

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX040718\
 Data File : VX000717.D
 Acq On : 07 Apr 2018 15:49
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Apr 07 16:40:20 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040718W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 07 16:39:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	327312	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	438906	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	409235	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	253278	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	334046	92.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	185.38%	
35) Dibromofluoromethane	5.51	113	281929	98.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	196.68%	
50) Toluene-d8	8.72	98	1044793	99.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	198.52%	
62) 4-Bromofluorobenzene	11.15	95	430107	100.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	201.58%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	287803	98.02	ug/l	99
3) Chloromethane	1.32	50	229539	95.07	ug/l	97
4) Vinyl Chloride	1.40	62	240650	95.41	ug/l	99
5) Bromomethane	1.64	94	130208	93.39	ug/l	98
6) Chloroethane	1.72	64	145222	94.28	ug/l	99
7) Trichlorofluoromethane	1.93	101	400741	97.06	ug/l	99
8) Diethyl Ether	2.19	74	147042	95.55	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	244336	101.00	ug/l	99
10) Methyl Iodide	2.51	142	281673	106.65	ug/l	99
11) Tert butyl alcohol	3.09	59	283847	421.16	ug/l	100
12) 1,1-Dichloroethene	2.37	96	209067	96.01	ug/l	99
13) Acrolein	2.30	56	129252	496.33	ug/l	99
14) Allyl chloride	2.73	41	418167	96.14	ug/l	99
15) Acrylonitrile	3.15	53	614561	455.80	ug/l	100
16) Acetone	2.45	43	515195	455.21	ug/l	100
17) Carbon Disulfide	2.57	76	499644	96.54	ug/l	100
18) Methyl Acetate	2.78	43	329093	91.35	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	799874	95.07	ug/l	100
20) Methylene Chloride	2.86	84	247521	99.51	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	228119	97.75	ug/l	99
22) Diisopropyl ether	3.88	45	855131	95.56	ug/l	96
23) Vinyl Acetate	3.83	43	3597217	462.33	ug/l	99
24) 1,1-Dichloroethane	3.70	63	432220	92.77	ug/l	98
25) 2-Butanone	4.71	43	916958	439.73	ug/l	98
26) 2,2-Dichloropropane	4.59	77	456315	98.59	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	285513	95.23	ug/l	99
28) Bromochloromethane	5.03	49	188300	91.58	ug/l	99
29) Tetrahydrofuran	5.17	42	581278	436.96	ug/l	99
30) Chloroform	5.22	83	479915	95.86	ug/l	98
31) Cyclohexane	5.58	56	380263	97.78	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	458515	96.10	ug/l	99
36) 1,1-Dichloropropene	5.81	75	354314	101.91	ug/l	100
37) Ethyl Acetate	4.87	43	365228	92.53	ug/l	99
38) Carbon Tetrachloride	5.79	117	424028	100.48	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	420337	105.20	ug/l	97
40) Benzene	6.15	78	1006741	99.31	ug/l	100
41) Methacrylonitrile	5.07	41	219074	94.21	ug/l	99
42) 1,2-Dichloroethane	6.21	62	388878	96.35	ug/l	99
43) Isopropyl Acetate	6.48	43	658333	94.98	ug/l	99
44) Trichloroethene	7.22	130	313663	100.59	ug/l	98
45) 1,2-Dichloropropane	7.52	63	265571	97.17	ug/l	99
46) Dibromomethane	7.67	93	183150	97.76	ug/l	97
47) Bromodichloromethane	7.90	83	393330	99.50	ug/l	100
48) Methyl methacrylate	7.79	41	337075	94.74	ug/l	99
49) 1,4-Dioxane	7.77	88	126182	1749.81	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	1941657	470.96	ug/l	99
52) Toluene	8.79	92	677105	100.00	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	468957	99.89	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	467512	98.93	ug/l	99
55) 1,1,2-Trichloroethane	9.23	97	276797	98.89	ug/l	100
56) Ethyl methacrylate	9.19	69	446032	98.03	ug/l	99
57) 1,3-Dichloropropane	9.38	76	447781	99.53	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	1083046	562.09	ug/l	100
59) 2-Hexanone	9.51	43	1483848	468.07	ug/l	99
60) Dibromochloromethane	9.59	129	356111	101.26	ug/l	100
61) 1,2-Dibromoethane	9.68	107	293177	98.46	ug/l	99
64) Tetrachloroethene	9.34	164	311351	101.46	ug/l	100
65) Chlorobenzene	10.15	112	815299	100.73	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	320587	100.67	ug/l	100
67) Ethyl Benzene	10.26	91	1364157	100.39	ug/l	99
68) m/p-Xylenes	10.37	106	1078567	203.05	ug/l	99
69) o-Xylene	10.71	106	529235	101.48	ug/l	99
70) Styrene	10.72	104	905235	101.54	ug/l	100
71) Bromoform	10.87	173	317084	101.50	ug/l #	99
73) Isopropylbenzene	11.02	105	1444274	97.79	ug/l	100
74) N-amyl acetate	6.48	43	658333	90.64	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	424850	96.16	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	532154	124.47	ug/l	84
77) Bromobenzene	11.26	156	413948	97.89	ug/l	99
78) n-propylbenzene	11.37	91	1650593	98.34	ug/l	100
79) 2-Chlorotoluene	11.43	91	972299	97.59	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1251395	98.48	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	158450	96.50	ug/l	94
82) 4-Chlorotoluene	11.52	91	1179178	97.90	ug/l	100
83) tert-Butylbenzene	11.78	119	1292621	98.59	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	1292959	98.21	ug/l	99
85) sec-Butylbenzene	11.95	105	1520804	98.98	ug/l	100
86) p-Isopropyltoluene	12.07	119	1426483	99.61	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	783960	99.75	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	797521	99.66	ug/l	100
89) n-Butylbenzene	12.40	91	1286682	101.42	ug/l	99
90) Hexachloroethane	12.60	117	260726	99.52	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	767416	99.07	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	108527	91.51	ug/l	97

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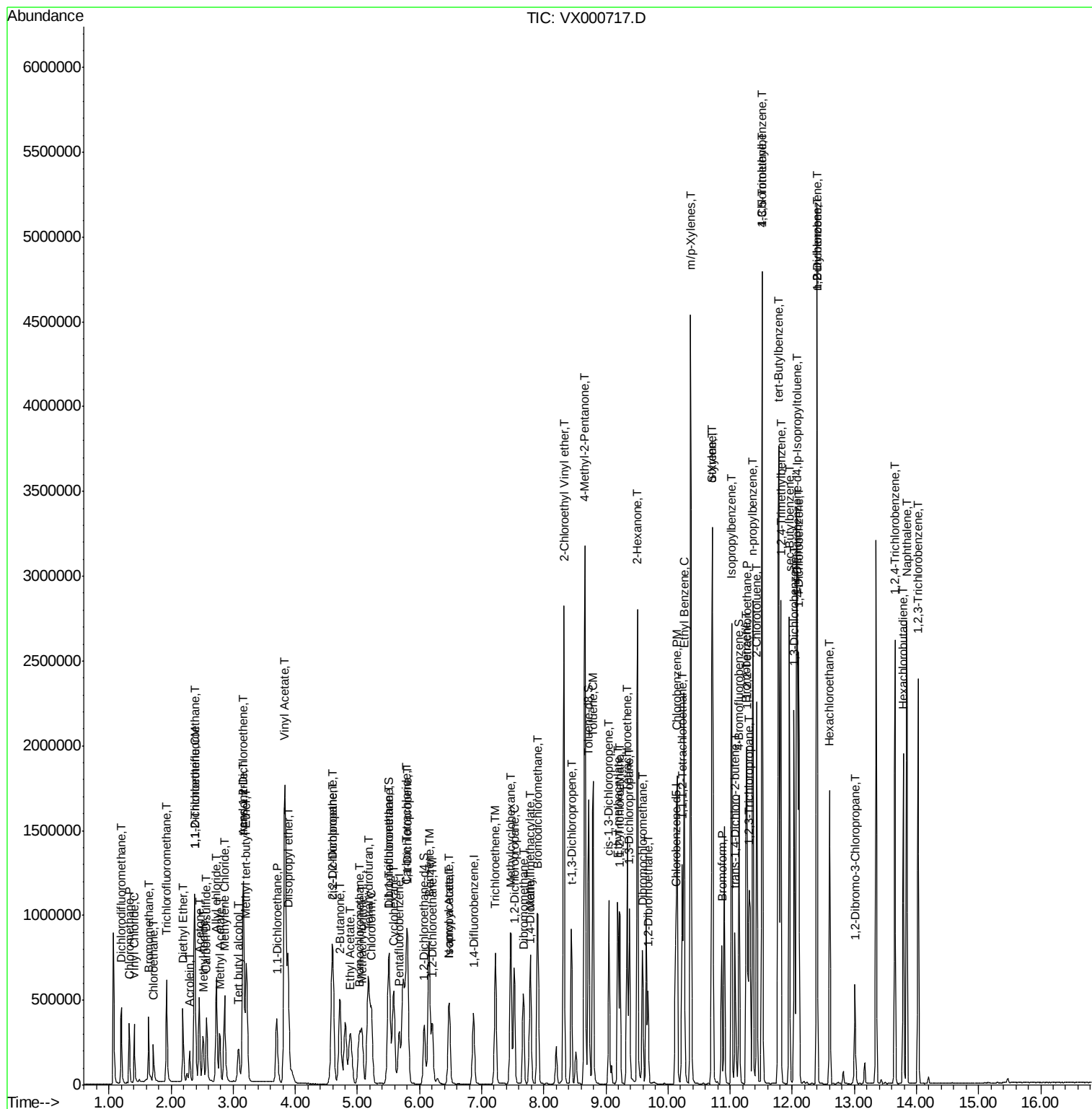
Instrument :
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VSTDICC100

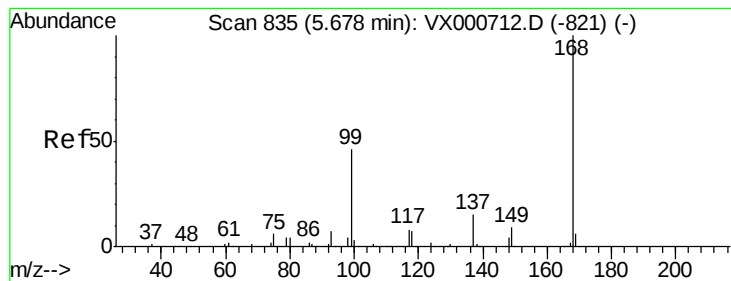
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	664395	102.19	ug/l	100
94) Hexachlorobutadiene	13.79	225	335662	105.22	ug/l	100
95) Naphthalene	13.84	128	1682500	95.38	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	639511	100.56	ug/l	100

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000717.D

Acq: 07 Apr 2018 15:49

Instrument :

MSVOA_X

ClientSampleId :

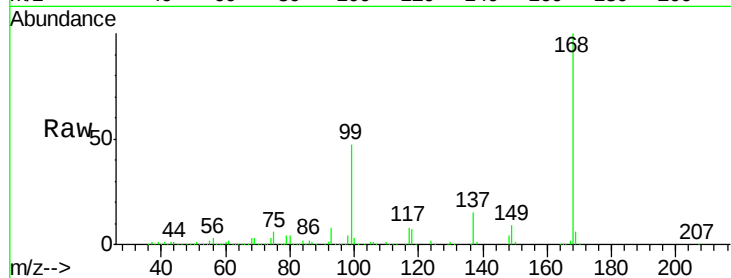
VSTDIC100

Tgt Ion:168 Resp: 327312

Ion Ratio Lower Upper

168 100

99 47.2 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

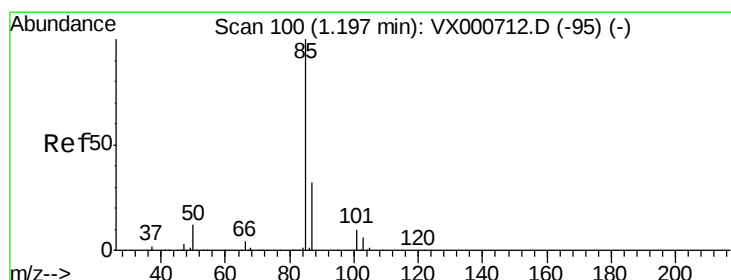
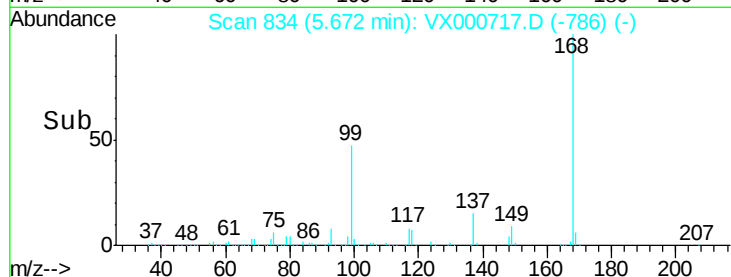
5.67

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 98.02 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000717.D

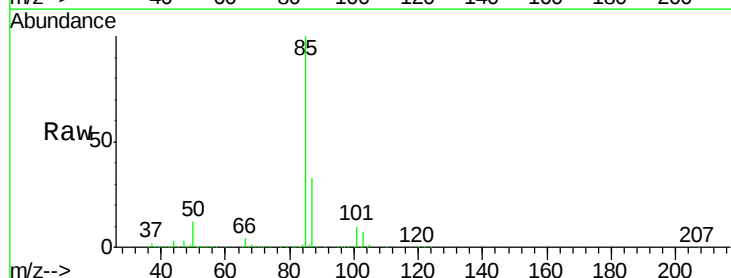
Acq: 07 Apr 2018 15:49

Tgt Ion: 85 Resp: 287803

Ion Ratio Lower Upper

85 100

87 33.0 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

300000

250000

200000

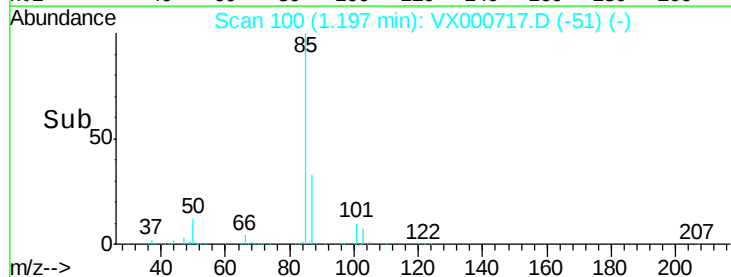
150000

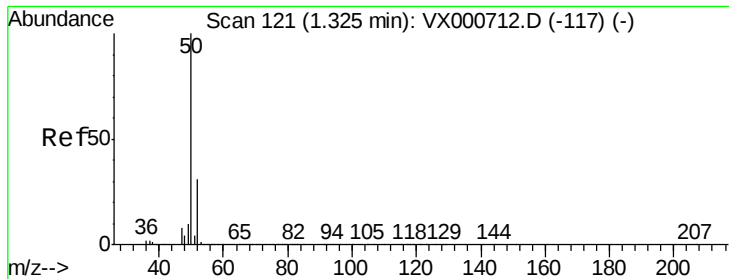
100000

50000

0

Time--> 1.10 1.20 1.30





#3

Chloromethane

Concen: 95.07 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000717.D

Acq: 07 Apr 2018 15:49

Instrument :

MSVOA_X

ClientSampleId :

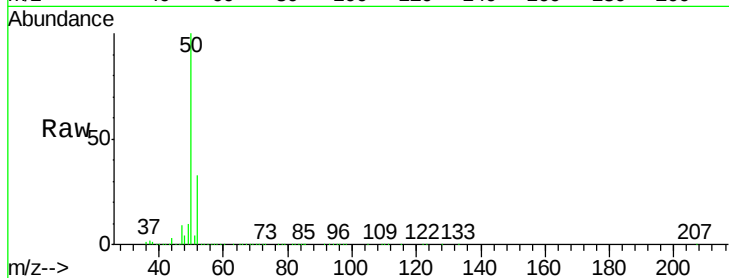
VSTDIC100

Tgt Ion: 50 Resp: 229539

Ion Ratio Lower Upper

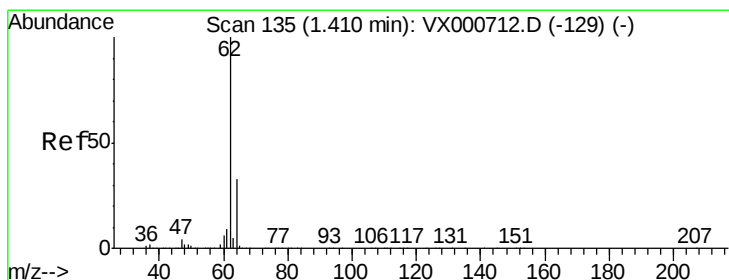
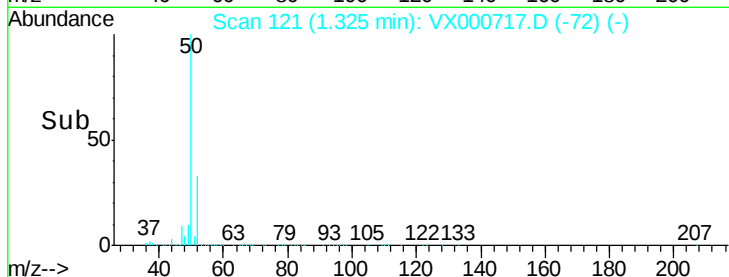
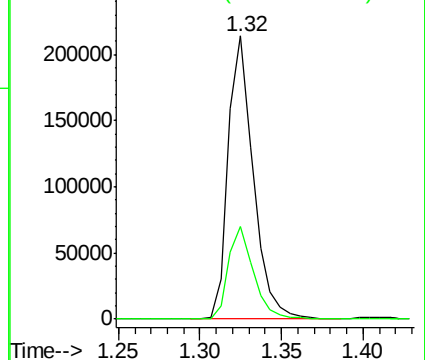
50 100

52 32.9 24.9 37.3



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 95.41 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX000717.D

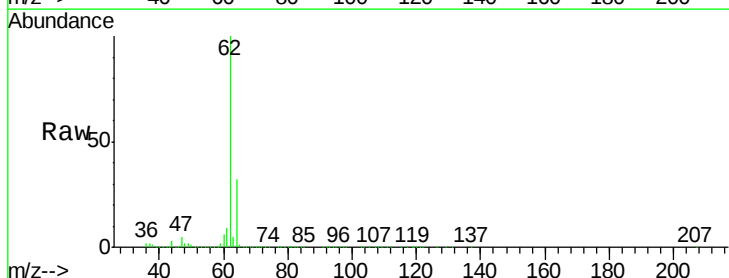
Acq: 07 Apr 2018 15:49

Tgt Ion: 62 Resp: 240650

Ion Ratio Lower Upper

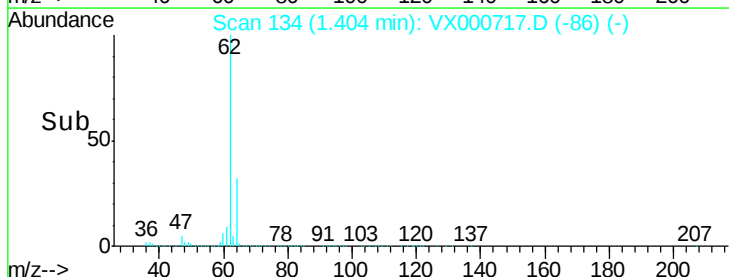
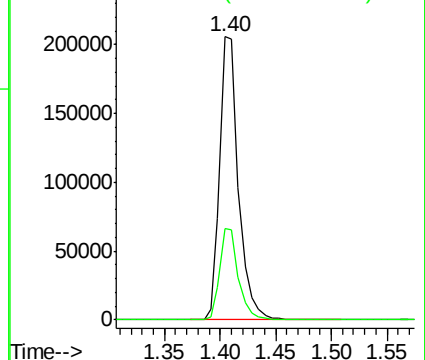
62 100

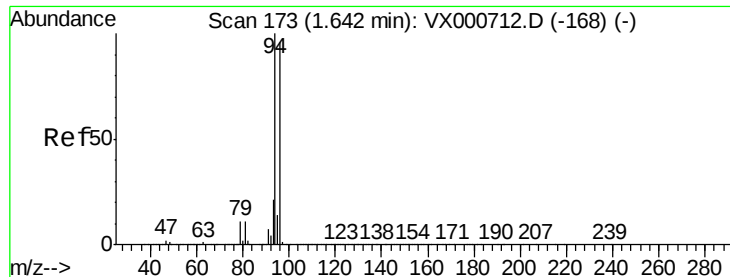
64 32.3 26.2 39.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 93.39 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.01 min

Lab File: VX000717.D

Acq: 07 Apr 2018 15:49

Instrument :

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ClientSampleId :

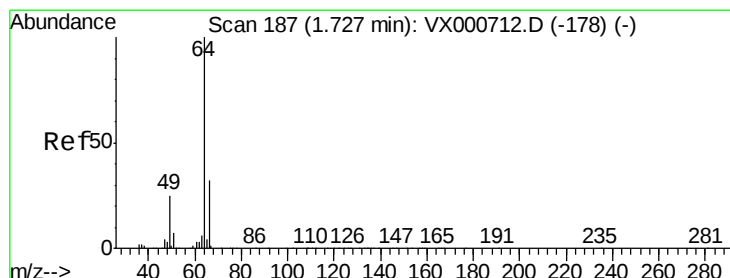
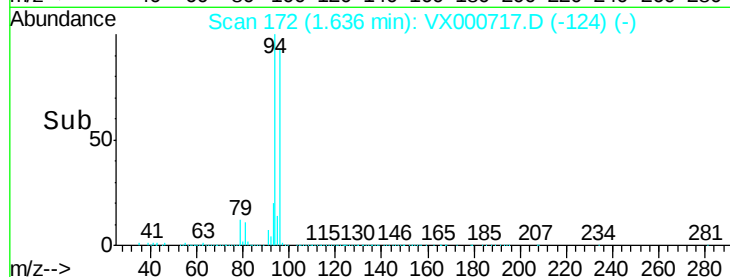
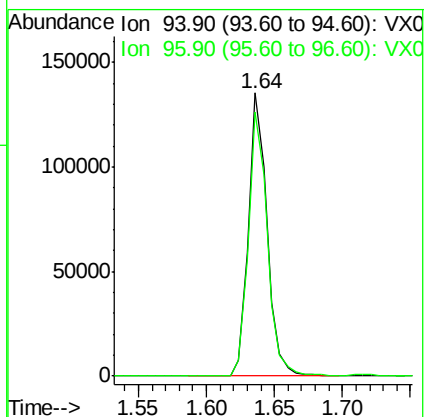
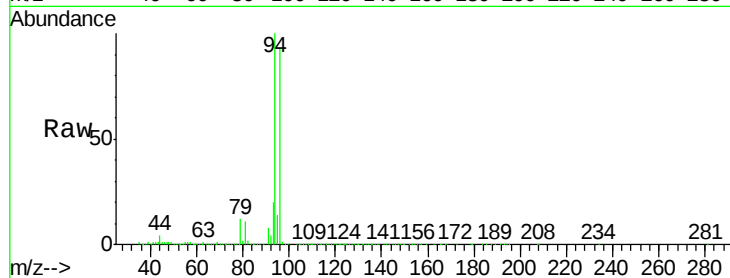
VSTDIC100

Tgt Ion: 94 Resp: 130208

Ion Ratio Lower Upper

94 100

96 93.4 76.5 114.7



#6

Chloroethane

Concen: 94.28 ug/l

RT: 1.72 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX000717.D

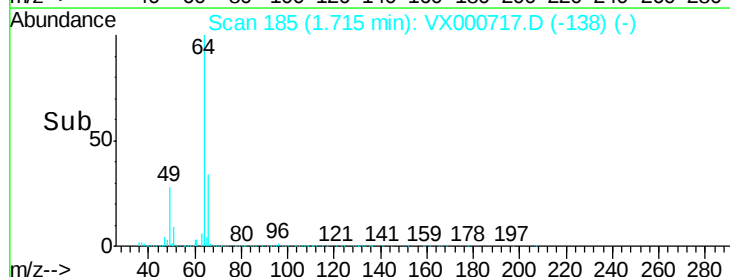
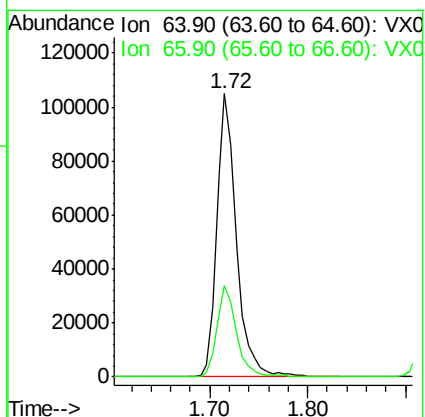
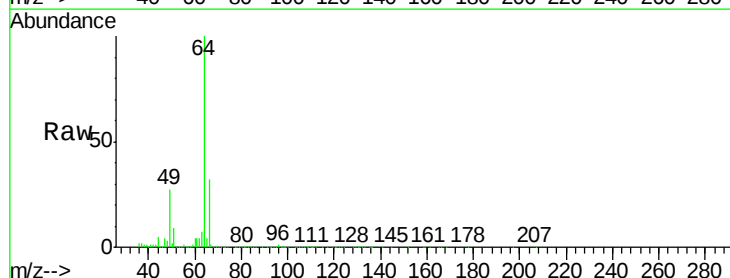
Acq: 07 Apr 2018 15:49

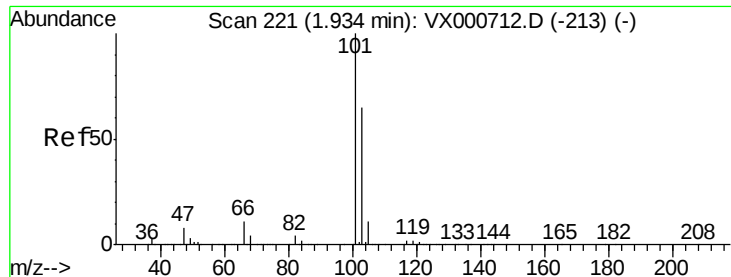
Tgt Ion: 64 Resp: 145222

Ion Ratio Lower Upper

64 100

66 32.3 25.4 38.2





#7

Trichlorofluoromethane

Concen: 97.06 ug/l

RT: 1.93 min Scan# 220

Delta R.T. -0.01 min

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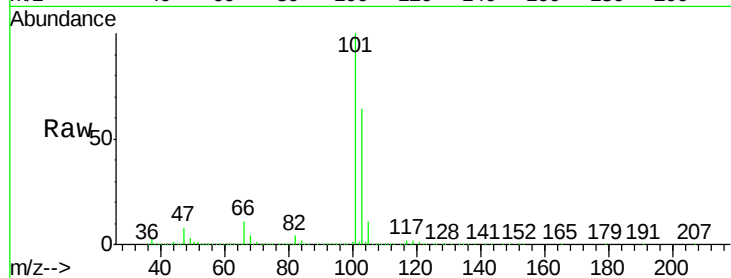
VSTDIC100

Tgt Ion:101 Resp: 400741

Ion Ratio Lower Upper

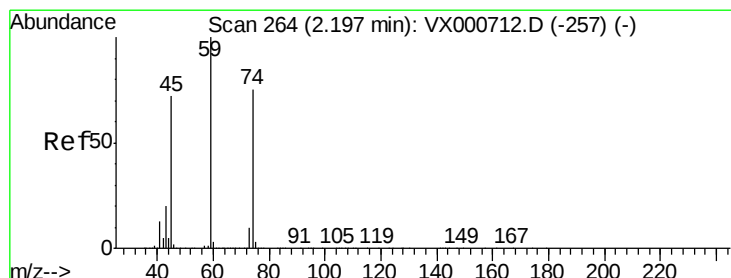
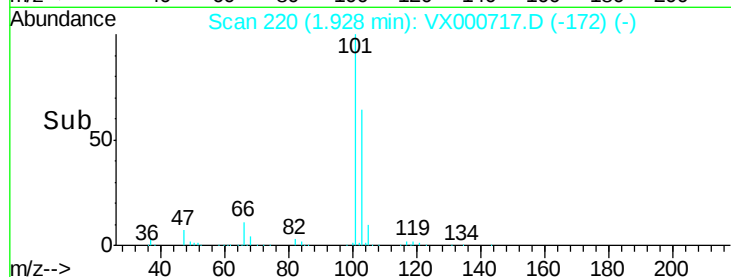
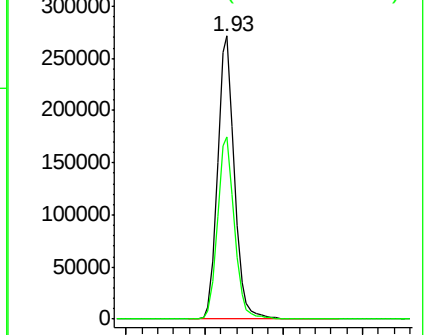
101 100

103 64.4 52.1 78.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 95.55 ug/l

RT: 2.19 min Scan# 263

Delta R.T. -0.01 min

Lab File: VX000717.D

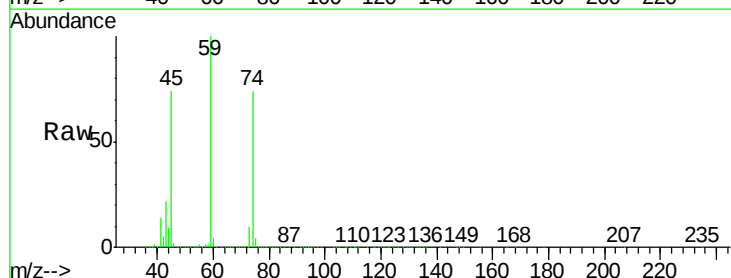
Acq: 07 Apr 2018 15:49

Tgt Ion: 74 Resp: 147042

Ion Ratio Lower Upper

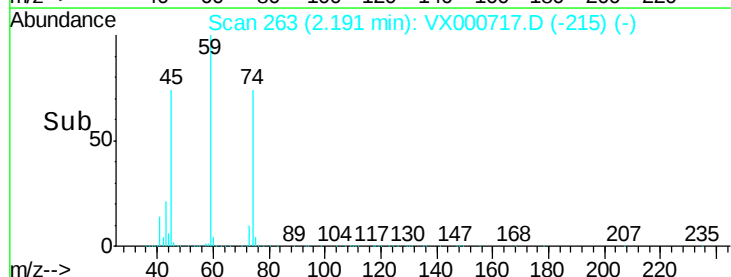
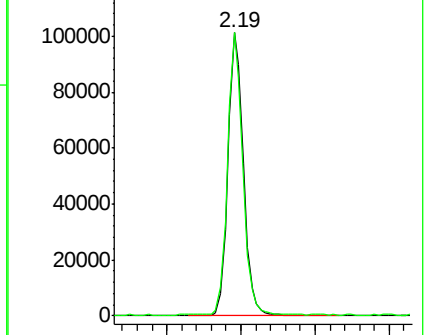
74 100

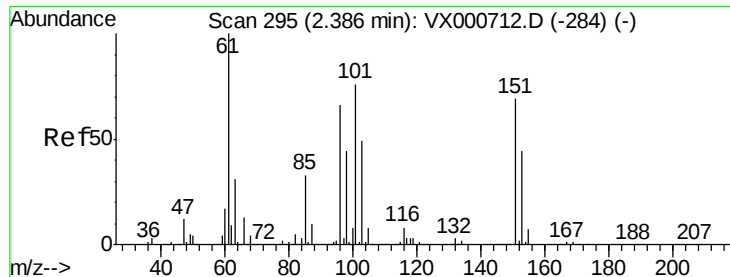
45 97.8 48.4 145.3



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 101.00 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

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VSTDIC100

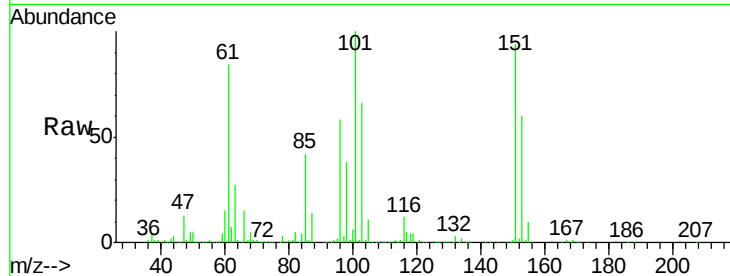
Tgt Ion:101 Resp: 244336

Ion Ratio Lower Upper

101 100

85 42.5 34.3 51.5

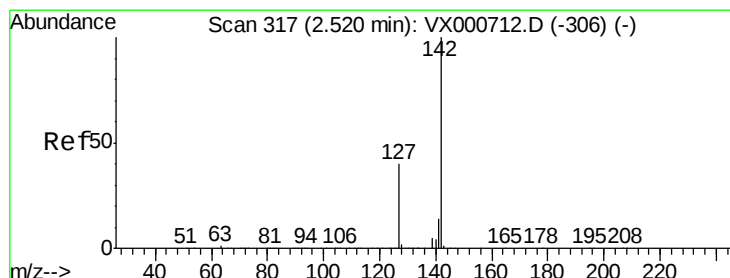
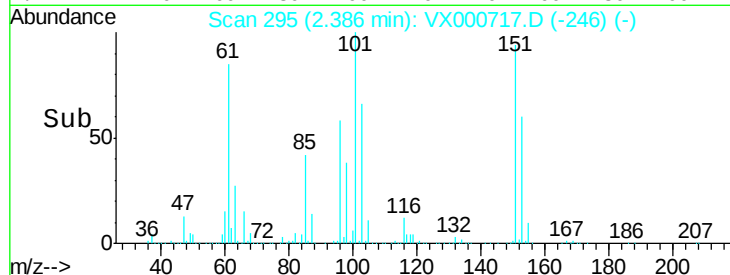
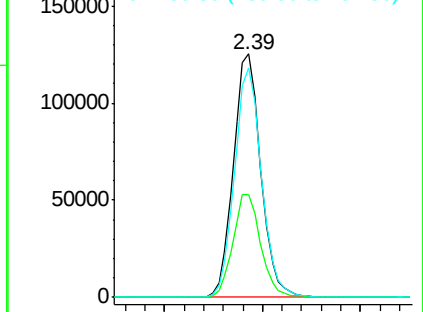
151 92.8 73.8 110.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 106.65 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.01 min

