

Data File : VX001135.D

Acq On : 26 Apr 2018 17:03

Operator : JC/MD

Sample : VSTDIC001

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Quant Time: Apr 27 01:18:51 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M

Quant Title : SW846 8260

QLast Update : Fri Apr 27 01:18:12 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	201278	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	284818	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	257962	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	159629	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	4052	1.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	3.08%	
35) Dibromofluoromethane	5.51	113	2507	1.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.28%	
50) Toluene-d8	8.72	98	9496	1.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.34%	
62) 4-Bromofluorobenzene	11.14	95	3513	1.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	2378	1.00	ug/l	99
3) Chloromethane	1.32	50	2526	1.11	ug/l	98
4) Vinyl Chloride	1.40	62	2712	1.14	ug/l	93
5) Bromomethane	1.65	94	2081	1.41	ug/l #	79
6) Chloroethane	1.73	64	1726	1.20	ug/l	99
7) Trichlorofluoromethane	1.93	101	4215	1.17	ug/l	93
8) Diethyl Ether	2.20	74	1685	1.24	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	2200	1.05	ug/l #	82
10) Methyl Iodide	2.52	142	1494	0.84	ug/l	91
11) Tert butyl alcohol	3.08	59	3692	8.46	ug/l	100
12) 1,1-Dichloroethene	2.37	96	2448	1.25	ug/l #	79
13) Acrolein	2.30	56	1775	12.06	ug/l	95
14) Allyl chloride	2.73	41	3762	1.05	ug/l	93
15) Acrylonitrile	3.16	53	7348	6.76	ug/l	100
16) Acetone	2.45	43	7757	7.66	ug/l	96
17) Carbon Disulfide	2.57	76	5740	1.04	ug/l	99
18) Methyl Acetate	2.79	43	3424	1.17	ug/l #	91
19) Methyl tert-butyl Ether	3.21	73	8424	1.25	ug/l #	85
20) Methylene Chloride	2.86	84	3025	1.34	ug/l #	91
21) trans-1,2-Dichloroethene	3.17	96	2669	1.22	ug/l #	82
22) Diisopropyl ether	3.87	45	7978	1.15	ug/l #	90
23) Vinyl Acetate	3.83	43	29652	5.09	ug/l	98
24) 1,1-Dichloroethane	3.70	63	4532	1.18	ug/l	95
25) 2-Butanone	4.72	43	11036	7.02	ug/l	98
26) 2,2-Dichloropropane	4.59	77	3329	1.02	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	2669	1.09	ug/l	98
28) Bromochloromethane	5.03	49	1844	1.20	ug/l #	98
29) Tetrahydrofuran	5.18	42	7183	7.22	ug/l	94
30) Chloroform	5.22	83	4379	1.09	ug/l	94
31) Cyclohexane	5.59	56	3636	1.03	ug/l	93
32) 1,1,1-Trichloroethane	5.50	97	3681	1.03	ug/l #	51
36) 1,1-Dichloropropene	5.81	75	3725	1.13	ug/l	99
37) Ethyl Acetate	4.88	43	4092	1.29	ug/l #	95
38) Carbon Tetrachloride	5.78	117	3362	1.00	ug/l #	81

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ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Quant Time: Apr 27 01:18:51 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M

Quant Title : SW846 8260

QLast Update : Fri Apr 27 01:18:12 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.48	83	3535	0.93	ug/l #	93
40) Benzene	6.15	78	9466	1.02	ug/l	98
41) Methacrylonitrile	5.08	41	2217	1.13	ug/l #	87
42) 1,2-Dichloroethane	6.20	62	3784	1.05	ug/l	90
43) Isopropyl Acetate	6.48	43	6014	1.12	ug/l	98
44) Trichloroethene	7.23	130	2902	1.03	ug/l	82
45) 1,2-Dichloropropane	7.52	63	2550	1.09	ug/l	99
46) Dibromomethane	7.67	93	1647	1.00	ug/l	98
47) Bromodichloromethane	7.91	83	2705	0.89	ug/l	99
48) Methyl methacrylate	7.79	41	3208	1.11	ug/l	94
49) 1,4-Dioxane	7.76	88	1240	26.94	ug/l #	75
51) 4-Methyl-2-Pentanone	8.66	43	18129	5.45	ug/l	95
52) Toluene	8.79	92	5943	0.98	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	2798	0.78	ug/l	90
54) cis-1,3-Dichloropropene	9.05	75	2620	0.77	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	2666	1.10	ug/l #	87
56) Ethyl methacrylate	9.19	69	3158	0.88	ug/l #	82
57) 1,3-Dichloropropane	9.38	76	4122	1.03	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.32	63	8229	4.75	ug/l	100
59) 2-Hexanone	9.51	43	14317	5.60	ug/l	96
60) Dibromochloromethane	9.59	129	2035	0.80	ug/l	86
61) 1,2-Dibromoethane	9.68	107	2420	0.94	ug/l	98
64) Tetrachloroethene	9.34	164	3161	1.16	ug/l	93
65) Chlorobenzene	10.14	112	7183	1.05	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	1967	0.83	ug/l #	64
67) Ethyl Benzene	10.26	91	11003	0.97	ug/l	95
68) m/p-Xylenes	10.37	106	8604	1.93	ug/l	97
69) o-Xylene	10.70	106	3983	0.92	ug/l	88
70) Styrene	10.72	104	6441	0.91	ug/l	98
71) Bromoform	10.87	173	1511	0.78	ug/l #	92
73) Isopropylbenzene	11.02	105	11163	1.08	ug/l	99
74) N-amyl acetate	6.48	43	6014	1.31	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	3584	1.19	ug/l	94
76) 1,2,3-Trichloropropane	11.30	75	3807	1.34	ug/l	92
77) Bromobenzene	11.26	156	3332	1.10	ug/l	94
78) n-propylbenzene	11.37	91	12066	1.01	ug/l	98
79) 2-Chlorotoluene	11.43	91	7946	1.12	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	8849	1.00	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	536	0.68	ug/l #	60
82) 4-Chlorotoluene	11.52	91	9206	1.08	ug/l	100
83) tert-Butylbenzene	11.77	119	8792	0.99	ug/l	92
84) 1,2,4-Trimethylbenzene	11.81	105	8978	0.99	ug/l	98
85) sec-Butylbenzene	11.95	105	10350	0.98	ug/l	96
86) p-Isopropyltoluene	12.07	119	9644	0.99	ug/l	93
87) 1,3-Dichlorobenzene	12.03	146	5960	1.06	ug/l	98
88) 1,4-Dichlorobenzene	12.03	146	5960	1.03	ug/l	98
89) n-Butylbenzene	12.39	91	8339	0.96	ug/l	97
90) Hexachloroethane	12.60	117	1083	0.78	ug/l	94
91) 1,2-Dichlorobenzene	12.40	146	5871	1.07	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	13.01	75	645	1.00	ug/l	93

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX042618\
Quantitation Report (Not Reviewed)

Data File : VX001135.D
Acq On : 26 Apr 2018 17:03
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Quant Time: Apr 27 01:18:51 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 27 01:18:12 2018
Response via : Initial Calibration

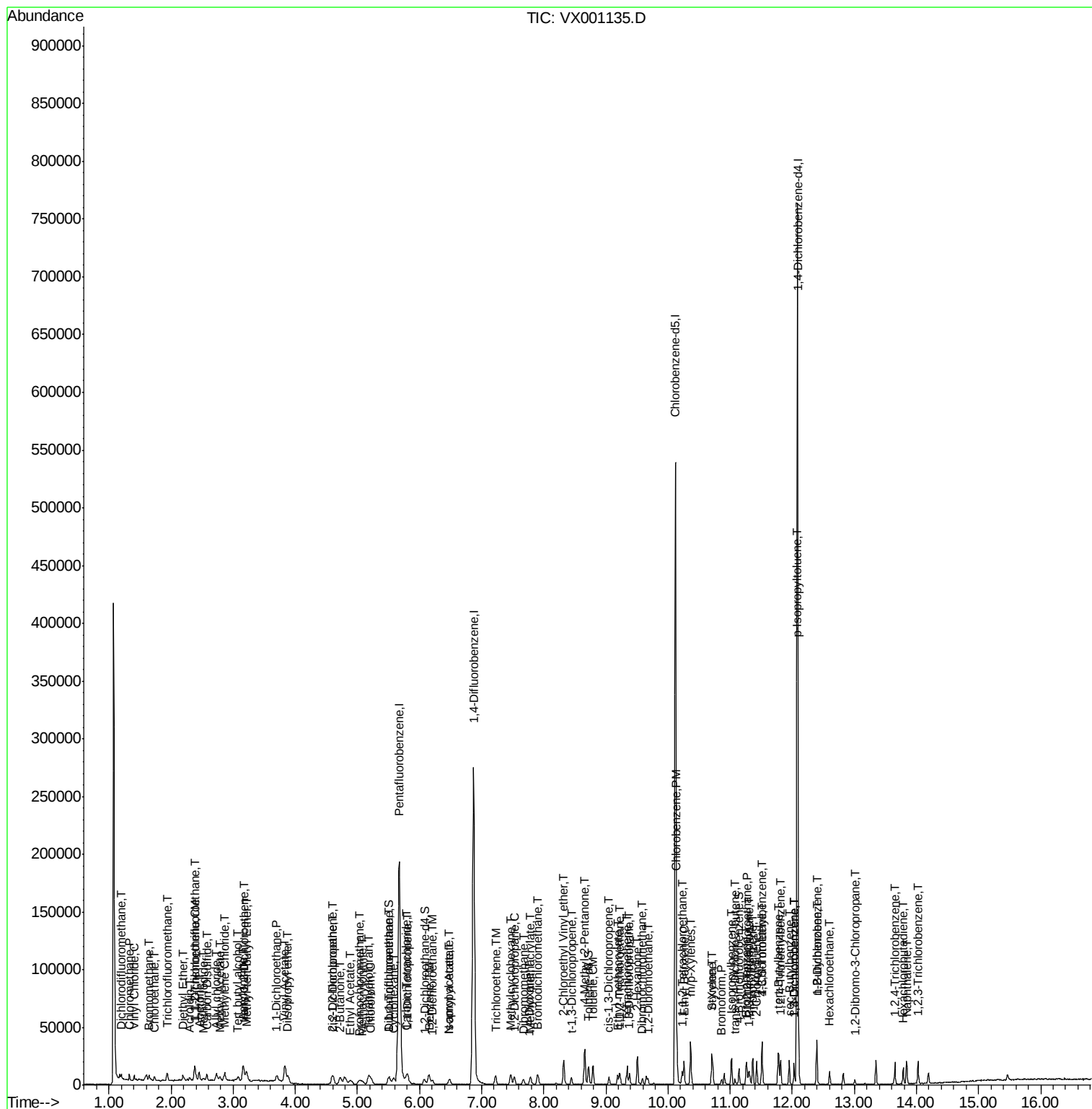
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	4892	1.07	ug/l	98
94) Hexachlorobutadiene	13.79	225	2260	1.09	ug/l	98
95) Naphthalene	13.84	128	12169	1.06	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	4657	1.05	ug/l	97

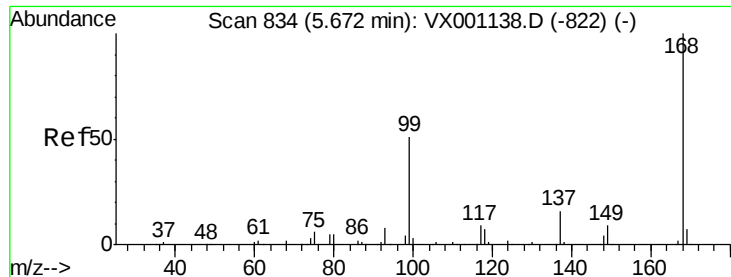
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial      : 3      Sample Multiplier: 1
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VSTDICC001

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001135.D

Acq: 26 Apr 2018 17:03

Instrument :

MSVOA_X

ClientSampleId :

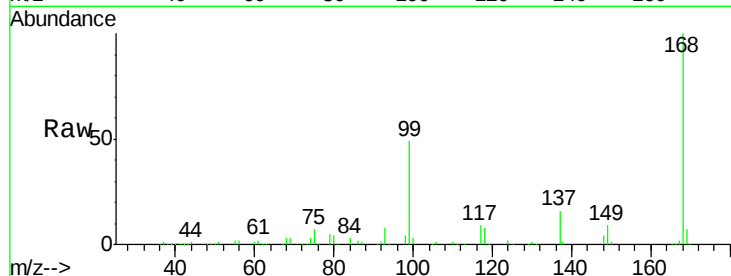
VSTDIC001

Tgt Ion: 168 Resp: 201278

Ion Ratio Lower Upper

168 100

99 49.3 40.6 60.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

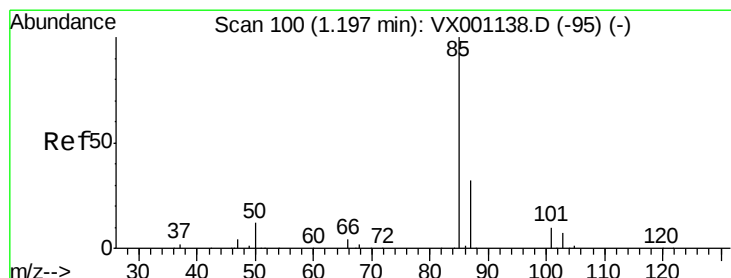
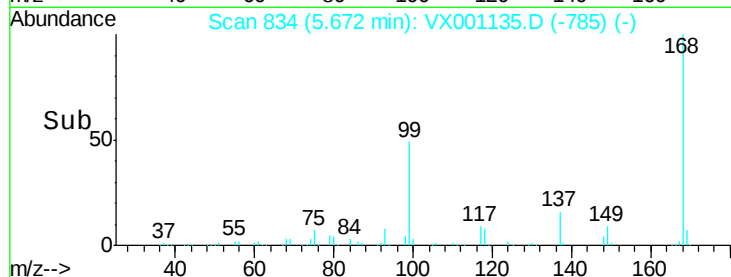
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 1.00 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001135.D

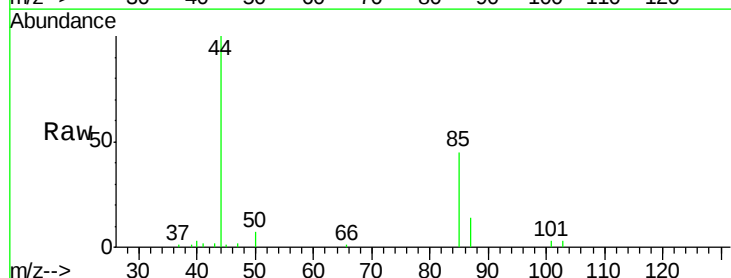
Acq: 26 Apr 2018 17:03

Tgt Ion: 85 Resp: 2378

Ion Ratio Lower Upper

85 100

87 31.3 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

2500

2000

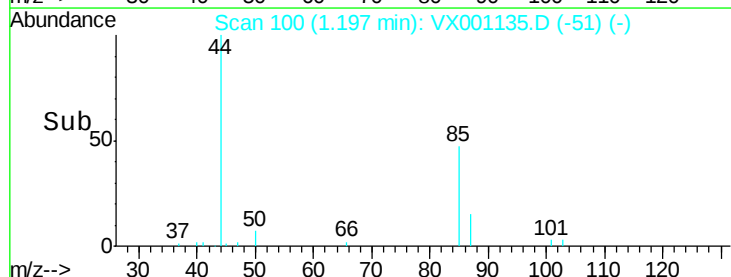
1500

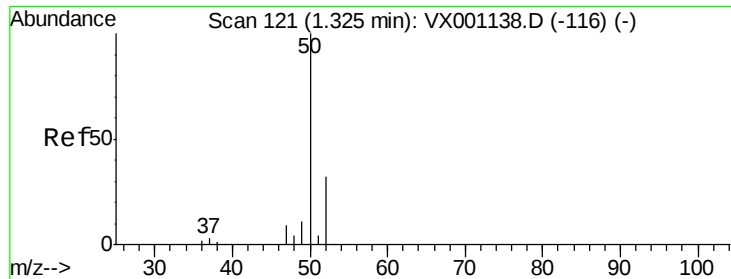
1000

500

0

Time--> 1.15 1.20 1.25

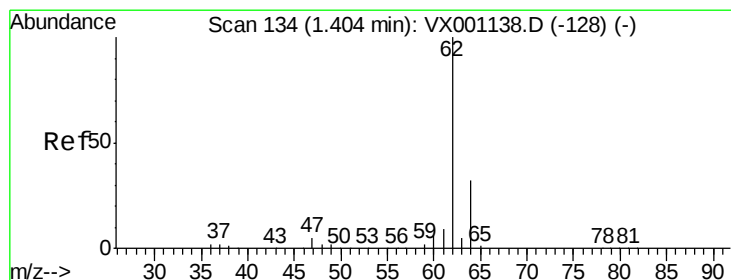
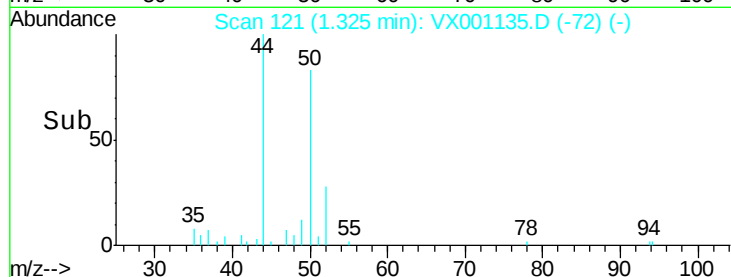
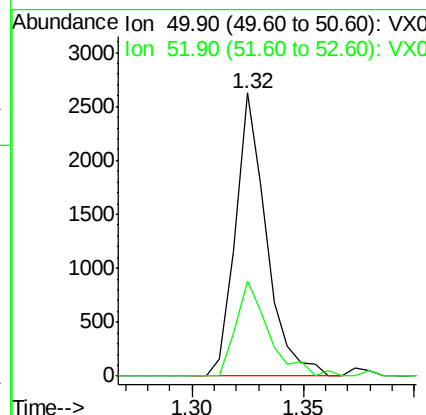
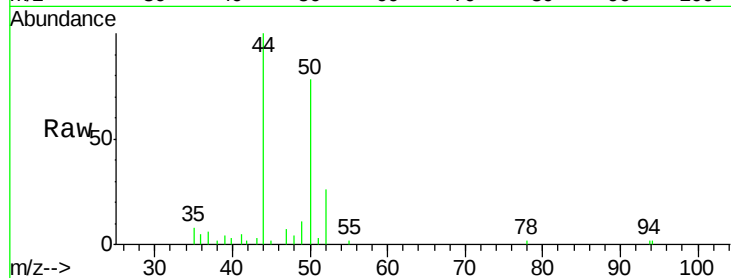




#3
Chloromethane
Concen: 1.11 ug/l
RT: 1.32 min Scan# 121
Delta R.T. -0.00 min
Lab File: VX001135.D
Acq: 26 Apr 2018 17:03

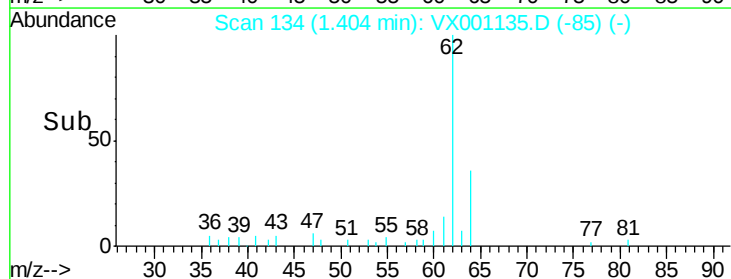
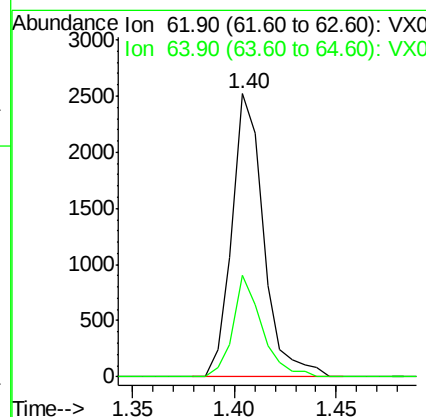
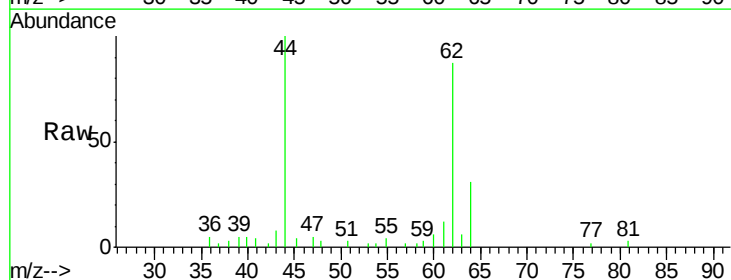
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

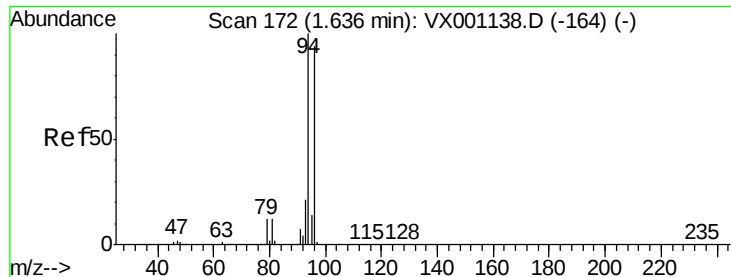
Tgt Ion: 50 Resp: 2526
Ion Ratio Lower Upper
50 100
52 33.7 25.9 38.9



#4
Vinyl Chloride
Concen: 1.14 ug/l
RT: 1.40 min Scan# 134
Delta R.T. -0.00 min
Lab File: VX001135.D
Acq: 26 Apr 2018 17:03

Tgt Ion: 62 Resp: 2712
Ion Ratio Lower Upper
62 100
64 35.9 25.6 38.4





#5

Bromomethane

Concen: 1.41 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX001135.D

Acq: 26 Apr 2018 17:03

Instrument :

MSVOA_X

ClientSampleId :

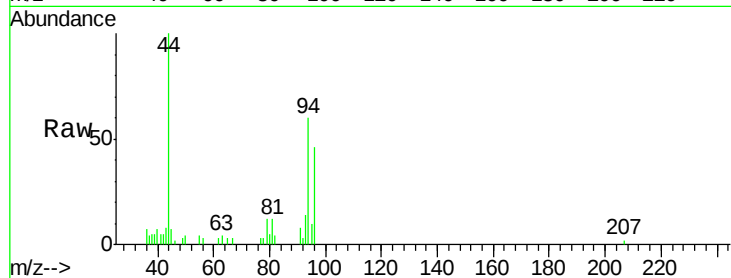
VSTDIC001

Tgt Ion: 94 Resp: 2081

Ion Ratio Lower Upper

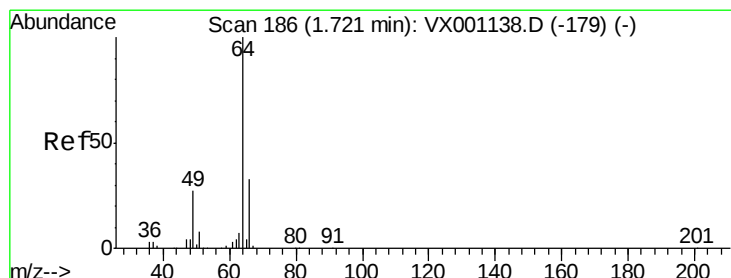
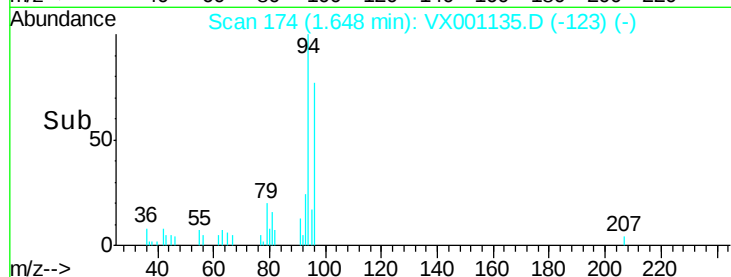
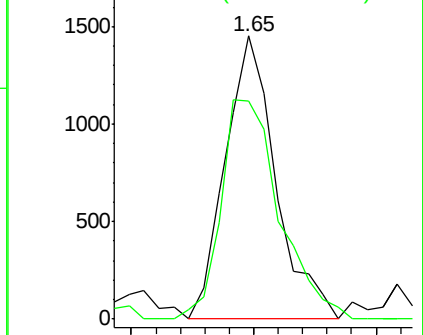
94 100

