

Data File : VX000315.D

Acq On : 14 Mar 2018 16:00

Operator : JC/MD

Sample : VSTDIC001

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Quant Time: Mar 15 01:30:14 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X031418W.M

Quant Title : SW846 8260

QLast Update : Thu Mar 15 01:30:01 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	147109	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	231532	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	226070	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	122625	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	2268	1.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.90%	
35) Dibromofluoromethane	5.51	113	1593	1.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.16%	
50) Toluene-d8	8.72	98	6194	1.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.20%	
62) 4-Bromofluorobenzene	11.15	95	2674	1.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	1812	1.44	ug/l	97
3) Chloromethane	1.32	50	1944	1.42	ug/l	94
4) Vinyl Chloride	1.41	62	2110	1.48	ug/l	98
5) Bromomethane	1.65	94	2121	1.75	ug/l	98
6) Chloroethane	1.73	64	1461	1.83	ug/l #	83
7) Trichlorofluoromethane	1.93	101	3211	1.34	ug/l	100
8) Diethyl Ether	2.20	74	1304	1.59	ug/l	77
9) 1,1,2-Trichlorotrifluoroet	2.39	101	1837	1.34	ug/l	98
10) Methyl Iodide	2.51	142	1300	0.74	ug/l #	87
11) Tert butyl alcohol	3.06	59	3416	6.05	ug/l	98
12) 1,1-Dichloroethene	2.38	96	1809	1.48	ug/l #	75
13) Acrolein	2.30	56	1785	5.77	ug/l	99
14) Allyl chloride	2.73	41	3201	1.38	ug/l #	92
15) Acrylonitrile	3.15	53	6826	7.06	ug/l	98
16) Acetone	2.45	43	7357	6.23	ug/l	92
17) Carbon Disulfide	2.57	76	5242	1.35	ug/l #	83
18) Methyl Acetate	2.78	43	3393	1.44	ug/l	91
19) Methyl tert-butyl Ether	3.21	73	5846	1.35	ug/l	92
20) Methylene Chloride	2.87	84	2071	1.49	ug/l #	88
21) trans-1,2-Dichloroethene	3.17	96	1970	1.45	ug/l #	77
22) Diisopropyl ether	3.87	45	5661	1.44	ug/l #	90
23) Vinyl Acetate	3.83	43	26849	7.67	ug/l	96
24) 1,1-Dichloroethane	3.70	63	3372	1.48	ug/l #	93
25) 2-Butanone	4.72	43	8422	5.35	ug/l	91
26) 2,2-Dichloropropane	4.59	77	2519	1.26	ug/l	77
27) cis-1,2-Dichloroethene	4.60	96	1911	1.35	ug/l	90
28) Bromochloromethane	5.02	49	1372	1.28	ug/l #	100
29) Tetrahydrofuran	5.17	42	5787	6.00	ug/l	96
30) Chloroform	5.22	83	3007	1.26	ug/l	92
31) Cyclohexane	5.59	56	2551	1.23	ug/l #	90
32) 1,1,1-Trichloroethane	5.50	97	2617	1.18	ug/l #	50
36) 1,1-Dichloropropene	5.81	75	2400	1.17	ug/l	91
37) Ethyl Acetate	4.87	43	3147	1.10	ug/l #	97
38) Carbon Tetrachloride	5.79	117	2404	1.07	ug/l #	90

Data File : VX000315.D

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Operator : JC/MD

Sample : VSTDIC001

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Quant Time: Mar 15 01:30:14 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X031418W.M

Quant Title : SW846 8260

QLast Update : Thu Mar 15 01:30:01 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	2725	1.05	ug/l #	83
40) Benzene	6.15	78	7019	1.21	ug/l	92
41) Methacrylonitrile	5.07	41	1813	1.21	ug/l #	84
42) 1,2-Dichloroethane	6.21	62	2826	1.34	ug/l #	78
43) Isopropyl Acetate	6.48	43	3979	0.94	ug/l #	93
44) Trichloroethene	7.22	130	2074	1.13	ug/l	94
45) 1,2-Dichloropropane	7.53	63	1572	1.05	ug/l	98
46) Dibromomethane	7.67	93	1411	1.26	ug/l	97
47) Bromodichloromethane	7.90	83	2071	0.98	ug/l #	86
48) Methyl methacrylate	7.79	41	2174	1.03	ug/l	90
49) 1,4-Dioxane	7.76	88	946	17.84	ug/l #	26
51) 4-Methyl-2-Pentanone	8.66	43	15363	5.10	ug/l	97
52) Toluene	8.79	92	4523	1.16	ug/l	97
53) t-1,3-Dichloropropene	8.45	75	2323	0.92	ug/l #	78
54) cis-1,3-Dichloropropene	9.04	75	2107	0.85	ug/l #	90
55) 1,1,2-Trichloroethane	9.22	97	1823	1.13	ug/l	91
56) Ethyl methacrylate	9.20	69	2263	0.88	ug/l	89
57) 1,3-Dichloropropane	9.38	76	2871	1.12	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	5997	4.99	ug/l	93
59) 2-Hexanone	9.51	43	12528	4.84	ug/l	94
60) Dibromochloromethane	9.59	129	1572	0.83	ug/l	95
61) 1,2-Dibromoethane	9.68	107	1899	1.07	ug/l	97
64) Tetrachloroethene	9.34	164	2059	1.08	ug/l	95
65) Chlorobenzene	10.15	112	5163	1.08	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	1527	0.87	ug/l #	57
67) Ethyl Benzene	10.26	91	8620	1.09	ug/l	97
68) m/p-Xylenes	10.37	106	6185	1.98	ug/l	100
69) o-Xylene	10.71	106	3141	1.04	ug/l	97
70) Styrene	10.72	104	4847	0.96	ug/l	98
71) Bromoform	10.87	173	1121	0.61	ug/l #	96
73) Isopropylbenzene	11.02	105	8174	1.11	ug/l	96
74) N-amyl acetate	6.48	43	3979	1.02	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.27	83	2919	1.12	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	3645	1.16	ug/l	84
77) Bromobenzene	11.26	156	2216	1.06	ug/l	94
78) n-propylbenzene	11.37	91	10310	1.19	ug/l	99
79) 2-Chlorotoluene	11.43	91	5879	1.18	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	6736	1.07	ug/l	94
81) trans-1,4-Dichloro-2-buten	11.09	75	576	0.63	ug/l #	70
82) 4-Chlorotoluene	11.52	91	7154	1.18	ug/l	98
83) tert-Butylbenzene	11.77	119	6524	1.01	ug/l	95
84) 1,2,4-Trimethylbenzene	11.82	105	6935	1.06	ug/l	100
85) sec-Butylbenzene	11.95	105	8106	1.04	ug/l	96
86) p-Isopropyltoluene	12.07	119	7059	0.97	ug/l	91
87) 1,3-Dichlorobenzene	12.03	146	4353	1.08	ug/l	95
88) 1,4-Dichlorobenzene	12.03	146	4353	1.03	ug/l	92
89) n-Butylbenzene	12.40	91	7577	1.13	ug/l	98
90) Hexachloroethane	12.60	117	1180	1.01	ug/l	85
91) 1,2-Dichlorobenzene	12.40	146	3998	1.02	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.01	75	771	0.96	ug/l	86

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX031418\
Quantitation Report (Not Reviewed)

Data File : VX000315.D
Acq On : 14 Mar 2018 16:00
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Quant Time: Mar 15 01:30:14 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X031418W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 15 01:30:01 2018
Response via : Initial Calibration

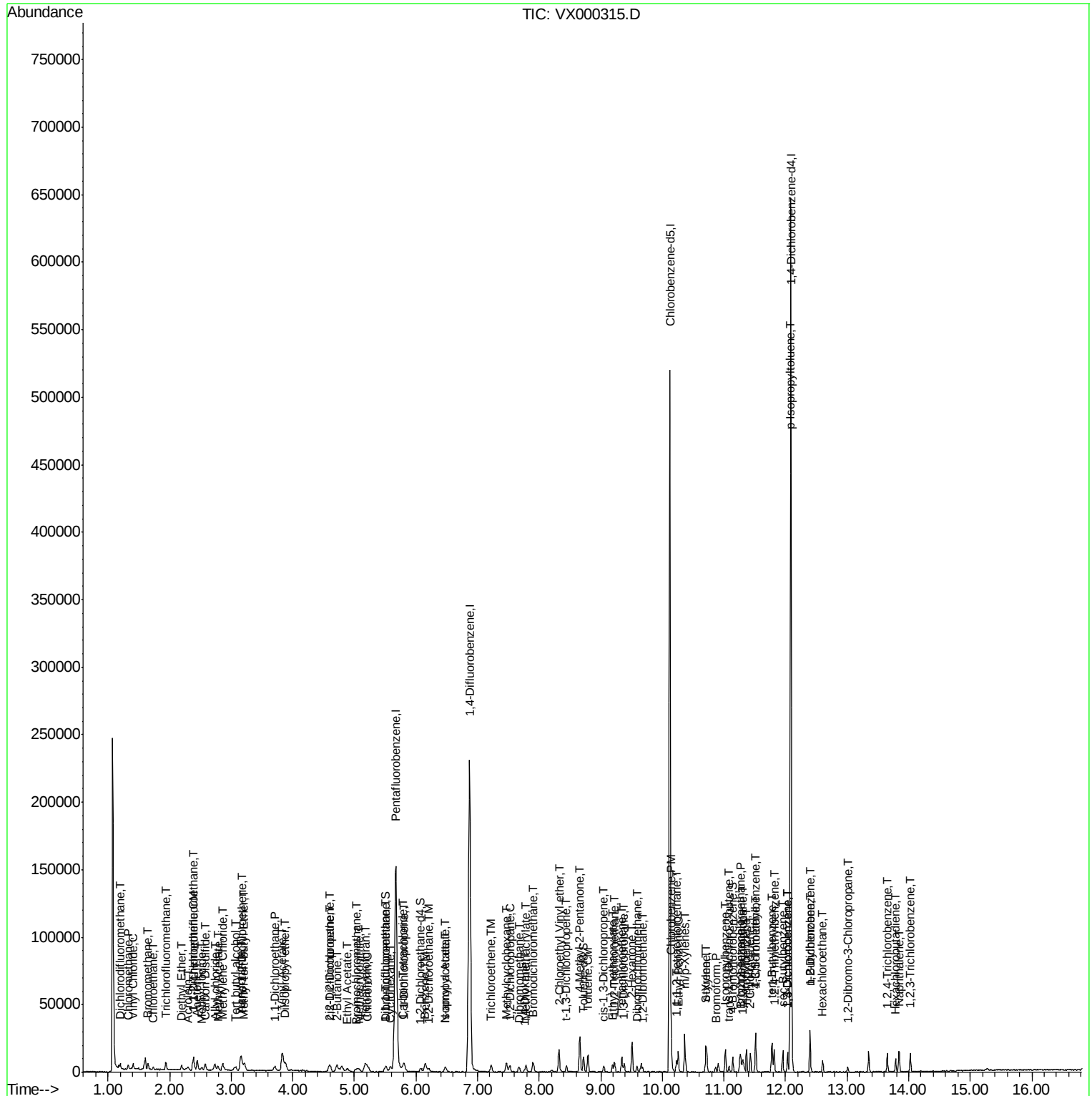
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	2892	0.86	ug/l	90
94) Hexachlorobutadiene	13.79	225	1212	0.68	ug/l	87
95) Naphthalene	13.84	128	9407	0.95	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	3123	0.95	ug/l	98

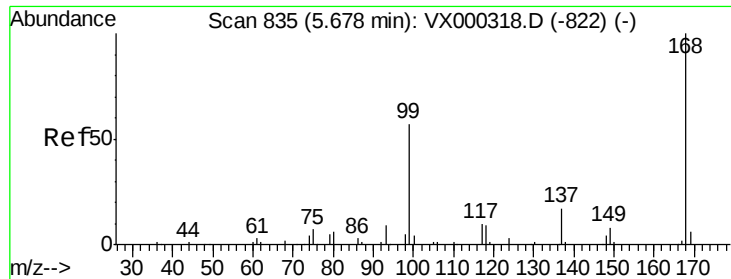
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ALS Vial : 2 Sample Multiplier: 1

VSTDICC001

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000315.D

Acq: 14 Mar 2018 16:00

Instrument :

MSVOA_X

ClientSampleId :

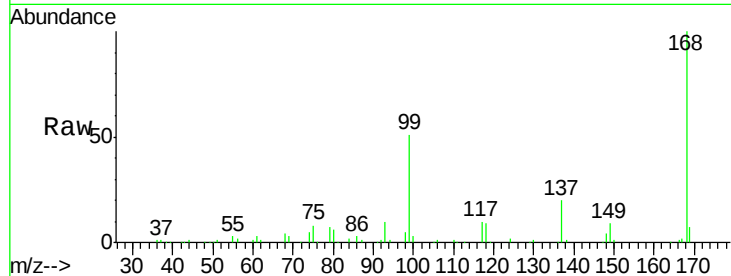
VSTDIC001

Tgt Ion:168 Resp: 147109

Ion Ratio Lower Upper

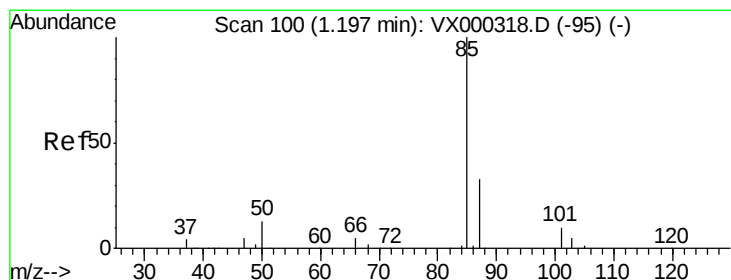
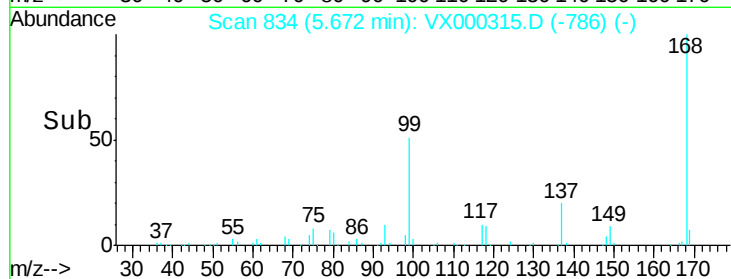
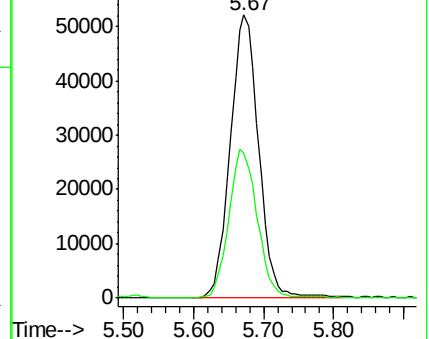
168 100

99 51.3 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 1.44 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000315.D

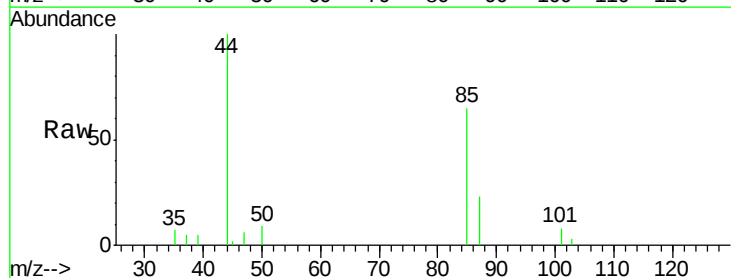
Acq: 14 Mar 2018 16:00

Tgt Ion: 85 Resp: 1812

Ion Ratio Lower Upper

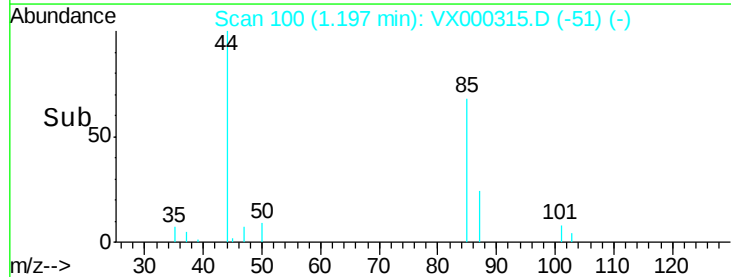
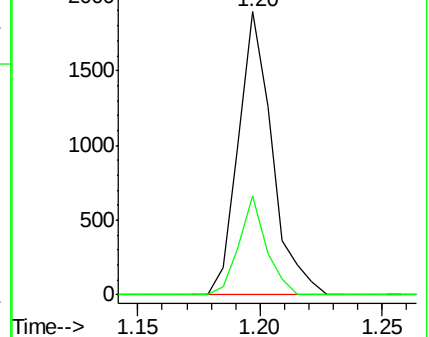
85 100

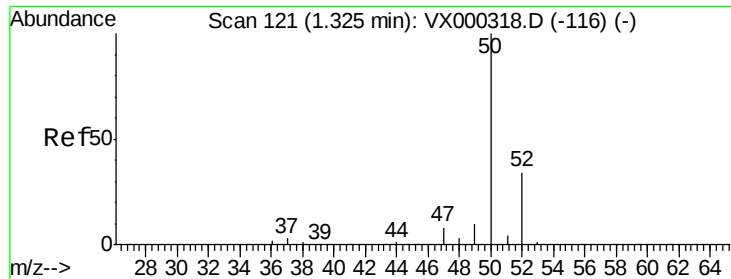
87 35.1 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 1.42 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000315.D

Acq: 14 Mar 2018 16:00

Instrument :

MSVOA_X

ClientSampleId :

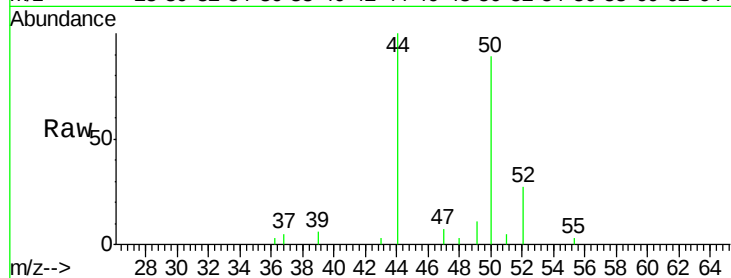
VSTDIC001

Tgt Ion: 50 Resp: 1944

Ion Ratio Lower Upper

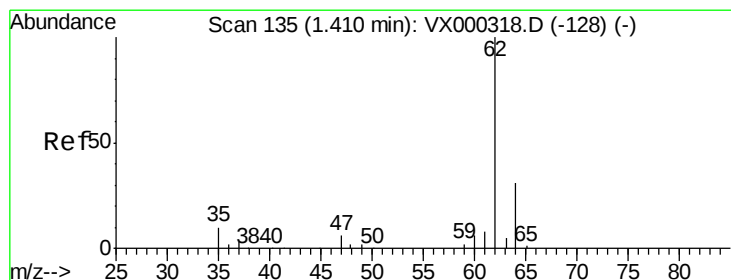
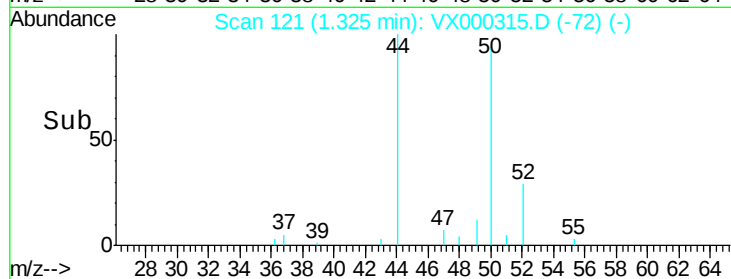
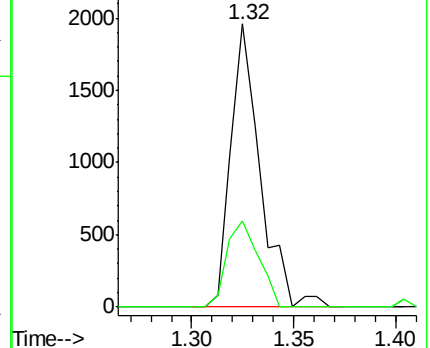
50 100

52 30.7 27.5 41.3



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 1.48 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX000315.D

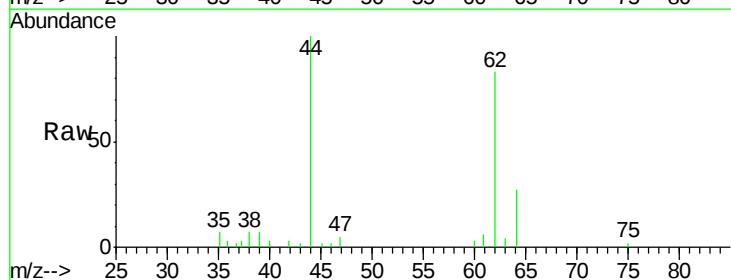
Acq: 14 Mar 2018 16:00

Tgt Ion: 62 Resp: 2110

Ion Ratio Lower Upper

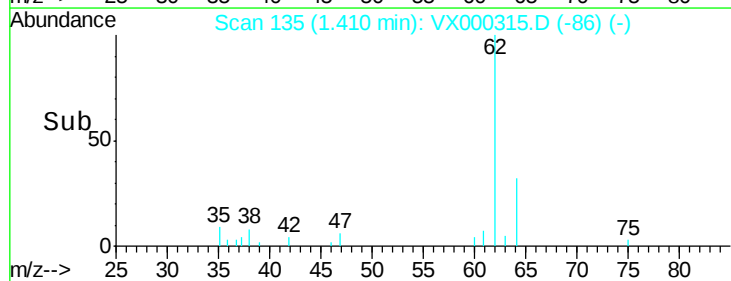
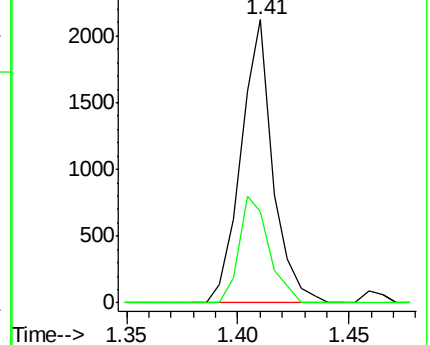
62 100

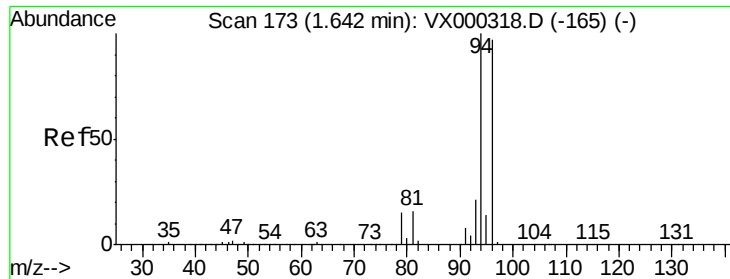
64 32.2 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 1.75 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX000315.D

Acq: 14 Mar 2018 16:00

Instrument :

MSVOA_X

ClientSampleId :

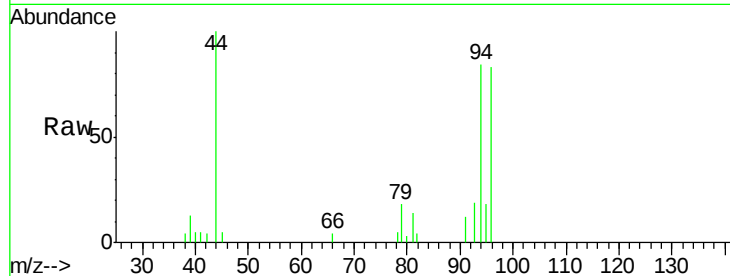
VSTDIC001

Tgt Ion: 94 Resp: 2121

Ion Ratio Lower Upper

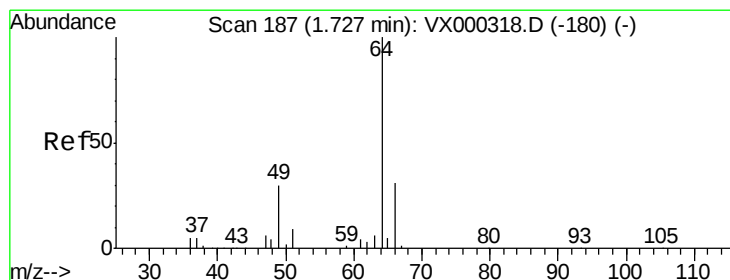
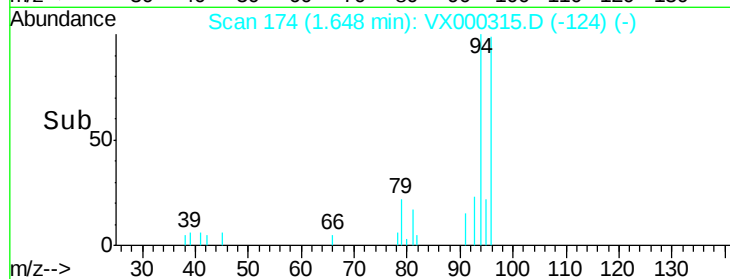
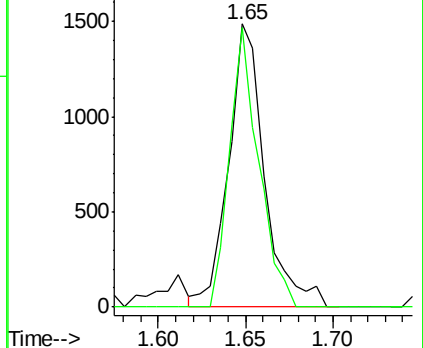
94 100

96 98.6 77.7 116.5



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 1.83 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX000315.D

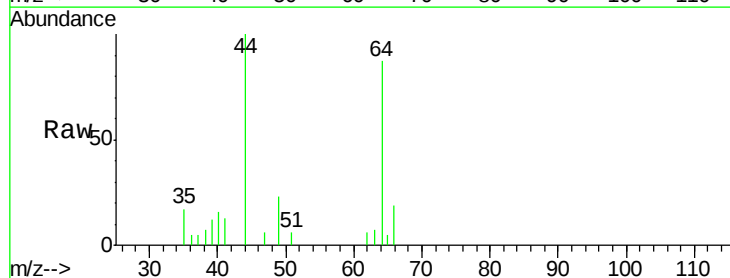
Acq: 14 Mar 2018 16:00

Tgt Ion: 64 Resp: 1461

Ion Ratio Lower Upper

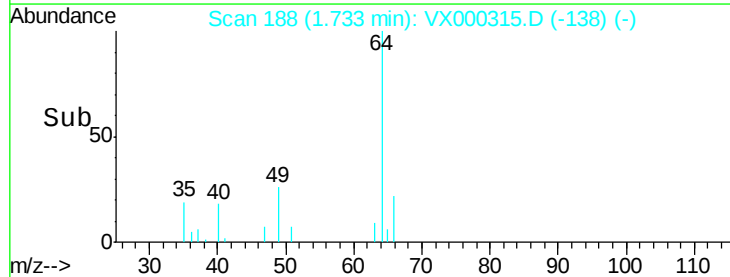
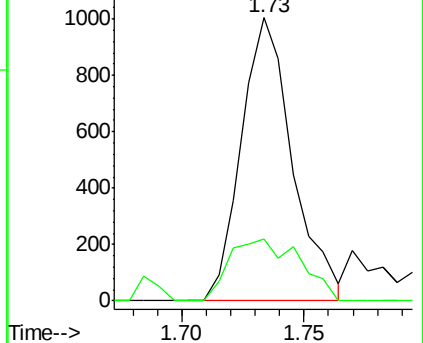
64 100

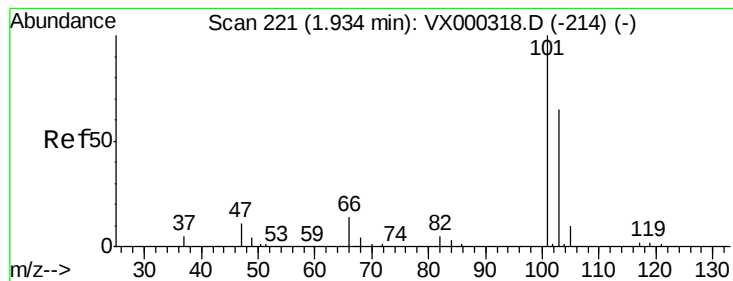
66 21.7 24.8 37.2#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 1.34 ug/l

RT: 1.93 min Scan# 221

Delta R.T. 0.00 min

Lab File: VX000315.D

Acq: 14 Mar 2018 16:00

Instrument :

MSVOA_X

ClientSampleId :

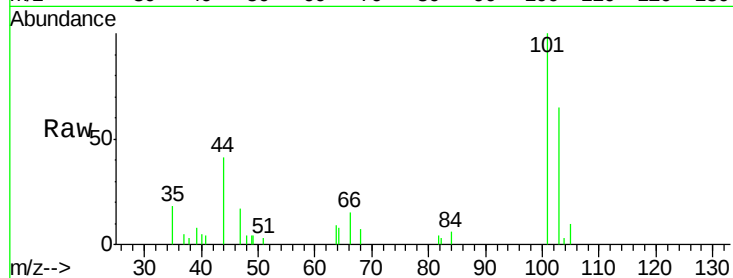
VSTDIC001

Tgt Ion: 101 Resp: 3211

Ion Ratio Lower Upper

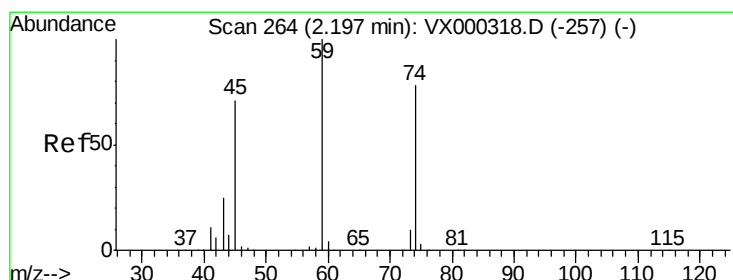
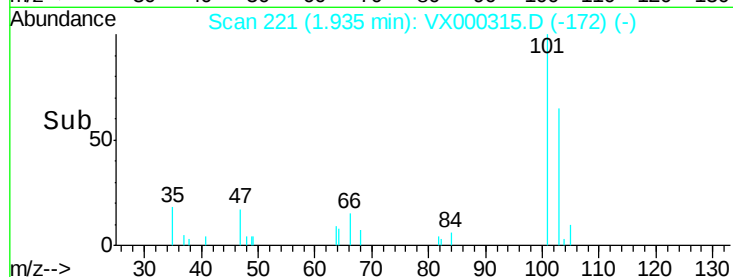
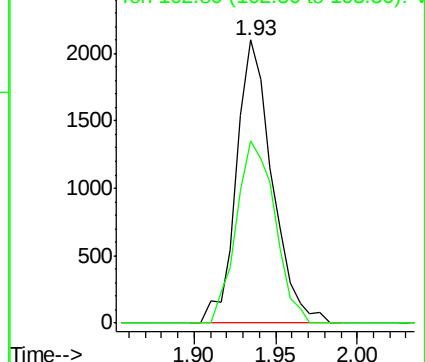
101 100

103 64.6 51.6 77.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 1.59 ug/l

RT: 2.20 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX000315.D

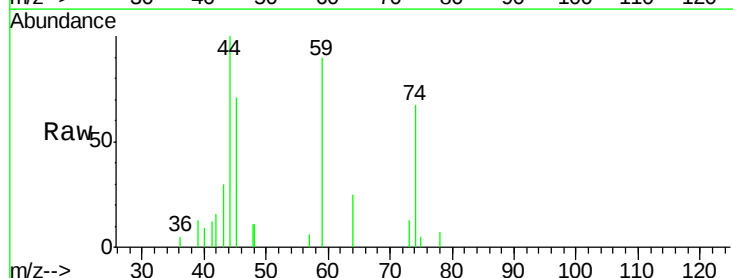
Acq: 14 Mar 2018 16:00

Tgt Ion: 74 Resp: 1304

Ion Ratio Lower Upper

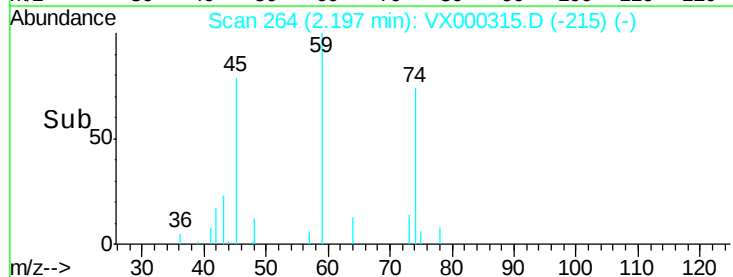
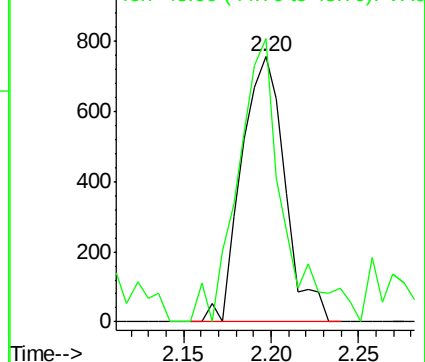
74 100

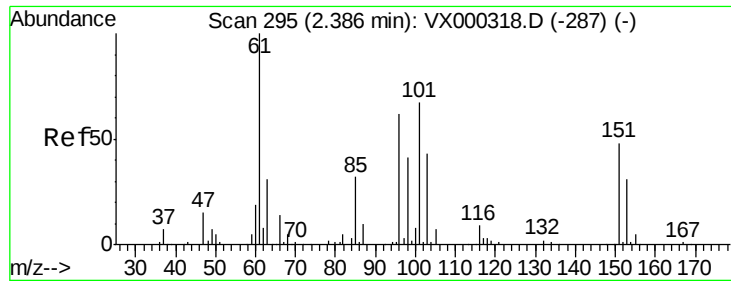
45 111.5 45.1 135.3



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: 1.34 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX000315.D