Lab File: VX000717.D

Acq: 07 Apr 2018 15:49

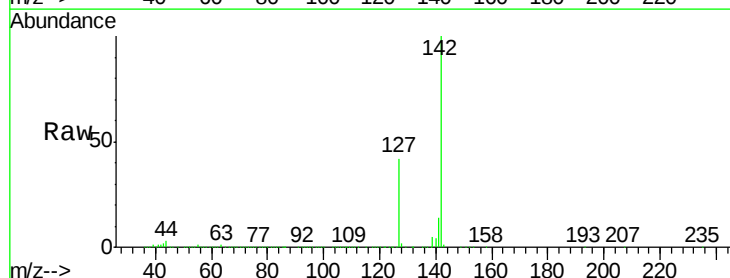
Tgt Ion:142 Resp: 281673

Ion Ratio Lower Upper

142 100

127 41.6 33.9 50.9

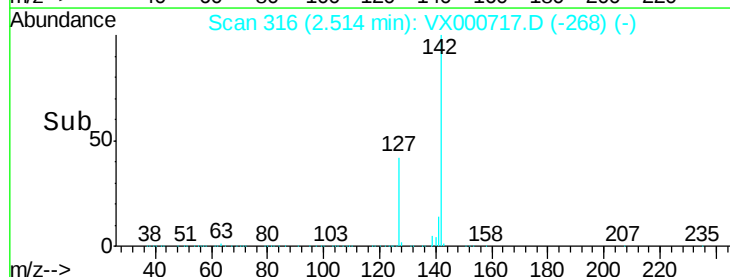
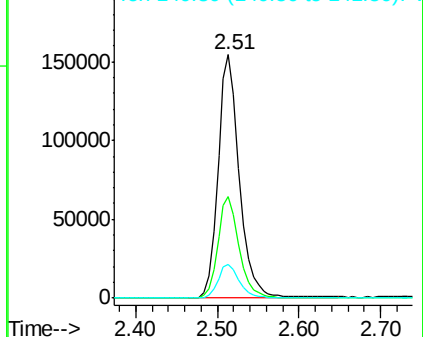
141 14.1 11.4 17.0

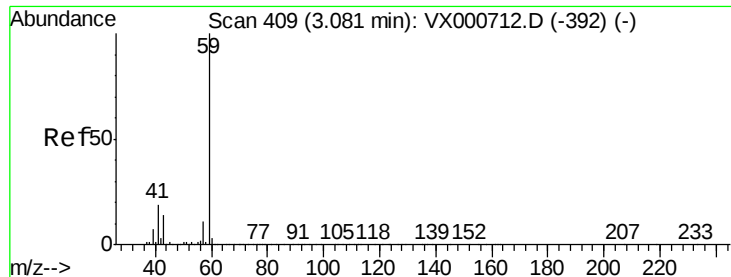


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 421.16 ug/l

RT: 3.09 min Scan# 410

Delta R.T. 0.01 min

Lab File: VX000717.D

Acq: 07 Apr 2018 15:49

Instrument :

MSVOA_X

ClientSampleId :

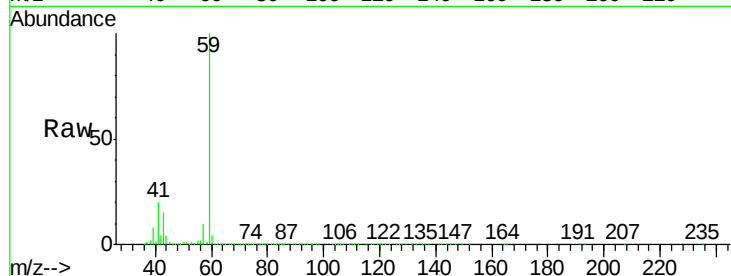
VSTDIC100

Tgt Ion: 59 Resp: 283847

Ion Ratio Lower Upper

59 100

57 10.3 8.4 12.6



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.09

120000

100000

80000

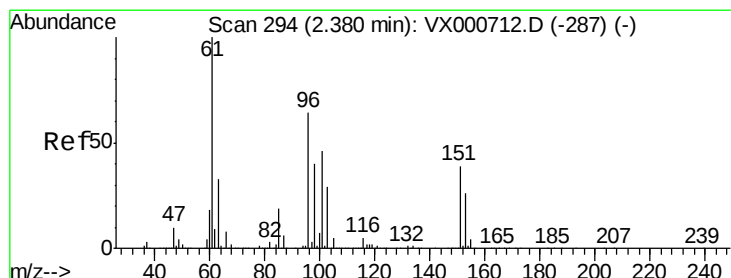
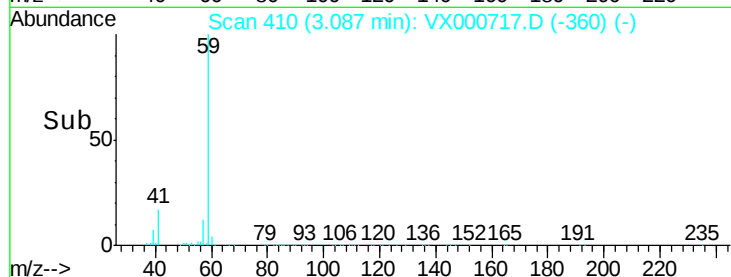
60000

40000

20000

0

Time-->



#12

1,1-Dichloroethene

Concen: 96.01 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.01 min

Lab File: VX000717.D

Acq: 07 Apr 2018 15:49

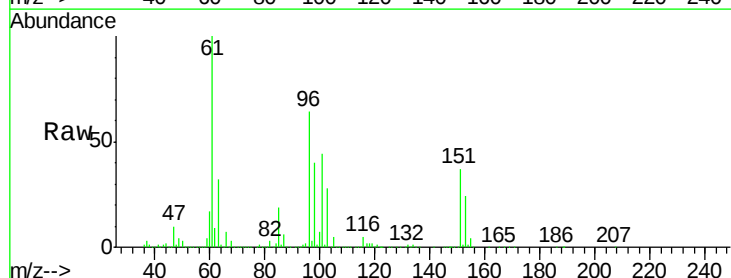
Tgt Ion: 96 Resp: 209067

Ion Ratio Lower Upper

96 100

61 157.5 125.0 187.4

98 63.2 50.5 75.7



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

250000

200000

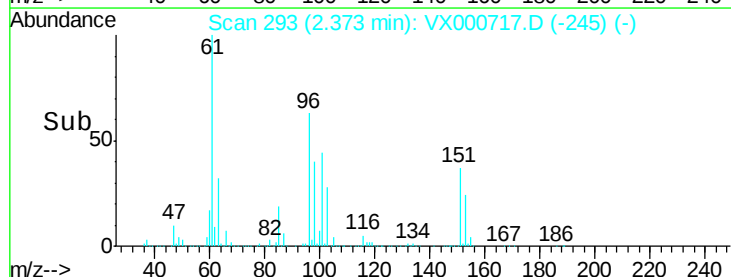
150000

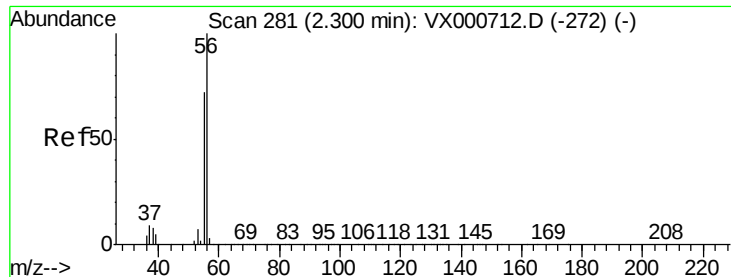
100000

50000

0

Time-->





#13

Acrolein

Concen: 496.33 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX000717.D

Acq: 07 Apr 2018 15:49

Instrument :

MSVOA_X

ClientSampleId :

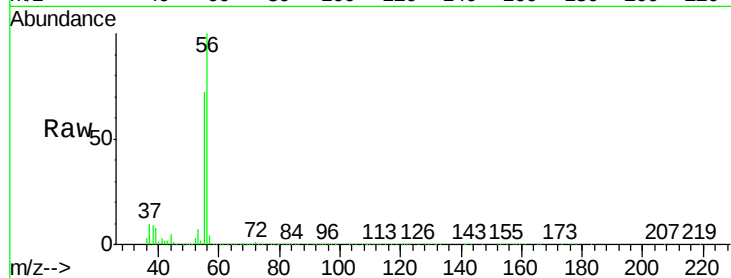
VSTDICC100

Tgt Ion: 56 Resp: 129252

Ion Ratio Lower Upper

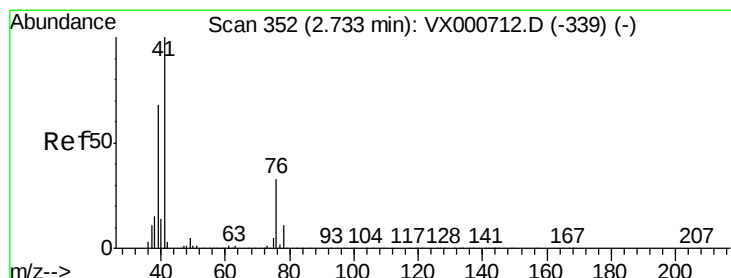
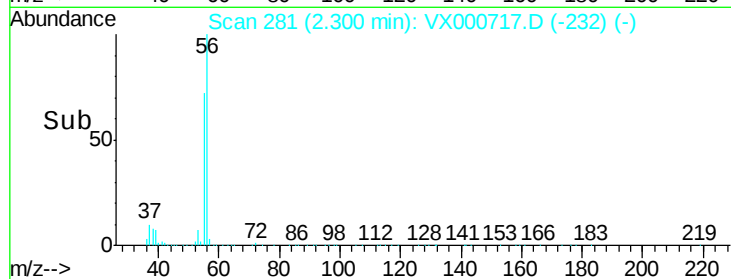
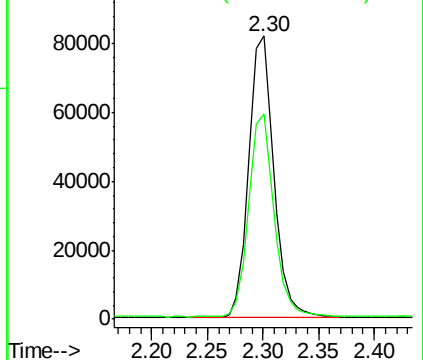
56 100

55 73.0 57.4 86.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 96.14 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.01 min

Lab File: VX000717.D

Acq: 07 Apr 2018 15:49

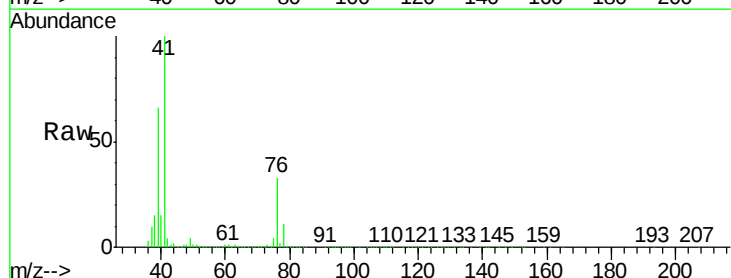
Tgt Ion: 41 Resp: 418167

Ion Ratio Lower Upper

41 100

39 64.6 52.4 78.6

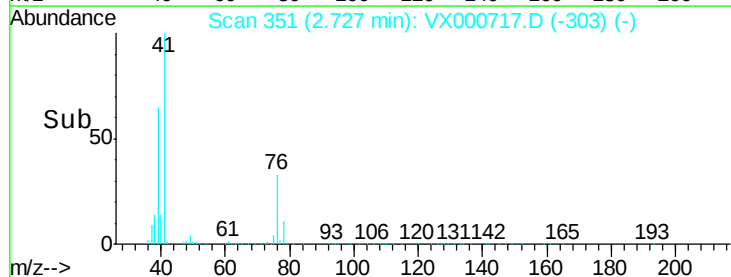
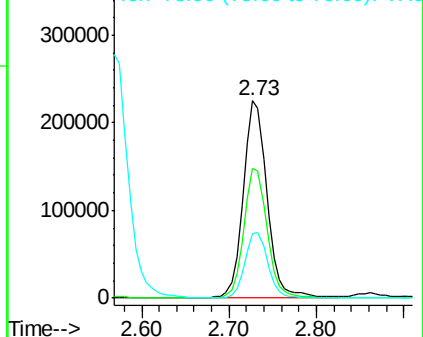
76 32.4 25.9 38.9

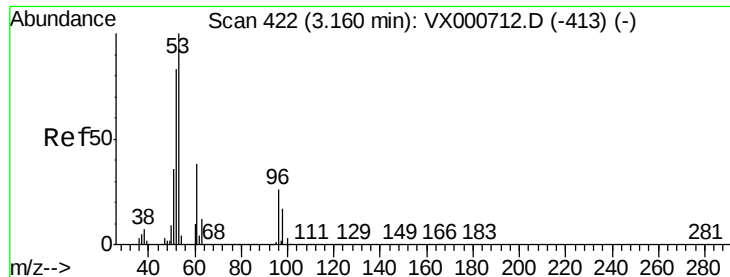


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 455.80 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX000717.D

Acq: 07 Apr 2018 15:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

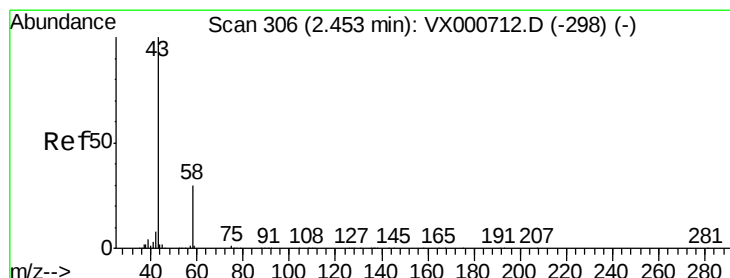
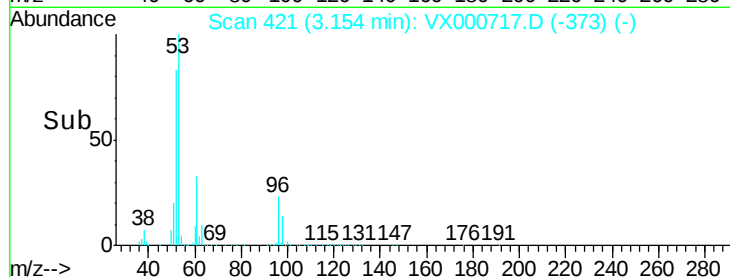
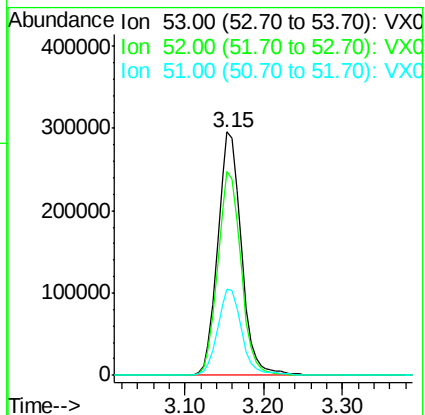
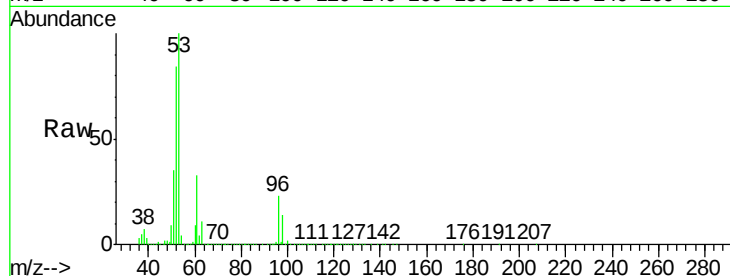
Tgt Ion: 53 Resp: 614561

Ion Ratio Lower Upper

53 100

52 82.8 66.1 99.1

51 36.1 29.1 43.7



#16

Acetone

Concen: 455.21 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX000717.D

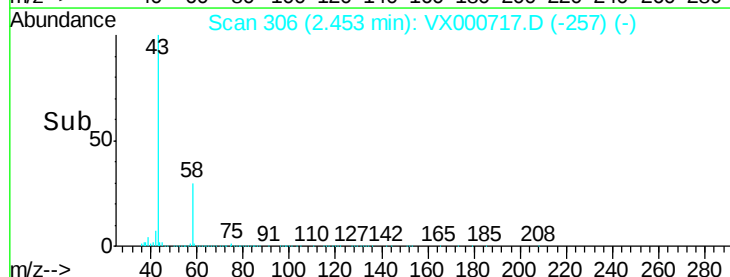
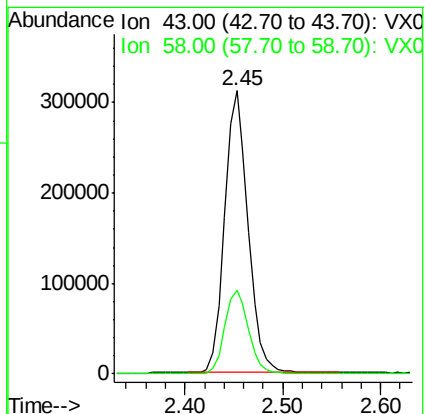
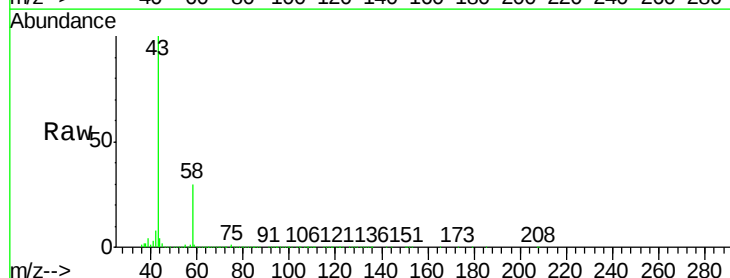
Acq: 07 Apr 2018 15:49

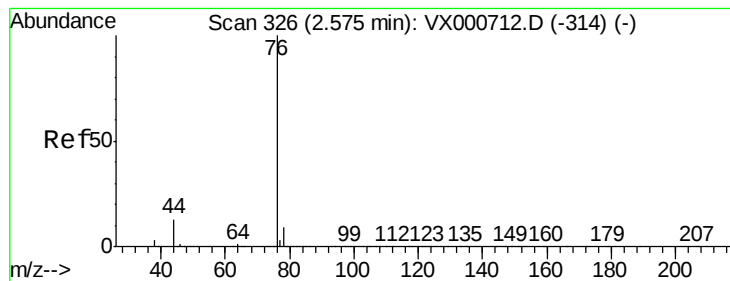
Tgt Ion: 43 Resp: 515195

Ion Ratio Lower Upper

43 100

58 29.8 24.0 36.0





#17

Carbon Disulfide

Concen: 96.54 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.01 min

Lab File: VX000717.D

Acq: 07 Apr 2018 15:49

Instrument :

MSVOA_X

ClientSampleId :

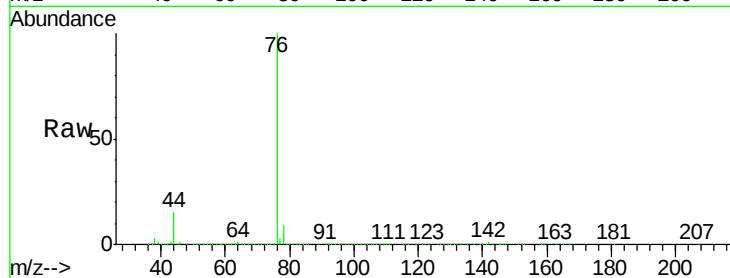
VSTDIC100

Tgt Ion: 76 Resp: 499644

Ion Ratio Lower Upper

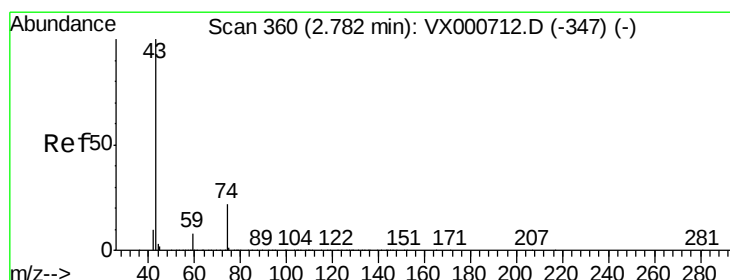
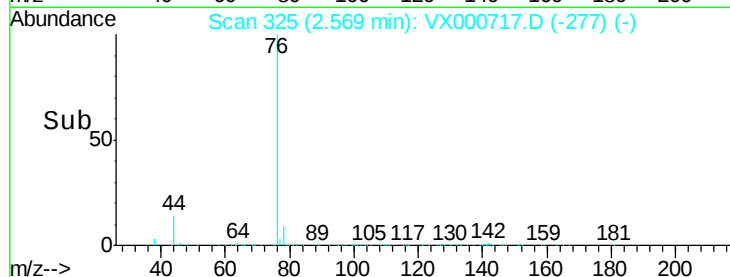
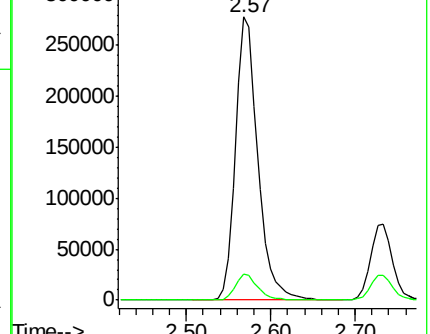
76 100

78 9.0 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 91.35 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX000717.D

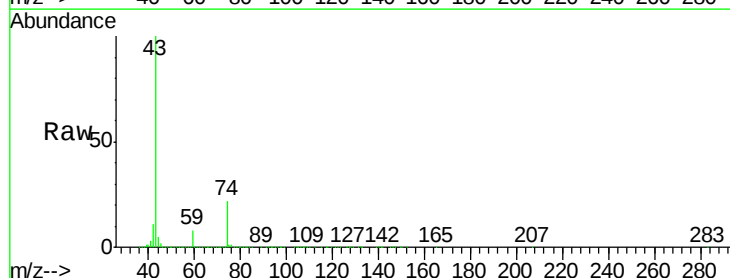
Acq: 07 Apr 2018 15:49

Tgt Ion: 43 Resp: 329093

Ion Ratio Lower Upper

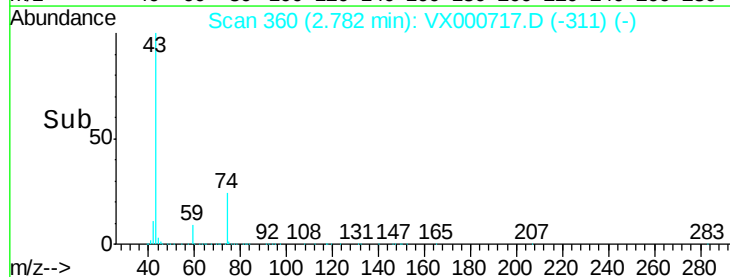
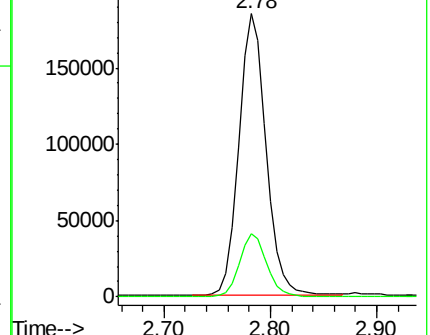
43 100

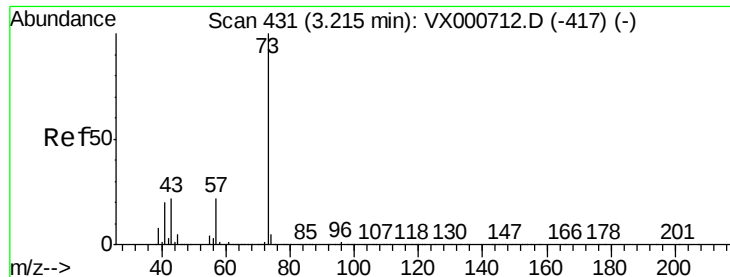
74 22.4 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

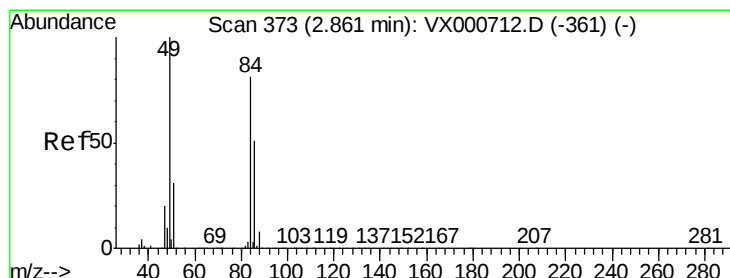
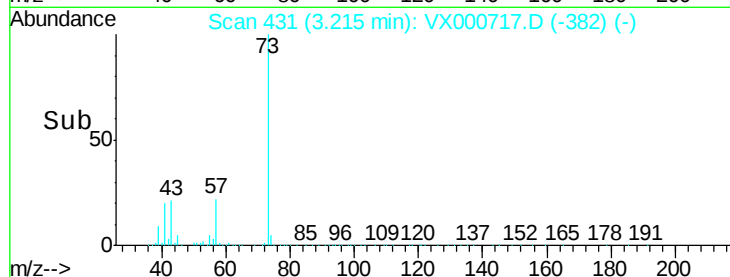
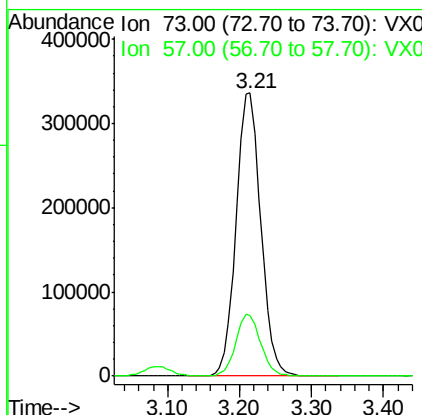
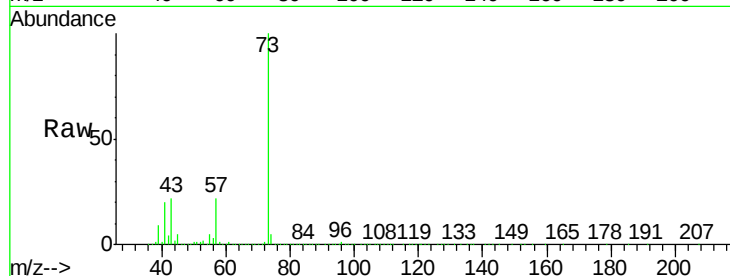




#19
Methyl tert-butyl Ether
Concen: 95.07 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.00 min
Lab File: VX000717.D
Acq: 07 Apr 2018 15:49

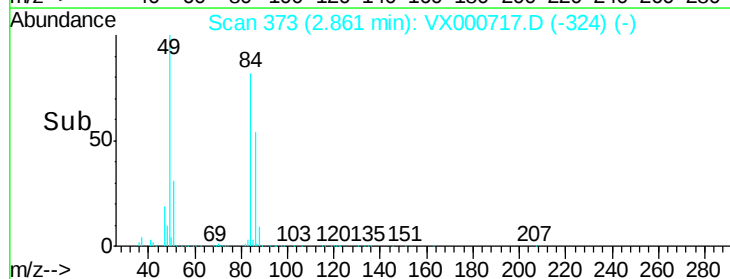
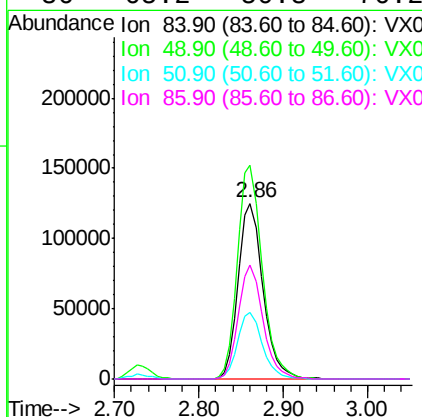
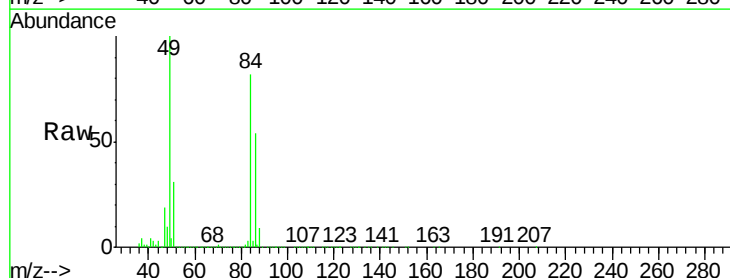
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

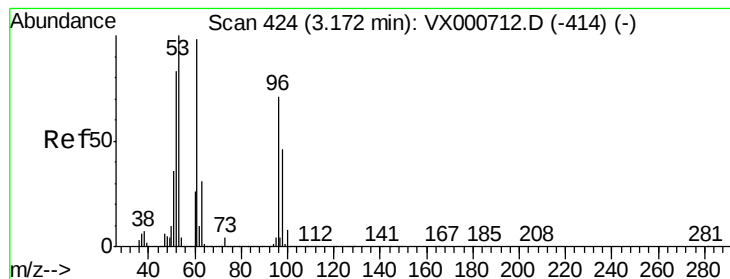
Tgt Ion: 73 Resp: 799874
Ion Ratio Lower Upper
73 100
57 21.5 17.3 25.9



#20
Methylene Chloride
Concen: 99.51 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX000717.D
Acq: 07 Apr 2018 15:49

Tgt Ion: 84 Resp: 247521
Ion Ratio Lower Upper
84 100
49 121.4 98.6 148.0
51 37.5 30.8 46.2
86 65.2 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 97.75 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX000717.D

Acq: 07 Apr 2018 15:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

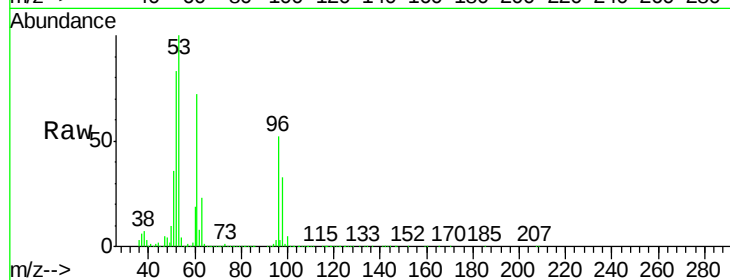
Tgt Ion: 96 Resp: 228119

Ion Ratio Lower Upper

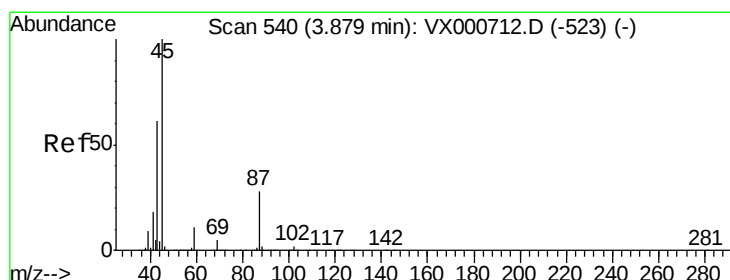
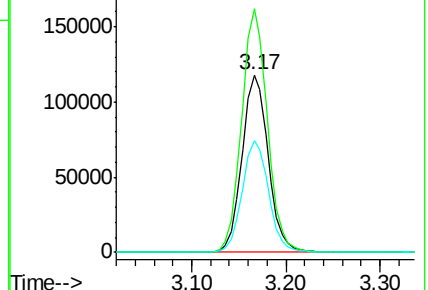
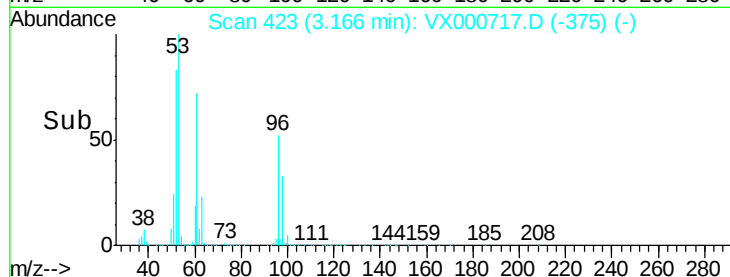
96 100

61 137.4 109.8 164.6

98 63.2 51.5 77.3



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: 95.56 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX000717.D

Acq: 07 Apr 2018 15:49

Tgt Ion: 45 Resp: 855131

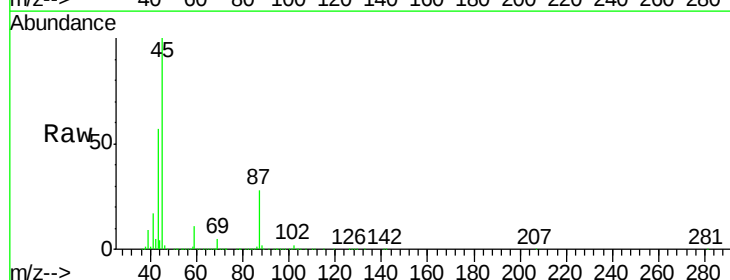
Ion Ratio Lower Upper

45 100

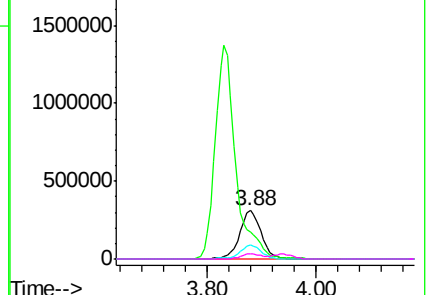
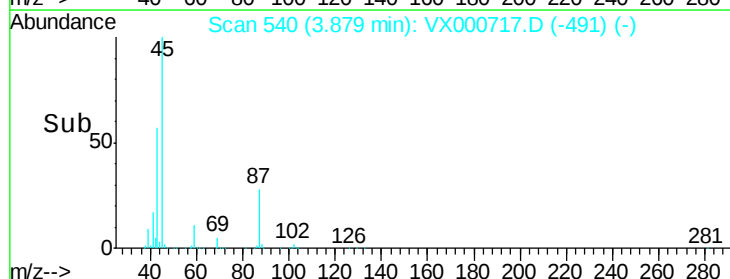
43 56.7 49.2 73.8