96 73.6 75.3 112.9#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 1.20 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX001135.D

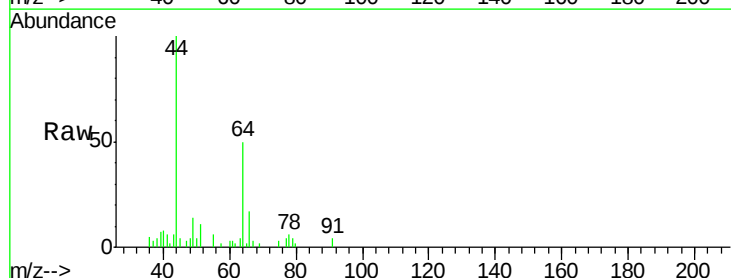
Acq: 26 Apr 2018 17:03

Tgt Ion: 64 Resp: 1726

Ion Ratio Lower Upper

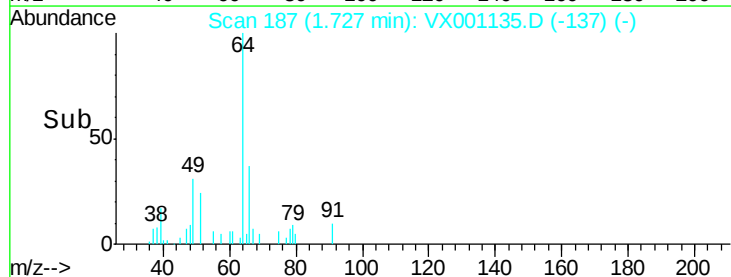
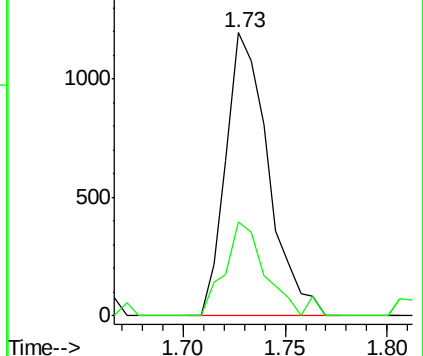
64 100

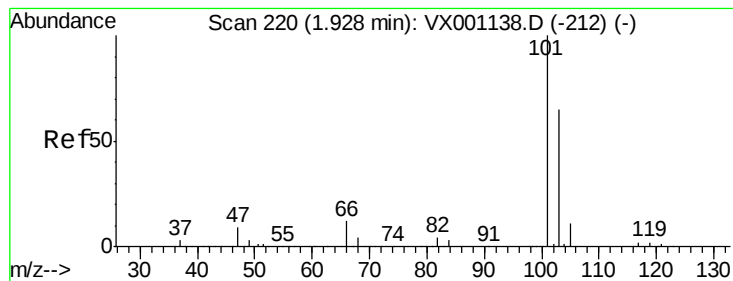
66 33.4 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 1.17 ug/l

RT: 1.93 min Scan# 221

Delta R.T. 0.01 min

Lab File: VX001135.D

Acq: 26 Apr 2018 17:03

Instrument :

MSVOA_X

ClientSampleId :

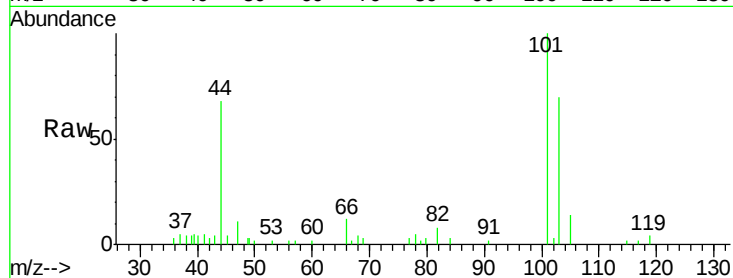
VSTDIC001

Tgt Ion:101 Resp: 4215

Ion Ratio Lower Upper

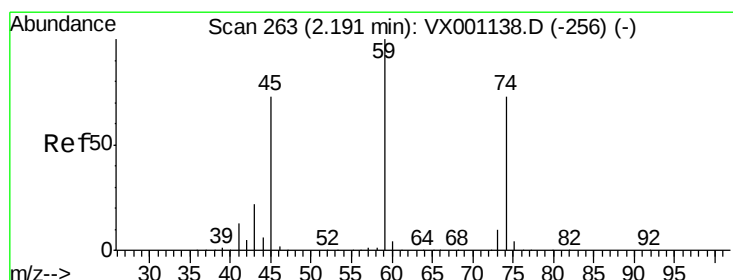
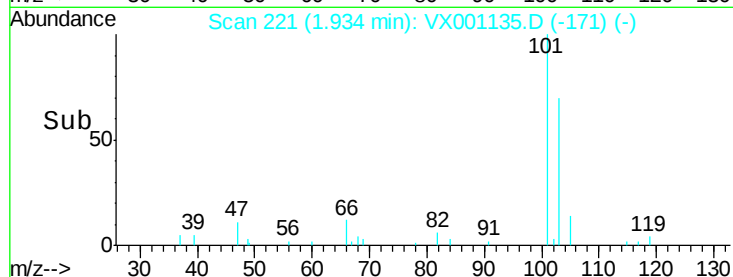
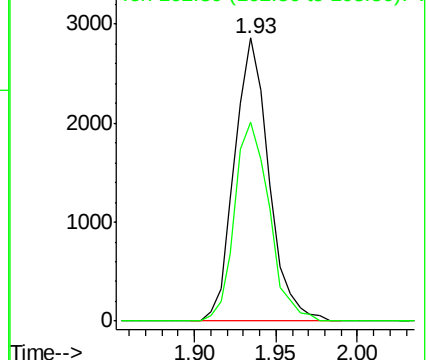
101 100

103 70.2 51.9 77.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 1.24 ug/l

RT: 2.20 min Scan# 264

Delta R.T. 0.01 min

Lab File: VX001135.D

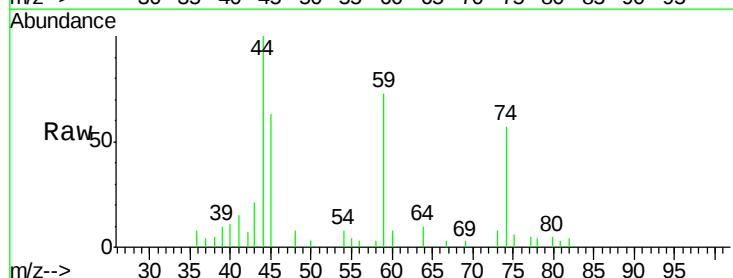
Acq: 26 Apr 2018 17:03

Tgt Ion: 74 Resp: 1685

Ion Ratio Lower Upper

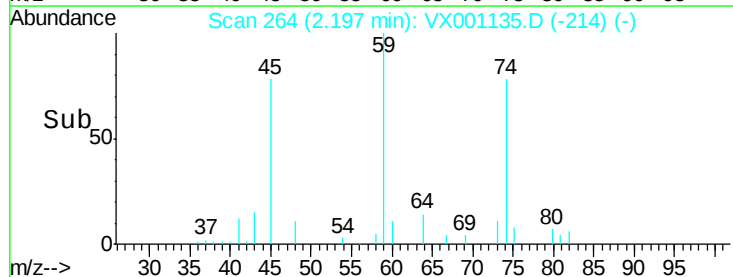
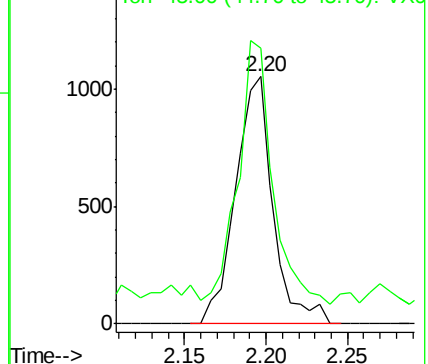
74 100

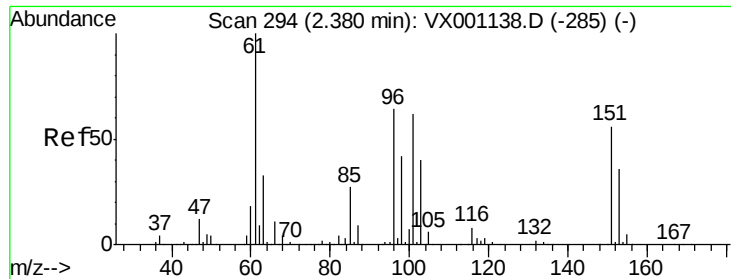
45 97.6 49.5 148.7



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: 1.05 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX001135.D

Acq: 26 Apr 2018 17:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

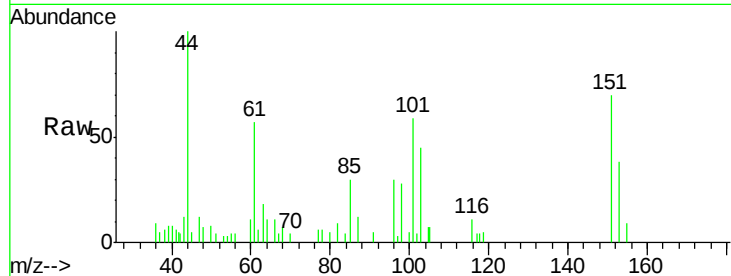
Tgt Ion:101 Resp: 2200

Ion Ratio Lower Upper

101 100

85 54.0 35.4 53.0#

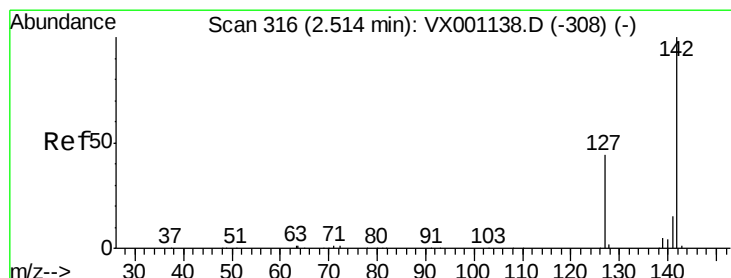
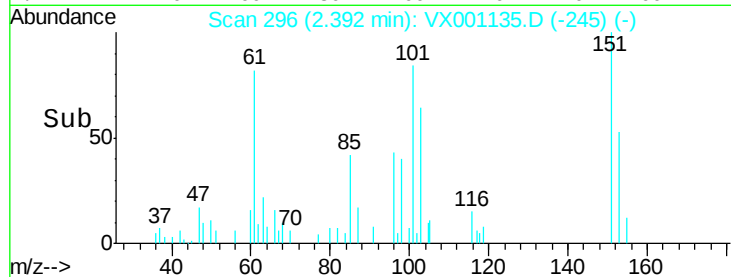
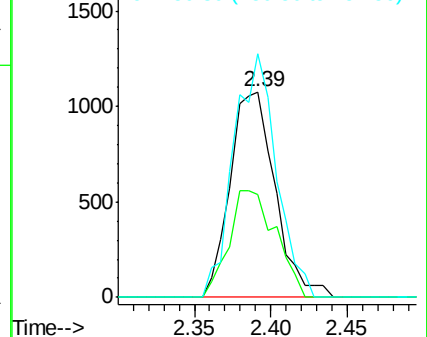
151 111.7 74.2 111.4#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 0.84 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX001135.D

Acq: 26 Apr 2018 17:03

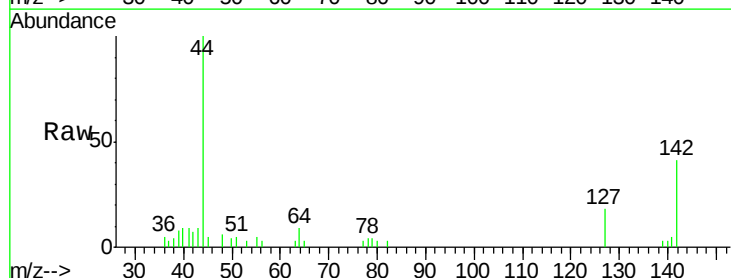
Tgt Ion:142 Resp: 1494

Ion Ratio Lower Upper

142 100

127 50.2 34.7 52.1

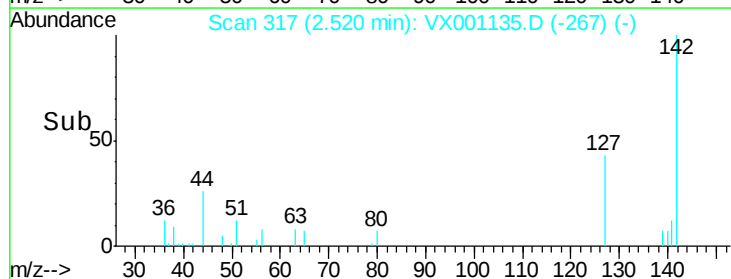
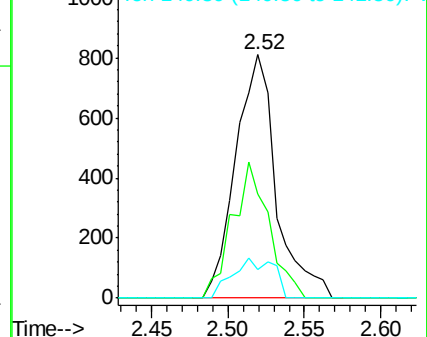
141 16.5 11.6 17.4

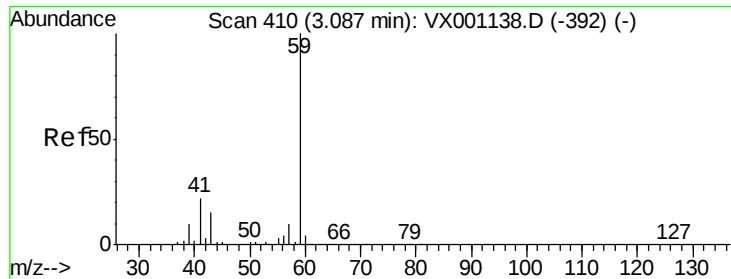


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



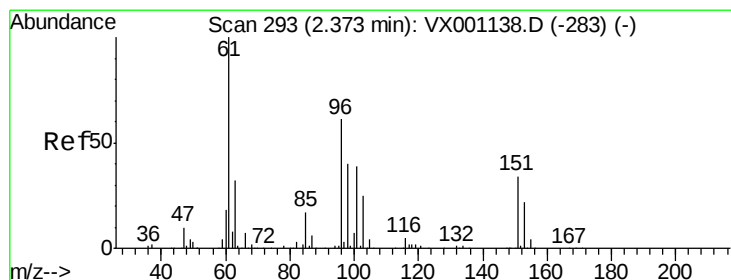
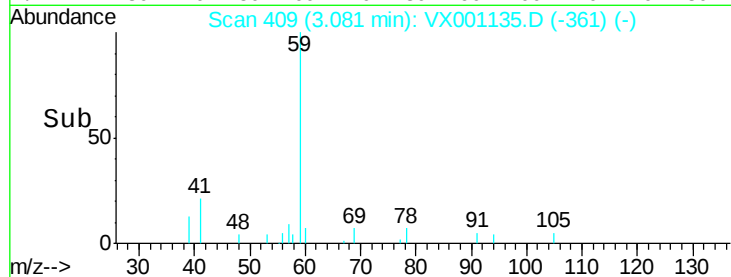
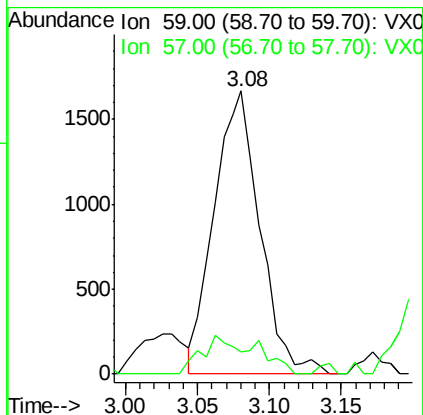
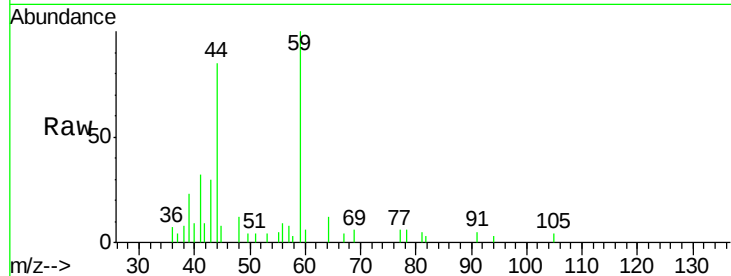


#11

Tert butyl alcohol
Concen: 8.46 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.01 min
Lab File: VX001135.D
Acq: 26 Apr 2018 17:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

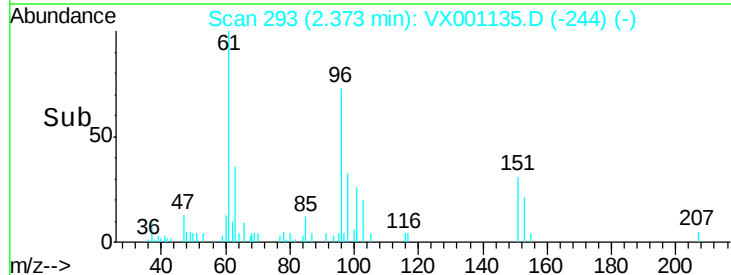
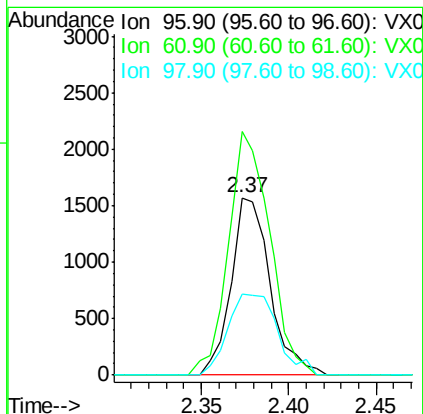
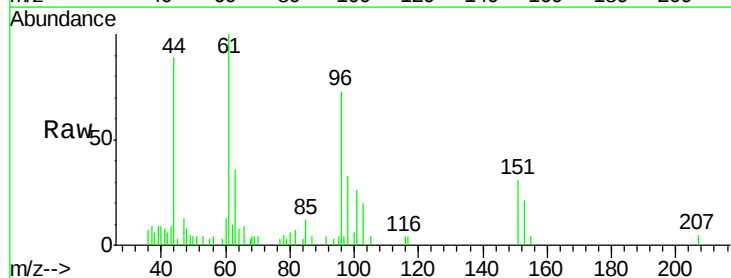
Tgt Ion: 59 Resp: 3692
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.4

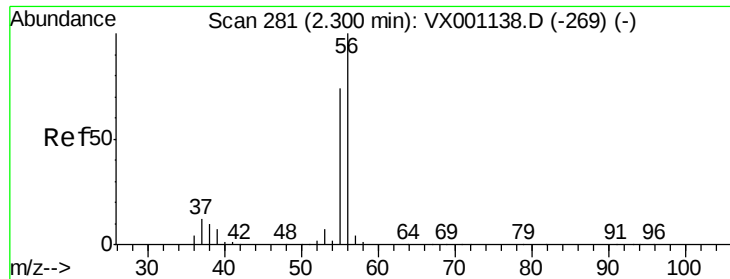


#12

1,1-Dichloroethene
Concen: 1.25 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX001135.D
Acq: 26 Apr 2018 17:03

Tgt Ion: 96 Resp: 2448
Ion Ratio Lower Upper
96 100
61 137.2 130.2 195.4
98 45.3 51.5 77.3#





#13

Acrolein

Concen: 12.06 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX001135.D

Acq: 26 Apr 2018 17:03

Instrument :

MSVOA_X

ClientSampleId :

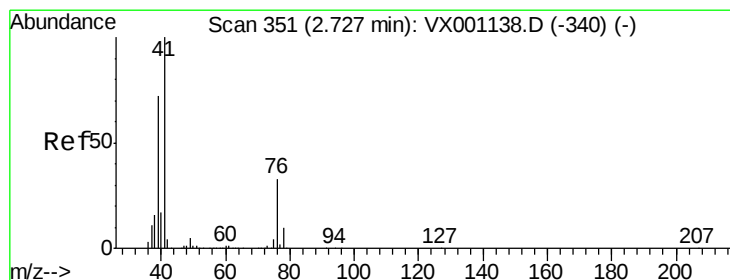
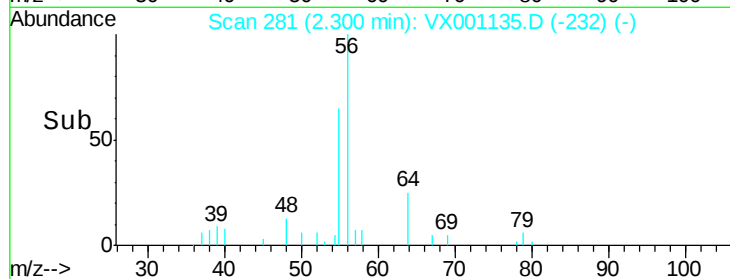
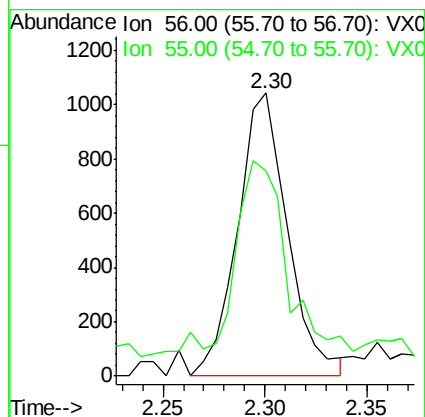
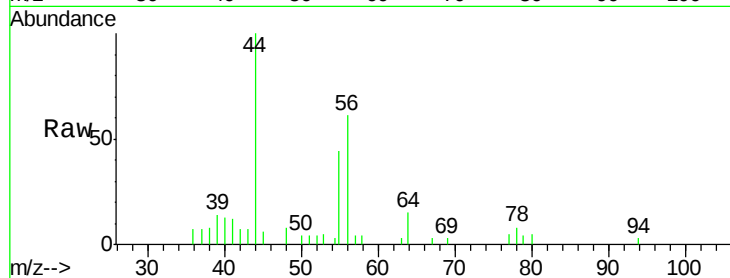
VSTDIC001

Tgt Ion: 56 Resp: 1775

Ion Ratio Lower Upper

56 100

55 75.5 57.2 85.8



#14

Allyl chloride

Concen: 1.05 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.01 min

Lab File: VX001135.D

Acq: 26 Apr 2018 17:03

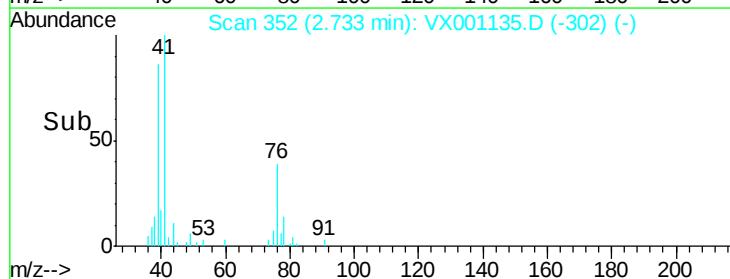
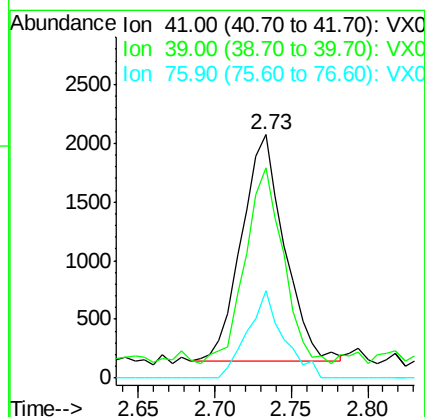
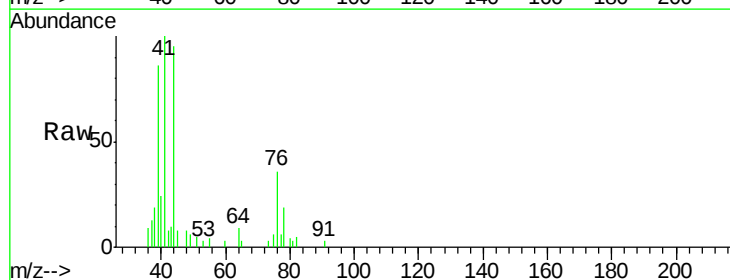
Tgt Ion: 41 Resp: 3762