Acq: 14 Mar 2018 16:00

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

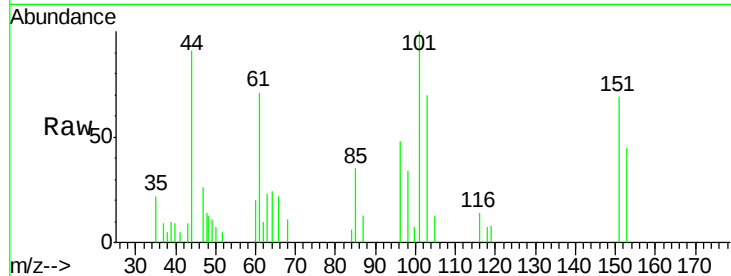
Tgt Ion:101 Resp: 1837

Ion Ratio Lower Upper

101 100

85 45.7 37.6 56.4

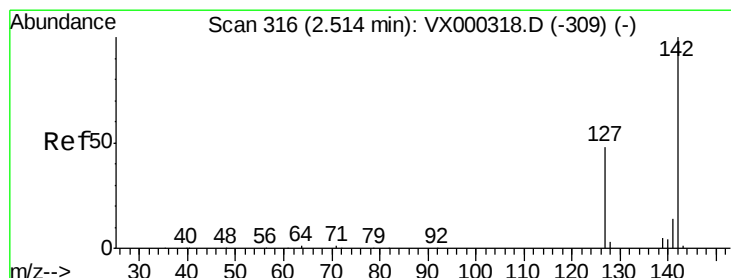
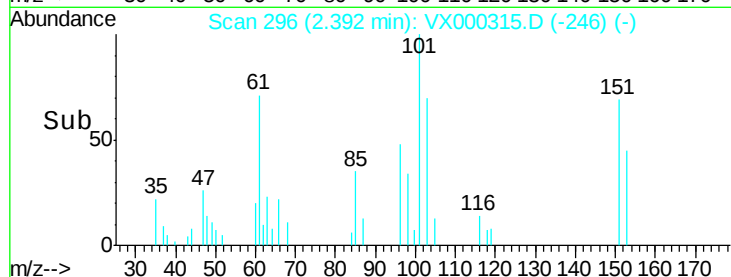
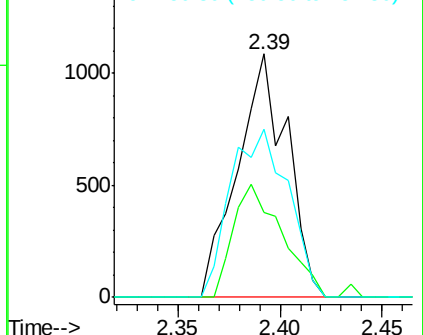
151 80.6 62.6 93.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 0.74 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX000315.D

Acq: 14 Mar 2018 16:00

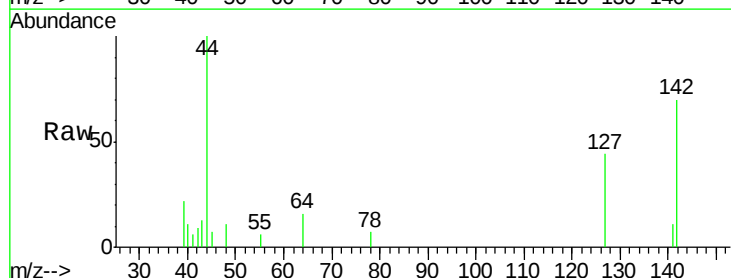
Tgt Ion:142 Resp: 1300

Ion Ratio Lower Upper

142 100

127 59.8 39.2 58.8#

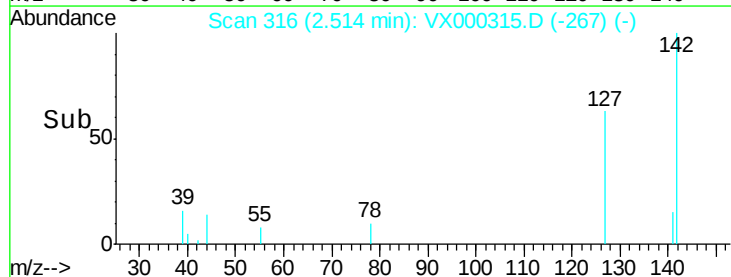
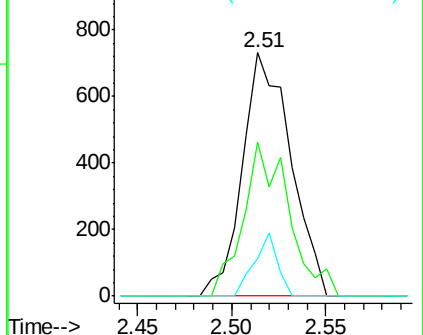
141 12.2 11.7 17.5

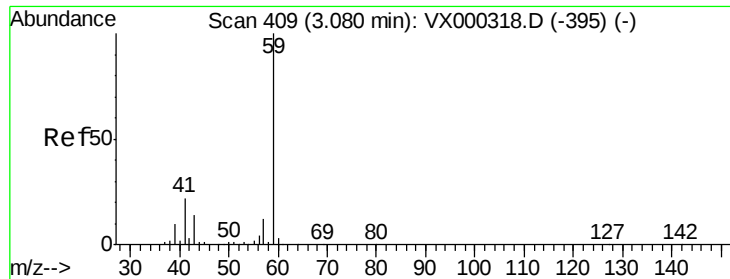


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

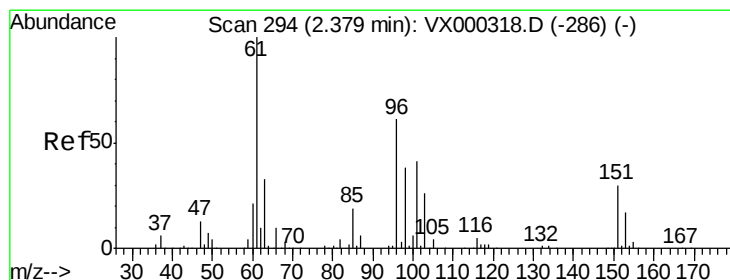
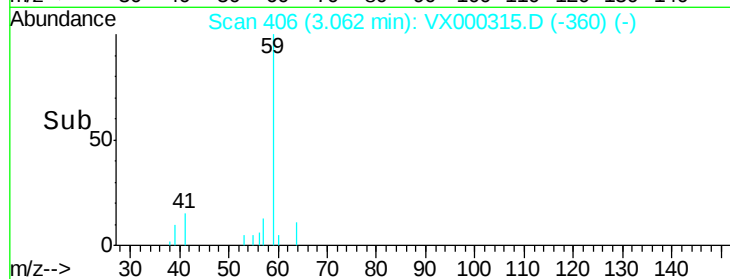
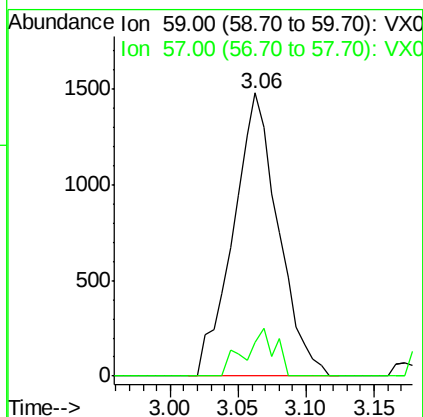
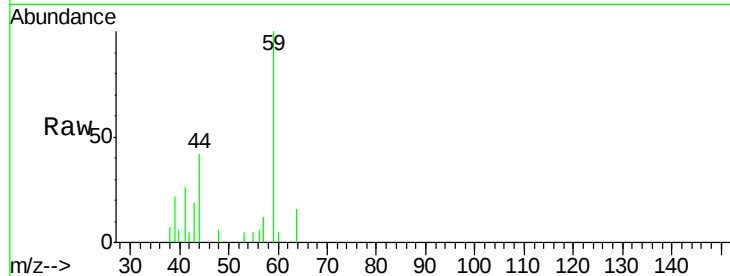




#11
Tert butyl alcohol
Concen: 6.05 ug/l
RT: 3.06 min Scan# 406
Delta R.T. -0.02 min
Lab File: VX000315.D
Acq: 14 Mar 2018 16:00

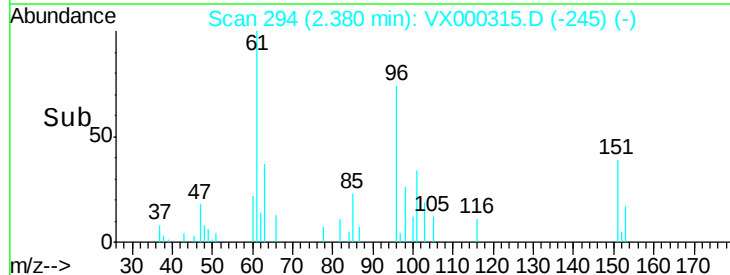
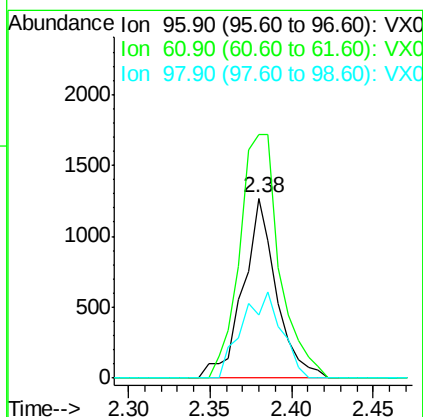
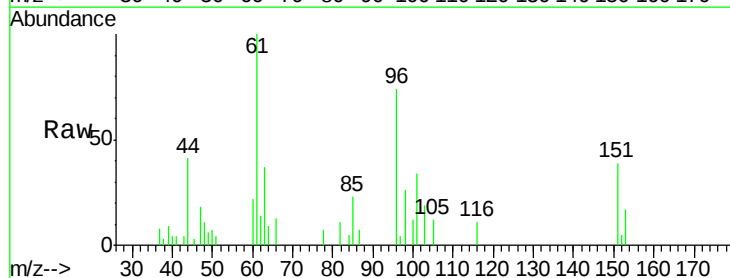
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

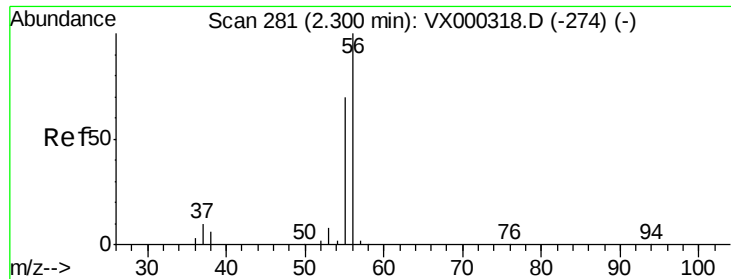
Tgt Ion: 59 Resp: 3416
Ion Ratio Lower Upper
59 100
57 11.4 8.4 12.6



#12
1,1-Dichloroethene
Concen: 1.48 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.00 min
Lab File: VX000315.D
Acq: 14 Mar 2018 16:00

Tgt Ion: 96 Resp: 1809
Ion Ratio Lower Upper
96 100
61 135.2 131.2 196.8
98 34.8 49.8 74.8#





#13

Acrolein

Concen: 5.77 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000315.D

Acq: 14 Mar 2018 16:00

Instrument :

MSVOA_X

ClientSampled :

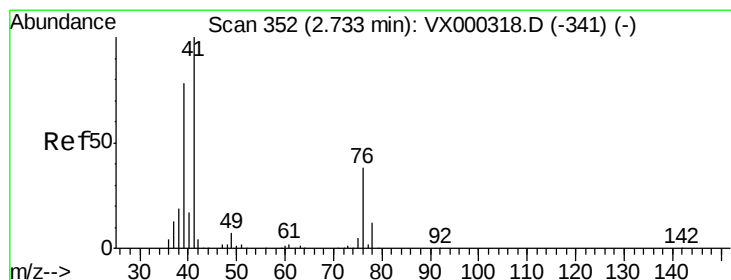
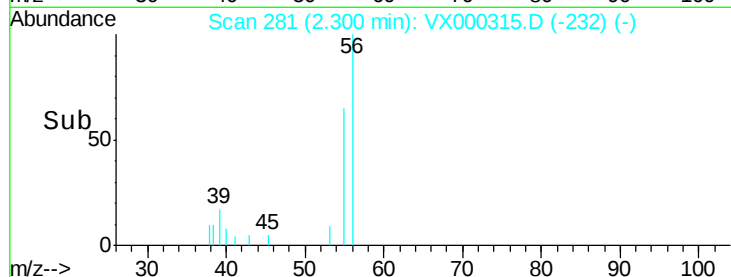
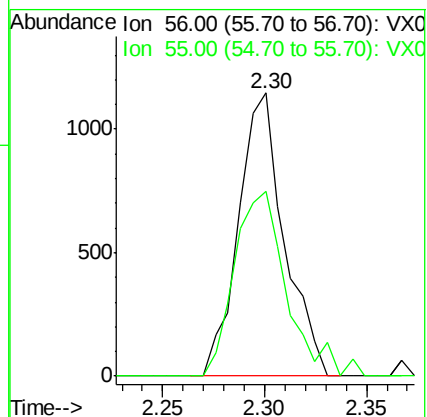
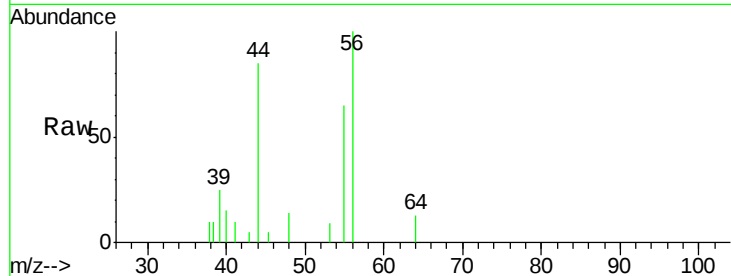
VSTDIC001

Tgt Ion: 56 Resp: 1785

Ion Ratio Lower Upper

56 100

55 74.7 58.8 88.2



#14

Allyl chloride

Concen: 1.38 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000315.D

Acq: 14 Mar 2018 16:00

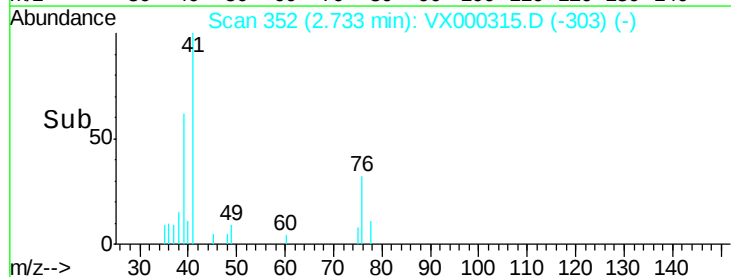
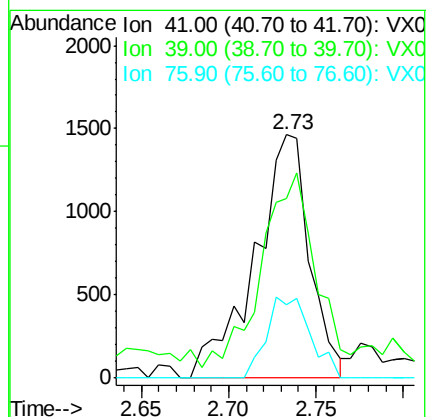
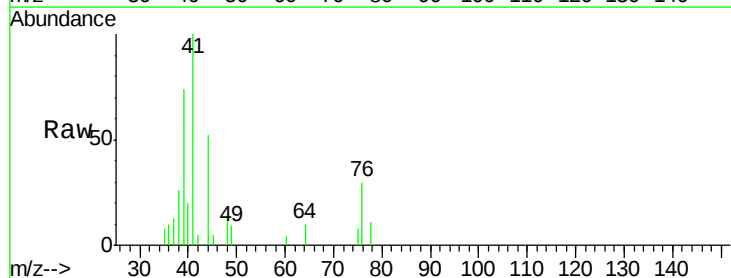
Tgt Ion: 41 Resp: 3201

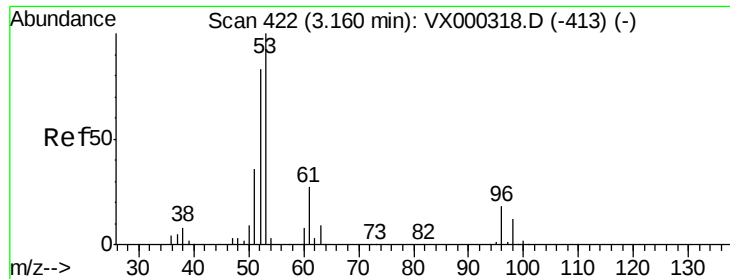
Ion Ratio Lower Upper

41 100

39 77.0 57.6 86.4

76 26.7 27.3 40.9#





#15

Acrylonitrile

Concen: 7.06 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX000315.D

Acq: 14 Mar 2018 16:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

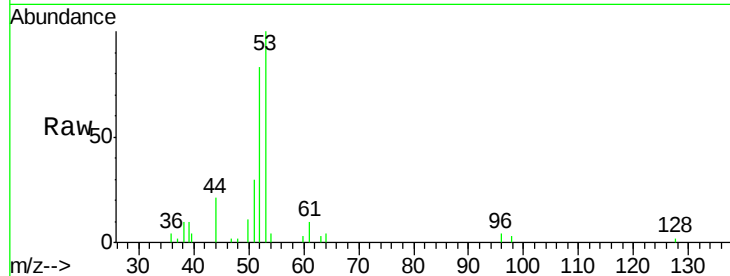
Tgt Ion: 53 Resp: 6826

Ion Ratio Lower Upper

53 100

52 86.0 66.6 99.8

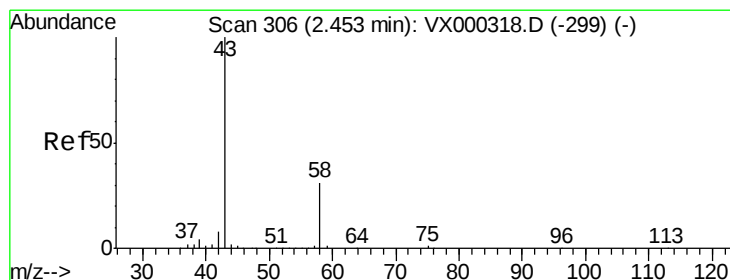
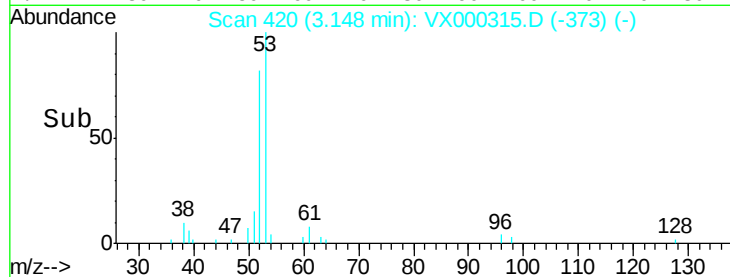
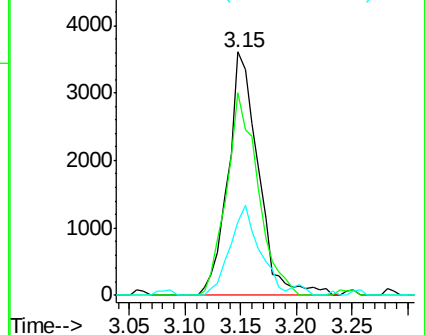
51 36.0 29.3 43.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 6.23 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX000315.D

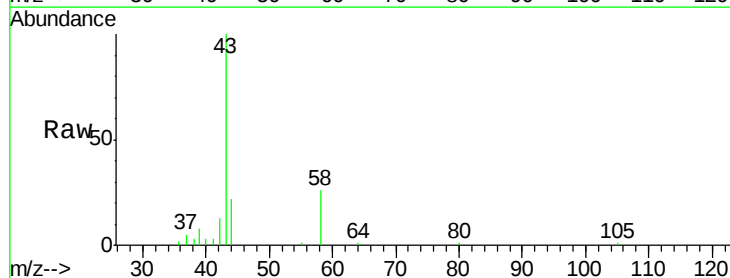
Acq: 14 Mar 2018 16:00

Tgt Ion: 43 Resp: 7357

Ion Ratio Lower Upper

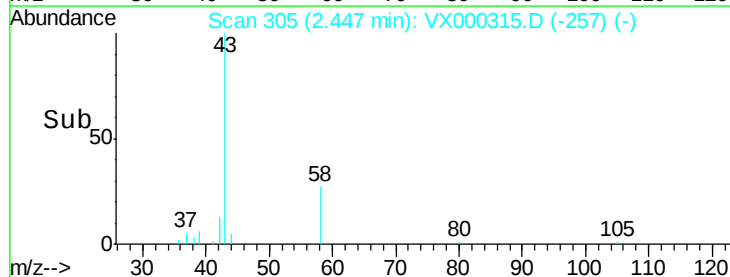
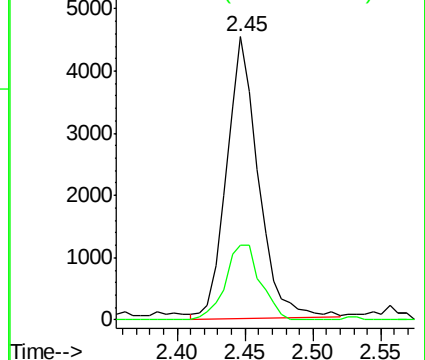
43 100

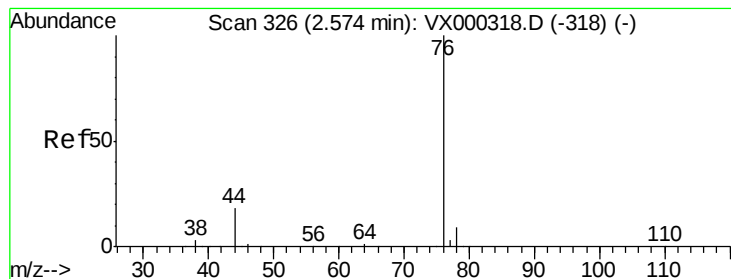
58 26.6 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 1.35 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000315.D

Acq: 14 Mar 2018 16:00

Instrument :

MSVOA_X

ClientSampleId :

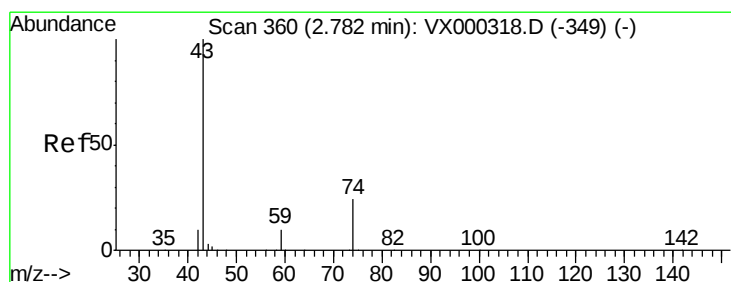
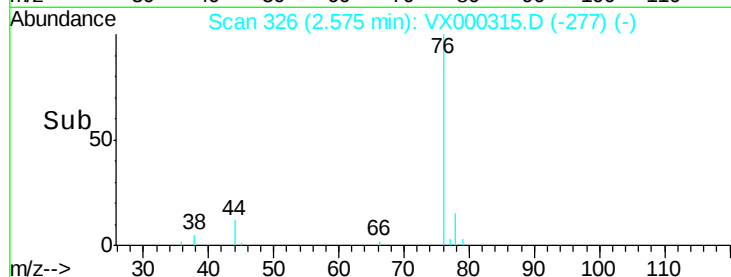
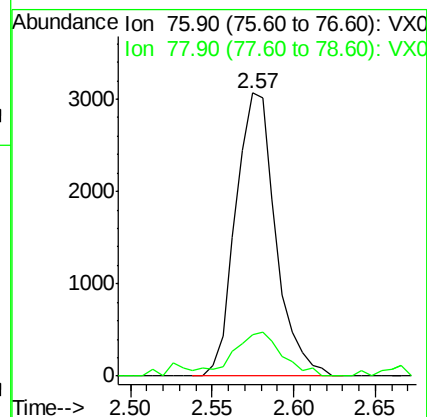
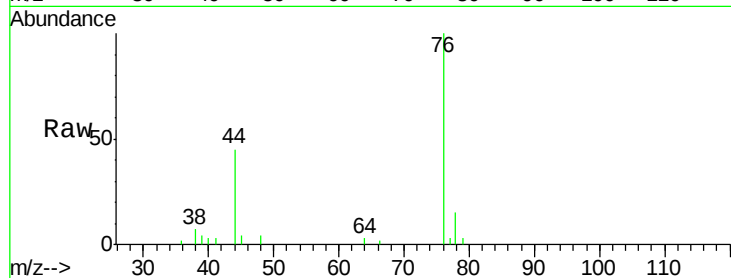
VSTDIC001

Tgt Ion: 76 Resp: 5242

Ion Ratio Lower Upper

76 100

78 14.8 7.0 10.6#



#18

Methyl Acetate

Concen: 1.44 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX000315.D

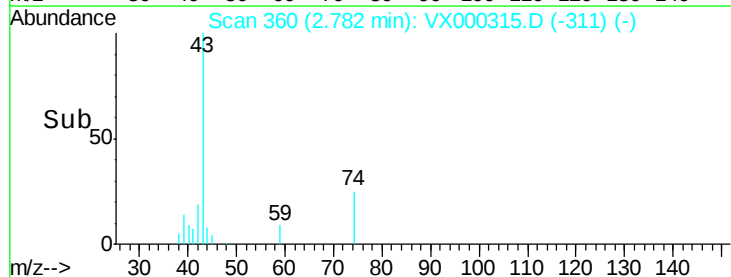
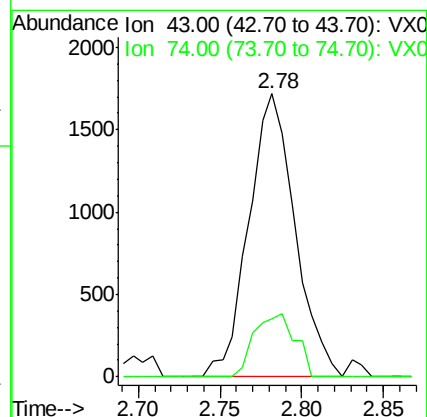
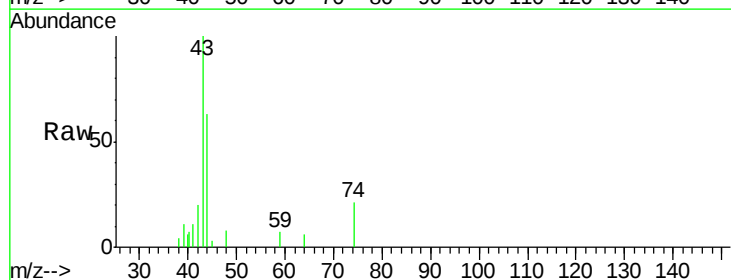
Acq: 14 Mar 2018 16:00

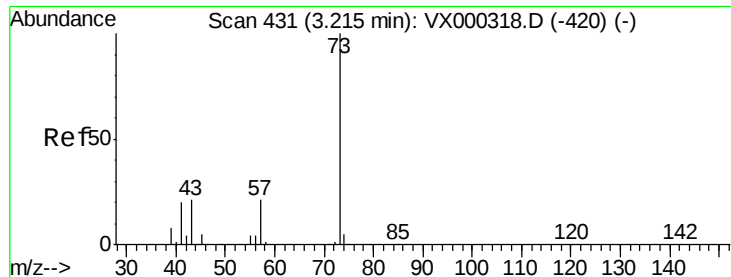
Tgt Ion: 43 Resp: 3393

Ion Ratio Lower Upper

43 100

74 19.7 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 1.35 ug/l

RT: 3.21 min Scan# 430

Delta R.T. -0.01 min

Lab File: VX000315.D

Acq: 14 Mar 2018 16:00

Instrument :

MSVOA_X

ClientSampleId :

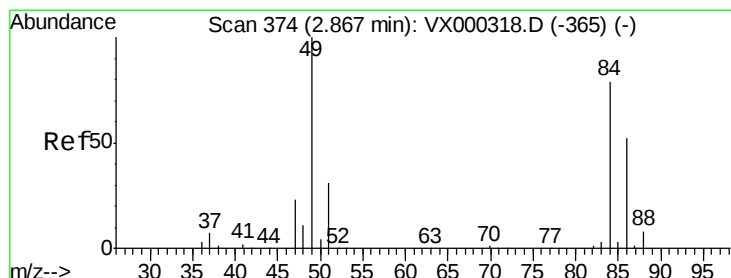
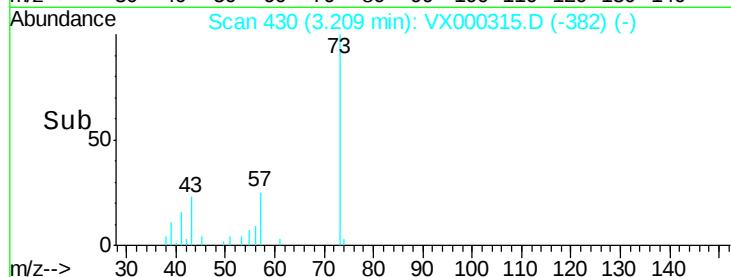
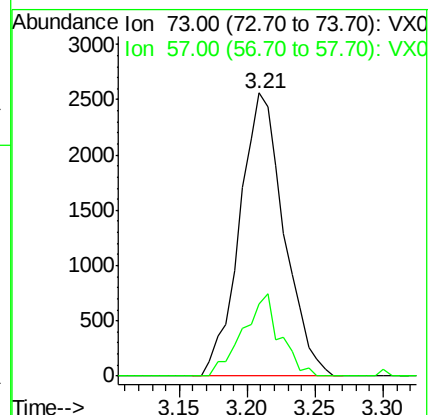
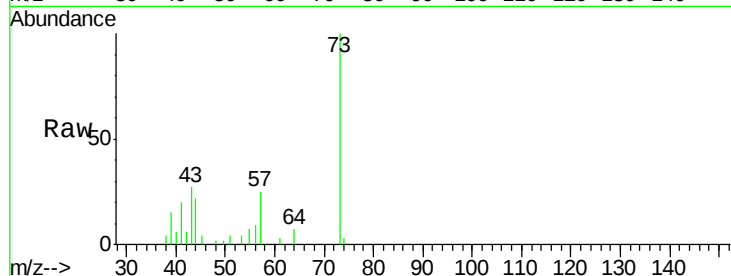
VSTDIC001

Tgt Ion: 73 Resp: 5846

Ion Ratio Lower Upper

73 100

57 25.4 17.2 25.8



#20

Methylene Chloride

Concen: 1.49 ug/l

RT: 2.87 min Scan# 374

Delta R.T. 0.00 min

Lab File: VX000315.D

Acq: 14 Mar 2018 16:00

Tgt Ion: 84 Resp: 2071

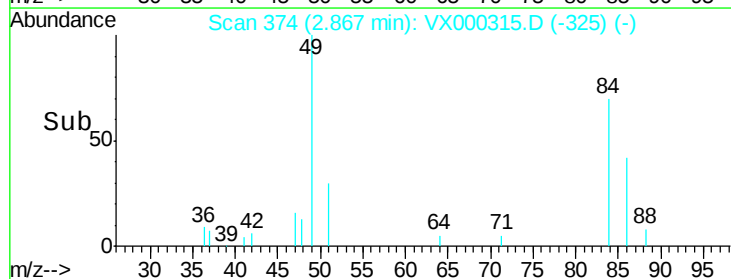
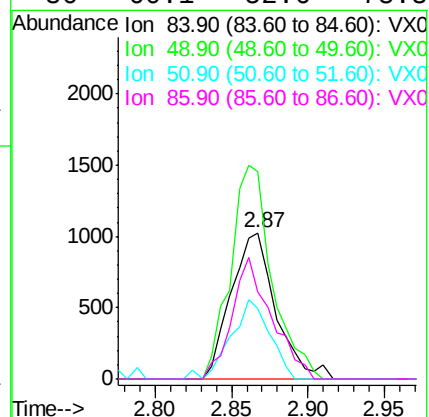
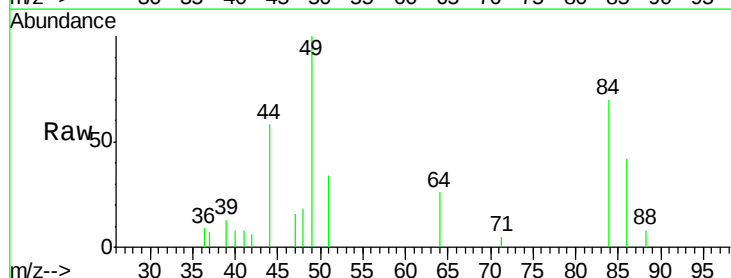
Ion Ratio Lower Upper

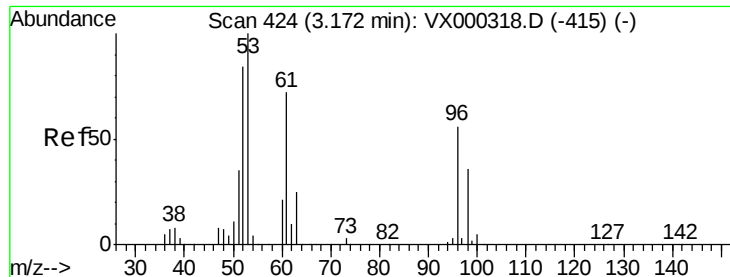
84 100

49 142.3 100.6 151.0

51 48.6 31.6 47.4#

86 60.1 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 1.45 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX000315.D

Acq: 14 Mar 2018 16:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

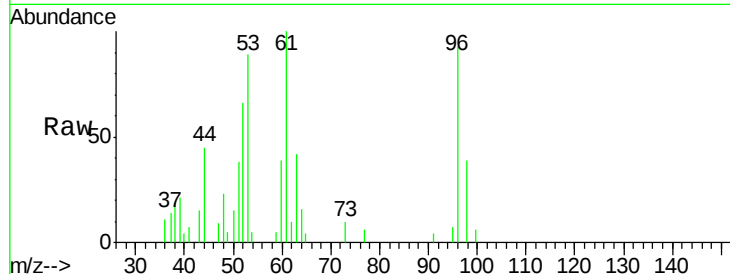
Tgt Ion: 96 Resp: 1970

Ion Ratio Lower Upper

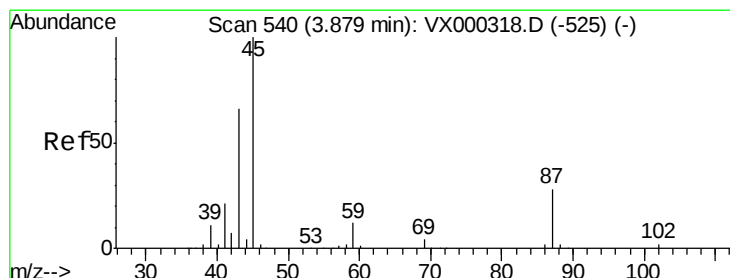
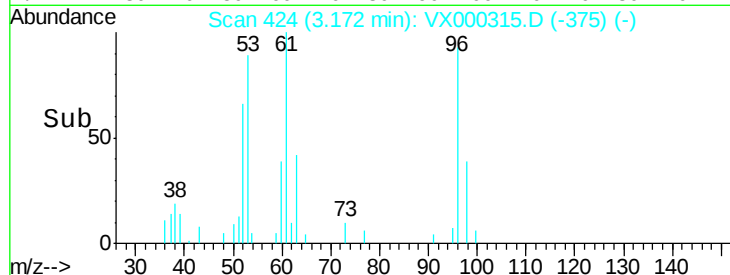
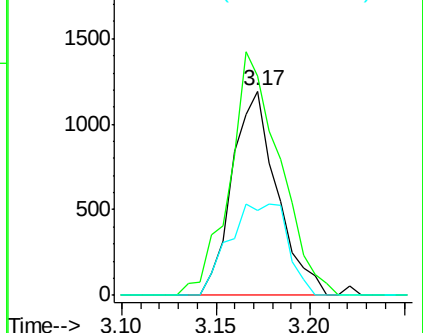
96 100