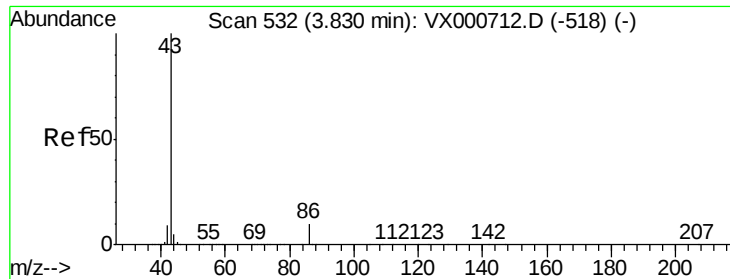
87 28.3 22.7 34.1

59 11.2 9.0 13.4



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: 462.33 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX000717.D

Acq: 07 Apr 2018 15:49

Instrument :

MSVOA_X

ClientSampleId :

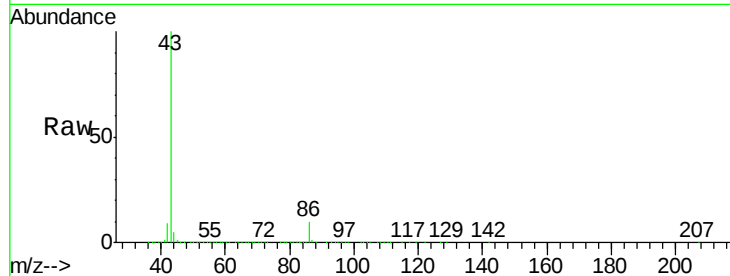
VSTDIC100

Tgt Ion: 43 Resp: 3597217

Ion Ratio Lower Upper

43 100

86 10.3 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

1500000

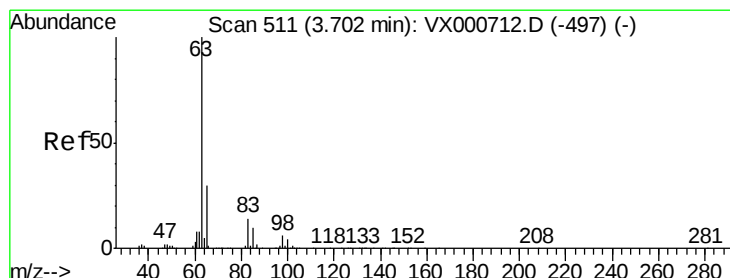
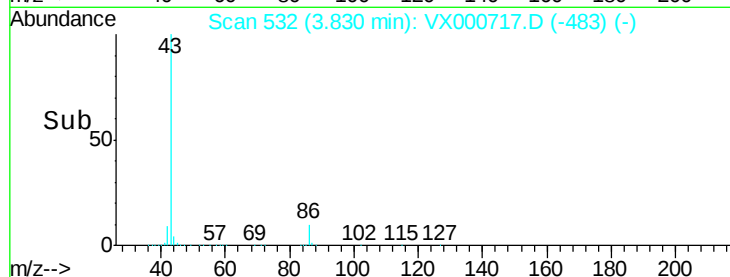
1000000

500000

0

3.80 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 92.77 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX000717.D

Acq: 07 Apr 2018 15:49

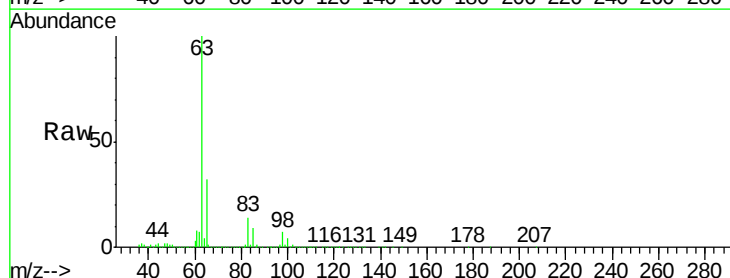
Tgt Ion: 63 Resp: 432220

Ion Ratio Lower Upper

63 100

98 6.9 2.9 8.8

100 4.5 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

250000

200000

150000

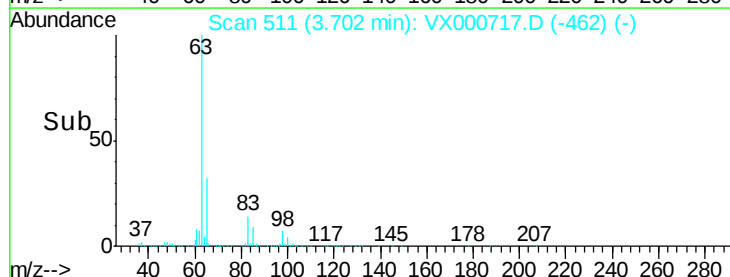
100000

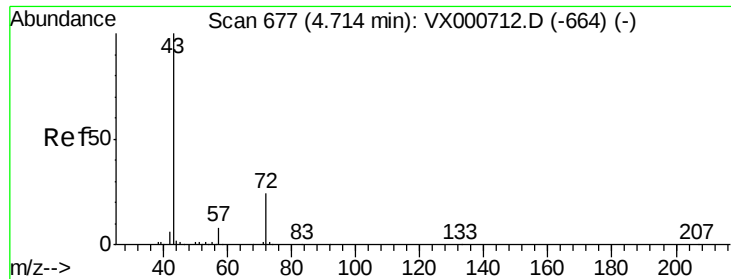
50000

0

3.60 3.70 3.80 3.90

Time-->





#25

2-Butanone

Concen: 439.73 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX000717.D

Acq: 07 Apr 2018 15:49

Instrument :

MSVOA_X

ClientSampleId :

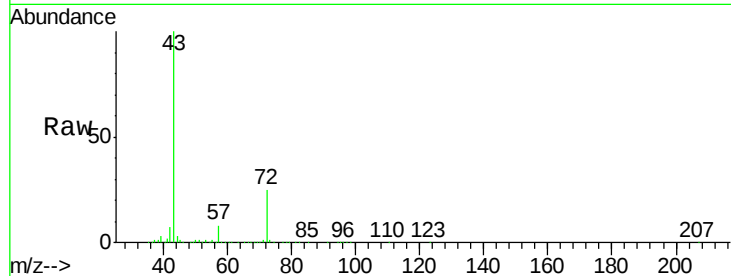
VSTDIC100

Tgt Ion: 43 Resp: 916958

Ion Ratio Lower Upper

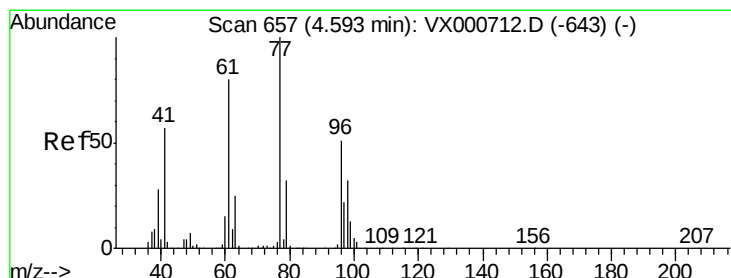
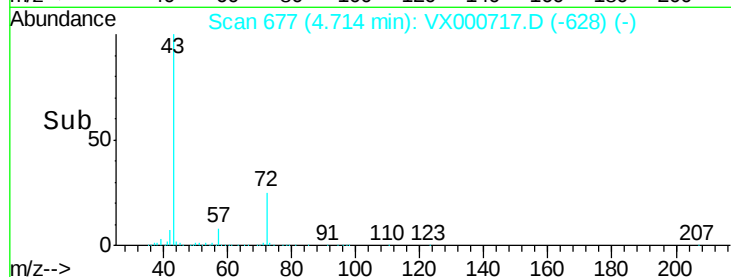
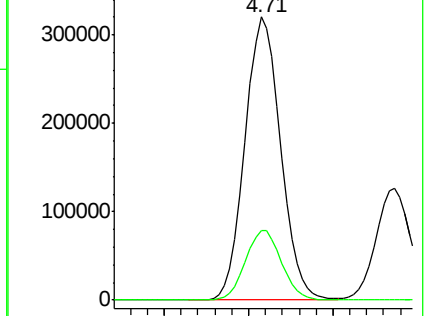
43 100

72 24.5 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 98.59 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX000717.D

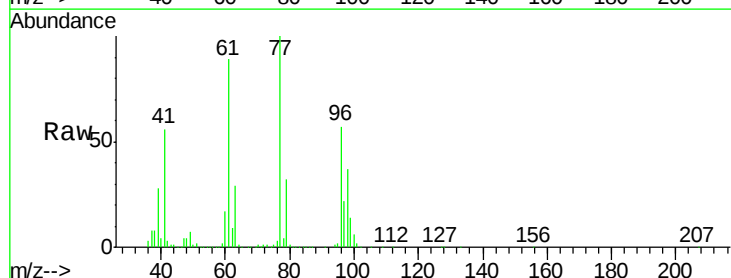
Acq: 07 Apr 2018 15:49

Tgt Ion: 77 Resp: 456315

Ion Ratio Lower Upper

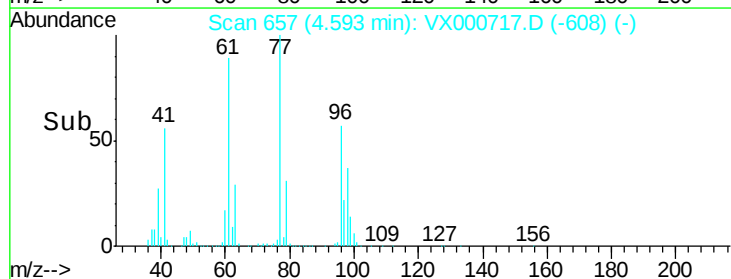
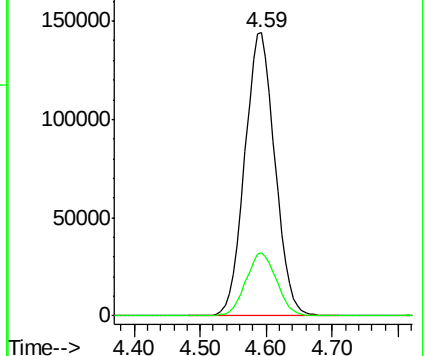
77 100

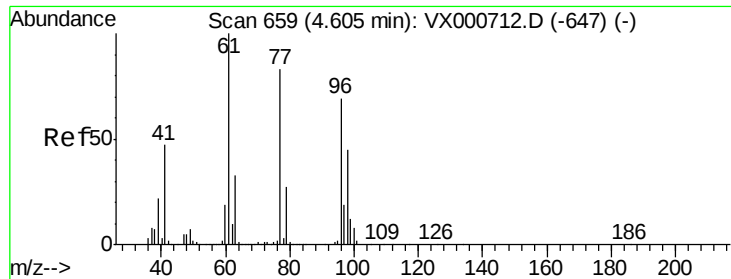
97 22.5 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 95.23 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX000717.D

Acq: 07 Apr 2018 15:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

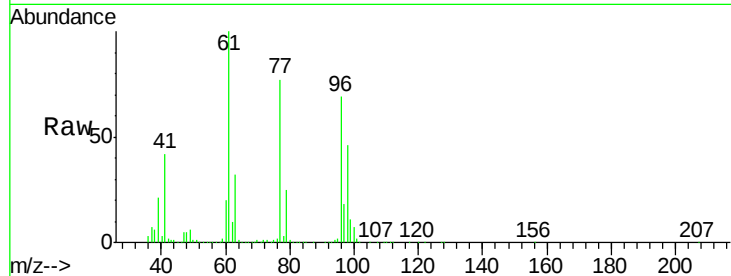
Tgt Ion: 96 Resp: 285513

Ion Ratio Lower Upper

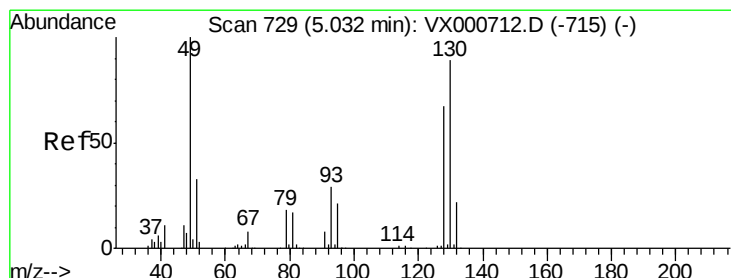
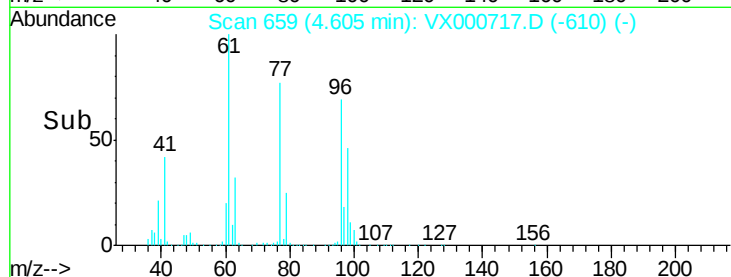
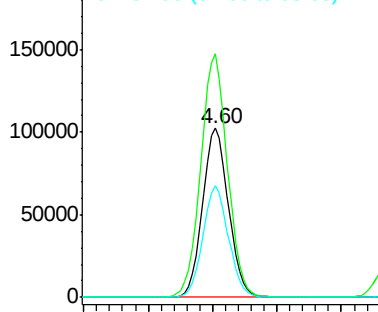
96 100

61 149.3 0.0 301.0

98 65.0 0.0 129.6



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



#28

Bromochloromethane

Concen: 91.58 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.01 min

Lab File: VX000717.D

Acq: 07 Apr 2018 15:49

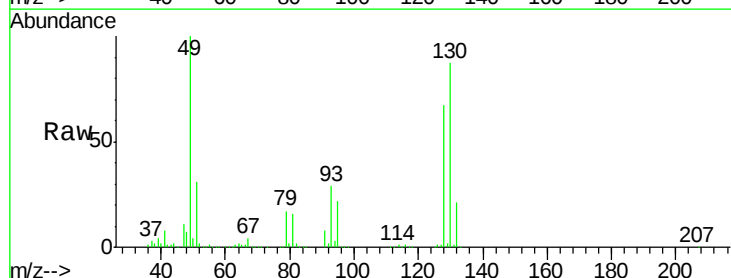
Tgt Ion: 49 Resp: 188300

Ion Ratio Lower Upper

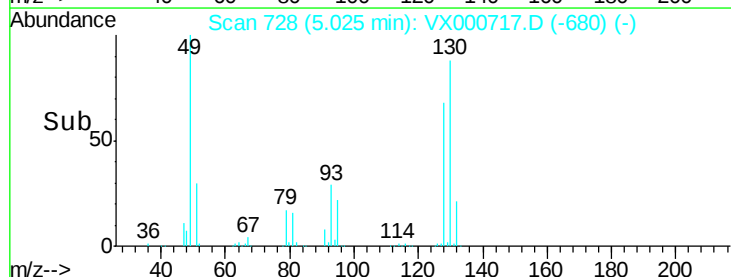
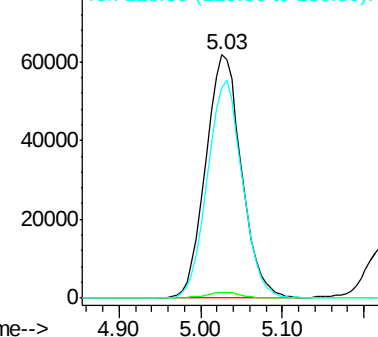
49 100

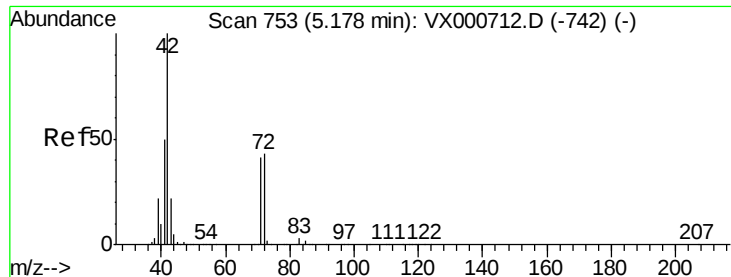
129 2.4 0.0 5.4

130 87.6 69.0 103.4



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

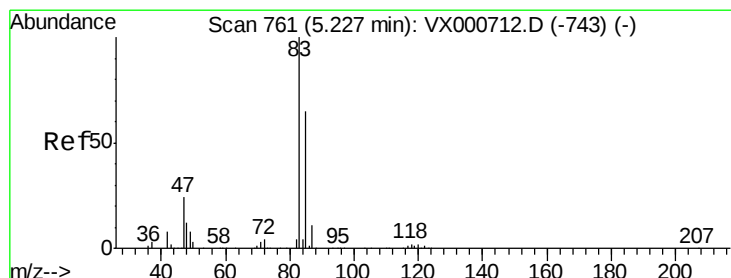
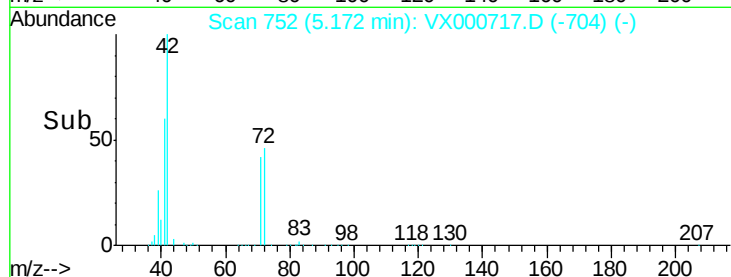
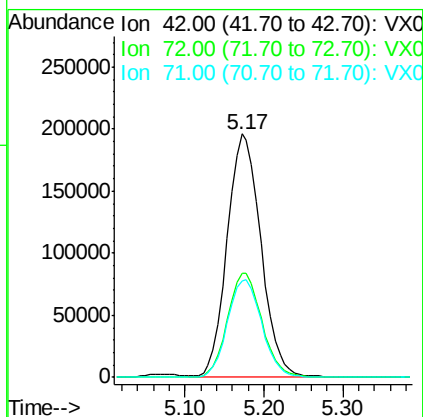
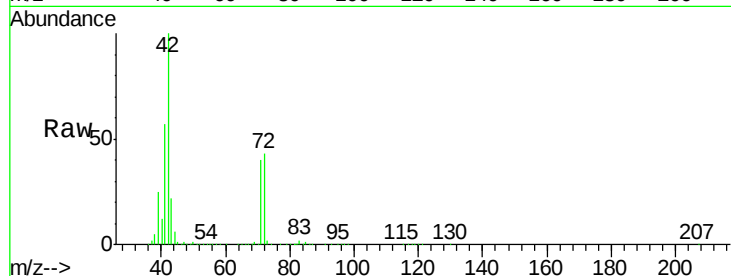




#29
Tetrahydrofuran
Concen: 436.96 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX000717.D
Acq: 07 Apr 2018 15:49

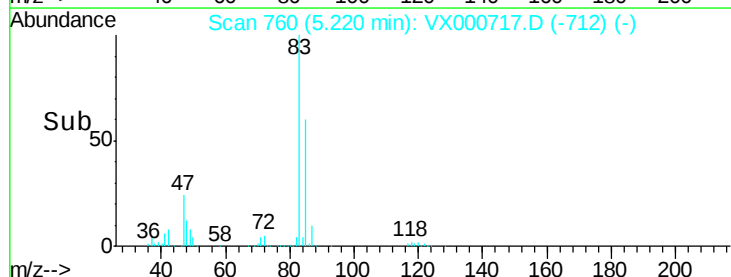
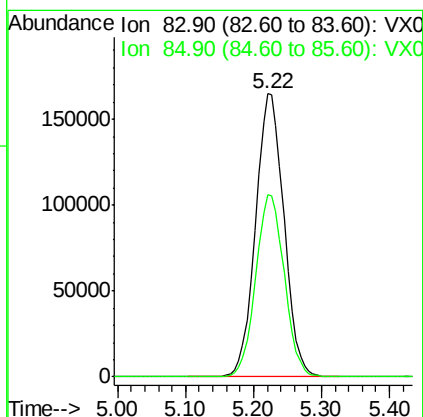
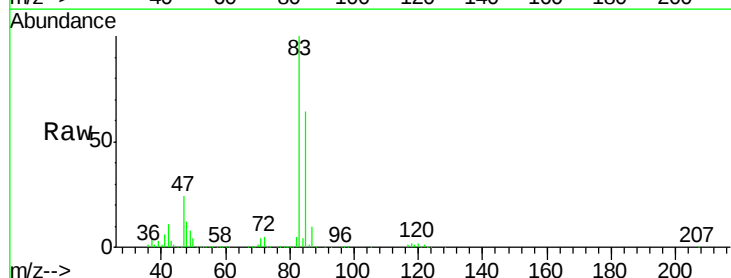
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

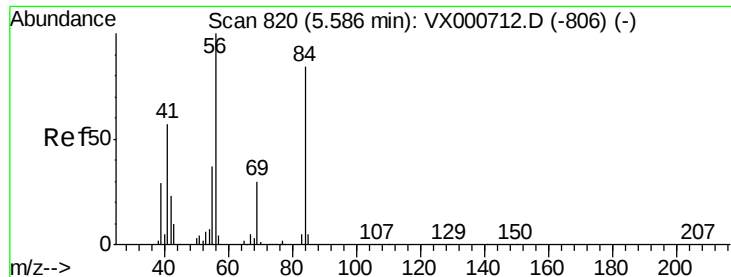
Tgt Ion: 42 Resp: 581278
Ion Ratio Lower Upper
42 100
72 43.8 34.4 51.6
71 40.8 32.0 48.0



#30
Chloroform
Concen: 95.86 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.01 min
Lab File: VX000717.D
Acq: 07 Apr 2018 15:49

Tgt Ion: 83 Resp: 479915
Ion Ratio Lower Upper
83 100
85 64.2 52.3 78.5

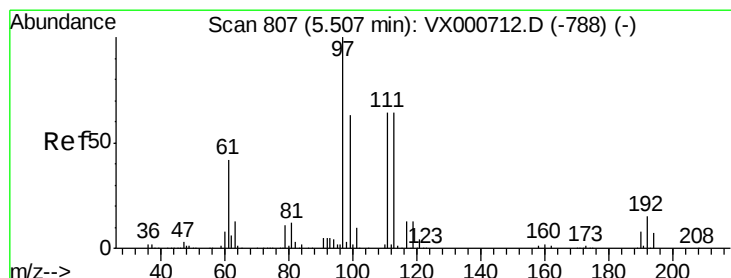
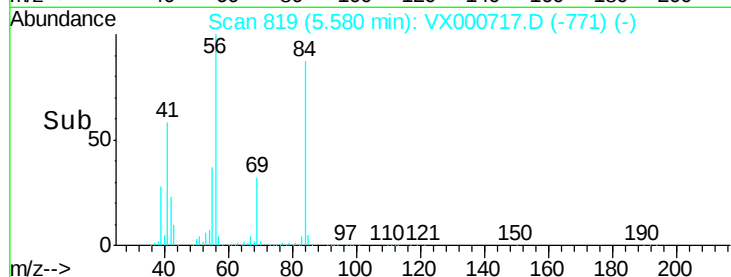
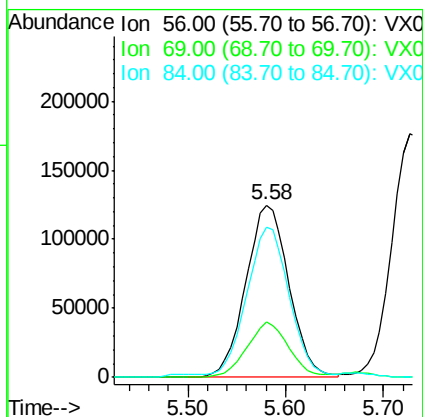
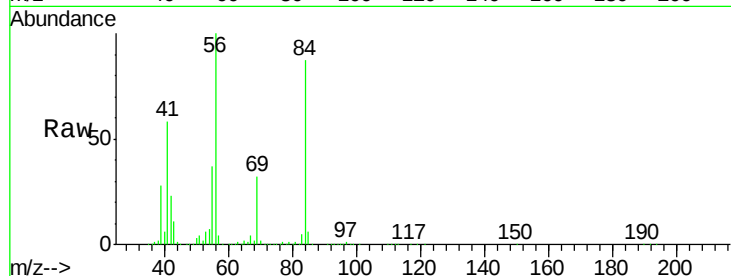




#31
Cyclohexane
Concen: 97.78 ug/l
RT: 5.58 min Scan# 819
Delta R.T. -0.01 min
Lab File: VX000717.D
Acq: 07 Apr 2018 15:49

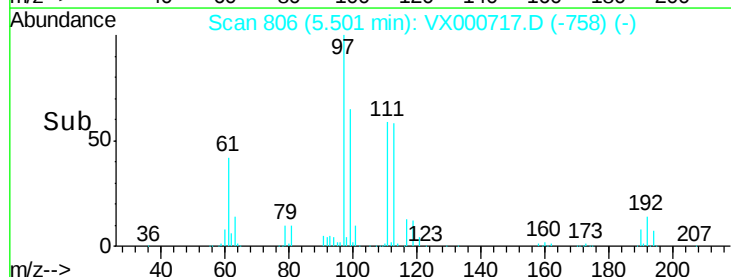
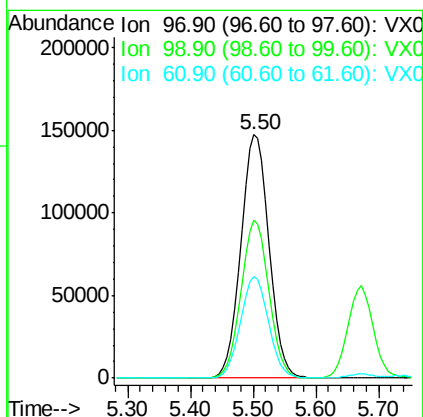
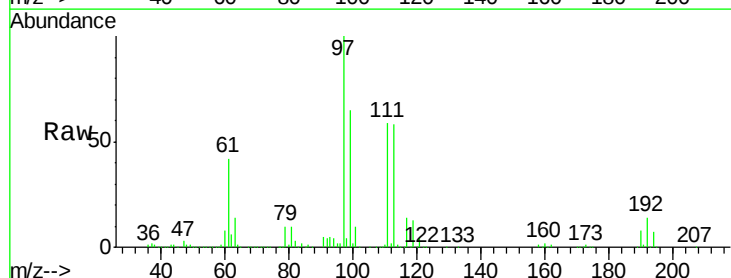
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

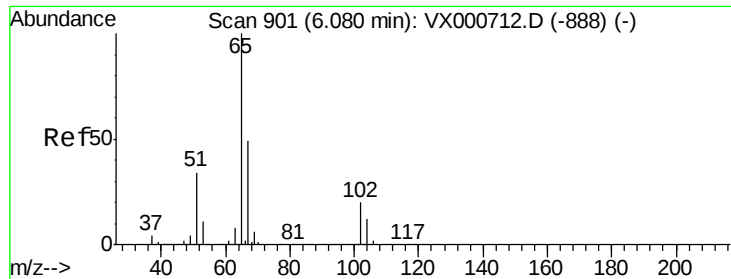
Tgt Ion: 56 Resp: 380263
Ion Ratio Lower Upper
56 100
69 32.0 23.8 35.6
84 85.4 67.4 101.2



#32
1,1,1-Trichloroethane
Concen: 96.10 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: VX000717.D
Acq: 07 Apr 2018 15:49

Tgt Ion: 97 Resp: 458515
Ion Ratio Lower Upper
97 100
99 64.2 51.4 77.2
61 41.6 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 92.69 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.01 min

Lab File: VX000717.D

Acq: 07 Apr 2018 15:49

Instrument :

MSVOA_X

ClientSampleId :

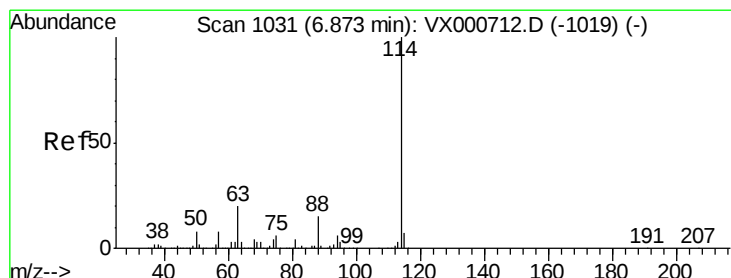
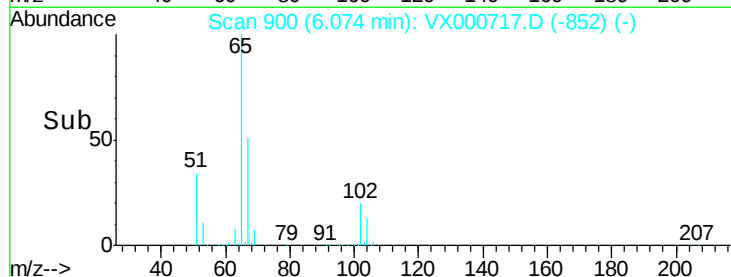
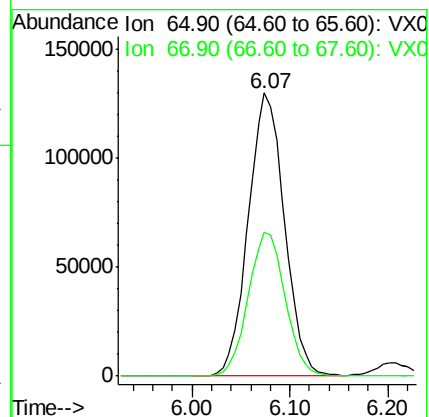
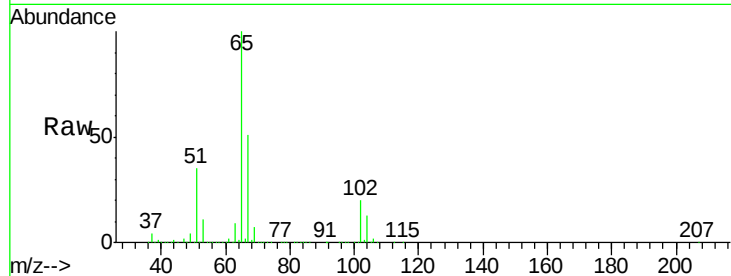
VSTDIC100

Tgt Ion: 65 Resp: 334046

Ion Ratio Lower Upper

65 100

67 51.5 0.0 102.6



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VX000717.D

Acq: 07 Apr 2018 15:49

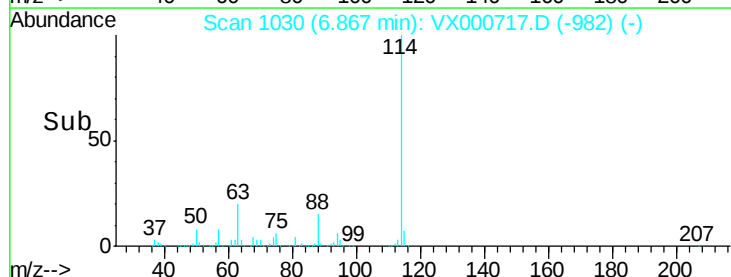
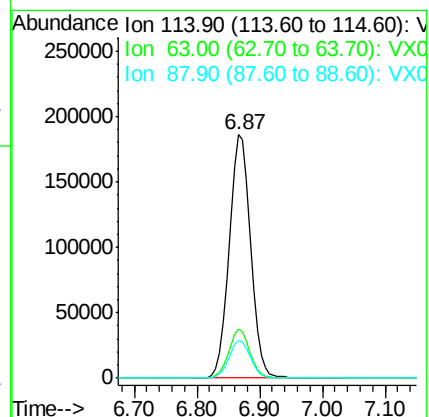
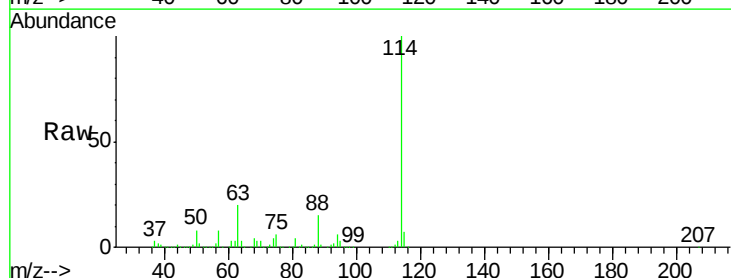
Tgt Ion: 114 Resp: 438906

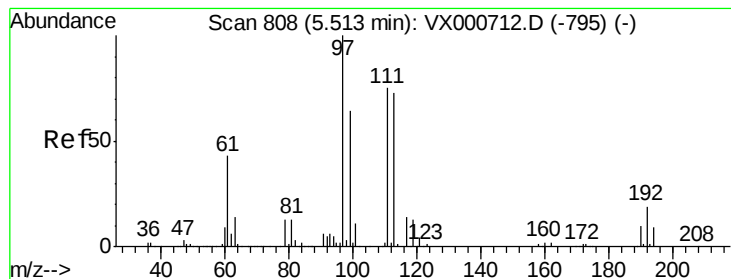
Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.6

88 15.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 98.34 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX000717.D