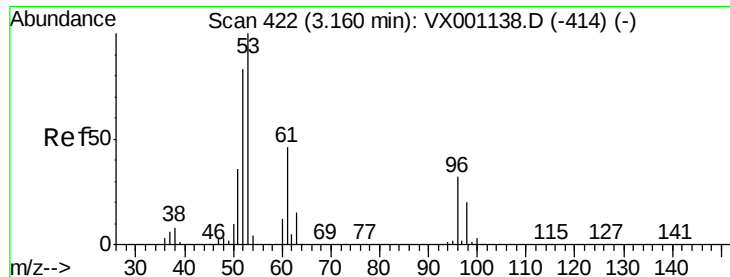
Ion Ratio Lower Upper

41 100

39 76.8 55.6 83.4

76 32.1 24.8 37.2





#15

Acrylonitrile

Concen: 6.76 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

Lab File: VX001135.D

Acq: 26 Apr 2018 17:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

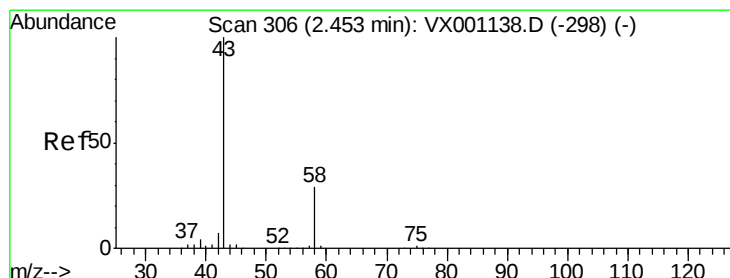
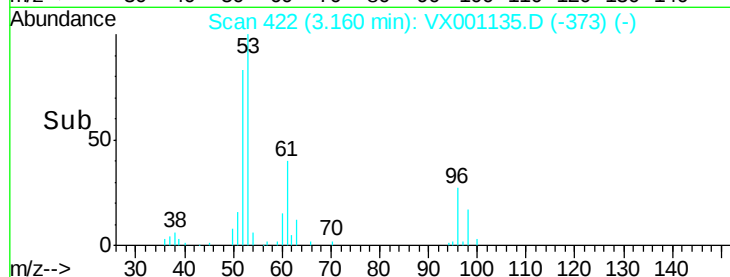
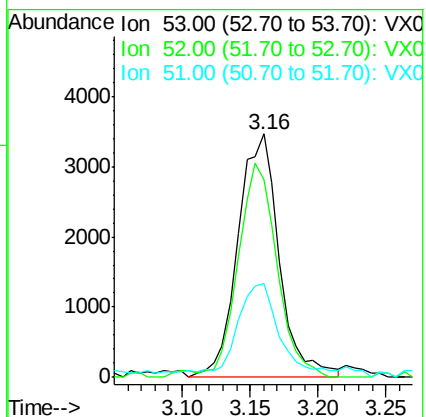
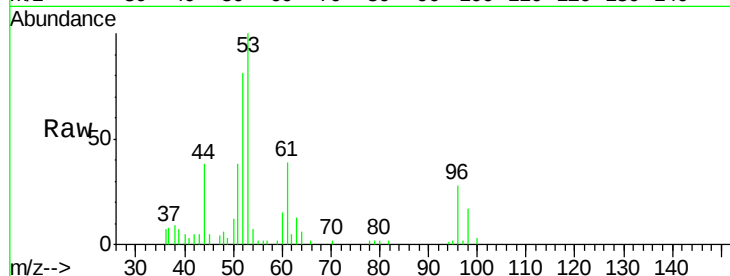
Tgt Ion: 53 Resp: 7348

Ion Ratio Lower Upper

53 100

52 82.8 66.5 99.7

51 36.5 29.5 44.3



#16

Acetone

Concen: 7.66 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001135.D

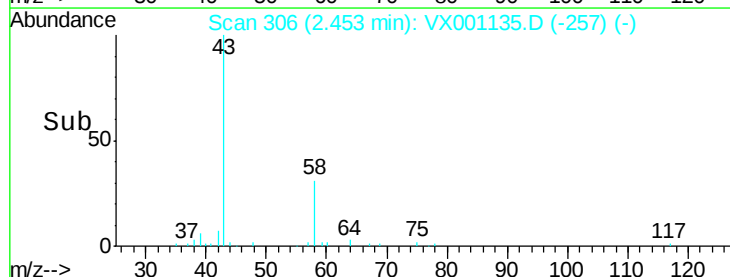
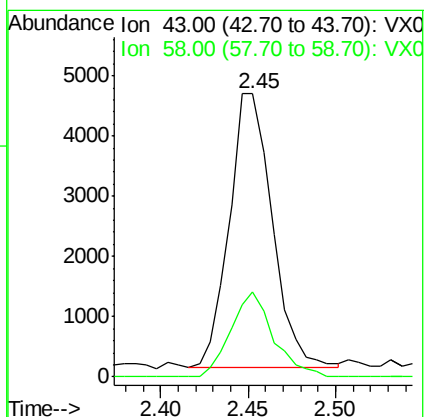
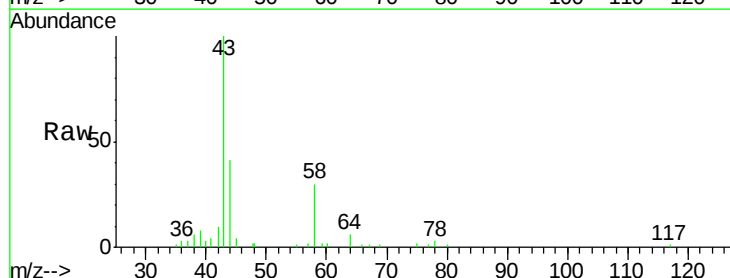
Acq: 26 Apr 2018 17:03

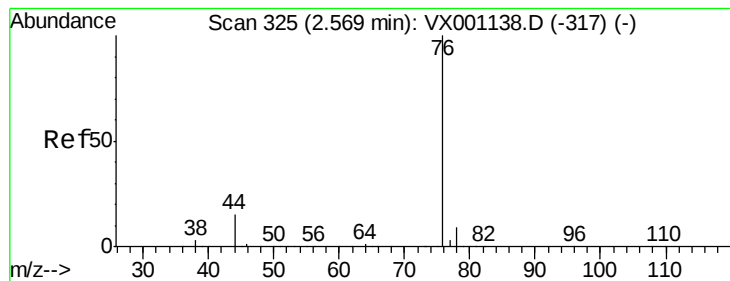
Tgt Ion: 43 Resp: 7757

Ion Ratio Lower Upper

43 100

58 31.1 23.0 34.6





#17

Carbon Disulfide

Concen: 1.04 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX001135.D

Acq: 26 Apr 2018 17:03

Instrument :

MSVOA_X

ClientSampleId :

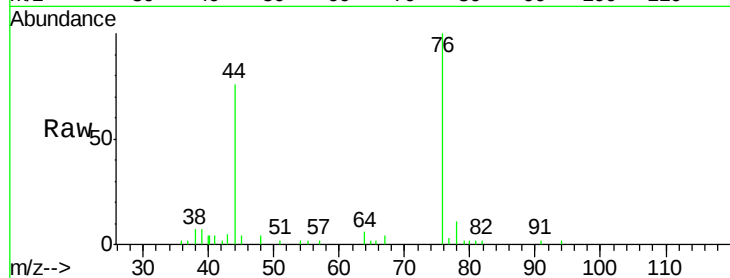
VSTDIC001

Tgt Ion: 76 Resp: 5740

Ion Ratio Lower Upper

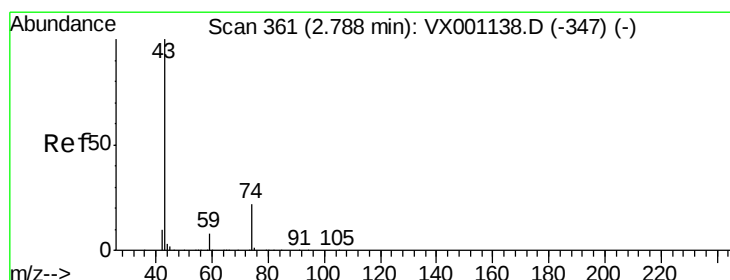
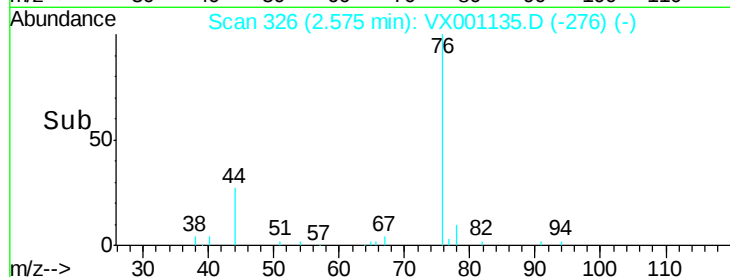
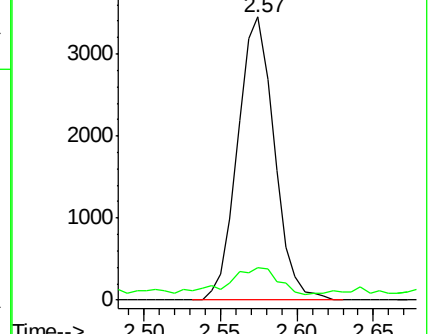
76 100

78 8.6 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 1.17 ug/l

RT: 2.79 min Scan# 361

Delta R.T. -0.00 min

Lab File: VX001135.D

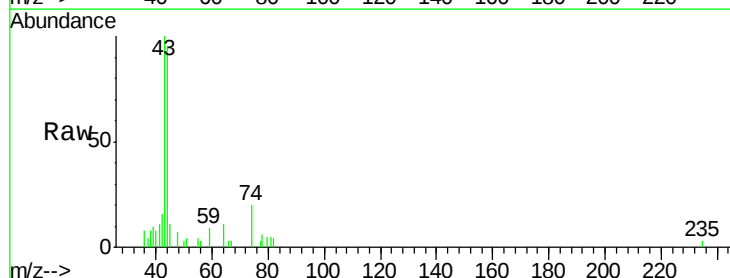
Acq: 26 Apr 2018 17:03

Tgt Ion: 43 Resp: 3424

Ion Ratio Lower Upper

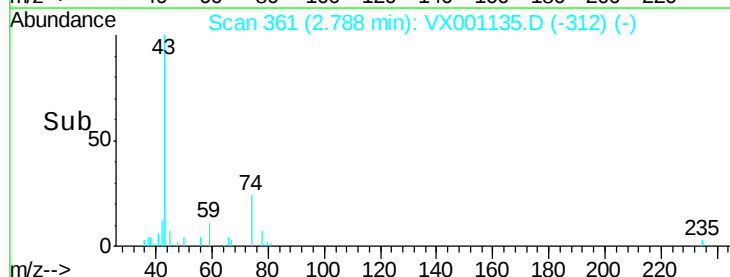
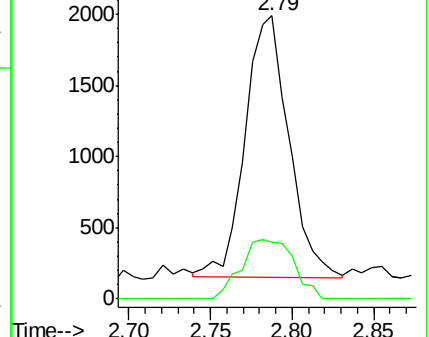
43 100

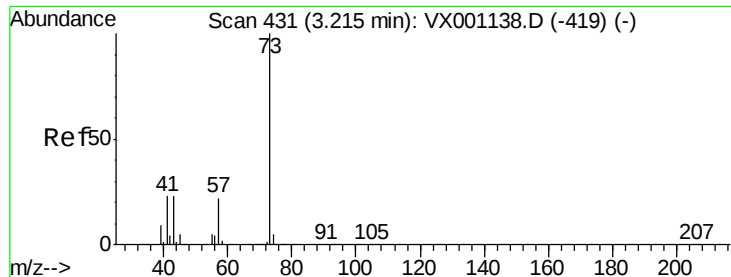
74 27.2 18.1 27.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether

Concen: 1.25 ug/l

RT: 3.21 min Scan# 430

Delta R.T. -0.01 min

Lab File: VX001135.D

Acq: 26 Apr 2018 17:03

Instrument :

MSVOA_X

ClientSampleId :

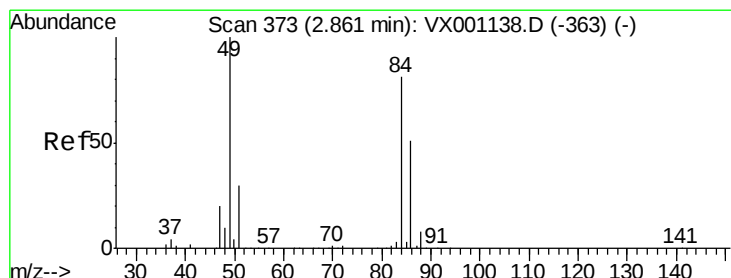
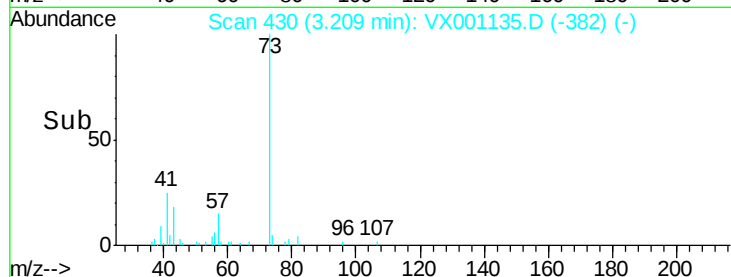
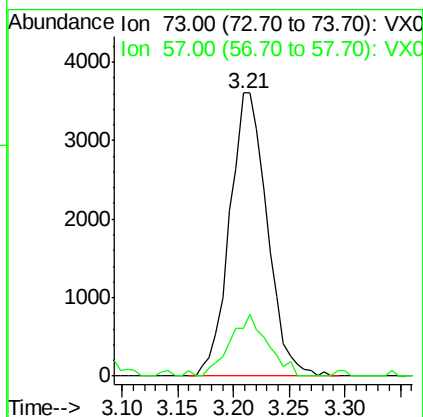
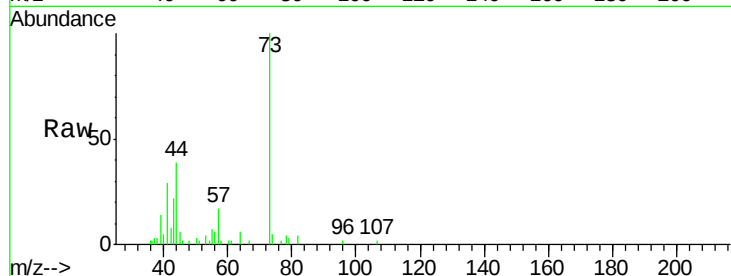
VSTDIC001

Tgt Ion: 73 Resp: 8424

Ion Ratio Lower Upper

73 100

57 15.1 17.7 26.5#



#20

Methylene Chloride

Concen: 1.34 ug/l

RT: 2.86 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX001135.D

Acq: 26 Apr 2018 17:03

Tgt Ion: 84 Resp: 3025

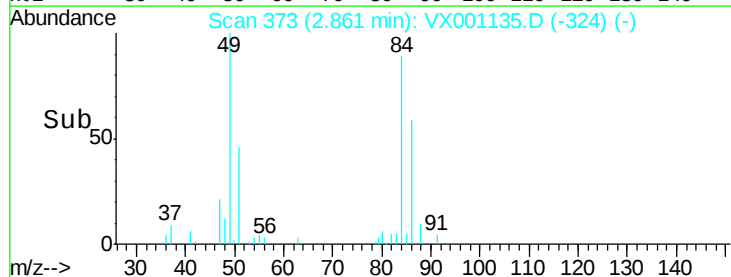
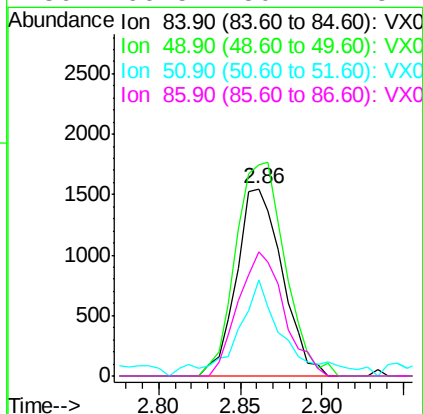
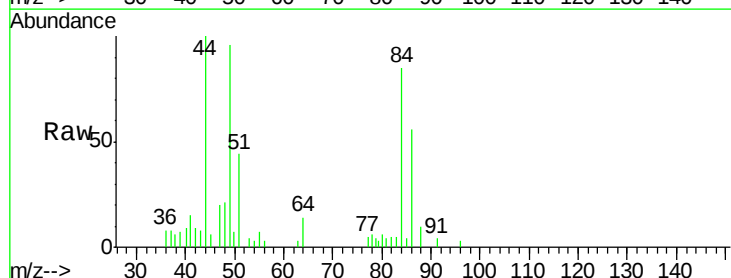
Ion Ratio Lower Upper

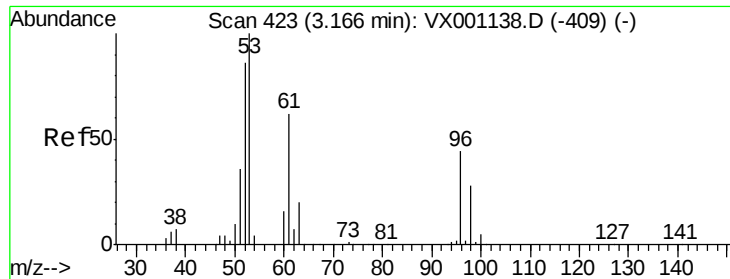
84 100

49 112.9 99.2 148.8

51 45.8 29.5 44.3#

86 66.5 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 1.22 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX001135.D

Acq: 26 Apr 2018 17:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

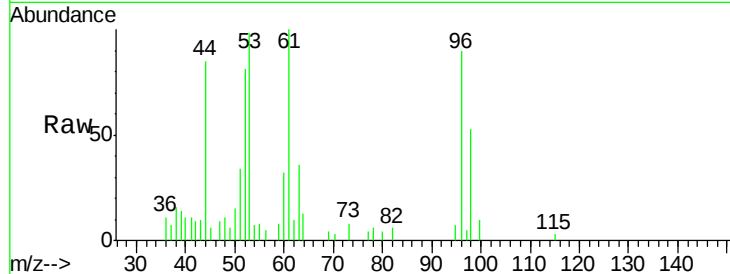
Tgt Ion: 96 Resp: 2669

Ion Ratio Lower Upper

96 100

61 111.2 111.9 167.9#

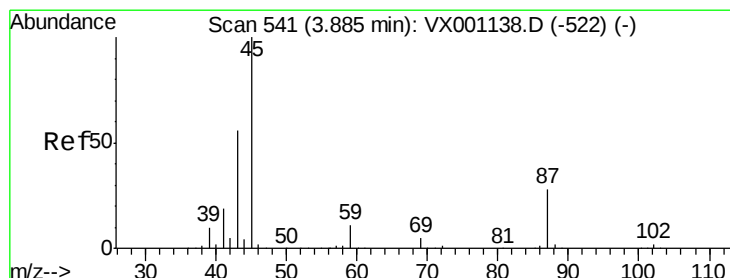
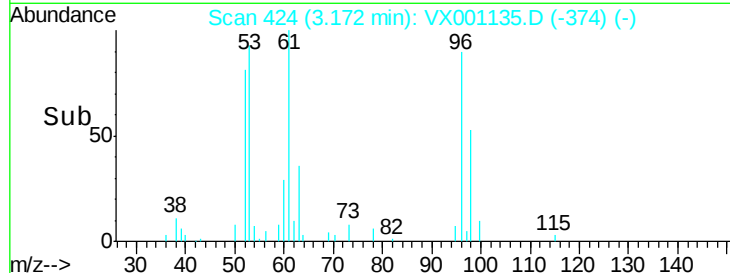
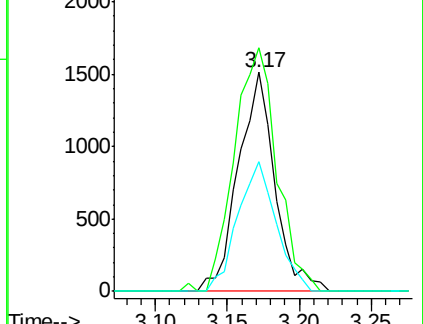
98 59.4 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 1.15 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX001135.D

Acq: 26 Apr 2018 17:03

Tgt Ion: 45 Resp: 7978

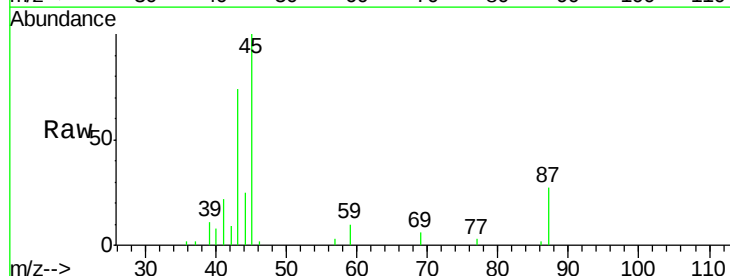
Ion Ratio Lower Upper

45 100

43 67.5 45.0 67.4#

87 27.3 22.8 34.2

59 9.9 9.0 13.6

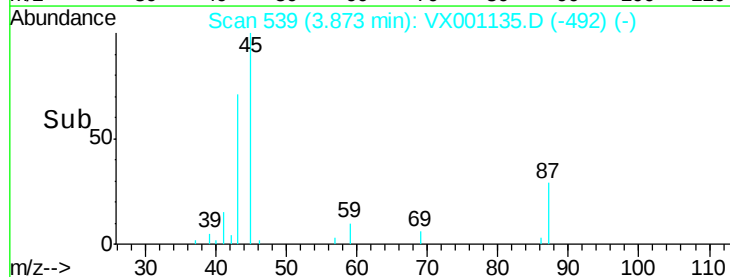
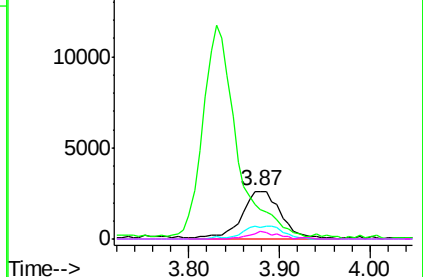


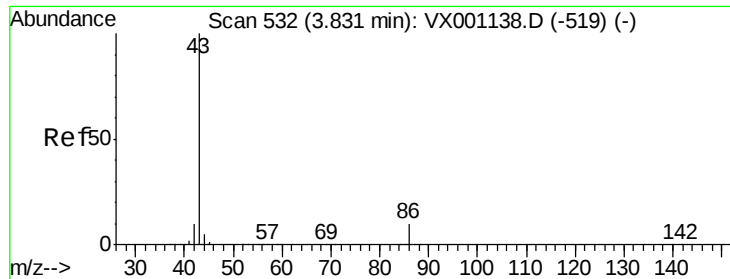
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 5.09 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX001135.D

Acq: 26 Apr 2018 17:03

Instrument :

MSVOA_X

ClientSampleId :

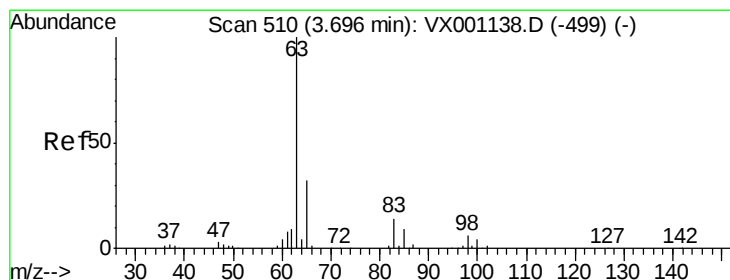
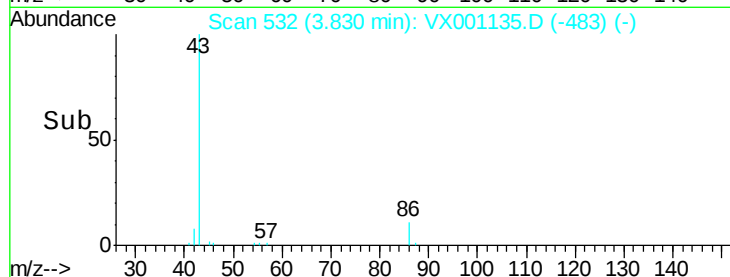
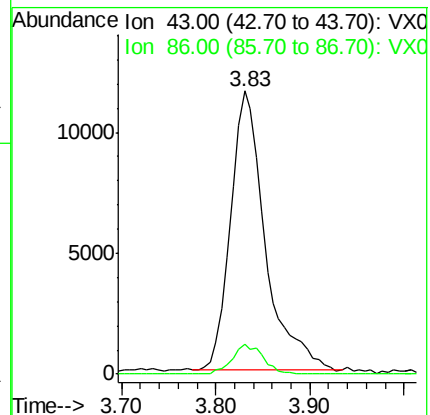
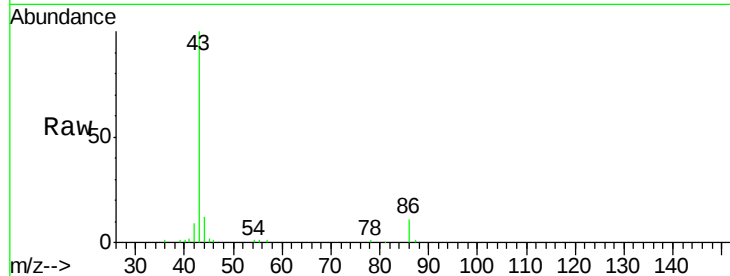
VSTDIC001