61 107.7 104.0 156.0

98 41.8 52.1 78.1#



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



#22

Diisopropyl ether

Concen: 1.44 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX000315.D

Acq: 14 Mar 2018 16:00

Tgt Ion: 45 Resp: 5661

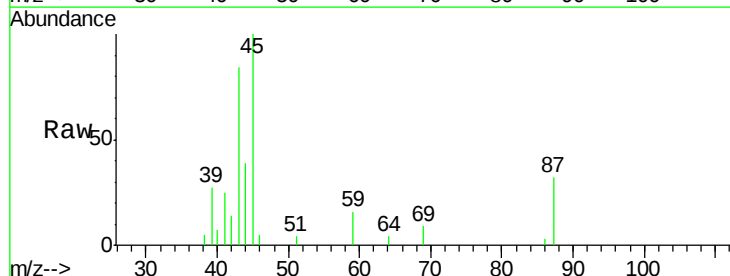
Ion Ratio Lower Upper

45 100

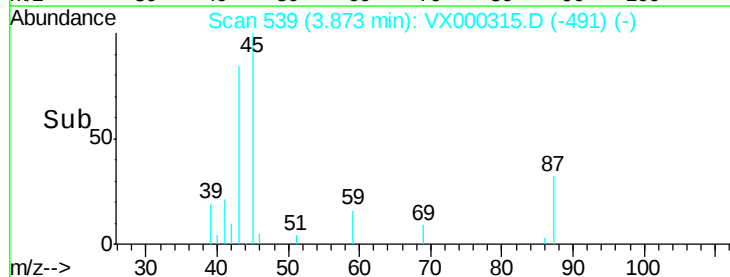
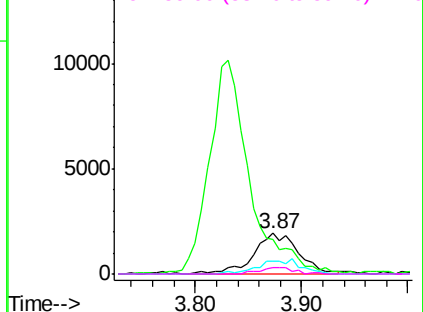
43 76.6 53.9 80.9

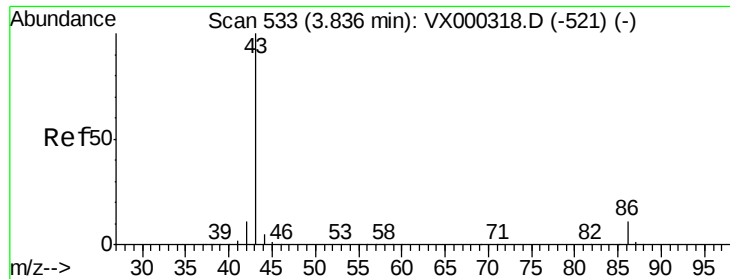
87 31.7 22.6 34.0

59 15.5 9.5 14.3#



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 7.67 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.01 min

Lab File: VX000315.D

Acq: 14 Mar 2018 16:00

Instrument :

MSVOA_X

ClientSampleId :

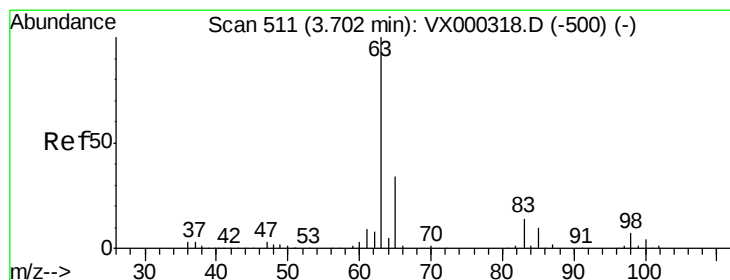
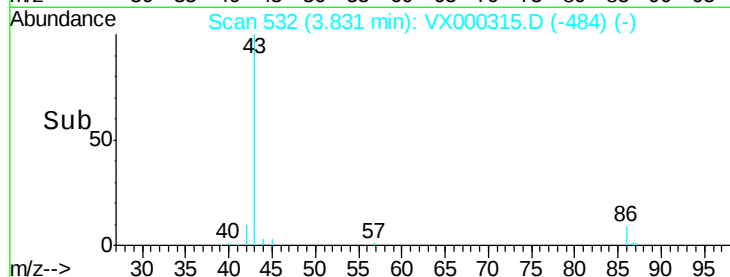
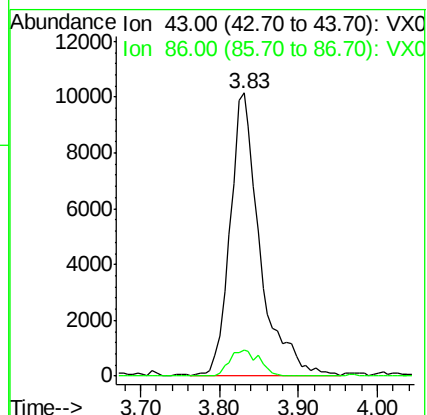
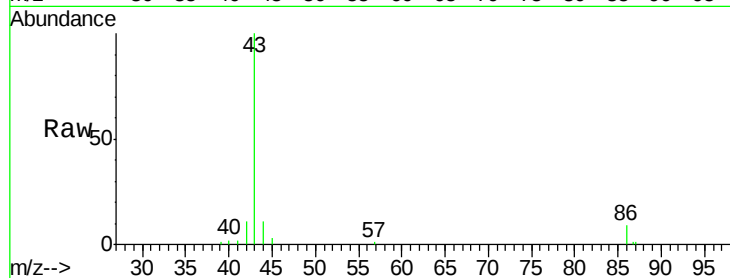
VSTDIC001

Tgt Ion: 43 Resp: 26849

Ion Ratio Lower Upper

43 100

86 9.2 8.6 12.8



#24

1,1-Dichloroethane

Concen: 1.48 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX000315.D

Acq: 14 Mar 2018 16:00

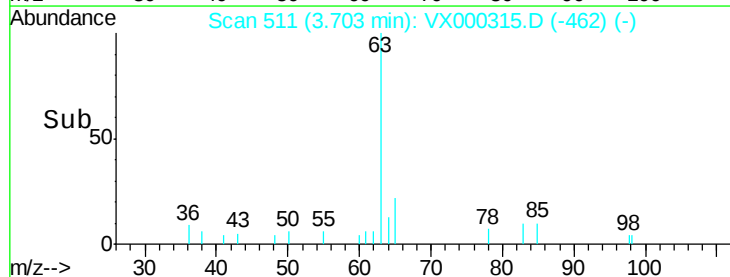
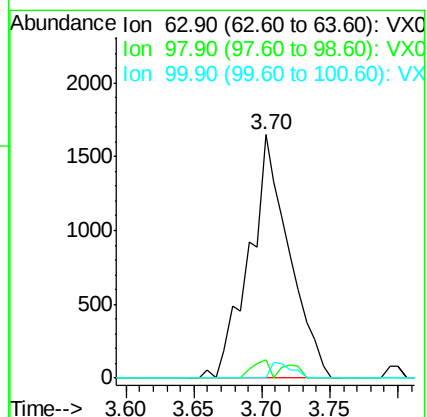
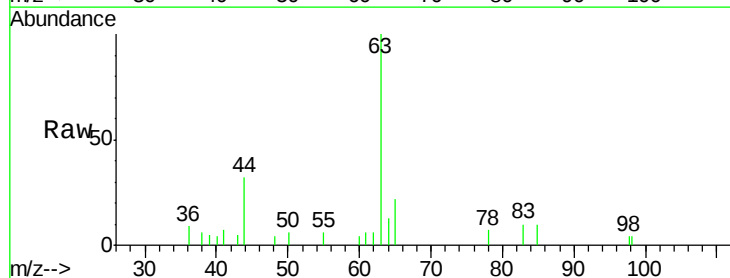
Tgt Ion: 63 Resp: 3372

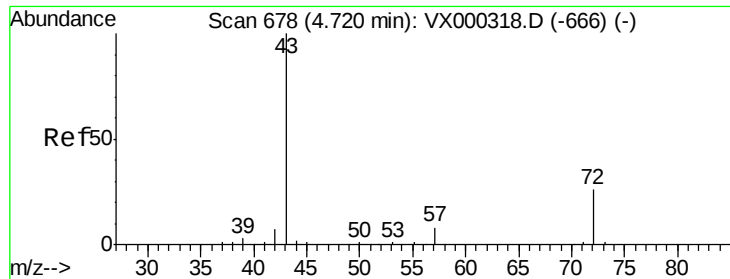
Ion Ratio Lower Upper

63 100

98 7.8 3.3 9.9

100 0.0 2.0 5.8#





#25

2-Butanone

Concen: 5.35 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.00 min

Lab File: VX000315.D

Acq: 14 Mar 2018 16:00

Instrument :

MSVOA_X

ClientSampleId :

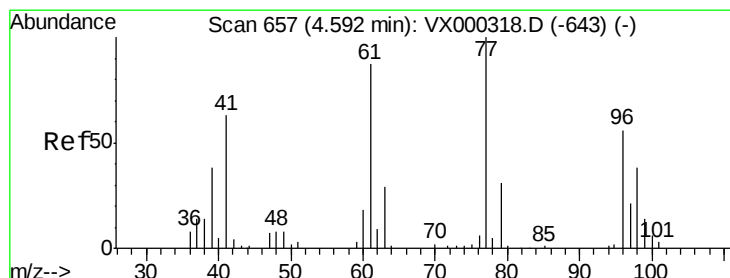
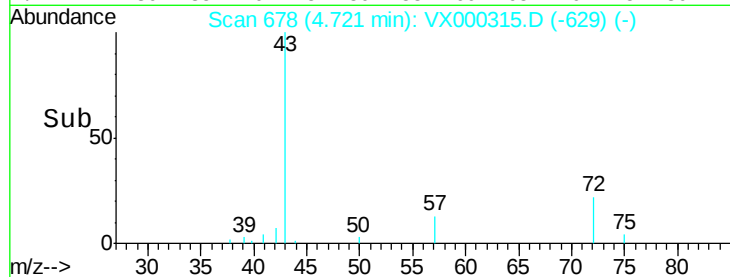
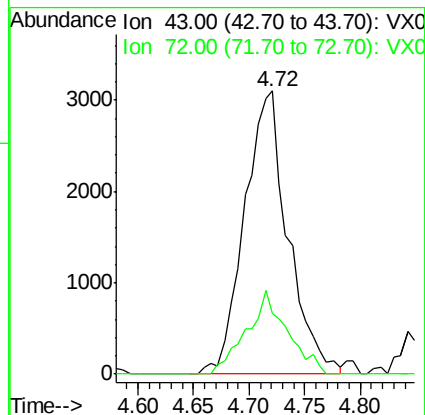
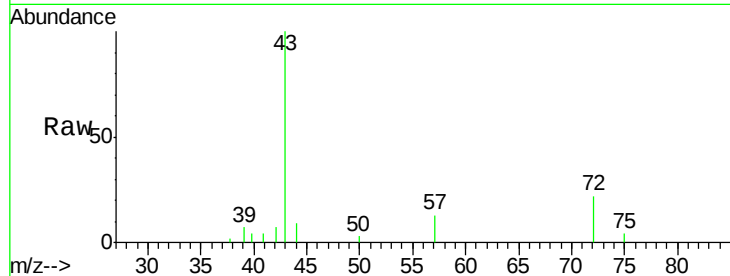
VSTDIC001

Tgt Ion: 43 Resp: 8422

Ion Ratio Lower Upper

43 100

72 21.7 21.0 31.6



#26

2,2-Dichloropropane

Concen: 1.26 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX000315.D

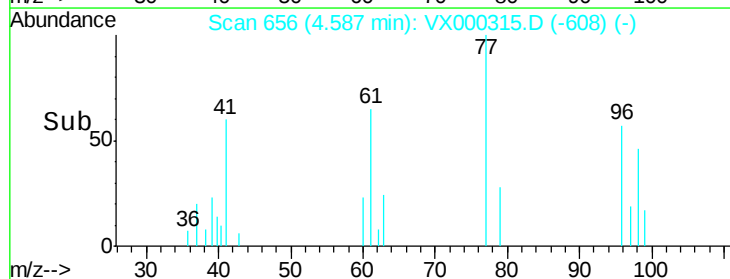
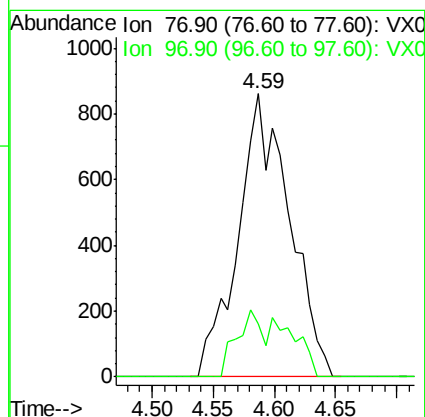
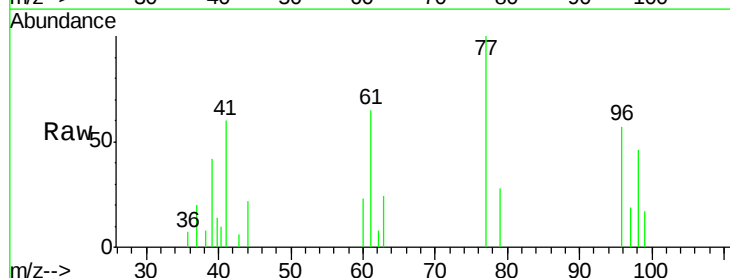
Acq: 14 Mar 2018 16:00

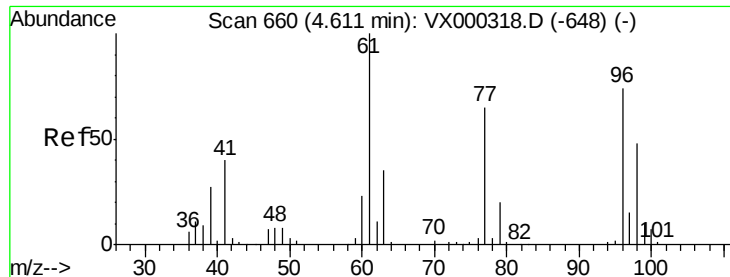
Tgt Ion: 77 Resp: 2519

Ion Ratio Lower Upper

77 100

97 11.7 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 1.35 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.01 min

Lab File: VX000315.D

Acq: 14 Mar 2018 16:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

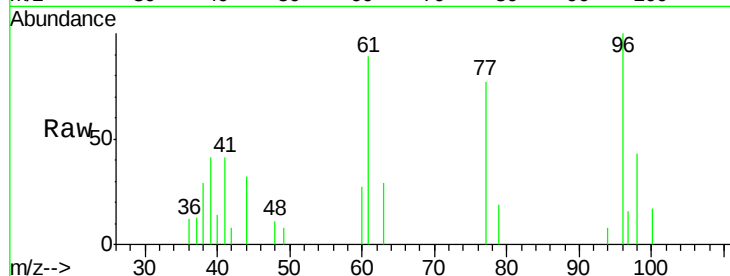
Tgt Ion: 96 Resp: 1911

Ion Ratio Lower Upper

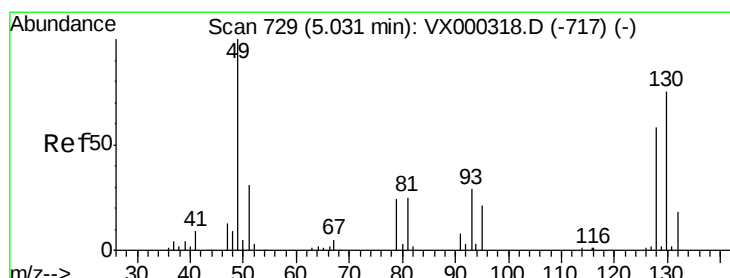
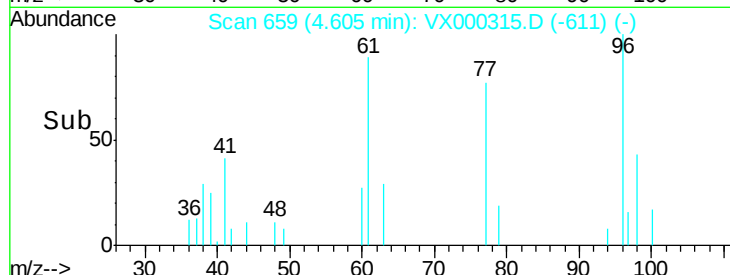
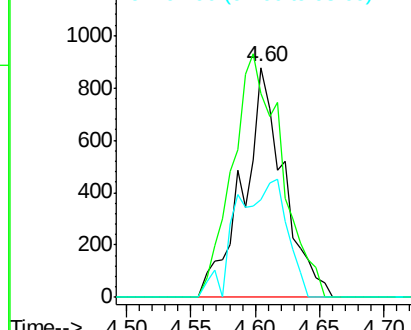
96 100

61 129.3 0.0 291.6

98 64.3 0.0 132.0



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



#28

Bromochloromethane

Concen: 1.28 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX000315.D

Acq: 14 Mar 2018 16:00

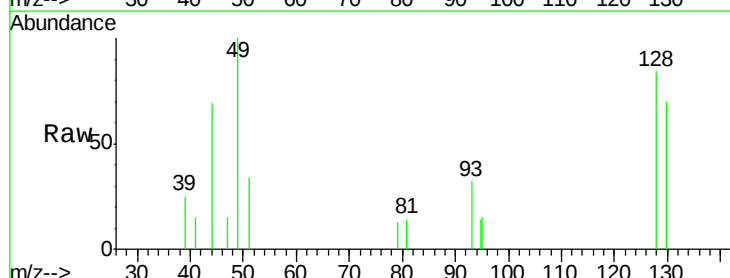
Tgt Ion: 49 Resp: 1372

Ion Ratio Lower Upper

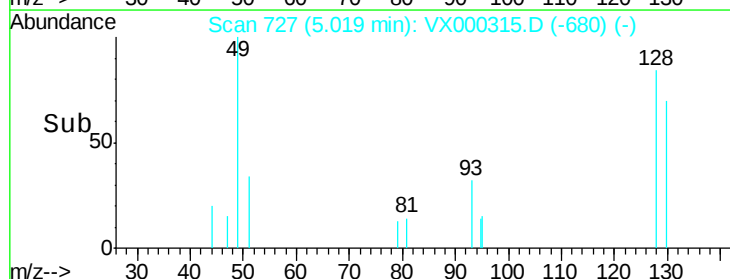
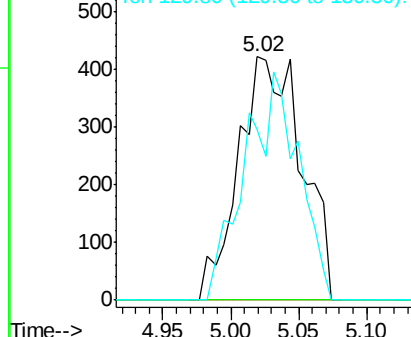
49 100

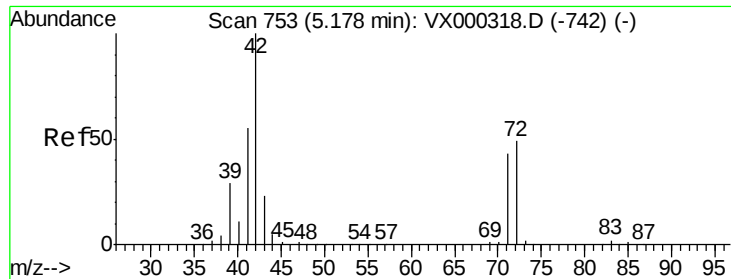
129 0.0 0.0 5.0

130 80.1 64.0 96.0



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

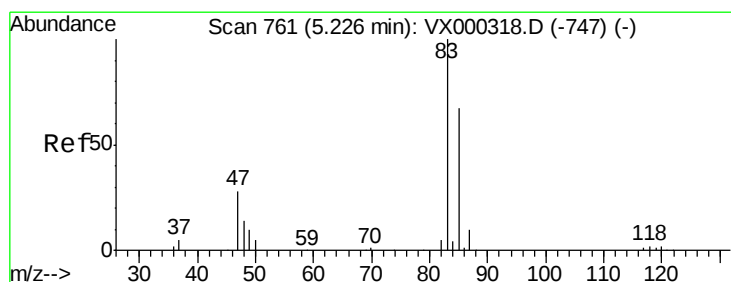
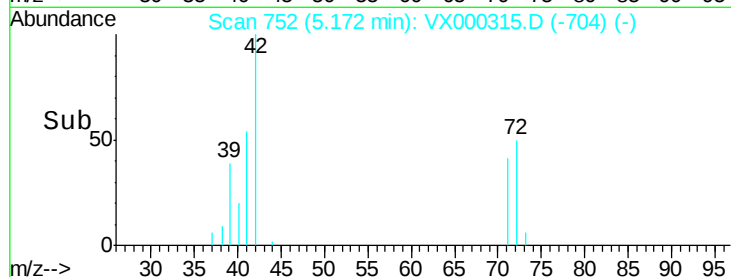
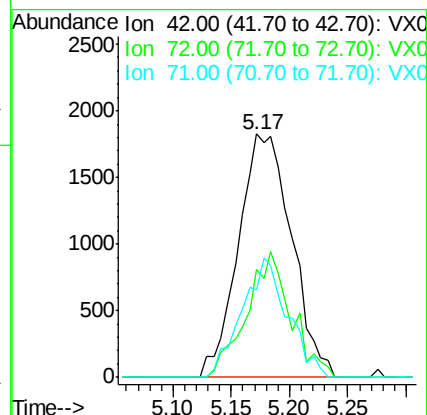
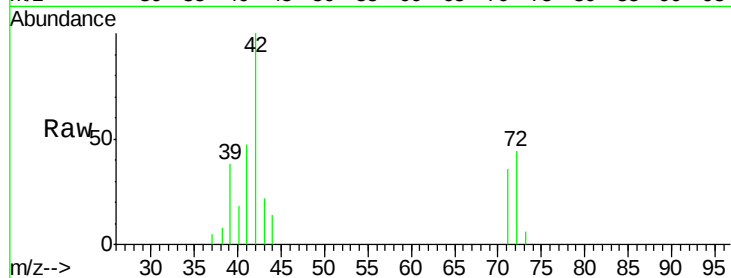




#29
Tetrahydrofuran
Concen: 6.00 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX000315.D
Acq: 14 Mar 2018 16:00

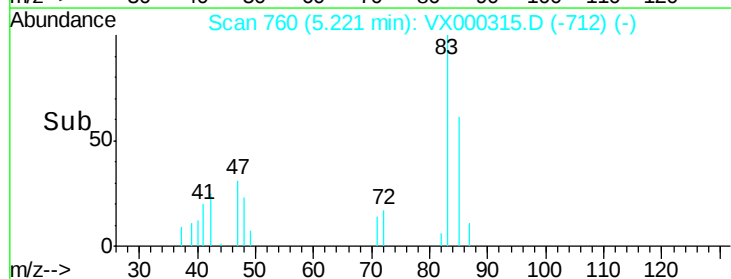
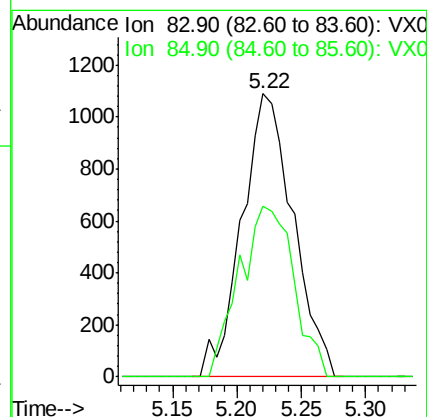
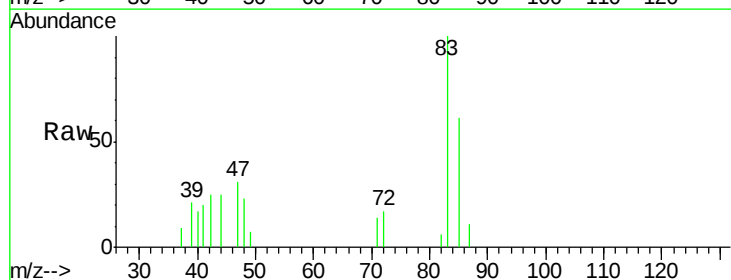
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

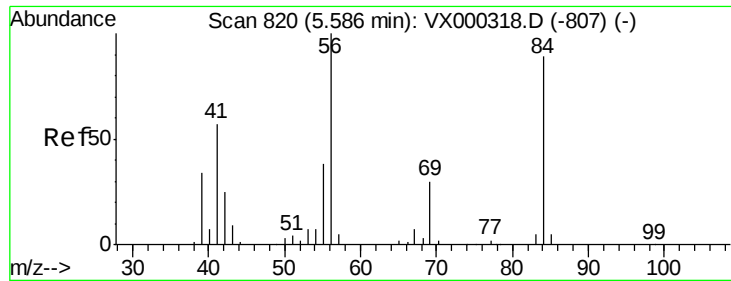
Tgt Ion: 42 Resp: 5787
Ion Ratio Lower Upper
42 100
72 43.4 37.9 56.9
71 42.3 34.4 51.6



#30
Chloroform
Concen: 1.26 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.01 min
Lab File: VX000315.D
Acq: 14 Mar 2018 16:00

Tgt Ion: 83 Resp: 3007
Ion Ratio Lower Upper
83 100
85 60.5 53.3 79.9

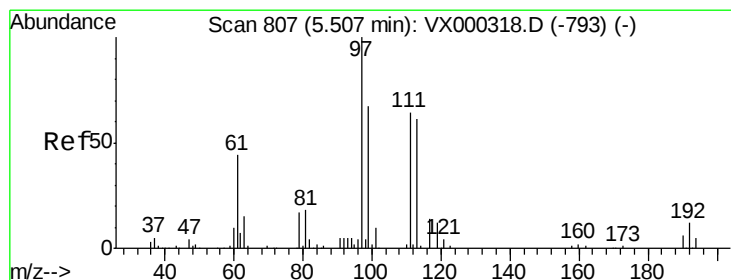
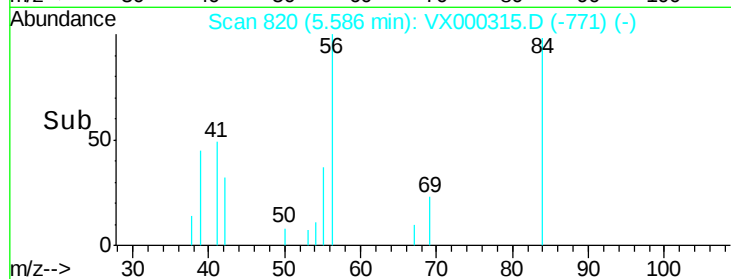
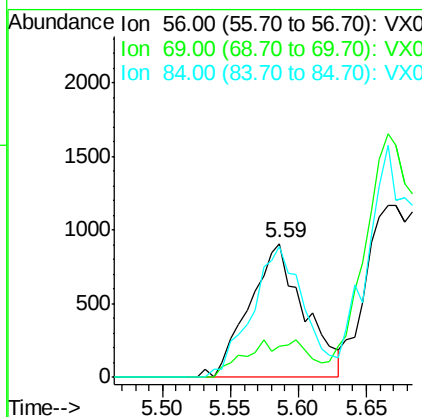
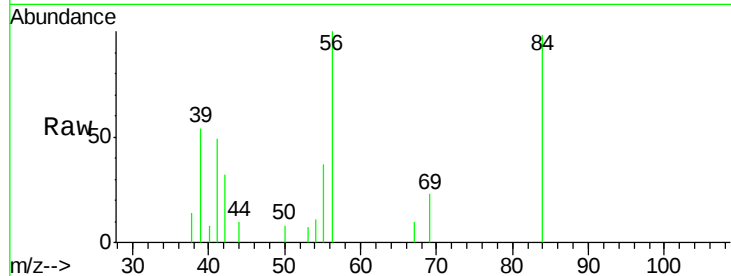




#31
Cyclohexane
Concen: 1.23 ug/l
RT: 5.59 min Scan# 820
Delta R.T. 0.00 min
Lab File: VX000315.D
Acq: 14 Mar 2018 16:00

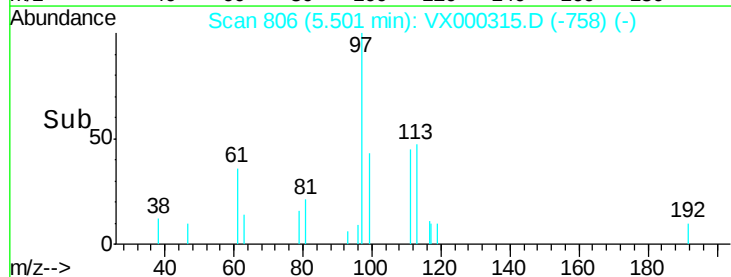
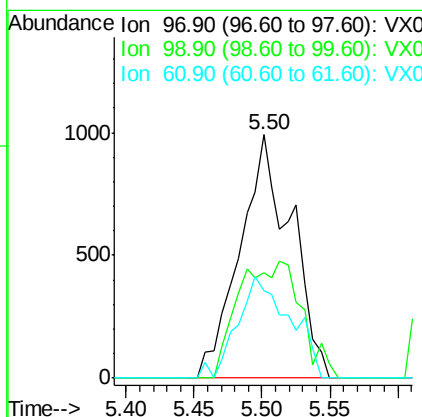
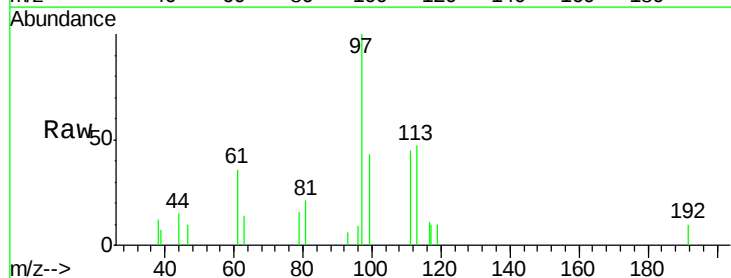
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

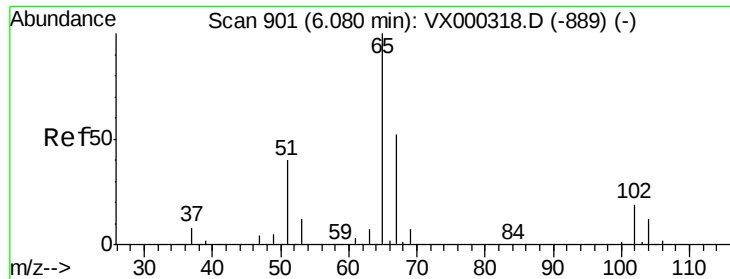
Tgt Ion: 56 Resp: 2551
Ion Ratio Lower Upper
56 100
69 23.0 23.4 35.0#
84 97.9 71.0 106.4



#32
1,1,1-Trichloroethane
Concen: 1.18 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: VX000315.D
Acq: 14 Mar 2018 16:00

Tgt Ion: 97 Resp: 2617
Ion Ratio Lower Upper
97 100
99 0.0 52.1 78.1#
61 42.5 36.2 54.4

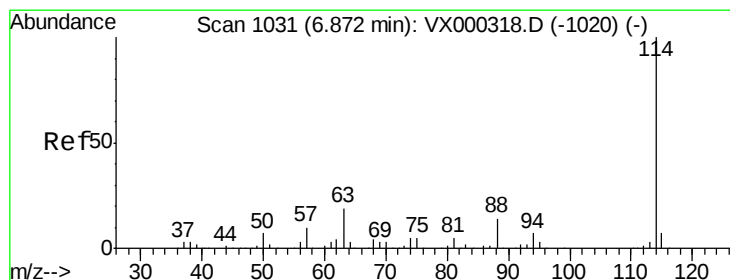
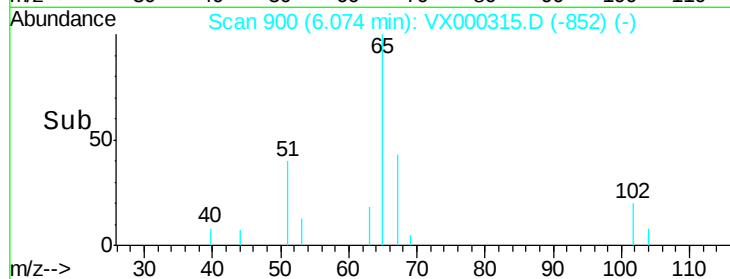
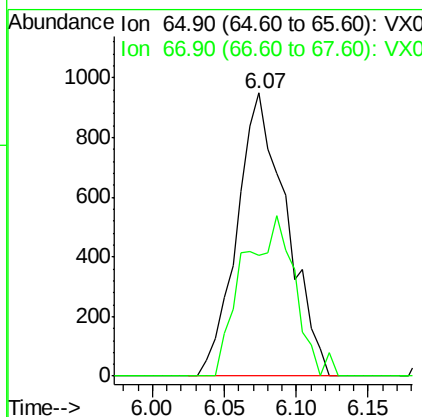
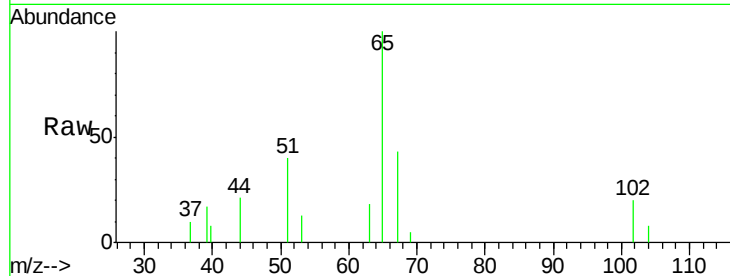




