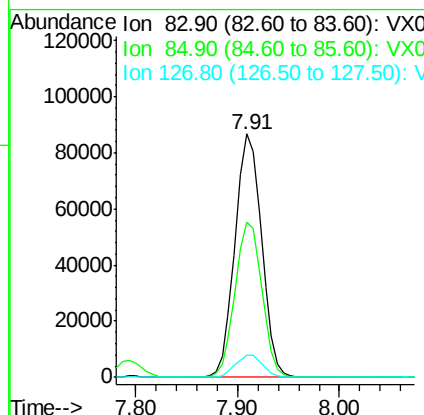
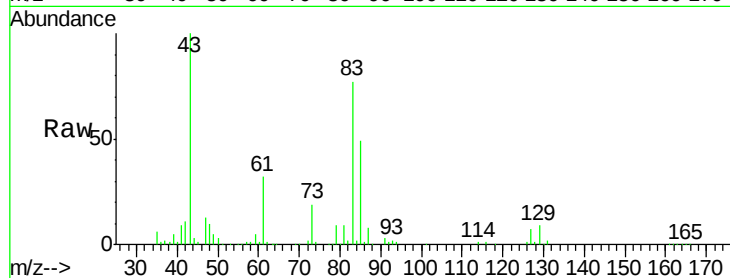
Delta R.T. -0.00 min

Lab File: VX000047.D

Acq: 09 Feb 2018 16:58

Instrument :
ClientSampled :
VSTDIC075

Tgt Ion:	83	Resp:	155817
Ion	Ratio	Lower	Upper
83	100		
85	63.5	52.3	78.5
127	9.1	7.4	11.0



#48

Methyl methacrylate

Concen: 73.31 ug/l

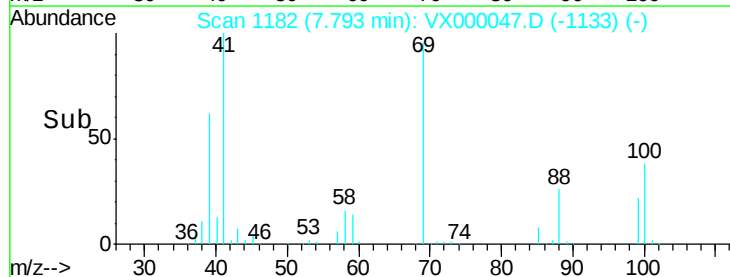
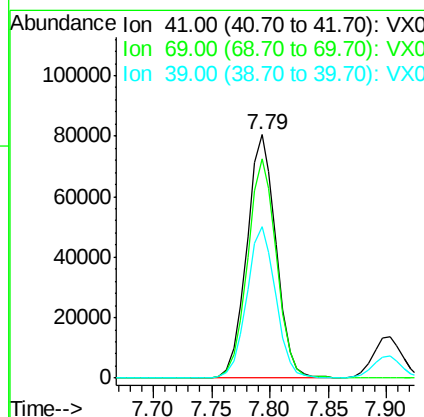
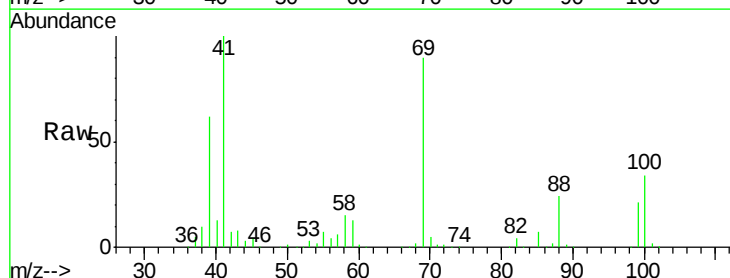
RT: 7.79 min Scan# 1182

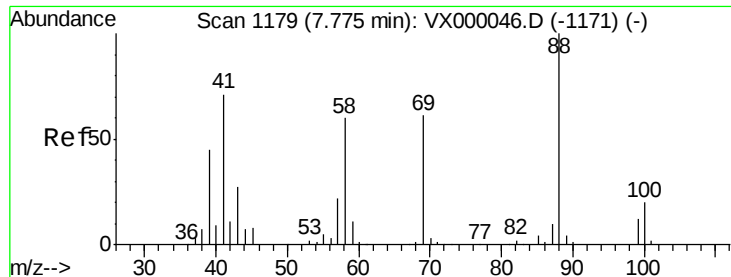
Delta R.T. -0.00 min

Lab File: VX000047.D

Acq: 09 Feb 2018 16:58

Tgt Ion:	41	Resp:	140691
Ion	Ratio	Lower	Upper
41	100		
69	89.8	72.1	108.1
39	61.8	49.6	74.4

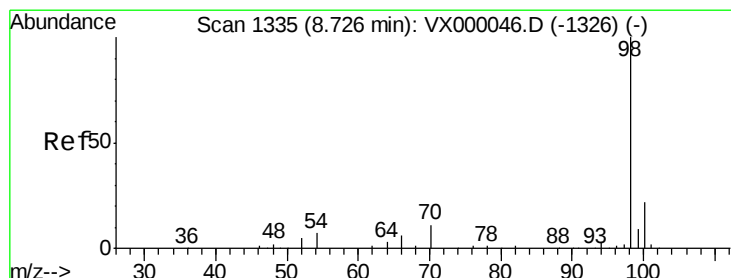
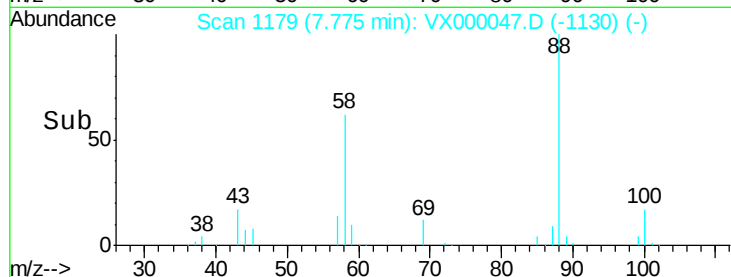
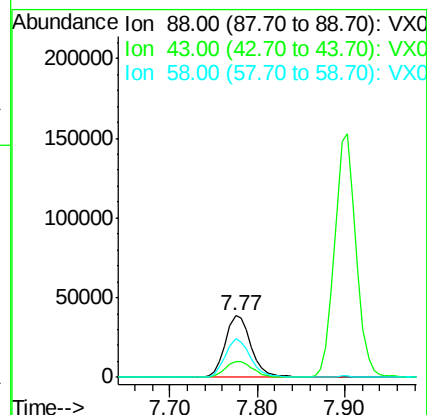
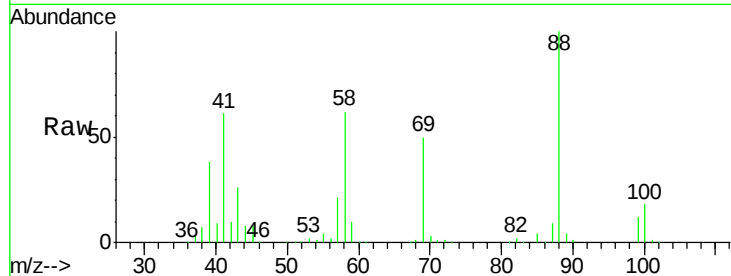




#49
1,4-Dioxane
Concen: 1450.19 ug/l
RT: 7.77 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VX000047.D
Acq: 09 Feb 2018 16:58

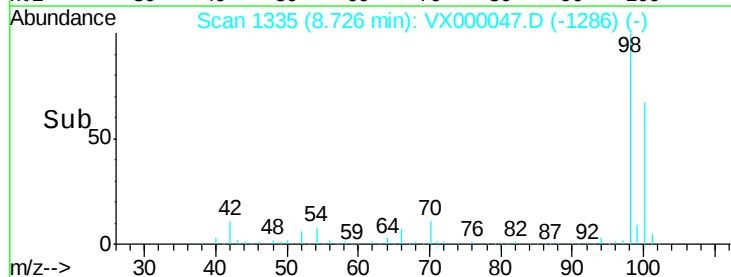
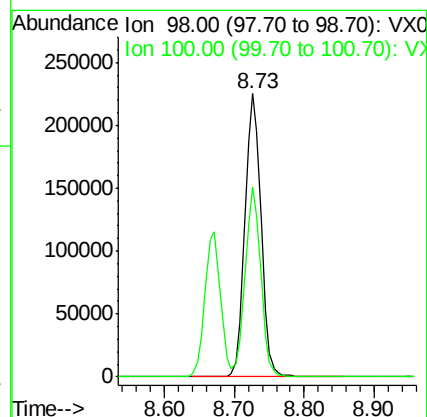
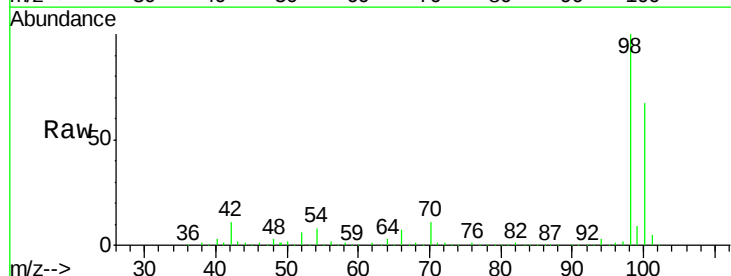
Instrument :
ClientSampleId :
VSTDIC075

Tgt Ion: 88 Resp: 79974
Ion Ratio Lower Upper
88 100
43 28.2 22.6 33.8
58 61.7 49.4 74.2



#50
Toluene-d8
Concen: 71.15 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000047.D
Acq: 09 Feb 2018 16:58

Tgt Ion: 98 Resp: 359609
Ion Ratio Lower Upper
98 100
100 65.2 51.8 77.6





#51

4-Methyl-2-Pentanone

Concen: 381.07 ug/l

RT: 8.66 min Scan# 1325

Delta R.T. -0.00 min

Lab File: VX000047.D

Acq: 09 Feb 2018 16:58

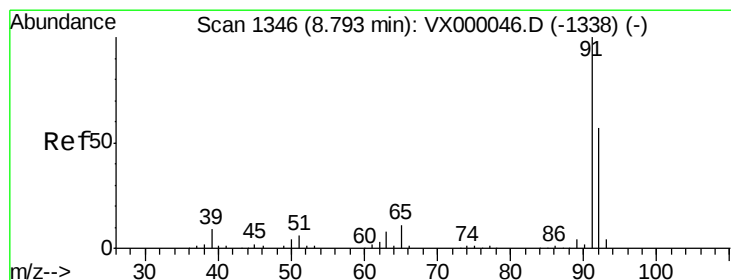
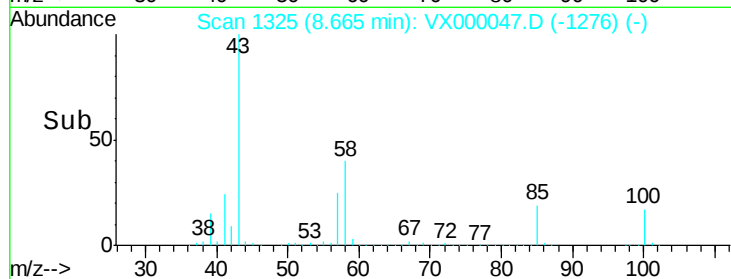
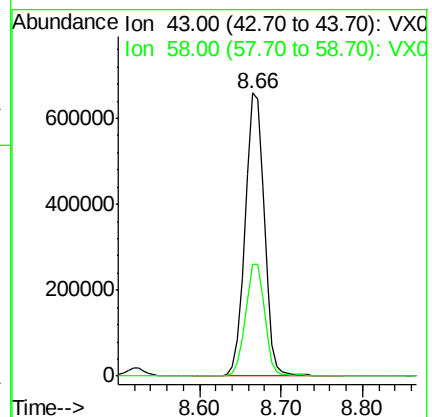
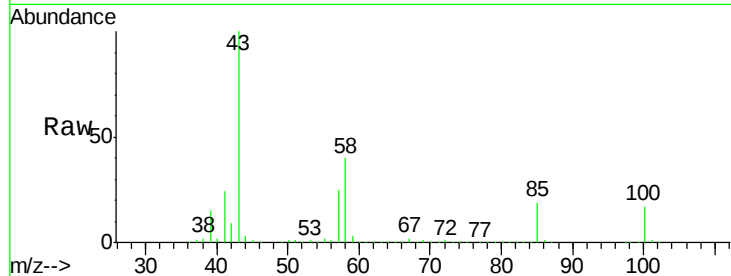
Instrument :
ClientSampleId :
VSTDIC075

Tgt Ion: 43 Resp: 1058612

Ion Ratio Lower Upper

43 100

58 39.7 32.1 48.1



#52

Toluene

Concen: 76.44 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000047.D

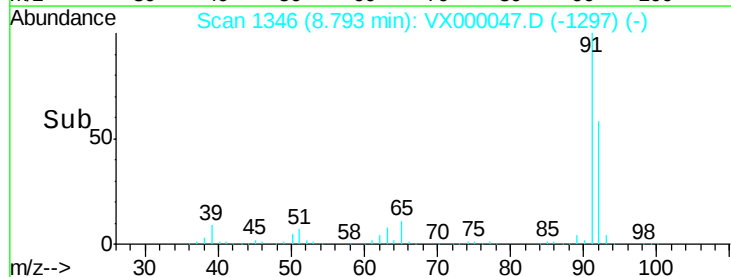
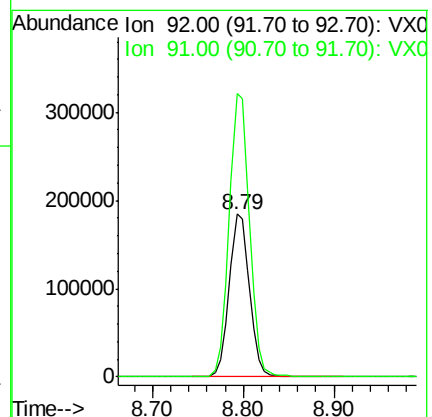
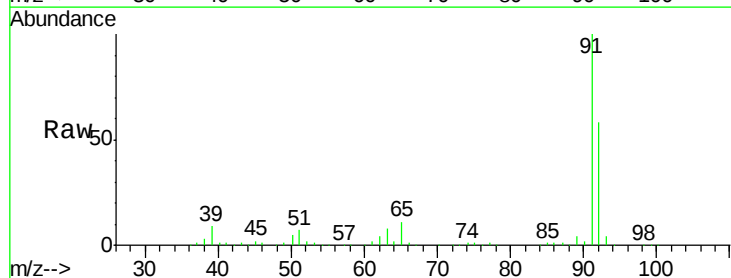
Acq: 09 Feb 2018 16:58

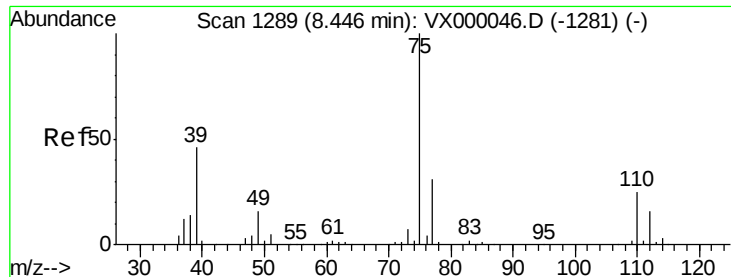
Tgt Ion: 92 Resp: 287196

Ion Ratio Lower Upper

92 100

91 174.9 139.8 209.6





#53

t-1,3-Dichloropropene

Concen: 77.89 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX000047.D

Acq: 09 Feb 2018 16:58

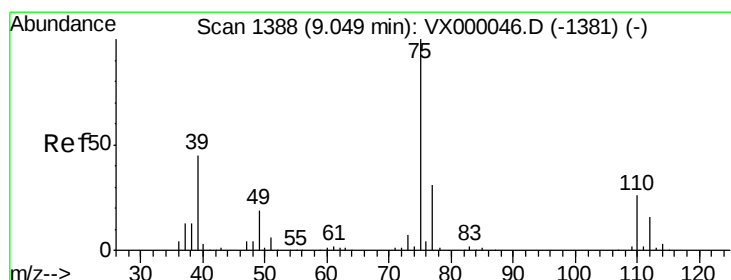
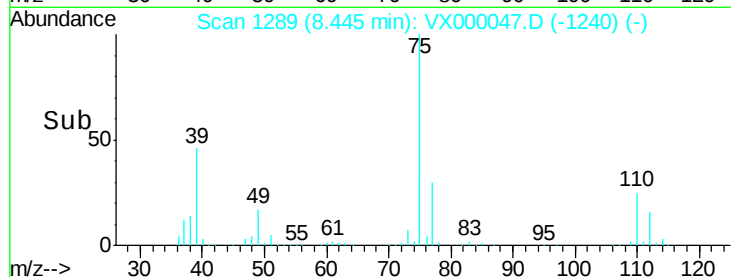
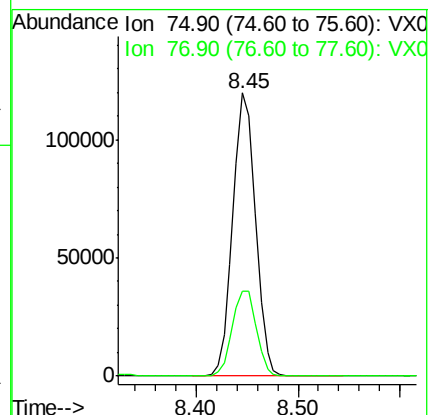
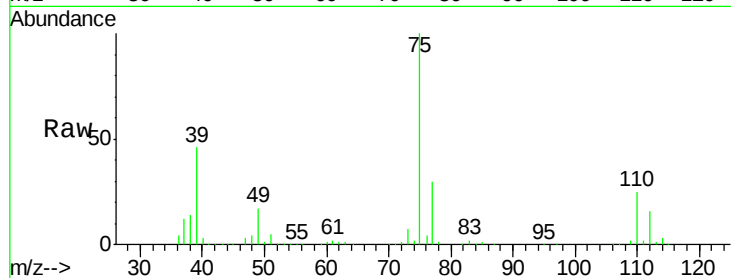
Instrument :
ClientSampleId :
VSTDIC075