Tgt Ion: 43 Resp: 29652

Ion Ratio Lower Upper

43 100

86 10.7 8.0 12.0



#24

1,1-Dichloroethane

Concen: 1.18 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX001135.D

Acq: 26 Apr 2018 17:03

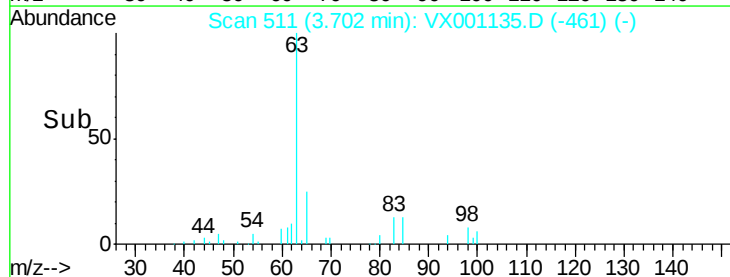
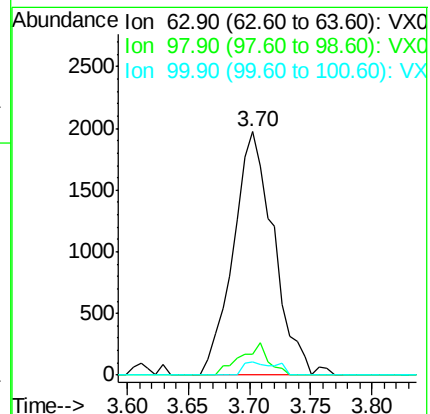
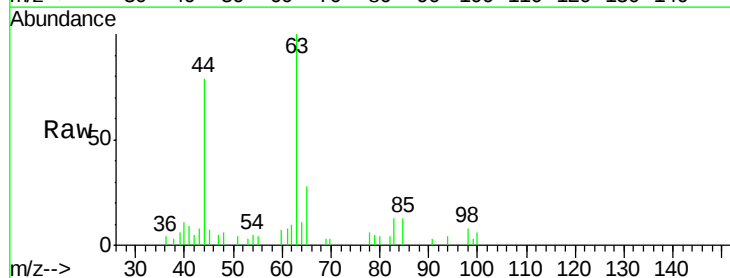
Tgt Ion: 63 Resp: 4532

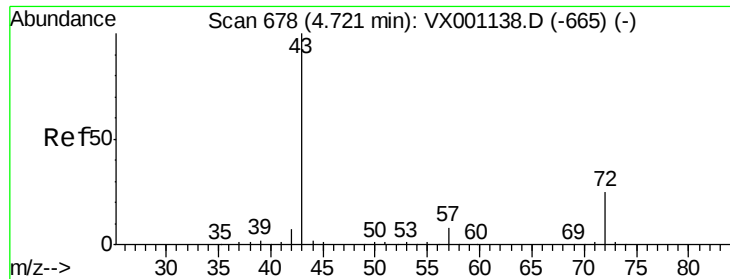
Ion Ratio Lower Upper

63 100

98 8.4 3.1 9.4

100 5.7 2.1 6.5





#25

2-Butanone

Concen: 7.02 ug/l

RT: 4.72 min Scan# 678

Delta R.T. -0.00 min

Lab File: VX001135.D

Acq: 26 Apr 2018 17:03

Instrument :

MSVOA_X

ClientSampleId :

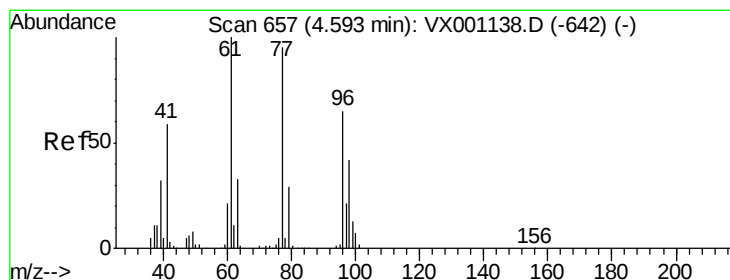
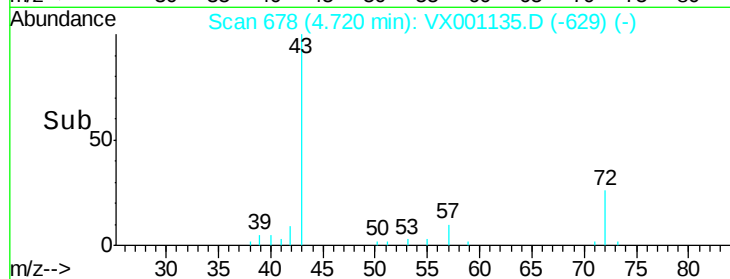
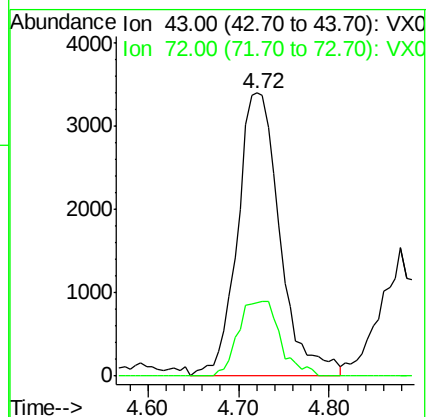
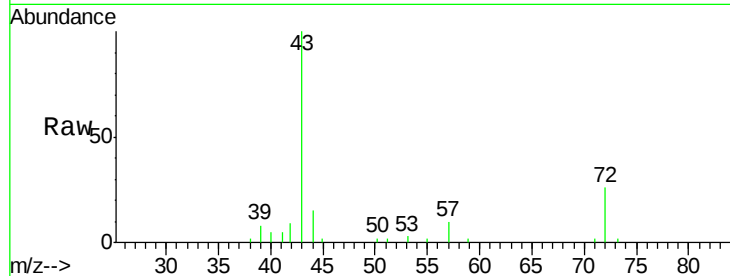
VSTDIC001

Tgt Ion: 43 Resp: 11036

Ion Ratio Lower Upper

43 100

72 26.0 20.0 30.0



#26

2,2-Dichloropropane

Concen: 1.02 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX001135.D

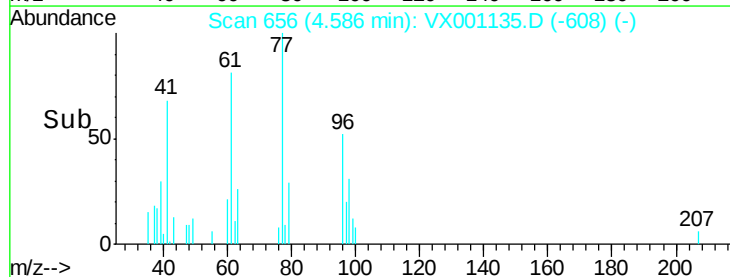
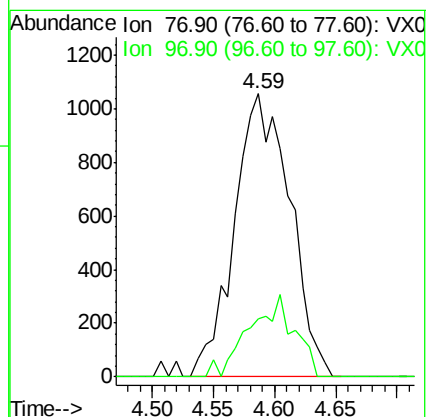
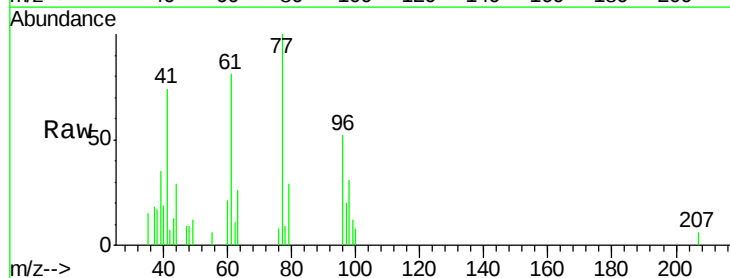
Acq: 26 Apr 2018 17:03

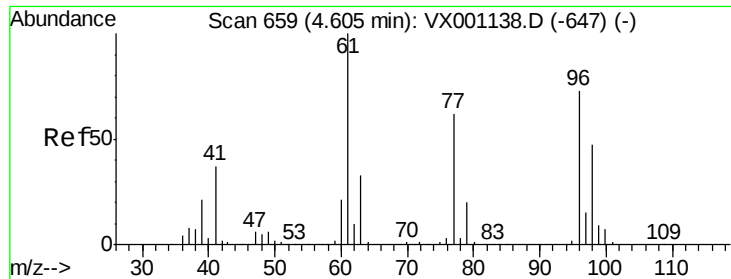
Tgt Ion: 77 Resp: 3329

Ion Ratio Lower Upper

77 100

97 23.4 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 1.09 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001135.D

Acq: 26 Apr 2018 17:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

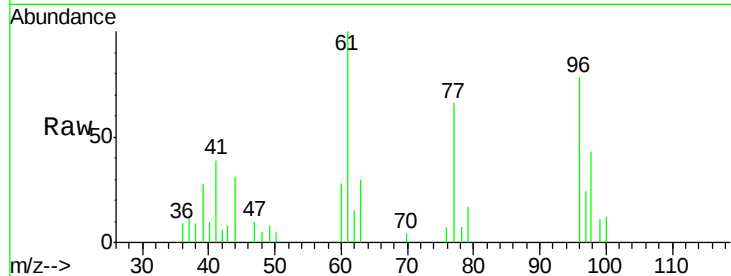
Tgt Ion: 96 Resp: 2669

Ion Ratio Lower Upper

96 100

61 140.6 0.0 289.0

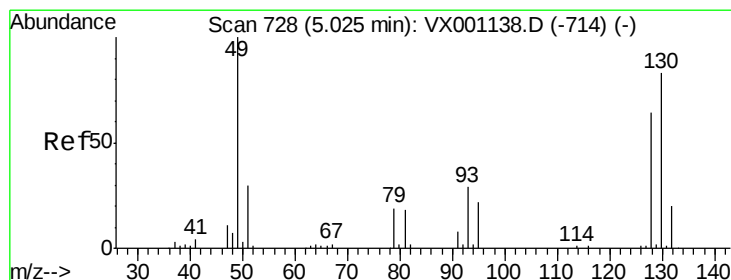
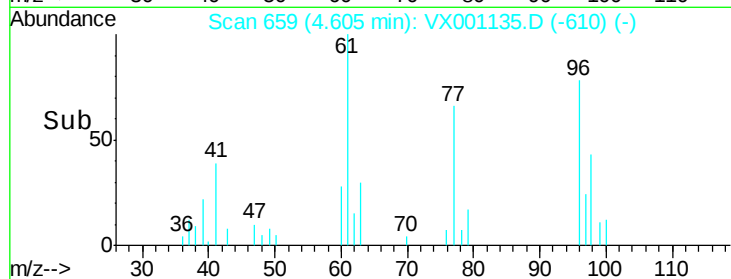
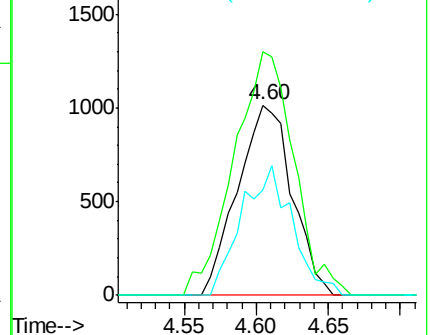
98 63.4 0.0 128.2



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: 1.20 ug/l

RT: 5.03 min Scan# 729

Delta R.T. 0.01 min

Lab File: VX001135.D

Acq: 26 Apr 2018 17:03

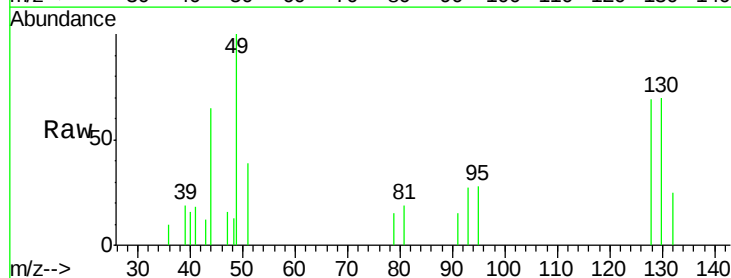
Tgt Ion: 49 Resp: 1844

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.6

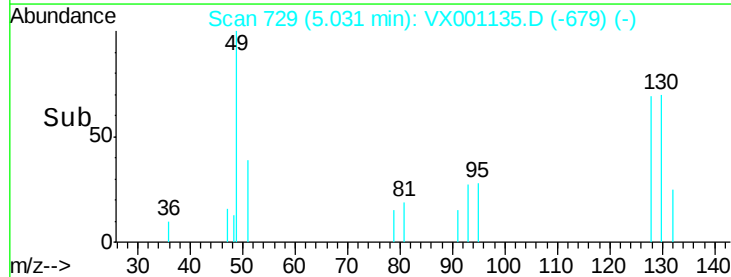
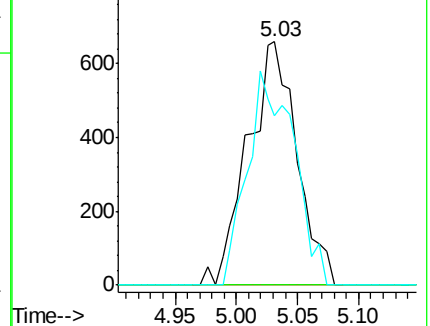
130 83.3 68.2 102.2

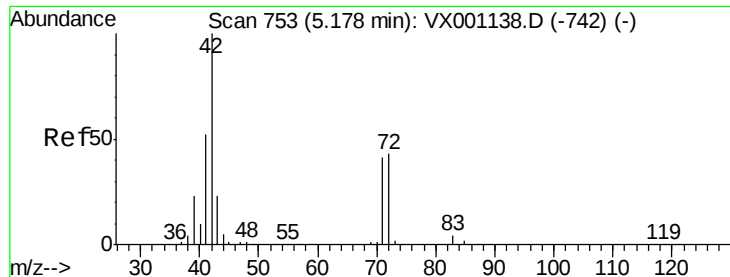


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

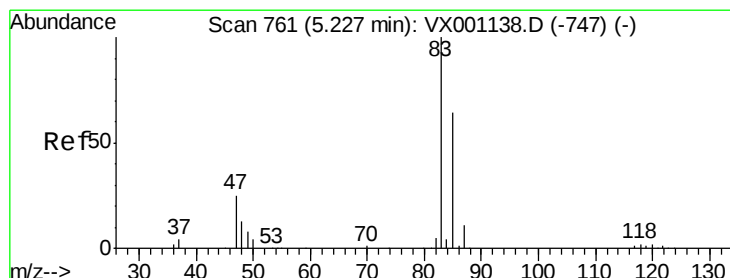
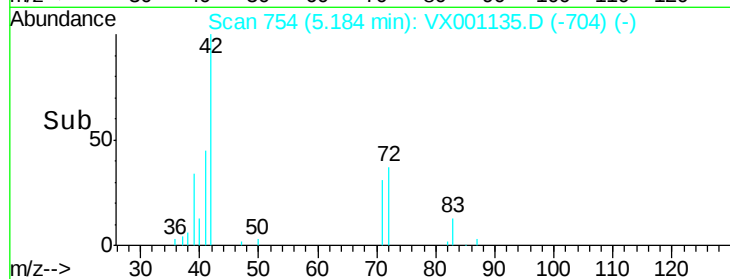
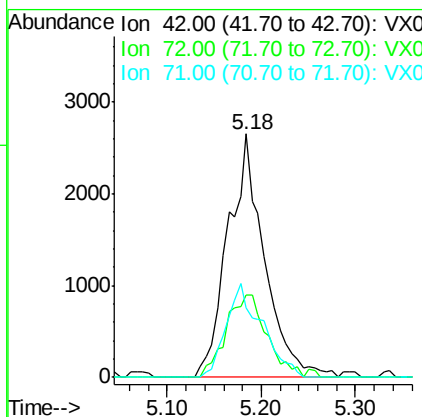
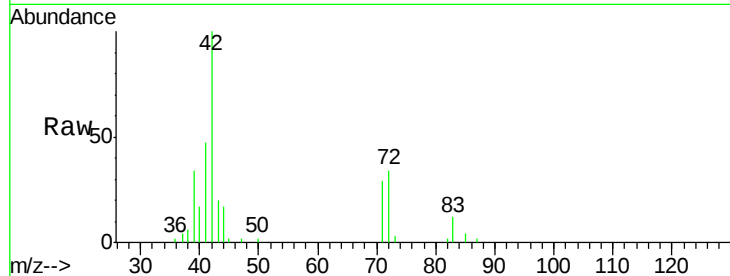




#29
Tetrahydrofuran
Concen: 7.22 ug/l
RT: 5.18 min Scan# 754
Delta R.T. 0.01 min
Lab File: VX001135.D
Acq: 26 Apr 2018 17:03

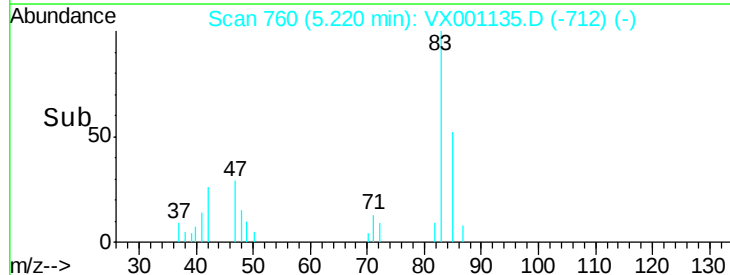
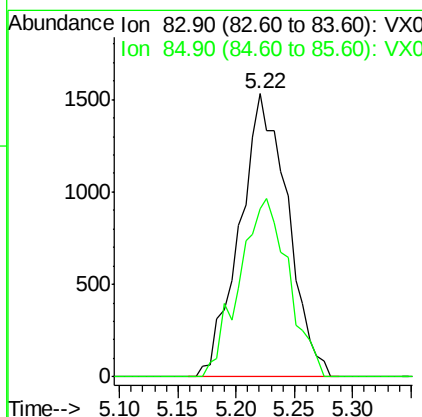
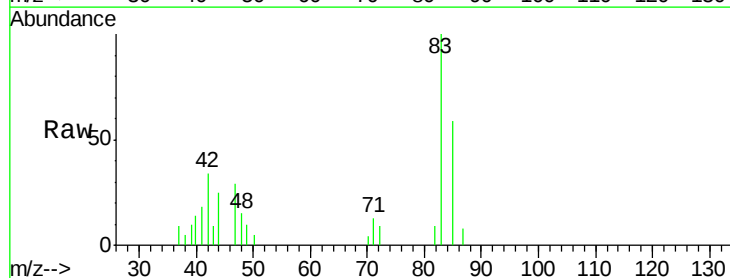
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

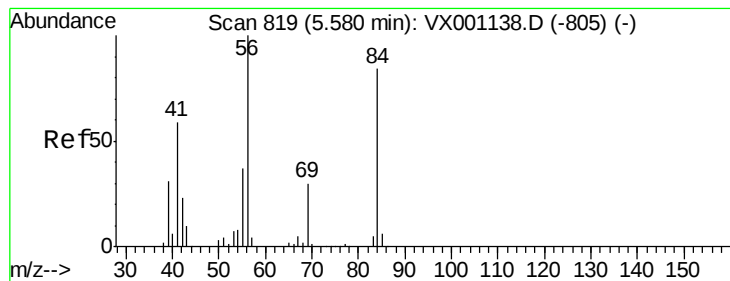
Tgt Ion: 42 Resp: 7183
Ion Ratio Lower Upper
42 100
72 37.6 34.4 51.6
71 37.9 32.1 48.1



#30
Chloroform
Concen: 1.09 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.01 min
Lab File: VX001135.D
Acq: 26 Apr 2018 17:03

Tgt Ion: 83 Resp: 4379
Ion Ratio Lower Upper
83 100
85 59.4 51.4 77.0





#31

Cyclohexane

Concen: 1.03 ug/l

RT: 5.59 min Scan# 820

Delta R.T. 0.01 min

Lab File: VX001135.D

Acq: 26 Apr 2018 17:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

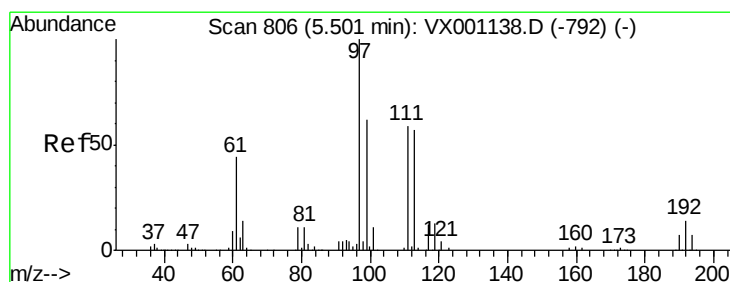
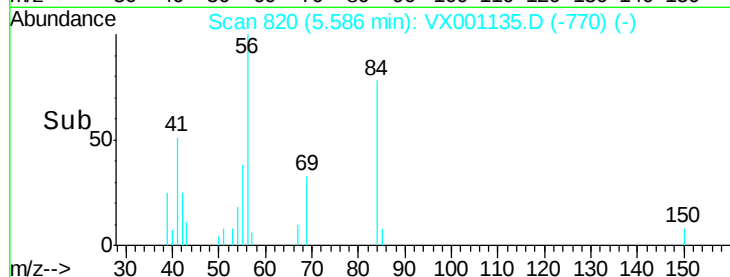
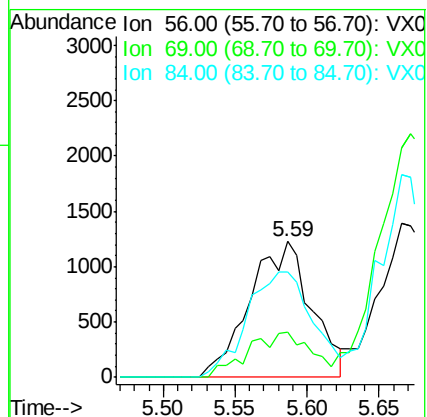
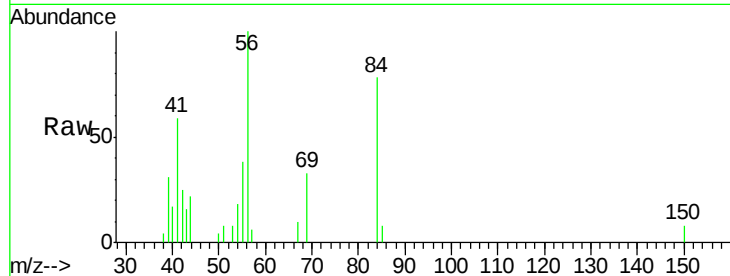
Tgt Ion: 56 Resp: 3636