#33
 1,2-Dichloroethane-d4
 Concen: 1.45 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX000315.D
 Acq: 14 Mar 2018 16:00

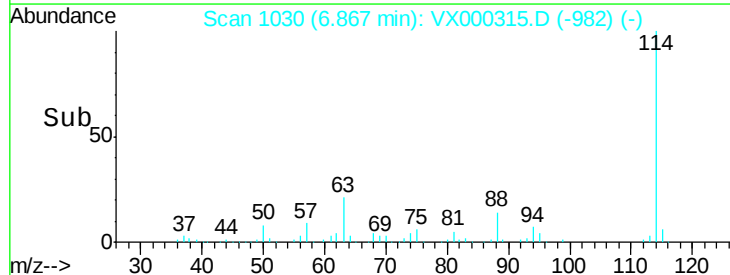
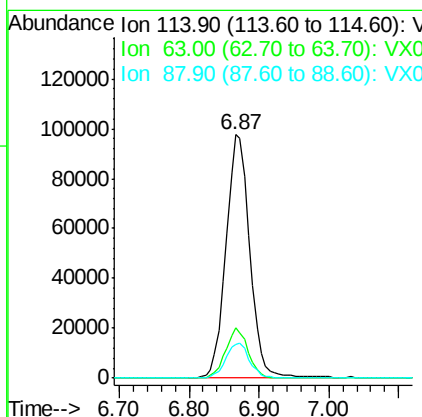
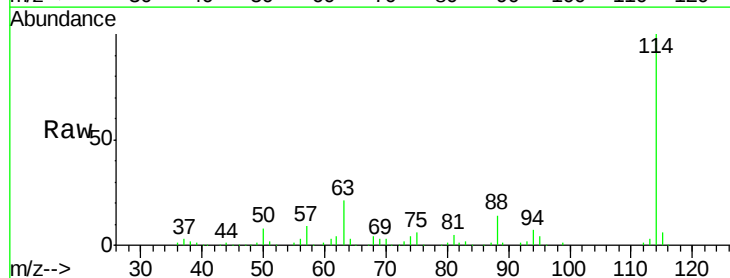
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

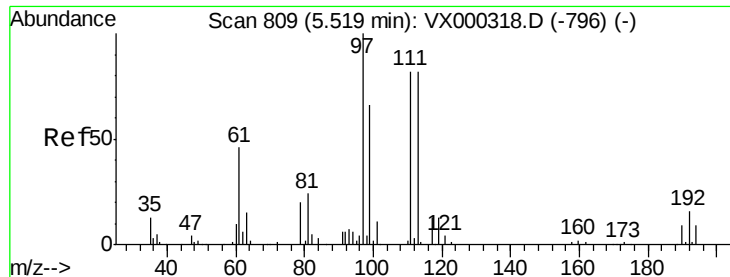
Tgt Ion: 65 Resp: 2268
 Ion Ratio Lower Upper
 65 100
 67 59.2 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: VX000315.D
 Acq: 14 Mar 2018 16:00

Tgt Ion: 114 Resp: 231532
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 38.4
 88 14.0 0.0 27.0





#35

Dibromofluoromethane

Concen: 1.08 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.01 min

Lab File: VX000315.D

Acq: 14 Mar 2018 16:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

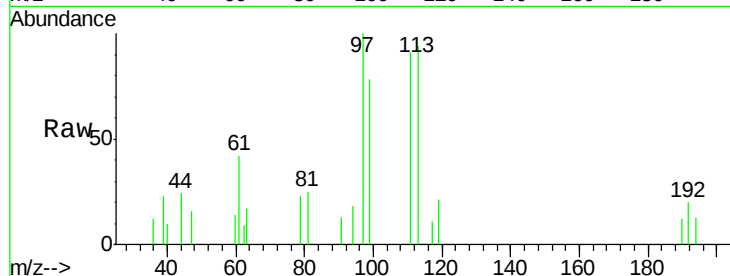
Tgt Ion:113 Resp: 1593

Ion Ratio Lower Upper

113 100

111 108.6 82.4 123.6

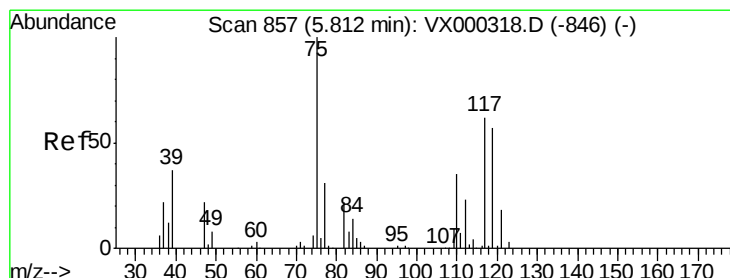
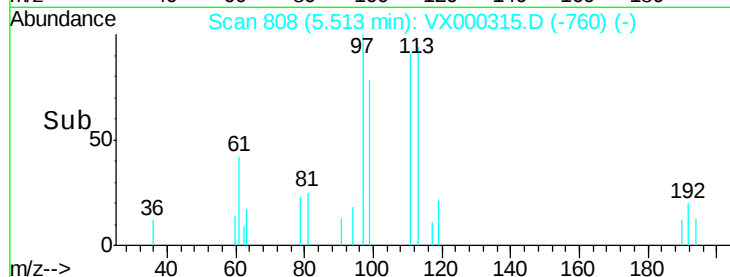
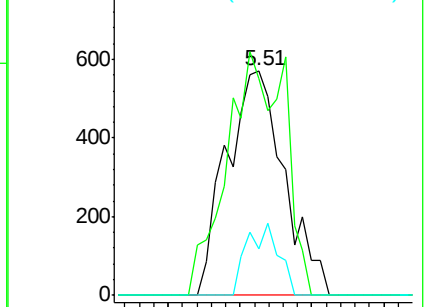
192 17.2 15.8 23.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 1.17 ug/l

RT: 5.81 min Scan# 857

Delta R.T. 0.00 min

Lab File: VX000315.D

Acq: 14 Mar 2018 16:00

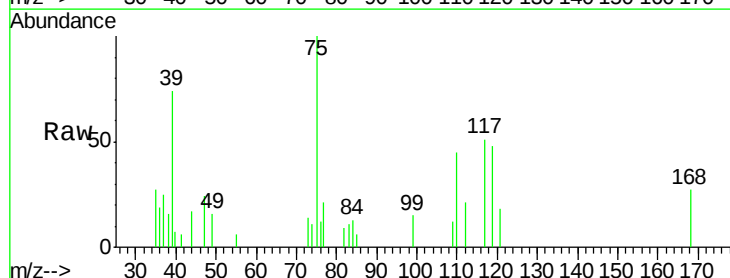
Tgt Ion: 75 Resp: 2400

Ion Ratio Lower Upper

75 100

110 41.1 17.9 53.7

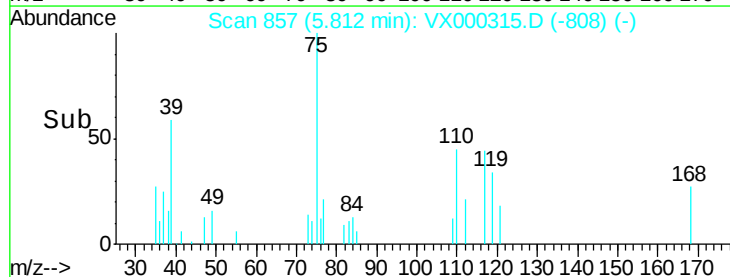
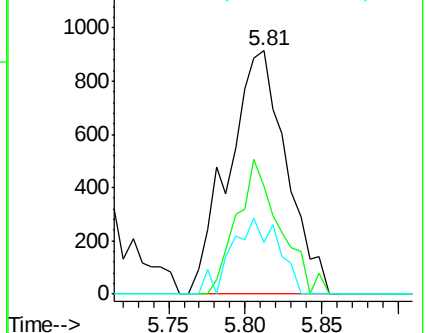
77 25.2 24.0 36.0

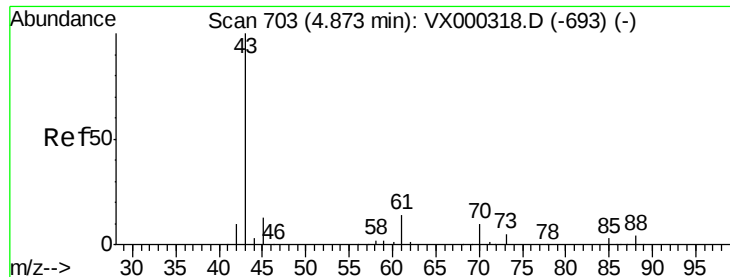


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

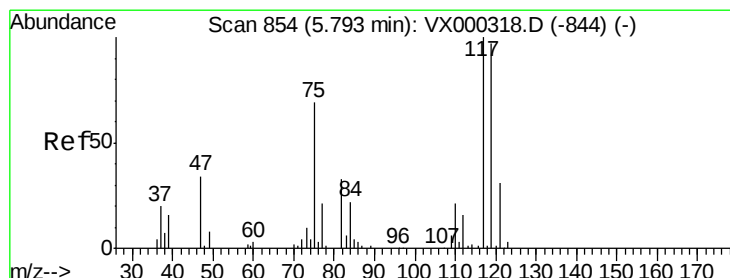
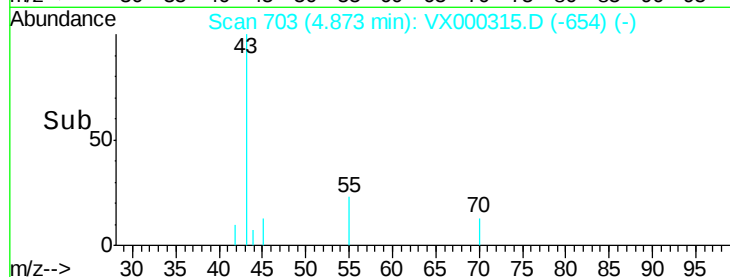
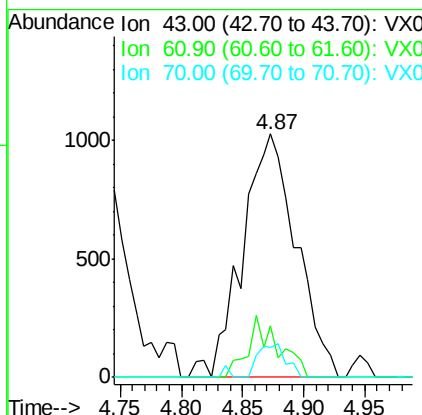
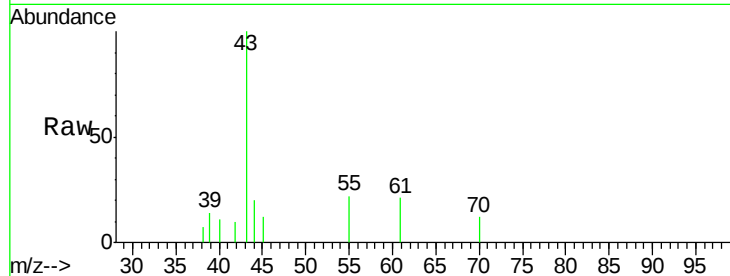




#37
Ethyl Acetate
Concen: 1.10 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.00 min
Lab File: VX000315.D
Acq: 14 Mar 2018 16:00

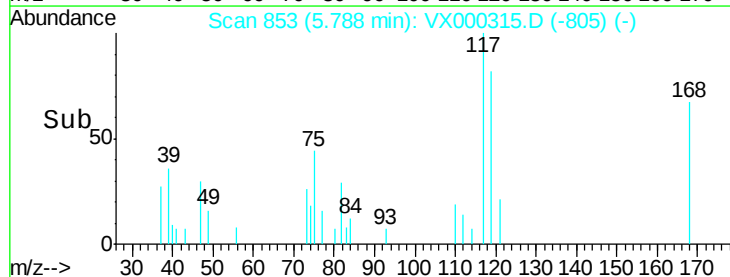
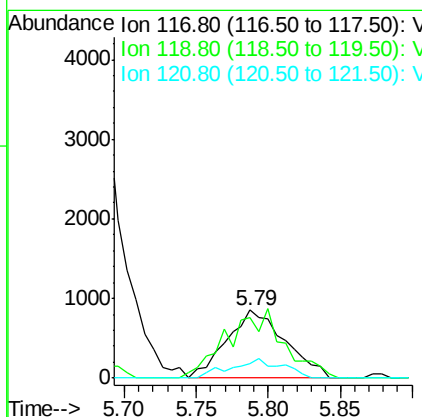
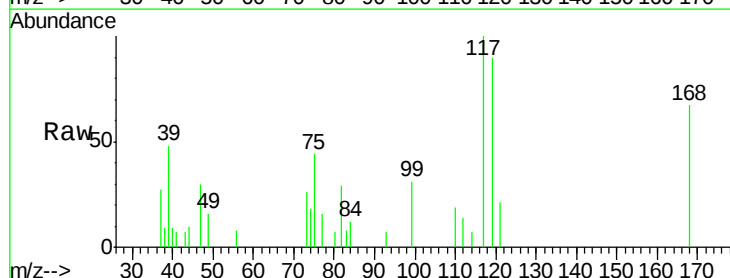
Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

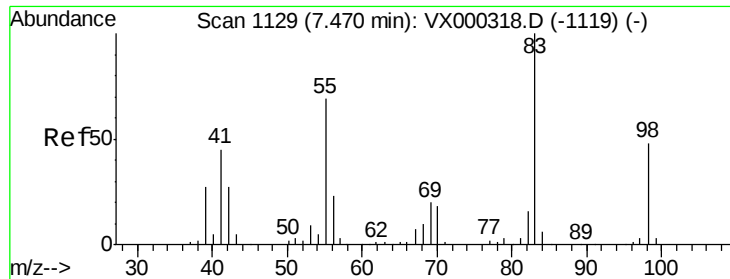
Tgt Ion: 43 Resp: 3147
Ion Ratio Lower Upper
43 100
61 14.2 11.1 16.7
70 7.1 7.7 11.5#



#38
Carbon Tetrachloride
Concen: 1.07 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.01 min
Lab File: VX000315.D
Acq: 14 Mar 2018 16:00

Tgt Ion: 117 Resp: 2404
Ion Ratio Lower Upper
117 100
119 89.9 77.4 116.2
121 21.1 24.8 37.2#





#39

Methylcyclohexane

Concen: 1.05 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. -0.01 min

Lab File: VX000315.D

Acq: 14 Mar 2018 16:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

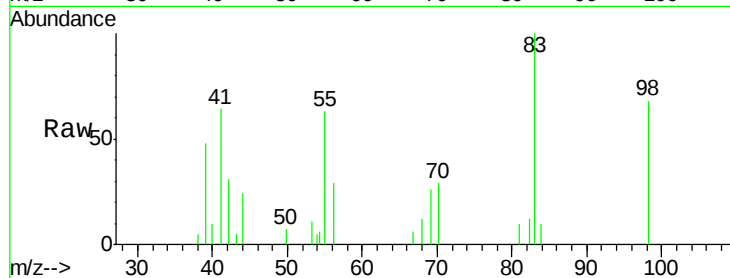
Tgt Ion: 83 Resp: 2725

Ion Ratio Lower Upper

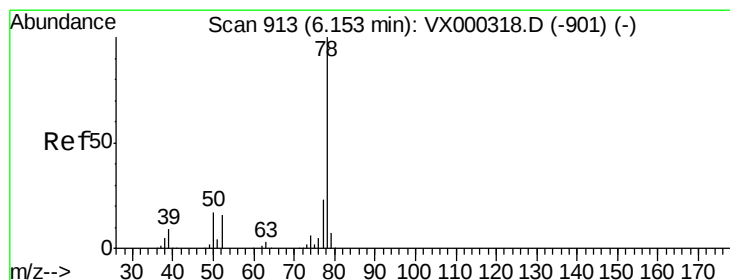
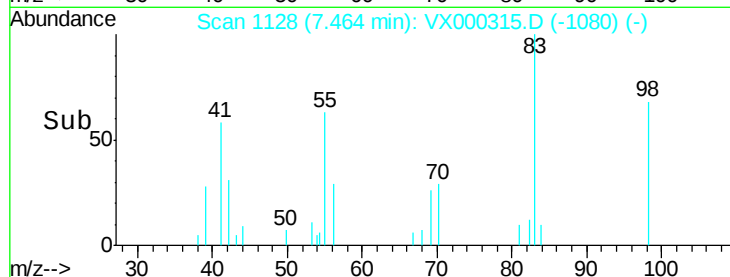
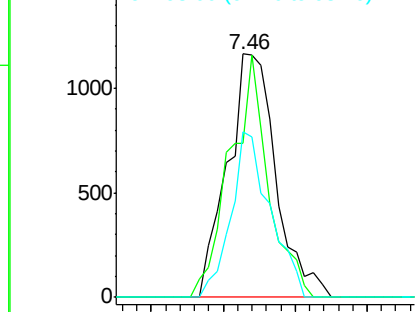
83 100

55 63.3 55.5 83.3

98 68.2 38.2 57.4#



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



#40

Benzene

Concen: 1.21 ug/l

RT: 6.15 min Scan# 912

Delta R.T. -0.01 min

Lab File: VX000315.D

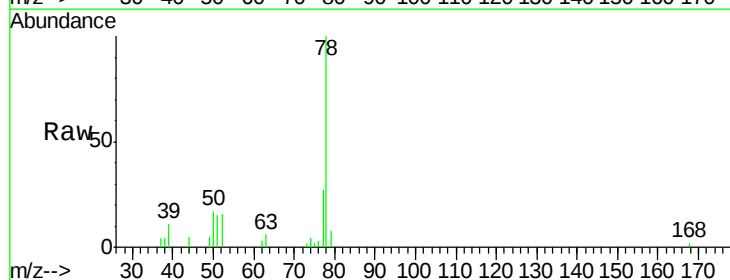
Acq: 14 Mar 2018 16:00

Tgt Ion: 78 Resp: 7019

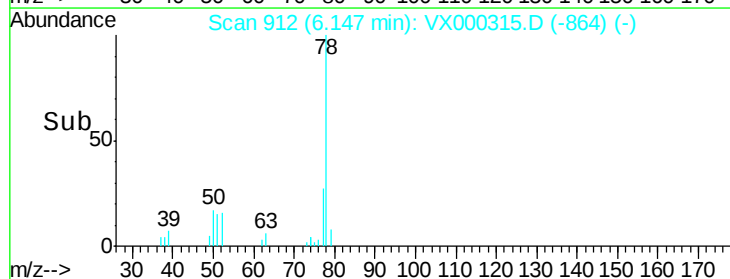
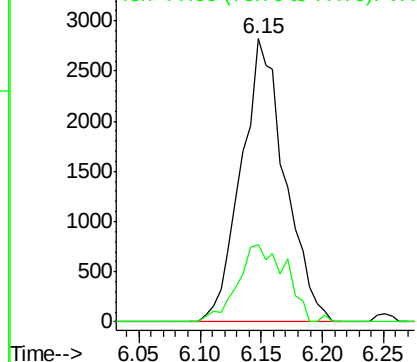
Ion Ratio Lower Upper

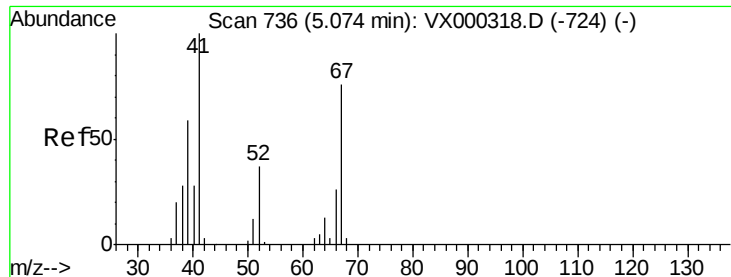
78 100

77 27.4 18.7 28.1



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





#41

Methacrylonitrile

Concen: 1.21 ug/l

RT: 5.07 min Scan# 736

Delta R.T. 0.00 min

Lab File: VX000315.D

Acq: 14 Mar 2018 16:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 41 Resp: 1813

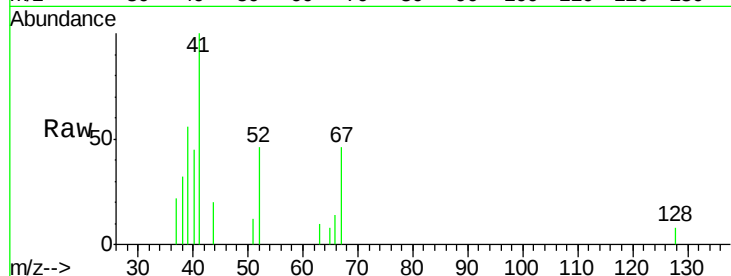
Ion Ratio Lower Upper

41 100

39 72.7 45.7 68.5#

67 58.8 57.8 86.8

52 28.5 26.7 40.1

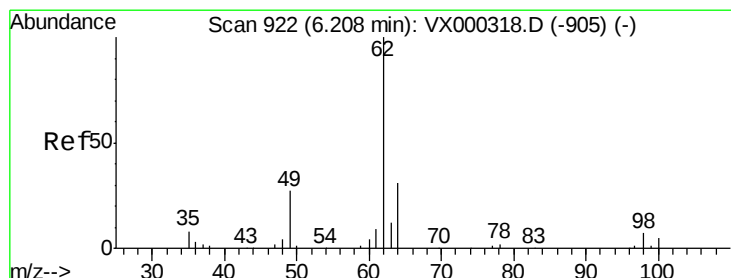
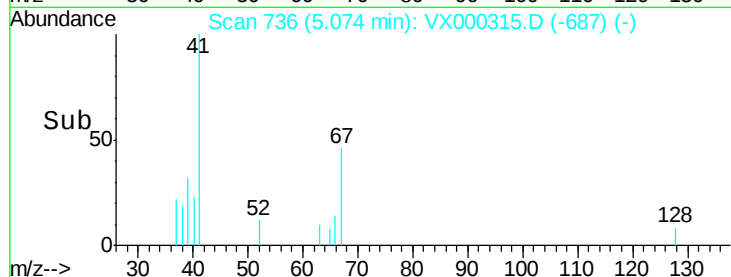
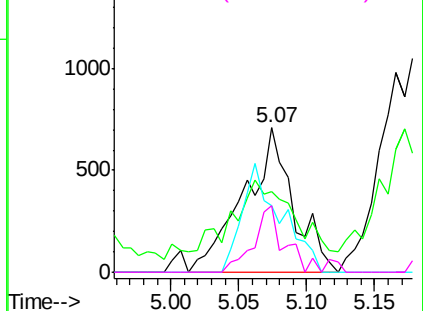


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 1.34 ug/l

RT: 6.21 min Scan# 923

Delta R.T. 0.01 min

Lab File: VX000315.D

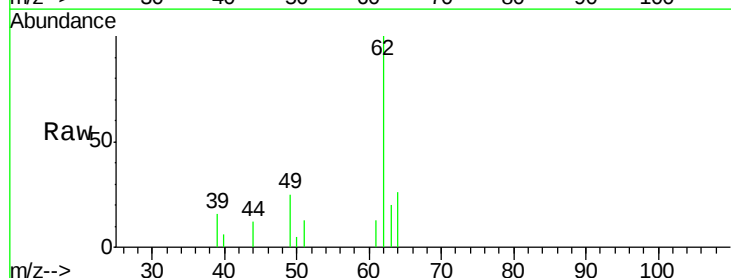
Acq: 14 Mar 2018 16:00

Tgt Ion: 62 Resp: 2826

Ion Ratio Lower Upper

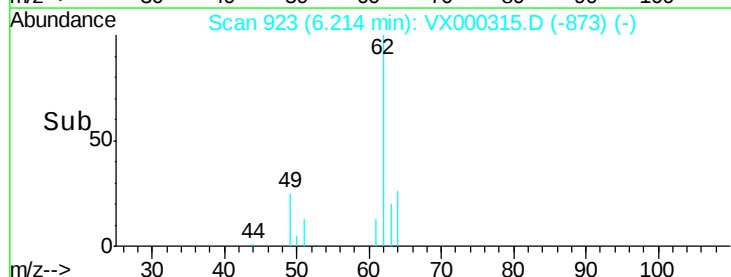
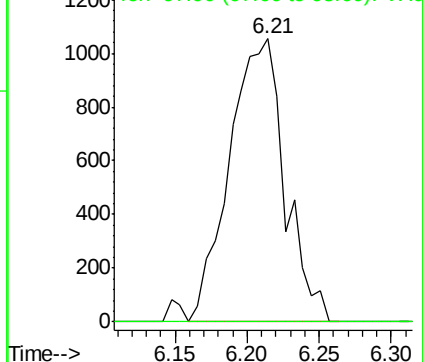
62 100

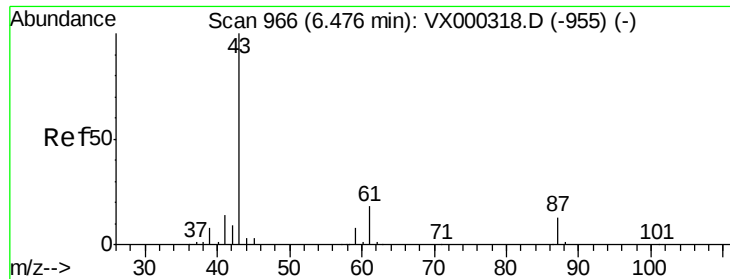
98 0.0 0.0 15.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 0.94 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX000315.D

Acq: 14 Mar 2018 16:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

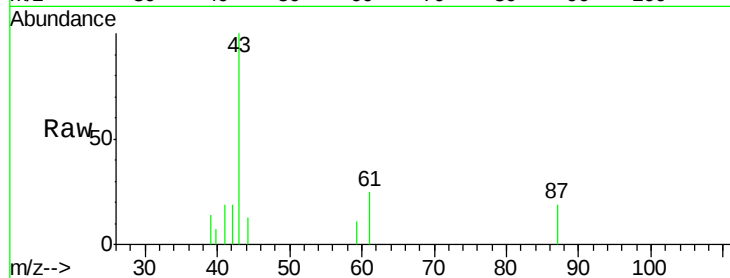
Tgt Ion: 43 Resp: 3979

Ion Ratio Lower Upper

43 100

61 22.8 14.4 21.6#

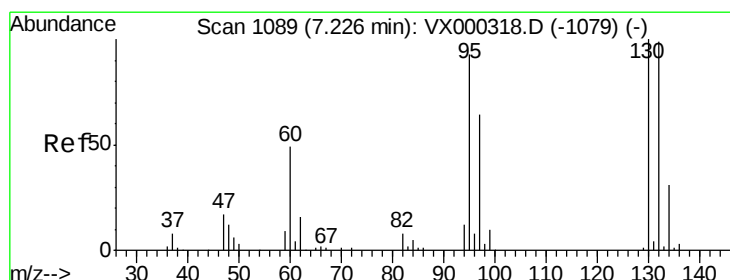
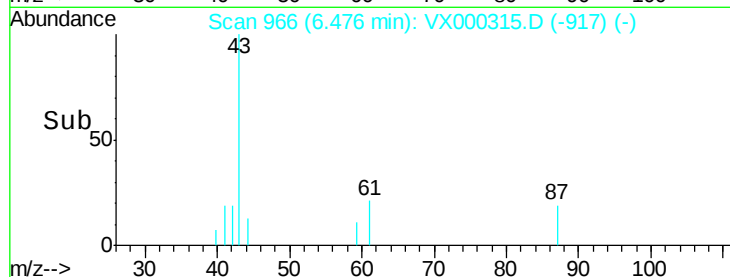
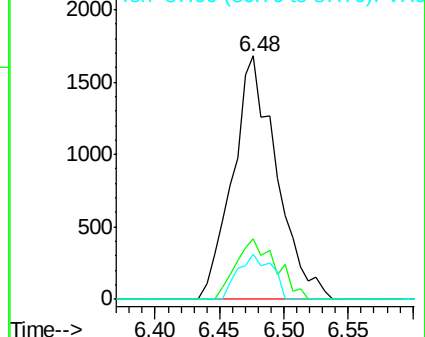
87 14.2 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 1.13 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.01 min

Lab File: VX000315.D

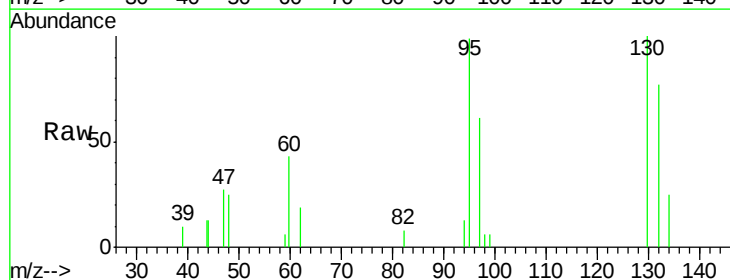
Acq: 14 Mar 2018 16:00

Tgt Ion: 130 Resp: 2074

Ion Ratio Lower Upper

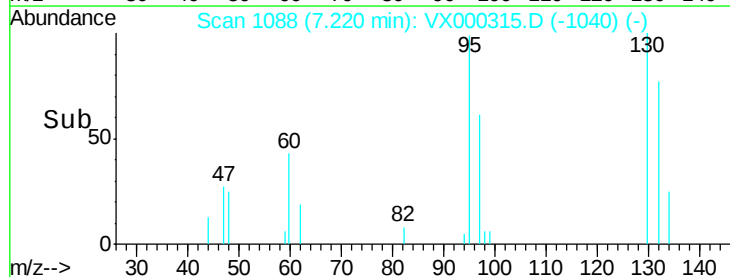
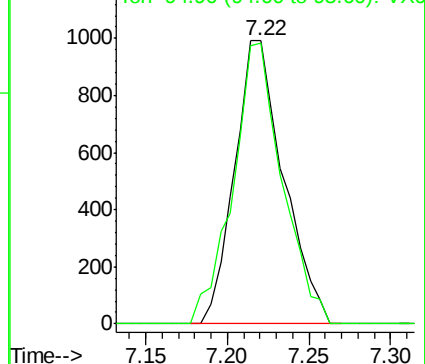
130 100

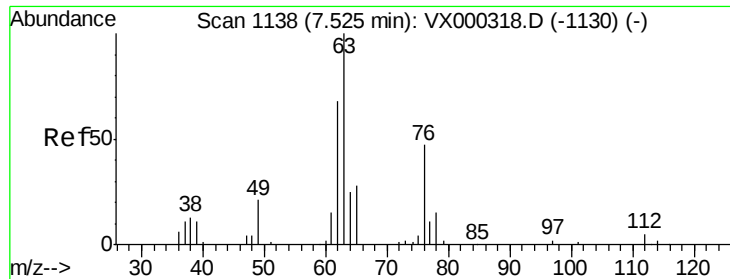
95 99.0 0.0 186.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

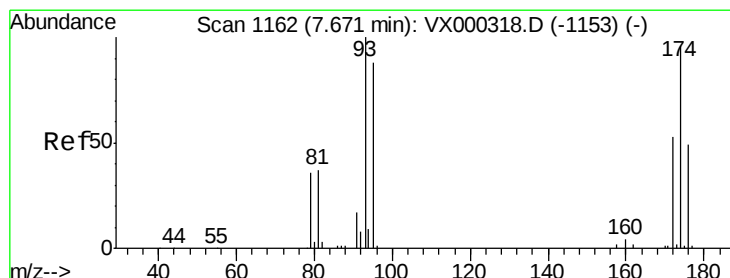
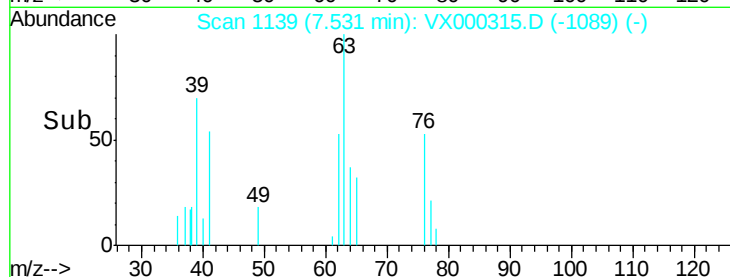
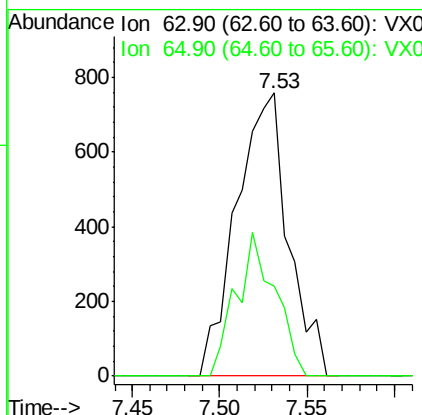
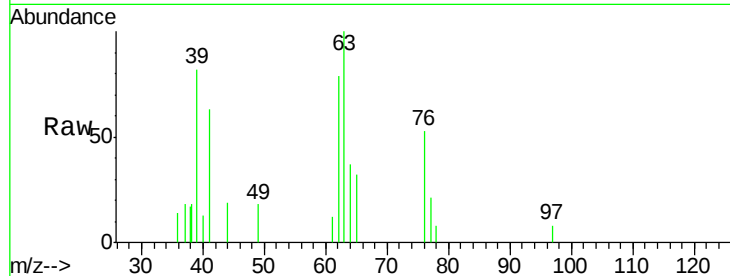




#45
 1,2-Dichloropropane
 Concen: 1.05 ug/l
 RT: 7.53 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VX000315.D
 Acq: 14 Mar 2018 16:00

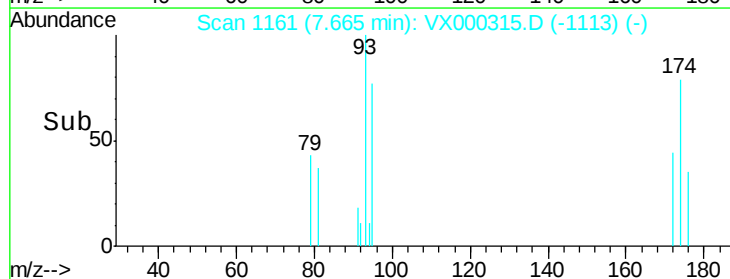
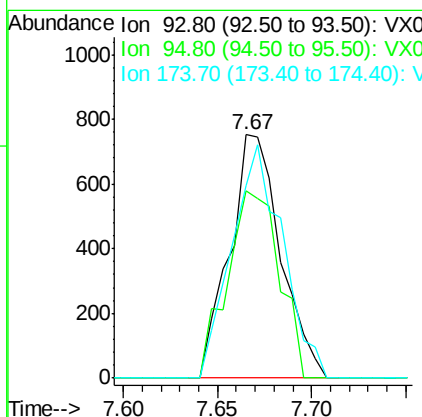
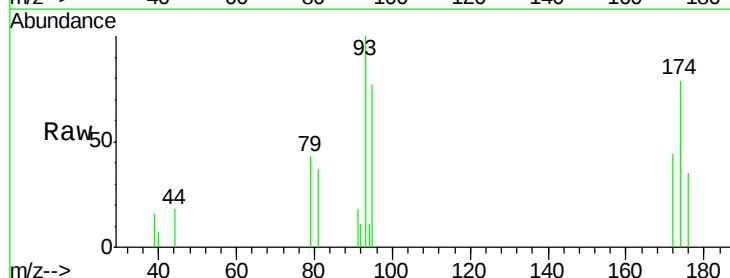
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