Acq: 07 Apr 2018 15:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

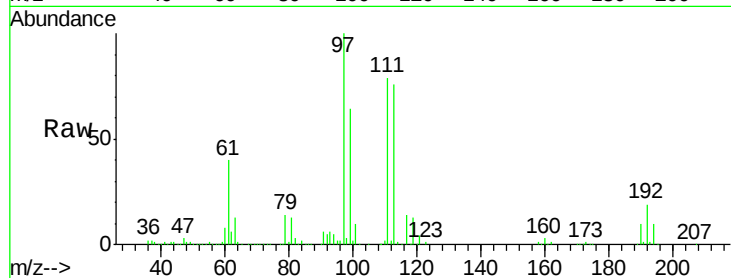
Tgt Ion:113 Resp: 281929

Ion Ratio Lower Upper

113 100

111 102.6 81.5 122.3

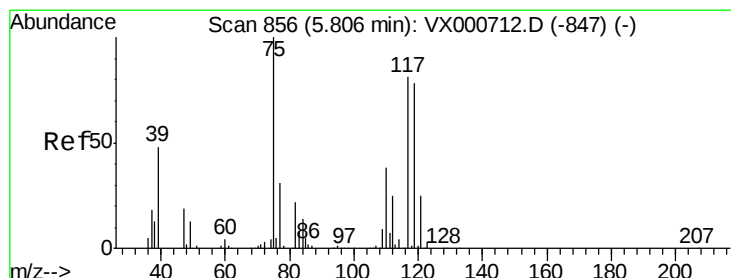
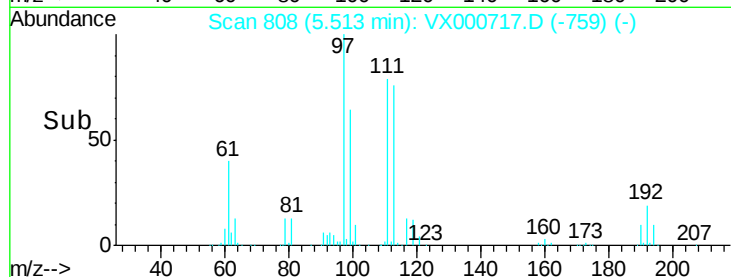
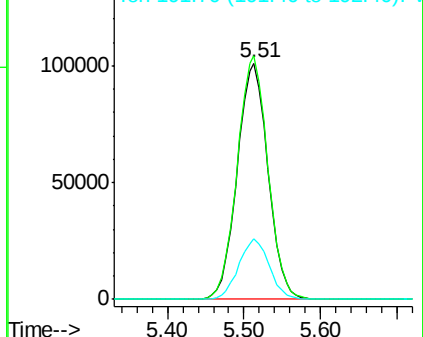
192 25.5 20.0 30.0



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: 101.91 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.00 min

Lab File: VX000717.D

Acq: 07 Apr 2018 15:49

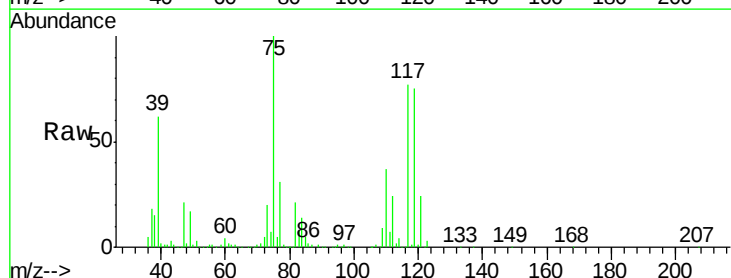
Tgt Ion: 75 Resp: 354314

Ion Ratio Lower Upper

75 100

110 37.6 18.6 56.0

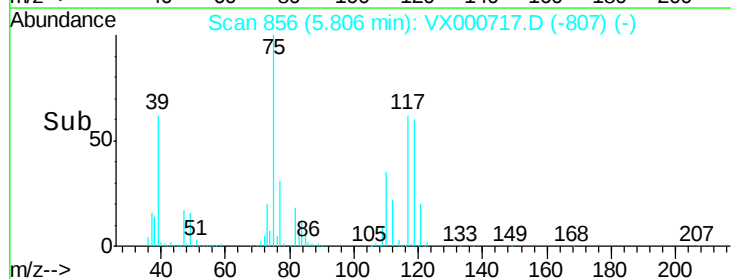
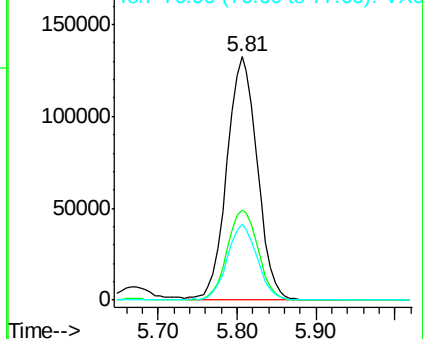
77 30.6 24.6 37.0

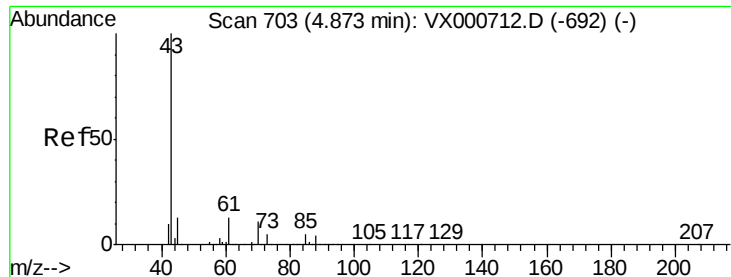


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

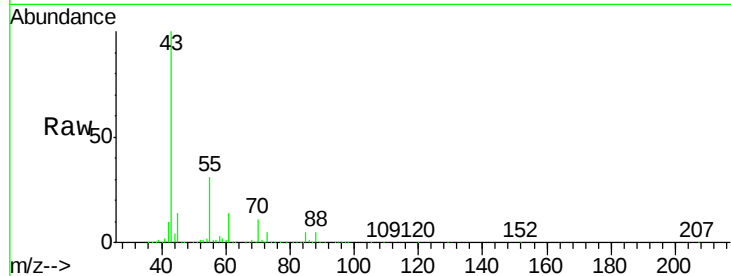




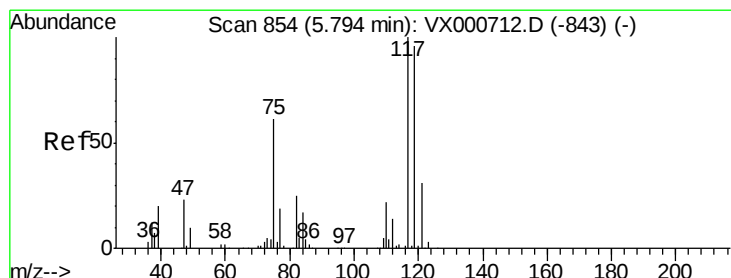
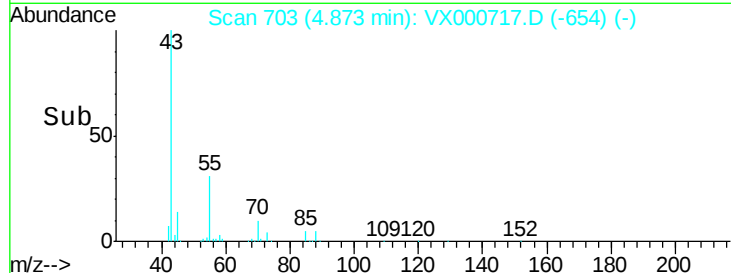
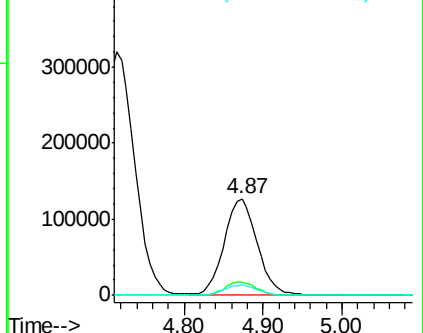
#37
 Ethyl Acetate
 Concen: 92.53 ug/l
 RT: 4.87 min Scan# 703
 Delta R.T. 0.00 min
 Lab File: VX000717.D
 Acq: 07 Apr 2018 15:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion: 43 Resp: 365228
 Ion Ratio Lower Upper
 43 100
 61 13.5 10.5 15.7
 70 10.6 8.4 12.6

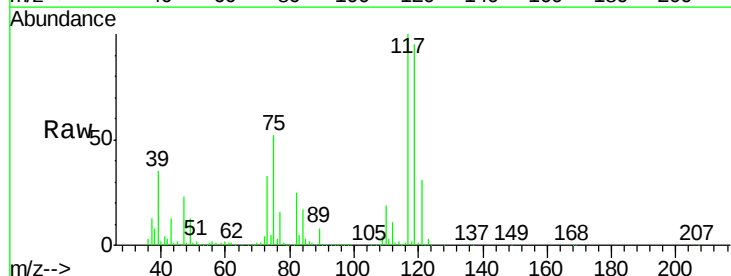


Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 70.00 (69.70 to 70.70): VX0

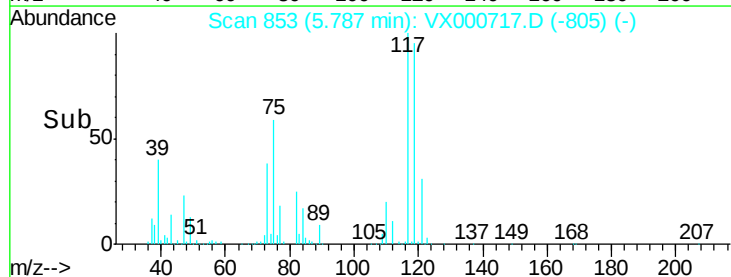
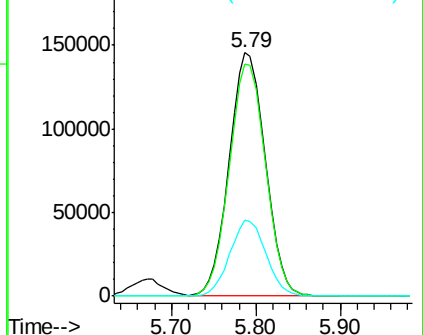


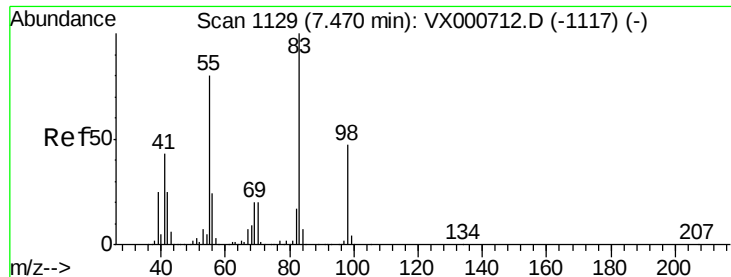
#38
 Carbon Tetrachloride
 Concen: 100.48 ug/l
 RT: 5.79 min Scan# 853
 Delta R.T. -0.01 min
 Lab File: VX000717.D
 Acq: 07 Apr 2018 15:49

Tgt Ion: 117 Resp: 424028
 Ion Ratio Lower Upper
 117 100
 119 95.2 76.7 115.1
 121 31.0 24.7 37.1



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V

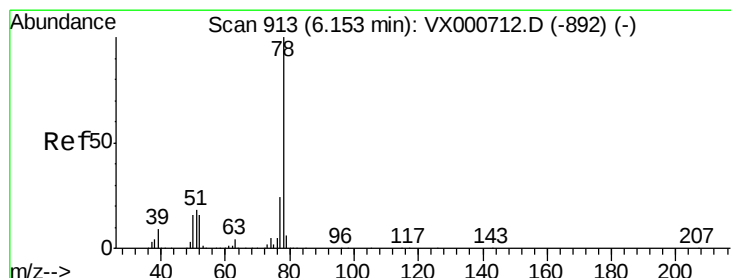
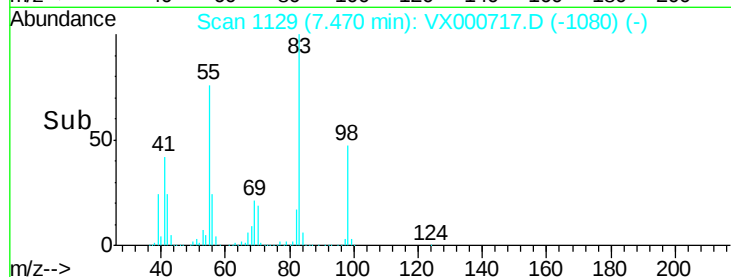
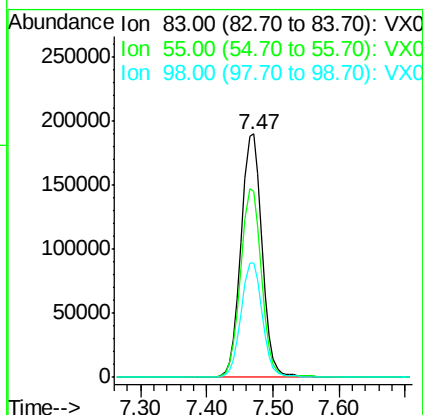
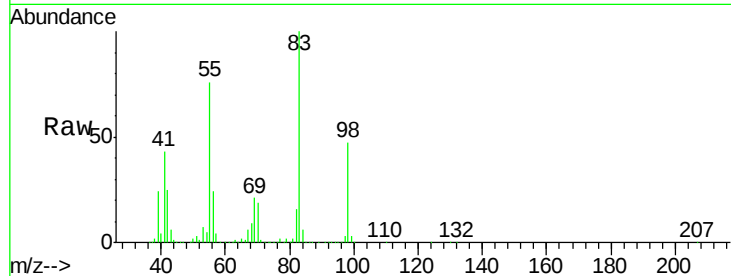




#39
Methylcyclohexane
Concen: 105.20 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX000717.D
Acq: 07 Apr 2018 15:49

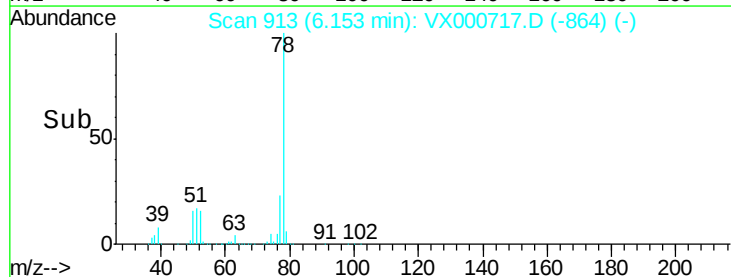
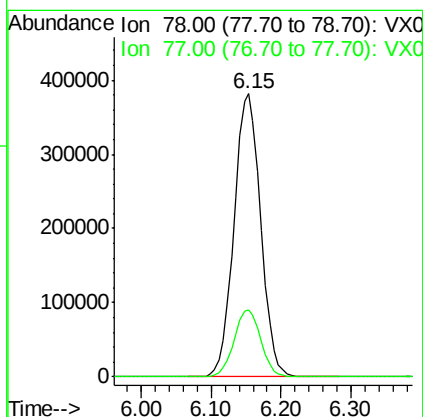
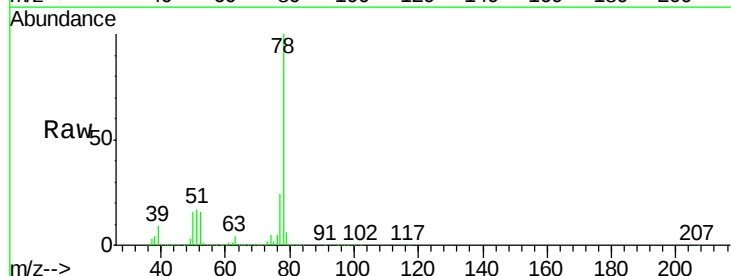
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

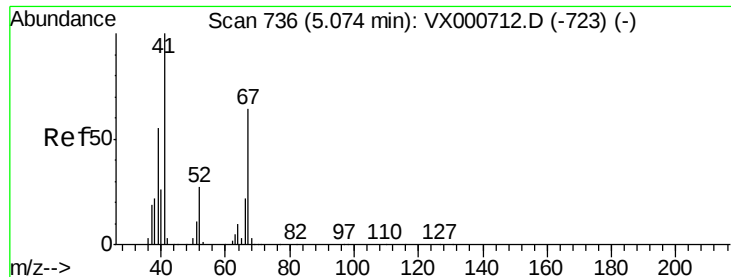
Tgt Ion: 83 Resp: 420337
Ion Ratio Lower Upper
83 100
55 76.0 63.7 95.5
98 46.7 37.2 55.8



#40
Benzene
Concen: 99.31 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000717.D
Acq: 07 Apr 2018 15:49

Tgt Ion: 78 Resp: 1006741
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.4

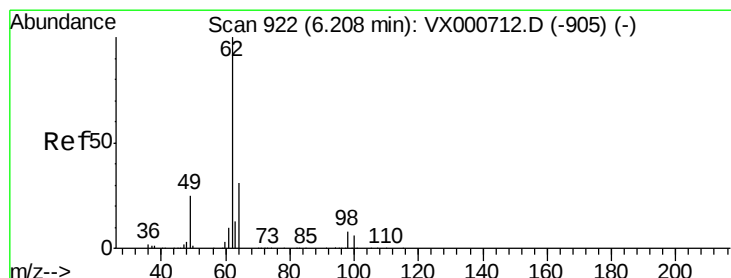
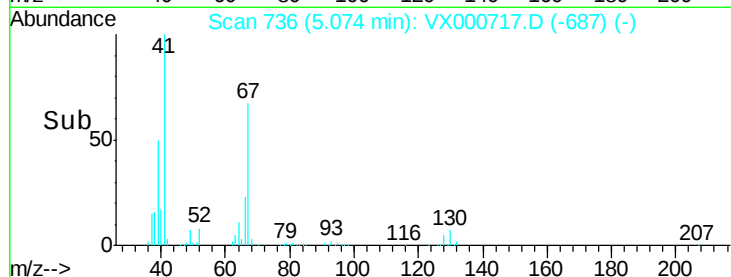
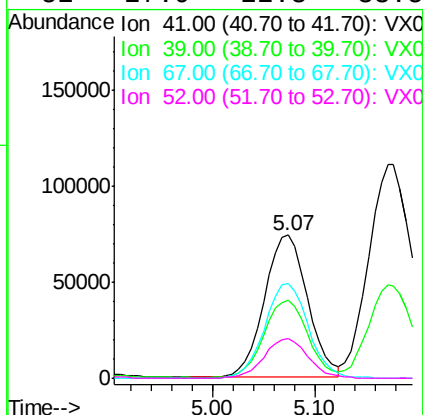
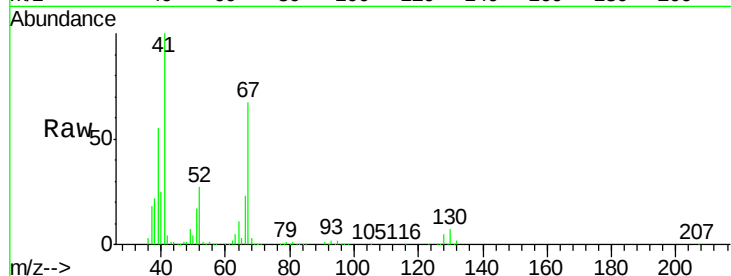




#41
Methacrylonitrile
Concen: 94.21 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.00 min
Lab File: VX000717.D
Acq: 07 Apr 2018 15:49

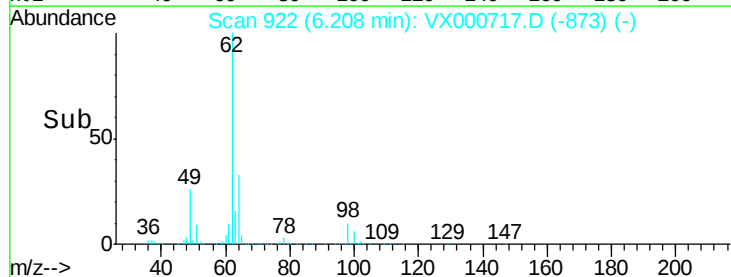
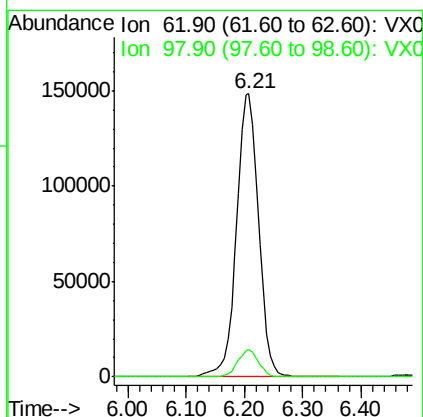
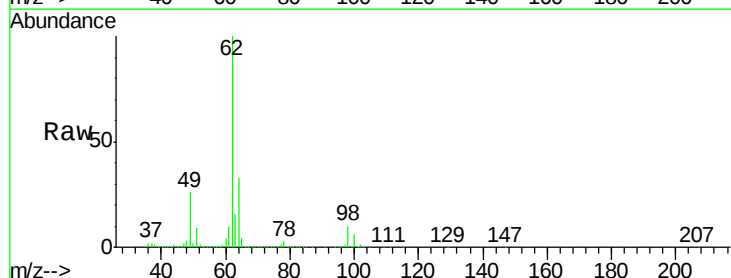
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

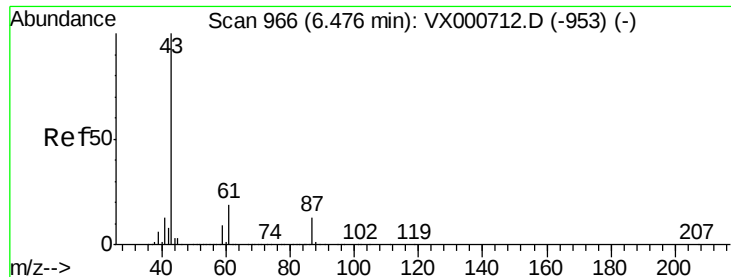
Tgt Ion:	41	Resp:	219074
Ion	Ratio	Lower	Upper
41	100		
39	55.1	45.3	67.9
67	66.8	52.7	79.1
52	27.9	22.3	33.5



#42
1,2-Dichloroethane
Concen: 96.35 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX000717.D
Acq: 07 Apr 2018 15:49

Tgt Ion:	62	Resp:	388878
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	17.2



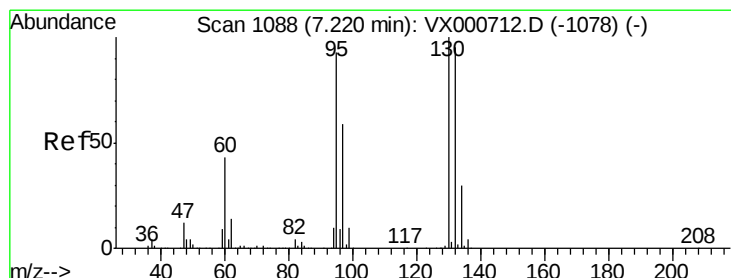
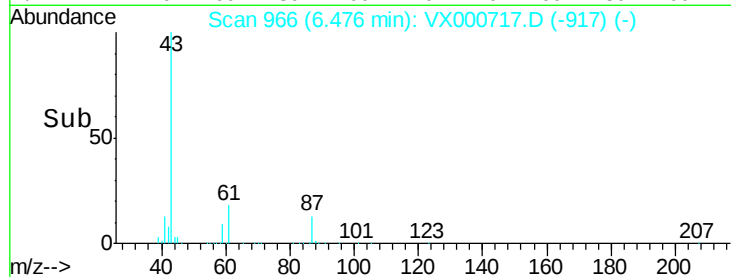
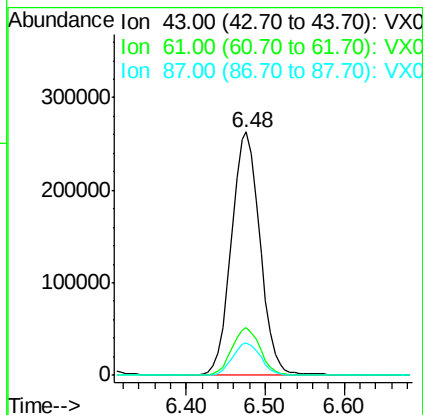
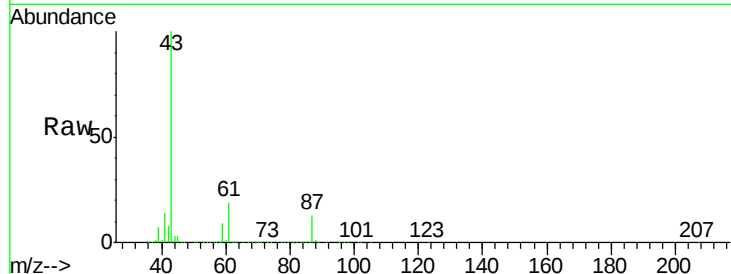


#43

Isopropyl Acetate
 Concen: 94.98 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: VX000717.D
 Acq: 07 Apr 2018 15:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

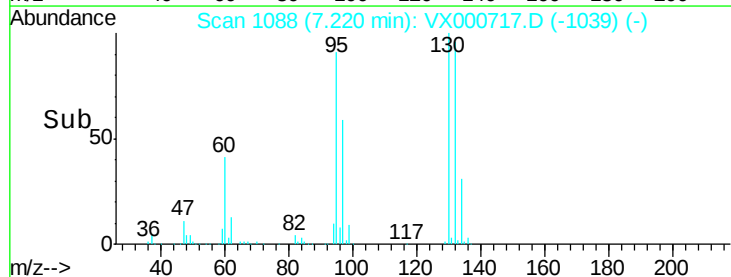
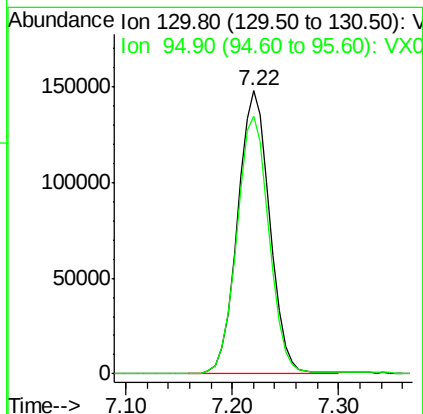
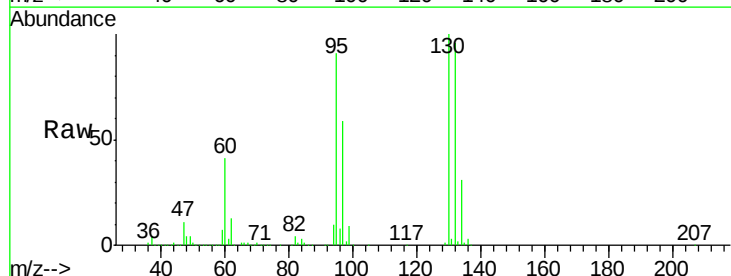
Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.5	15.4	23.0
87	13.2	10.4	15.6

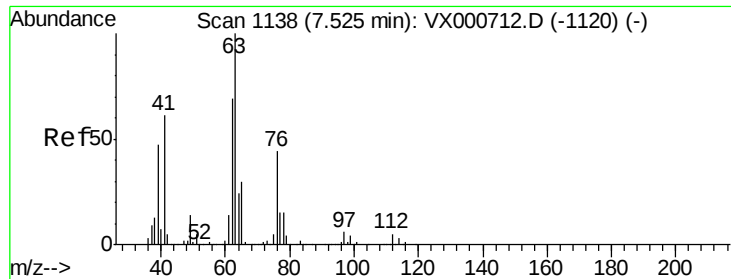


#44

Trichloroethene
 Concen: 100.59 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX000717.D
 Acq: 07 Apr 2018 15:49

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.3	0.0	185.4

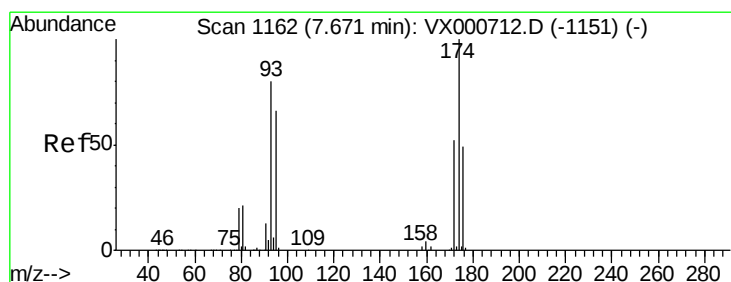
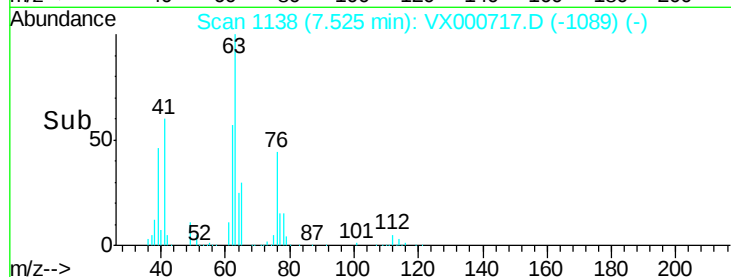
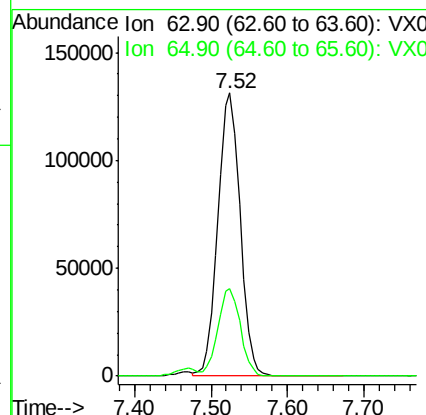
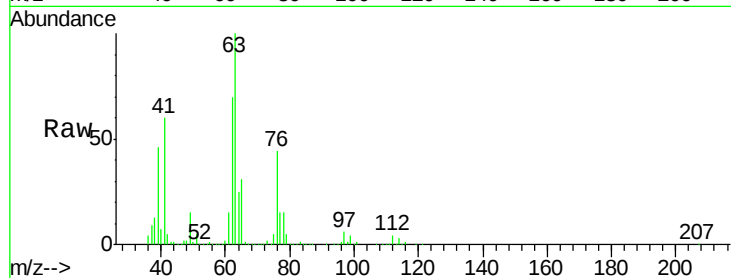




#45
 1,2-Dichloropropane
 Concen: 97.17 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX000717.D
 Acq: 07 Apr 2018 15:49

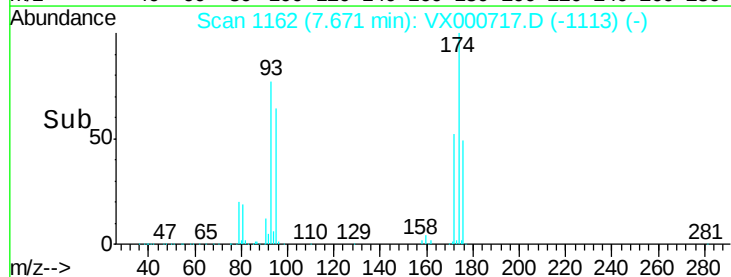
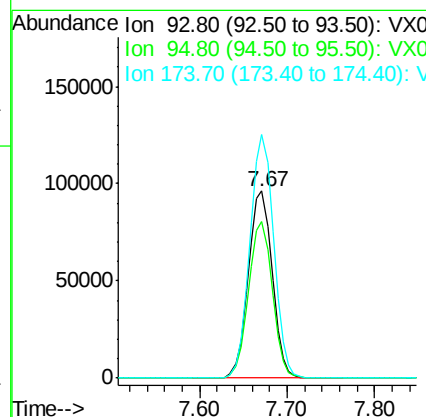
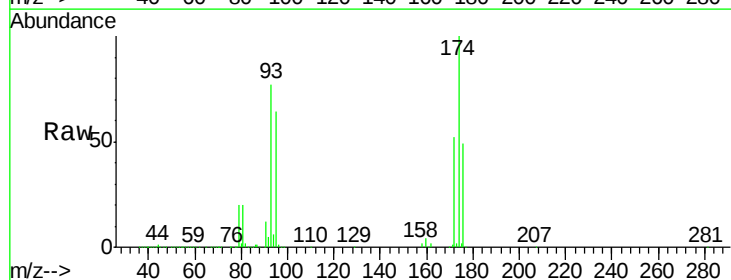
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

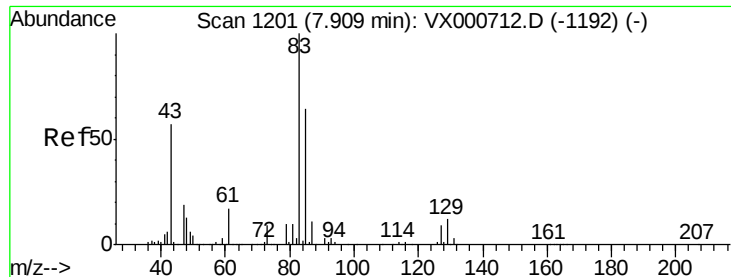
Tgt Ion: 63 Resp: 265571
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.2 36.2



#46
 Dibromomethane
 Concen: 97.76 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX000717.D
 Acq: 07 Apr 2018 15:49

Tgt Ion: 93 Resp: 183150
 Ion Ratio Lower Upper
 93 100
 95 83.3 66.0 99.0
 174 129.3 100.2 150.2