Tgt Ion: 75 Resp: 184633

Ion Ratio Lower Upper

75 100

77 30.2 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 79.91 ug/l

RT: 9.06 min Scan# 1389

Delta R.T. 0.01 min

Lab File: VX000047.D

Acq: 09 Feb 2018 16:58

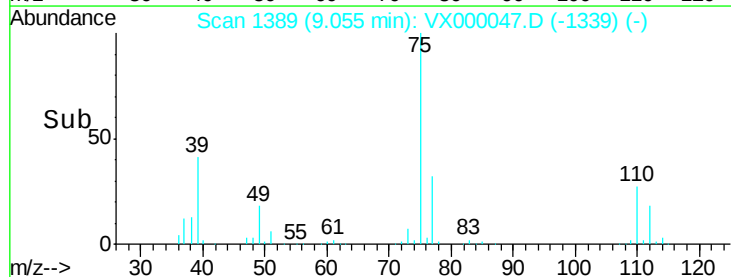
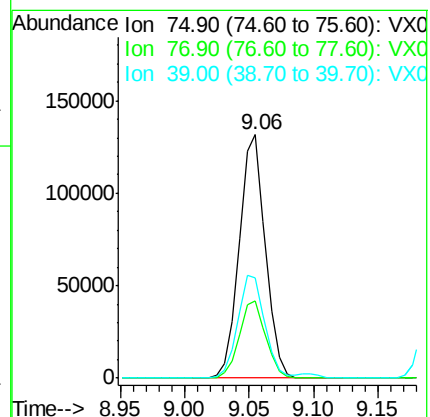
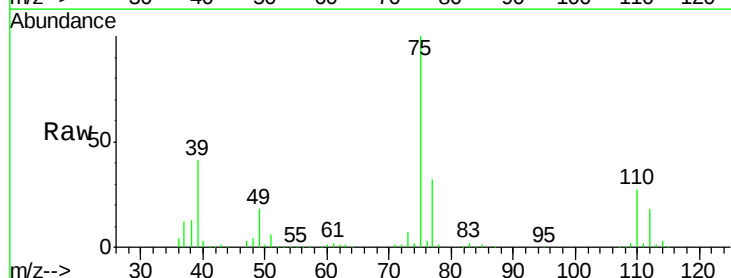
Tgt Ion: 75 Resp: 184709

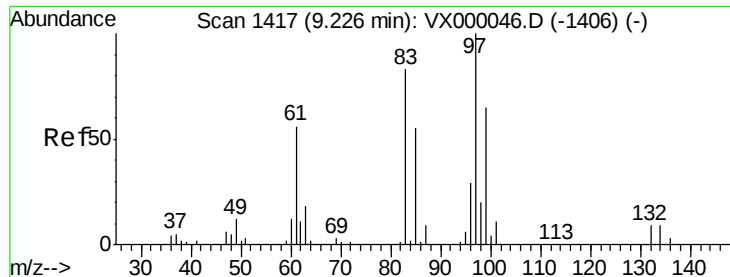
Ion Ratio Lower Upper

75 100

77 31.5 25.1 37.7

39 41.2 36.1 54.1

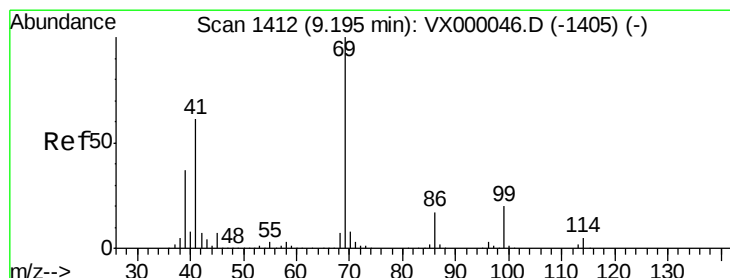
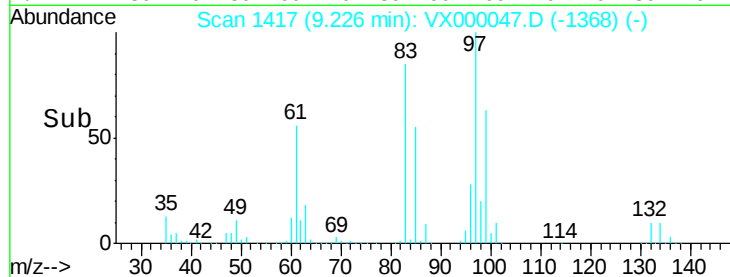
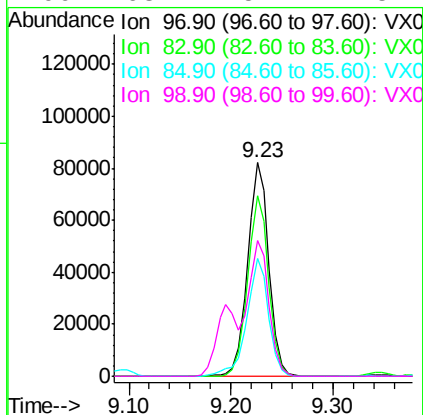
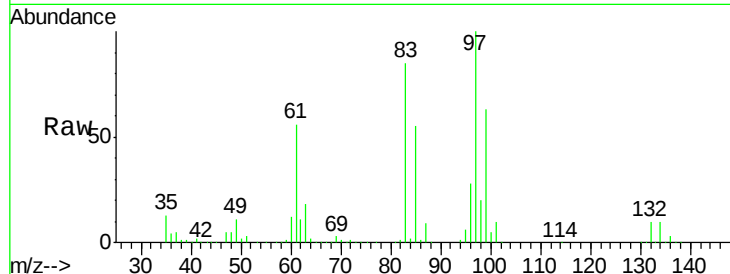




#55
 1,1,2-Trichloroethane
 Concen: 75.26 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000047.D
 Acq: 09 Feb 2018 16:58

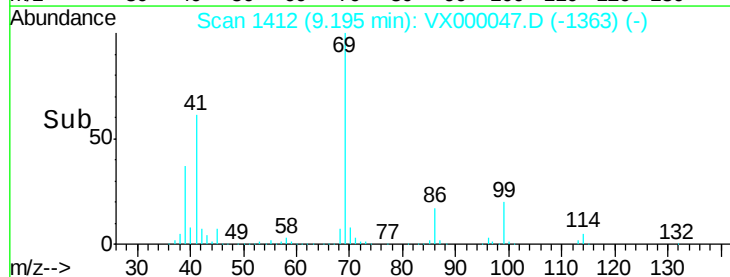
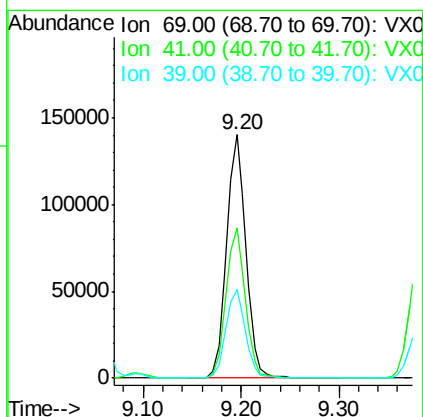
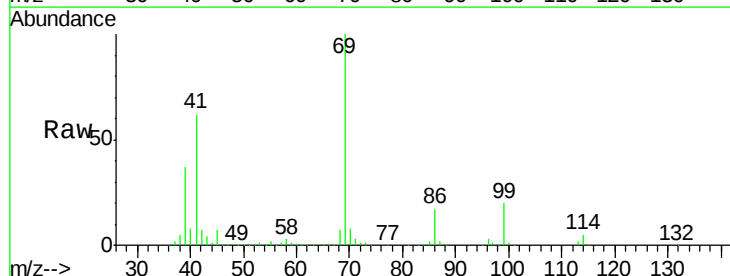
Instrument :
 ClientSampleId :
 VSTDIC075

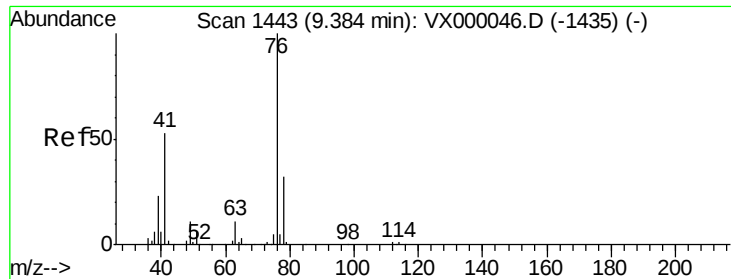
Tgt Ion:	97	Resp:	118406
Ion	Ratio	Lower	Upper
97	100		
83	84.8	66.5	99.7
85	55.2	43.8	65.6
99	63.4	52.2	78.4



#56
 Ethyl methacrylate
 Concen: 78.36 ug/l
 RT: 9.20 min Scan# 1412
 Delta R.T. -0.00 min
 Lab File: VX000047.D
 Acq: 09 Feb 2018 16:58

Tgt Ion:	69	Resp:	191597
Ion	Ratio	Lower	Upper
69	100		
41	61.6	49.5	74.3
39	36.8	29.9	44.9





#57

1,3-Dichloropropane

Concen: 74.98 ug/l

RT: 9.38 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VX000047.D

Acq: 09 Feb 2018 16:58

Instrument :

ClientSampleId :

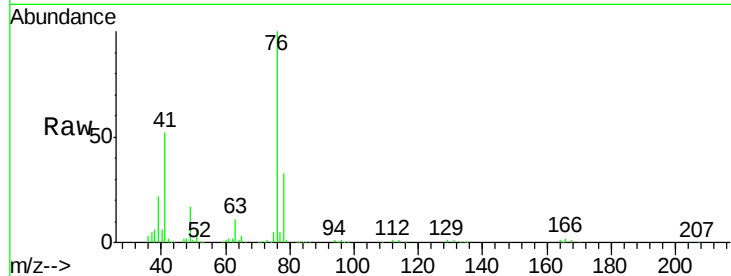
VSTDIC075

Tgt Ion: 76 Resp: 187166

Ion Ratio Lower Upper

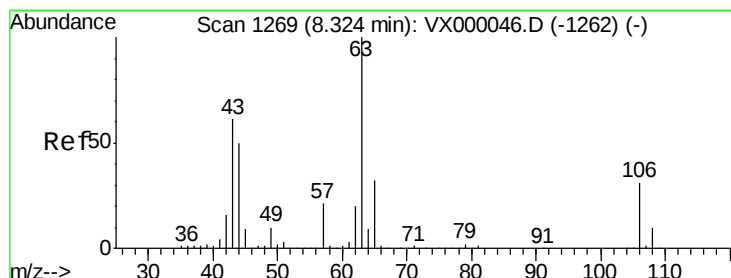
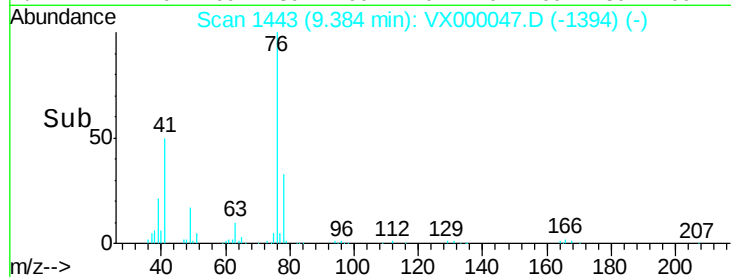
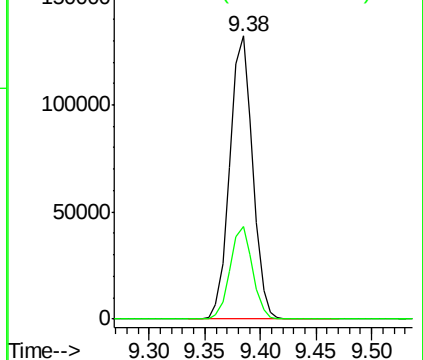
76 100

78 32.1 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 412.26 ug/l

RT: 8.33 min Scan# 1270

Delta R.T. 0.01 min

Lab File: VX000047.D

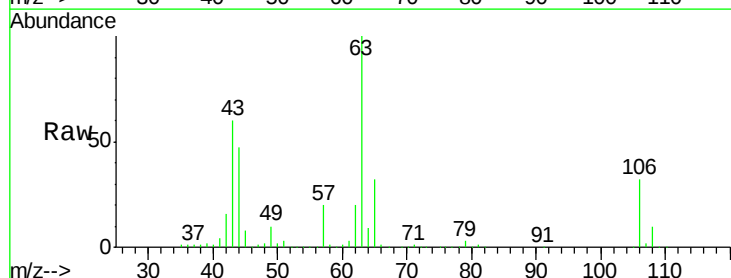
Acq: 09 Feb 2018 16:58

Tgt Ion: 63 Resp: 448511

Ion Ratio Lower Upper

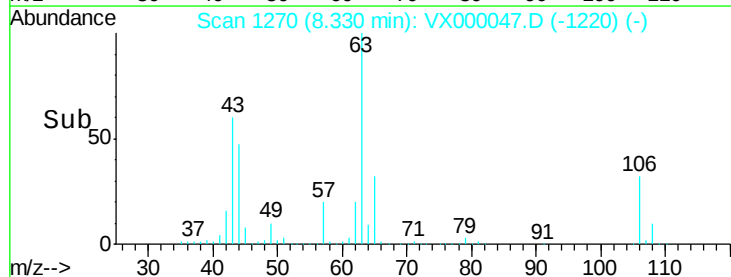
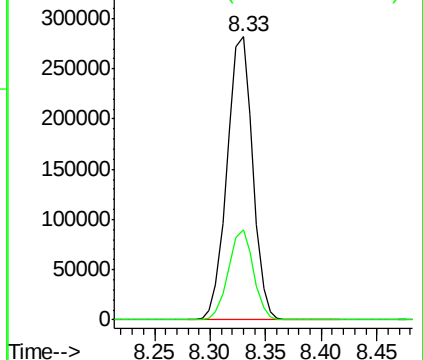
63 100

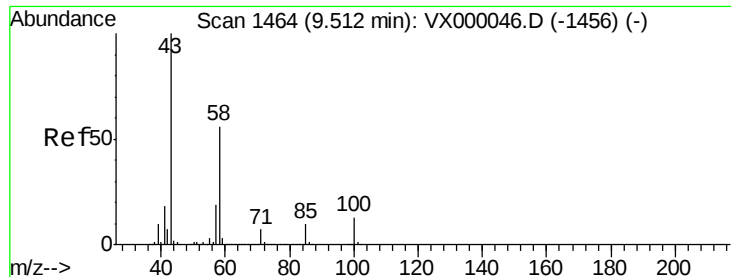
106 31.0 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