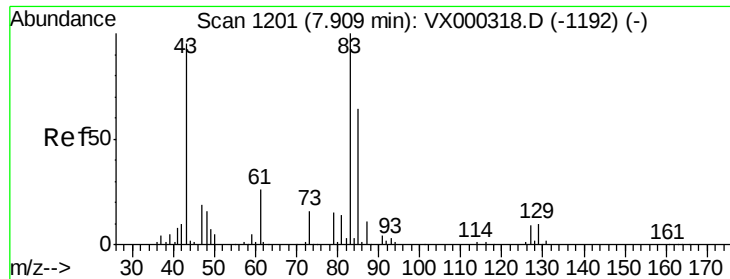
Tgt Ion: 63 Resp: 1572
 Ion Ratio Lower Upper
 63 100
 65 31.9 24.6 36.8



#46
 Dibromomethane
 Concen: 1.26 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: VX000315.D
 Acq: 14 Mar 2018 16:00

Tgt Ion: 93 Resp: 1411
 Ion Ratio Lower Upper
 93 100
 95 78.0 66.5 99.7
 174 95.7 76.0 114.0





#47

Bromodichloromethane

Concen: 0.98 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX000315.D

Acq: 14 Mar 2018 16:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

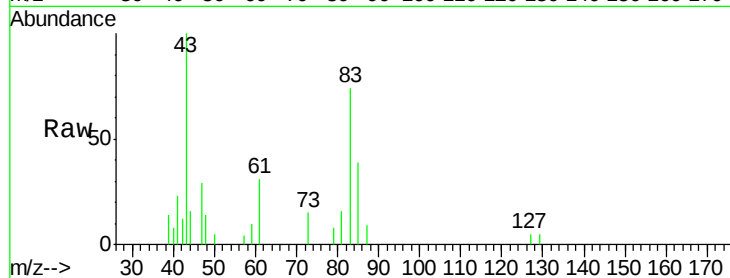
Tgt Ion: 83 Resp: 2071

Ion Ratio Lower Upper

83 100

85 52.7 51.4 77.0

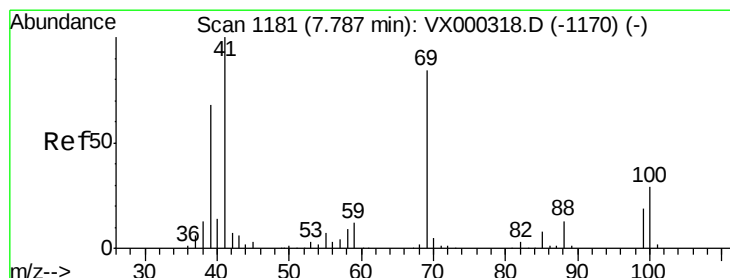
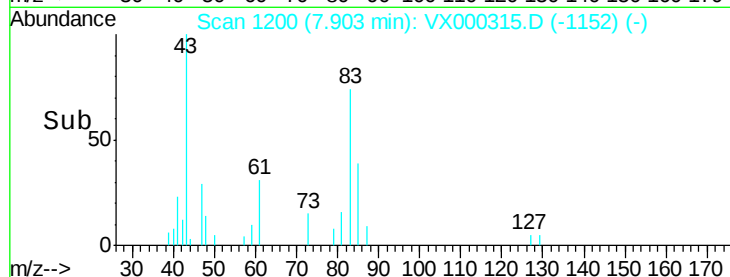
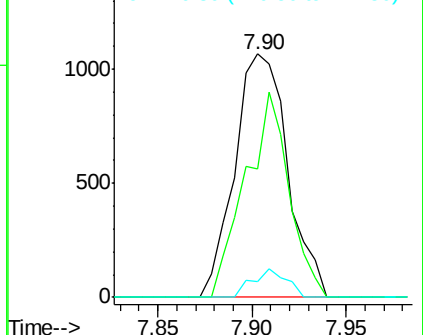
127 6.6 7.0 10.6#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 1.03 ug/l

RT: 7.79 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VX000315.D

Acq: 14 Mar 2018 16:00

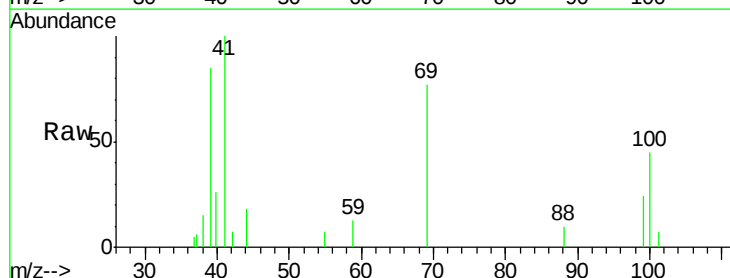
Tgt Ion: 41 Resp: 2174

Ion Ratio Lower Upper

41 100

69 78.8 68.2 102.4

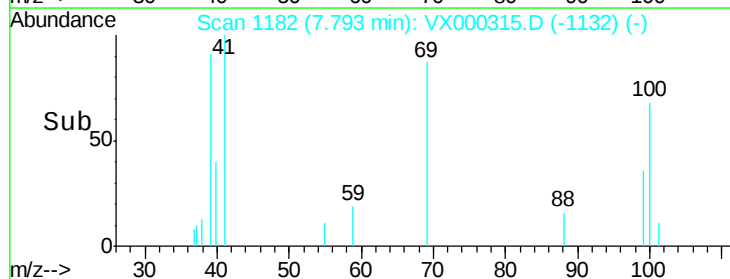
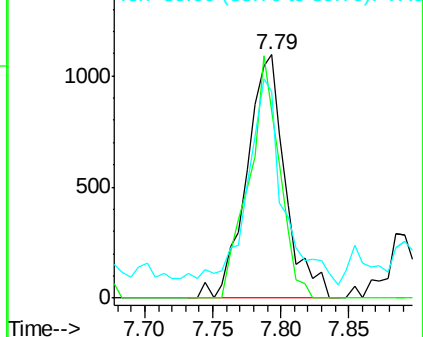
39 79.4 54.6 81.8

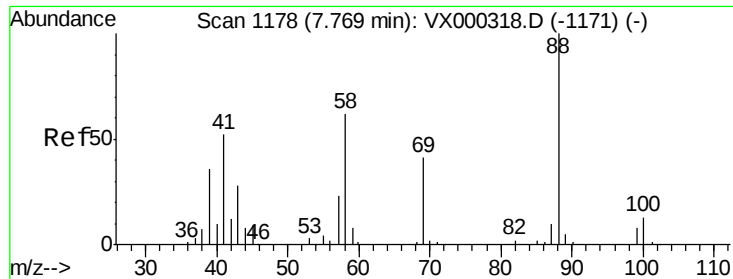


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

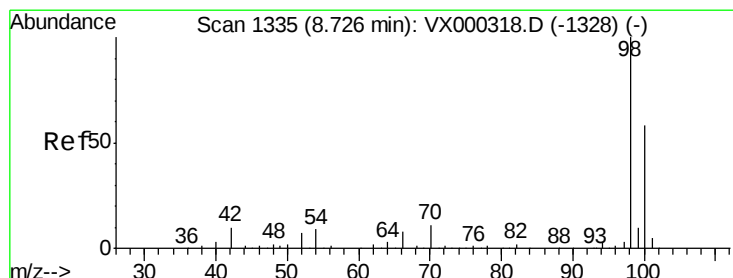
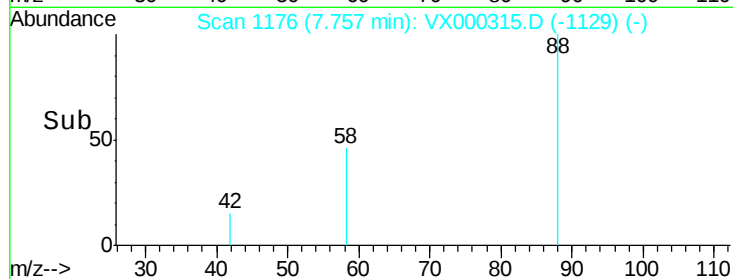
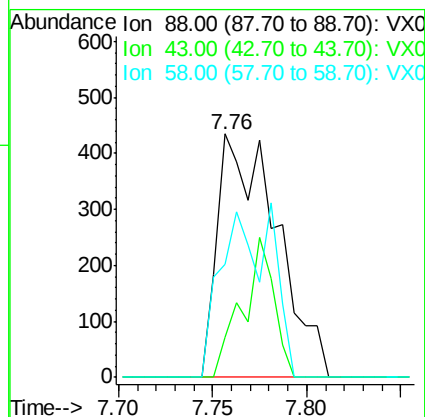
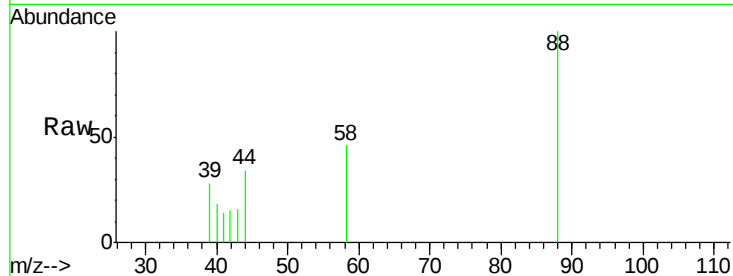




#49
1,4-Dioxane
Concen: 17.84 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.01 min
Lab File: VX000315.D
Acq: 14 Mar 2018 16:00

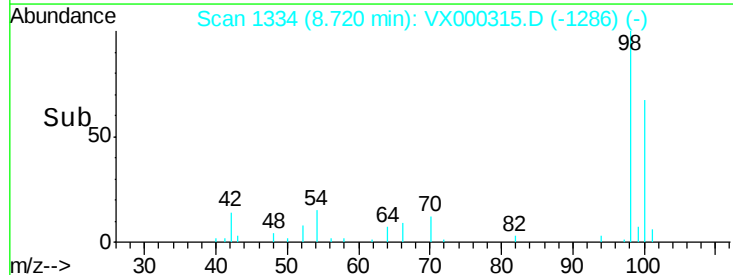
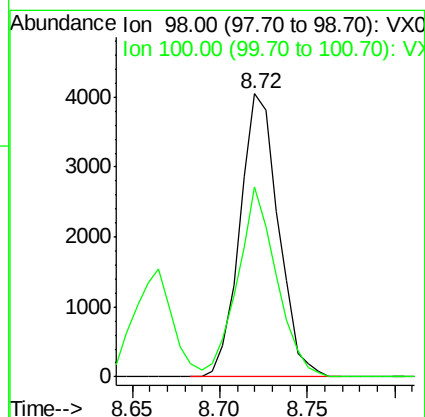
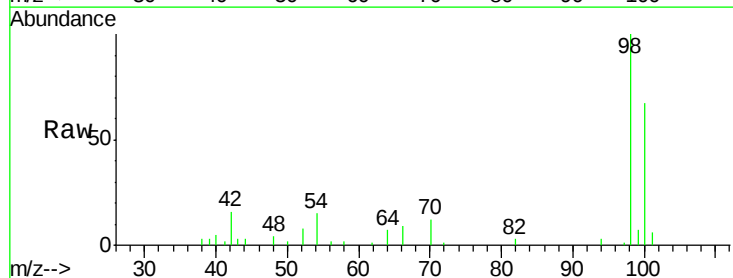
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

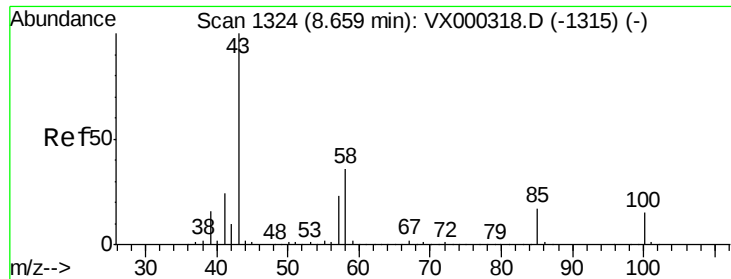
Tgt Ion: 88 Resp: 946
Ion Ratio Lower Upper
88 100
43 0.0 26.8 40.2#
58 0.0 52.2 78.2#



#50
Toluene-d8
Concen: 1.10 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.01 min
Lab File: VX000315.D
Acq: 14 Mar 2018 16:00

Tgt Ion: 98 Resp: 6194
Ion Ratio Lower Upper
98 100
100 67.7 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 5.10 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX000315.D

Acq: 14 Mar 2018 16:00

Instrument :

MSVOA_X

ClientSampleId :

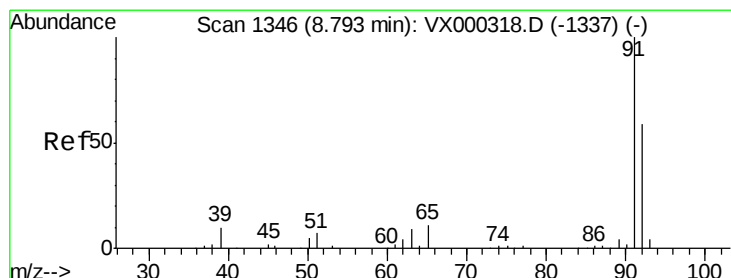
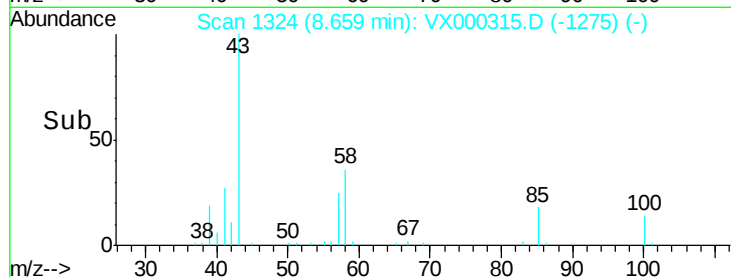
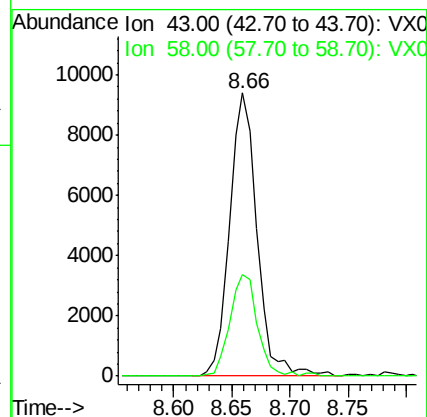
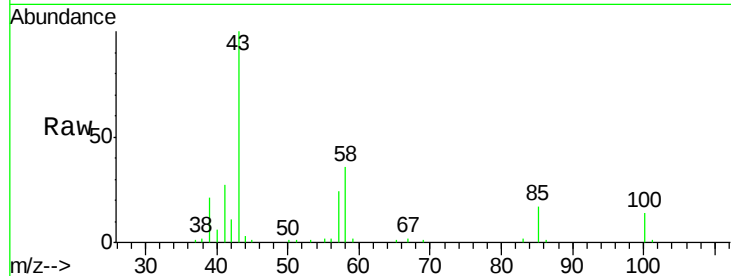
VSTDIC001

Tgt Ion: 43 Resp: 15363

Ion Ratio Lower Upper

43 100

58 36.0 30.3 45.5



#52

Toluene

Concen: 1.16 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000315.D

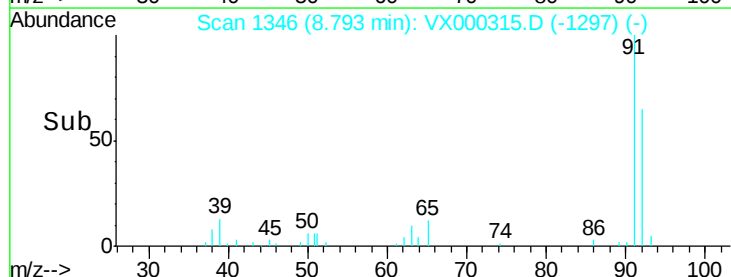
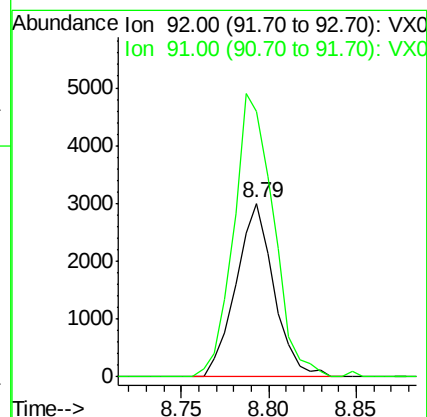
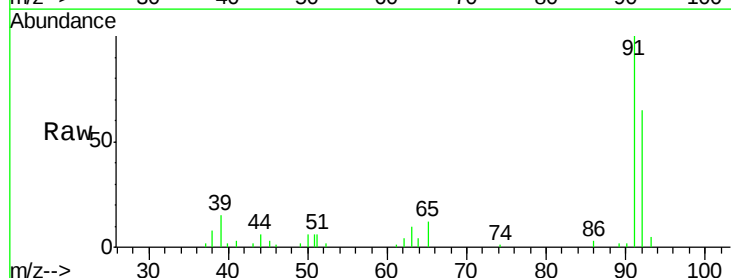
Acq: 14 Mar 2018 16:00

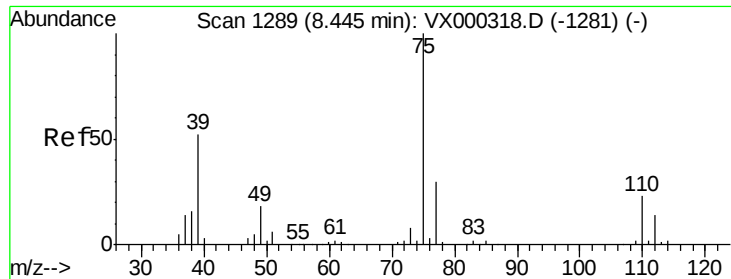
Tgt Ion: 92 Resp: 4523

Ion Ratio Lower Upper

92 100

91 171.4 140.2 210.2





#53

t-1,3-Dichloropropene

Concen: 0.92 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VX000315.D

Acq: 14 Mar 2018 16:00

Instrument :

MSVOA_X

ClientSampleId :

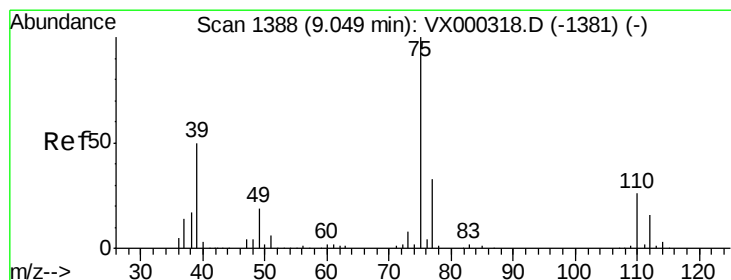
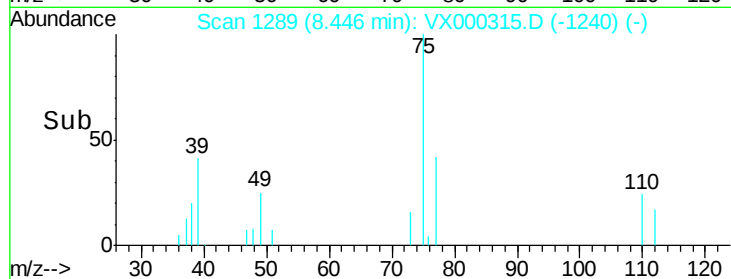
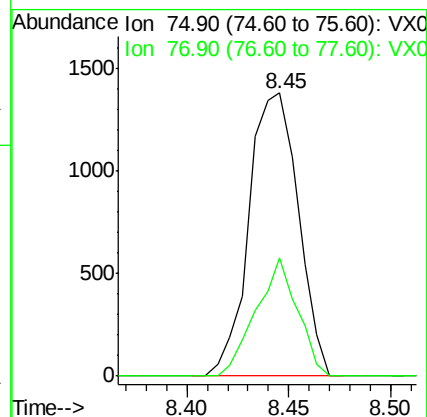
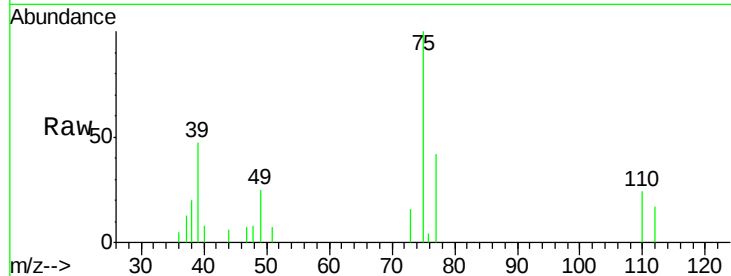
VSTDIC001

Tgt Ion: 75 Resp: 2323

Ion Ratio Lower Upper

75 100

77 41.7 24.0 36.0#



#54

cis-1,3-Dichloropropene

Concen: 0.85 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX000315.D

Acq: 14 Mar 2018 16:00

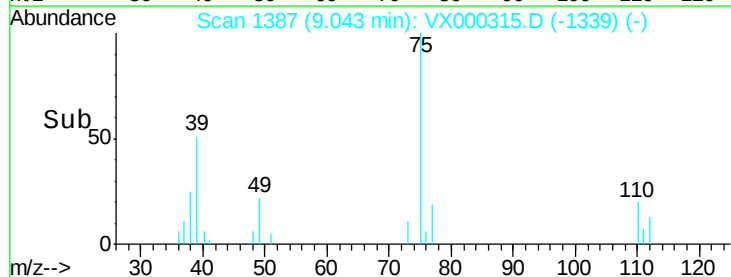
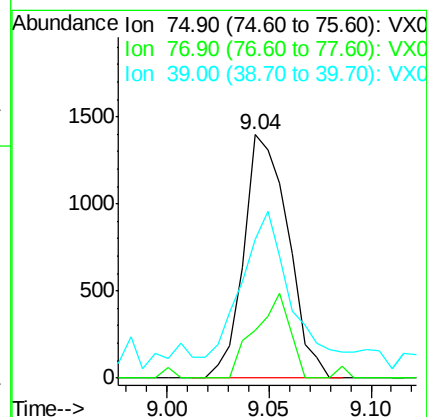
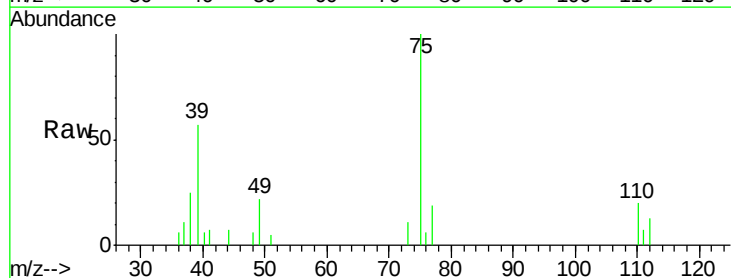
Tgt Ion: 75 Resp: 2107

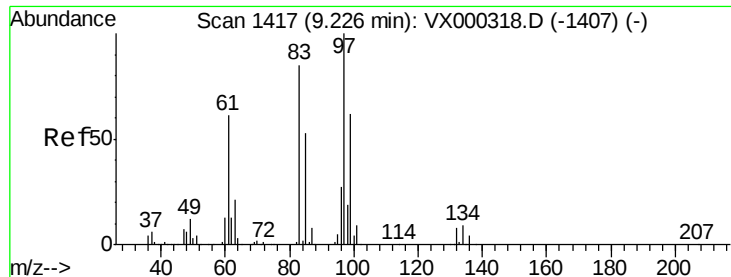
Ion Ratio Lower Upper

75 100

77 19.4 26.1 39.1#

39 48.4 39.8 59.6

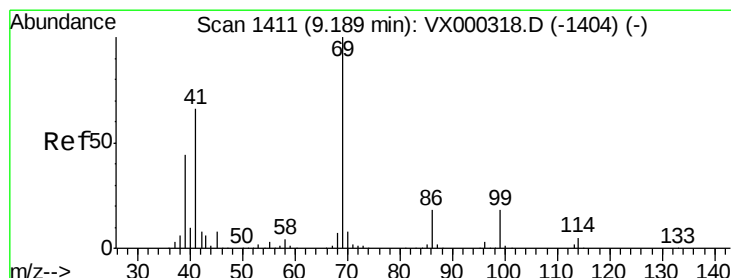
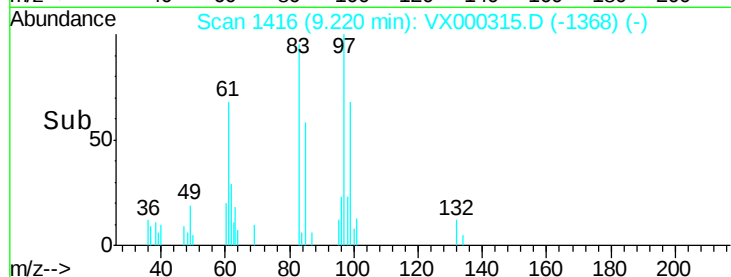
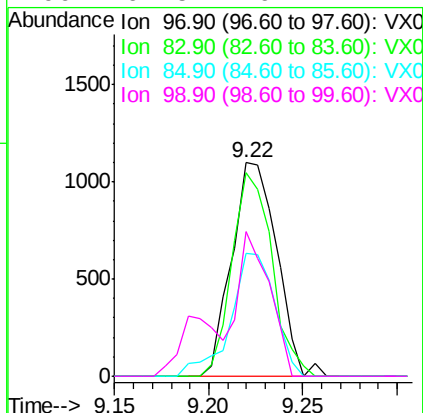
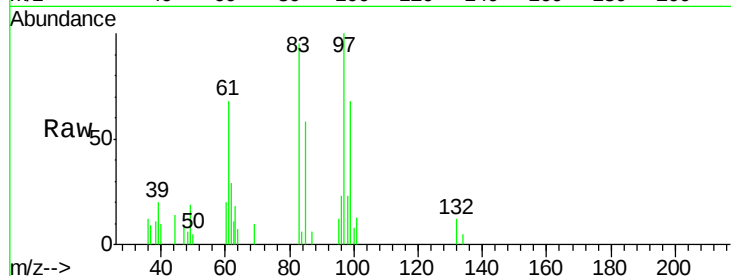




#55
 1,1,2-Trichloroethane
 Concen: 1.13 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: VX000315.D
 Acq: 14 Mar 2018 16:00

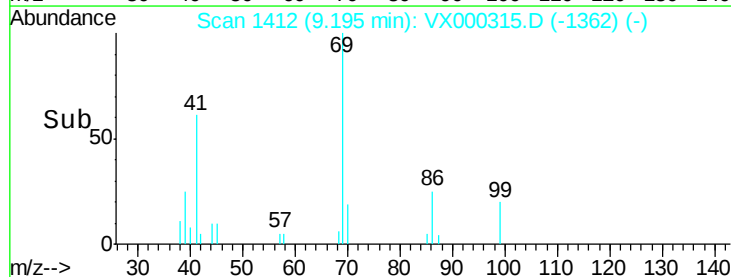
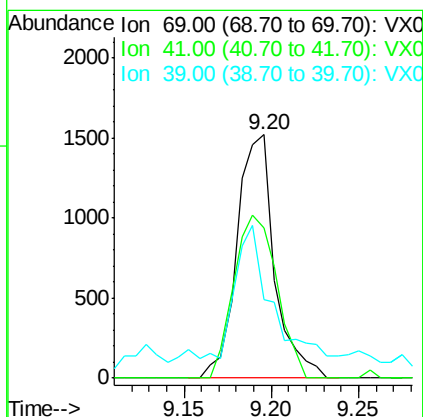
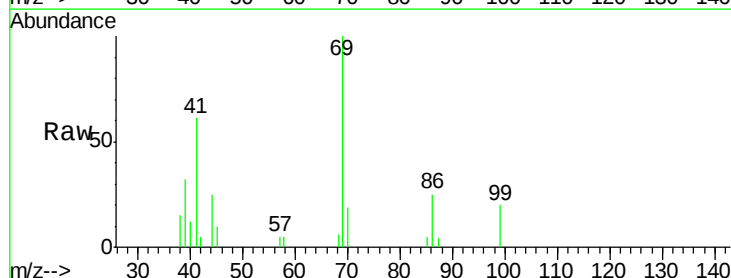
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

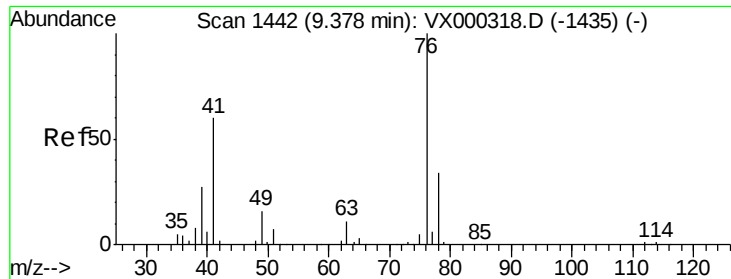
Tgt Ion:	97	Resp:	1823
Ion	Ratio	Lower	Upper
97	100		
83	95.3	67.9	101.9
85	57.8	42.8	64.2
99	67.5	49.4	74.2



#56
 Ethyl methacrylate
 Concen: 0.88 ug/l
 RT: 9.20 min Scan# 1412
 Delta R.T. 0.01 min
 Lab File: VX000315.D
 Acq: 14 Mar 2018 16:00

Tgt Ion:	69	Resp:	2263
Ion	Ratio	Lower	Upper
69	100		
41	76.7	53.0	79.6
39	50.0	35.3	52.9

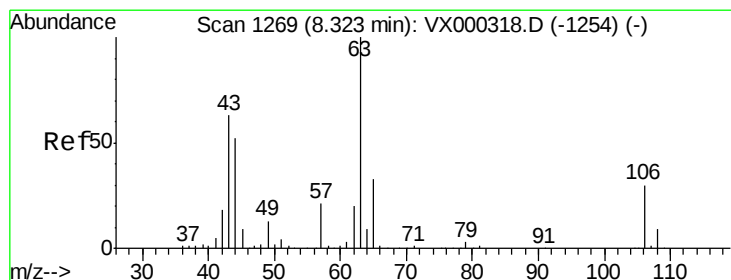
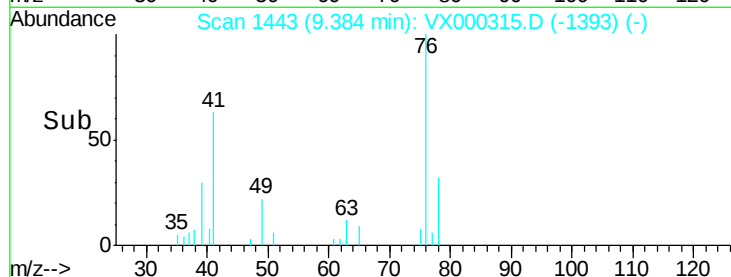
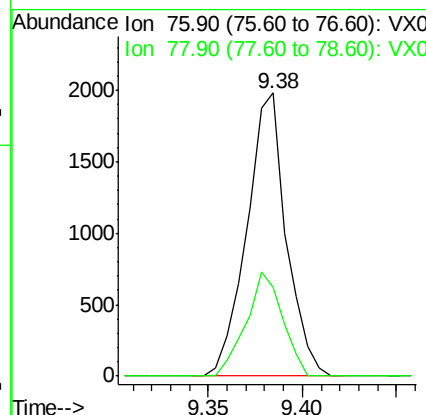
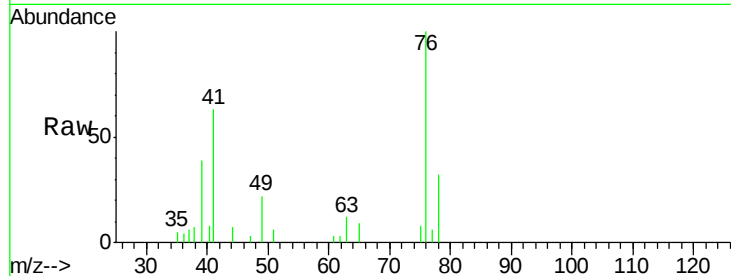




#57
 1,3-Dichloropropane
 Concen: 1.12 ug/l
 RT: 9.38 min Scan# 1443
 Delta R.T. 0.01 min
 Lab File: VX000315.D
 Acq: 14 Mar 2018 16:00

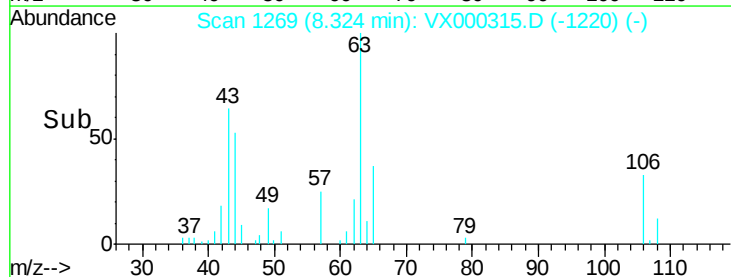
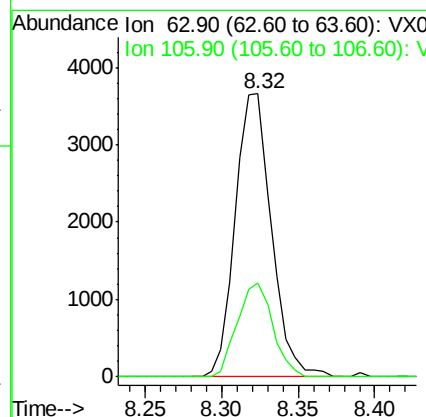
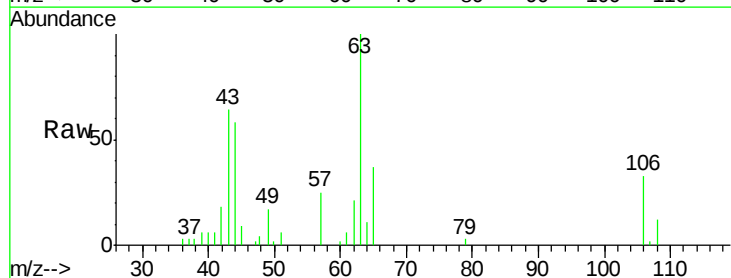
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