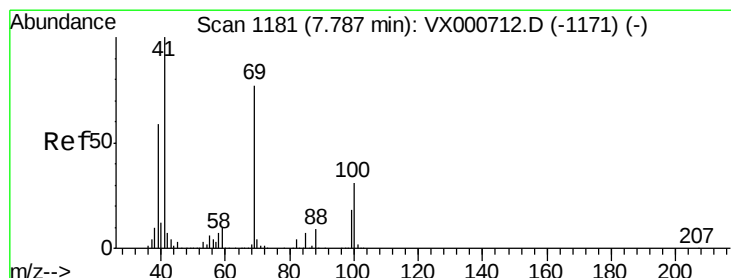
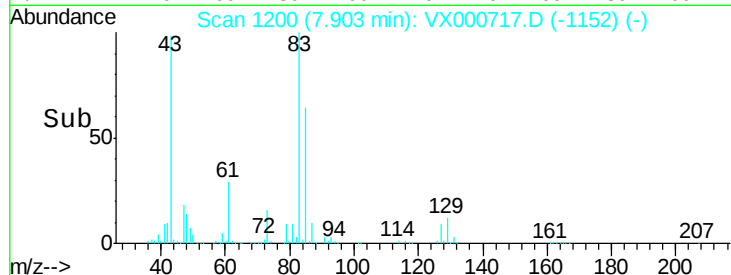
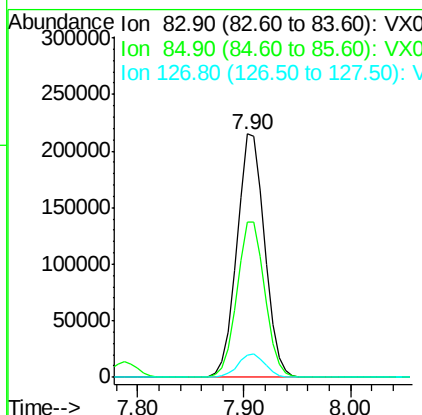
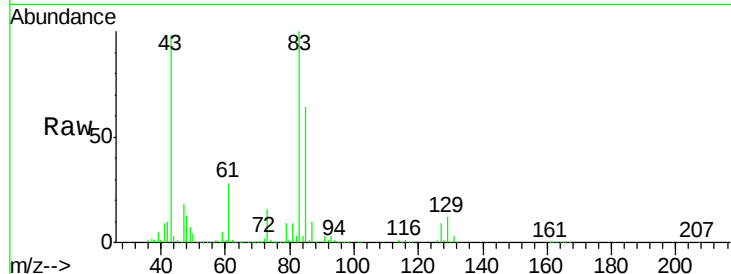




#47
 Bromodichloromethane
 Concen: 99.50 ug/l
 RT: 7.90 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: VX000717.D
 Acq: 07 Apr 2018 15:49

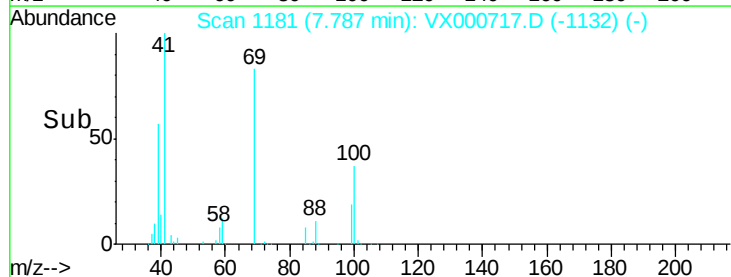
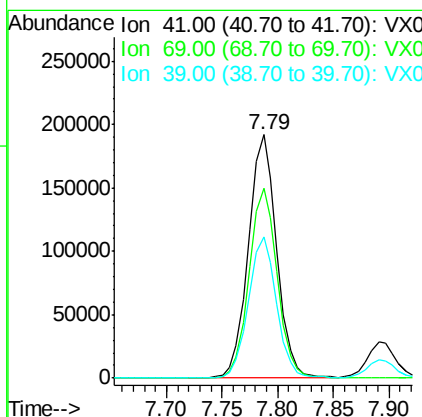
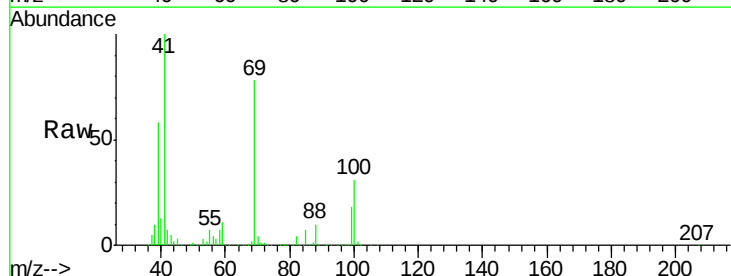
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

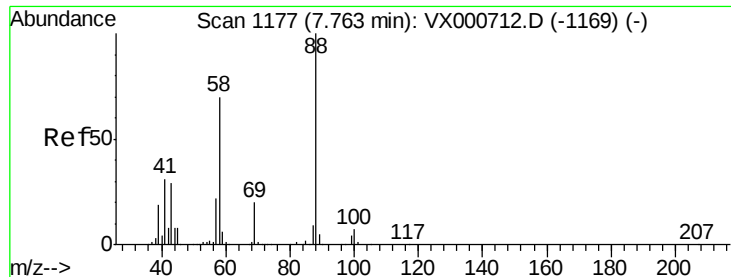
Tgt Ion: 83 Resp: 393330
 Ion Ratio Lower Upper
 83 100
 85 63.5 51.0 76.4
 127 9.4 7.4 11.2



#48
 Methyl methacrylate
 Concen: 94.74 ug/l
 RT: 7.79 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VX000717.D
 Acq: 07 Apr 2018 15:49

Tgt Ion: 41 Resp: 337075
 Ion Ratio Lower Upper
 41 100
 69 78.0 62.0 93.0
 39 57.8 47.0 70.4





#49

1,4-Dioxane

Concen: 1749.81 ug/l

RT: 7.77 min Scan# 1178

Delta R.T. 0.01 min

Lab File: VX000717.D

Acq: 07 Apr 2018 15:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

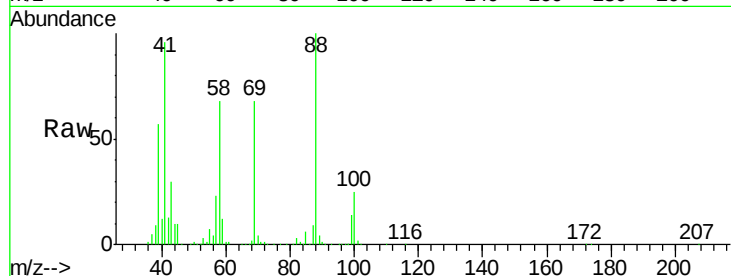
Tgt Ion: 88 Resp: 126182

Ion Ratio Lower Upper

88 100

43 34.4 27.9 41.9

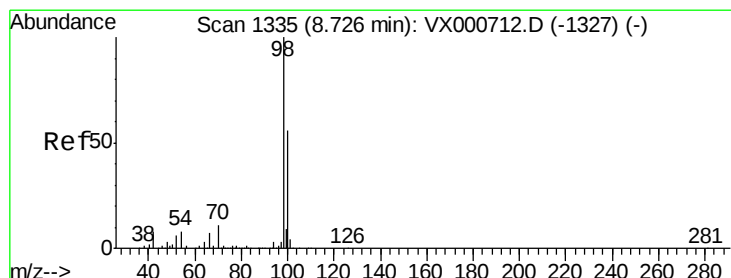
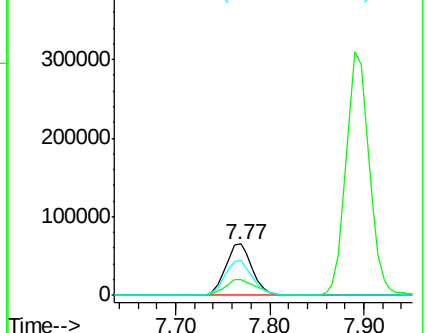
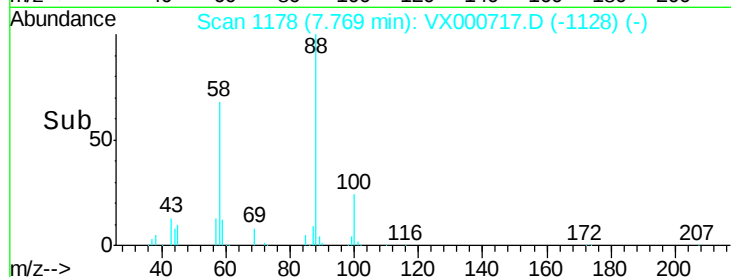
58 70.5 57.0 85.4



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 99.26 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.01 min

Lab File: VX000717.D

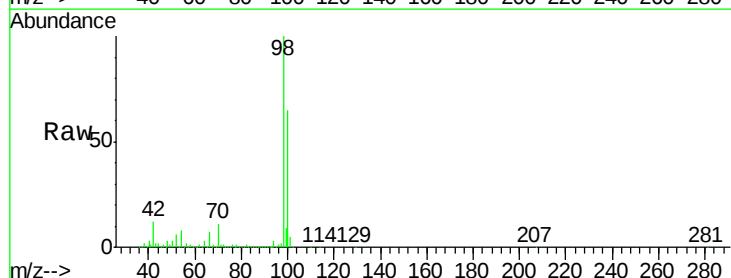
Acq: 07 Apr 2018 15:49

Tgt Ion: 98 Resp: 1044793

Ion Ratio Lower Upper

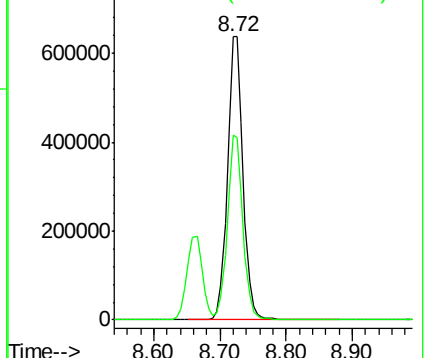
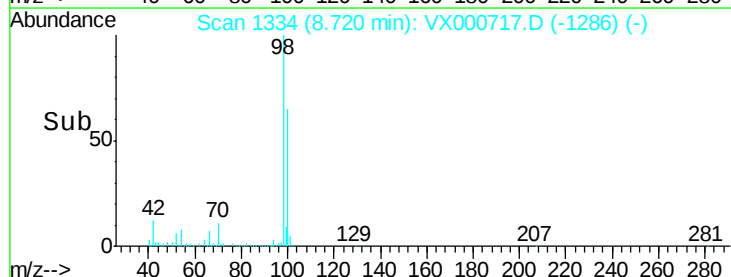
98 100

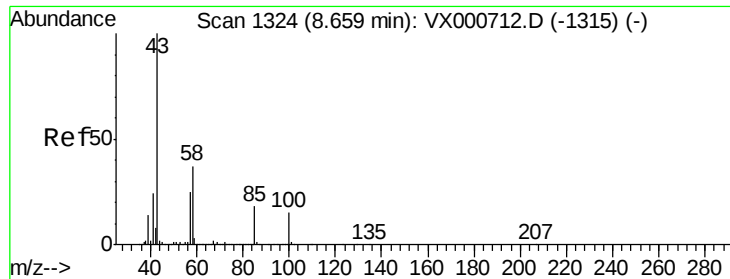
100 65.1 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

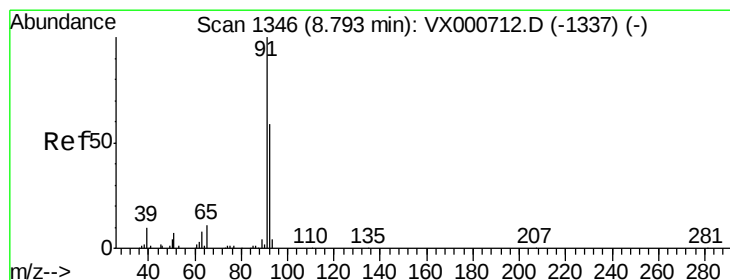
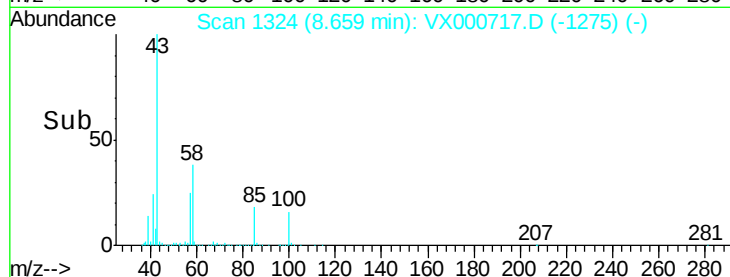
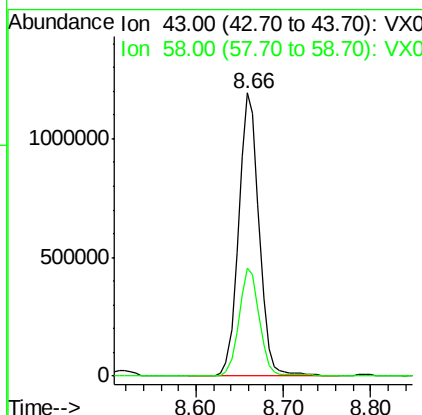
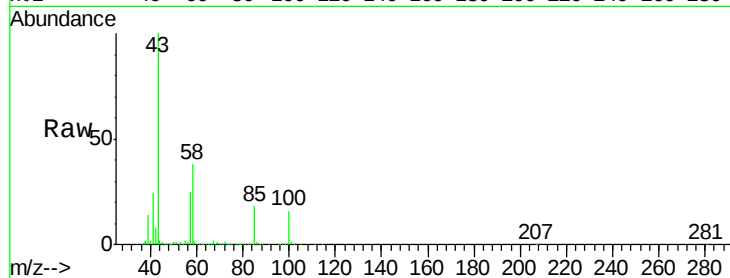




#51
 4-Methyl-2-Pentanone
 Concen: 470.96 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX000717.D
 Acq: 07 Apr 2018 15:49

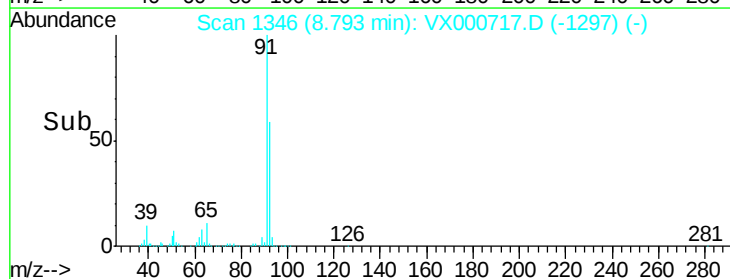
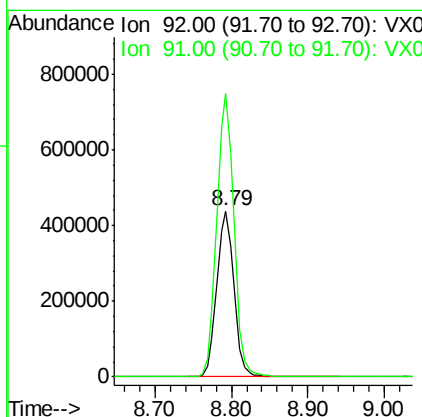
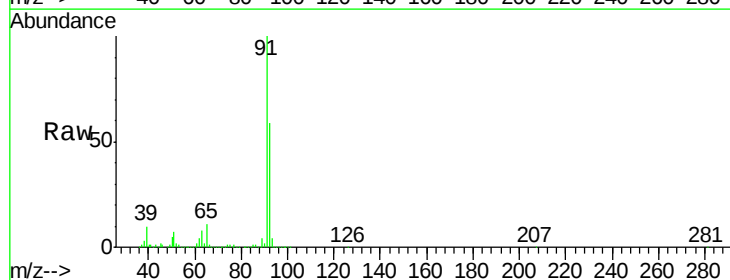
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

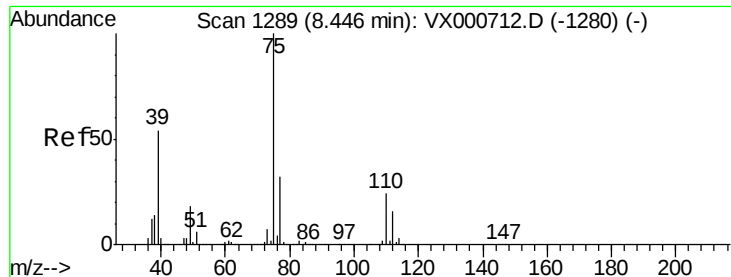
Tgt Ion: 43 Resp: 1941657
 Ion Ratio Lower Upper
 43 100
 58 37.9 30.6 46.0



#52
 Toluene
 Concen: 100.00 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: VX000717.D
 Acq: 07 Apr 2018 15:49

Tgt Ion: 92 Resp: 677105
 Ion Ratio Lower Upper
 92 100
 91 171.6 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 99.89 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VX000717.D

Acq: 07 Apr 2018 15:49

Instrument :

MSVOA_X

ClientSampleId :

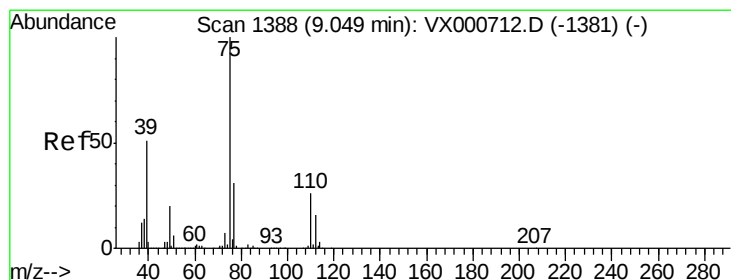
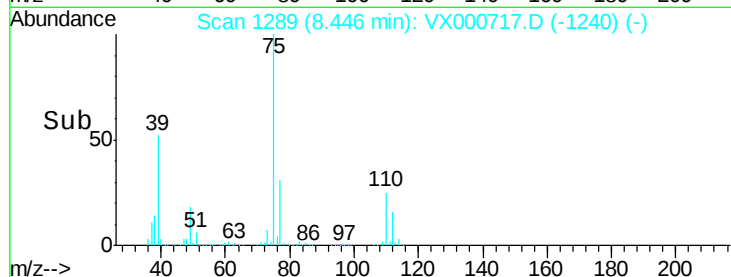
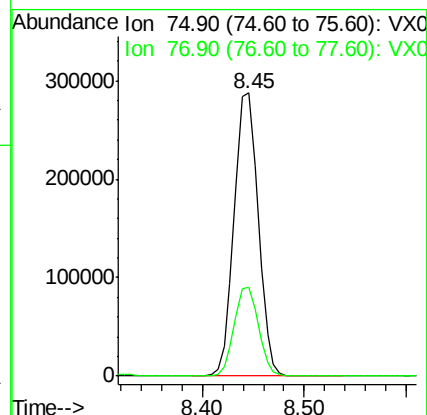
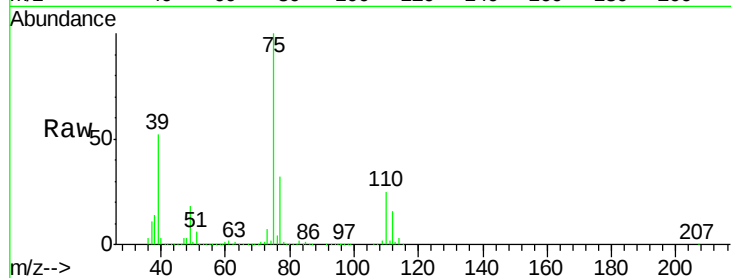
VSTDIC100

Tgt Ion: 75 Resp: 468957

Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 98.93 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX000717.D

Acq: 07 Apr 2018 15:49

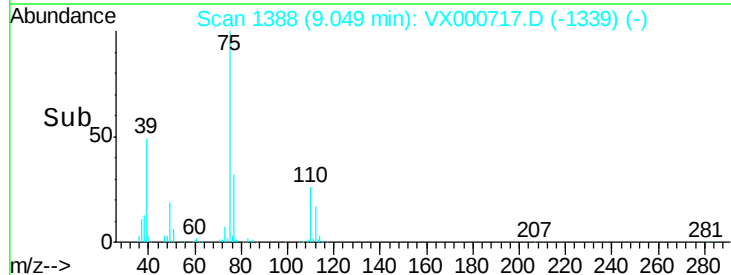
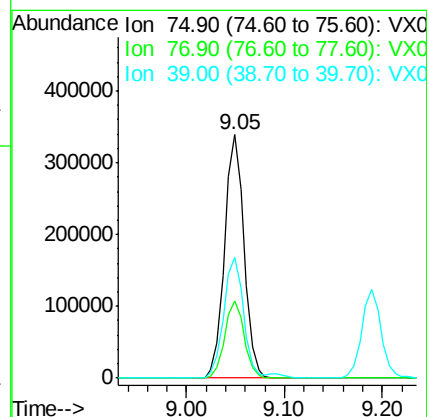
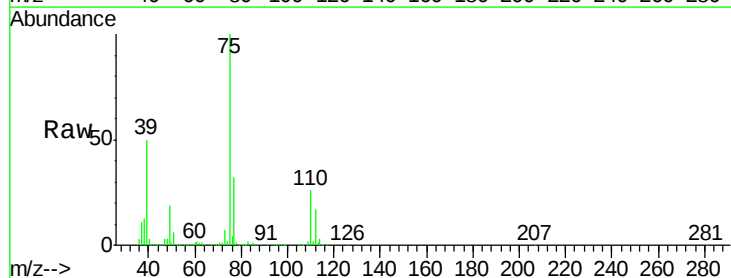
Tgt Ion: 75 Resp: 467512

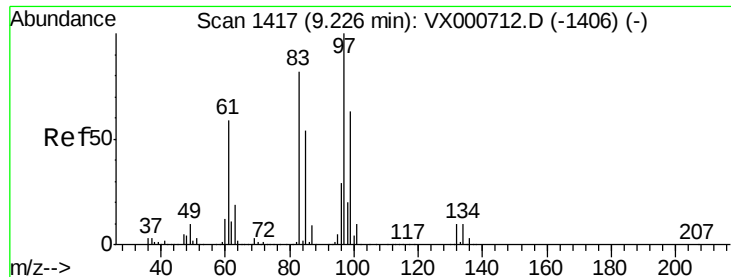
Ion Ratio Lower Upper

75 100

77 31.8 25.2 37.8

39 49.6 40.5 60.7

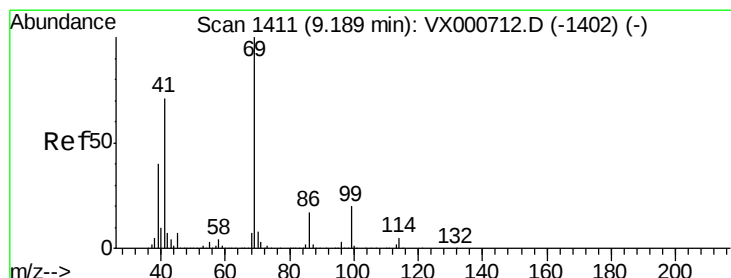
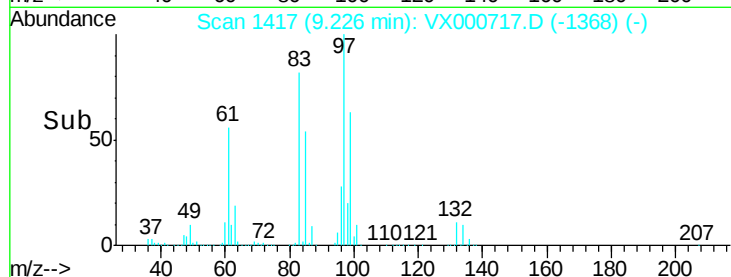
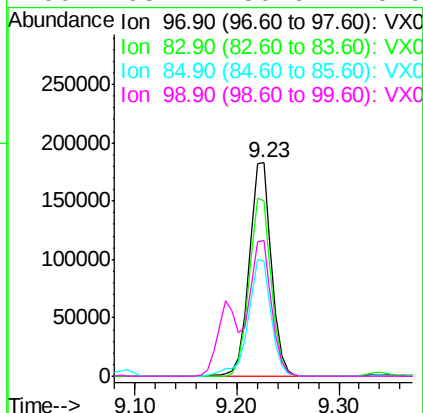
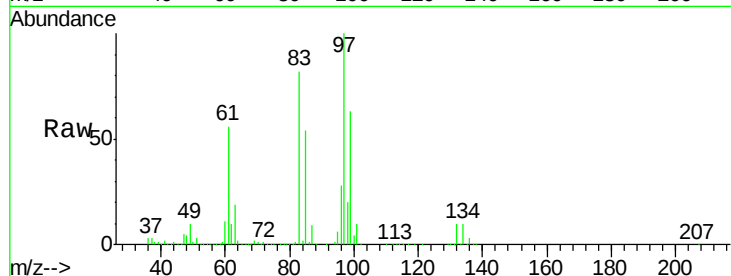




#55
 1,1,2-Trichloroethane
 Concen: 98.89 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000717.D
 Acq: 07 Apr 2018 15:49

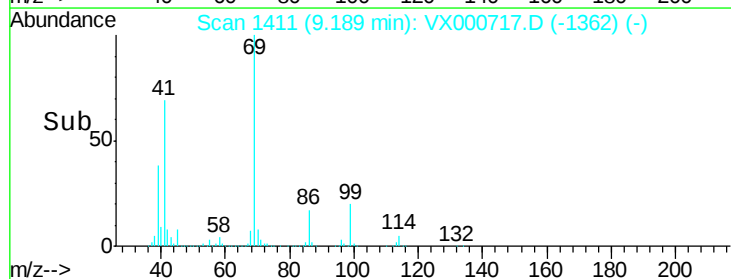
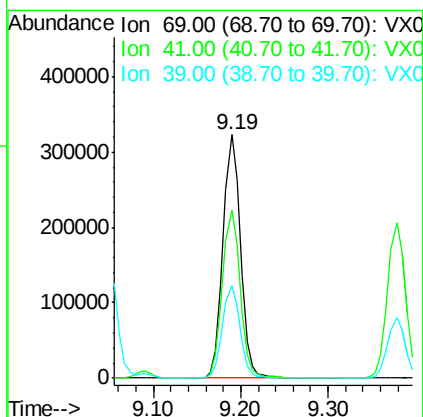
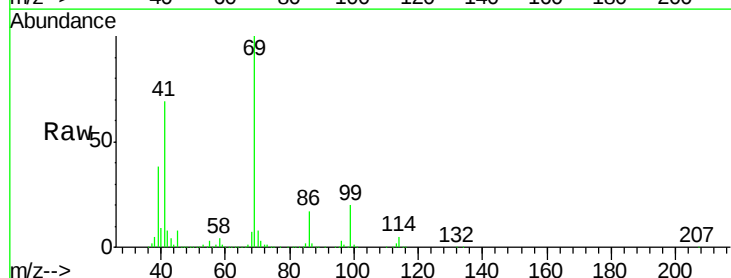
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC100

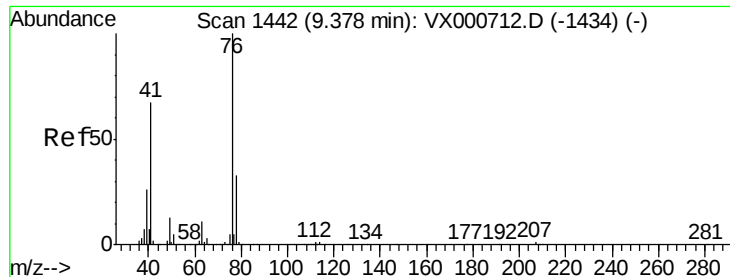
Tgt Ion:	97	Resp:	276797
Ion	Ratio	Lower	Upper
97	100		
83	82.1	65.7	98.5
85	54.1	42.8	64.2
99	63.4	50.6	76.0



#56
 Ethyl methacrylate
 Concen: 98.03 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX000717.D
 Acq: 07 Apr 2018 15:49

Tgt Ion:	69	Resp:	446032
Ion	Ratio	Lower	Upper
69	100		
41	69.7	56.4	84.6
39	38.0	31.4	47.2





#57

1,3-Dichloropropane

Concen: 99.53 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX000717.D

Acq: 07 Apr 2018 15:49

Instrument :

MSVOA_X

ClientSampleId :

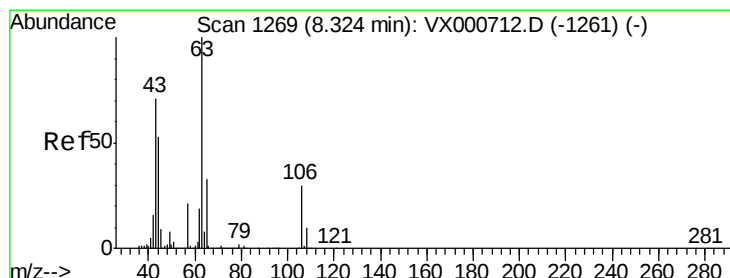
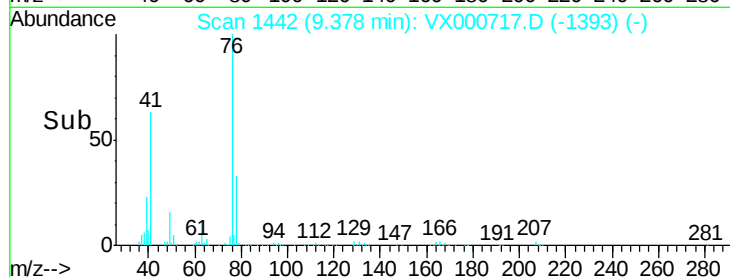
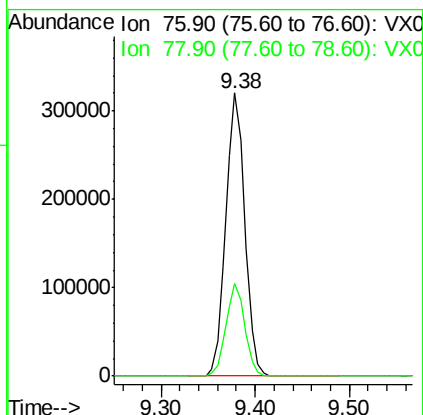
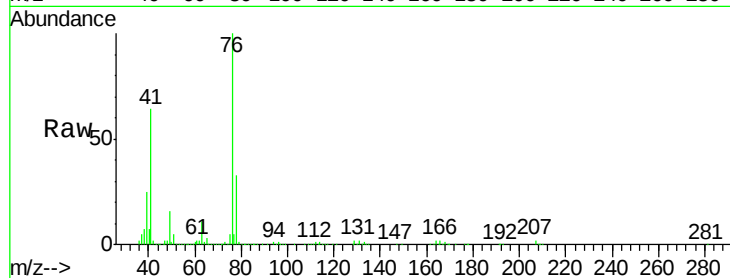
VSTDIC100

Tgt Ion: 76 Resp: 447781

Ion Ratio Lower Upper

76 100

78 32.3 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 562.09 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX000717.D

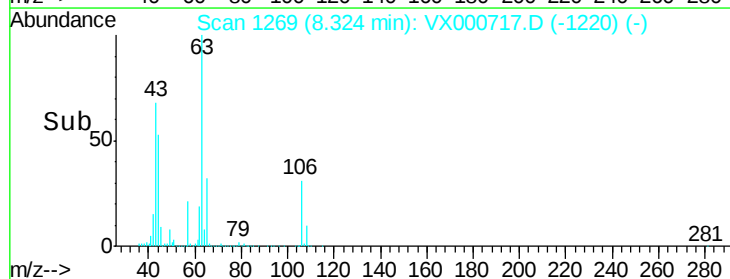
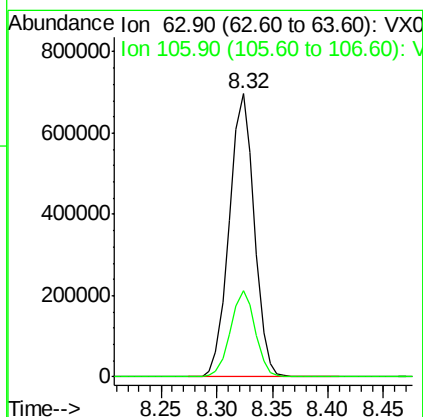
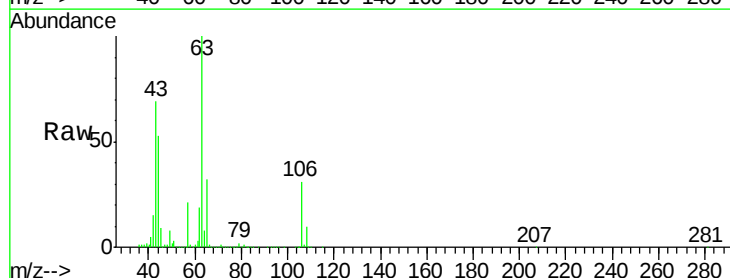
Acq: 07 Apr 2018 15:49

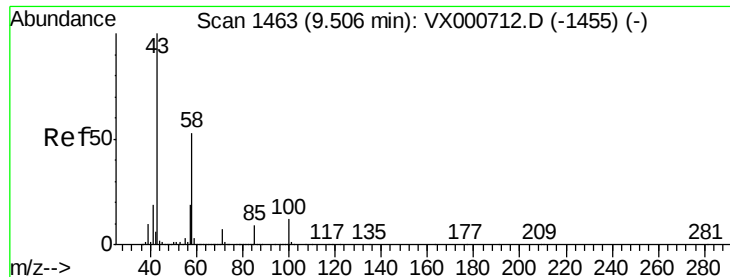
Tgt Ion: 63 Resp: 1083046

Ion Ratio Lower Upper

63 100

106 30.2 24.0 36.0

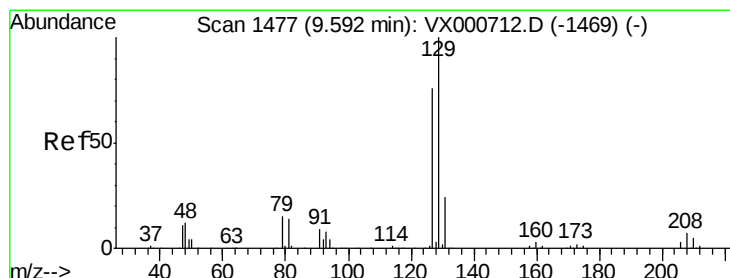
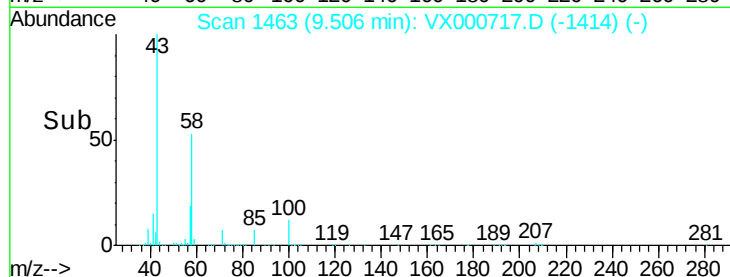
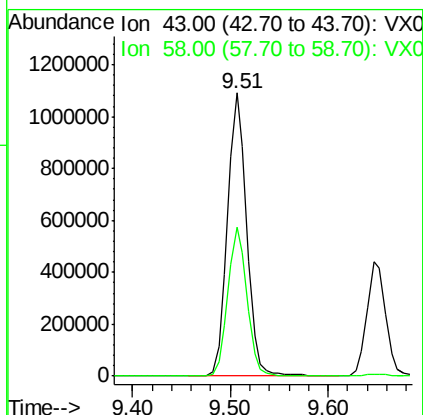
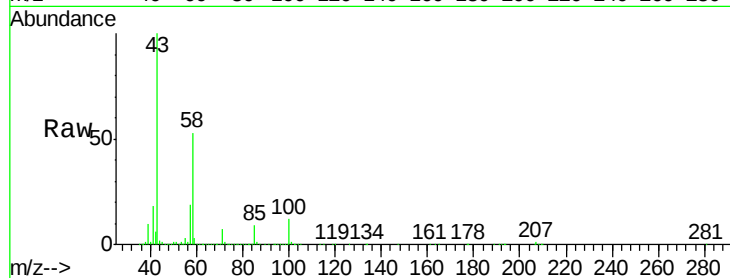