Ion Ratio Lower Upper

56 100

69 33.1 24.2 36.2

84 77.9 67.5 101.3



#32

1,1,1-Trichloroethane

Concen: 1.03 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX001135.D

Acq: 26 Apr 2018 17:03

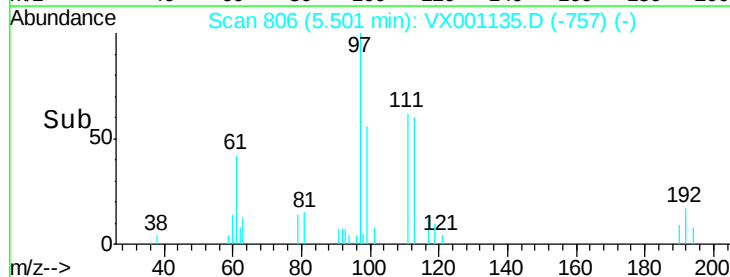
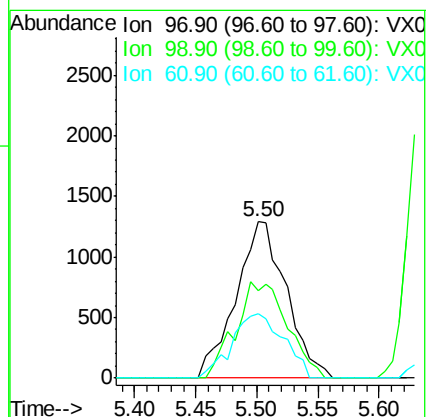
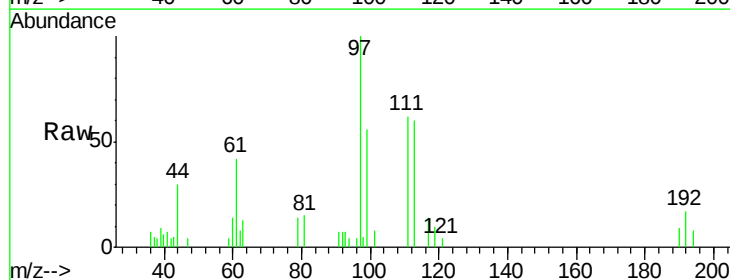
Tgt Ion: 97 Resp: 3681

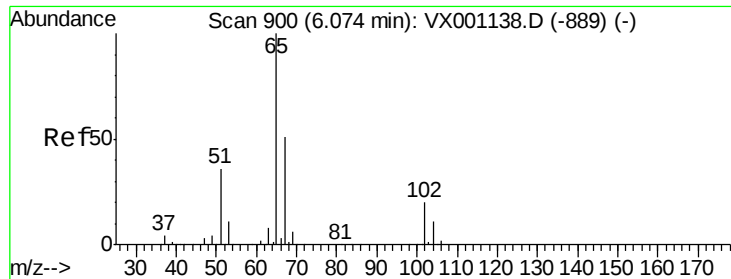
Ion Ratio Lower Upper

97 100

99 0.0 50.9 76.3#

61 42.3 35.0 52.6

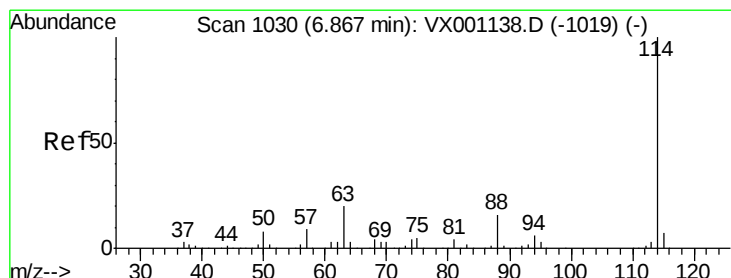
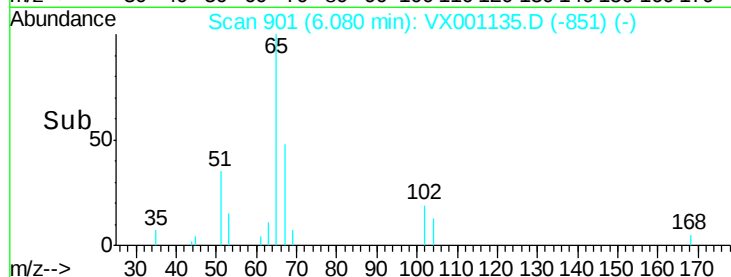
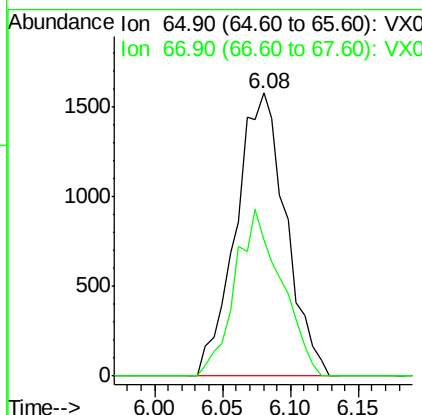
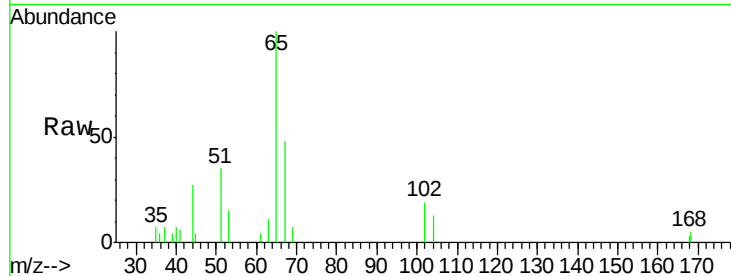




#33
 1,2-Dichloroethane-d4
 Concen: 1.54 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX001135.D
 Acq: 26 Apr 2018 17:03

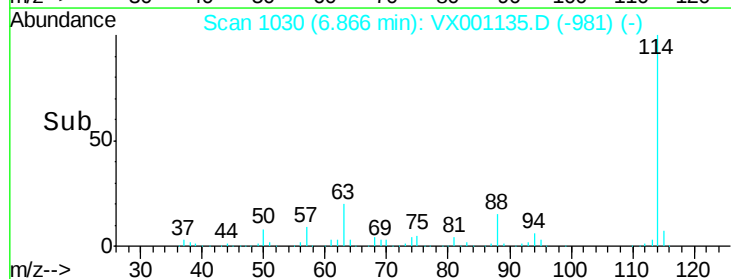
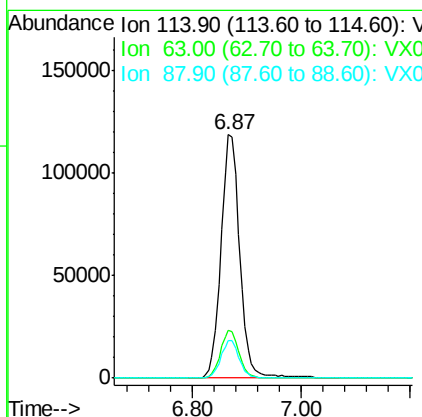
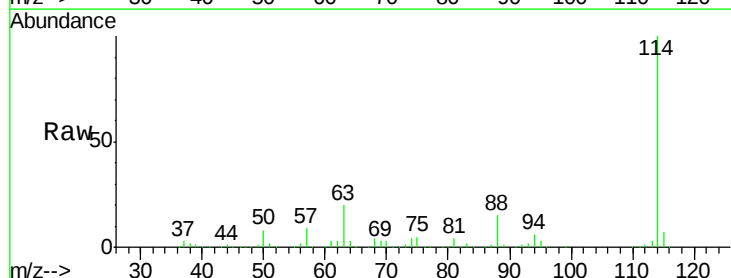
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

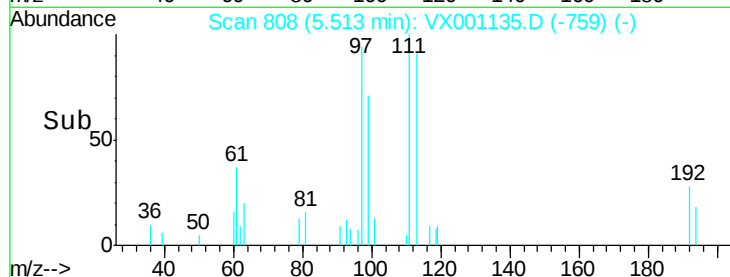
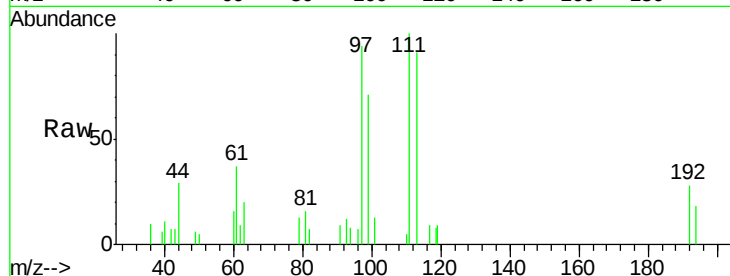
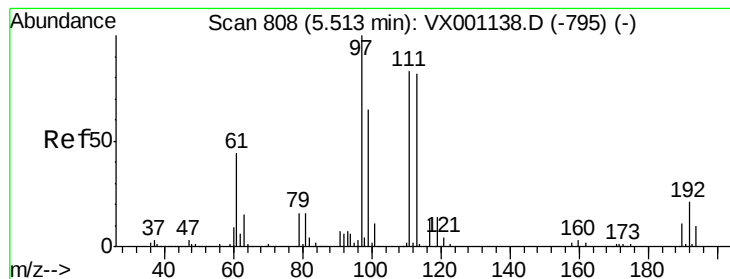
Tgt Ion: 65 Resp: 4052
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001135.D
 Acq: 26 Apr 2018 17:03

Tgt Ion: 114 Resp: 284818
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.4
 88 15.3 0.0 31.8





#35

Dibromofluoromethane

Concen: 1.14 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX001135.D

Acq: 26 Apr 2018 17:03

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

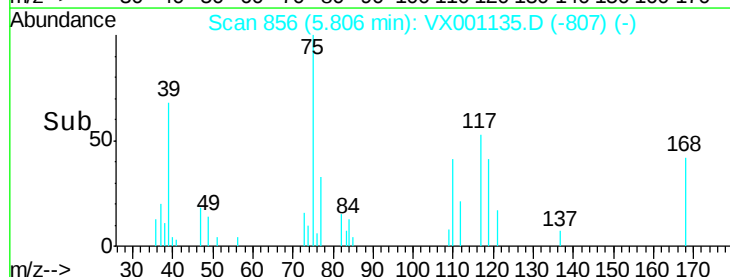
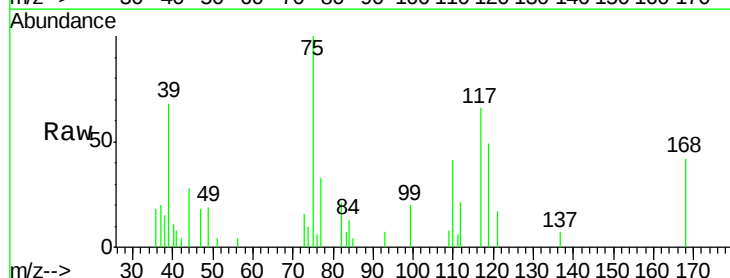
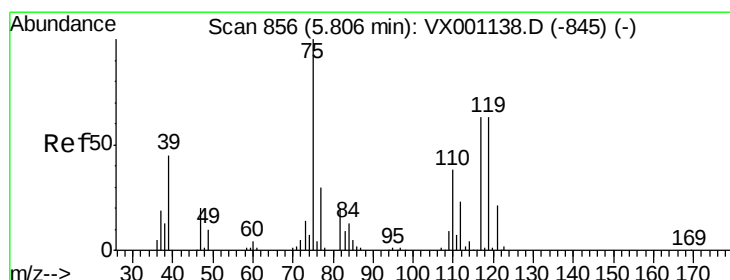
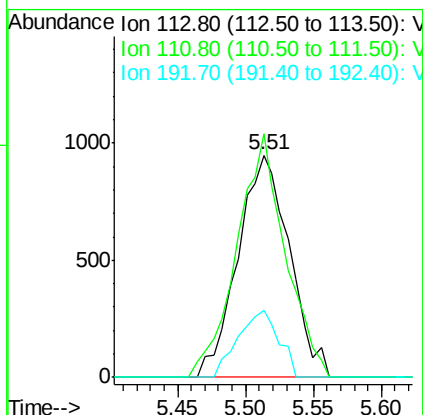
Tgt Ion:113 Resp: 2507

Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.4

192 23.9 20.6 30.8



#36

1,1-Dichloropropene

Concen: 1.13 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.00 min

Lab File: VX001135.D

Acq: 26 Apr 2018 17:03

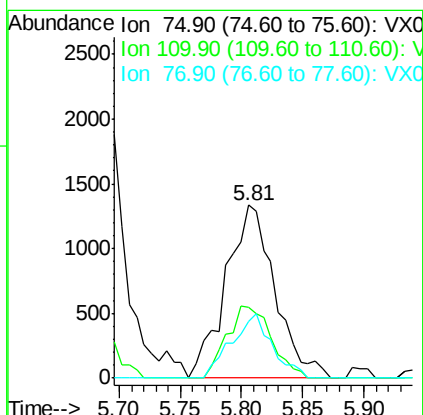
Tgt Ion: 75 Resp: 3725

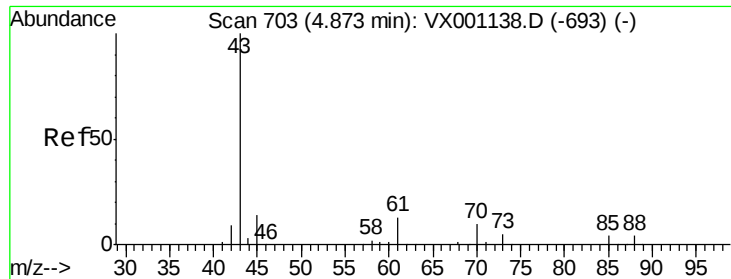
Ion Ratio Lower Upper

75 100

110 37.6 19.0 57.0

77 30.8 24.8 37.2





#37

Ethyl Acetate

Concen: 1.29 ug/l

RT: 4.88 min Scan# 704

Delta R.T. 0.01 min

Lab File: VX001135.D

Acq: 26 Apr 2018 17:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

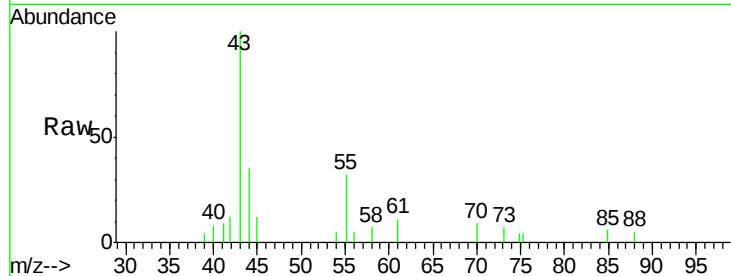
Tgt Ion: 43 Resp: 4092

Ion Ratio Lower Upper

43 100

61 14.3 11.0 16.6

70 6.8 8.2 12.2#

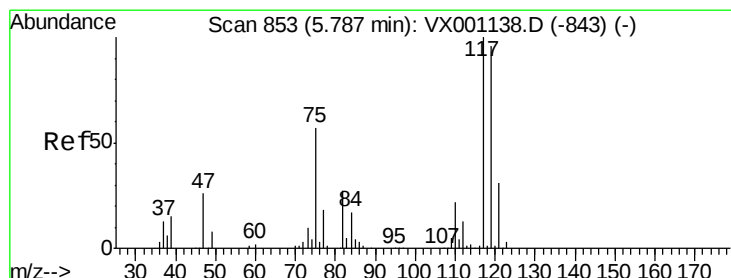
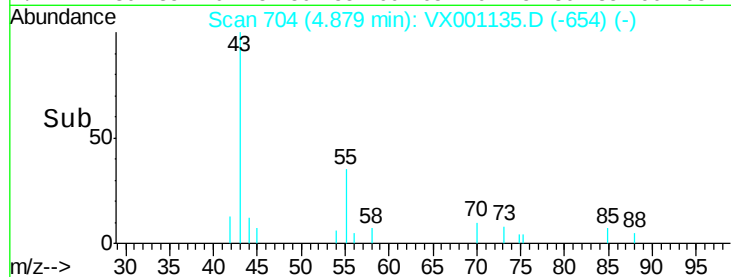


Abundance Ion 43.00 (42.70 to 43.70): VX001135.D (-693) (-)

Ion 60.90 (60.60 to 61.60): VX001135.D (-693) (-)

Ion 70.00 (69.70 to 70.70): VX001135.D (-693) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 1.00 ug/l

RT: 5.78 min Scan# 852

Delta R.T. -0.01 min

Lab File: VX001135.D

Acq: 26 Apr 2018 17:03

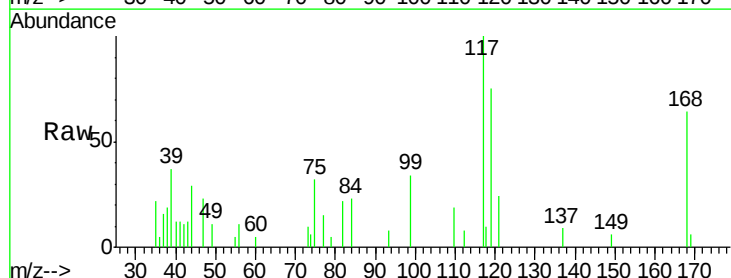
Tgt Ion: 117 Resp: 3362

Ion Ratio Lower Upper

117 100

119 75.3 76.5 114.7#

121 23.6 24.6 37.0#

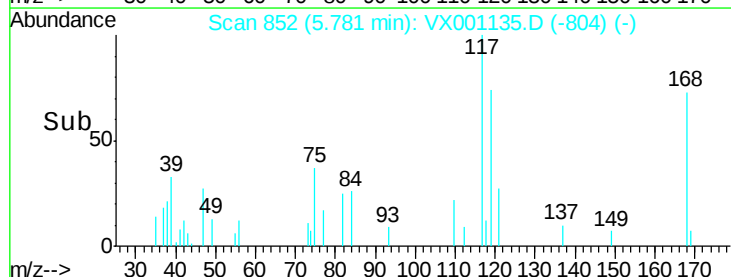


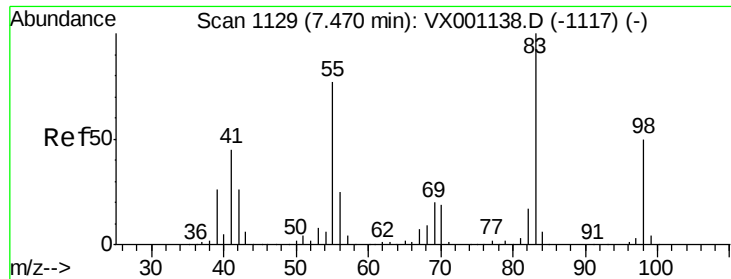
Abundance Ion 116.80 (116.50 to 117.50): VX001135.D (-804) (-)

Ion 118.80 (118.50 to 119.50): VX001135.D (-804) (-)

Ion 120.80 (120.50 to 121.50): VX001135.D (-804) (-)

Time-->

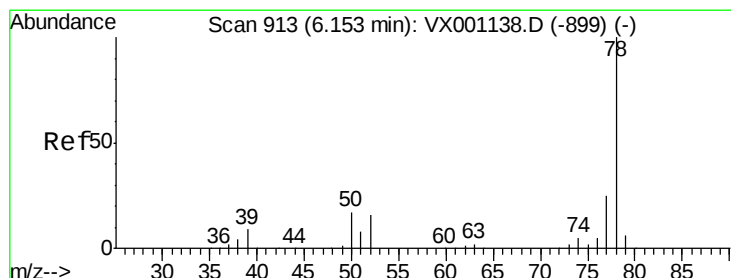
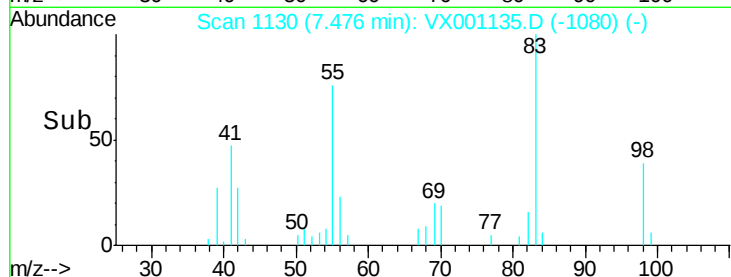
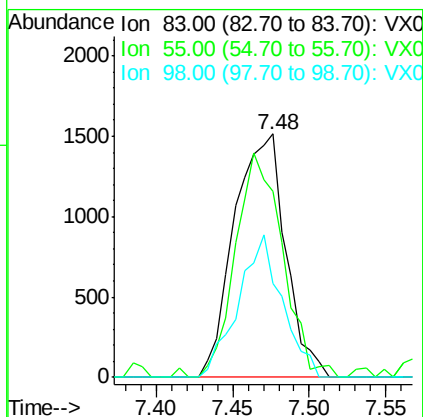
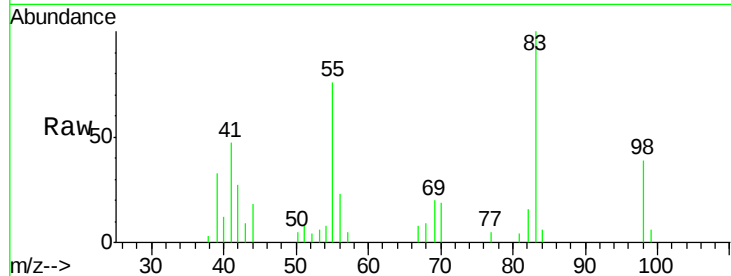




#39
Methylcyclohexane
Concen: 0.93 ug/l
RT: 7.48 min Scan# 1130
Delta R.T. 0.01 min
Lab File: VX001135.D
Acq: 26 Apr 2018 17:03

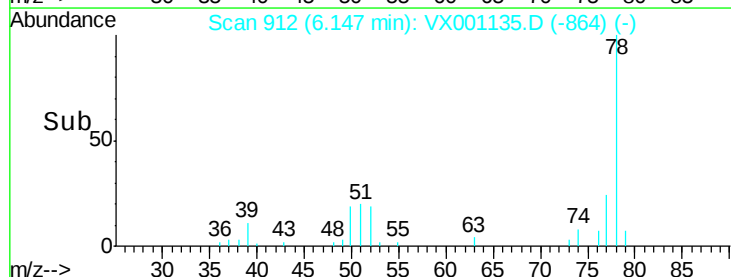
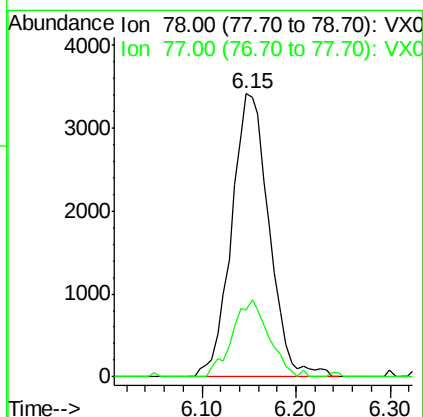
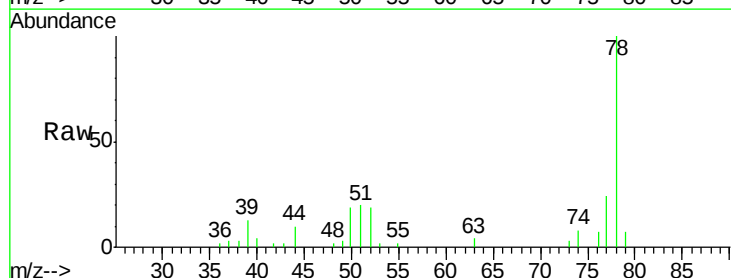
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

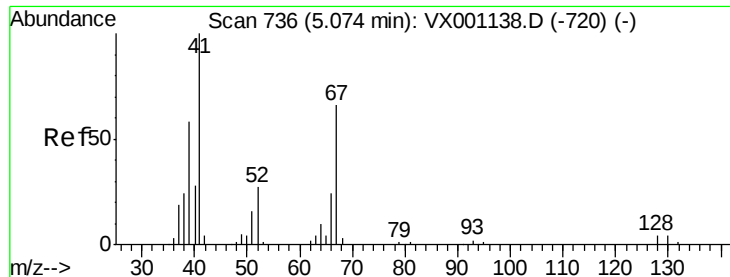
Tgt Ion: 83 Resp: 3535
Ion Ratio Lower Upper
83 100
55 76.4 61.8 92.6
98 38.7 40.0 60.0#



#40
Benzene
Concen: 1.02 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.01 min
Lab File: VX001135.D
Acq: 26 Apr 2018 17:03

Tgt Ion: 78 Resp: 9466
Ion Ratio Lower Upper
78 100
77 23.5 19.7 29.5





#41

Methacrylonitrile

Concen: 1.13 ug/l

RT: 5.08 min Scan# 737

Delta R.T. 0.01 min

Lab File: VX001135.D

Acq: 26 Apr 2018 17:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 41 Resp: 2217