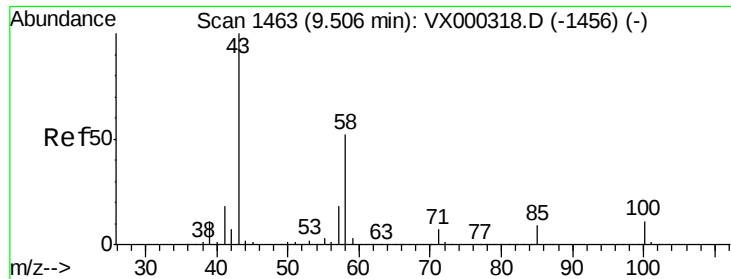
Tgt Ion: 76 Resp: 2871
 Ion Ratio Lower Upper
 76 100
 78 34.1 26.4 39.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 4.99 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VX000315.D
 Acq: 14 Mar 2018 16:00

Tgt Ion: 63 Resp: 5997
 Ion Ratio Lower Upper
 63 100
 106 32.5 23.2 34.8

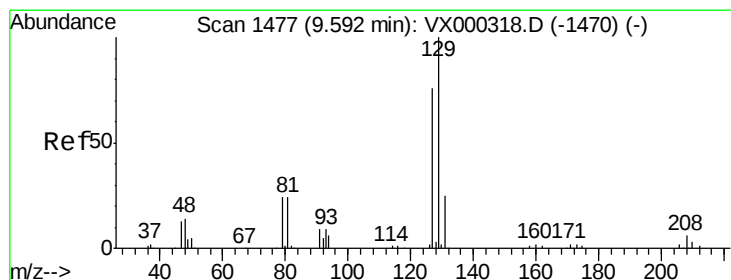
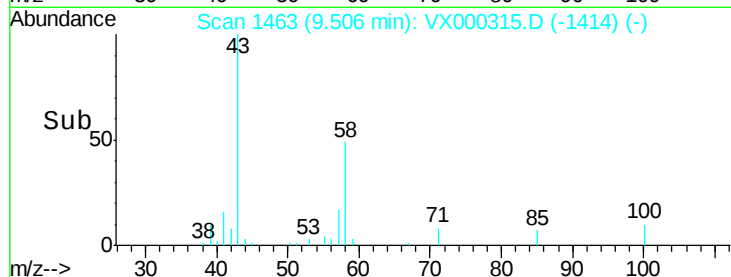
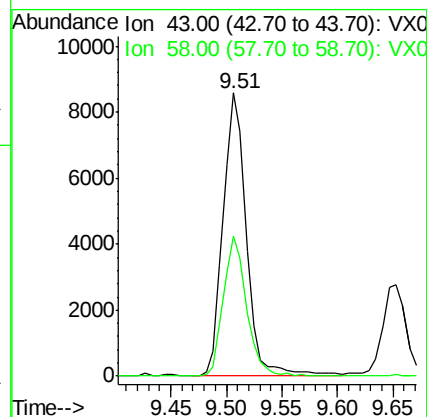
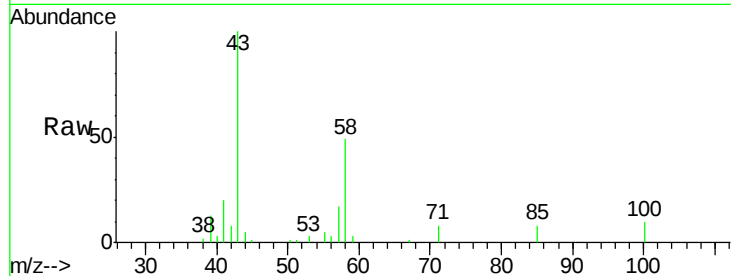




#59
2-Hexanone
Concen: 4.84 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX000315.D
Acq: 14 Mar 2018 16:00

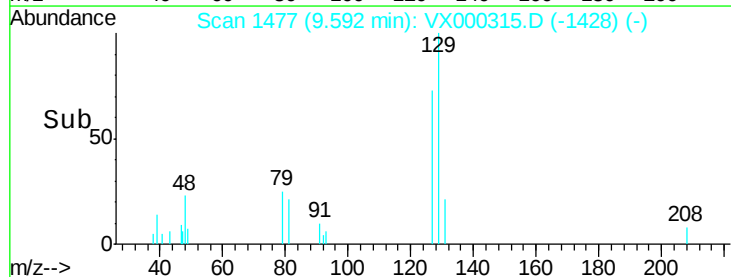
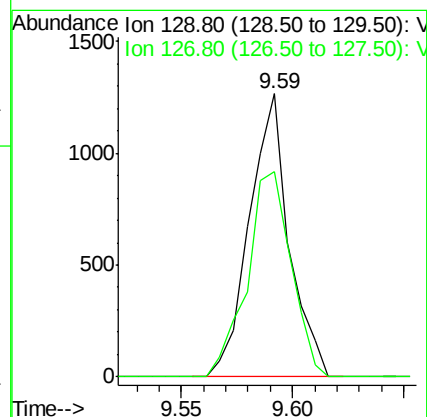
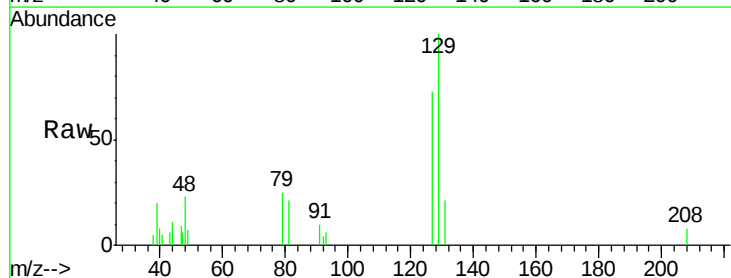
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

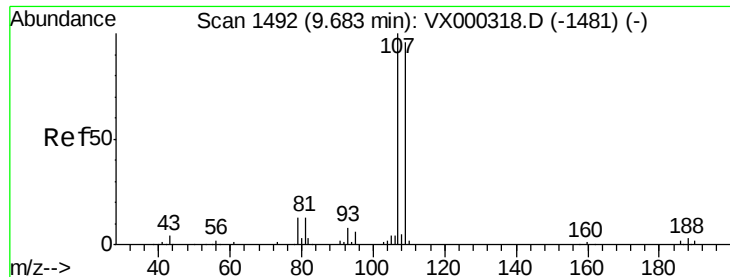
Tgt Ion: 43 Resp: 12528
Ion Ratio Lower Upper
43 100
58 48.7 26.6 79.7



#60
Dibromochloromethane
Concen: 0.83 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000315.D
Acq: 14 Mar 2018 16:00

Tgt Ion: 129 Resp: 1572
Ion Ratio Lower Upper
129 100
127 80.4 37.9 113.6





#61

1,2-Dibromoethane

Concen: 1.07 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX000315.D

Acq: 14 Mar 2018 16:00

Instrument :

MSVOA_X

ClientSampleId :

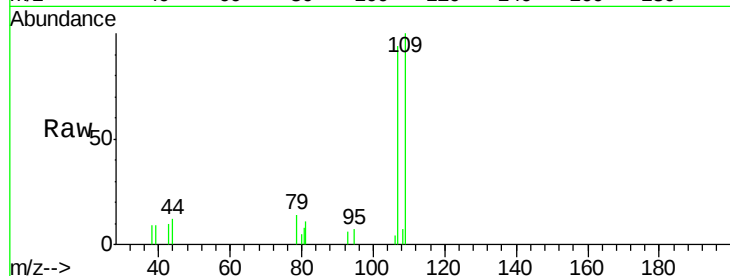
VSTDIC001

Tgt Ion: 107 Resp: 1899

Ion Ratio Lower Upper

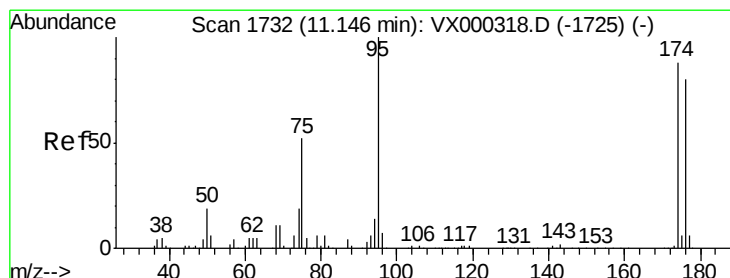
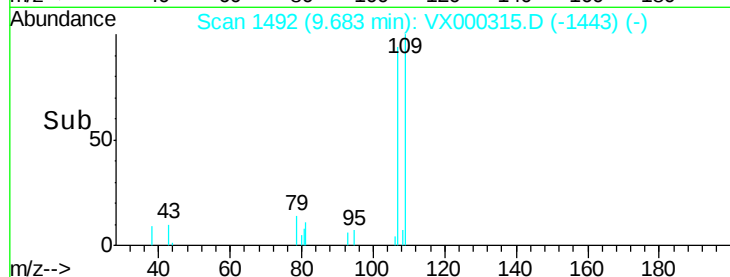
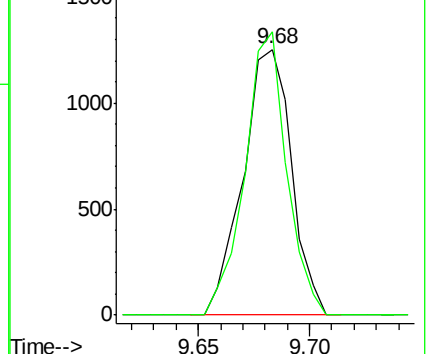
107 100

109 92.3 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 1.13 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000315.D

Acq: 14 Mar 2018 16:00

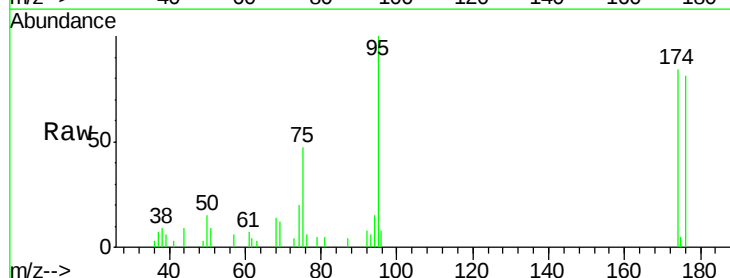
Tgt Ion: 95 Resp: 2674

Ion Ratio Lower Upper

95 100

174 87.6 0.0 173.6

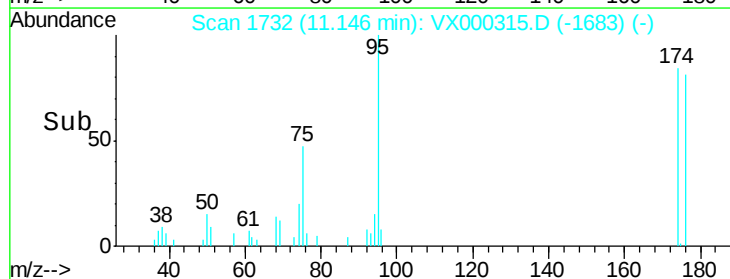
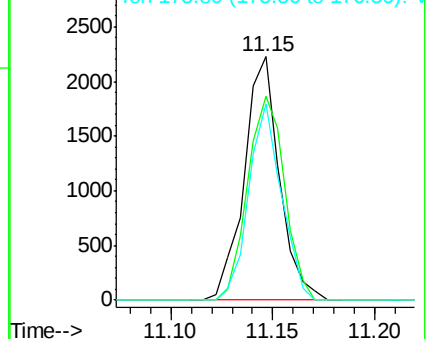
176 75.1 0.0 164.6

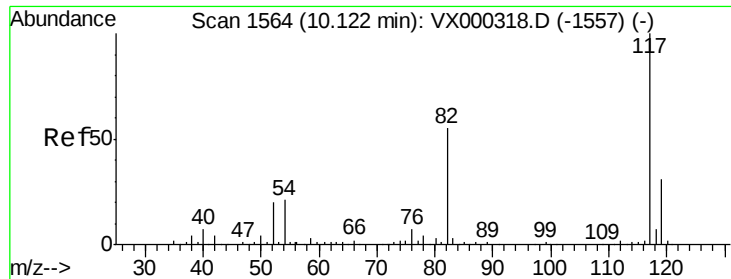


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

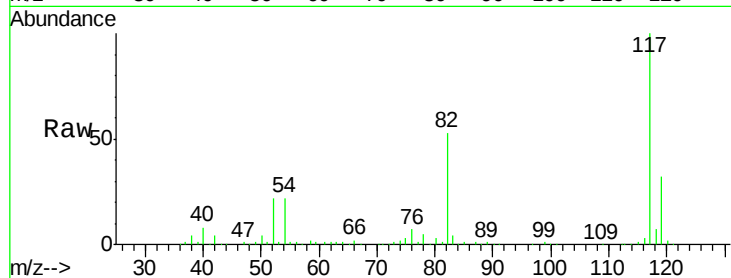




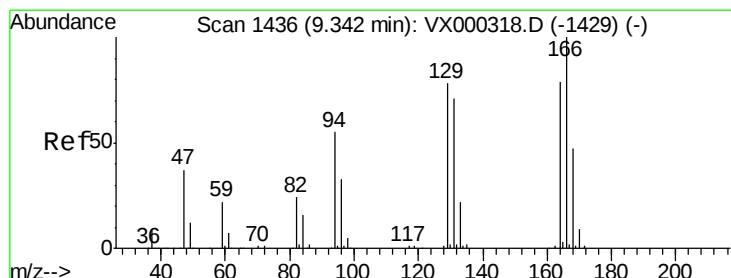
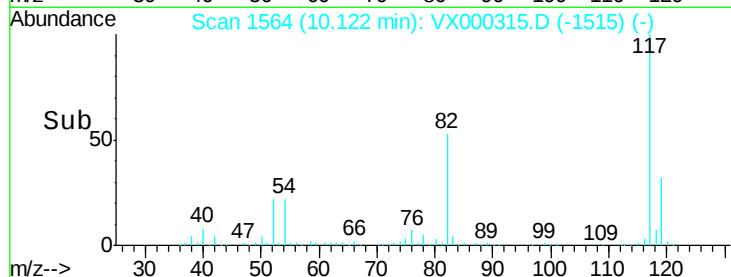
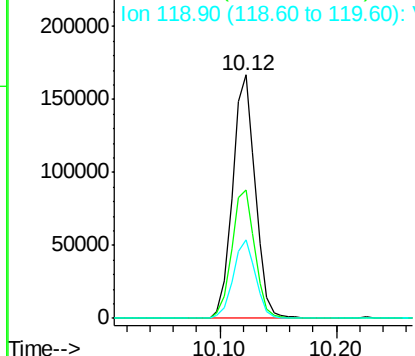
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000315.D
Acq: 14 Mar 2018 16:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion:117 Resp: 226070
Ion Ratio Lower Upper
117 100
82 52.9 43.8 65.8
119 32.0 24.9 37.3

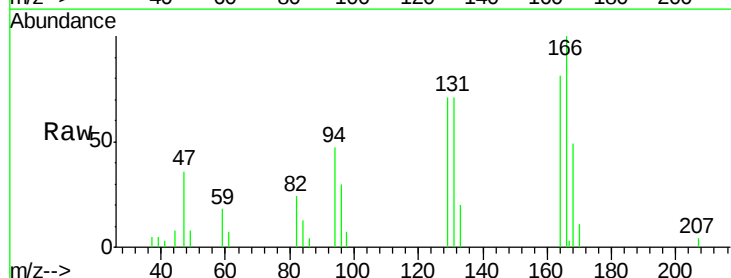


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

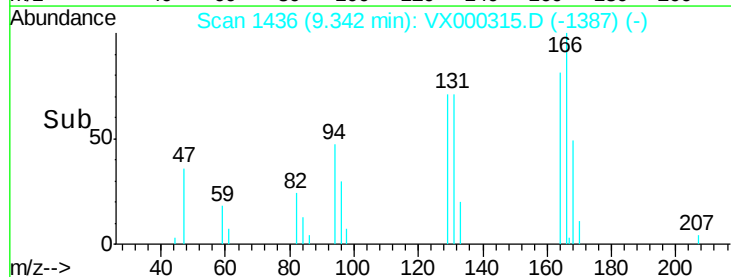
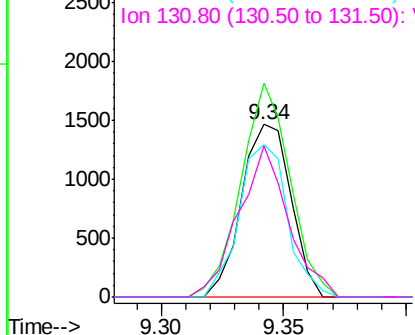


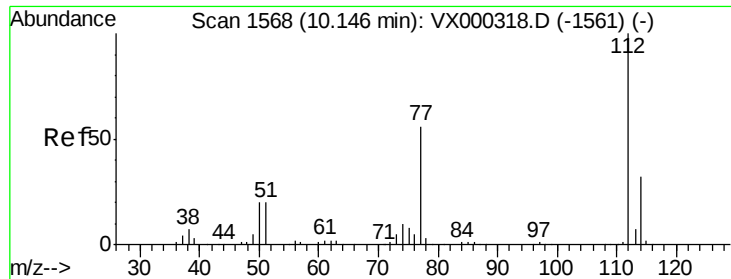
#64
Tetrachloroethene
Concen: 1.08 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000315.D
Acq: 14 Mar 2018 16:00

Tgt Ion:164 Resp: 2059
Ion Ratio Lower Upper
164 100
166 123.7 101.0 151.6
129 88.2 79.0 118.4
131 87.3 71.9 107.9



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





#65

Chlorobenzene

Concen: 1.08 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX000315.D

Acq: 14 Mar 2018 16:00

Instrument :

MSVOA_X

ClientSampleId :

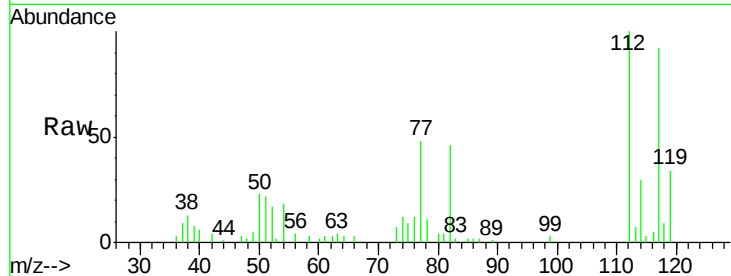
VSTDIC001

Tgt Ion:112 Resp: 5163

Ion Ratio Lower Upper

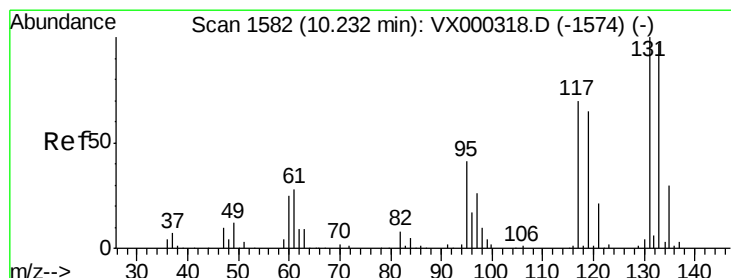
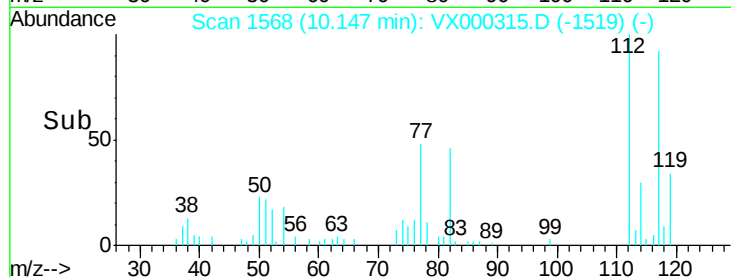
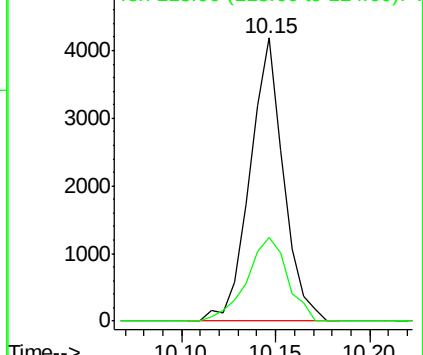
112 100

114 29.7 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 0.87 ug/l

RT: 10.23 min Scan# 1582

Delta R.T. 0.00 min

Lab File: VX000315.D

Acq: 14 Mar 2018 16:00

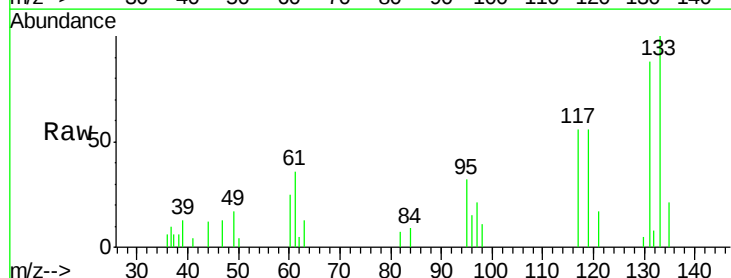
Tgt Ion:131 Resp: 1527

Ion Ratio Lower Upper

131 100

133 109.2 47.1 141.3

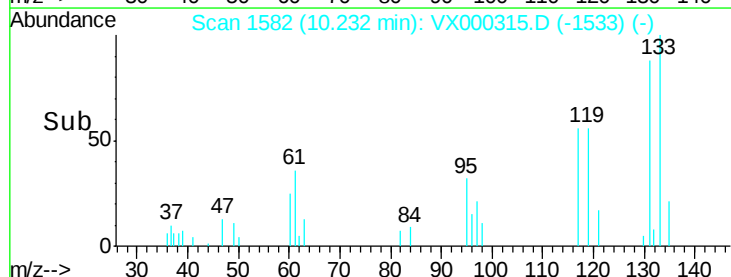
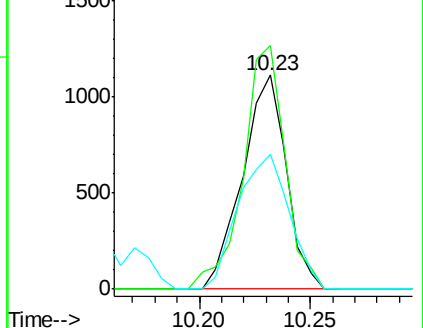
119 0.0 33.1 99.2#

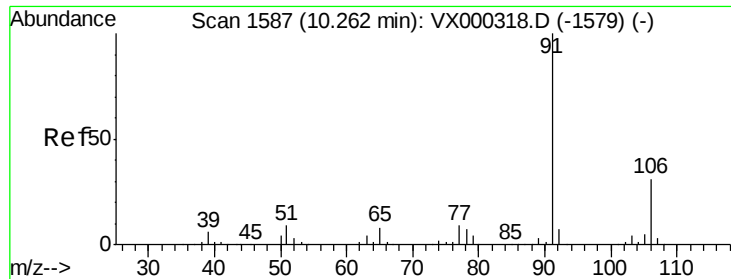


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

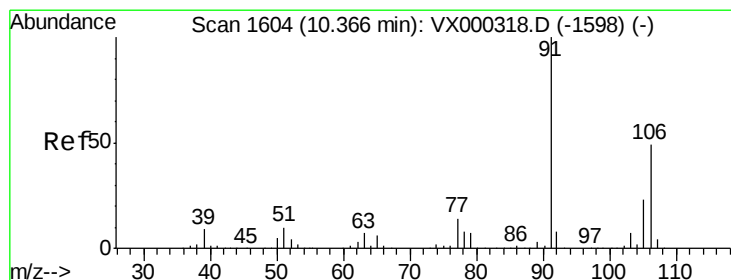
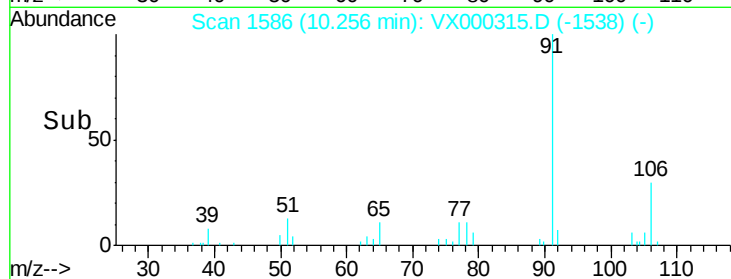
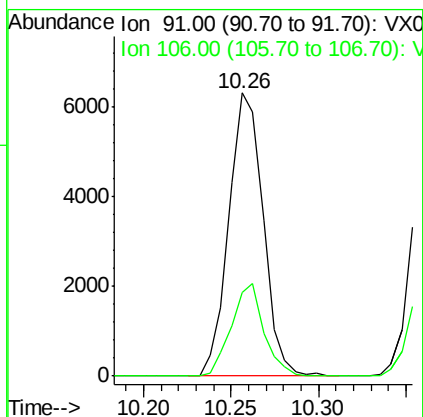
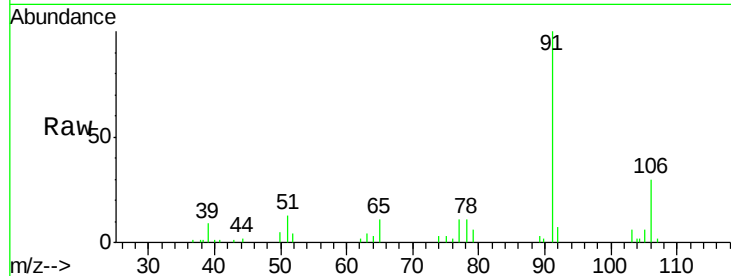




#67
Ethyl Benzene
Concen: 1.09 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.01 min
Lab File: VX000315.D
Acq: 14 Mar 2018 16:00

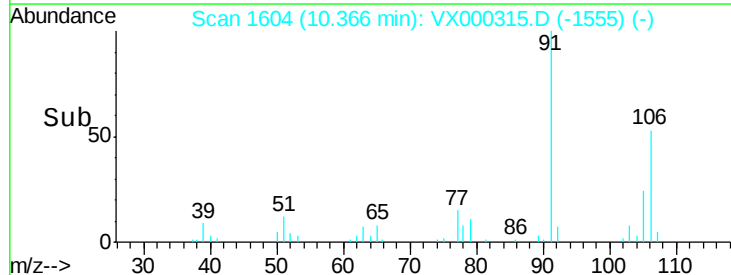
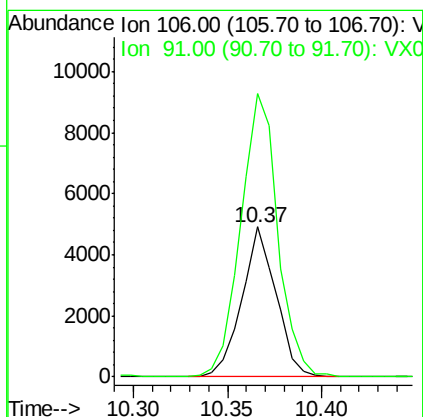
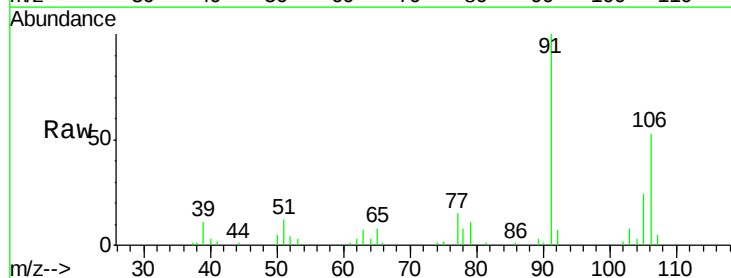
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

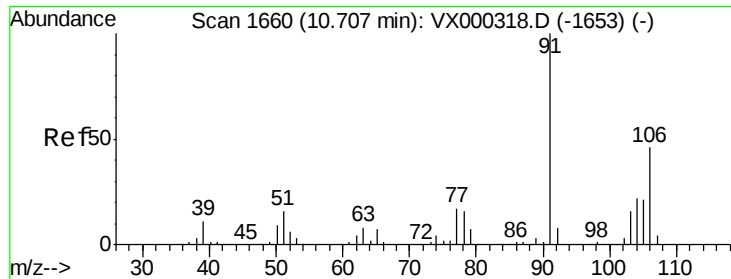
Tgt Ion: 91 Resp: 8620
Ion Ratio Lower Upper
91 100
106 29.7 25.0 37.6



#68
m/p-Xylenes
Concen: 1.98 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000315.D
Acq: 14 Mar 2018 16:00

Tgt Ion: 106 Resp: 6185
Ion Ratio Lower Upper
106 100
91 204.5 163.4 245.2

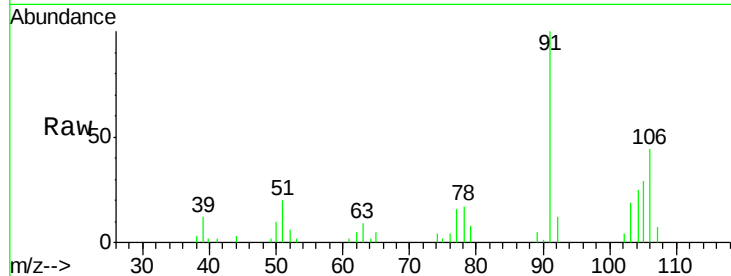




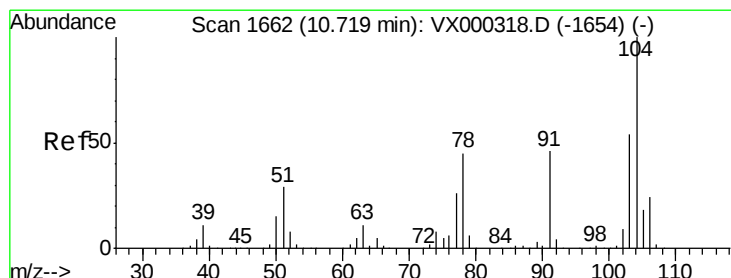
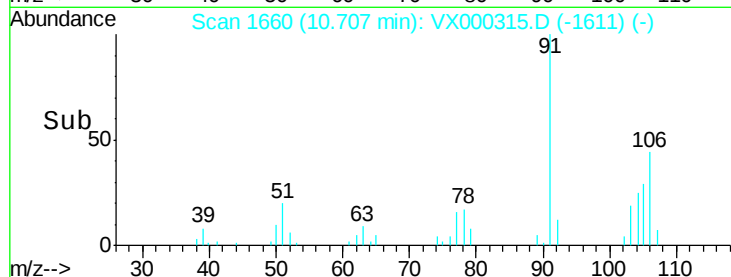
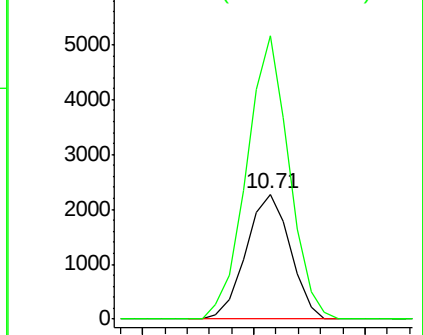
#69
o-Xylene
Concen: 1.04 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000315.D
Acq: 14 Mar 2018 16:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion:106 Resp: 3141
Ion Ratio Lower Upper
106 100
91 217.3 106.5 319.6

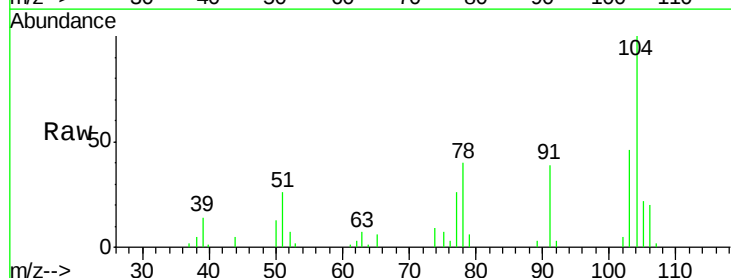


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

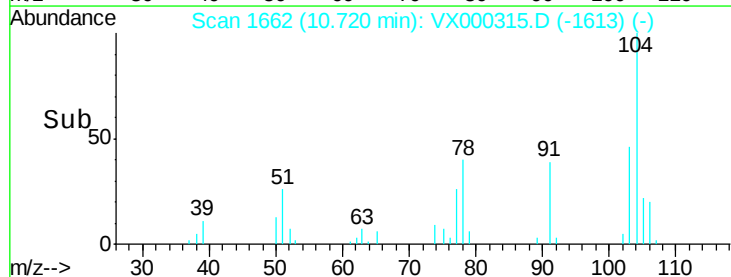
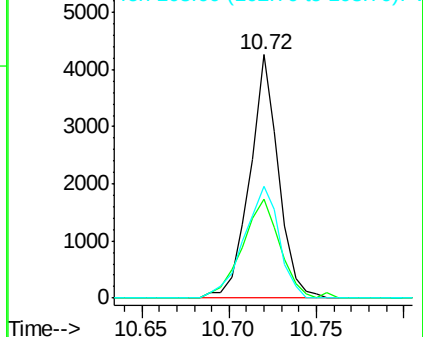


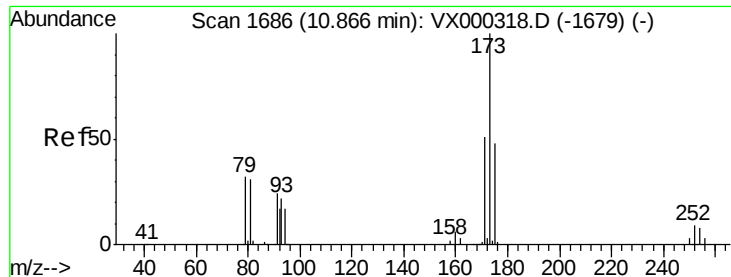
#70
Styrene
Concen: 0.96 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000315.D
Acq: 14 Mar 2018 16:00

Tgt Ion:104 Resp: 4847
Ion Ratio Lower Upper
104 100
78 53.1 40.5 60.7
103 56.5 45.7 68.5