#59
2-Hexanone
Concen: 468.07 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX000717.D
Acq: 07 Apr 2018 15:49

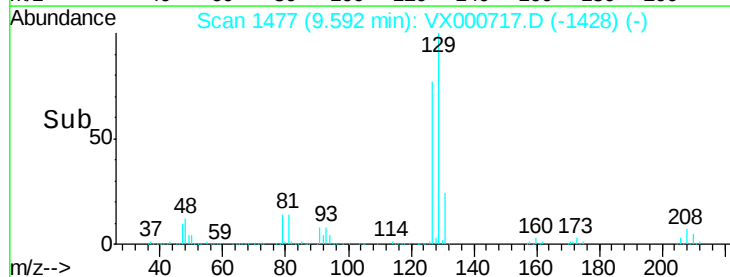
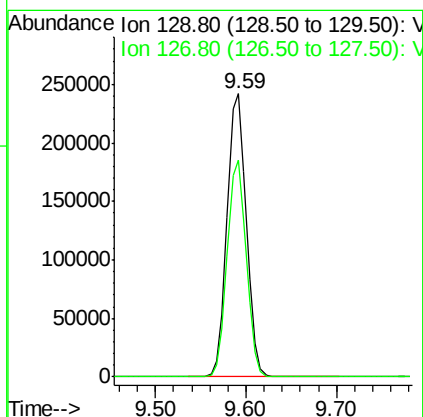
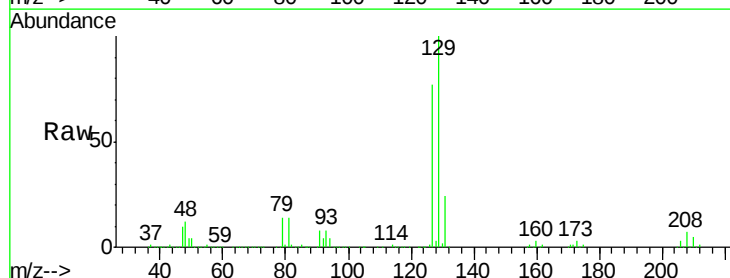
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

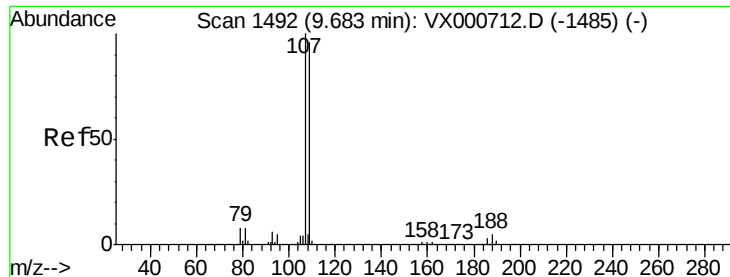
Tgt Ion: 43 Resp: 1483848
Ion Ratio Lower Upper
43 100
58 52.6 25.9 77.8



#60
Dibromochloromethane
Concen: 101.26 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000717.D
Acq: 07 Apr 2018 15:49

Tgt Ion: 129 Resp: 356111
Ion Ratio Lower Upper
129 100
127 76.2 38.2 114.6

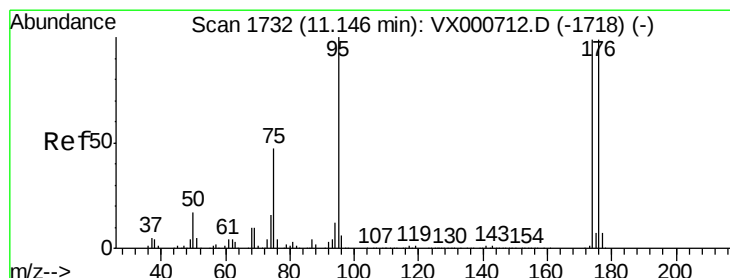
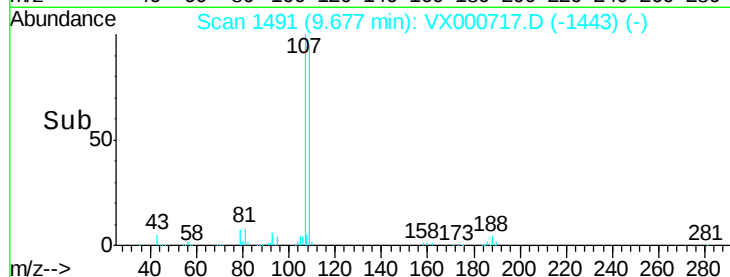
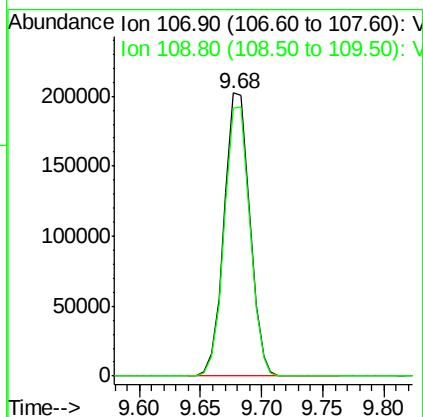
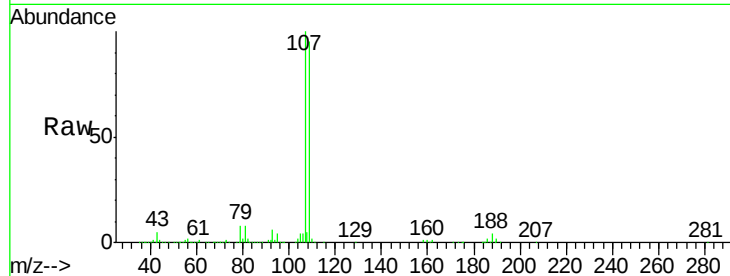




#61
 1,2-Dibromoethane
 Concen: 98.46 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: VX000717.D
 Acq: 07 Apr 2018 15:49

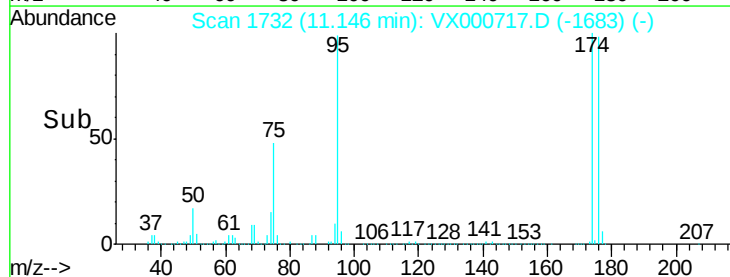
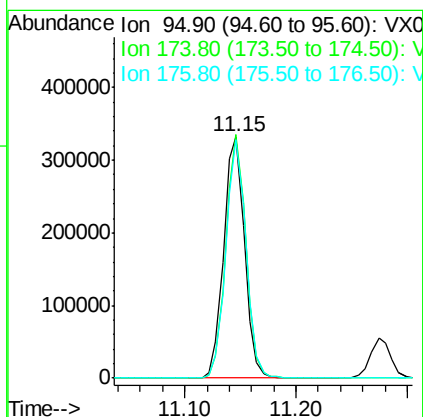
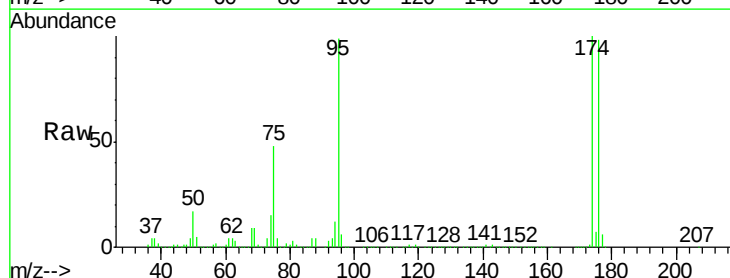
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

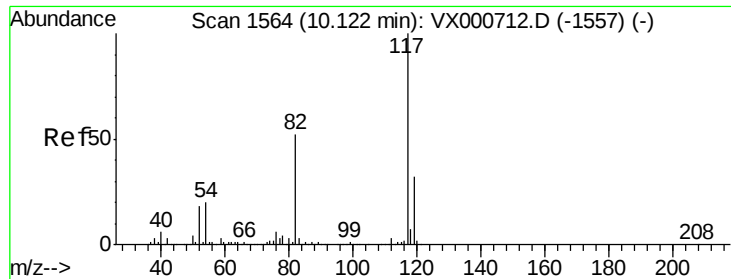
Tgt Ion: 107 Resp: 293177
 Ion Ratio Lower Upper
 107 100
 109 95.1 76.6 115.0



#62
 4-Bromofluorobenzene
 Concen: 100.79 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. 0.00 min
 Lab File: VX000717.D
 Acq: 07 Apr 2018 15:49

Tgt Ion: 95 Resp: 430107
 Ion Ratio Lower Upper
 95 100
 174 97.0 0.0 191.6
 176 95.5 0.0 187.0

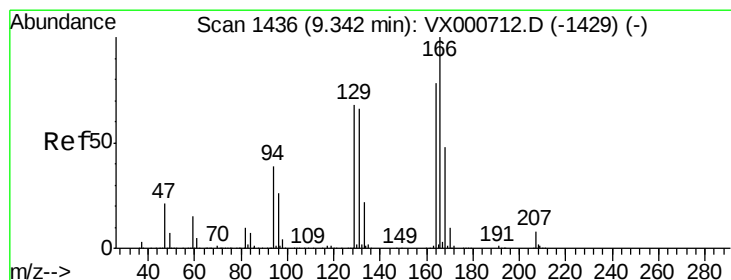
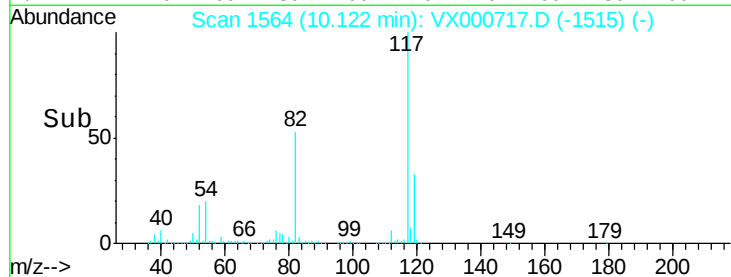
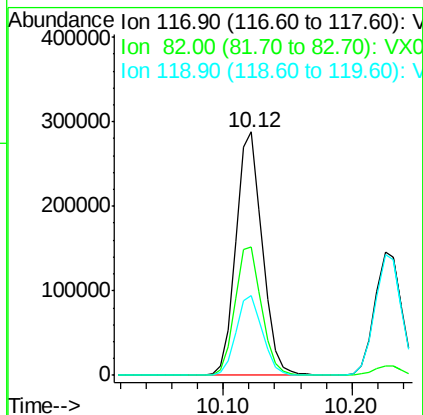
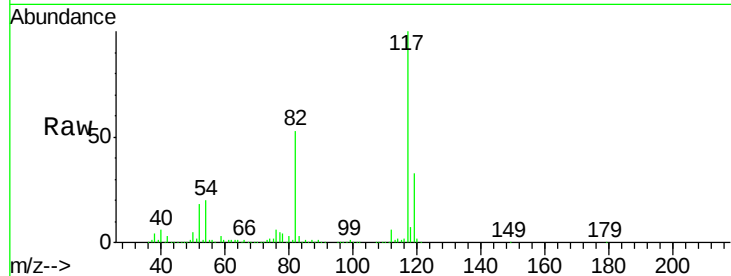




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000717.D
Acq: 07 Apr 2018 15:49

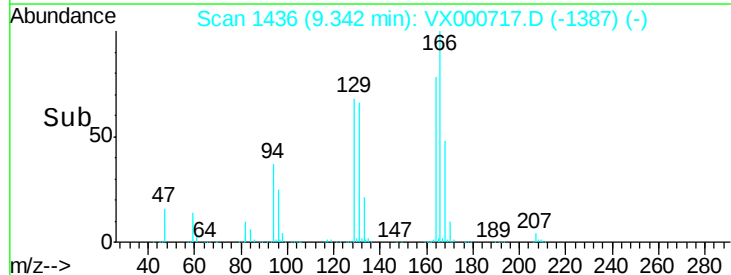
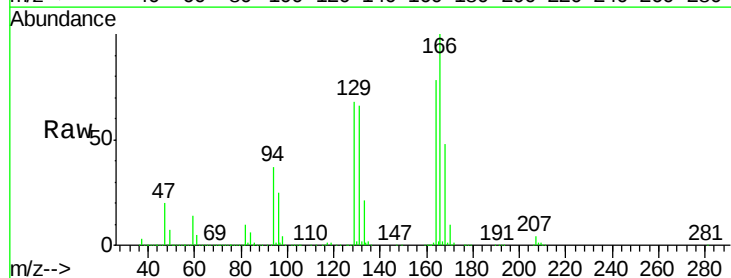
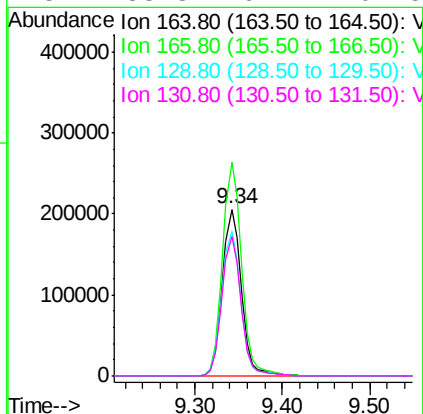
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

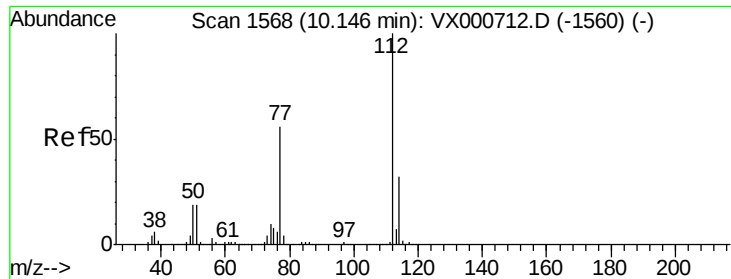
Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.8	41.9	62.9
119	32.9	25.8	38.8



#64
Tetrachloroethene
Concen: 101.46 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000717.D
Acq: 07 Apr 2018 15:49

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.9	102.4	153.6
129	86.6	69.3	103.9
131	83.8	67.7	101.5

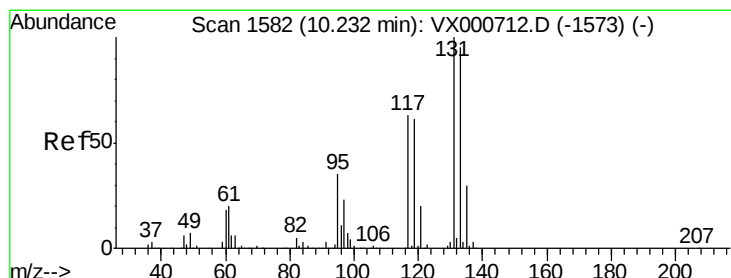
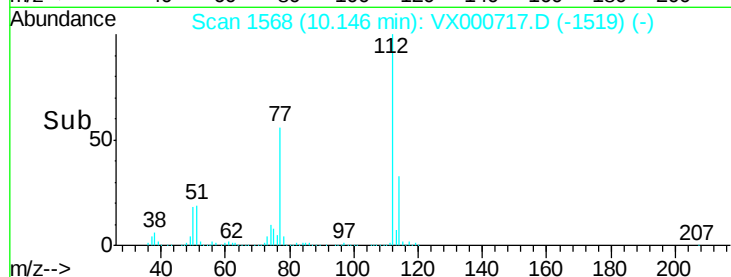
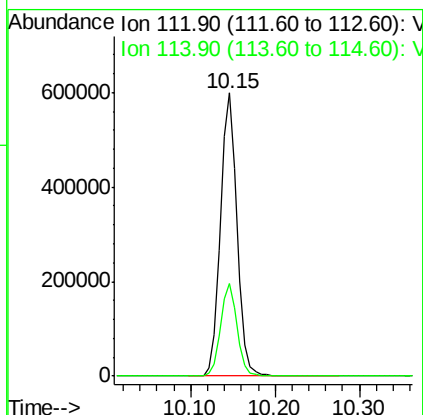
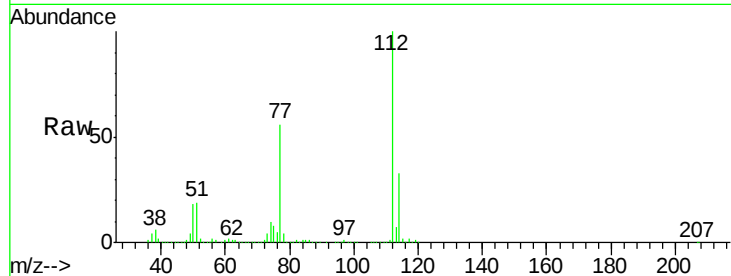




#65
Chlorobenzene
Concen: 100.73 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000717.D
Acq: 07 Apr 2018 15:49

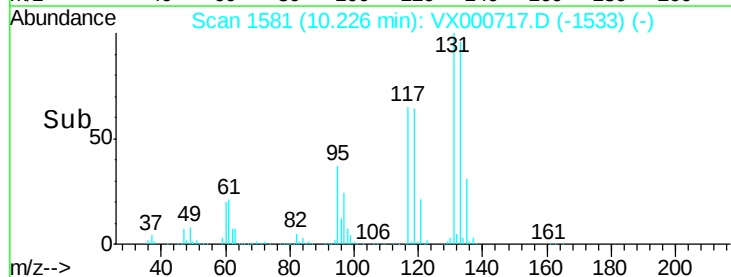
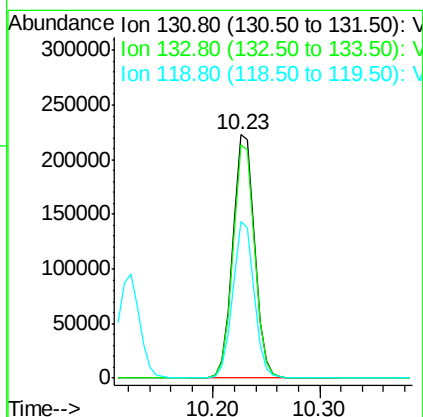
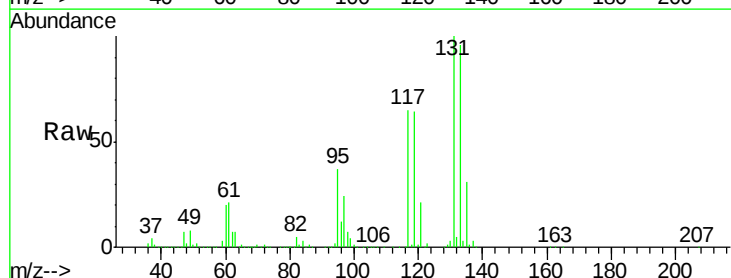
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

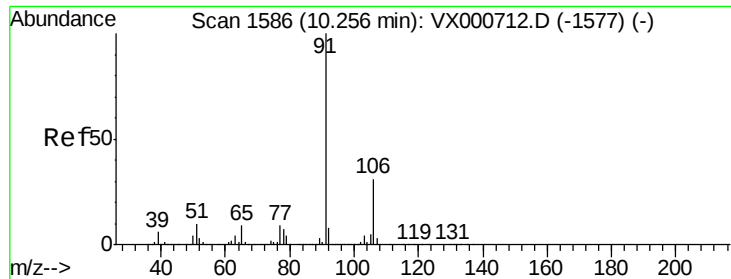
Tgt Ion:112 Resp: 815299
Ion Ratio Lower Upper
112 100
114 32.8 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 100.67 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.01 min
Lab File: VX000717.D
Acq: 07 Apr 2018 15:49

Tgt Ion:131 Resp: 320587
Ion Ratio Lower Upper
131 100
133 95.7 48.0 144.2
119 62.9 31.5 94.5





#67

Ethyl Benzene

Concen: 100.39 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX000717.D

Acq: 07 Apr 2018 15:49

Instrument :

MSVOA_X

ClientSampleId :

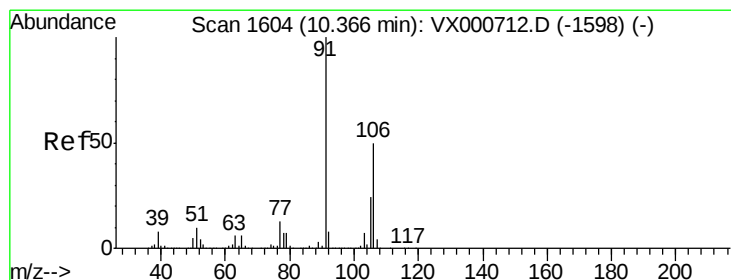
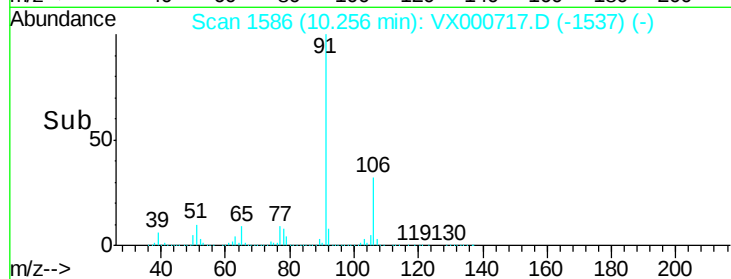
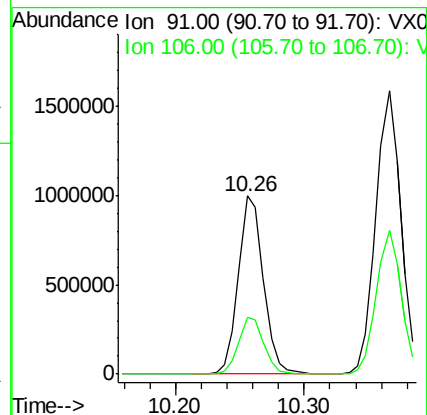
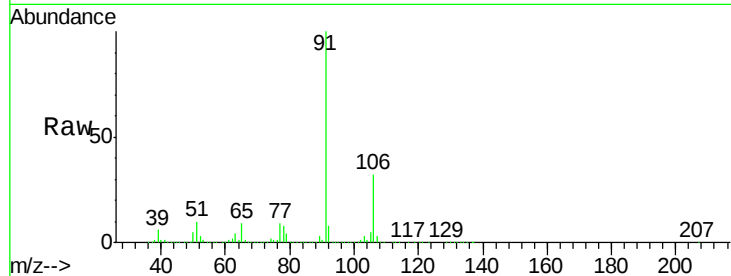
VSTDIC100

Tgt Ion: 91 Resp: 1364157

Ion Ratio Lower Upper

91 100

106 31.7 25.1 37.7



#68

m/p-Xylenes

Concen: 203.05 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX000717.D

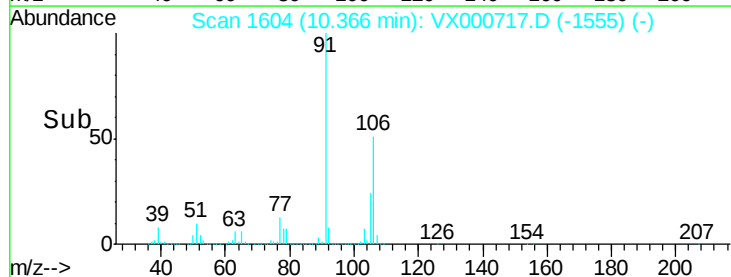
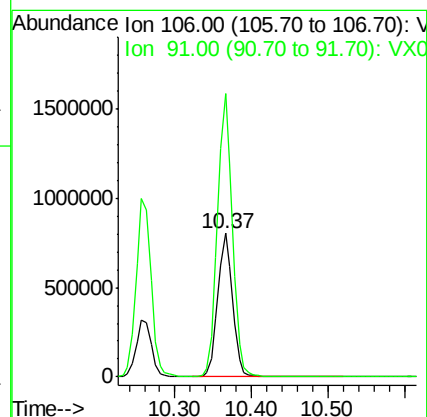
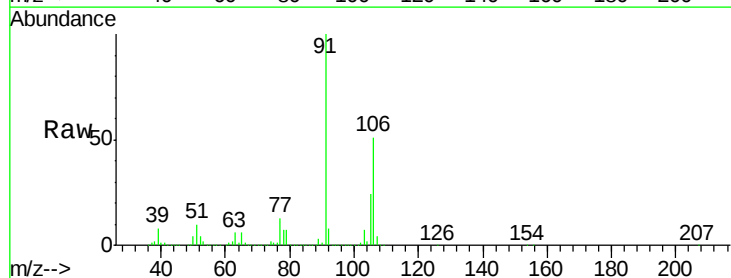
Acq: 07 Apr 2018 15:49

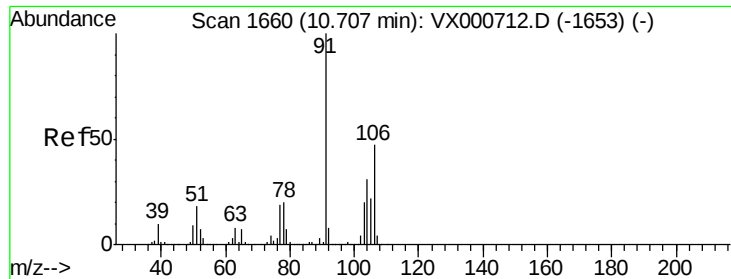
Tgt Ion: 106 Resp: 1078567

Ion Ratio Lower Upper

106 100

91 198.6 159.7 239.5

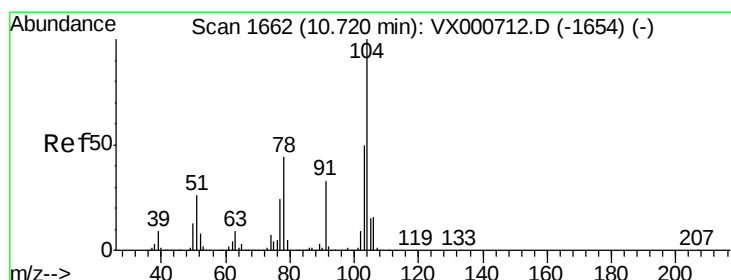
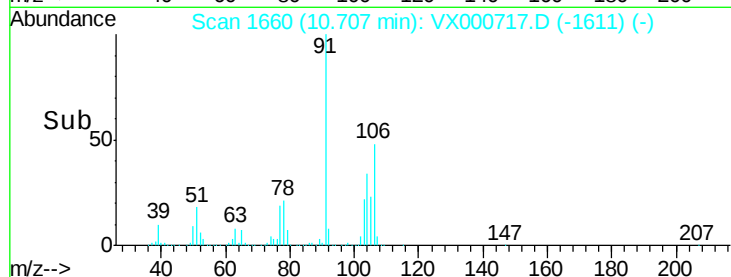
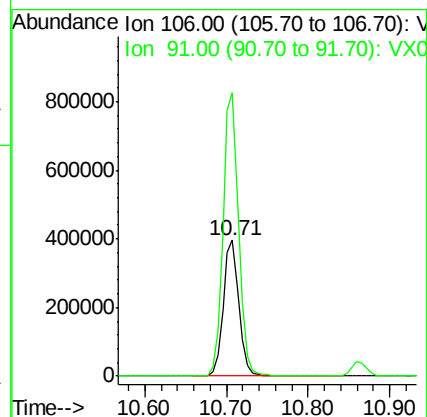
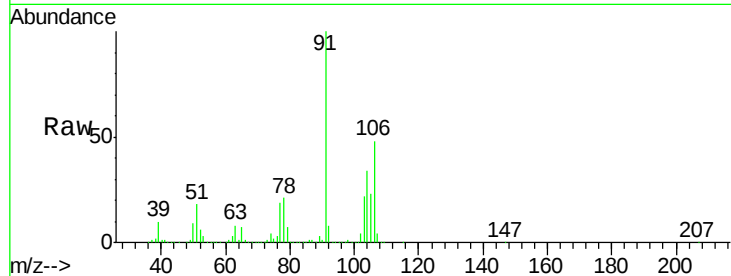




#69
o-Xylene
Concen: 101.48 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000717.D
Acq: 07 Apr 2018 15:49

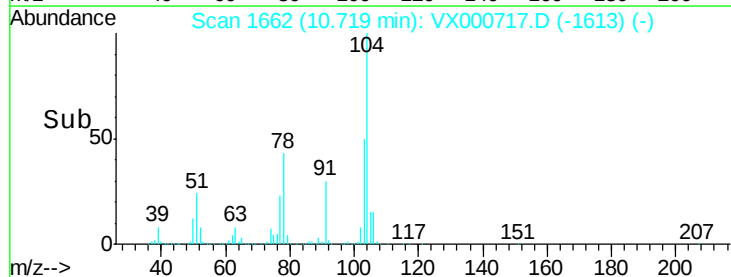
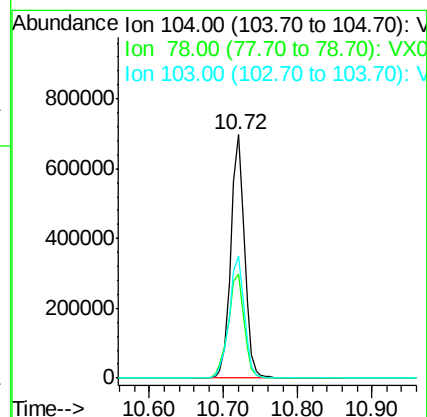
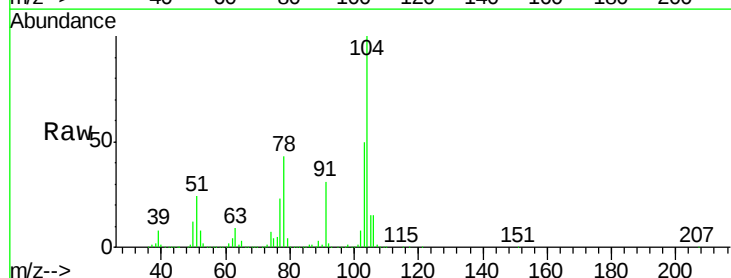
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

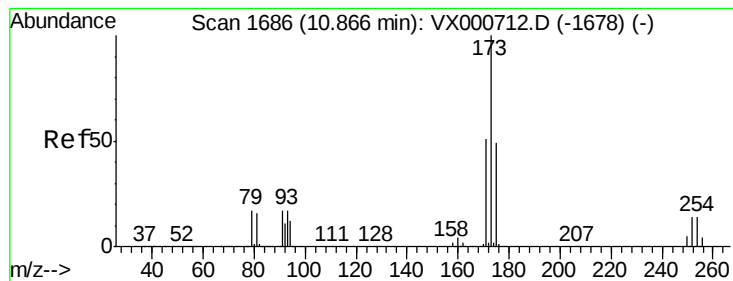
Tgt Ion:106 Resp: 529235
Ion Ratio Lower Upper
106 100
91 209.9 106.1 318.3



#70
Styrene
Concen: 101.54 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000717.D
Acq: 07 Apr 2018 15:49

Tgt Ion:104 Resp: 905235
Ion Ratio Lower Upper
104 100
78 49.2 39.8 59.6
103 55.2 44.1 66.1





#71

Bromoform

Concen: 101.50 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VX000717.D

Acq: 07 Apr 2018 15:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

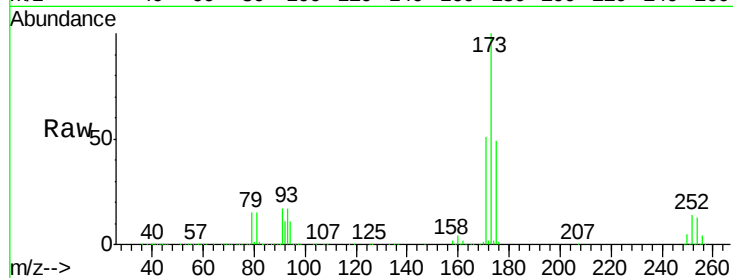
Tgt Ion:173 Resp: 317084

Ion Ratio Lower Upper

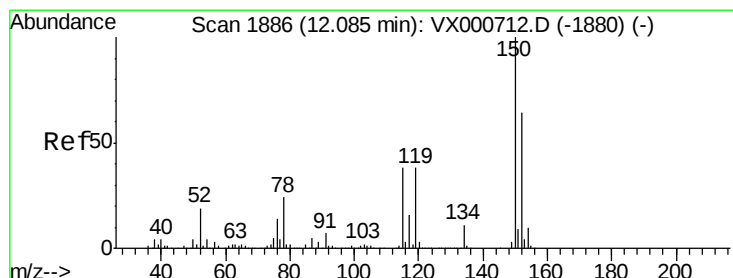
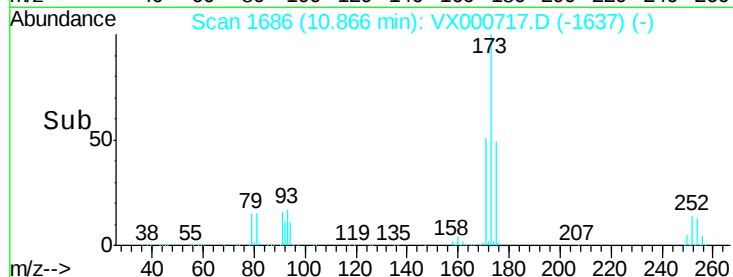
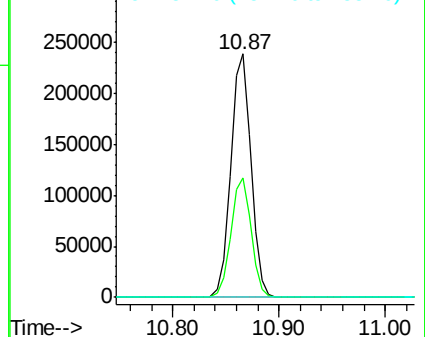
173 100