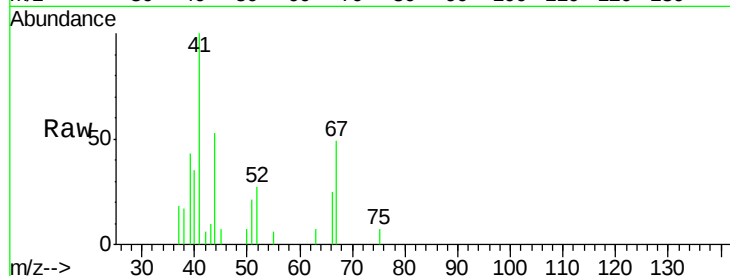
Ion Ratio Lower Upper

41 100

39 77.9 45.9 68.9#

67 68.2 53.2 79.8

52 33.0 23.1 34.7

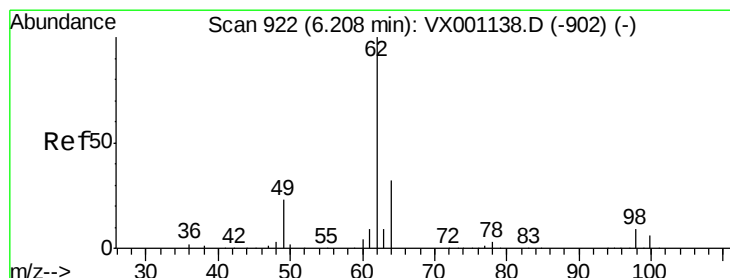
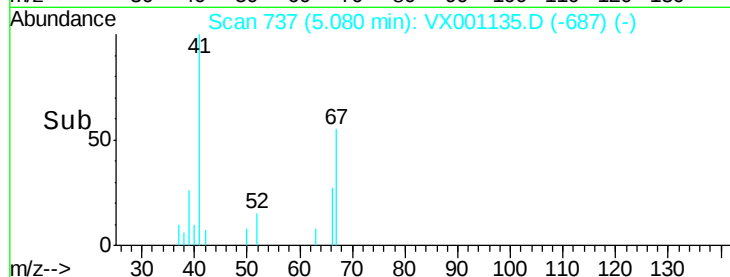
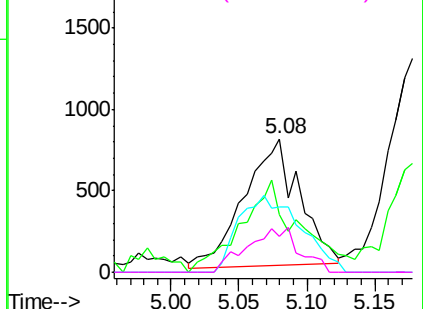


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 1.05 ug/l

RT: 6.20 min Scan# 921

Delta R.T. -0.01 min

Lab File: VX001135.D

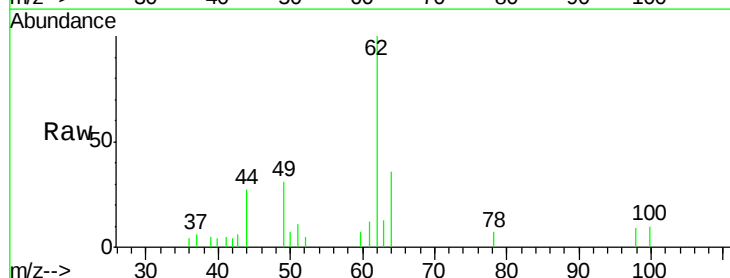
Acq: 26 Apr 2018 17:03

Tgt Ion: 62 Resp: 3784

Ion Ratio Lower Upper

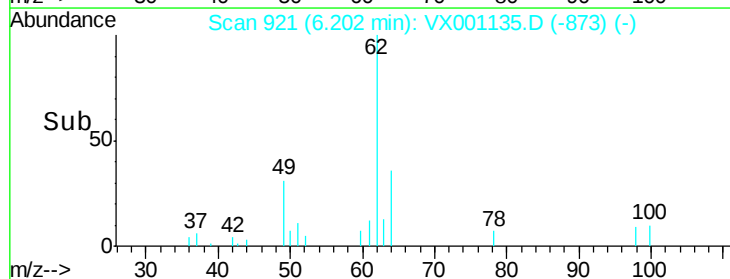
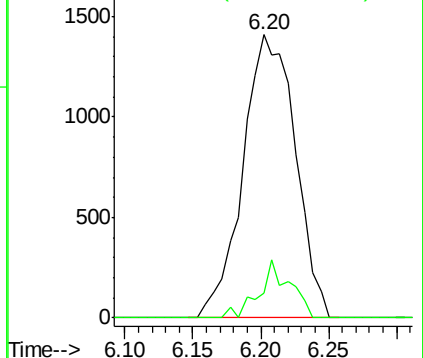
62 100

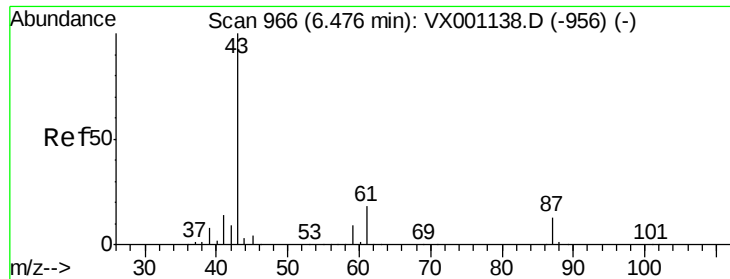
98 12.1 0.0 17.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

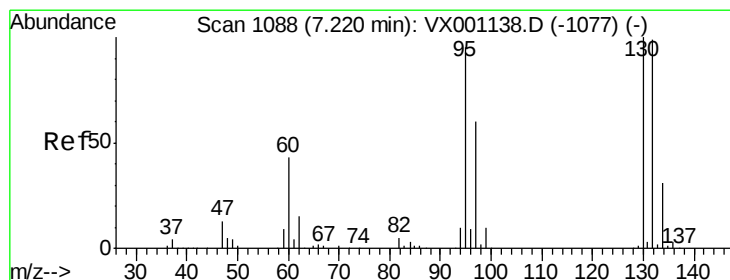
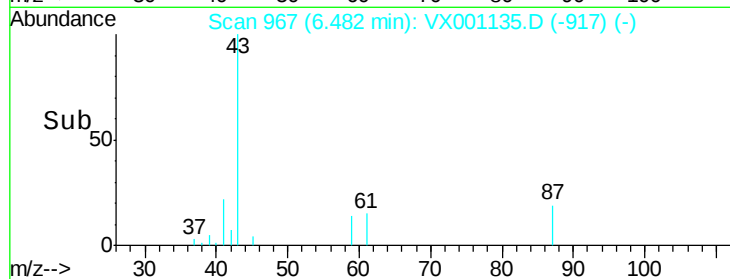
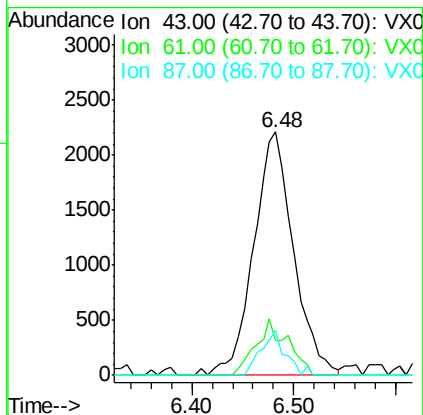
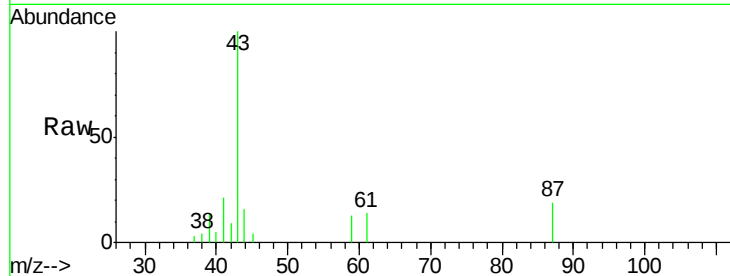




#43
Isopropyl Acetate
Concen: 1.12 ug/l
RT: 6.48 min Scan# 967
Delta R.T. 0.01 min
Lab File: VX001135.D
Acq: 26 Apr 2018 17:03

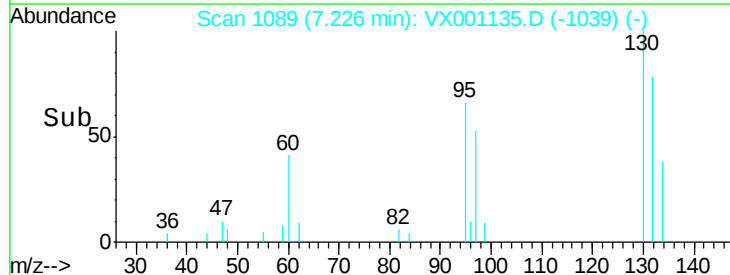
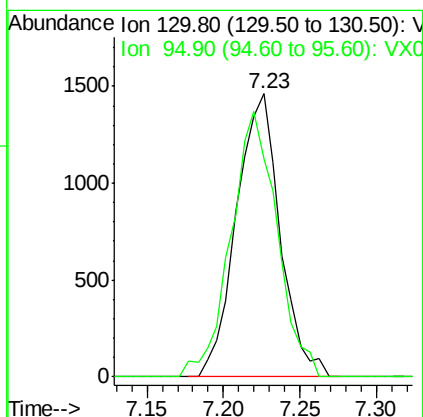
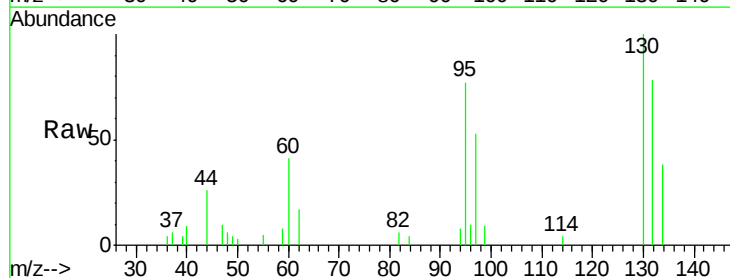
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

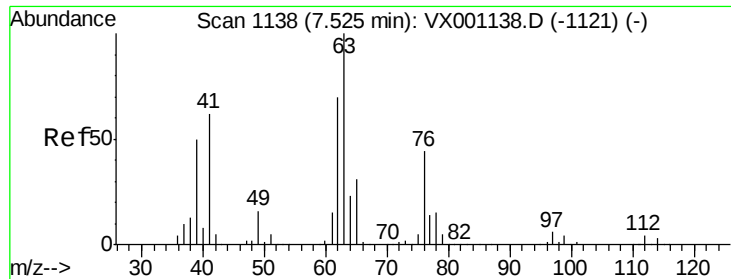
Tgt Ion: 43 Resp: 6014
Ion Ratio Lower Upper
43 100
61 18.5 15.0 22.6
87 11.4 10.3 15.5



#44
Trichloroethene
Concen: 1.03 ug/l
RT: 7.23 min Scan# 1089
Delta R.T. 0.01 min
Lab File: VX001135.D
Acq: 26 Apr 2018 17:03

Tgt Ion: 130 Resp: 2902
Ion Ratio Lower Upper
130 100
95 76.9 0.0 189.6

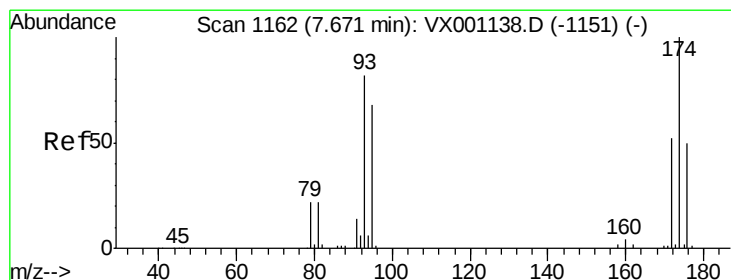
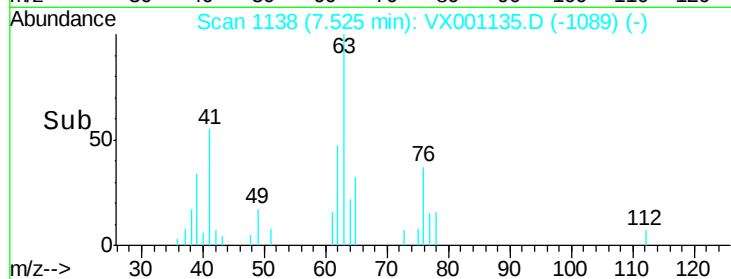
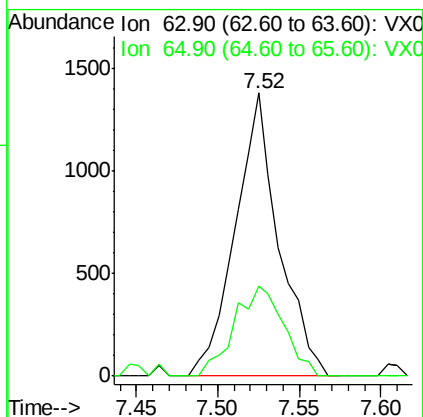
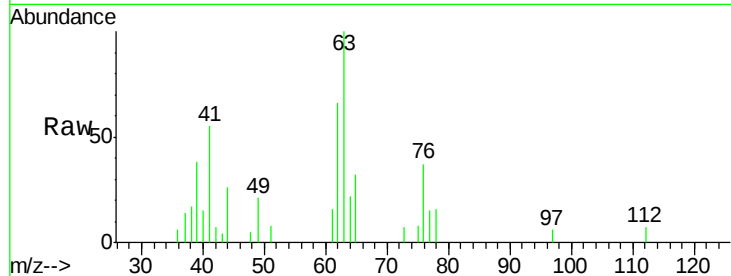




#45
 1,2-Dichloropropane
 Concen: 1.09 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX001135.D
 Acq: 26 Apr 2018 17:03

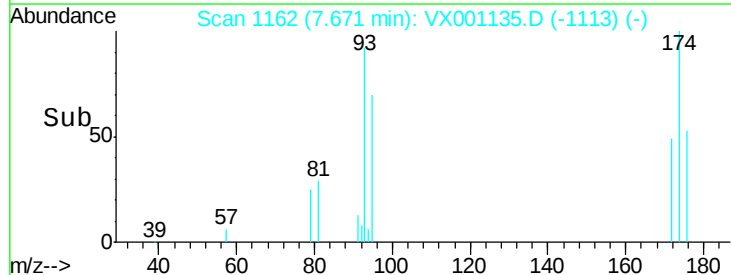
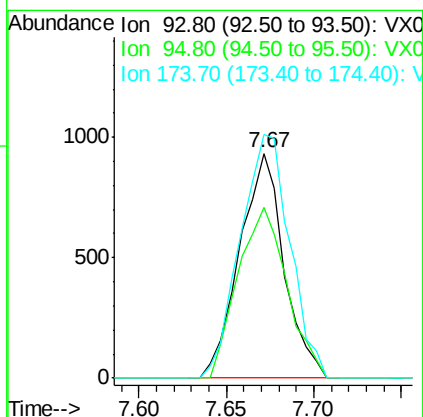
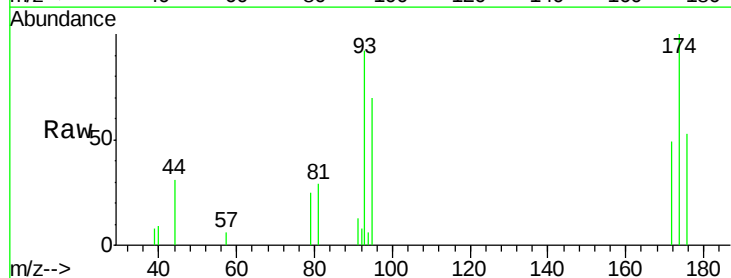
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

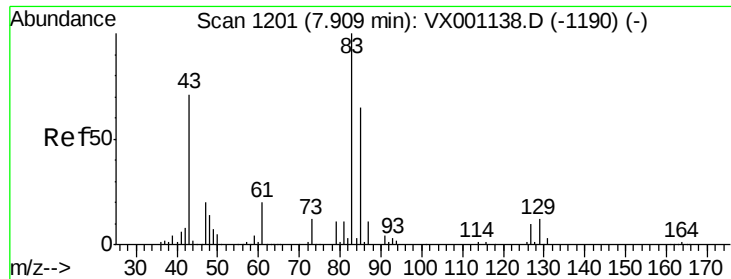
Tgt Ion: 63 Resp: 2550
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.9 37.3



#46
 Dibromomethane
 Concen: 1.00 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX001135.D
 Acq: 26 Apr 2018 17:03

Tgt Ion: 93 Resp: 1647
 Ion Ratio Lower Upper
 93 100
 95 83.9 66.4 99.6
 174 120.8 99.6 149.4





#47

Bromodichloromethane

Concen: 0.89 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX001135.D

Acq: 26 Apr 2018 17:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

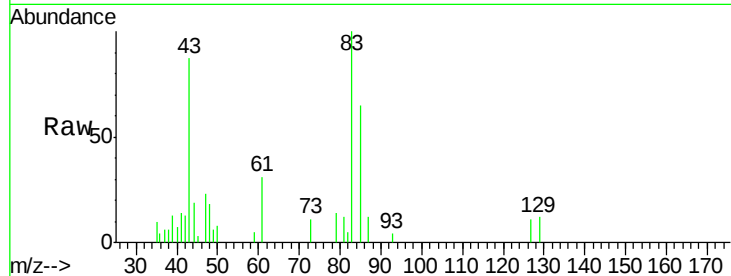
Tgt Ion: 83 Resp: 2705

Ion Ratio Lower Upper

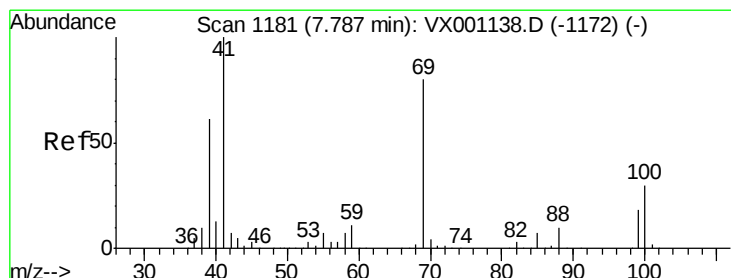
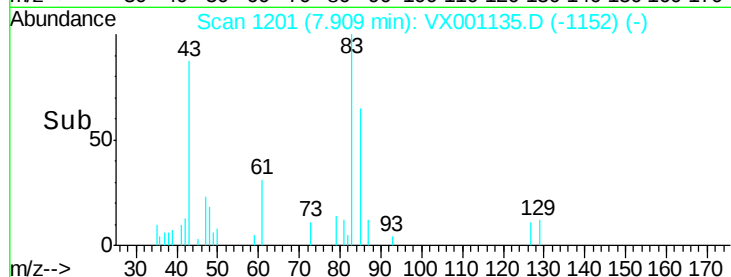
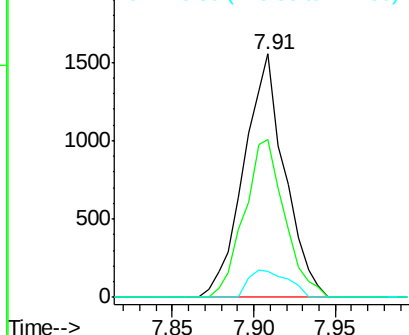
83 100

85 65.1 51.9 77.9

127 10.6 7.7 11.5



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: 1.11 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX001135.D

Acq: 26 Apr 2018 17:03

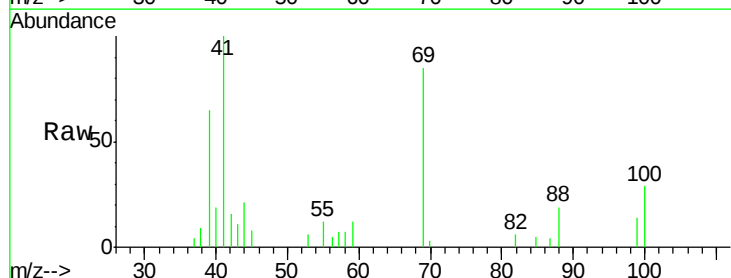
Tgt Ion: 41 Resp: 3208

Ion Ratio Lower Upper

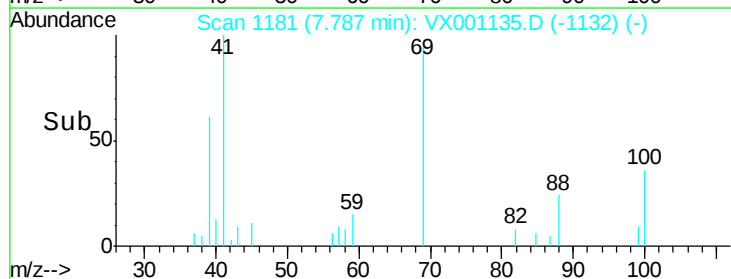
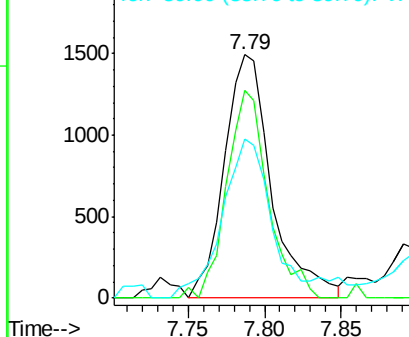
41 100

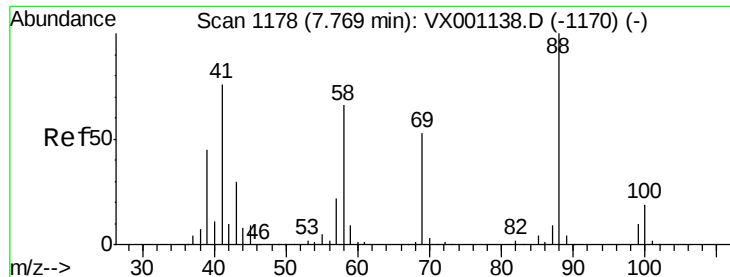
69 74.4 62.4 93.6

39 67.3 48.7 73.1



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

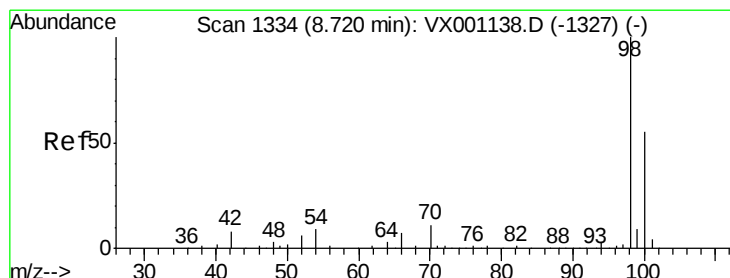
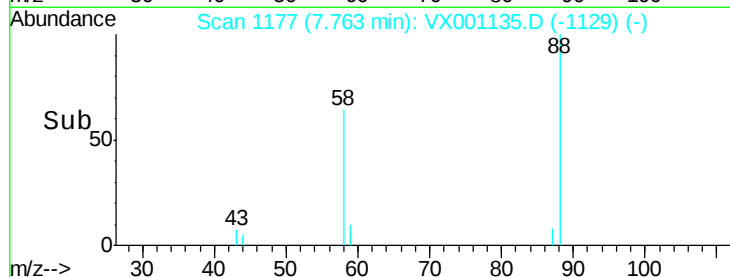
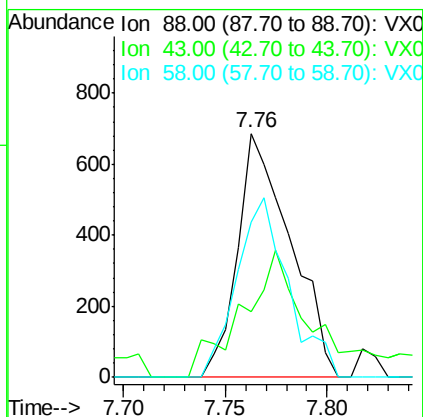
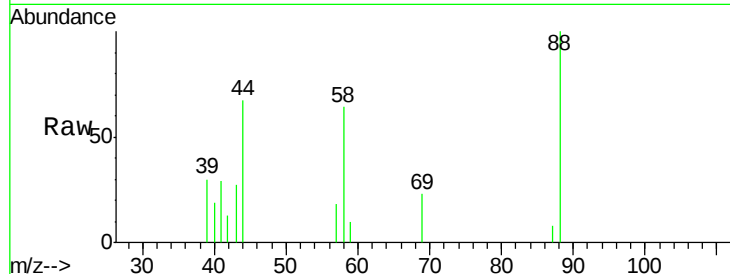