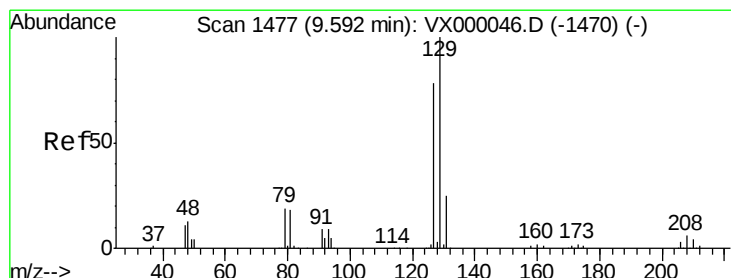
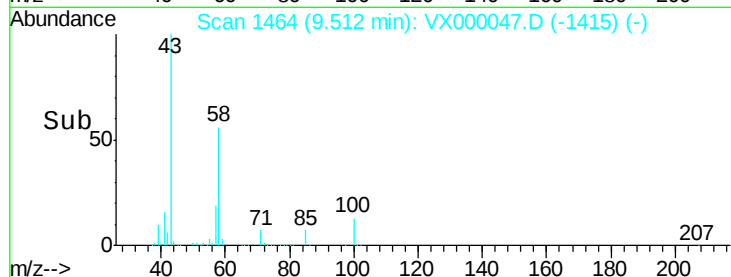
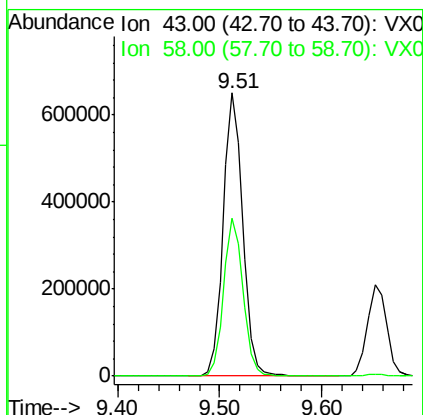
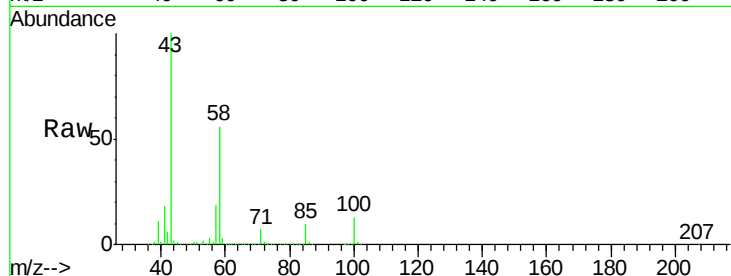




#59
2-Hexanone
Concen: 364.83 ug/l
RT: 9.51 min Scan# 1464
Delta R.T. -0.00 min
Lab File: VX000047.D
Acq: 09 Feb 2018 16:58

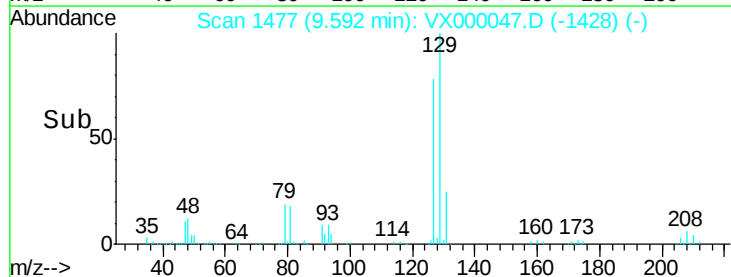
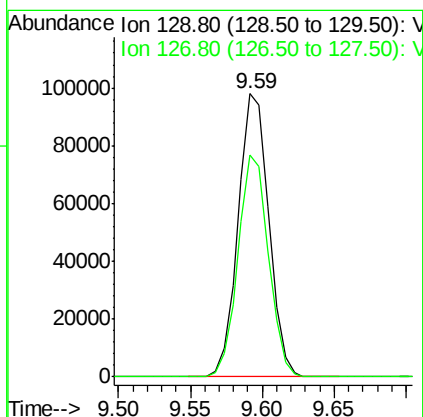
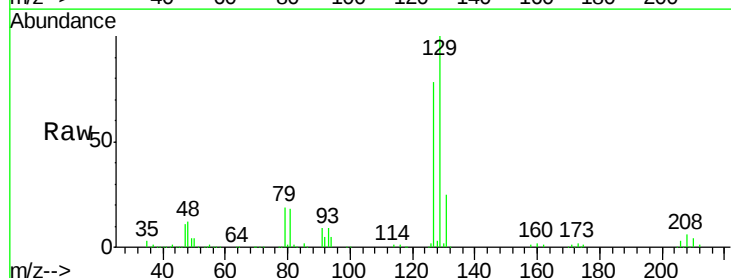
Instrument :
ClientSampled :
VSTDIC075

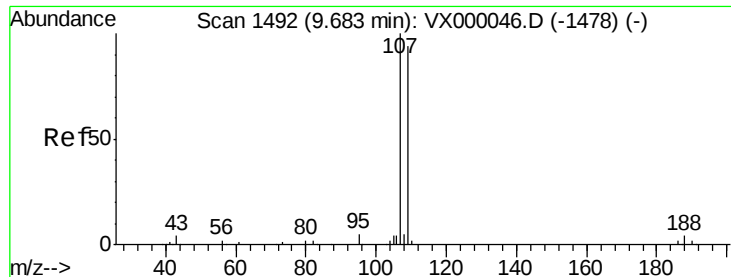
Tgt Ion: 43 Resp: 867406
Ion Ratio Lower Upper
43 100
58 55.4 27.6 82.7



#60
Dibromochloromethane
Concen: 81.55 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000047.D
Acq: 09 Feb 2018 16:58

Tgt Ion: 129 Resp: 144875
Ion Ratio Lower Upper
129 100
127 77.7 38.6 115.8





#61

1,2-Dibromoethane

Concen: 77.97 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000047.D

Acq: 09 Feb 2018 16:58

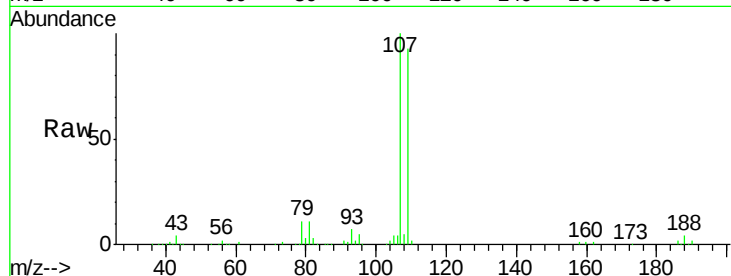
Instrument :
ClientSampleId :
VSTDIC075

Tgt Ion: 107 Resp: 135176

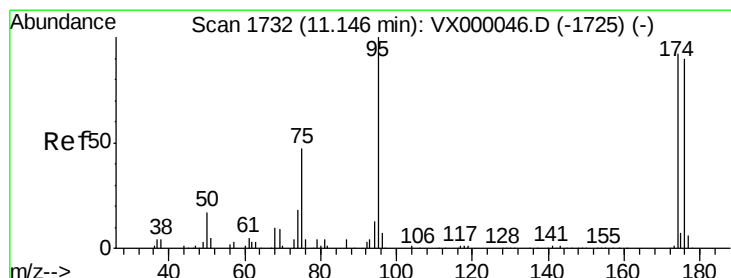
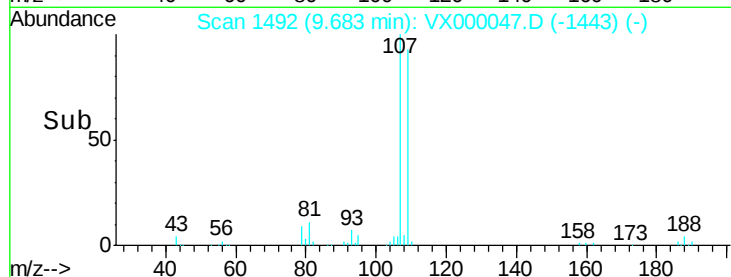
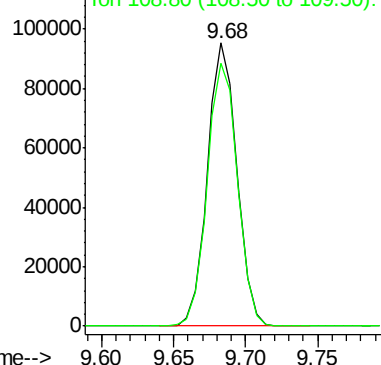
Ion Ratio Lower Upper

107 100

109 95.4 74.6 111.8



Abundance Ion 106.90 (106.60 to 107.60): V
Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 71.89 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000047.D

Acq: 09 Feb 2018 16:58

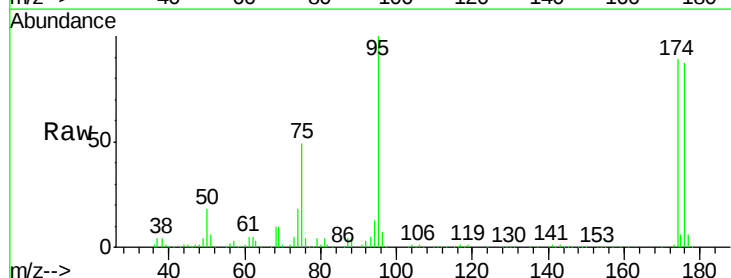
Tgt Ion: 95 Resp: 148442

Ion Ratio Lower Upper

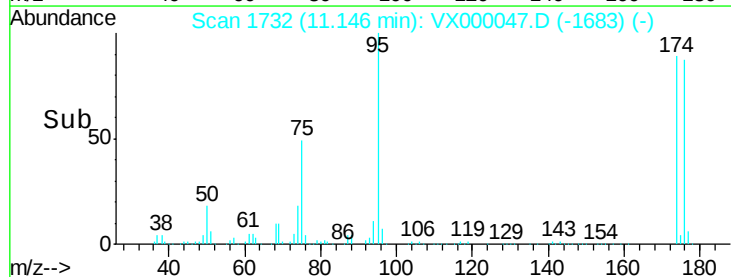
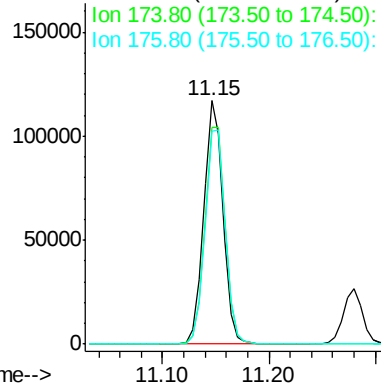
95 100

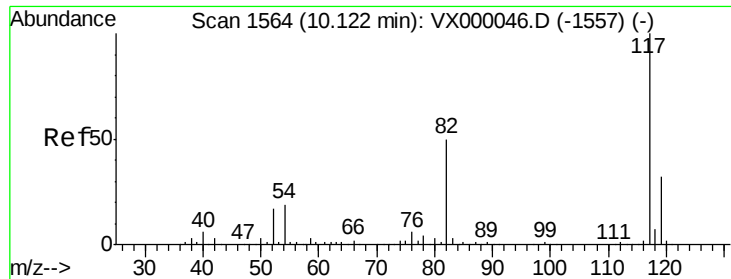
174 94.6 0.0 185.6

176 92.6 0.0 181.8



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

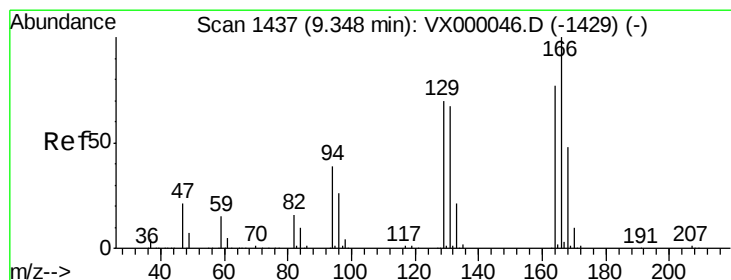
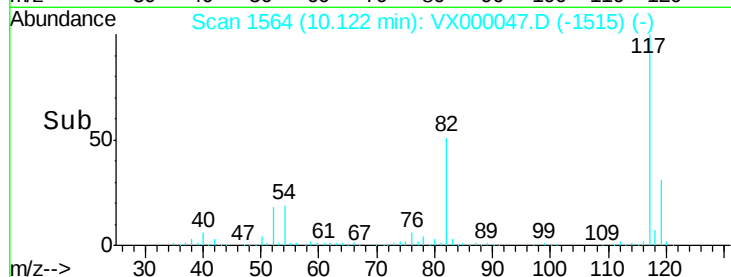
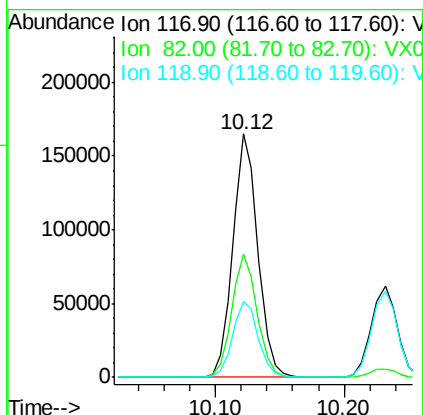
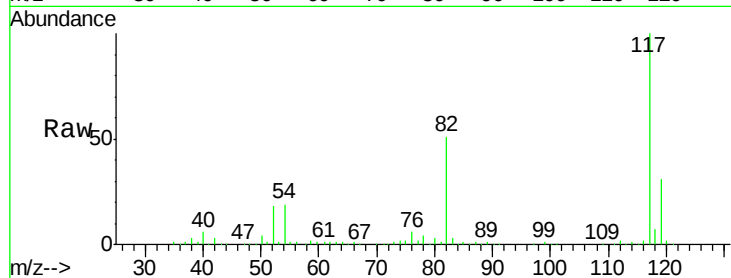




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000047.D
Acq: 09 Feb 2018 16:58

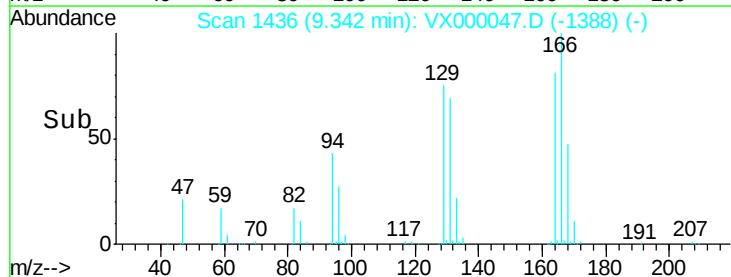
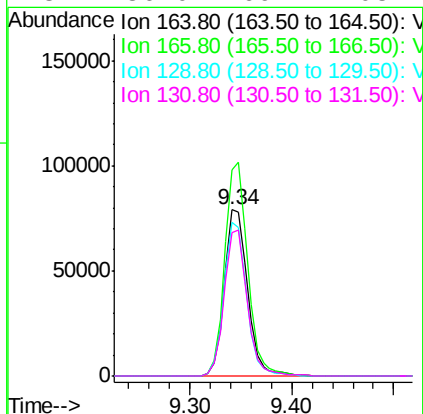
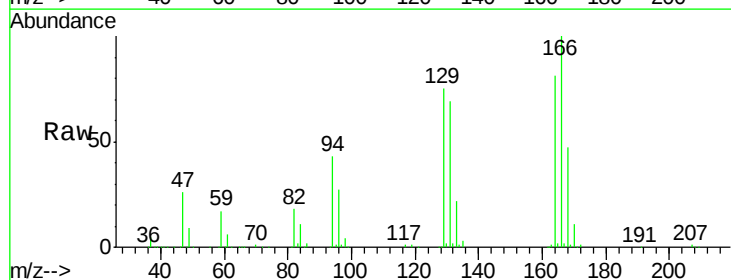
Instrument :
ClientSampleId :
VSTDIC075

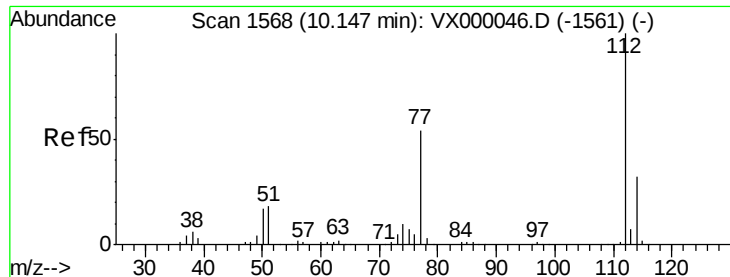
Tgt Ion:117 Resp: 222627
Ion Ratio Lower Upper
117 100
82 50.5 40.3 60.5
119 31.3 25.3 37.9



#64
Tetrachloroethene
Concen: 74.03 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.01 min
Lab File: VX000047.D
Acq: 09 Feb 2018 16:58

Tgt Ion:164 Resp: 125055
Ion Ratio Lower Upper
164 100
166 124.0 103.7 155.5
129 92.7 72.2 108.4
131 86.0 69.1 103.7