175 48.9 24.2 72.6

254 0.2 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# 1886

Delta R.T. 0.00 min

Lab File: VX000717.D

Acq: 07 Apr 2018 15:49

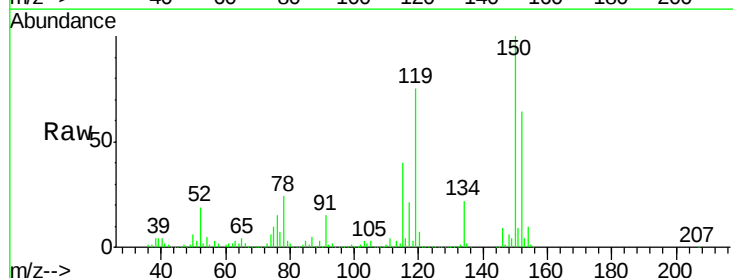
Tgt Ion:152 Resp: 253278

Ion Ratio Lower Upper

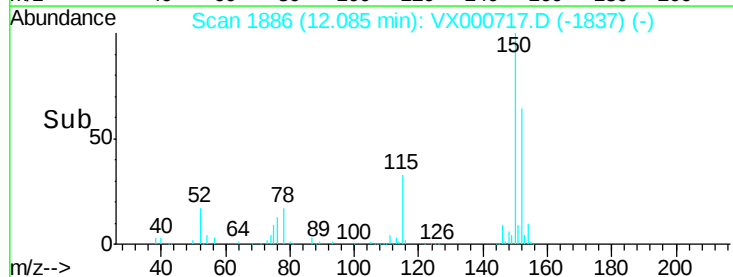
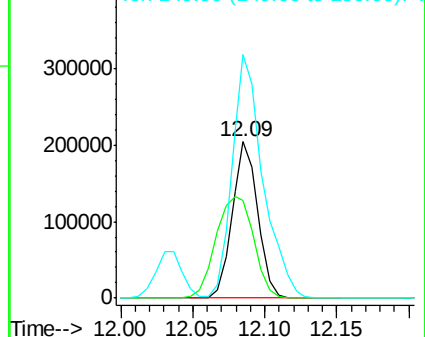
152 100

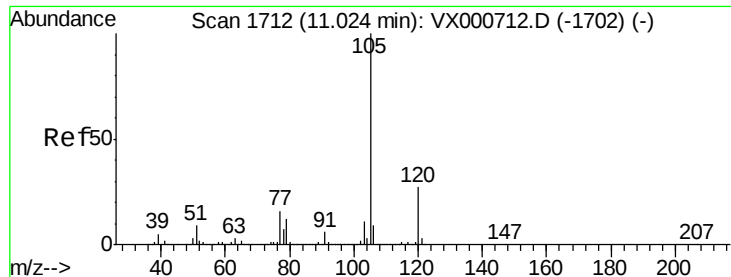
115 95.5 37.7 113.1

150 187.6 0.0 345.0



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: 97.79 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX000717.D

Acq: 07 Apr 2018 15:49

Instrument :

MSVOA_X

ClientSampled :

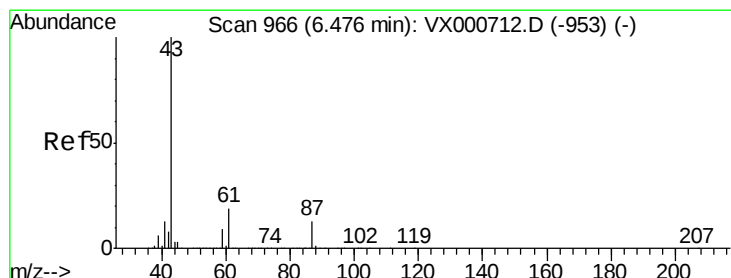
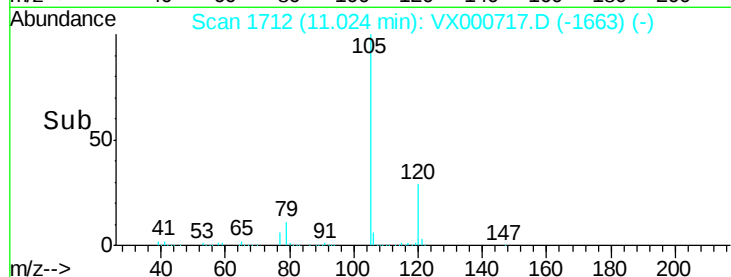
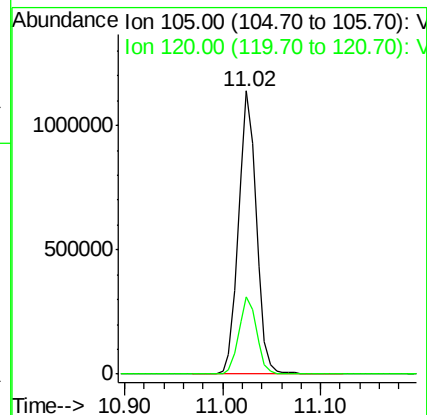
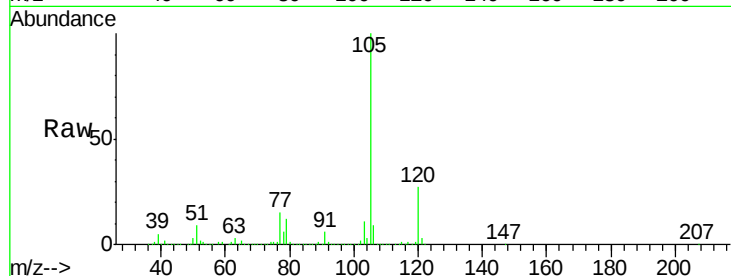
VSTDIC100

Tgt Ion:105 Resp: 1444274

Ion Ratio Lower Upper

105 100

120 27.3 13.7 41.0



#74

N-ethyl acetate

Concen: 90.64 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX000717.D

Acq: 07 Apr 2018 15:49

Tgt Ion: 43 Resp: 658333

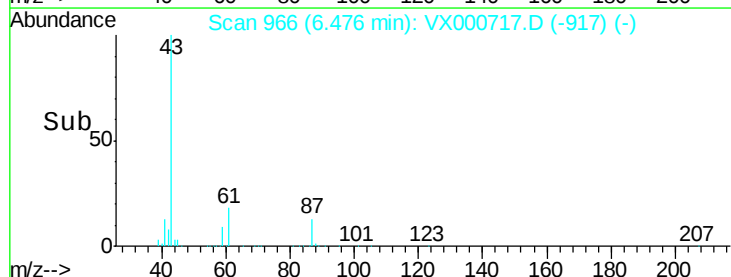
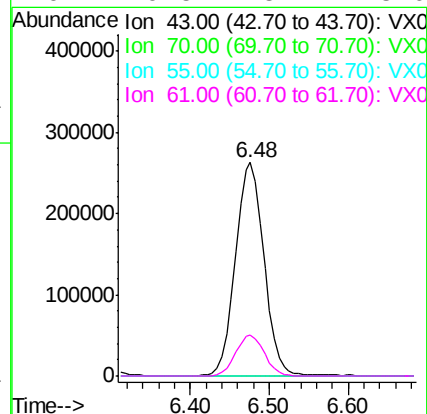
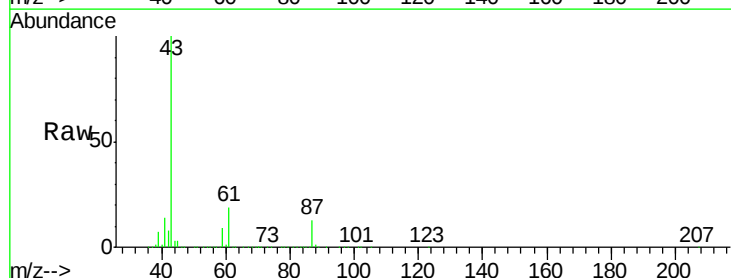
Ion Ratio Lower Upper

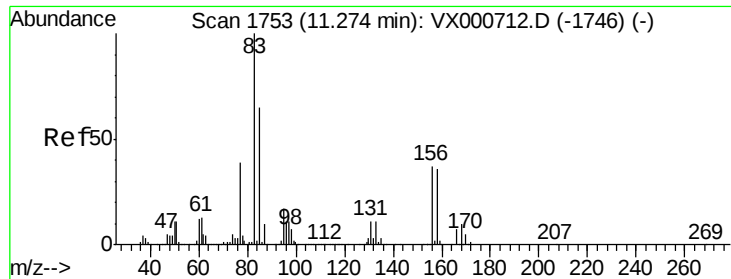
43 100

70 0.0 0.0 0.0#

55 0.0 0.0 0.0#

61 19.5 15.4 23.0





#75

1,1,2,2-Tetrachloroethane

Concen: 96.16 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000717.D

Acq: 07 Apr 2018 15:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

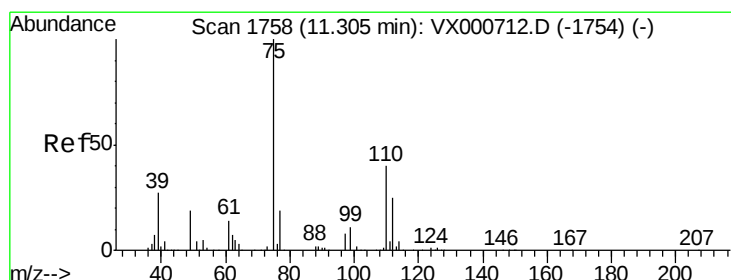
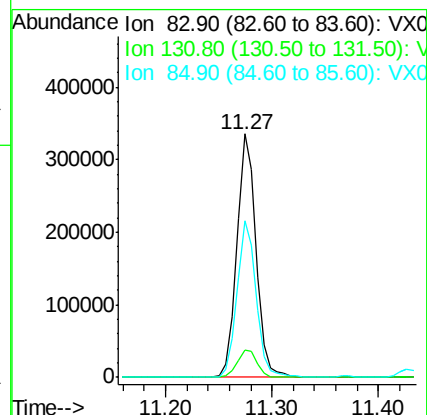
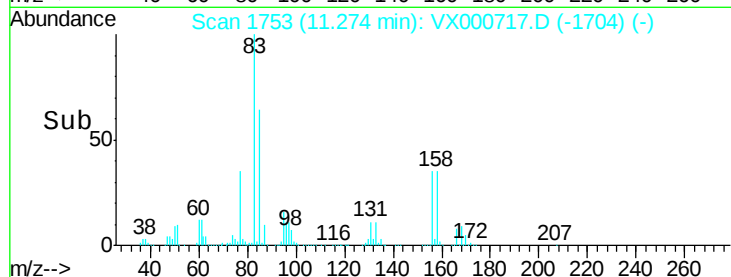
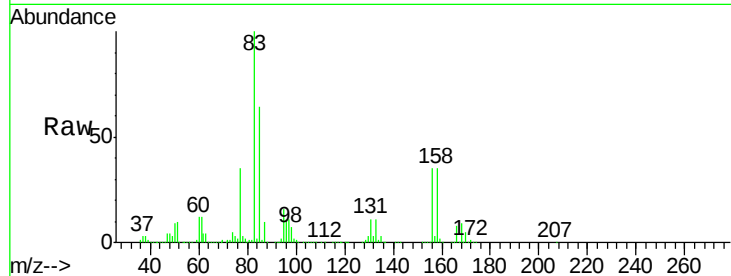
Tgt Ion: 83 Resp: 424850

Ion Ratio Lower Upper

83 100

131 11.8 5.9 17.7

85 64.3 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 124.47 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000717.D

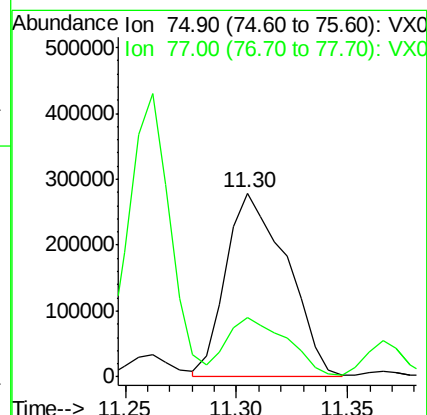
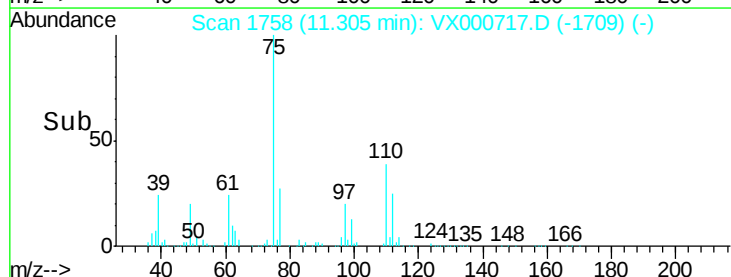
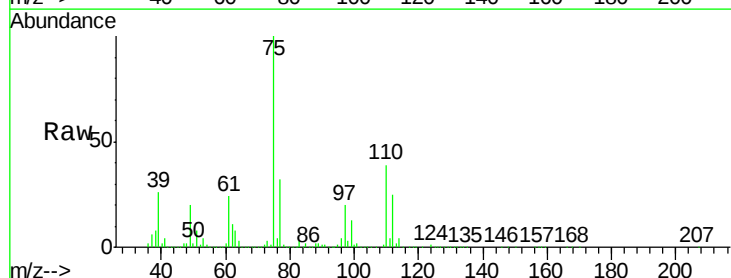
Acq: 07 Apr 2018 15:49

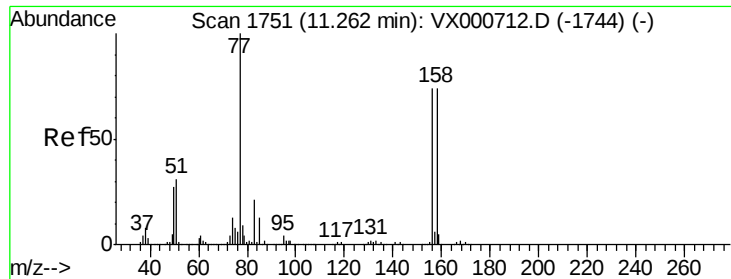
Tgt Ion: 75 Resp: 532154

Ion Ratio Lower Upper

75 100

77 32.2 21.3 63.7





#77

Bromobenzene

Concen: 97.89 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000717.D

Acq: 07 Apr 2018 15:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

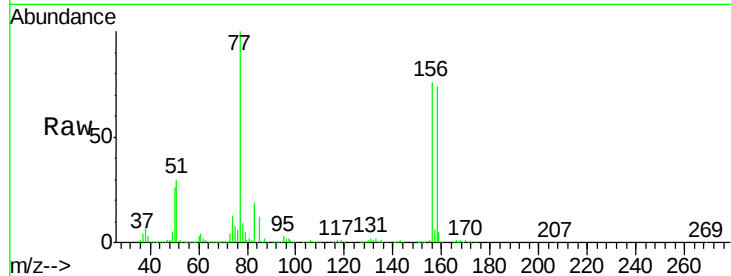
Tgt Ion:156 Resp: 413948

Ion Ratio Lower Upper

156 100

77 134.1 68.3 205.1

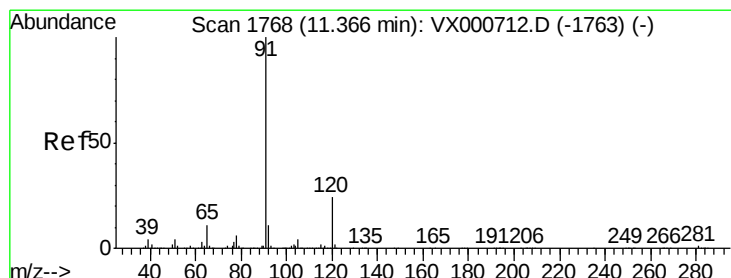
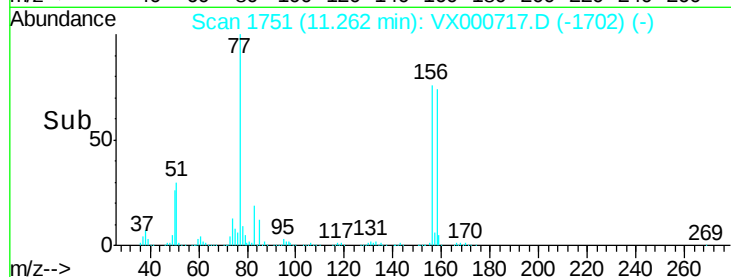
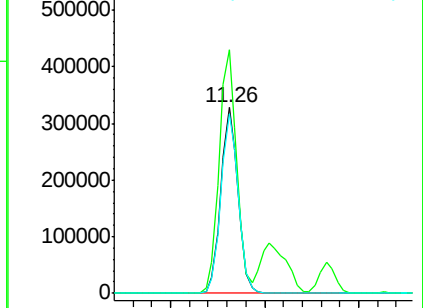
158 97.6 49.1 147.3



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: 98.34 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX000717.D

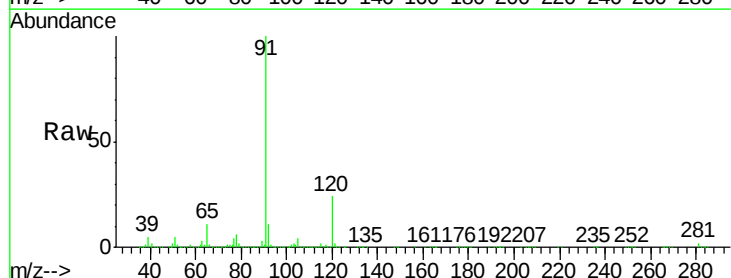
Acq: 07 Apr 2018 15:49

Tgt Ion: 91 Resp: 1650593

Ion Ratio Lower Upper

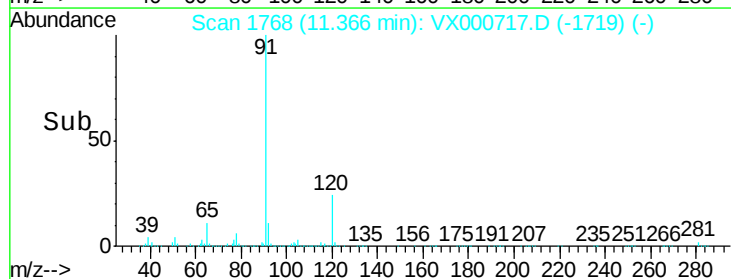
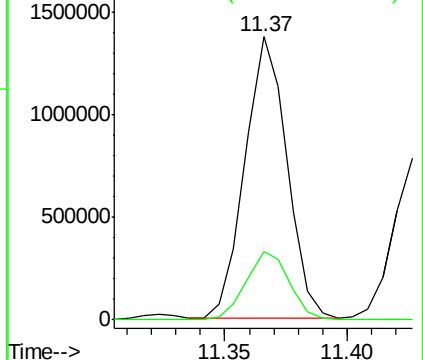
91 100

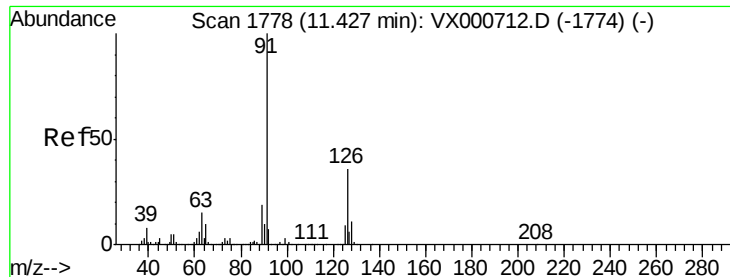
120 25.1 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 97.59 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX000717.D

Acq: 07 Apr 2018 15:49

Instrument :

MSVOA_X

ClientSampleId :

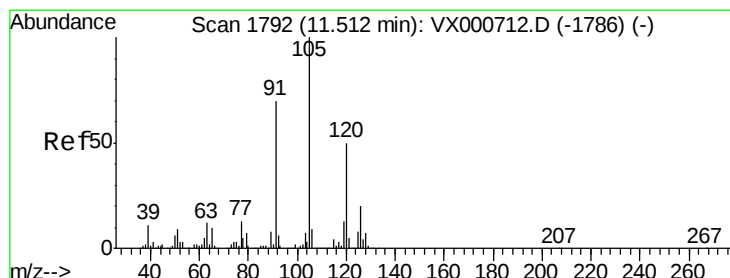
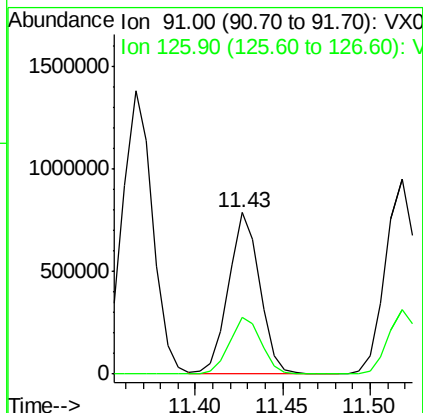
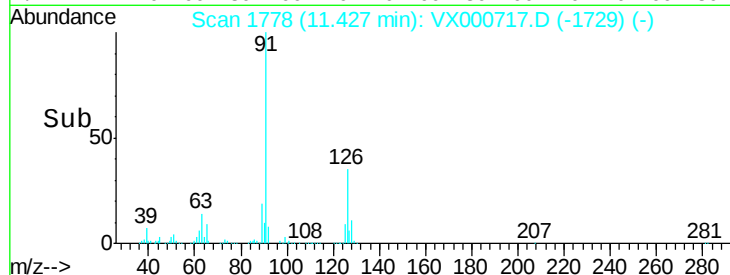
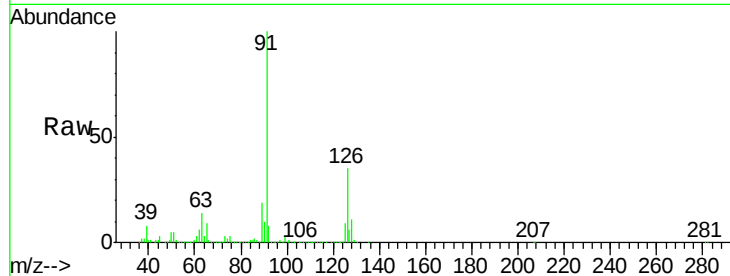
VSTDIC100

Tgt Ion: 91 Resp: 972299

Ion Ratio Lower Upper

91 100

126 36.5 18.3 54.9



#80

1,3,5-Trimethylbenzene

Concen: 98.48 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX000717.D

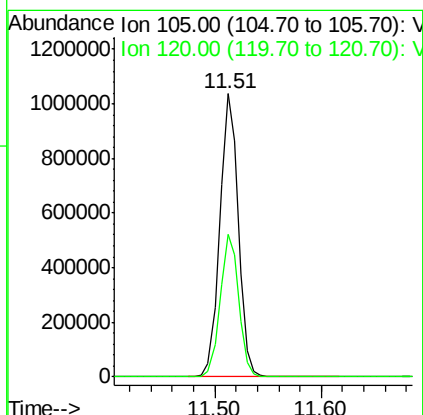
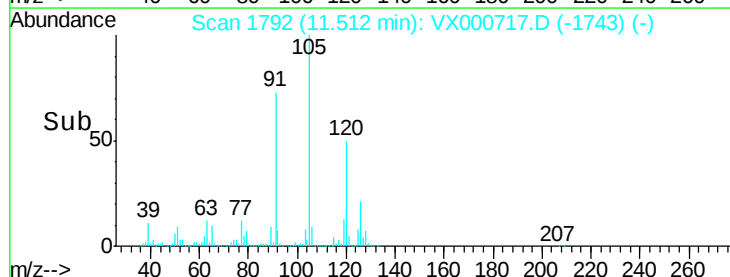
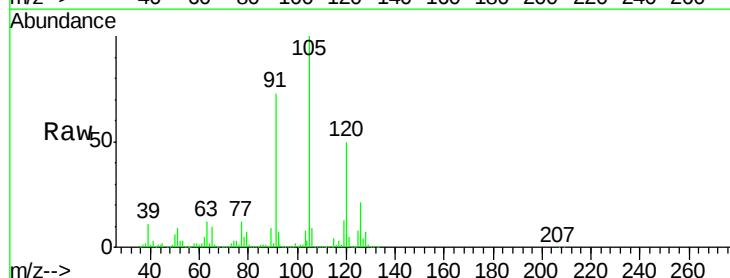
Acq: 07 Apr 2018 15:49

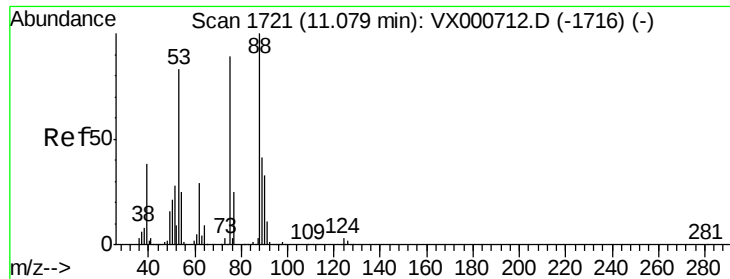
Tgt Ion: 105 Resp: 1251395

Ion Ratio Lower Upper

105 100

120 50.4 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 96.50 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX000717.D

Acq: 07 Apr 2018 15:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

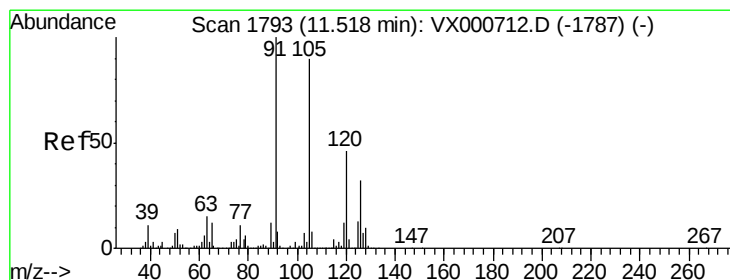
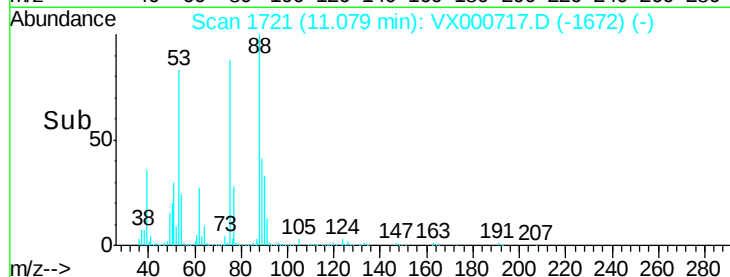
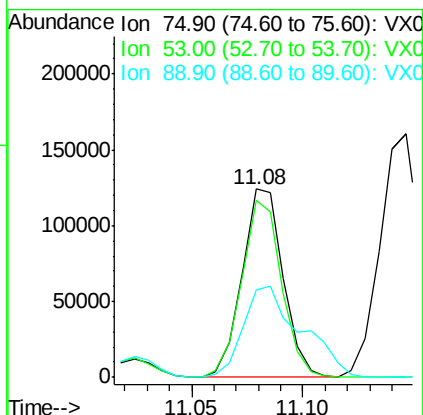
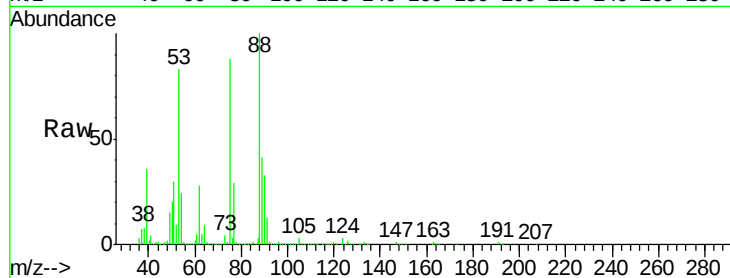
Tgt Ion: 75 Resp: 158450

Ion Ratio Lower Upper

75 100

53 92.5 74.2 111.2

89 68.8 46.6 69.8



#82

4-Chlorotoluene

Concen: 97.90 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX000717.D

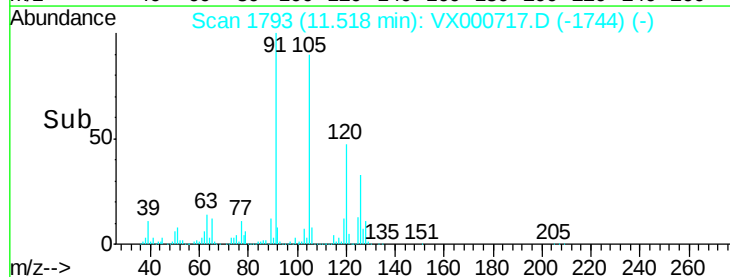
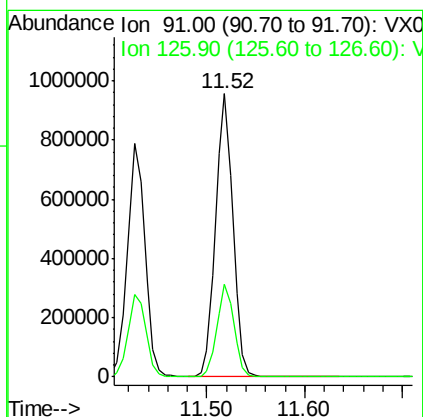
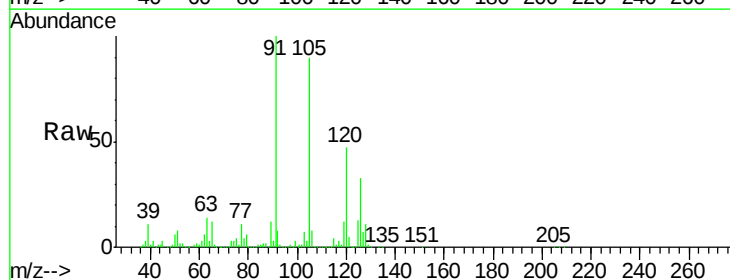
Acq: 07 Apr 2018 15:49

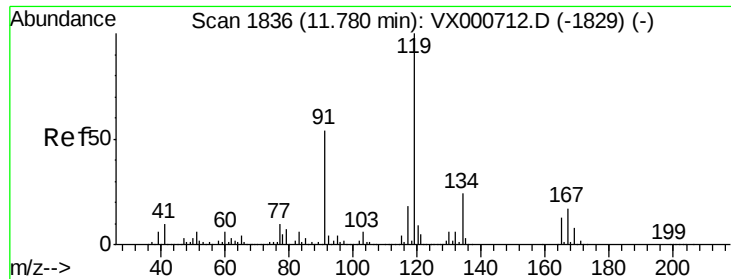
Tgt Ion: 91 Resp: 1179178

Ion Ratio Lower Upper

91 100

126 32.0 16.0 48.0

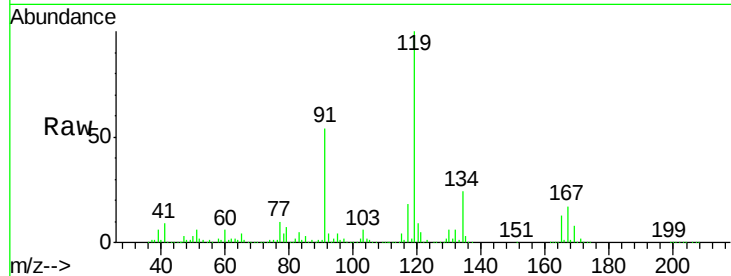




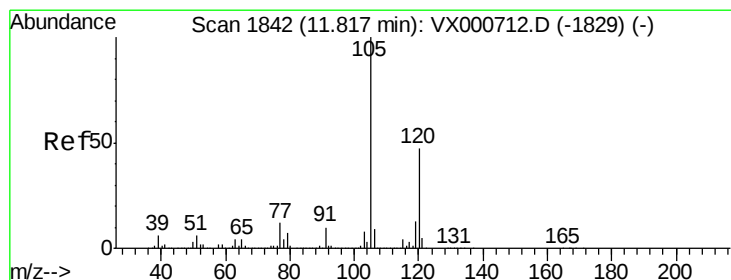
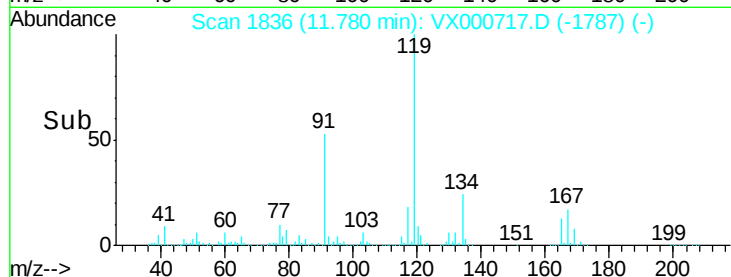
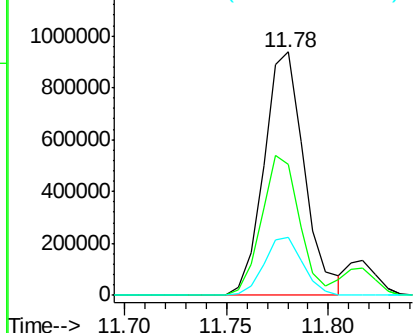
#83
 tert-Butylbenzene
 Concen: 98.59 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. 0.00 min
 Lab File: VX000717.D
 Acq: 07 Apr 2018 15:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion:119 Resp: 1292621
 Ion Ratio Lower Upper
 119 100
 91 54.0 27.3 81.8
 134 23.1 11.5 34.4