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





#71

Bromoform

Concen: 0.61 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000315.D

Acq: 14 Mar 2018 16:00

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

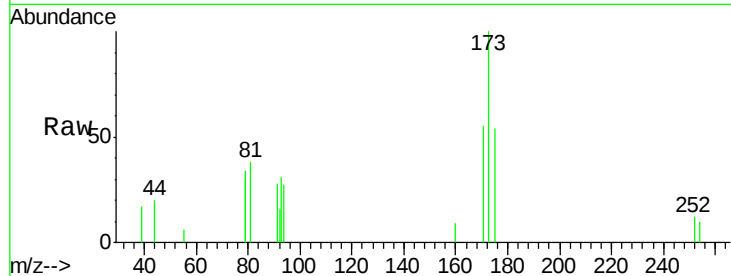
Tgt Ion:173 Resp: 1121

Ion Ratio Lower Upper

173 100

175 53.9 25.4 76.4

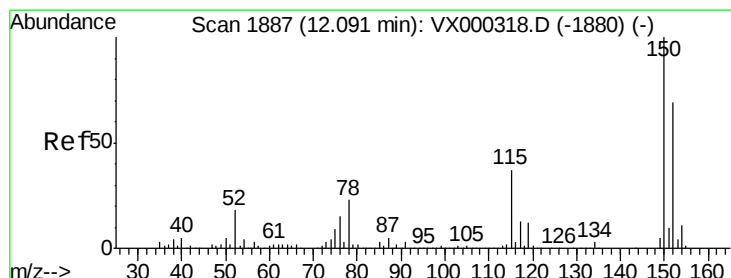
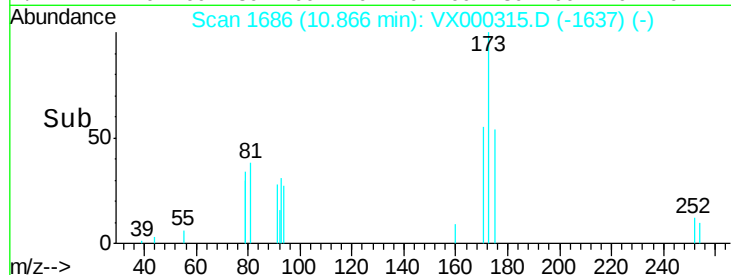
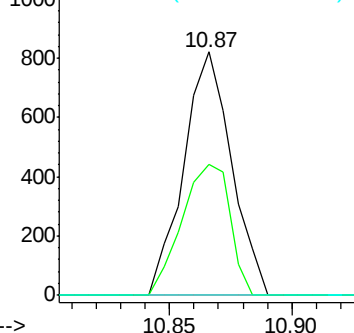
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.01 min

Lab File: VX000315.D

Acq: 14 Mar 2018 16:00

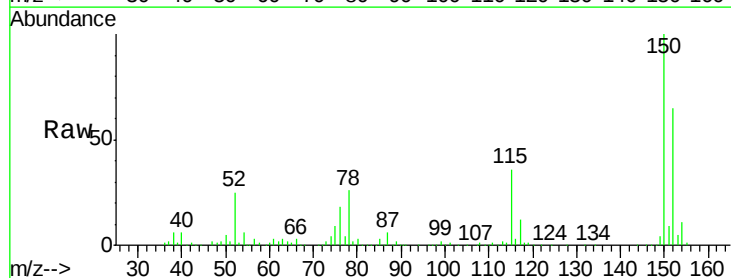
Tgt Ion:152 Resp: 122625

Ion Ratio Lower Upper

152 100

115 57.0 39.8 119.3

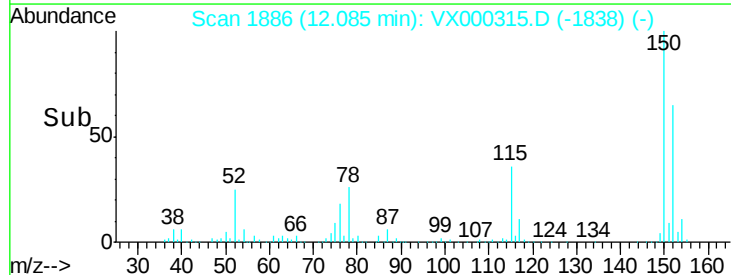
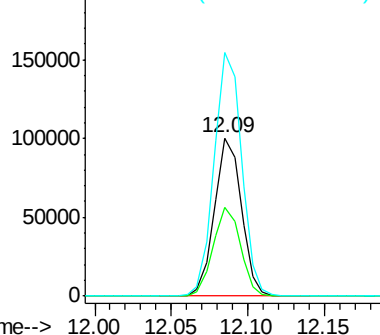
150 157.9 0.0 344.4

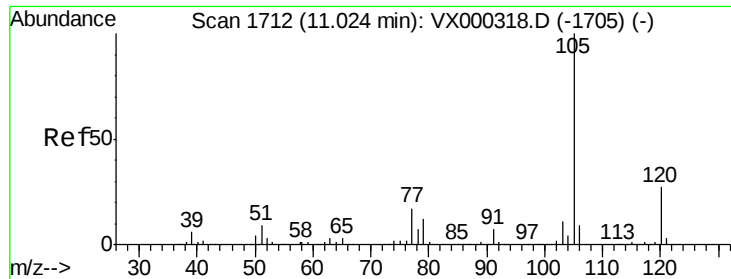


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 1.11 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX000315.D

Acq: 14 Mar 2018 16:00

Instrument :

MSVOA_X

ClientSampleId :

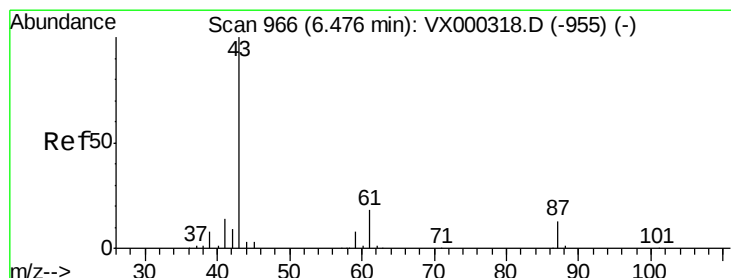
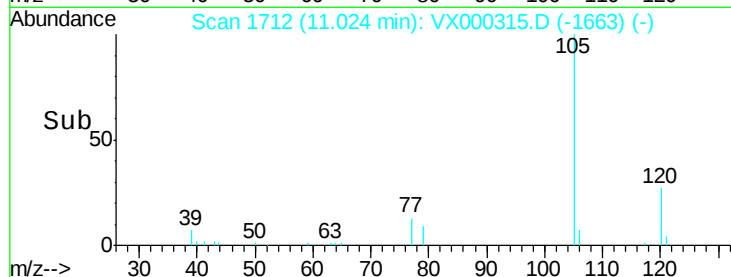
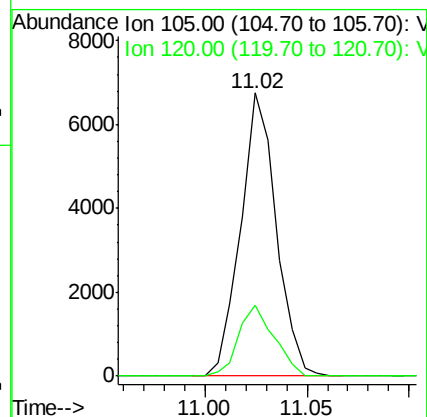
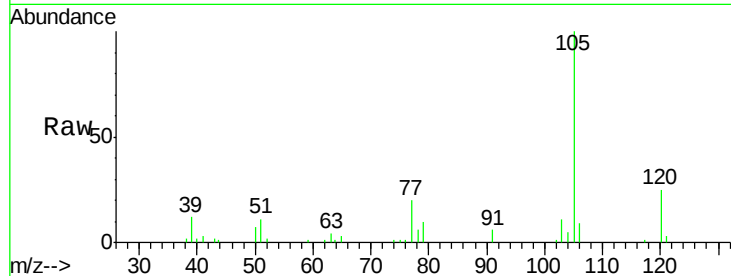
VSTDIC001

Tgt Ion: 105 Resp: 8174

Ion Ratio Lower Upper

105 100

120 24.9 13.6 40.7



#74

N-ethyl acetate

Concen: 1.02 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX000315.D

Acq: 14 Mar 2018 16:00

Tgt Ion: 43 Resp: 3979

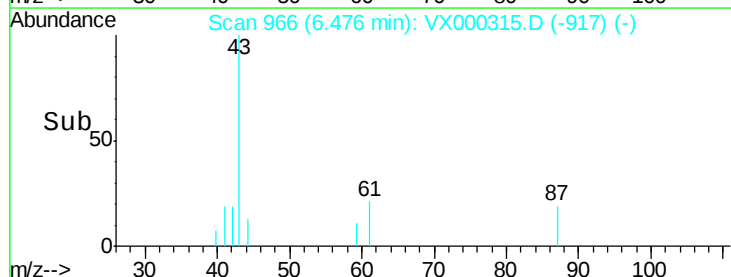
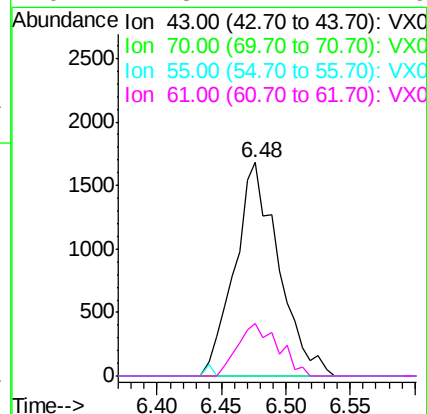
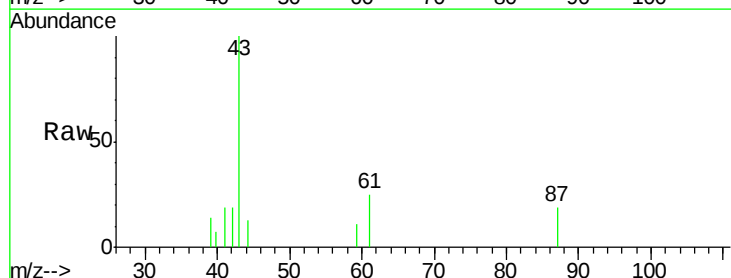
Ion Ratio Lower Upper

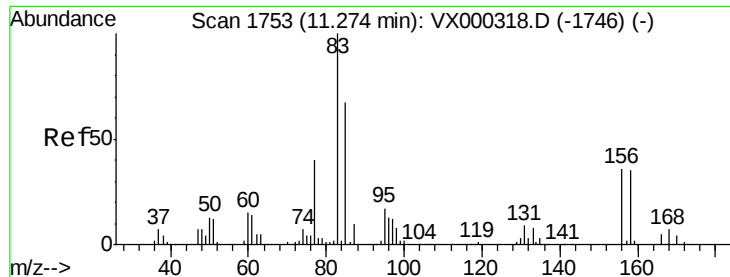
43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 22.8 14.4 21.6#





#75

1,1,2,2-Tetrachloroethane

Concen: 1.12 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX000315.D

Acq: 14 Mar 2018 16:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

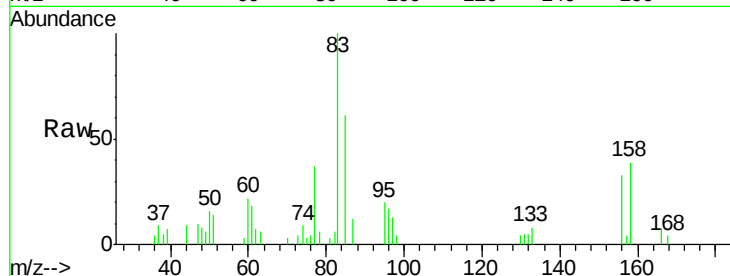
Tgt Ion: 83 Resp: 2919

Ion Ratio Lower Upper

83 100

131 8.4 5.0 14.9

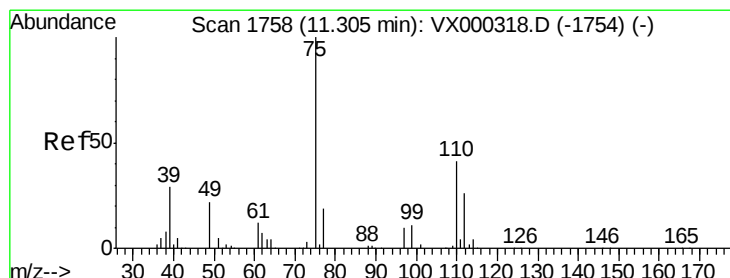
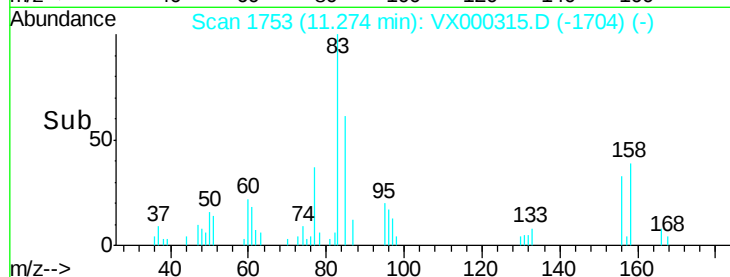
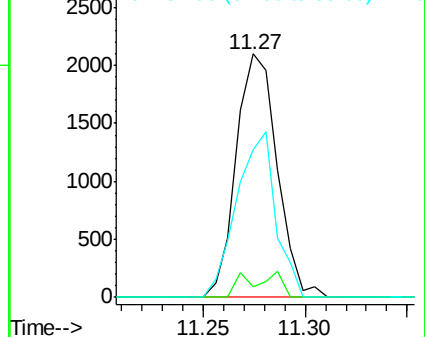
85 64.6 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 1.16 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX000315.D

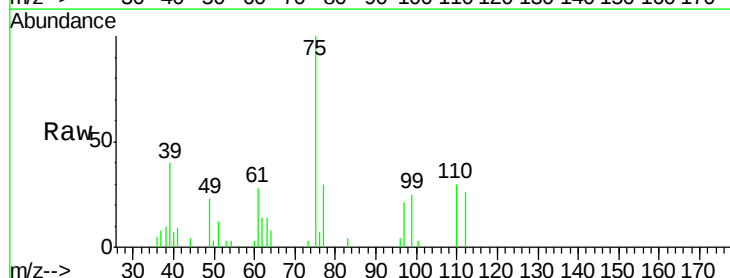
Acq: 14 Mar 2018 16:00

Tgt Ion: 75 Resp: 3645

Ion Ratio Lower Upper

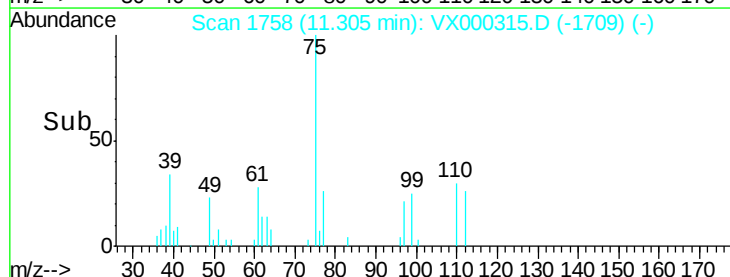
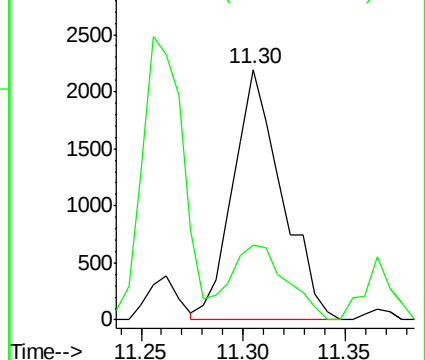
75 100

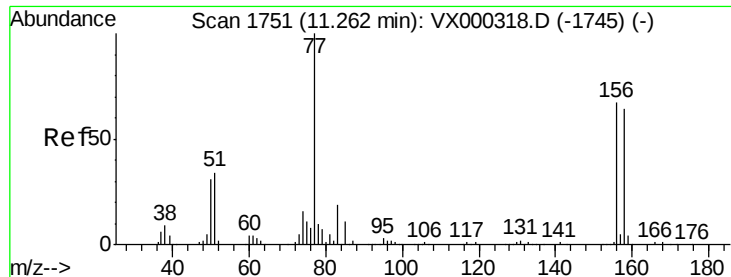
77 32.5 21.4 64.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 1.06 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000315.D

Acq: 14 Mar 2018 16:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

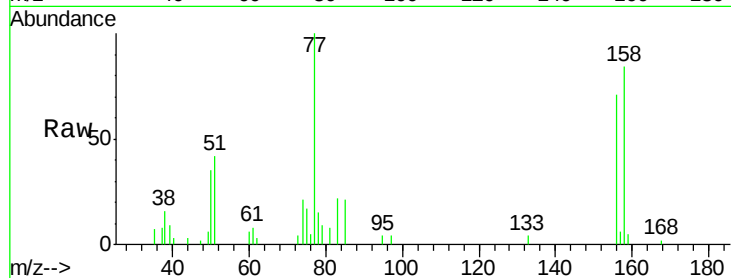
Tgt Ion:156 Resp: 2216

Ion Ratio Lower Upper

156 100

77 158.5 73.4 220.2

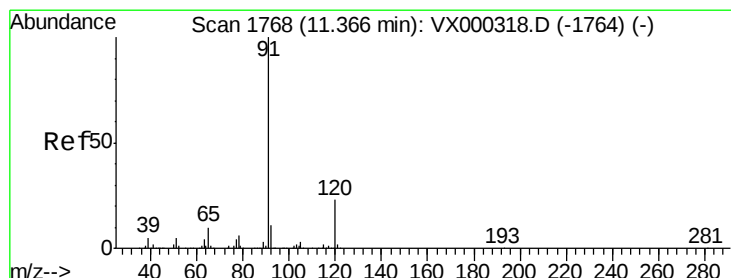
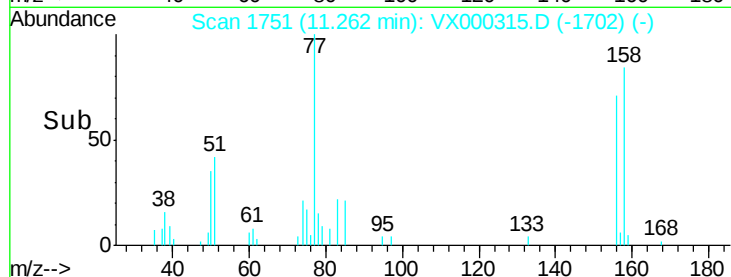
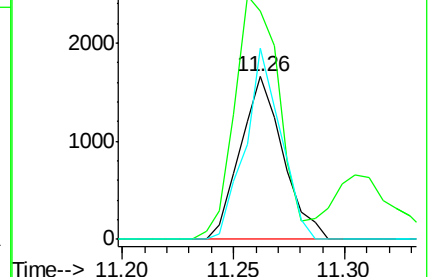
158 98.0 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 1.19 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX000315.D

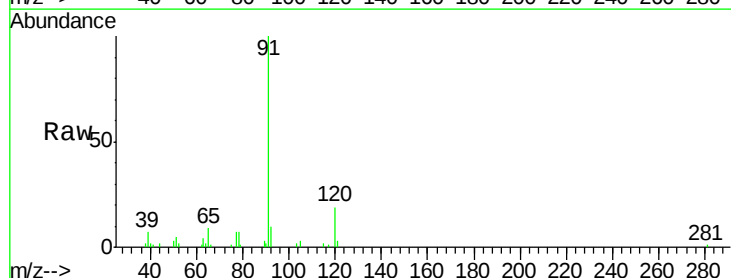
Acq: 14 Mar 2018 16:00

Tgt Ion: 91 Resp: 10310

Ion Ratio Lower Upper

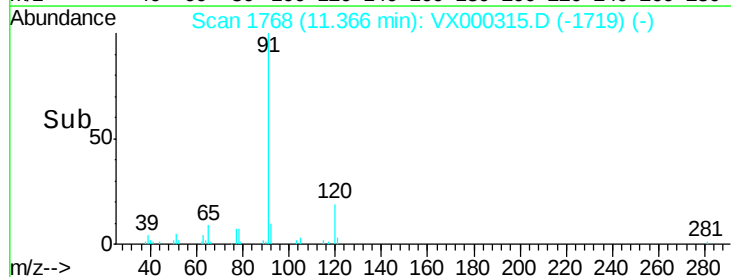
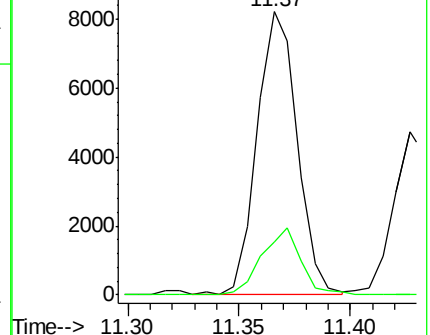
91 100

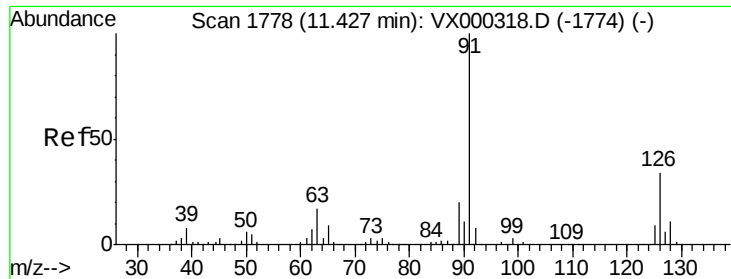
120 22.9 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 1.18 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX000315.D

Acq: 14 Mar 2018 16:00

Instrument :

MSVOA_X

ClientSampleId :

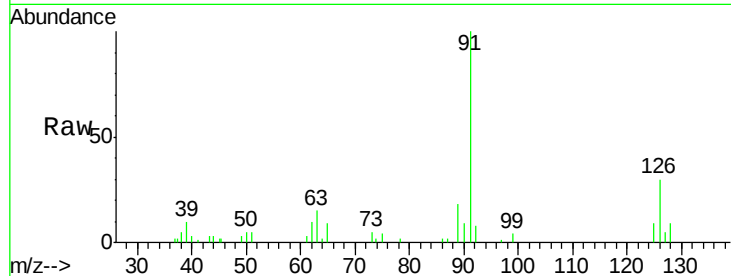
VSTDIC001

Tgt Ion: 91 Resp: 5879

Ion Ratio Lower Upper

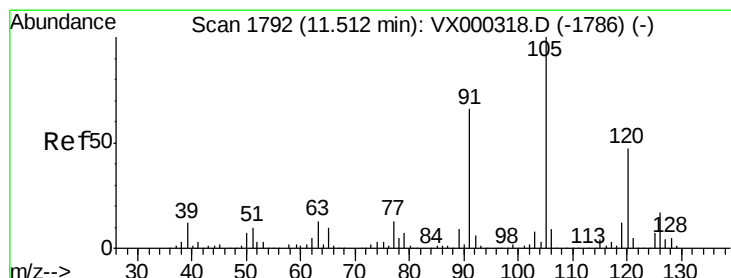
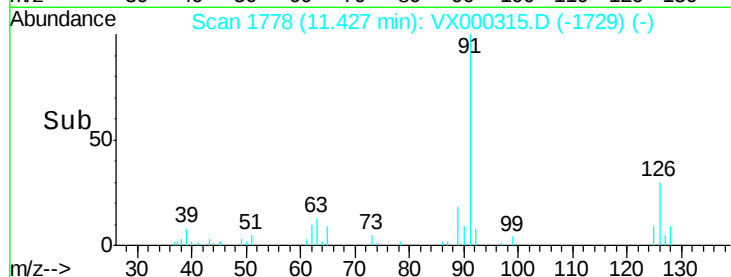
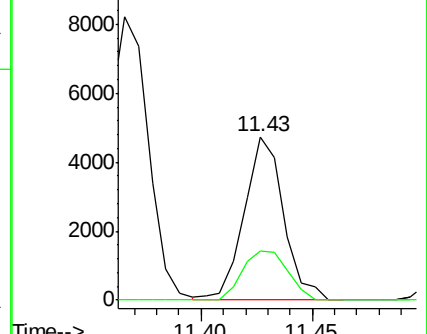
91 100

126 34.4 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX000315.D (-1774) (-)

Ion 125.90 (125.60 to 126.60): VX000315.D (-1774) (-)



#80

1,3,5-Trimethylbenzene

Concen: 1.07 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX000315.D

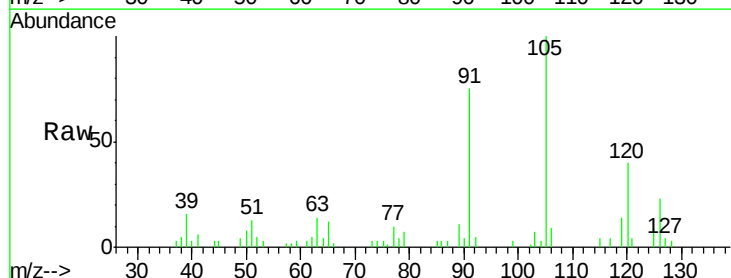
Acq: 14 Mar 2018 16:00

Tgt Ion: 105 Resp: 6736

Ion Ratio Lower Upper

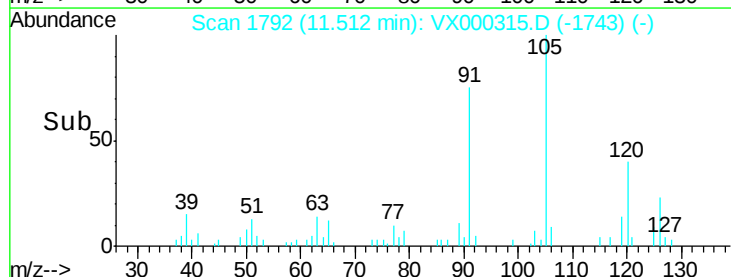
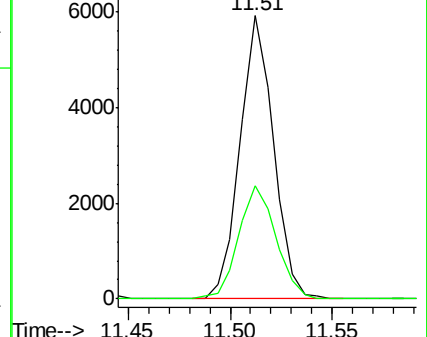
105 100

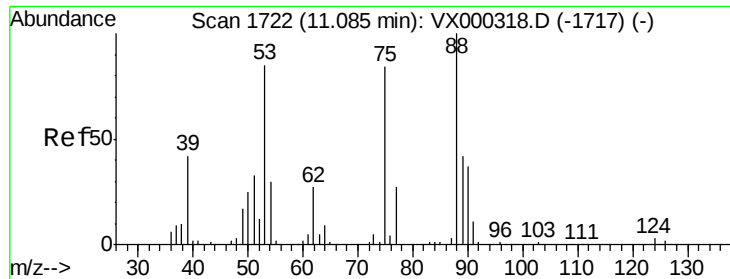
120 44.4 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VX000315.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX000315.D (-1786) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 0.63 ug/l

RT: 11.09 min Scan# 1722

Delta R.T. 0.00 min

Lab File: VX000315.D

Acq: 14 Mar 2018 16:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

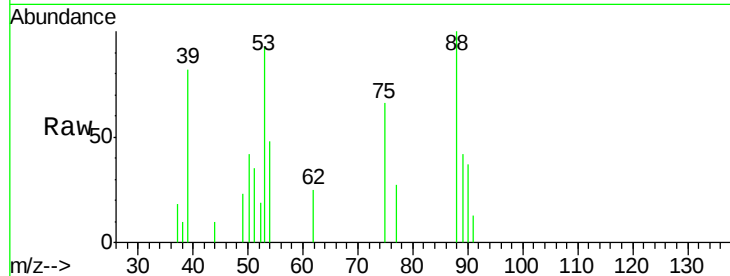
Tgt Ion: 75 Resp: 576

Ion Ratio Lower Upper

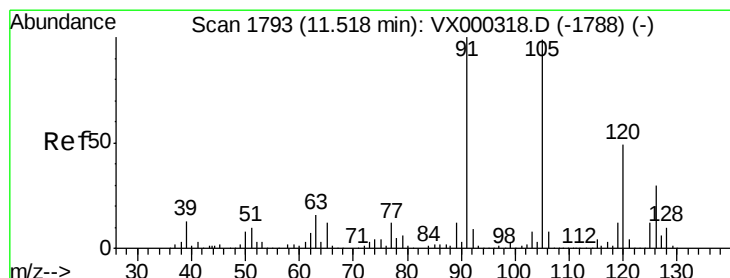
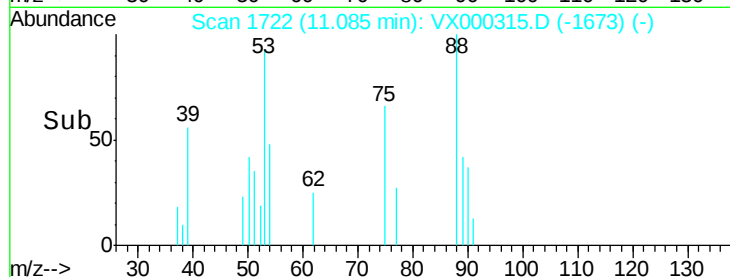
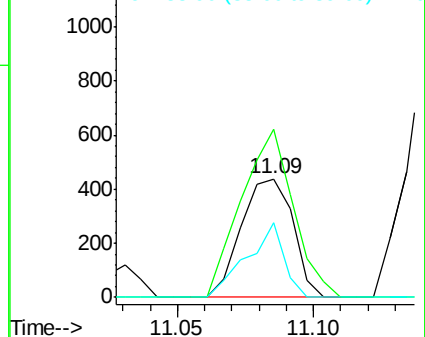
75 100

53 142.9 80.7 121.1#

89 45.3 39.4 59.0



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



#82

4-Chlorotoluene

Concen: 1.18 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX000315.D

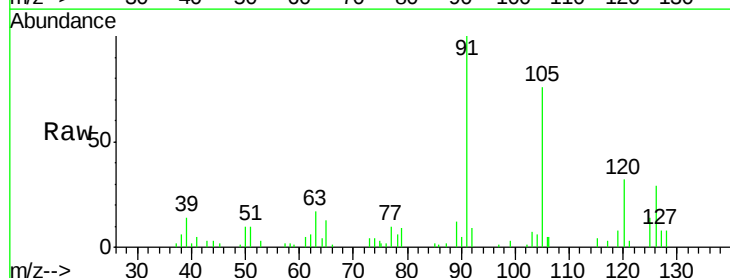
Acq: 14 Mar 2018 16:00

Tgt Ion: 91 Resp: 7154

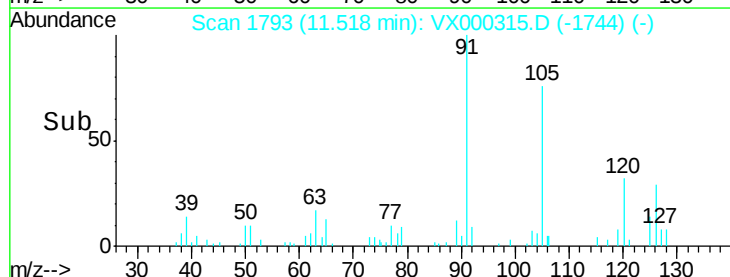
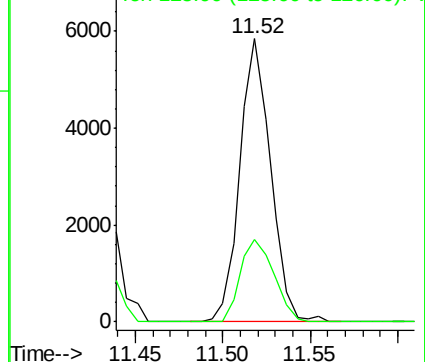
Ion Ratio Lower Upper

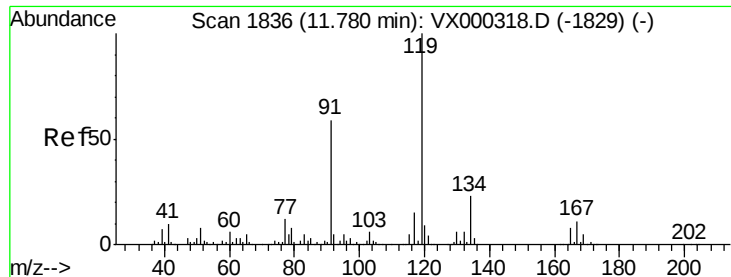
91 100

126 31.7 15.4 46.1



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

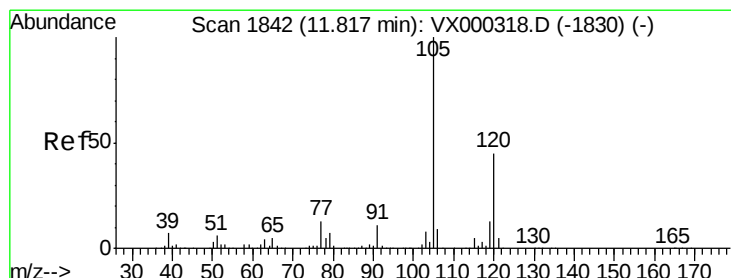
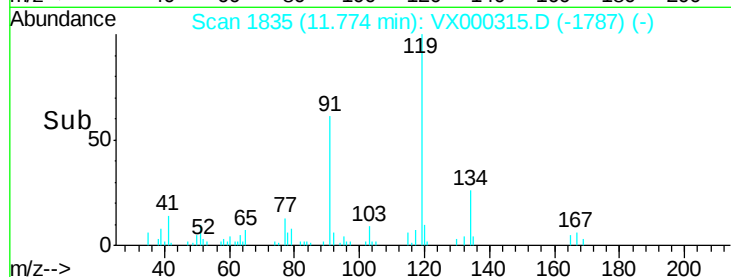
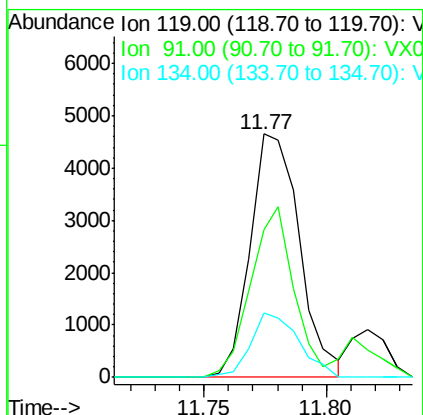
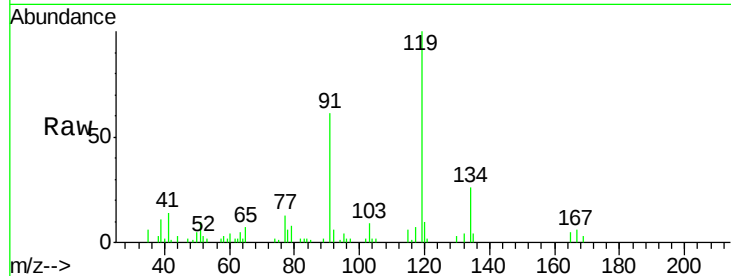