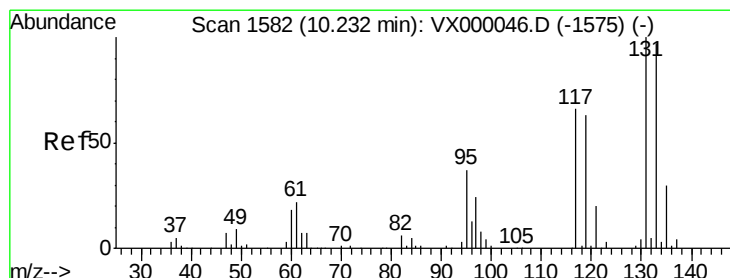
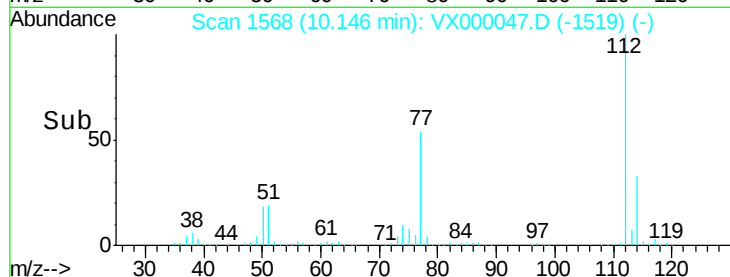
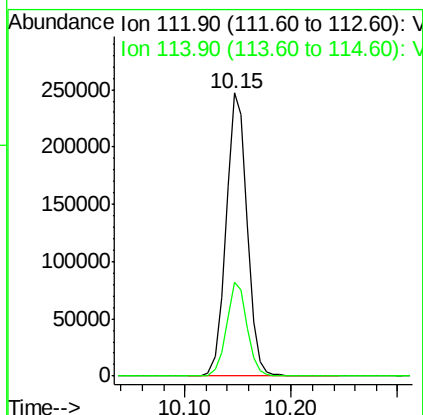
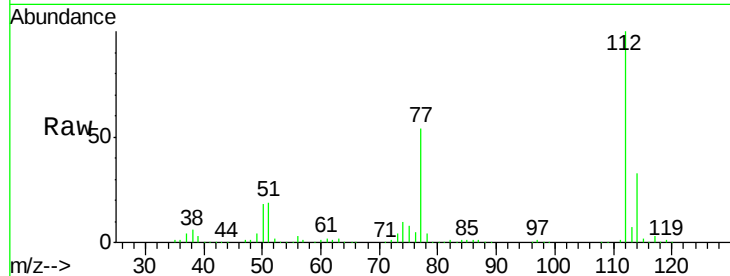




#65
Chlorobenzene
Concen: 75.61 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000047.D
Acq: 09 Feb 2018 16:58

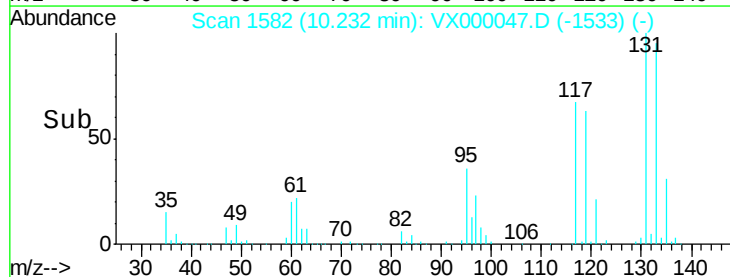
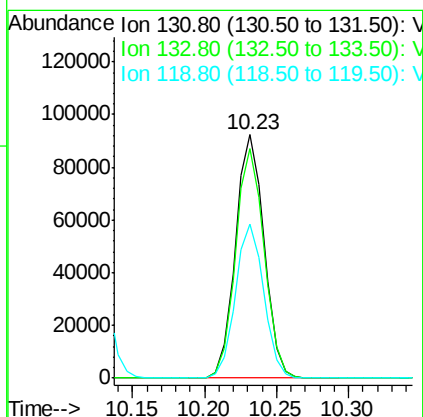
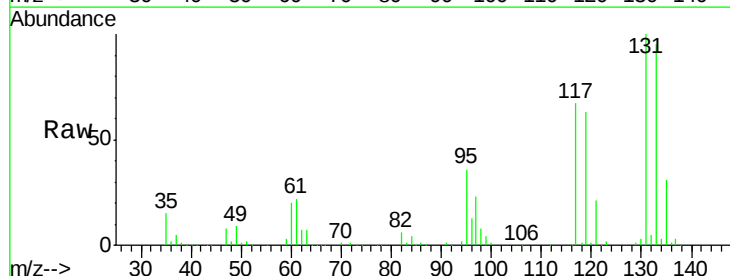
Instrument :
ClientSampled :
VSTDIC075

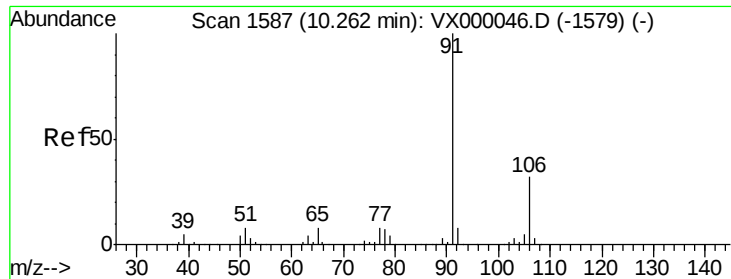
Tgt Ion:112 Resp: 340559
Ion Ratio Lower Upper
112 100
114 33.2 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 77.74 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000047.D
Acq: 09 Feb 2018 16:58

Tgt Ion:131 Resp: 127707
Ion Ratio Lower Upper
131 100
133 94.5 47.6 142.9
119 62.9 31.7 95.1





#67

Ethyl Benzene

Concen: 75.08 ug/l

RT: 10.26 min Scan# 1587

Delta R.T. -0.00 min

Lab File: VX000047.D

Acq: 09 Feb 2018 16:58

Instrument :

ClientSampleId :

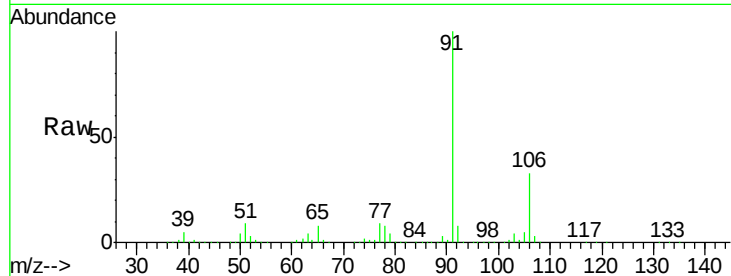
VSTDIC075

Tgt Ion: 91 Resp: 565725

Ion Ratio Lower Upper

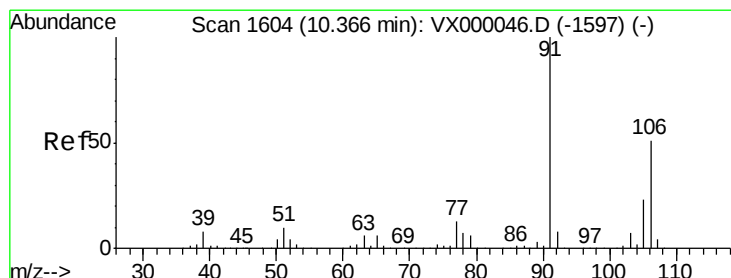
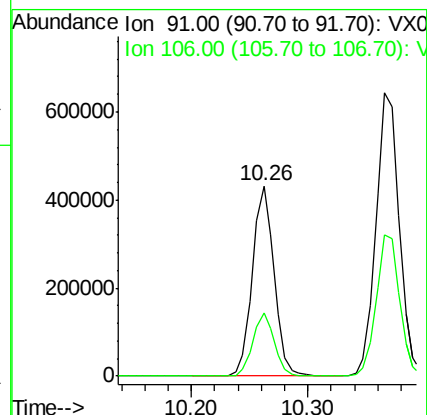
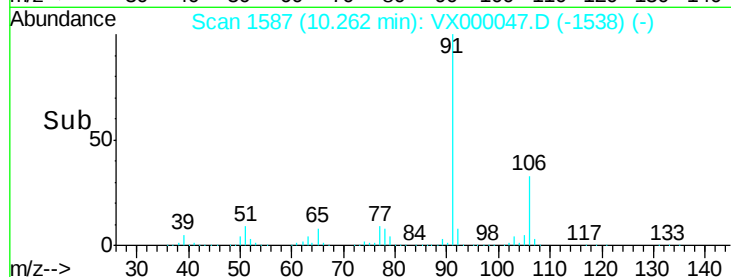
91 100

106 33.1 25.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 152.04 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX000047.D

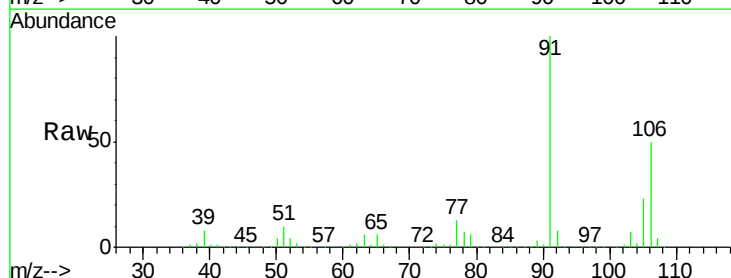
Acq: 09 Feb 2018 16:58

Tgt Ion: 106 Resp: 453368

Ion Ratio Lower Upper

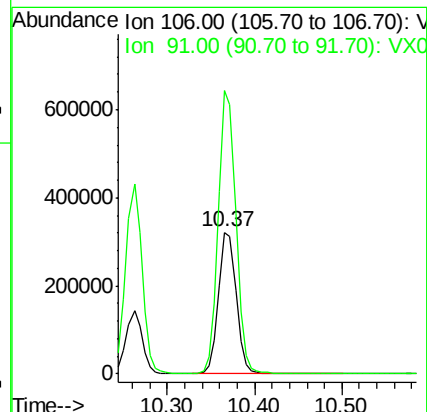
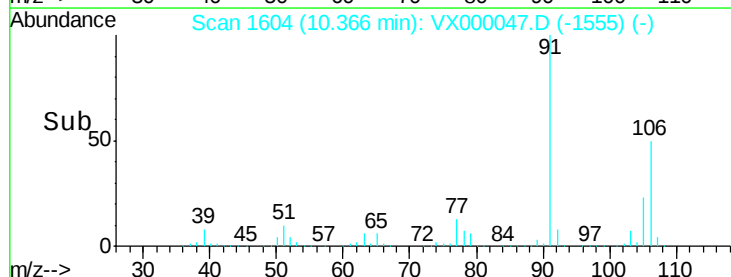
106 100

91 198.0 158.3 237.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

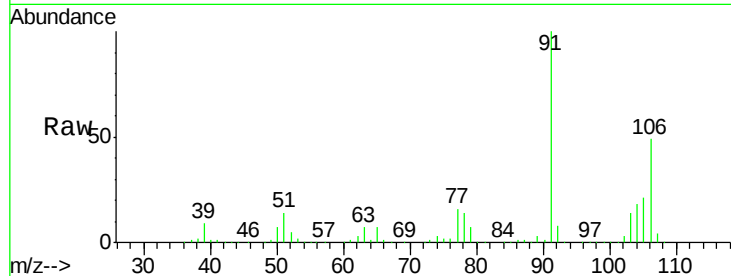




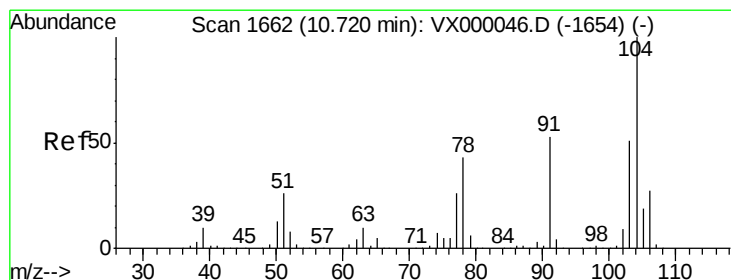
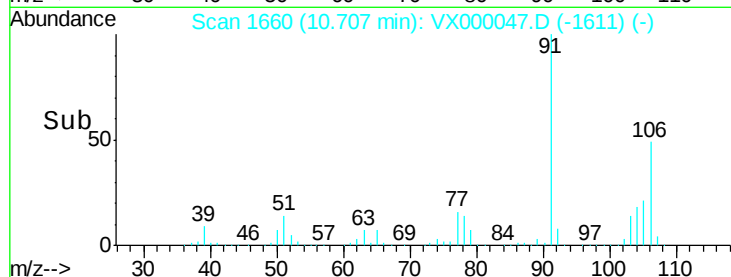
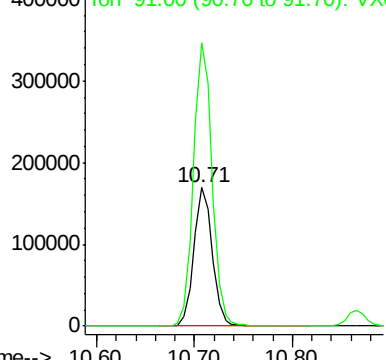
#69
o-Xylene
Concen: 76.52 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000047.D
Acq: 09 Feb 2018 16:58

Instrument :
ClientSampleId :
VSTDIC075

Tgt Ion:106 Resp: 221715
Ion Ratio Lower Upper
106 100
91 206.7 104.0 312.0

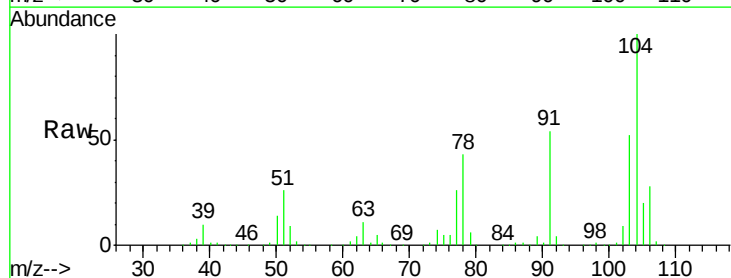


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

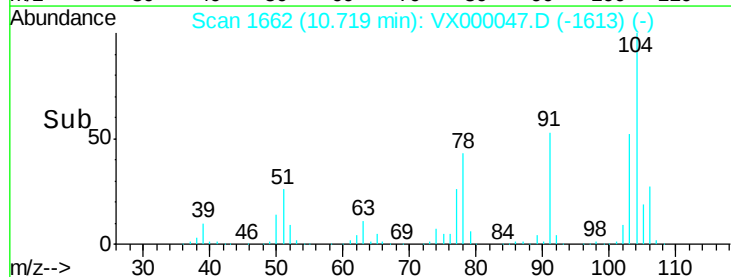
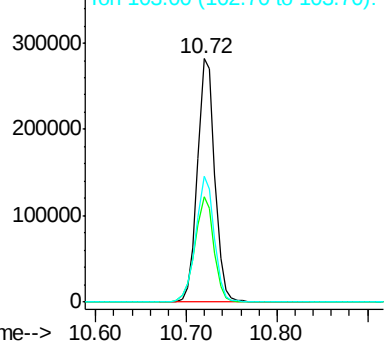


#70
Styrene
Concen: 78.05 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000047.D
Acq: 09 Feb 2018 16:58

Tgt Ion:104 Resp: 375741
Ion Ratio Lower Upper
104 100
78 47.4 37.7 56.5
103 55.1 44.0 66.0



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: 82.99 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VX000047.D

Acq: 09 Feb 2018 16:58

Instrument :

ClientSampleId :