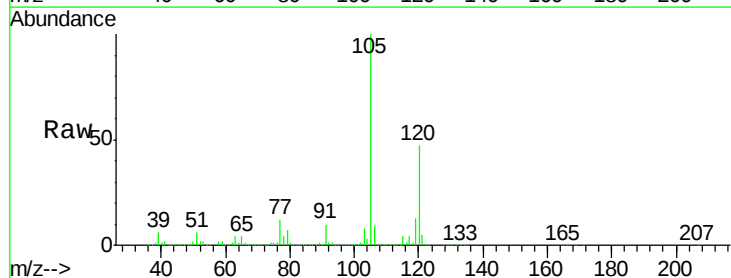


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX
 Ion 134.00 (133.70 to 134.70): V

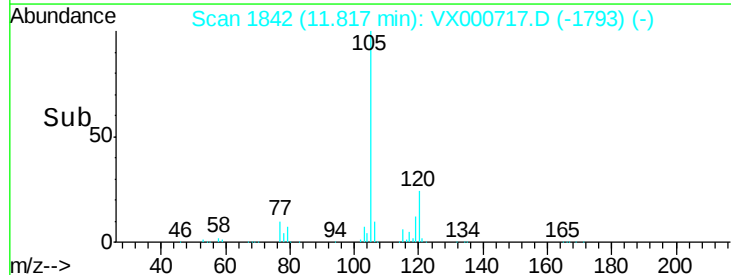
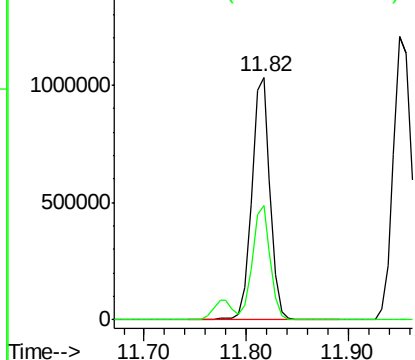


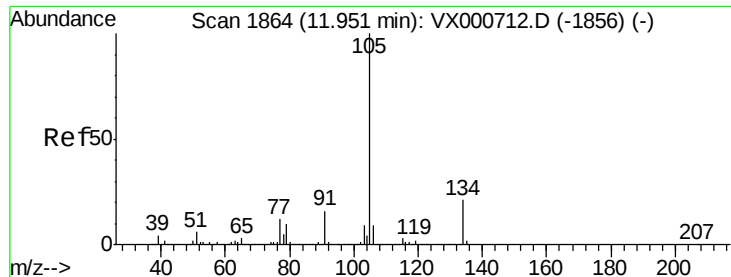
#84
 1,2,4-Trimethylbenzene
 Concen: 98.21 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000717.D
 Acq: 07 Apr 2018 15:49

Tgt Ion:105 Resp: 1292959
 Ion Ratio Lower Upper
 105 100
 120 46.1 22.9 68.5



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

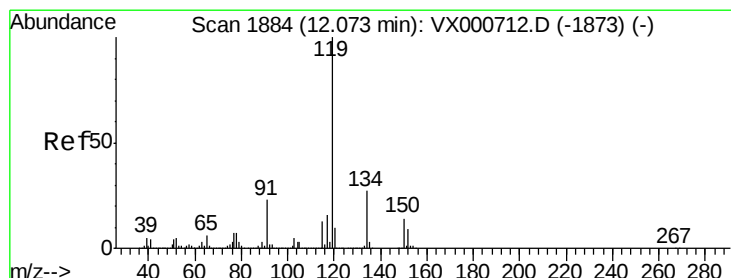
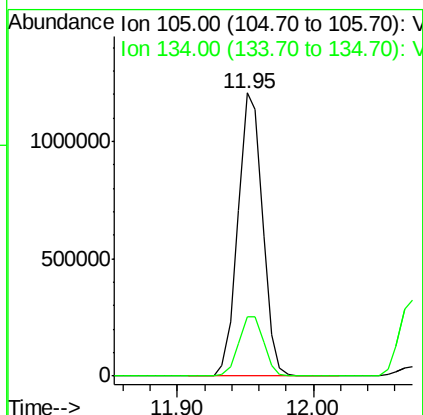
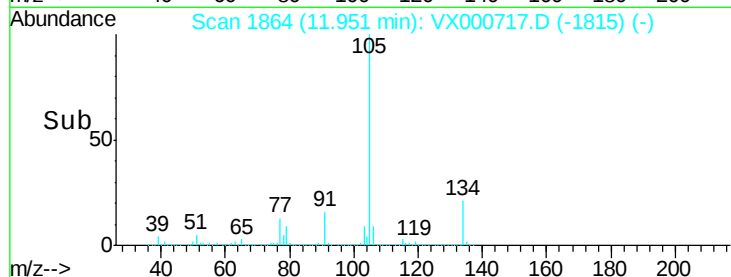
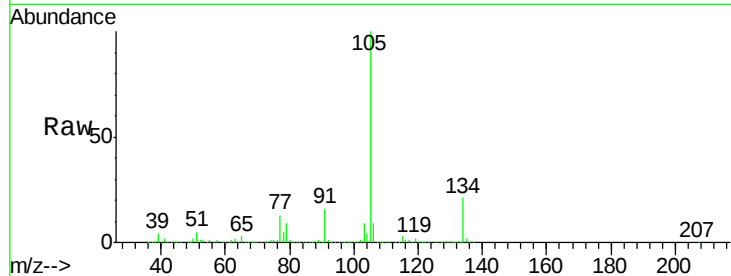




#85
 sec-Butylbenzene
 Concen: 98.98 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX000717.D
 Acq: 07 Apr 2018 15:49

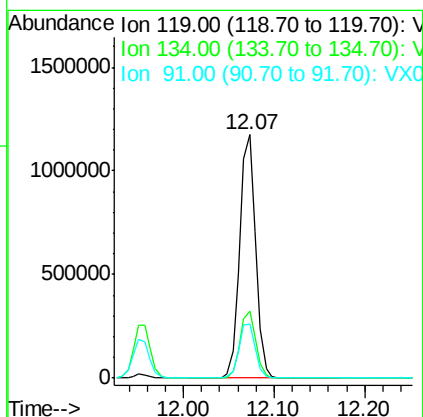
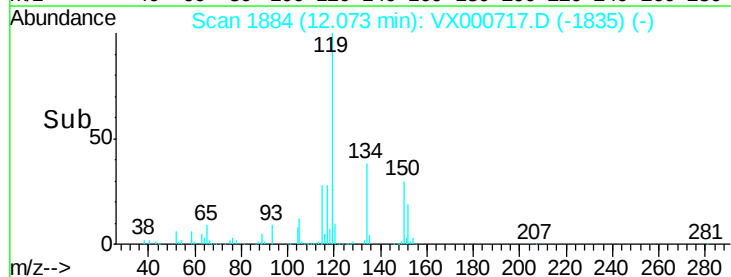
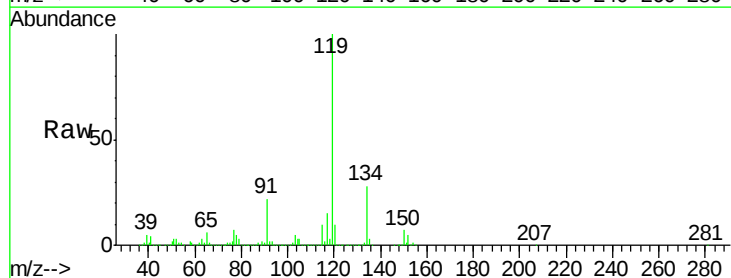
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

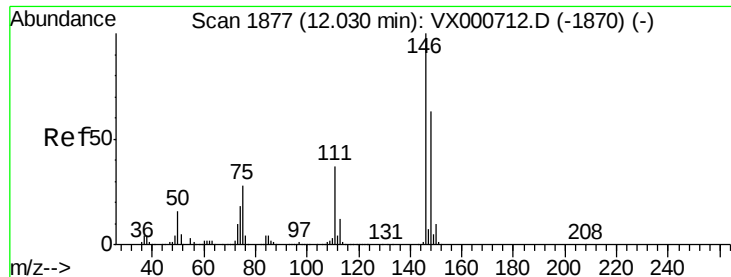
Tgt Ion:105 Resp: 1520804
 Ion Ratio Lower Upper
 105 100
 134 21.5 10.7 32.1



#86
 p-Isopropyltoluene
 Concen: 99.61 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX000717.D
 Acq: 07 Apr 2018 15:49

Tgt Ion:119 Resp: 1426483
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.4 40.2
 91 22.8 11.5 34.4





#87

1,3-Dichlorobenzene

Concen: 99.75 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX000717.D

Acq: 07 Apr 2018 15:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

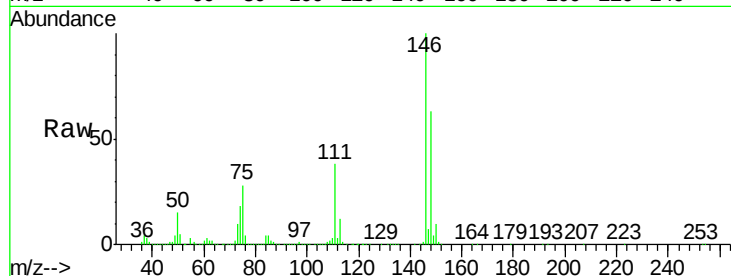
Tgt Ion:146 Resp: 783960

Ion Ratio Lower Upper

146 100

111 37.0 18.6 55.8

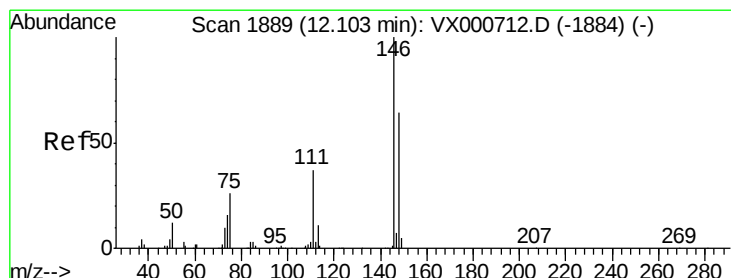
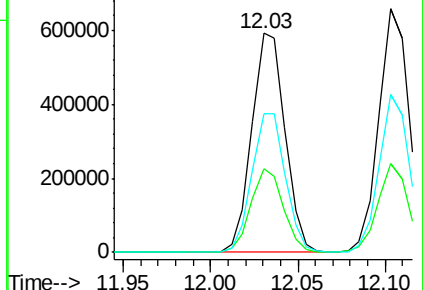
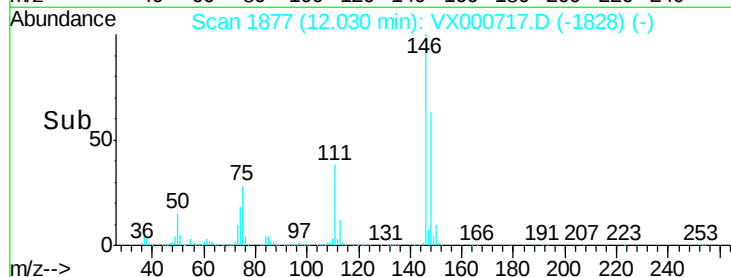
148 64.1 32.0 96.2



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: 99.66 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX000717.D

Acq: 07 Apr 2018 15:49

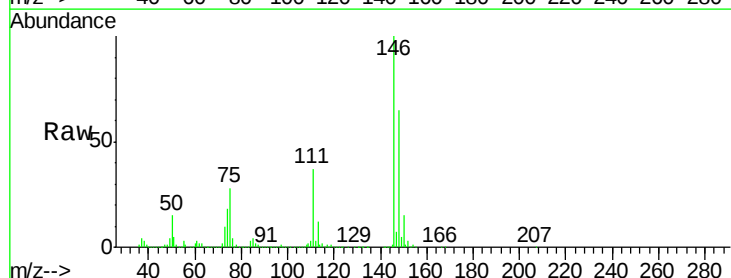
Tgt Ion:146 Resp: 797521

Ion Ratio Lower Upper

146 100

111 36.1 18.2 54.6

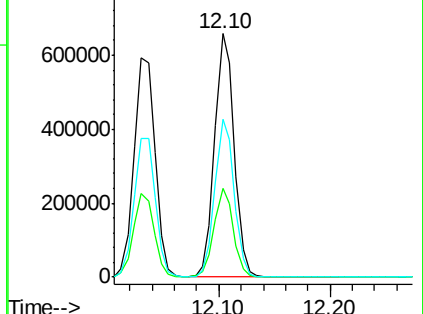
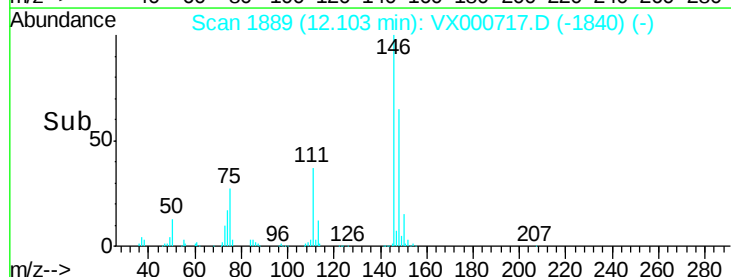
148 64.4 32.1 96.5

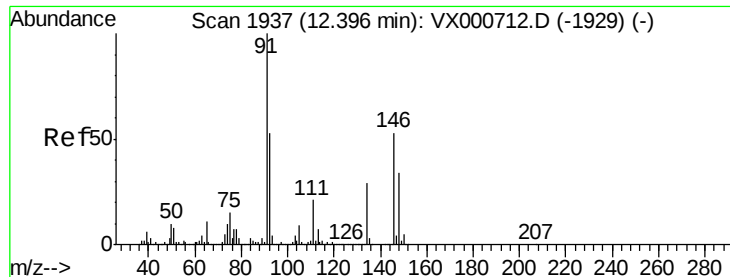


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 101.42 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000717.D

Acq: 07 Apr 2018 15:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

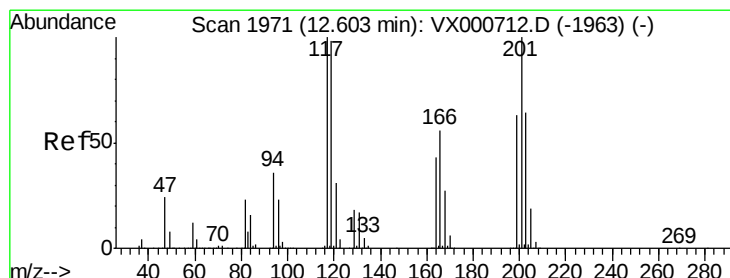
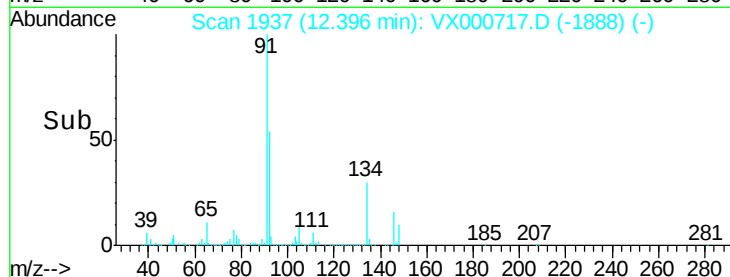
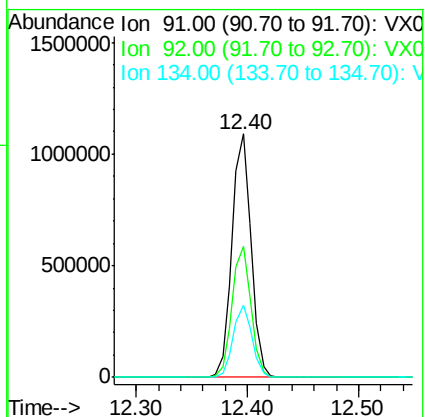
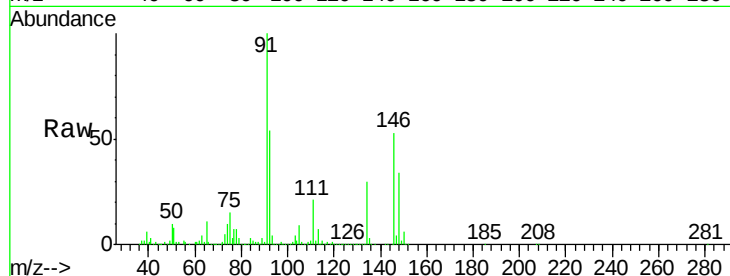
Tgt Ion: 91 Resp: 1286682

Ion Ratio Lower Upper

91 100

92 53.5 26.7 80.0

134 29.3 14.4 43.0



#90

Hexachloroethane

Concen: 99.52 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX000717.D

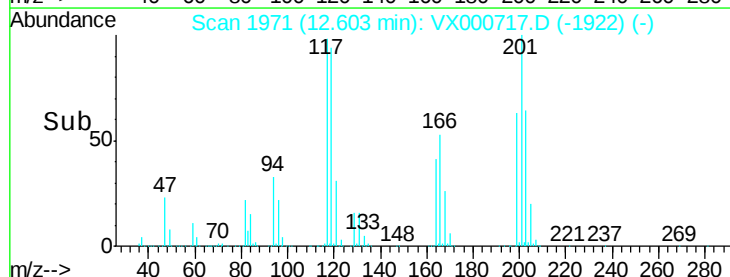
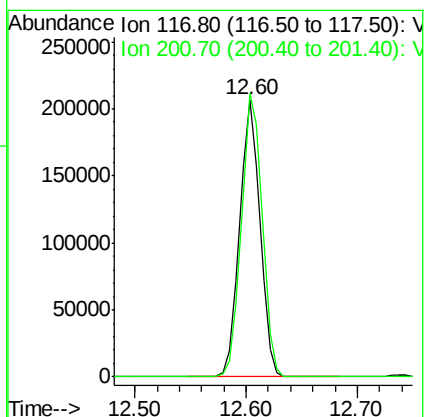
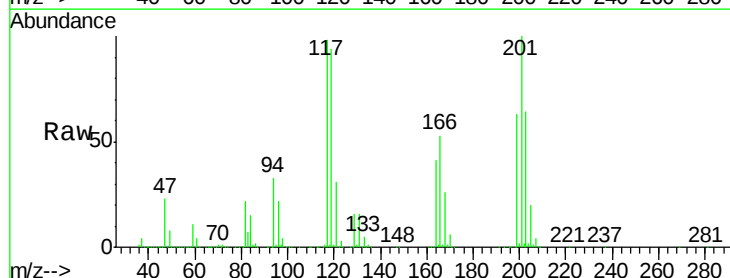
Acq: 07 Apr 2018 15:49

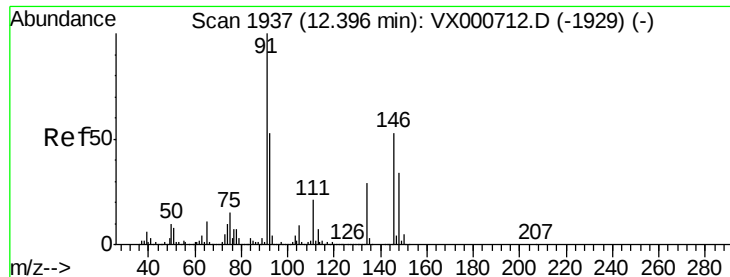
Tgt Ion: 117 Resp: 260726

Ion Ratio Lower Upper

117 100

201 104.5 51.2 153.6





#91

1,2-Dichlorobenzene

Concen: 99.07 ug/l

RT: 12.40 min Scan# 1938

Delta R.T. 0.01 min

Lab File: VX000717.D

Acq: 07 Apr 2018 15:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

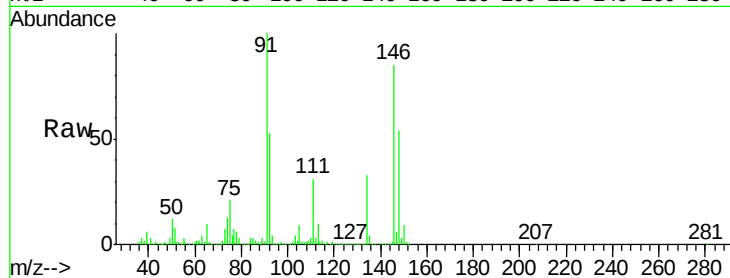
Tgt Ion: 146 Resp: 767416

Ion Ratio Lower Upper

146 100

111 38.3 19.3 57.9

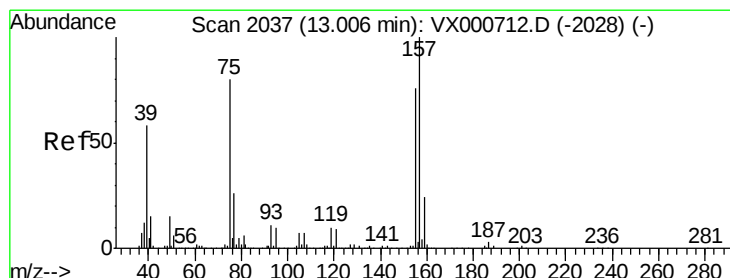
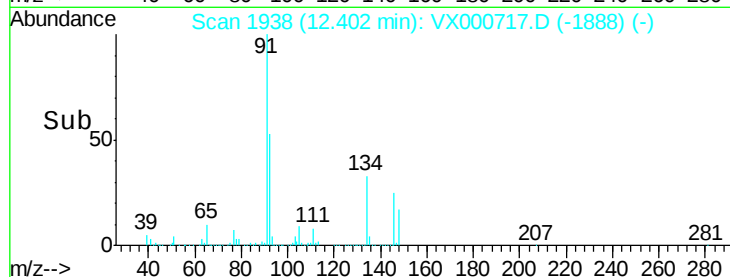
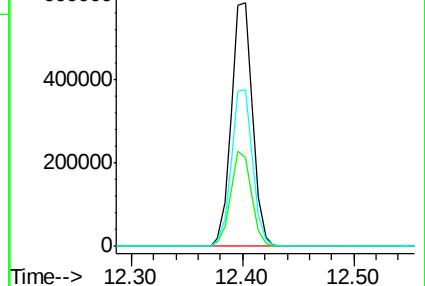
148 64.2 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 91.51 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VX000717.D

Acq: 07 Apr 2018 15:49

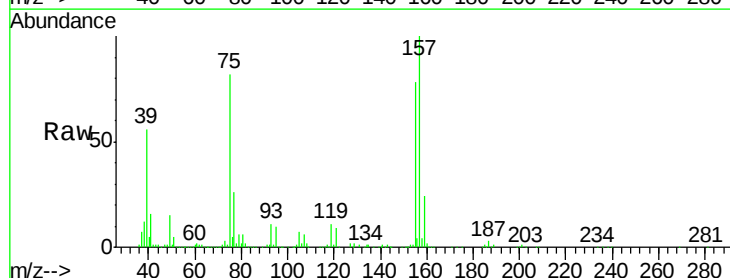
Tgt Ion: 75 Resp: 108527

Ion Ratio Lower Upper

75 100

155 99.9 48.4 145.0

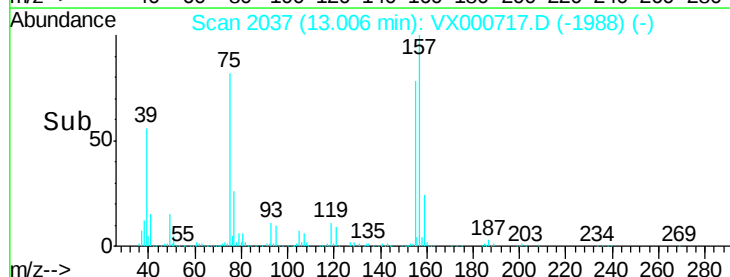
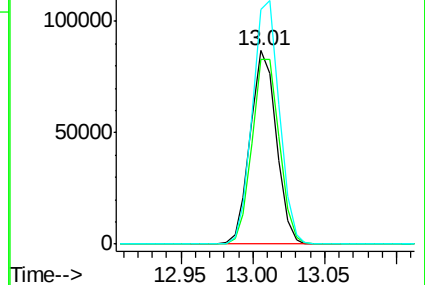
157 129.3 62.8 188.5

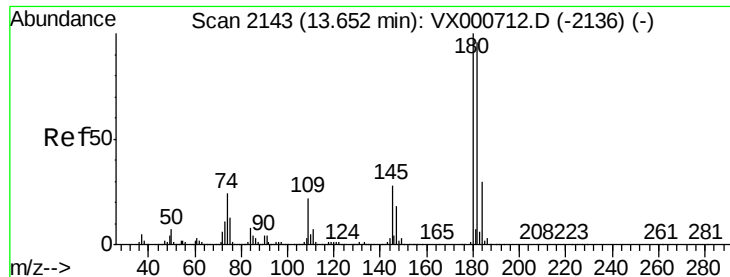


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

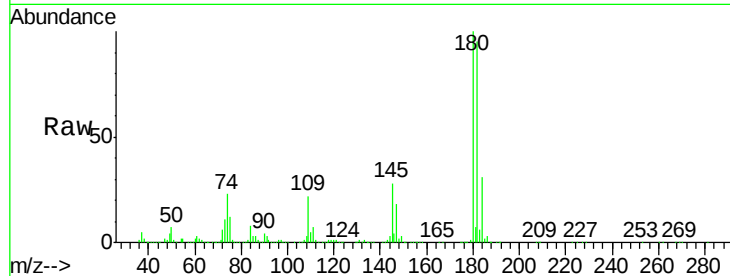




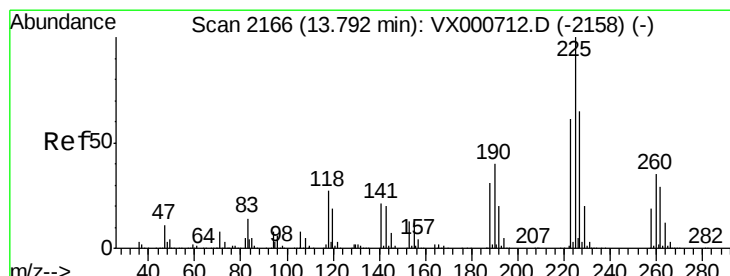
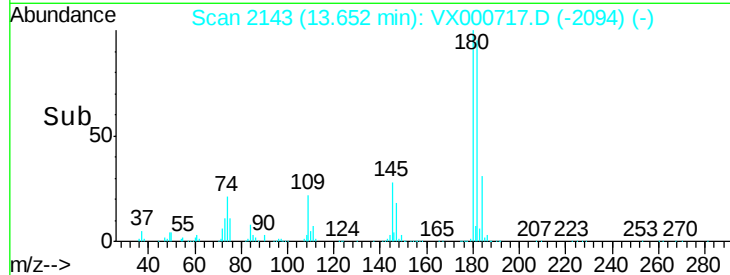
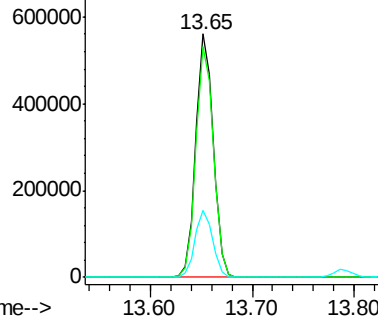
#93
 1,2,4-Trichlorobenzene
 Concen: 102.19 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000717.D
 Acq: 07 Apr 2018 15:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.9	143.7
145	27.8	14.1	42.3

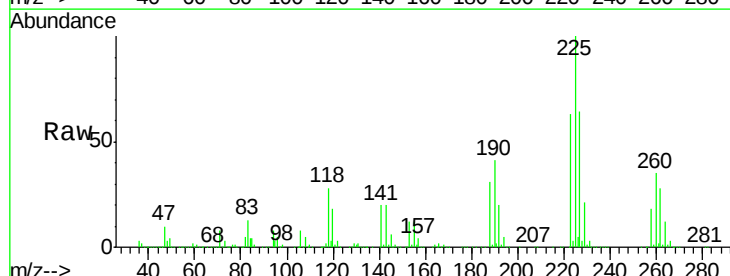


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

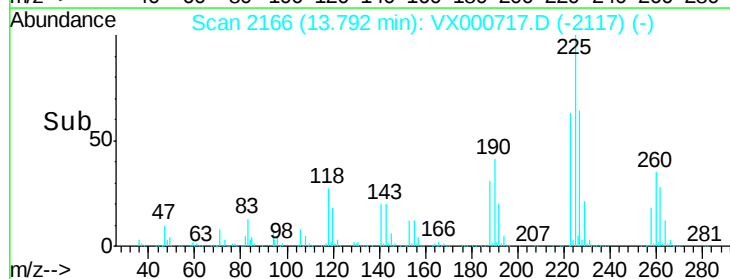
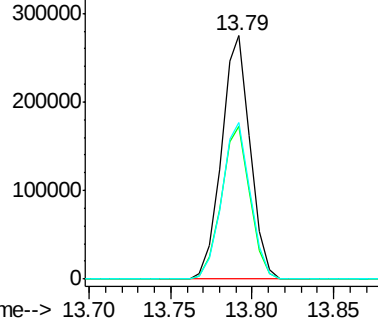


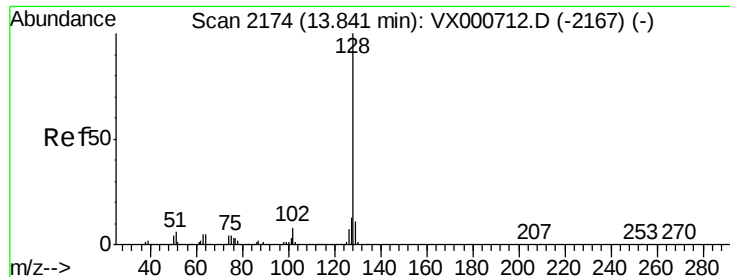
#94
 Hexachlorobutadiene
 Concen: 105.22 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VX000717.D
 Acq: 07 Apr 2018 15:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	30.9	92.8
227	63.9	31.9	95.7



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: 95.38 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX000717.D

Acq: 07 Apr 2018 15:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

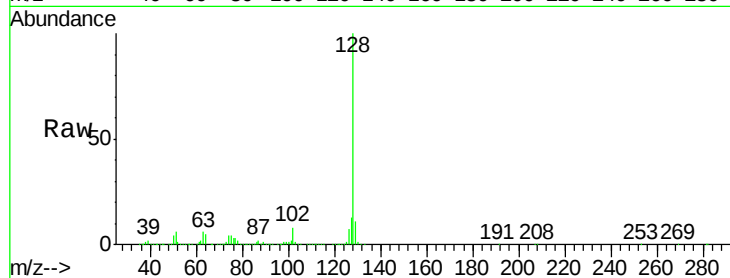
Tgt Ion:128 Resp: 1682500

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

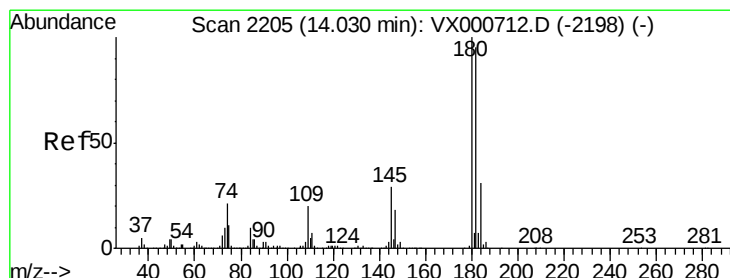
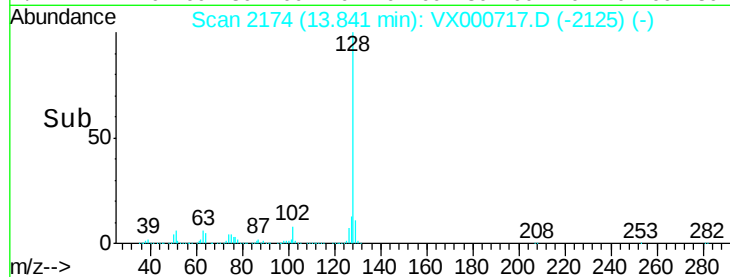
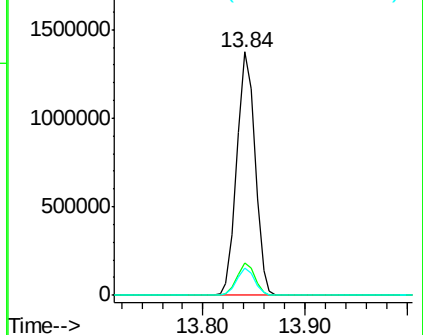
129 11.0 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 100.56 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000717.D

Acq: 07 Apr 2018 15:49

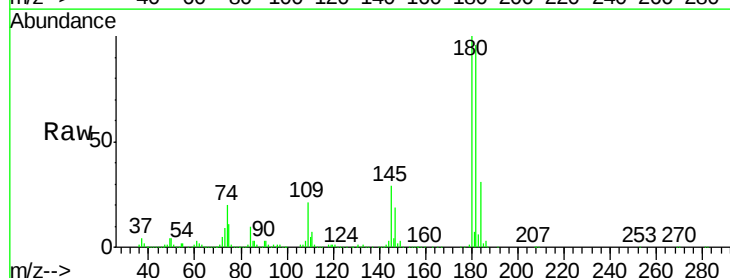
Tgt Ion:180 Resp: 639511

Ion Ratio Lower Upper

180 100

182 95.8 47.8 143.3

145 29.6 14.9 44.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