#49
1,4-Dioxane
Concen: 26.94 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.01 min
Lab File: VX001135.D
Acq: 26 Apr 2018 17:03

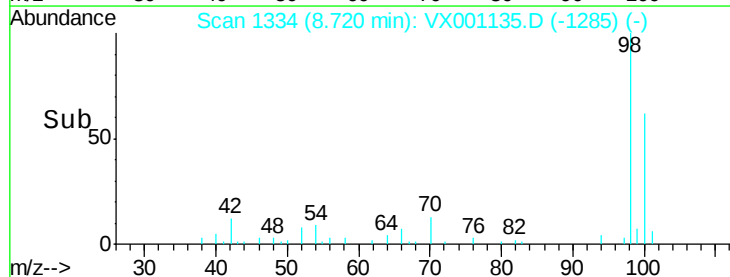
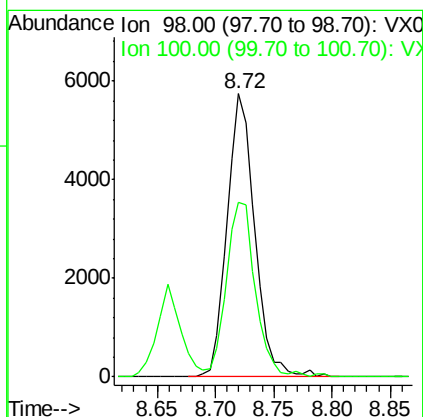
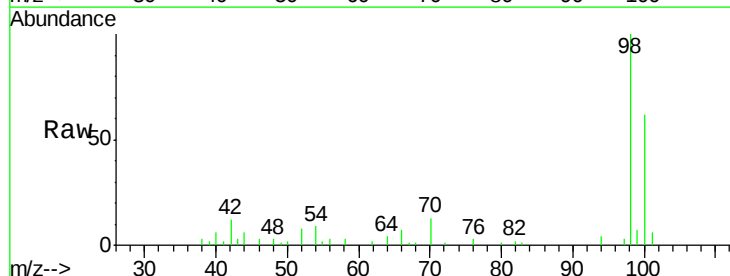
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

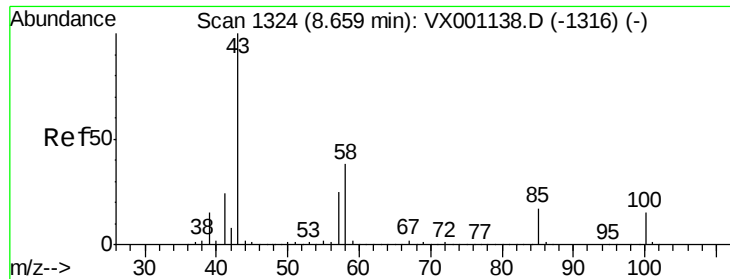
Tgt Ion: 88 Resp: 1240
Ion Ratio Lower Upper
88 100
43 71.8 27.3 40.9#
58 71.7 54.2 81.4



#50
Toluene-d8
Concen: 1.17 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001135.D
Acq: 26 Apr 2018 17:03

Tgt Ion: 98 Resp: 9496
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.6





#51

4-Methyl-2-Pentanone

Concen: 5.45 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX001135.D

Acq: 26 Apr 2018 17:03

Instrument :

MSVOA_X

ClientSampleId :

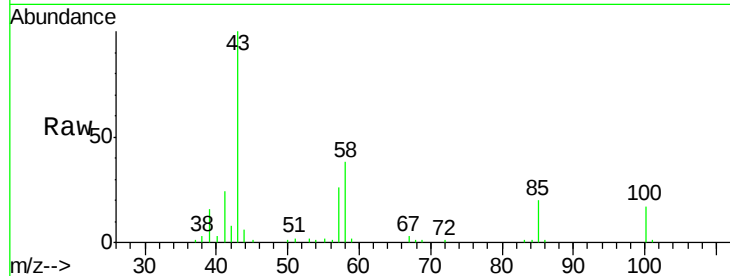
VSTDIC001

Tgt Ion: 43 Resp: 18129

Ion Ratio Lower Upper

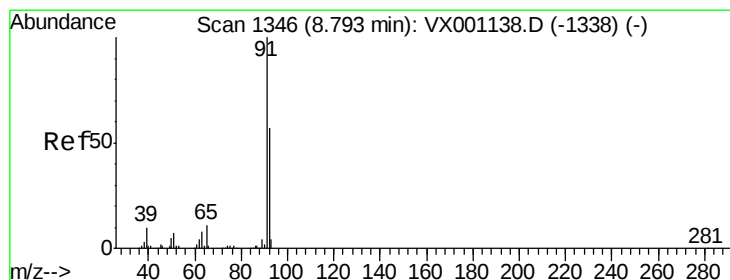
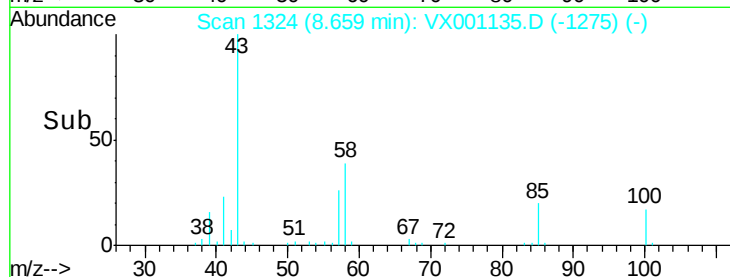
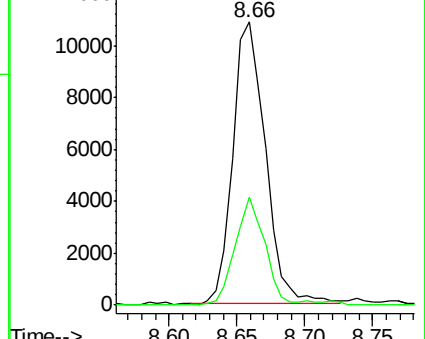
43 100

58 34.8 30.2 45.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 0.98 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX001135.D

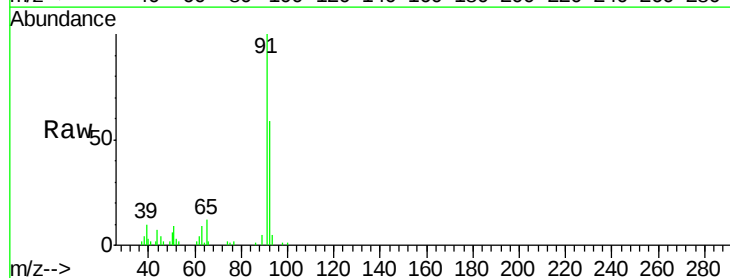
Acq: 26 Apr 2018 17:03

Tgt Ion: 92 Resp: 5943

Ion Ratio Lower Upper

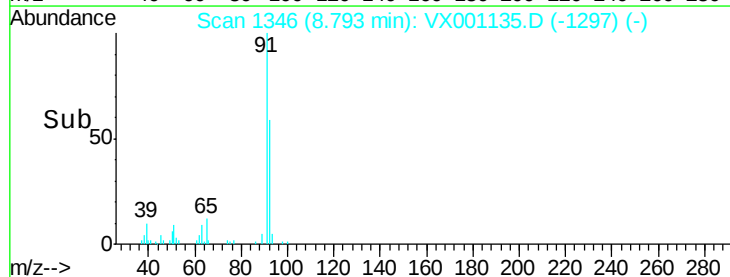
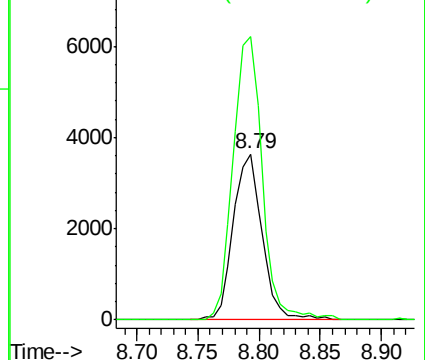
92 100

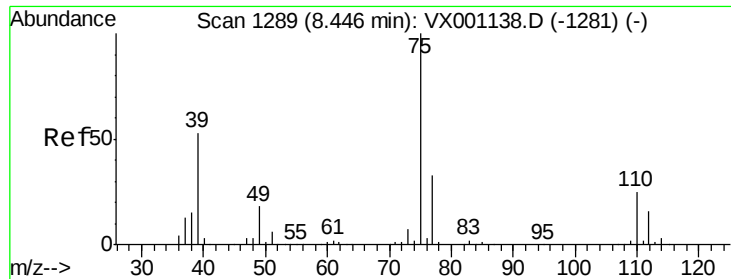
91 172.2 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

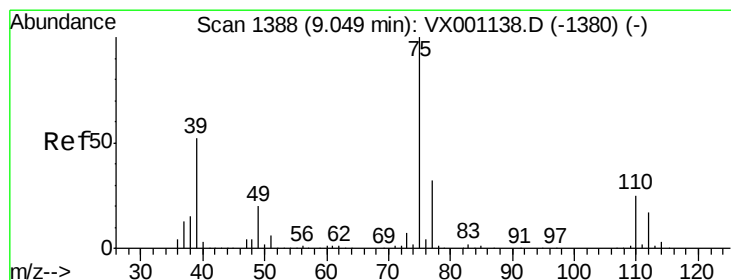
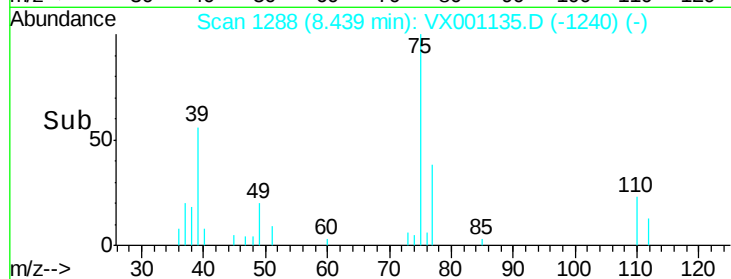
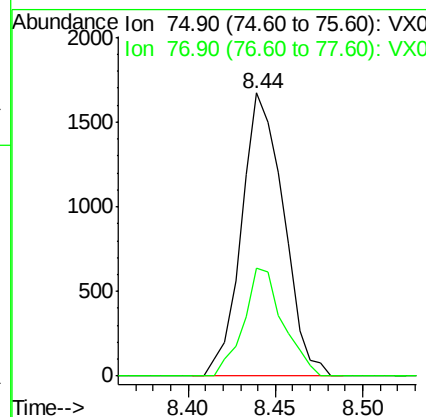
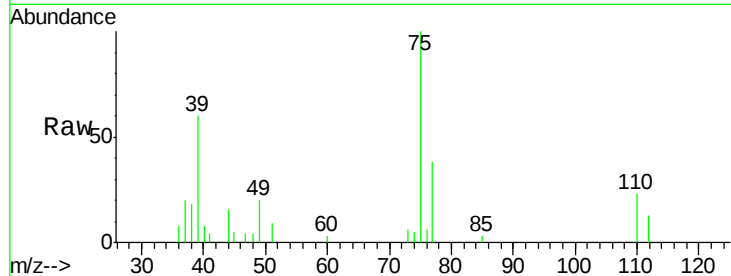




#53
 t-1,3-Dichloropropene
 Concen: 0.78 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. -0.01 min
 Lab File: VX001135.D
 Acq: 26 Apr 2018 17:03

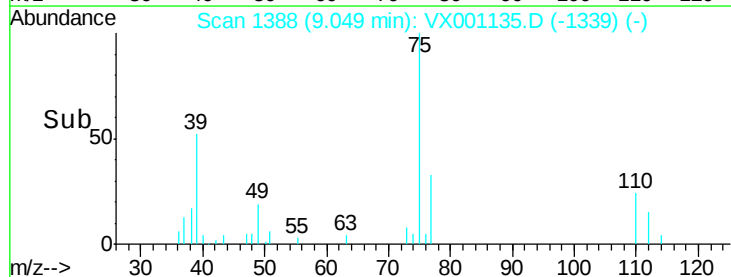
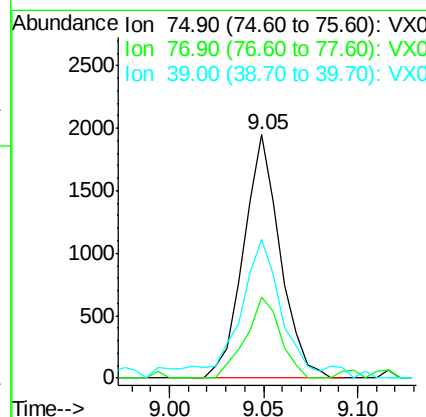
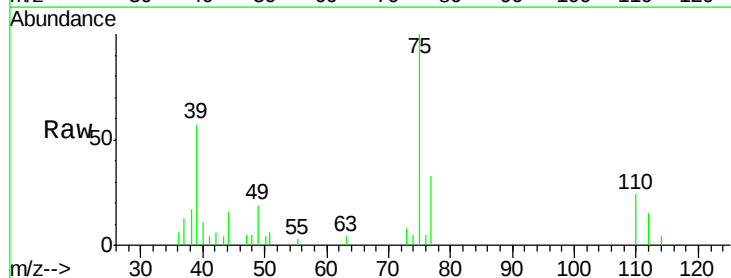
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

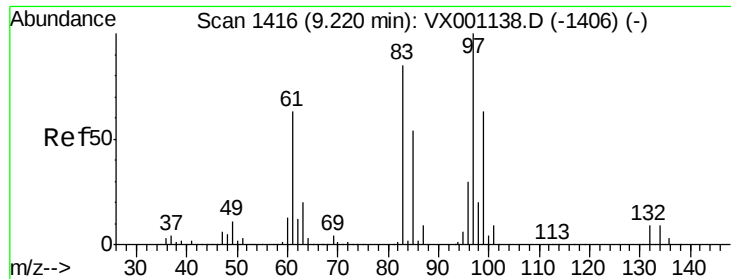
Tgt Ion: 75 Resp: 2798
 Ion Ratio Lower Upper
 75 100
 77 38.2 26.2 39.4



#54
 cis-1,3-Dichloropropene
 Concen: 0.77 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX001135.D
 Acq: 26 Apr 2018 17:03

Tgt Ion: 75 Resp: 2620
 Ion Ratio Lower Upper
 75 100
 77 33.1 25.4 38.2
 39 52.3 42.0 63.0

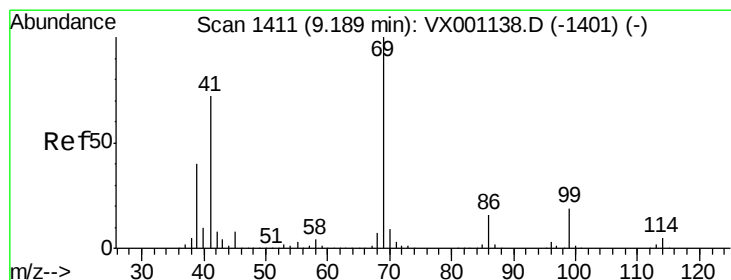
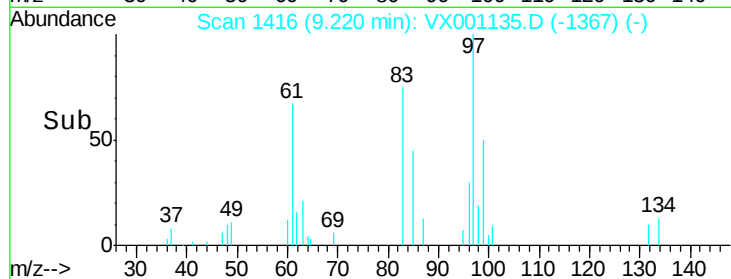
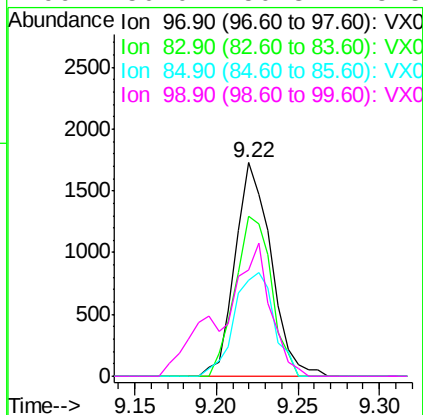
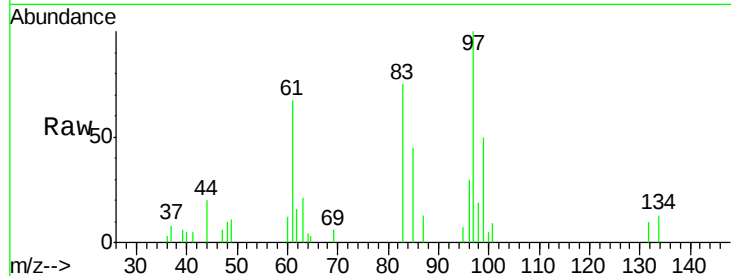




#55
 1,1,2-Trichloroethane
 Concen: 1.10 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001135.D
 Acq: 26 Apr 2018 17:03

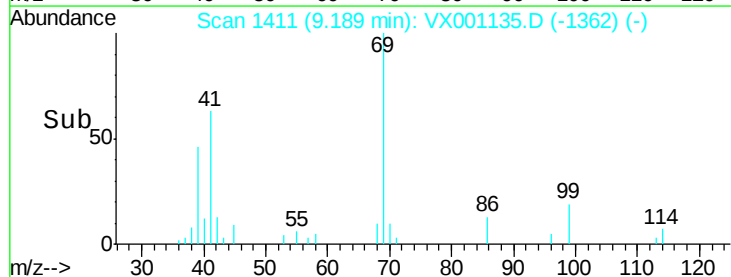
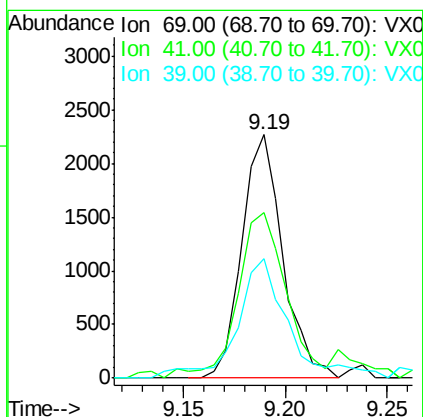
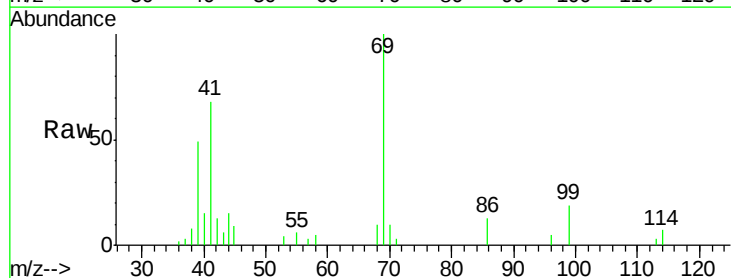
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

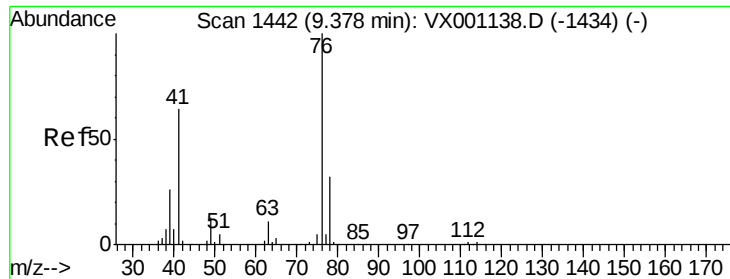
Tgt Ion: 97 Resp: 2666
 Ion Ratio Lower Upper
 97 100
 83 75.0 68.0 102.0
 85 45.1 42.9 64.3
 99 50.0 50.3 75.5#



#56
 Ethyl methacrylate
 Concen: 0.88 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX001135.D
 Acq: 26 Apr 2018 17:03

Tgt Ion: 69 Resp: 3158
 Ion Ratio Lower Upper
 69 100
 41 80.7 57.7 86.5
 39 61.6 33.3 49.9#

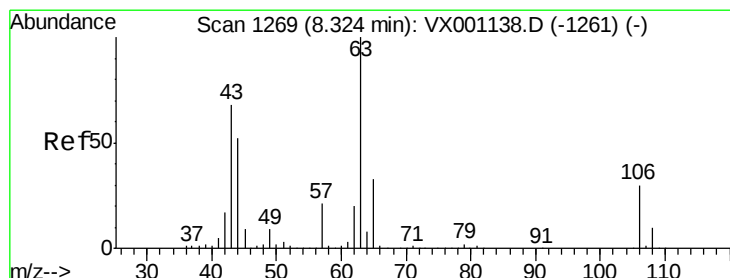
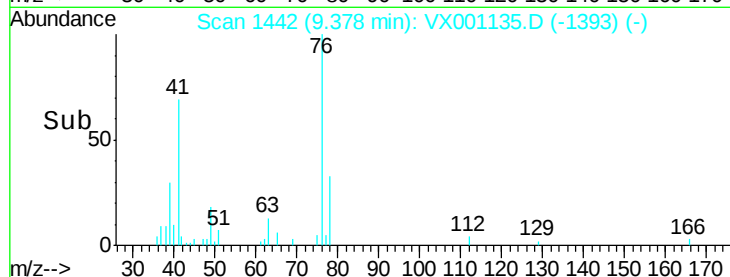
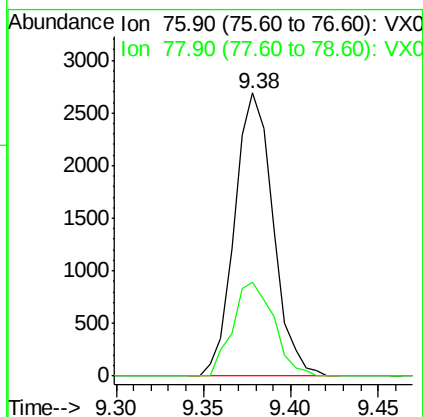
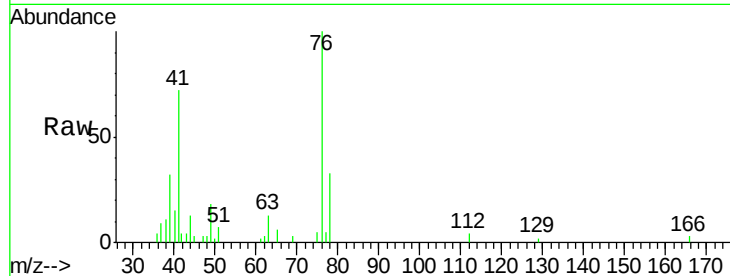




#57
 1,3-Dichloropropane
 Concen: 1.03 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX001135.D
 Acq: 26 Apr 2018 17:03

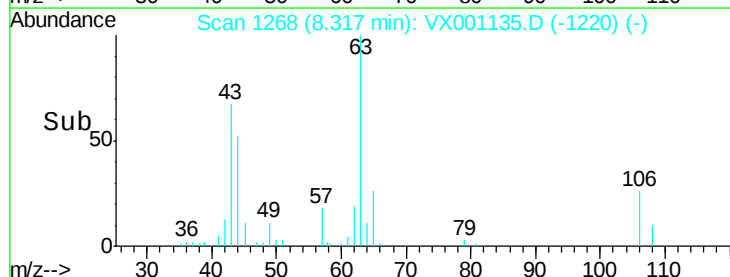
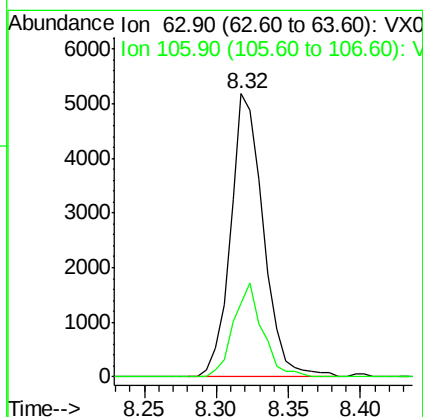
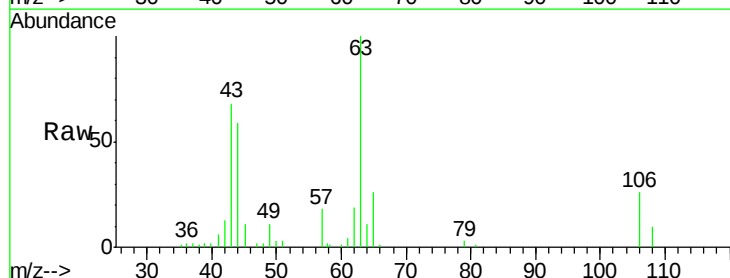
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