VSTDIC075

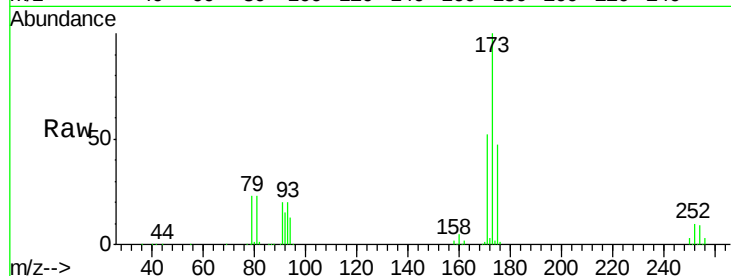
Tgt Ion:173 Resp: 128421

Ion Ratio Lower Upper

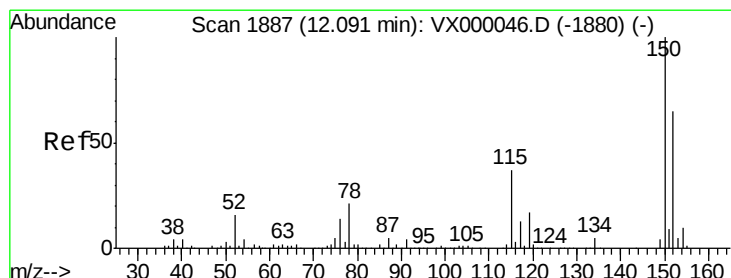
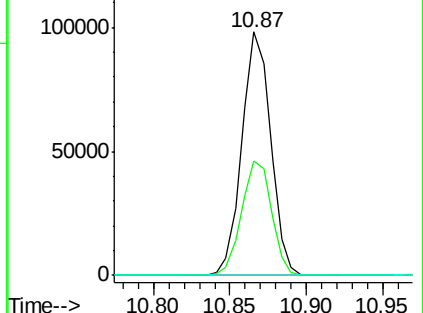
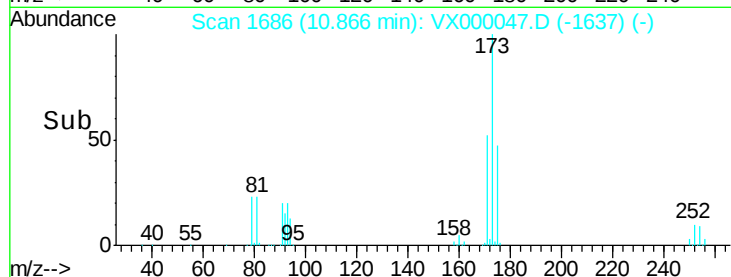
173 100

175 48.8 23.9 71.8

254 0.1 0.1 0.1



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# 1887

Delta R.T. -0.00 min

Lab File: VX000047.D

Acq: 09 Feb 2018 16:58

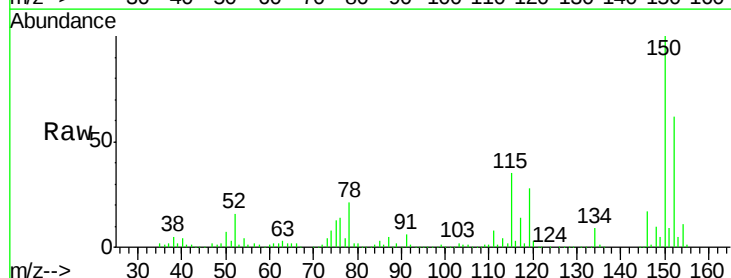
Tgt Ion:152 Resp: 125917

Ion Ratio Lower Upper

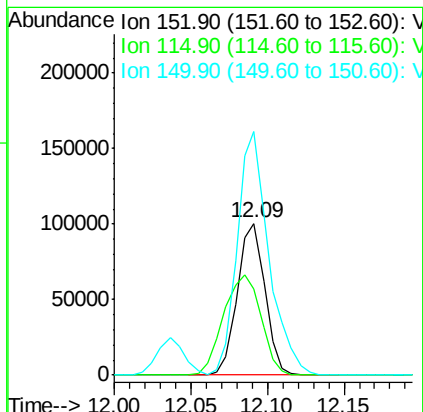
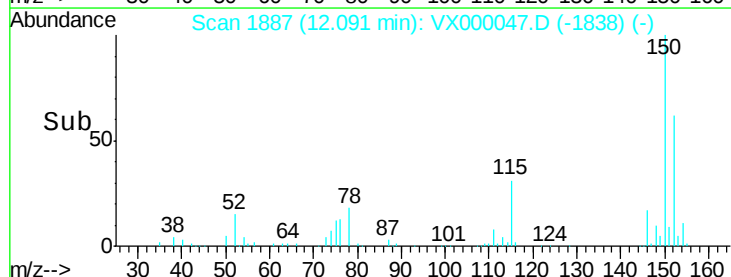
152 100

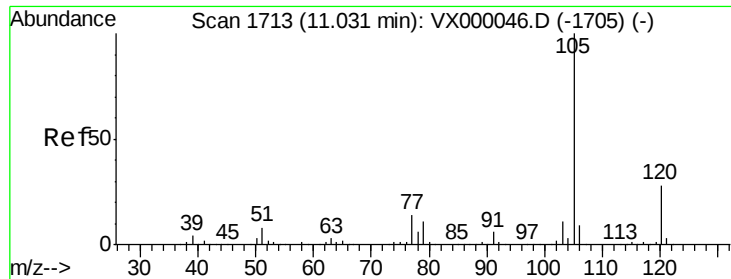
115 89.7 39.3 117.8

150 182.8 0.0 349.2



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: 76.48 ug/l

RT: 11.03 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VX000047.D

Acq: 09 Feb 2018 16:58

Instrument :

ClientSampleId :

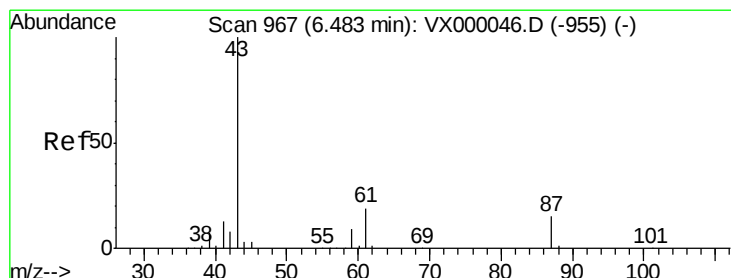
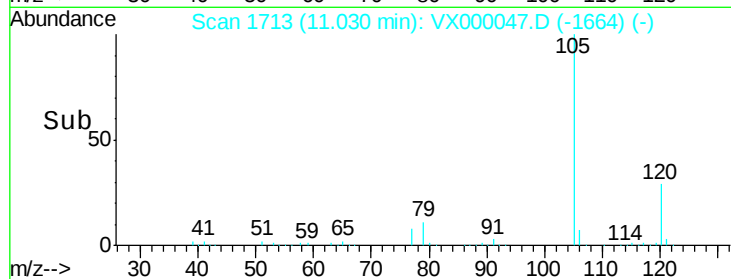
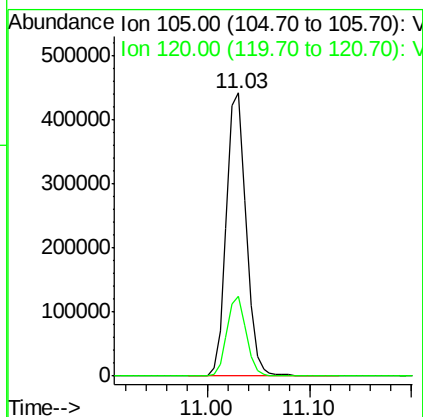
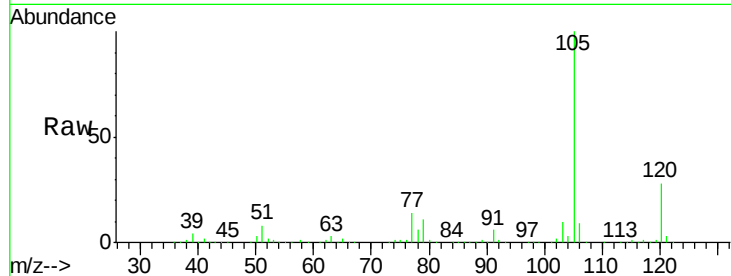
VSTDIC075

Tgt Ion:105 Resp: 593483

Ion Ratio Lower Upper

105 100

120 27.6 13.8 41.3



#74

N-ethyl acetate

Concen: 74.62 ug/l

RT: 6.49 min Scan# 968

Delta R.T. 0.01 min

Lab File: VX000047.D

Acq: 09 Feb 2018 16:58

Tgt Ion: 43 Resp: 289377

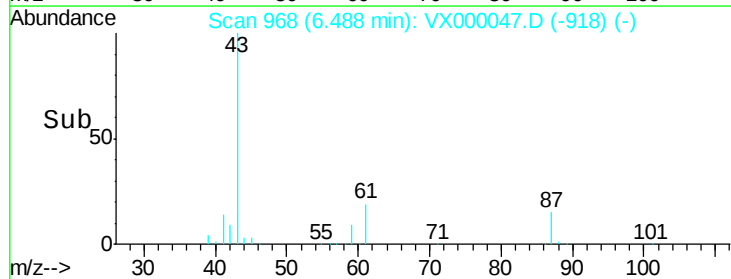
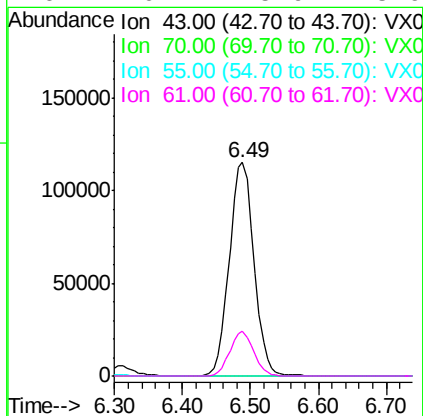
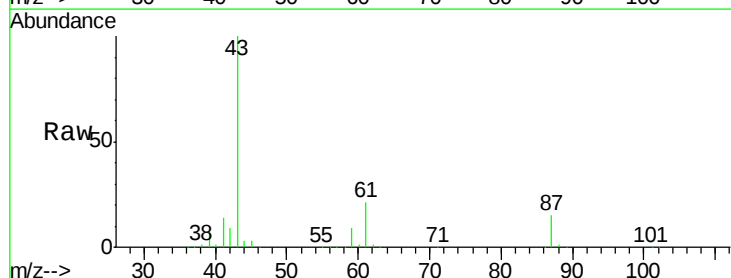
Ion Ratio Lower Upper

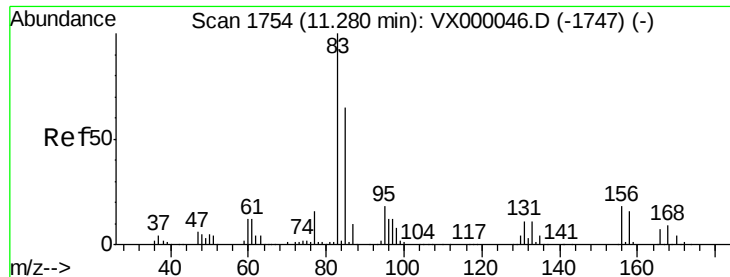
43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 20.2 15.9 23.9





#75

1,1,2,2-Tetrachloroethane

Concen: 76.49 ug/l

RT: 11.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VX000047.D

Acq: 09 Feb 2018 16:58

Instrument :

ClientSampleId :

VSTDIC075

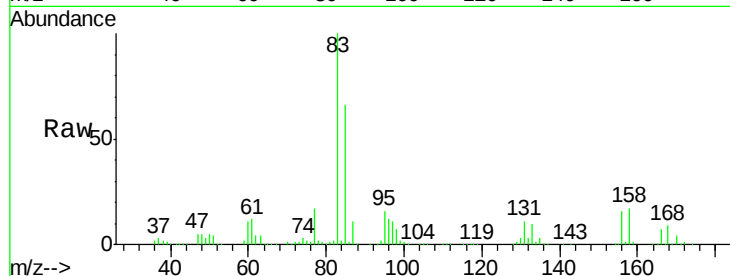
Tgt Ion: 83 Resp: 203090

Ion Ratio Lower Upper

83 100

131 11.5 5.5 16.7

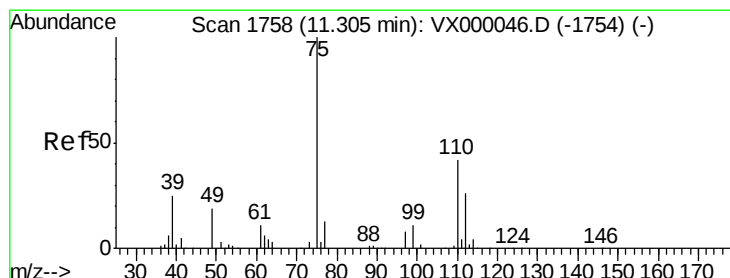
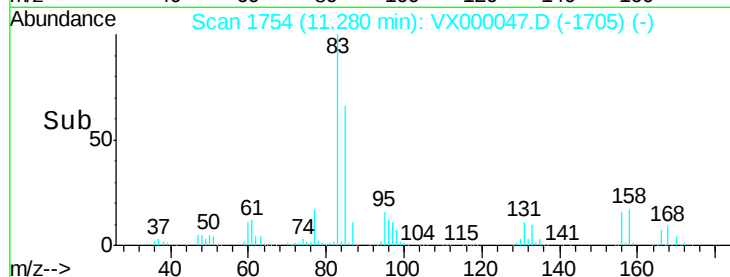
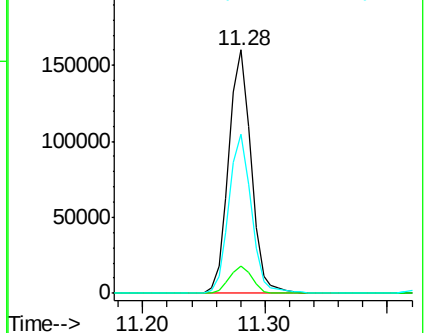
85 65.5 32.6 97.7



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: 107.93 ug/l

RT: 11.31 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VX000047.D

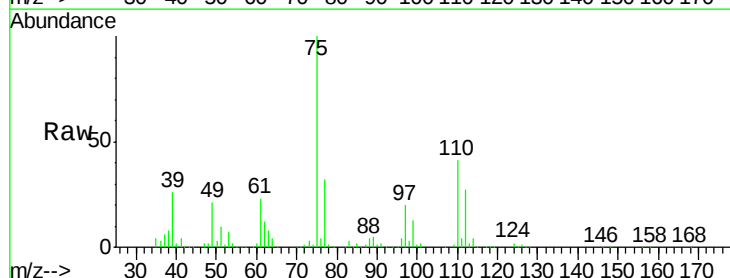
Acq: 09 Feb 2018 16:58

Tgt Ion: 75 Resp: 259627

Ion Ratio Lower Upper

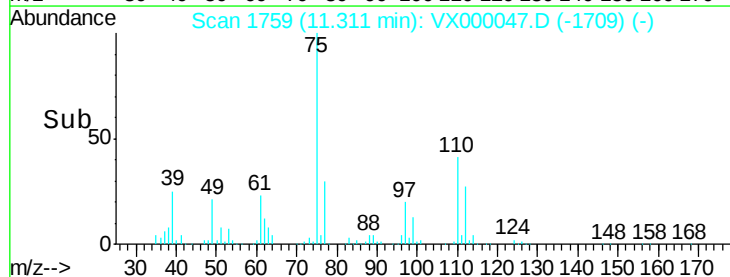
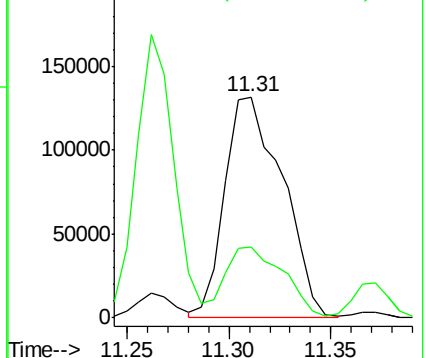
75 100

77 32.4 23.7 71.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 78.90 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.01 min

Lab File: VX000047.D

Acq: 09 Feb 2018 16:58

Instrument :

ClientSampleId :

VSTDIC075

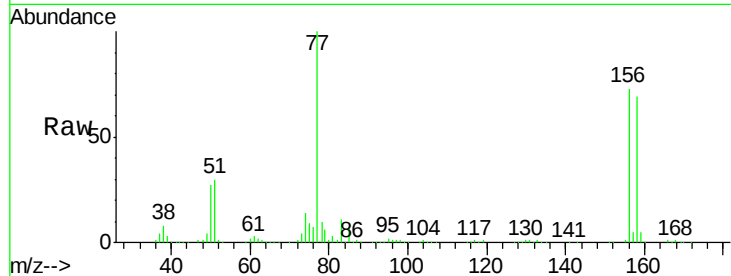
Tgt Ion:156 Resp: 163140

Ion Ratio Lower Upper

156 100

77 132.1 66.2 198.6

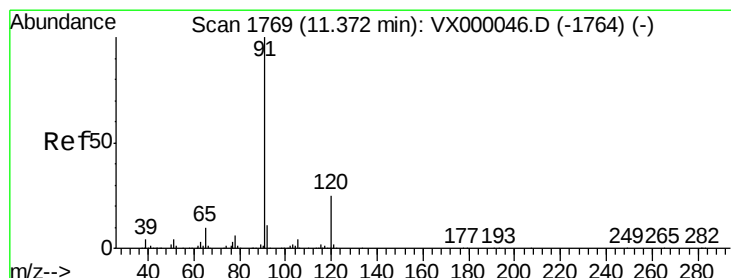
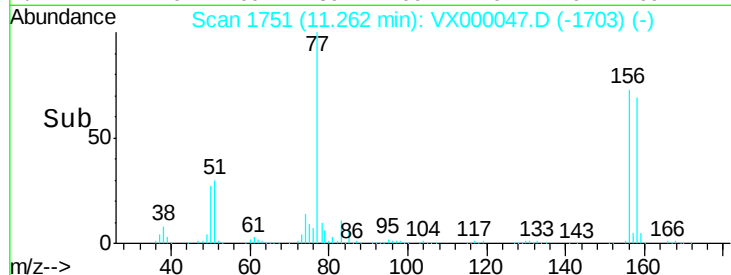
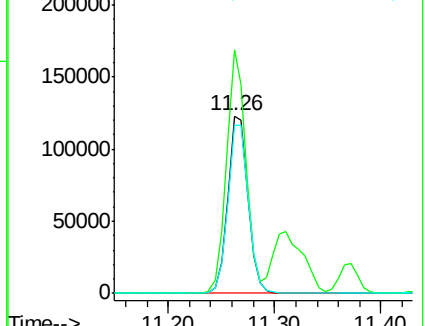
158 97.1 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 76.40 ug/l