#83
 tert-Butylbenzene
 Concen: 1.01 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.01 min
 Lab File: VX000315.D
 Acq: 14 Mar 2018 16:00

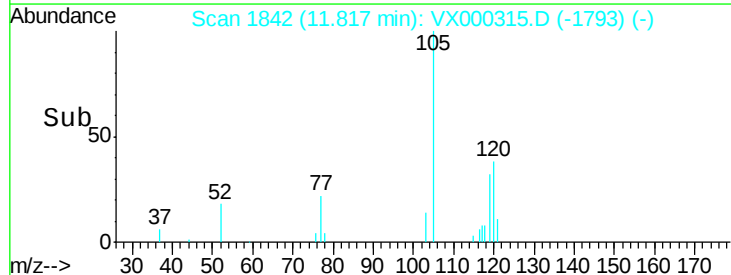
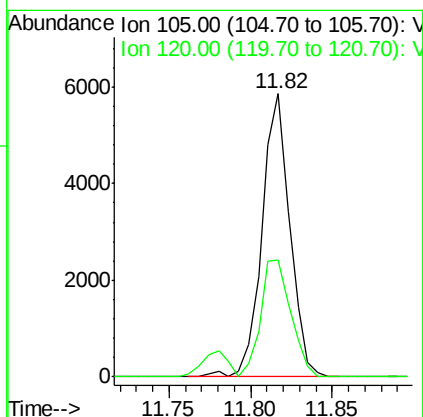
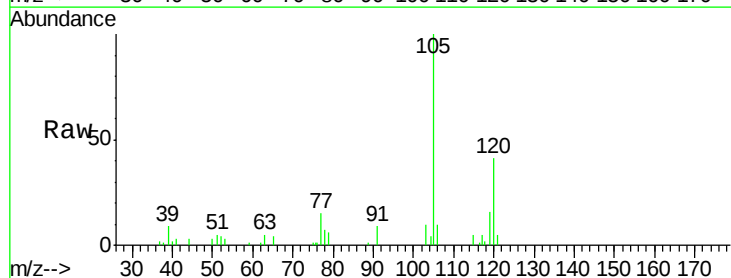
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

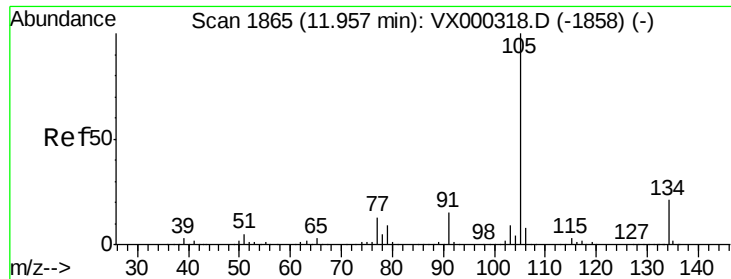
Tgt Ion:119 Resp: 6524
 Ion Ratio Lower Upper
 119 100
 91 61.1 28.8 86.4
 134 25.7 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 1.06 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX000315.D
 Acq: 14 Mar 2018 16:00

Tgt Ion:105 Resp: 6935
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.4 67.3





#85

sec-Butylbenzene

Concen: 1.04 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.01 min

Lab File: VX000315.D

Acq: 14 Mar 2018 16:00

Instrument :

MSVOA_X

ClientSampleId :

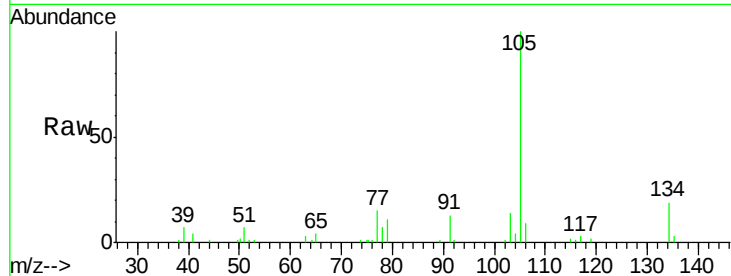
VSTDIC001

Tgt Ion:105 Resp: 8106

Ion Ratio Lower Upper

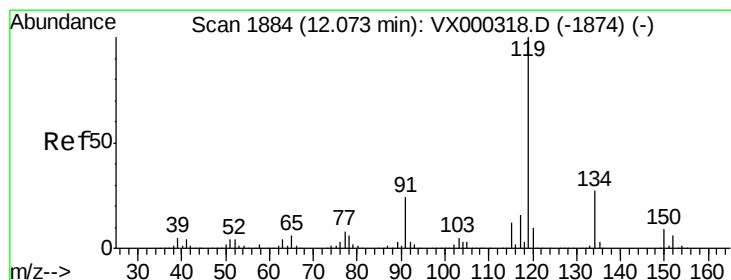
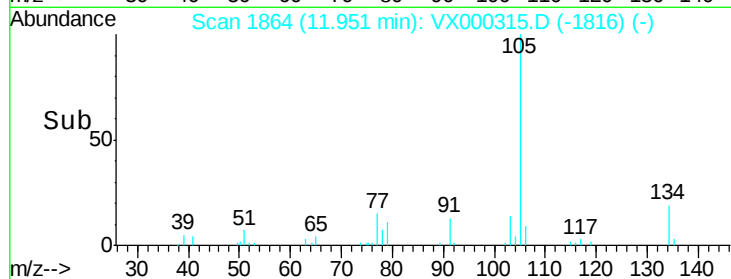
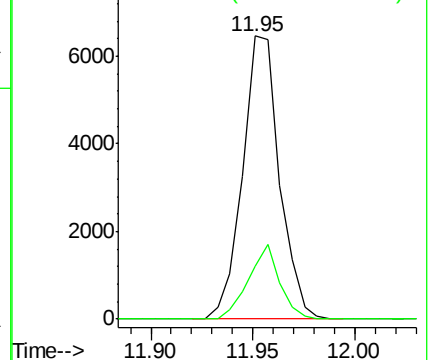
105 100

134 22.2 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.97 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX000315.D

Acq: 14 Mar 2018 16:00

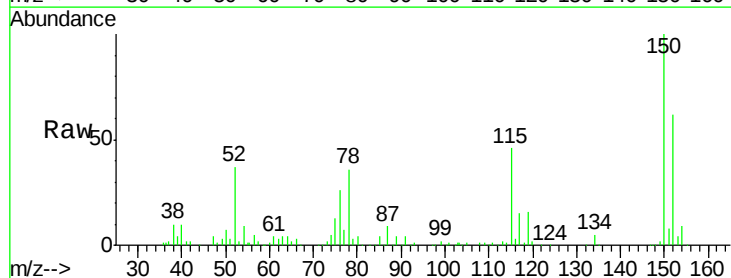
Tgt Ion:119 Resp: 7059

Ion Ratio Lower Upper

119 100

134 29.4 13.3 39.9

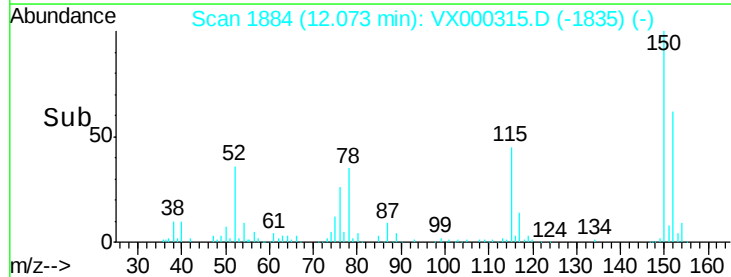
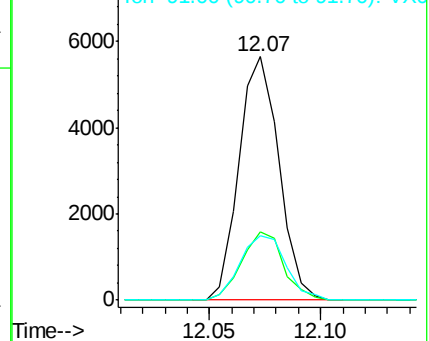
91 30.7 12.0 36.1

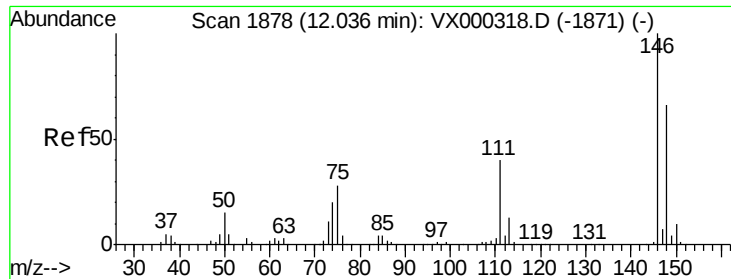


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

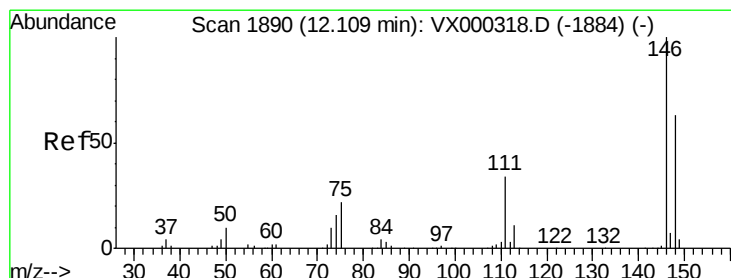
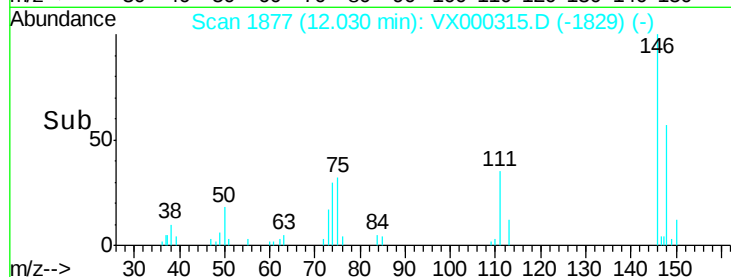
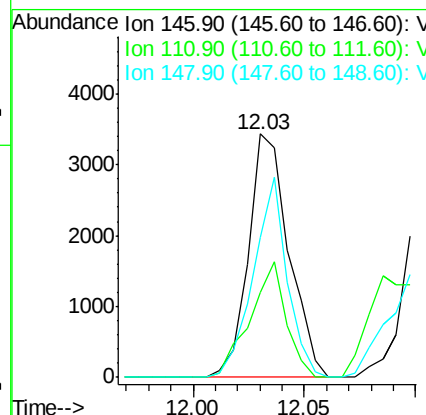
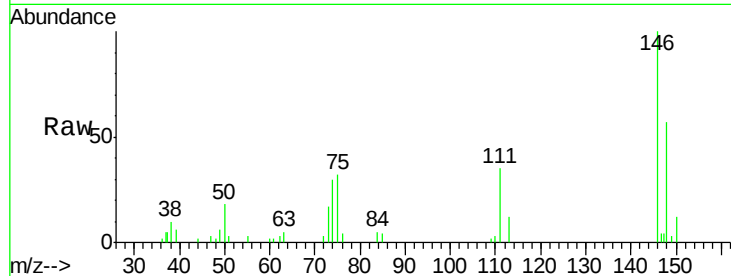




#87
 1,3-Dichlorobenzene
 Concen: 1.08 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.01 min
 Lab File: VX000315.D
 Acq: 14 Mar 2018 16:00

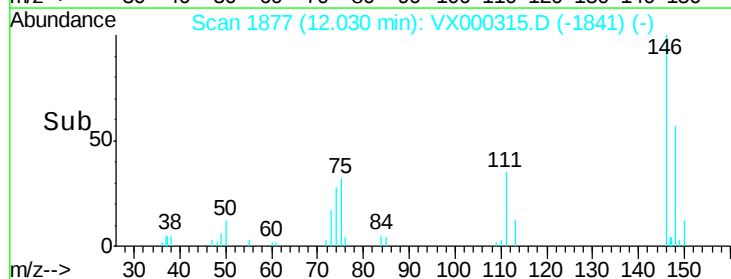
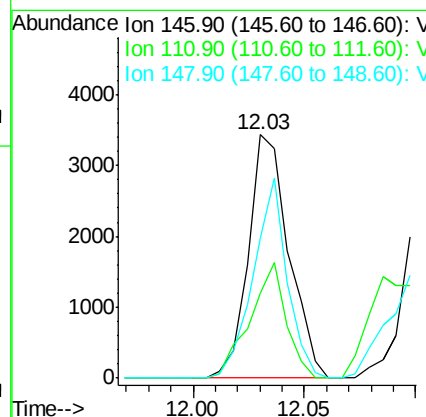
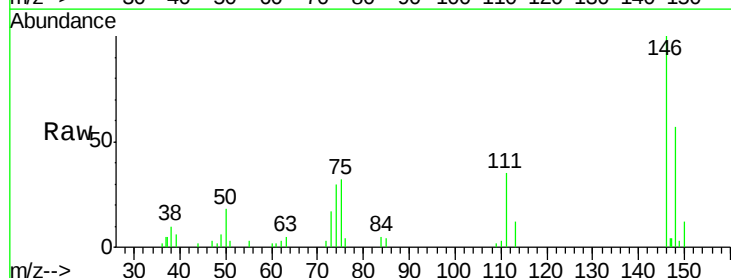
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

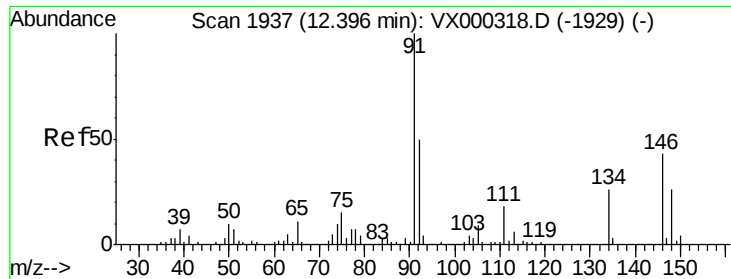
Tgt Ion:146 Resp: 4353
 Ion Ratio Lower Upper
 146 100
 111 42.2 19.5 58.5
 148 68.5 32.4 97.0



#88
 1,4-Dichlorobenzene
 Concen: 1.03 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.08 min
 Lab File: VX000315.D
 Acq: 14 Mar 2018 16:00

Tgt Ion:146 Resp: 4353
 Ion Ratio Lower Upper
 146 100
 111 42.2 18.9 56.9
 148 68.5 31.0 93.0





#89

n-Butylbenzene

Concen: 1.13 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX000315.D

Acq: 14 Mar 2018 16:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

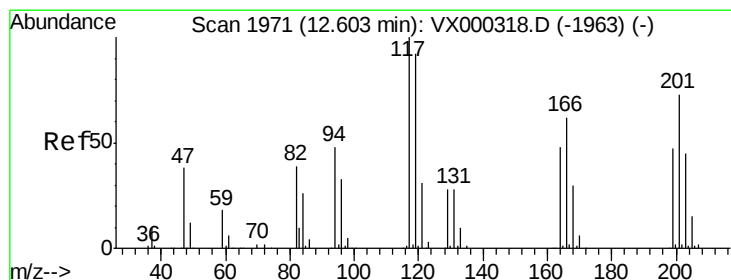
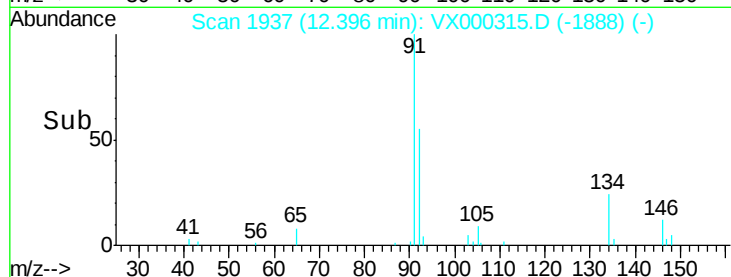
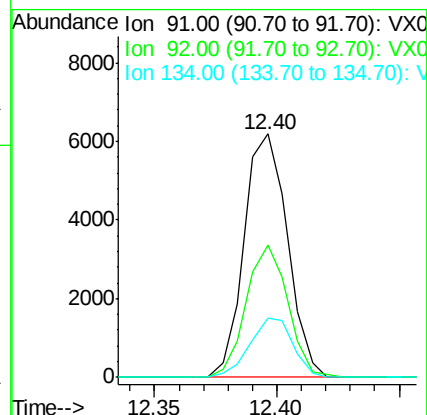
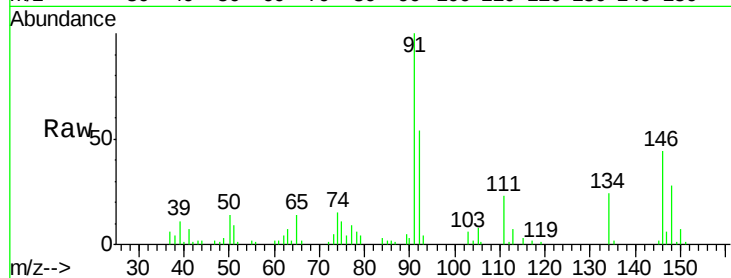
Tgt Ion: 91 Resp: 7577

Ion Ratio Lower Upper

91 100

92 52.3 25.9 77.8

134 24.5 13.1 39.3



#90

Hexachloroethane

Concen: 1.01 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX000315.D

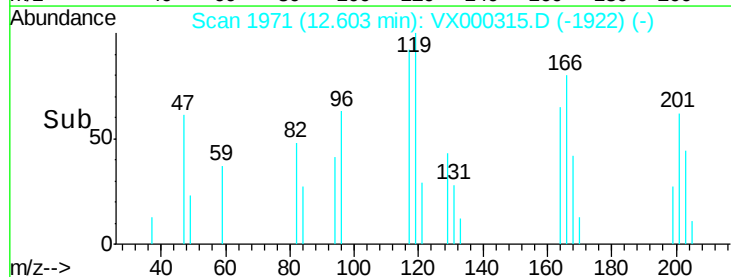
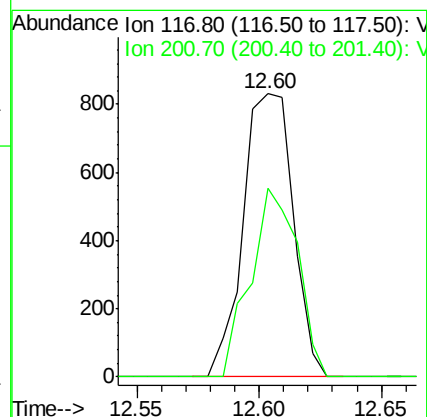
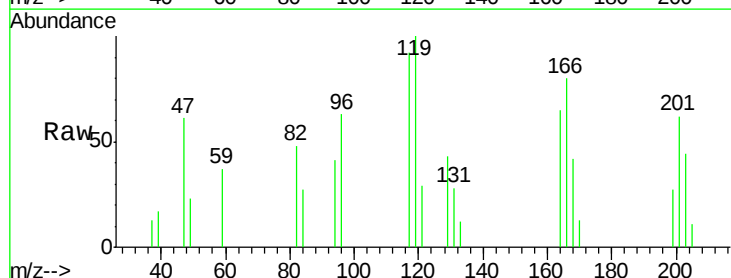
Acq: 14 Mar 2018 16:00

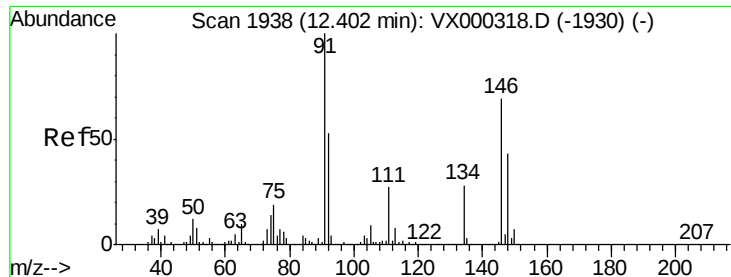
Tgt Ion: 117 Resp: 1180

Ion Ratio Lower Upper

117 100

201 62.8 37.9 113.6

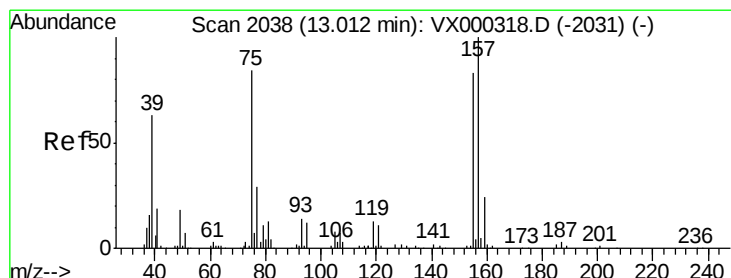
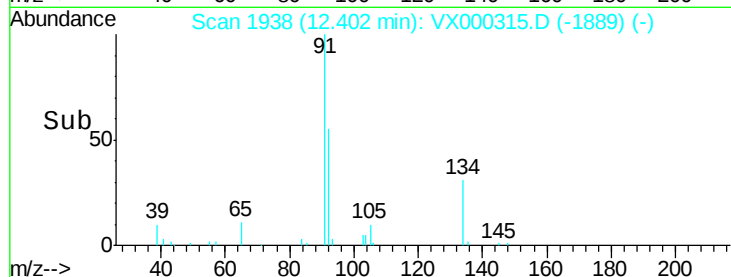
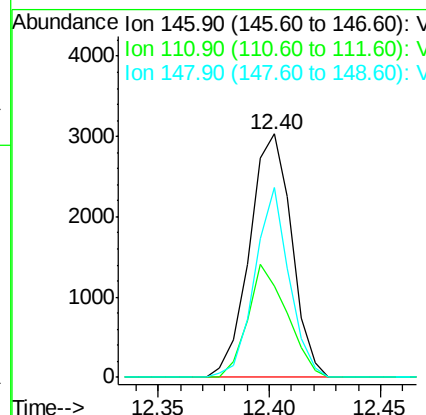
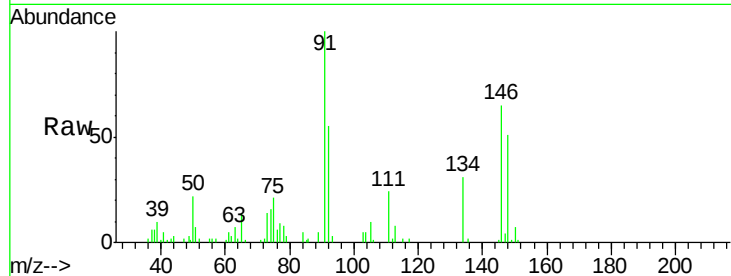




#91
1,2-Dichlorobenzene
Concen: 1.02 ug/l
RT: 12.40 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VX000315.D
Acq: 14 Mar 2018 16:00

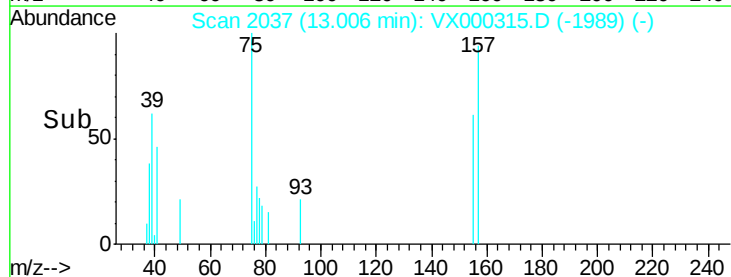
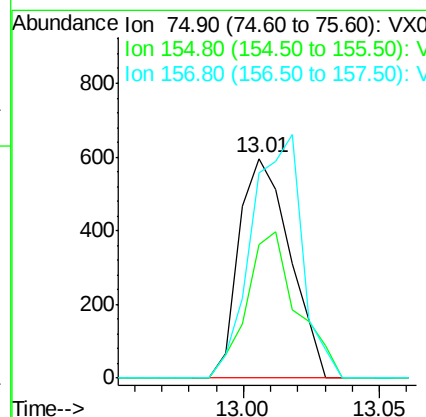
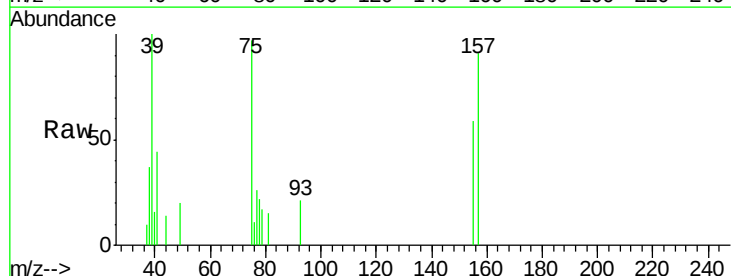
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

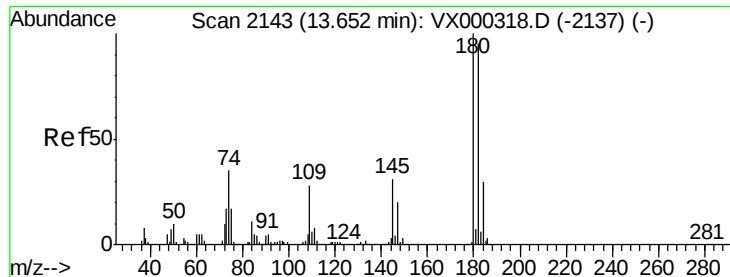
Tgt Ion: 146 Resp: 3998
Ion Ratio Lower Upper
146 100
111 42.9 20.1 60.2
148 64.0 31.2 93.6



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.96 ug/l
RT: 13.01 min Scan# 2037
Delta R.T. -0.01 min
Lab File: VX000315.D
Acq: 14 Mar 2018 16:00

Tgt Ion: 75 Resp: 771
Ion Ratio Lower Upper
75 100
155 66.4 45.0 134.8
157 110.2 58.1 174.2

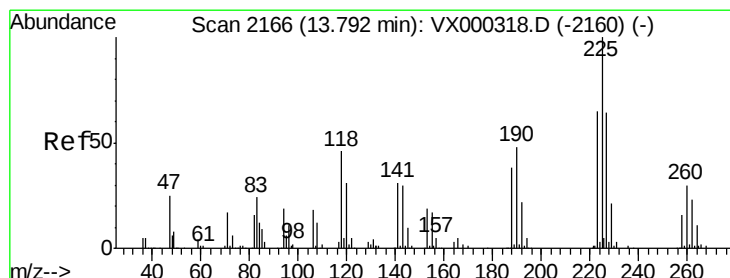
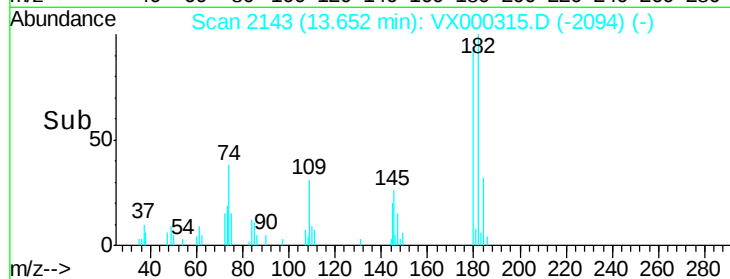
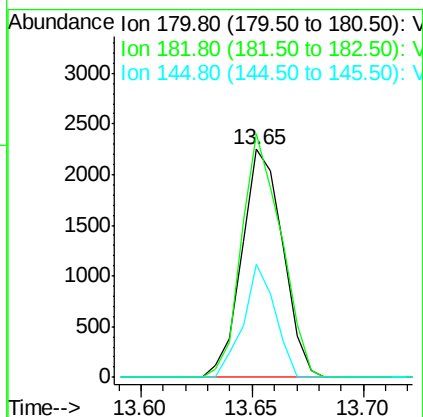
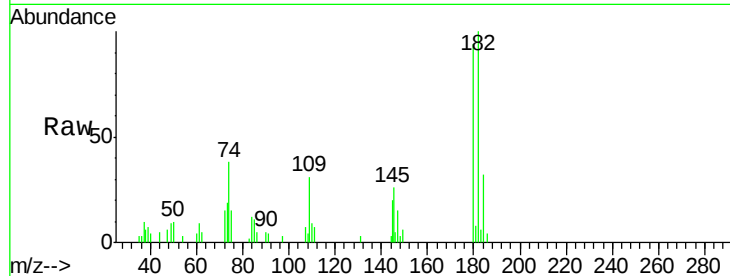




#93
 1,2,4-Trichlorobenzene
 Concen: 0.86 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX000315.D
 Acq: 14 Mar 2018 16:00

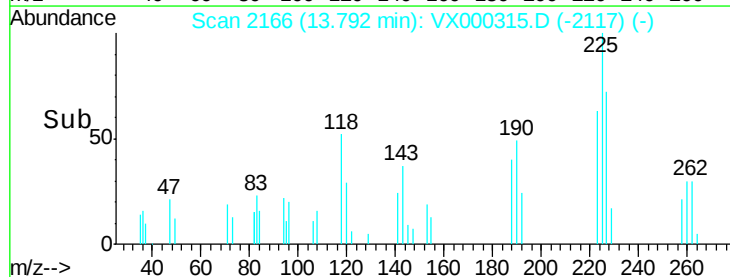
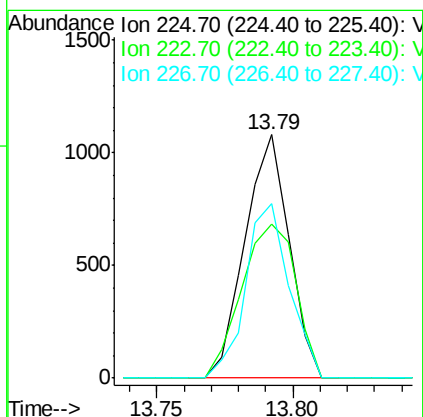
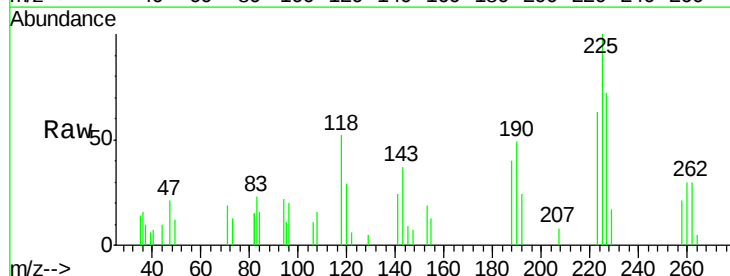
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

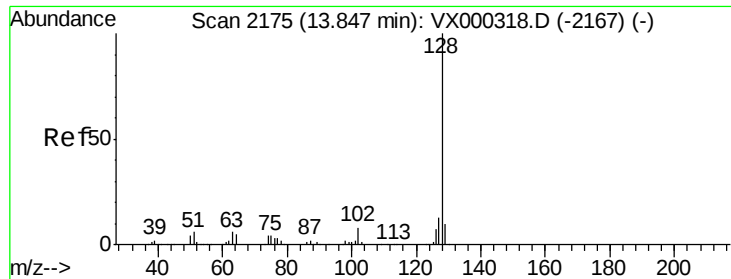
Tgt Ion:180 Resp: 2892
 Ion Ratio Lower Upper
 180 100
 182 103.2 47.6 142.9
 145 38.4 15.1 45.3



#94
 Hexachlorobutadiene
 Concen: 0.68 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VX000315.D
 Acq: 14 Mar 2018 16:00

Tgt Ion:225 Resp: 1212
 Ion Ratio Lower Upper
 225 100
 223 78.1 32.0 96.0
 227 71.2 32.6 98.0

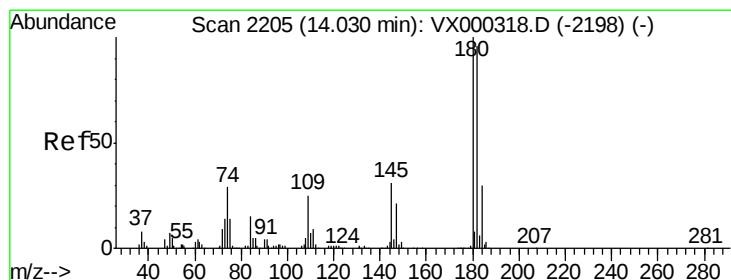
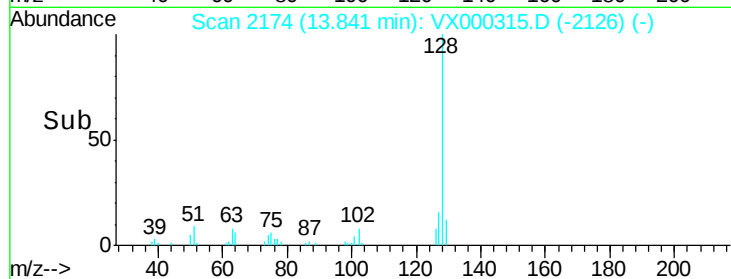
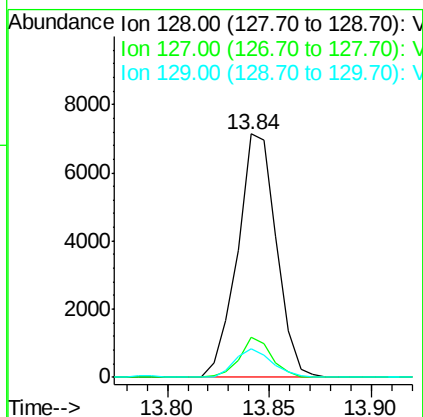
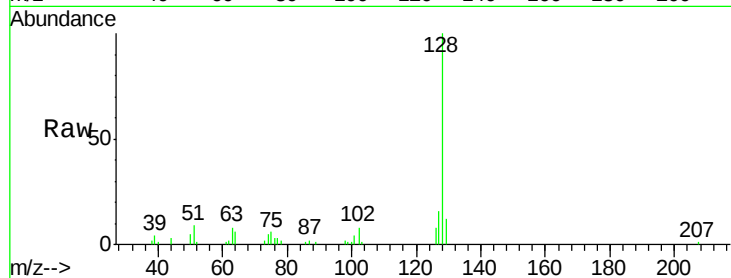




#95
Naphthalene
Concen: 0.95 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.01 min
Lab File: VX000315.D
Acq: 14 Mar 2018 16:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion:128 Resp: 9407
Ion Ratio Lower Upper
128 100
127 13.6 10.6 15.8
129 11.3 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 0.95 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. 0.00 min
Lab File: VX000315.D
Acq: 14 Mar 2018 16:00

Tgt Ion:180 Resp: 3123
Ion Ratio Lower Upper
180 100
182 95.3 47.4 142.3
145 28.8 15.8 47.3