RT: 11.37 min Scan# 1769

Delta R.T. -0.00 min

Lab File: VX000047.D

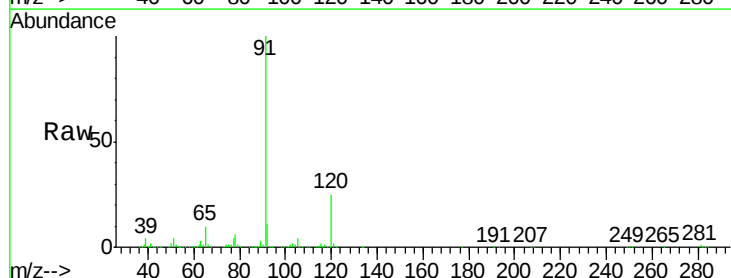
Acq: 09 Feb 2018 16:58

Tgt Ion: 91 Resp: 688308

Ion Ratio Lower Upper

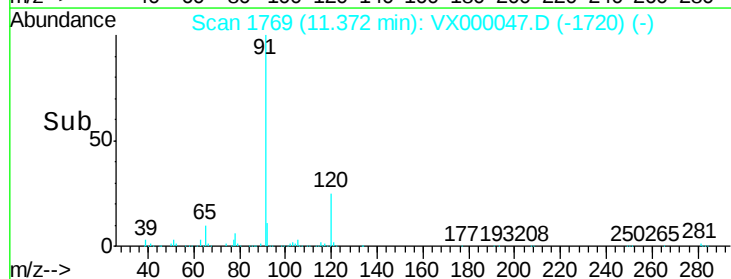
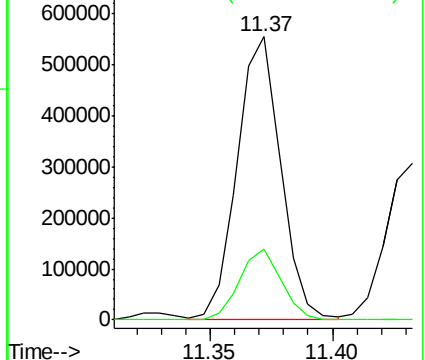
91 100

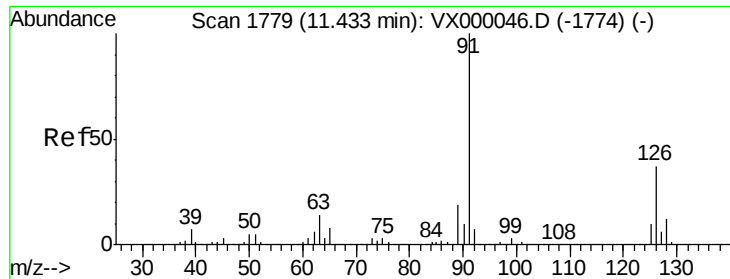
120 24.5 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 77.38 ug/l

RT: 11.43 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX000047.D

Acq: 09 Feb 2018 16:58

Instrument :

ClientSampleId :

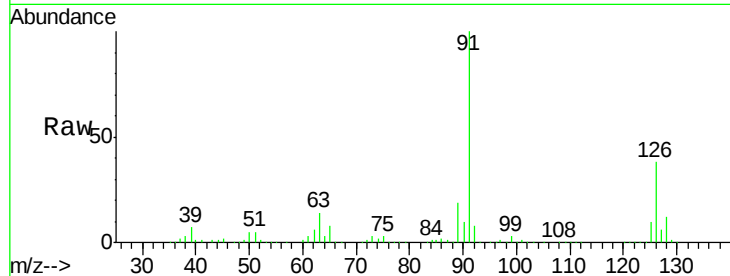
VSTDIC075

Tgt Ion: 91 Resp: 396094

Ion Ratio Lower Upper

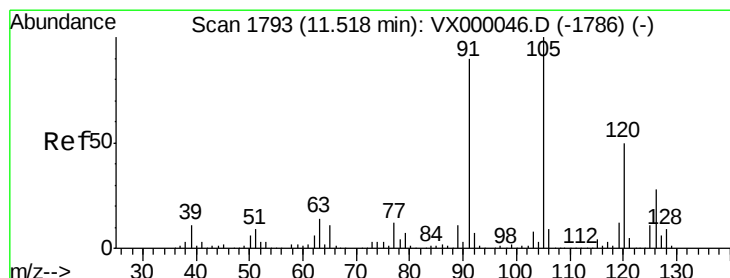
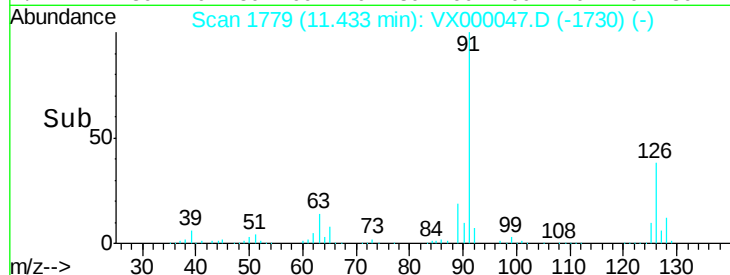
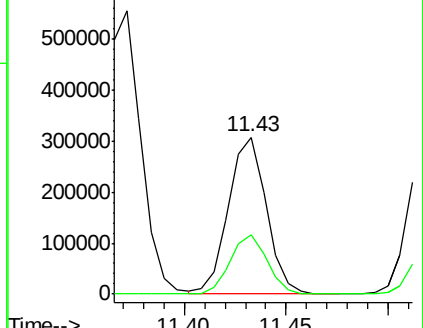
91 100

126 37.1 18.2 54.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 76.51 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000047.D

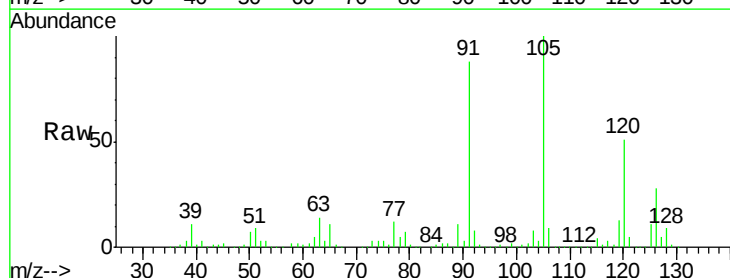
Acq: 09 Feb 2018 16:58

Tgt Ion: 105 Resp: 500203

Ion Ratio Lower Upper

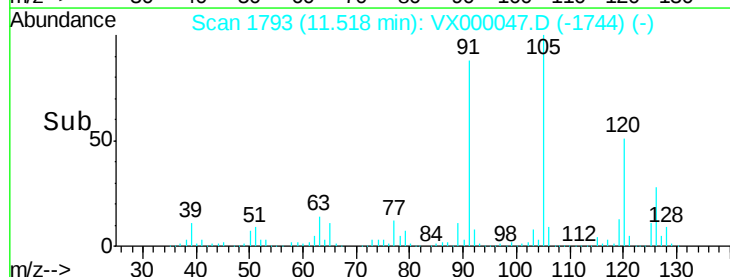
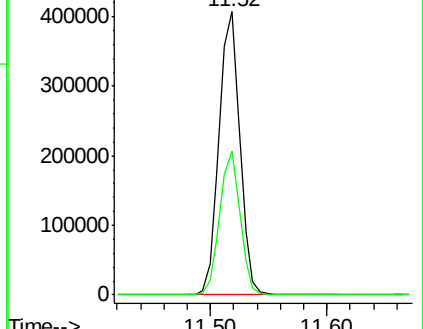
105 100

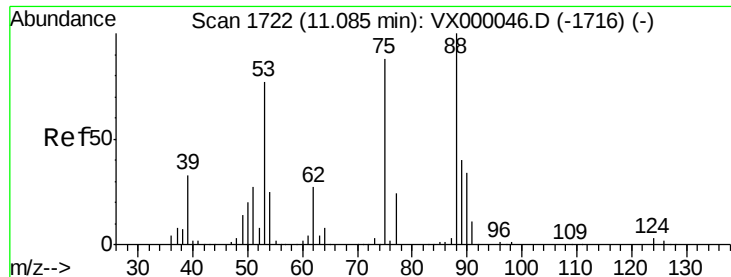
120 50.0 24.8 74.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 88.65 ug/l

RT: 11.09 min Scan# 1722

Delta R.T. -0.00 min

Lab File: VX000047.D

Acq: 09 Feb 2018 16:58

Instrument :

ClientSampleId :

VSTDIC075

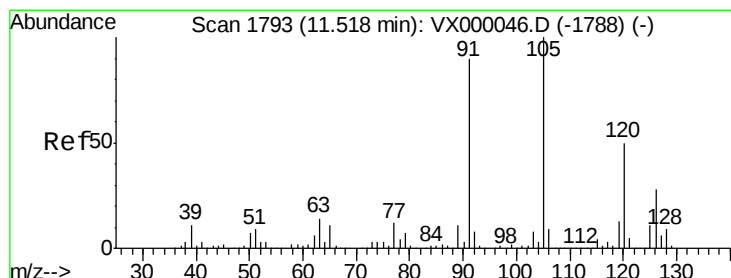
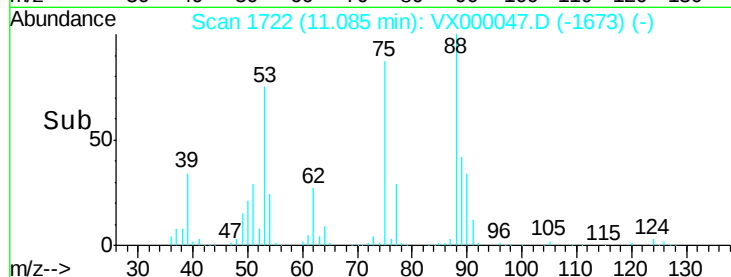
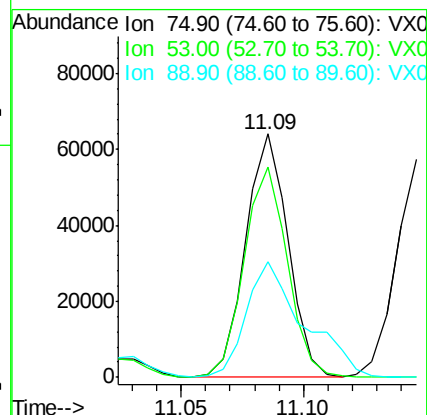
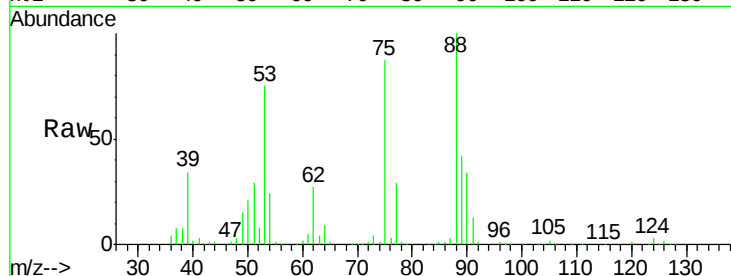
Tgt Ion: 75 Resp: 77019

Ion Ratio Lower Upper

75 100

53 88.5 70.3 105.5

89 64.6 48.6 72.8



#82

4-Chlorotoluene

Concen: 76.63 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000047.D

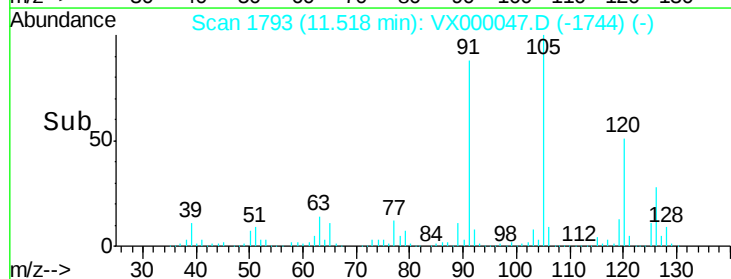
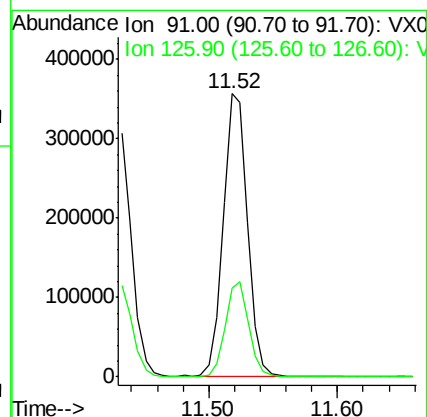
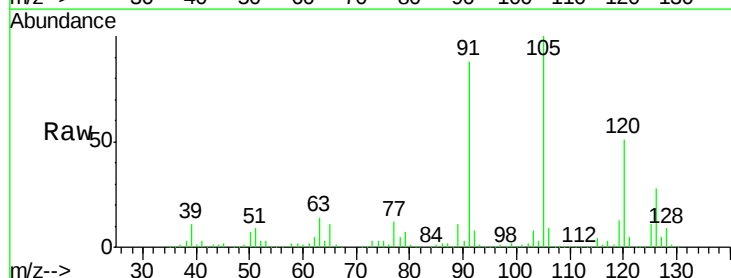
Acq: 09 Feb 2018 16:58

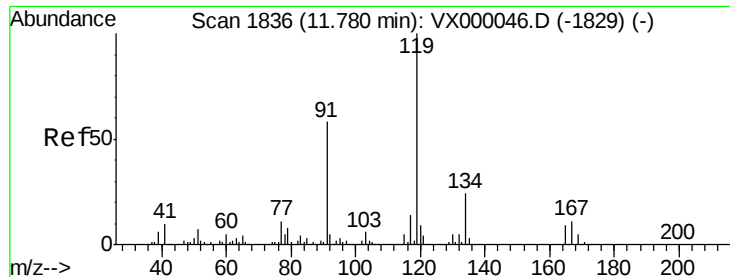
Tgt Ion: 91 Resp: 475194

Ion Ratio Lower Upper

91 100

126 32.5 16.3 48.8

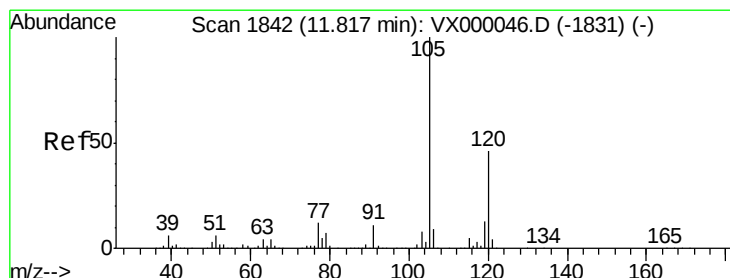
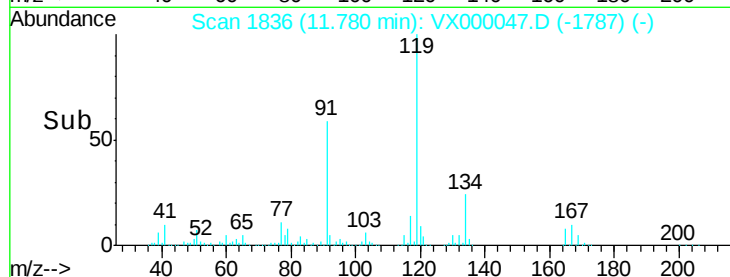
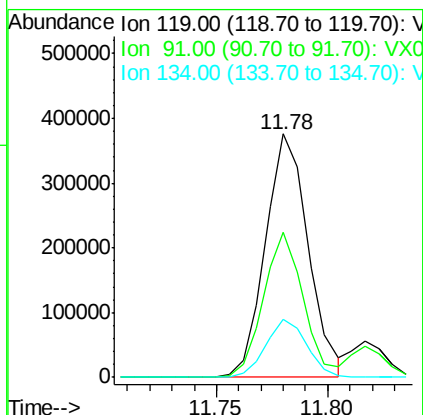
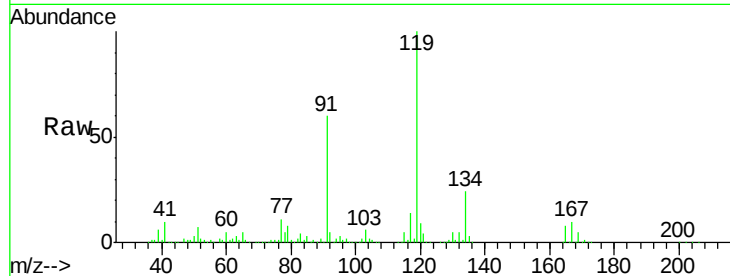




#83
 tert-Butylbenzene
 Concen: 76.04 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000047.D
 Acq: 09 Feb 2018 16:58

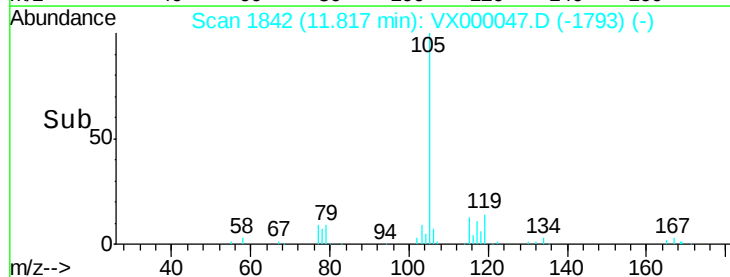
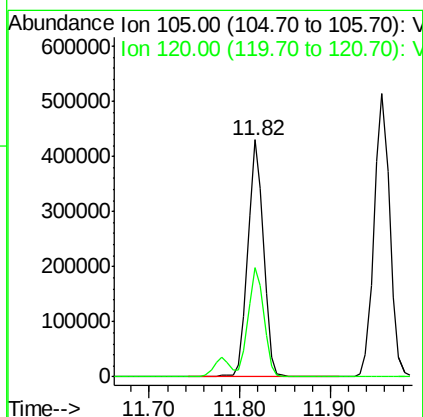
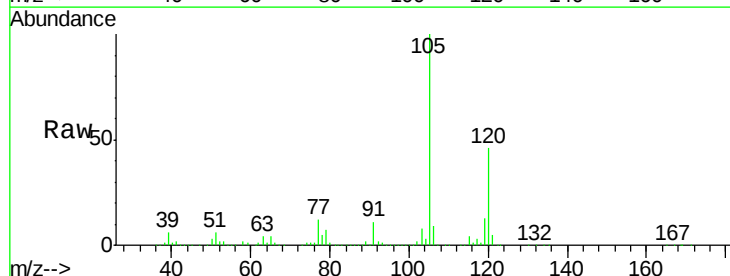
Instrument :
 ClientSampled :
 VSTDIC075

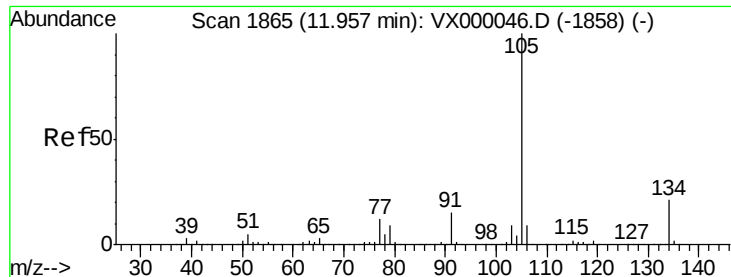
Tgt Ion:119 Resp: 502178
 Ion Ratio Lower Upper
 119 100
 91 55.7 27.9 83.7
 134 23.0 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 76.40 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000047.D
 Acq: 09 Feb 2018 16:58

Tgt Ion:105 Resp: 514669
 Ion Ratio Lower Upper
 105 100
 120 45.7 23.4 70.2

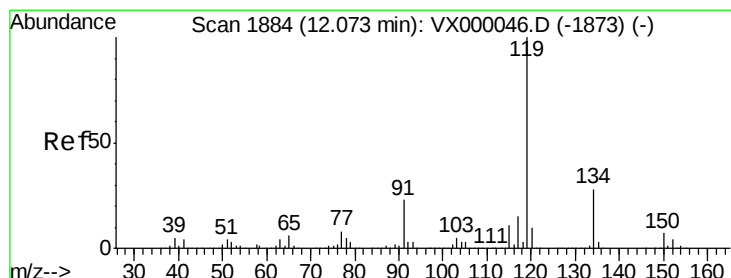
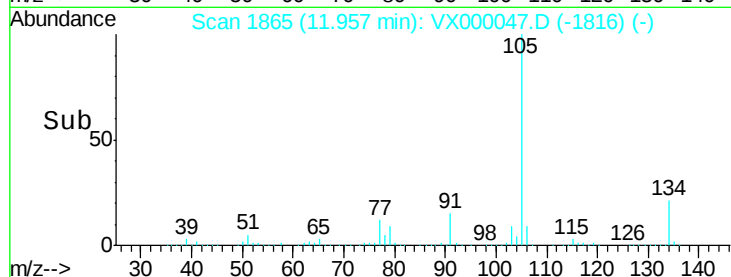
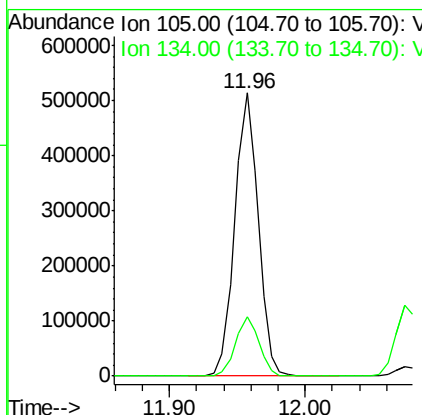
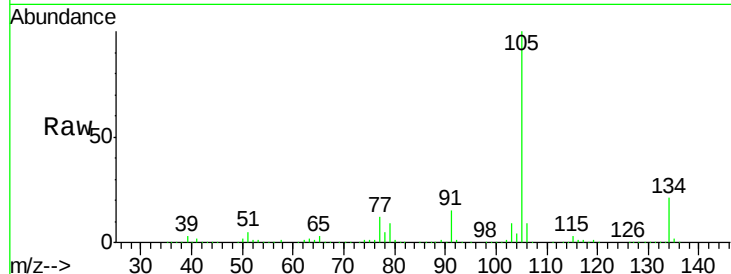




#85
 sec-Butylbenzene
 Concen: 75.90 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VX000047.D
 Acq: 09 Feb 2018 16:58

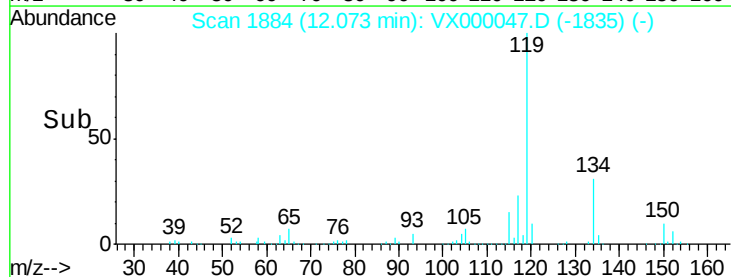
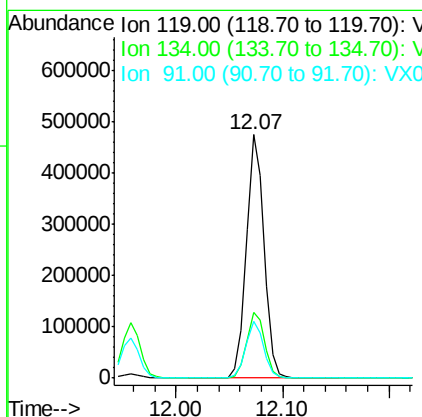
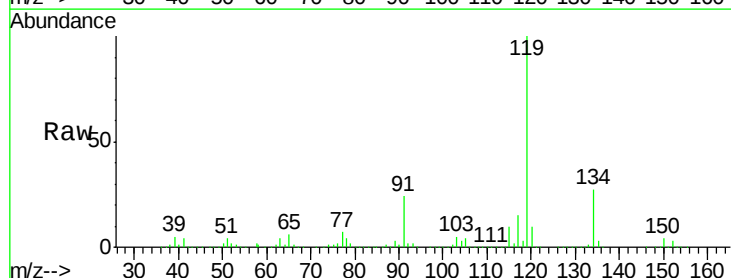
Instrument :
 ClientSampled :
 VSTDIC075

Tgt Ion:105 Resp: 615609
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.6 31.8



#86
 p-Isopropyltoluene
 Concen: 75.88 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX000047.D
 Acq: 09 Feb 2018 16:58

Tgt Ion:119 Resp: 554643
 Ion Ratio Lower Upper
 119 100
 134 27.5 14.0 41.9
 91 23.5 11.6 34.7





#87

1,3-Dichlorobenzene

Concen: 75.35 ug/l

RT: 12.04 min Scan# 1878

Delta R.T. -0.00 min

Lab File: VX000047.D

Acq: 09 Feb 2018 16:58

Instrument :

ClientSampled :

VSTDIC075

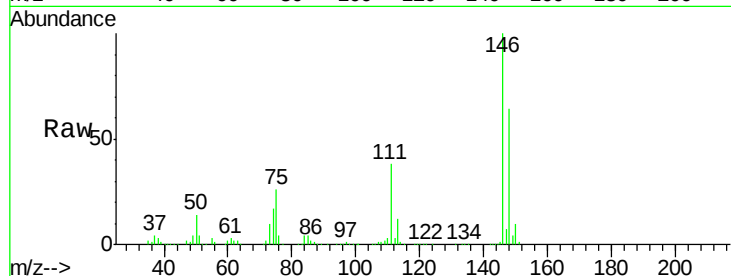
Tgt Ion:146 Resp: 302395

Ion Ratio Lower Upper

146 100

111 37.9 18.9 56.9

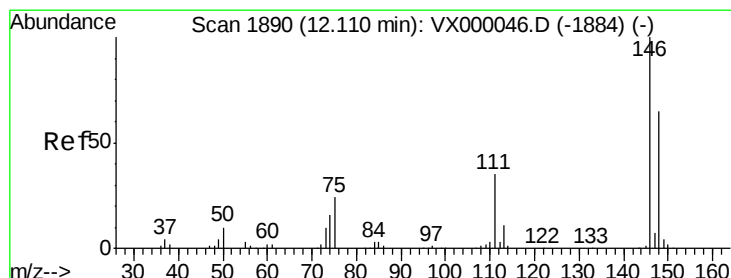
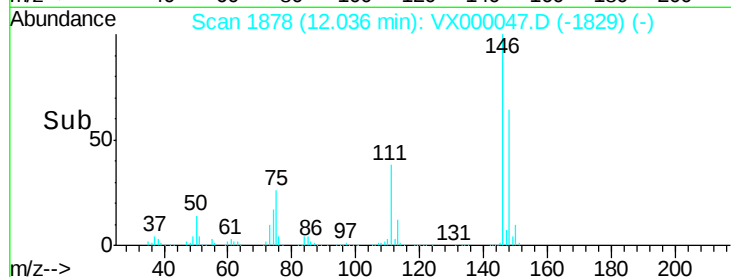
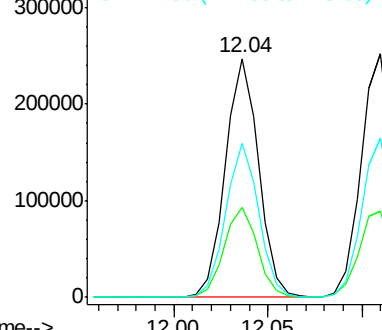
148 64.0 31.8 95.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 75.22 ug/l

RT: 12.11 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VX000047.D

Acq: 09 Feb 2018 16:58

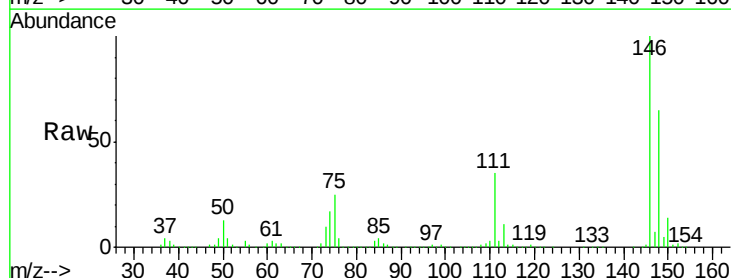
Tgt Ion:146 Resp: 306420

Ion Ratio Lower Upper

146 100

111 36.9 18.7 56.1

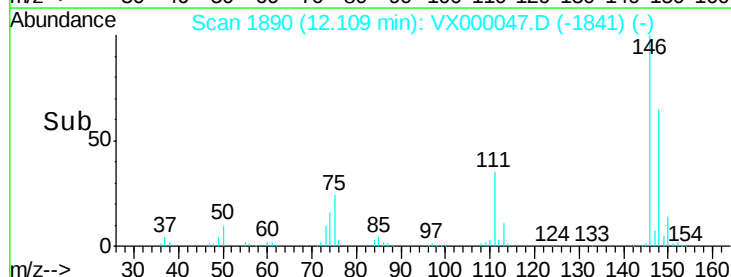
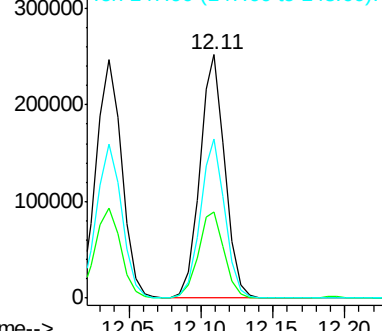
148 64.2 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 75.21 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000047.D

Acq: 09 Feb 2018 16:58

Instrument :

ClientSampled :

VSTDIC075

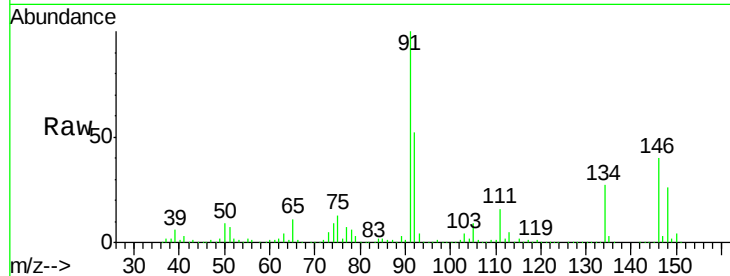
Tgt Ion: 91 Resp: 513467

Ion Ratio Lower Upper

91 100

92 52.5 26.1 78.2

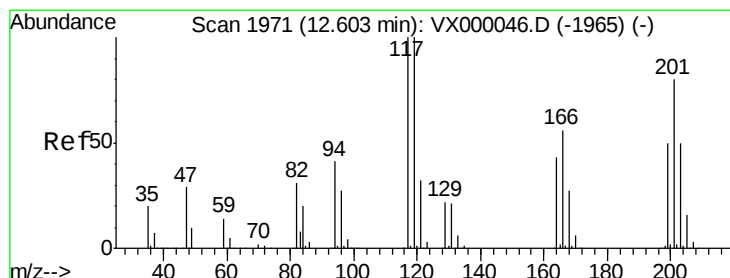
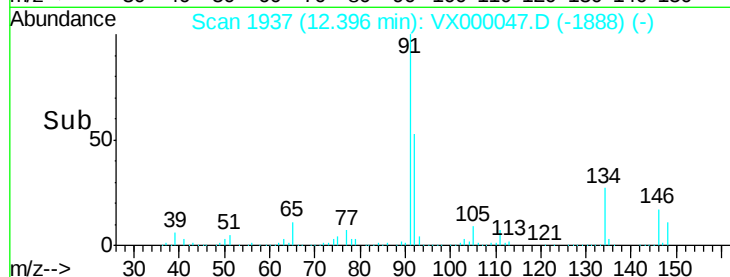
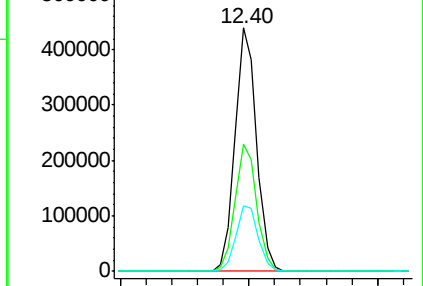
134 28.0 14.1 42.2



Abundance Ion 91.00 (90.70 to 91.70): VX000046.D (-1931) (-)

Ion 92.00 (91.70 to 92.70): VX000046.D (-1931) (-)

Ion 134.00 (133.70 to 134.70): VX000046.D (-1931) (-)



#90

Hexachloroethane

Concen: 83.74 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX000047.D

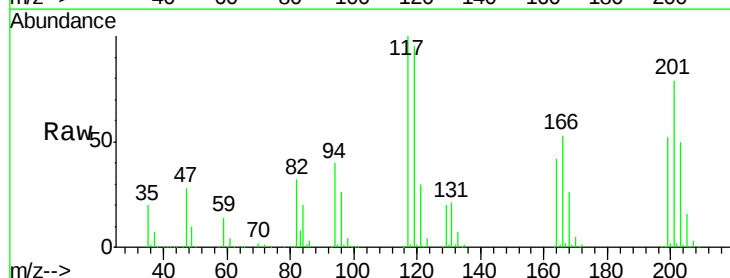
Acq: 09 Feb 2018 16:58

Tgt Ion: 117 Resp: 98476

Ion Ratio Lower Upper

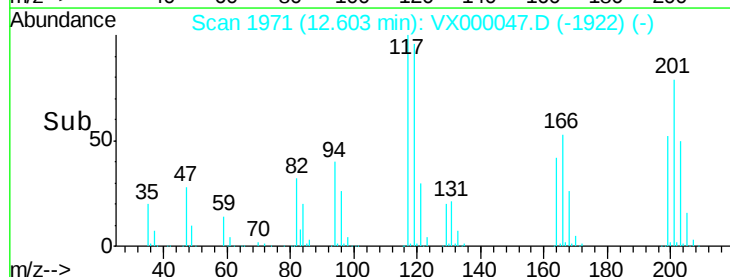
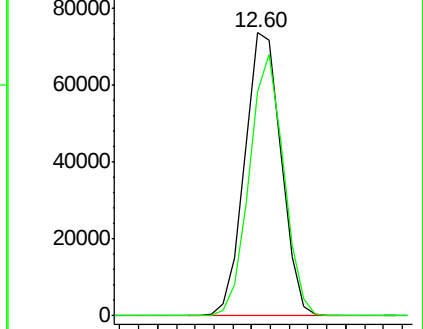
117 100

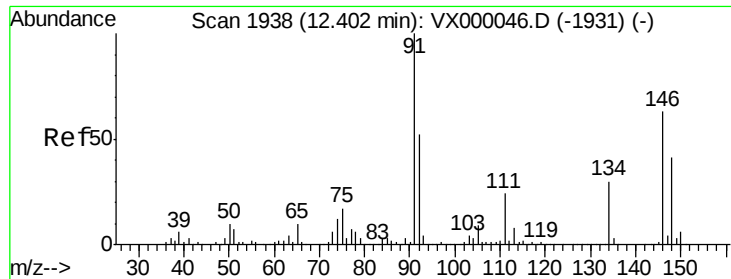
201 87.1 43.5 130.7



Abundance Ion 116.80 (116.50 to 117.50): VX000046.D (-1965) (-)

Ion 200.70 (200.40 to 201.40): VX000046.D (-1965) (-)

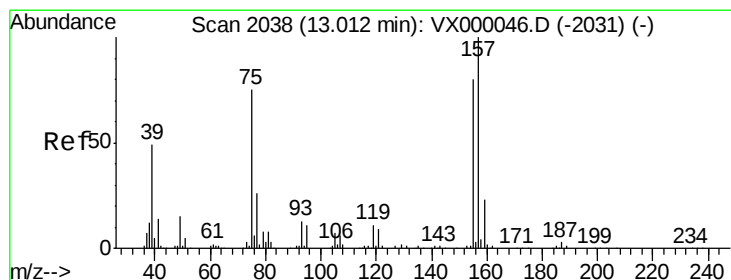
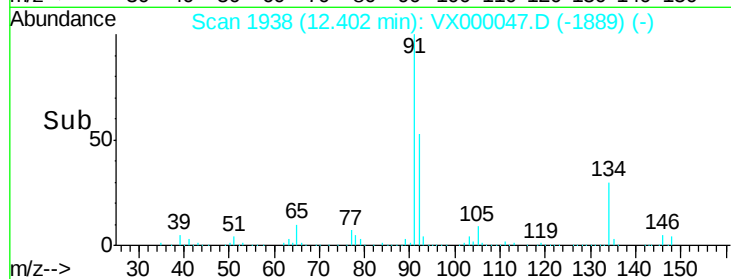
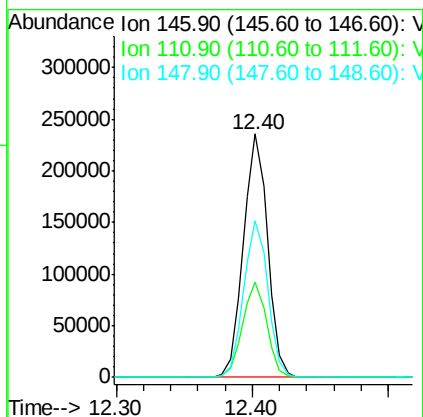
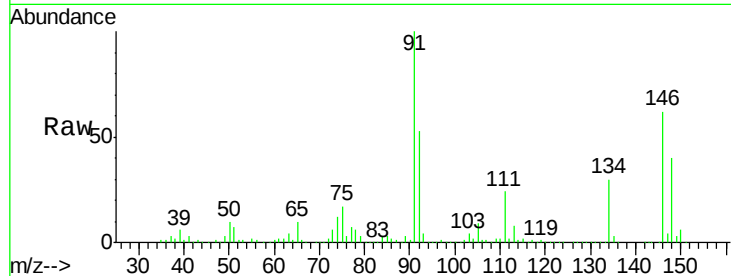




#91
 1,2-Dichlorobenzene
 Concen: 74.68 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VX000047.D
 Acq: 09 Feb 2018 16:58

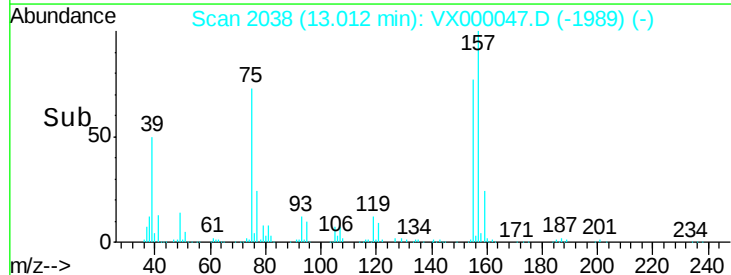
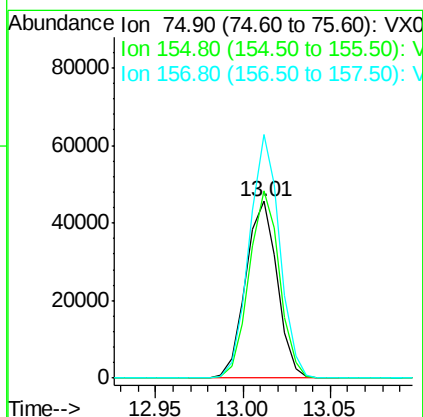
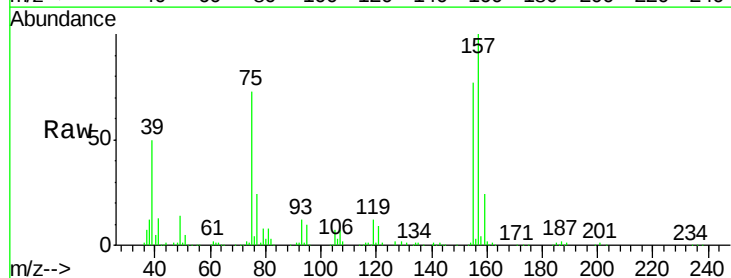
Instrument :
 ClientSampleId :
 VSTDIC075

Tgt Ion:146 Resp: 292355
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.4 58.2
 148 64.4 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 73.23 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. -0.00 min
 Lab File: VX000047.D
 Acq: 09 Feb 2018 16:58

Tgt Ion: 75 Resp: 57163
 Ion Ratio Lower Upper
 75 100
 155 101.7 52.0 156.0
 157 132.4 65.3 195.9

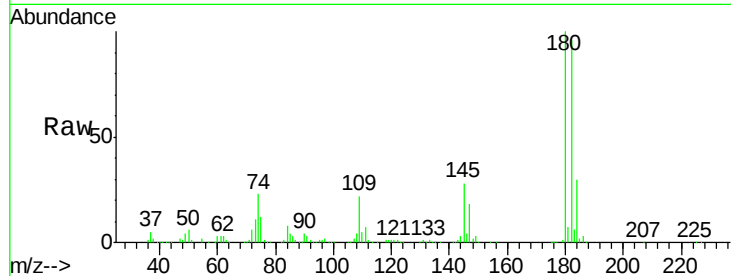




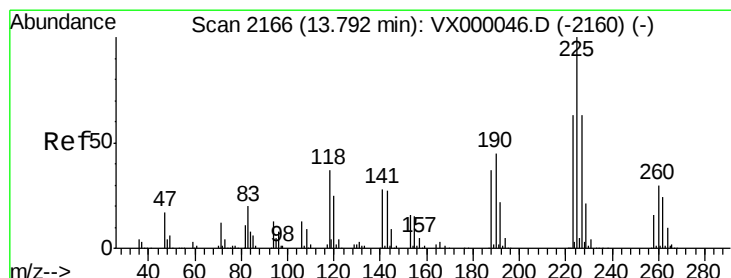
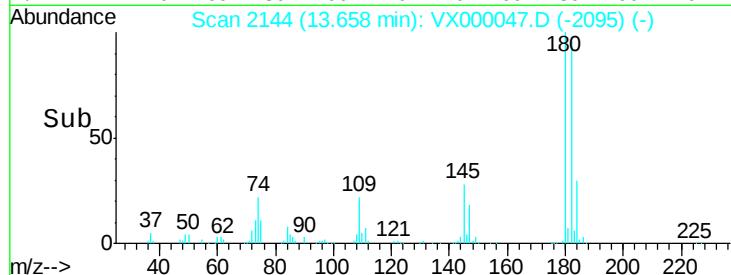
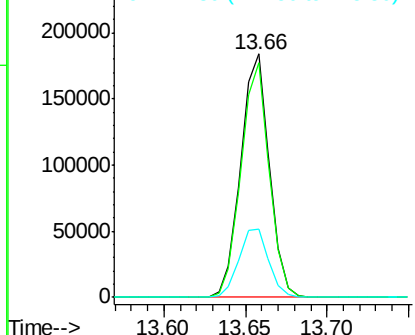
#93
 1,2,4-Trichlorobenzene
 Concen: 74.14 ug/l
 RT: 13.66 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: VX000047.D
 Acq: 09 Feb 2018 16:58

Instrument :
 ClientSampled :
 VSTDIC075

Tgt Ion:180 Resp: 224028
 Ion Ratio Lower Upper
 180 100
 182 95.3 48.0 144.0
 145 29.4 14.7 44.1

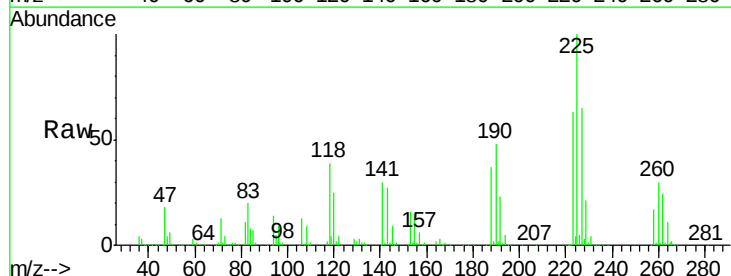


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

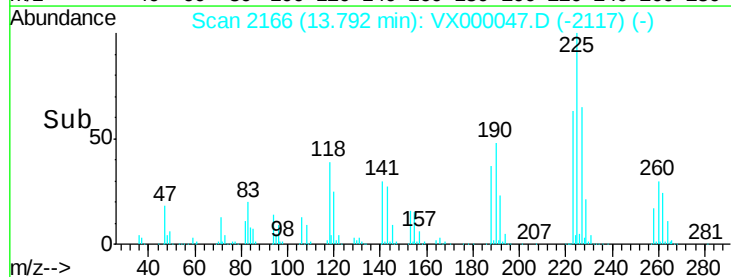
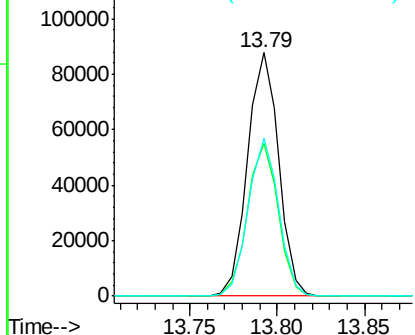


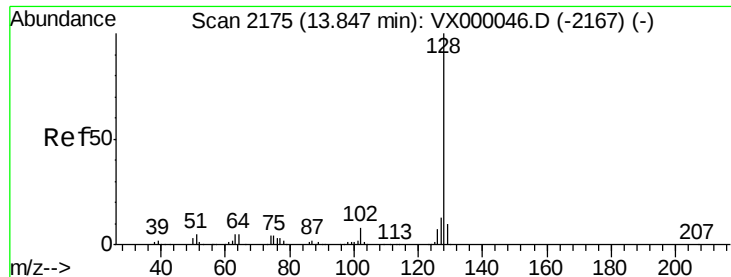
#94
 Hexachlorobutadiene
 Concen: 78.42 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000047.D
 Acq: 09 Feb 2018 16:58

Tgt Ion:225 Resp: 108481
 Ion Ratio Lower Upper
 225 100
 223 61.9 31.9 95.5
 227 63.2 31.6 95.0



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

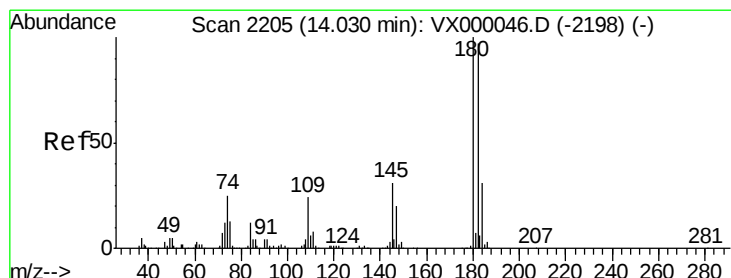
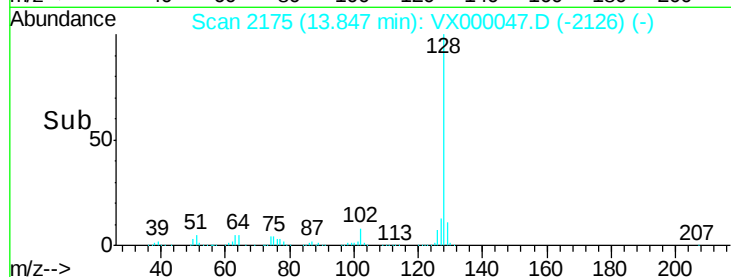
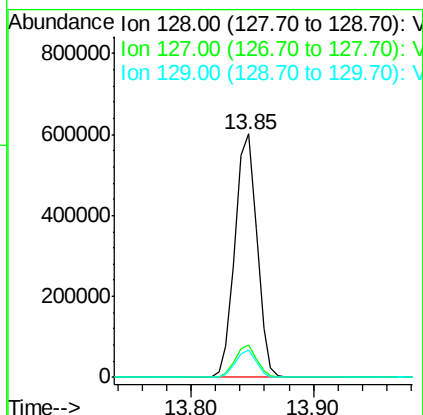
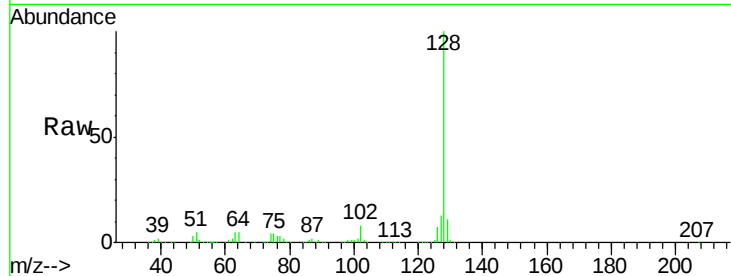




#95
Naphthalene
Concen: 73.10 ug/l
RT: 13.85 min Scan# 2175
Delta R.T. -0.00 min
Lab File: VX000047.D
Acq: 09 Feb 2018 16:58

Instrument :
ClientSampled :
VSTDIC075

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.8	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 74.33 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. -0.00 min
Lab File: VX000047.D
Acq: 09 Feb 2018 16:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.9	143.7
145	31.0	15.7	47.0