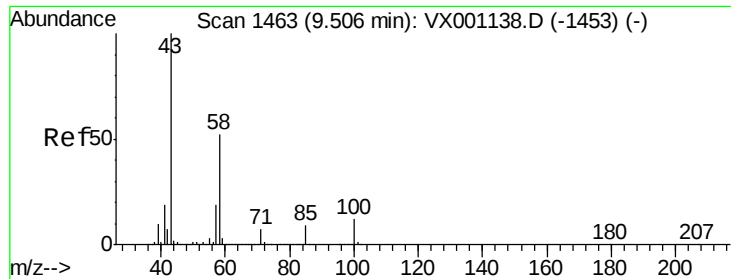
Tgt Ion: 76 Resp: 4122
 Ion Ratio Lower Upper
 76 100
 78 35.4 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 4.75 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX001135.D
 Acq: 26 Apr 2018 17:03

Tgt Ion: 63 Resp: 8229
 Ion Ratio Lower Upper
 63 100
 106 29.4 23.7 35.5

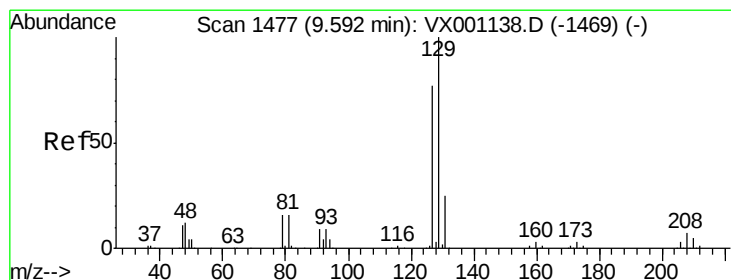
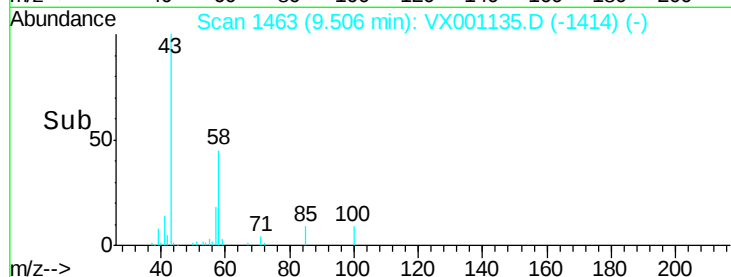
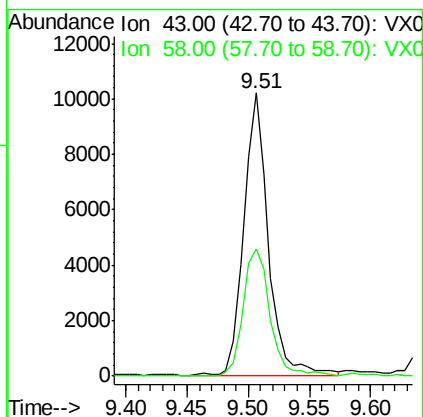
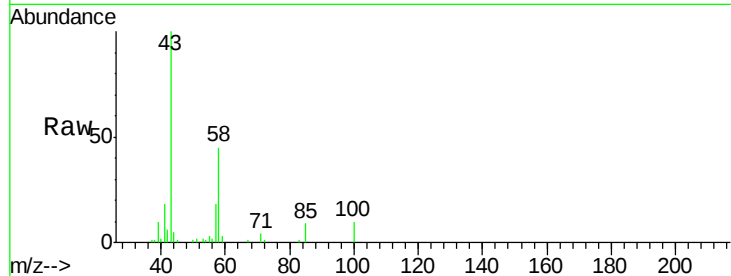




#59
2-Hexanone
Concen: 5.60 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX001135.D
Acq: 26 Apr 2018 17:03

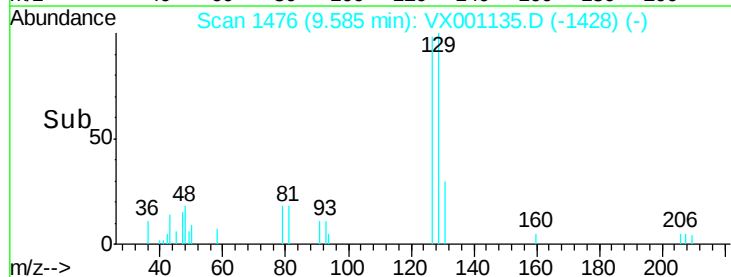
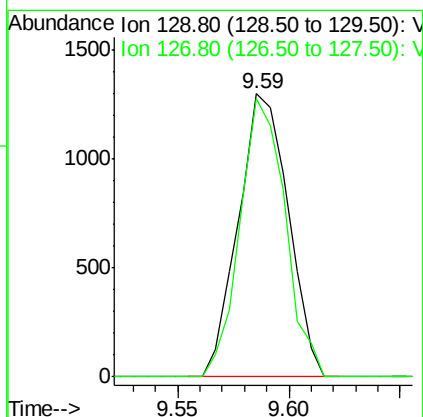
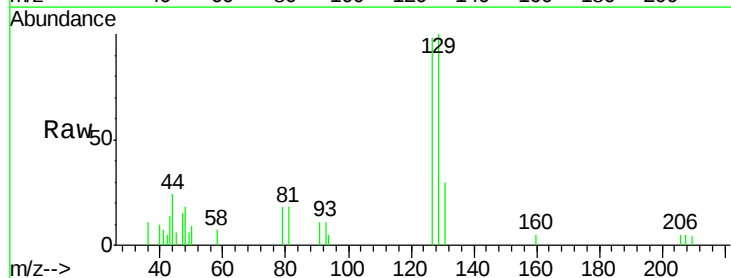
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

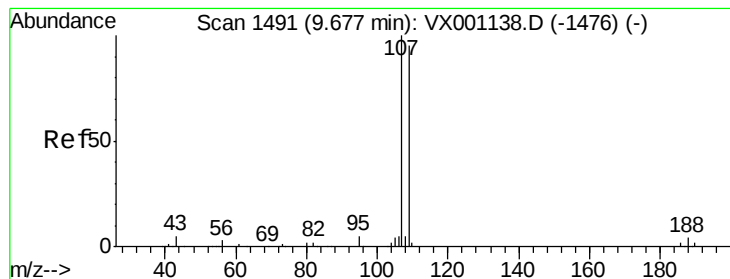
Tgt Ion: 43 Resp: 14317
Ion Ratio Lower Upper
43 100
58 48.9 25.8 77.4



#60
Dibromochloromethane
Concen: 0.80 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001135.D
Acq: 26 Apr 2018 17:03

Tgt Ion: 129 Resp: 2035
Ion Ratio Lower Upper
129 100
127 89.1 38.4 115.2





#61

1,2-Dibromoethane

Concen: 0.94 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. 0.01 min

Lab File: VX001135.D

Acq: 26 Apr 2018 17:03

Instrument :

MSVOA_X

ClientSampleId :

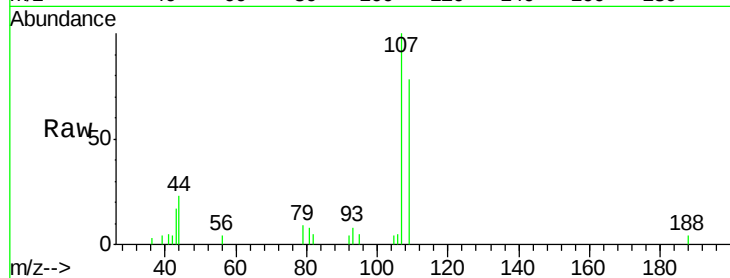
VSTDIC001

Tgt Ion: 107 Resp: 2420

Ion Ratio Lower Upper

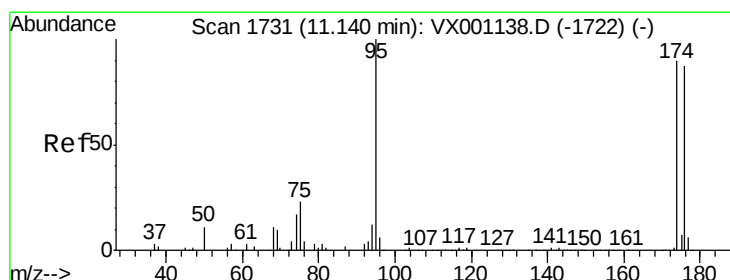
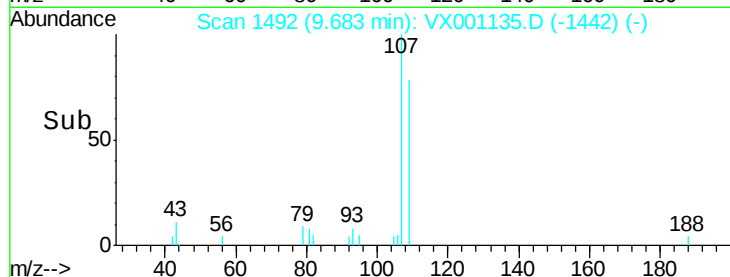
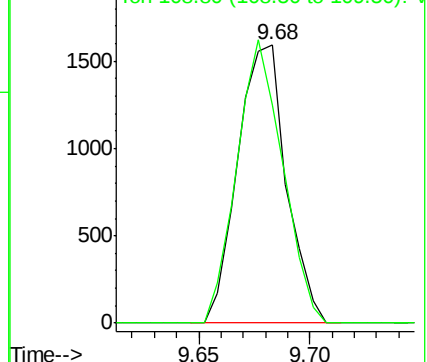
107 100

109 96.1 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 1.03 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001135.D

Acq: 26 Apr 2018 17:03

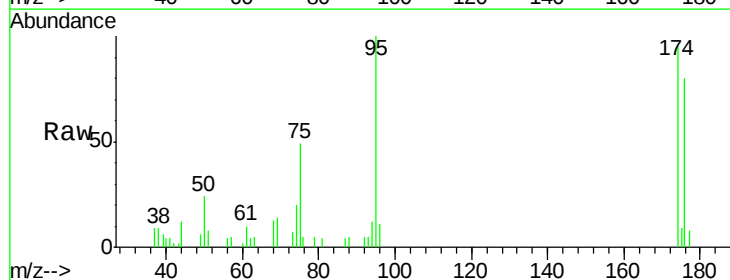
Tgt Ion: 95 Resp: 3513

Ion Ratio Lower Upper

95 100

174 97.4 0.0 194.4

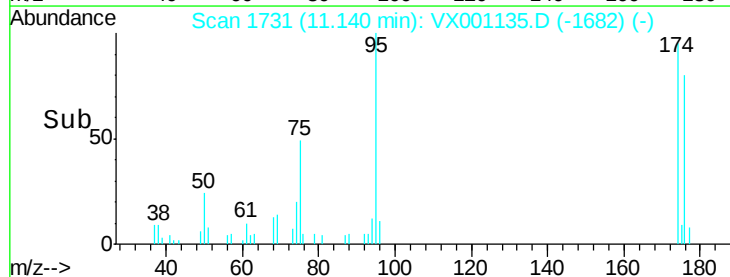
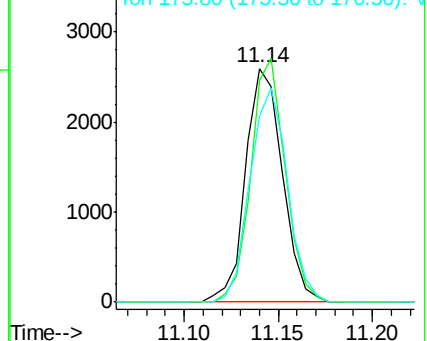
176 93.1 0.0 190.2

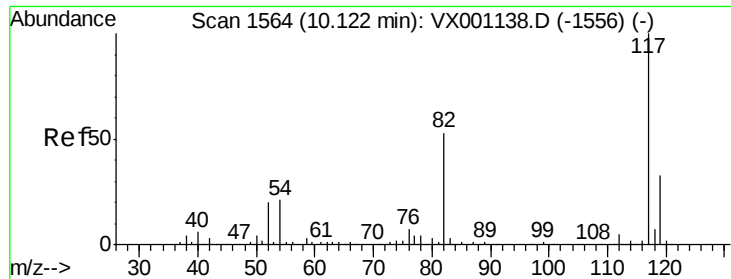


Abundance Ion 94.90 (94.60 to 95.60): VX0

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: VX001135.D

Acq: 26 Apr 2018 17:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

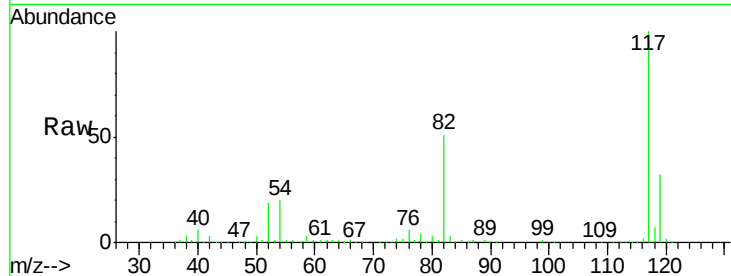
Tgt Ion:117 Resp: 257962

Ion Ratio Lower Upper

117 100

82 51.2 42.1 63.1

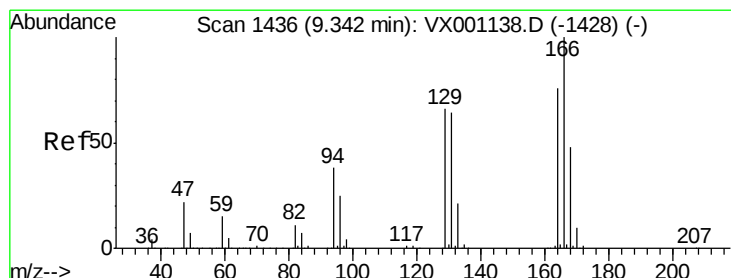
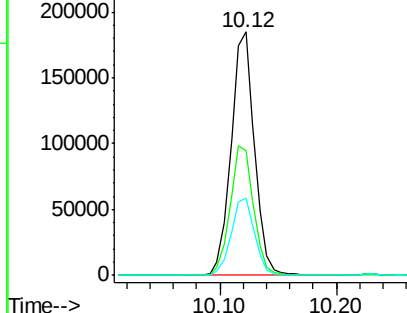
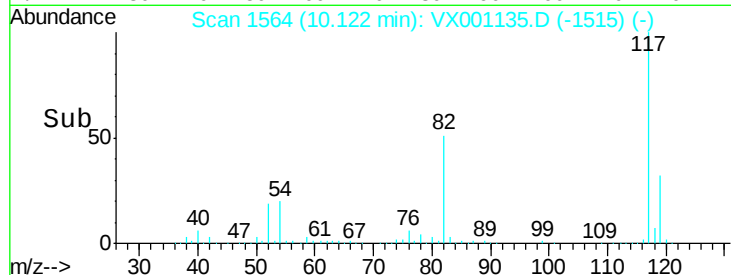
119 32.0 26.1 39.1



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: 1.16 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX001135.D

Acq: 26 Apr 2018 17:03

Tgt Ion:164 Resp: 3161

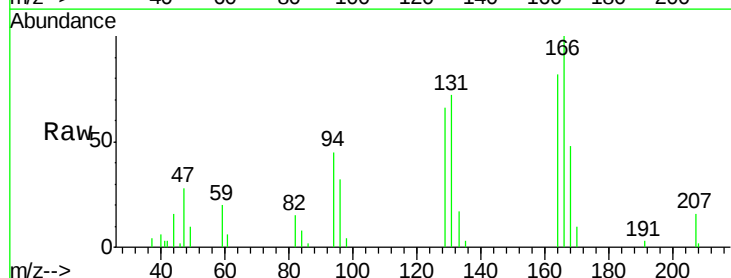
Ion Ratio Lower Upper

164 100

166 121.5 105.0 157.6

129 79.9 69.4 104.2

131 87.4 67.3 100.9

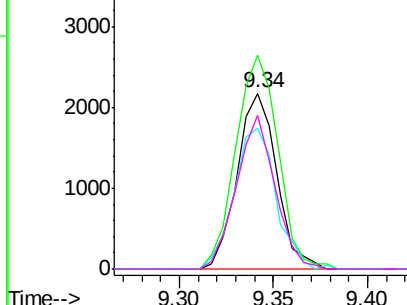
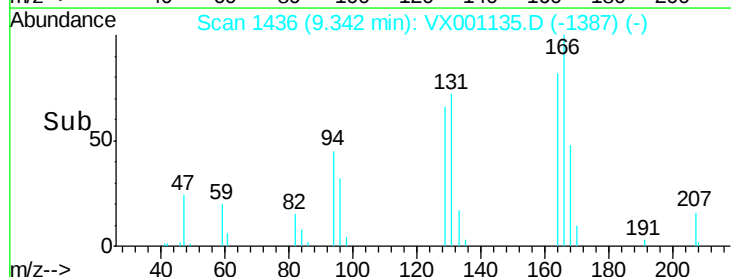


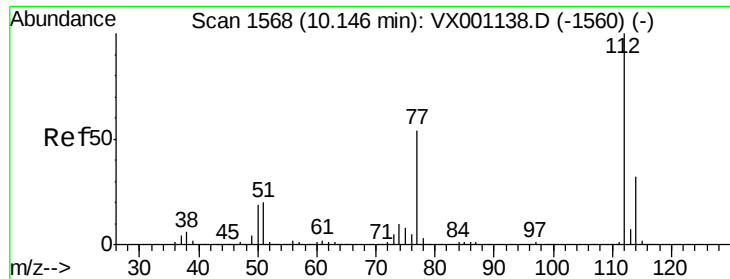
Abundance Ion 163.80 (163.50 to 164.50): V

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: 1.05 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX001135.D

Acq: 26 Apr 2018 17:03

Instrument :

MSVOA_X

ClientSampleId :

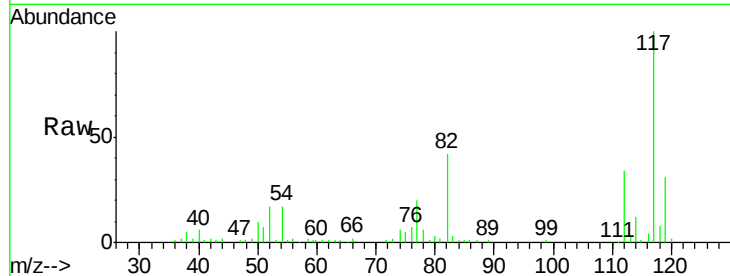
VSTDIC001

Tgt Ion:112 Resp: 7183

Ion Ratio Lower Upper

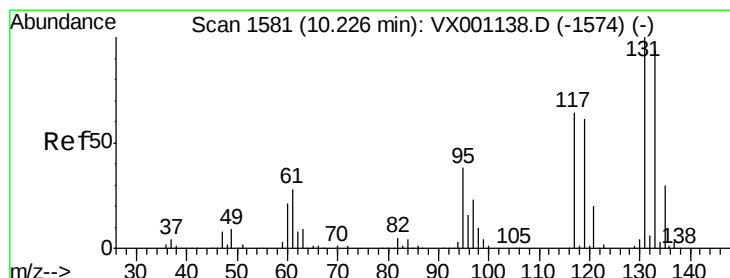
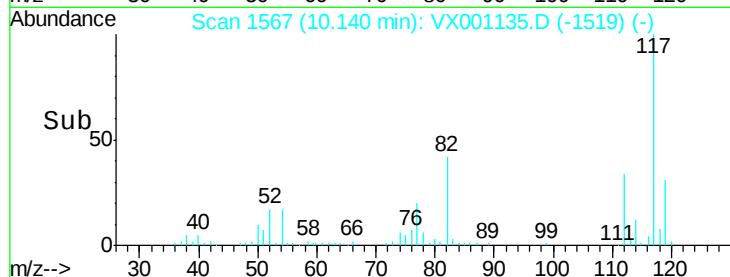
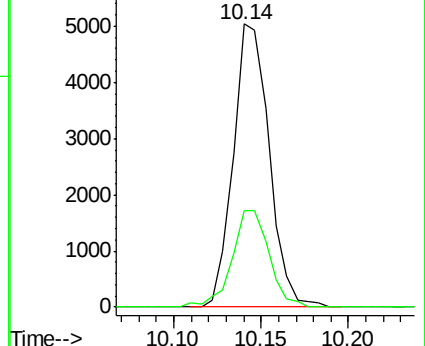
112 100

114 34.3 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: 0.83 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX001135.D

Acq: 26 Apr 2018 17:03

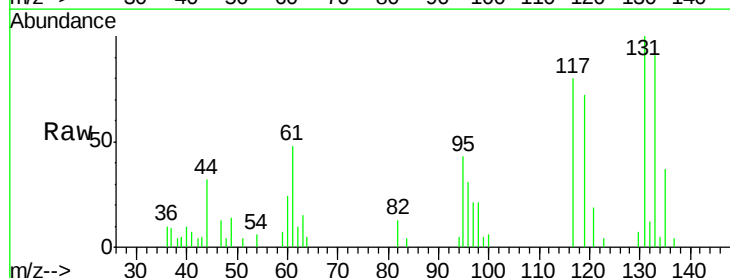
Tgt Ion:131 Resp: 1967

Ion Ratio Lower Upper

131 100

133 102.3 47.8 143.4

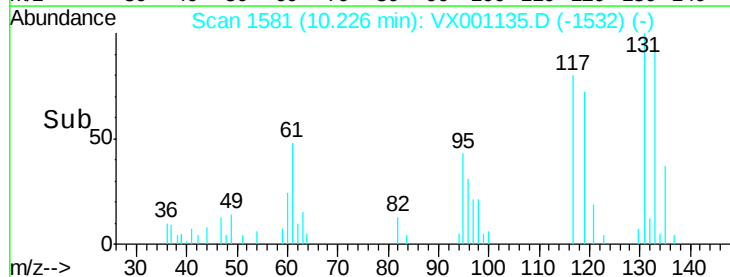
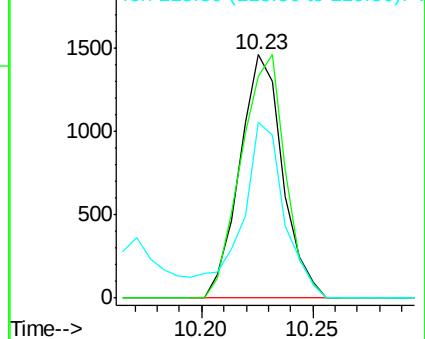
119 0.0 31.3 93.8#

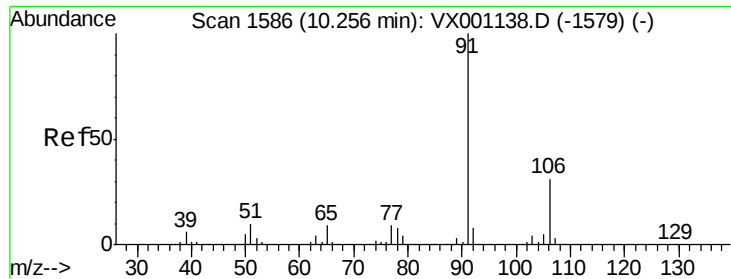


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

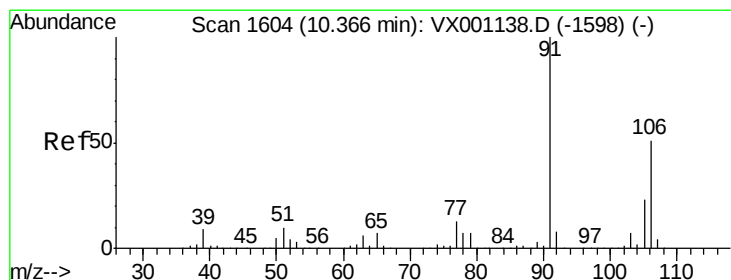
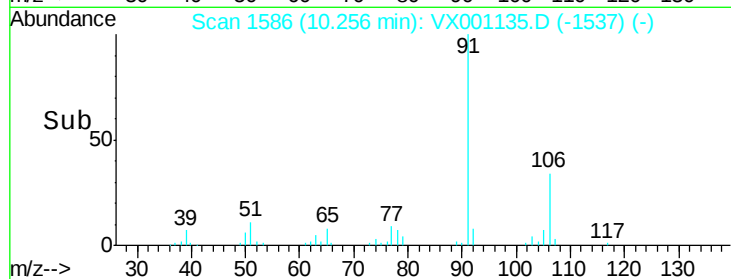
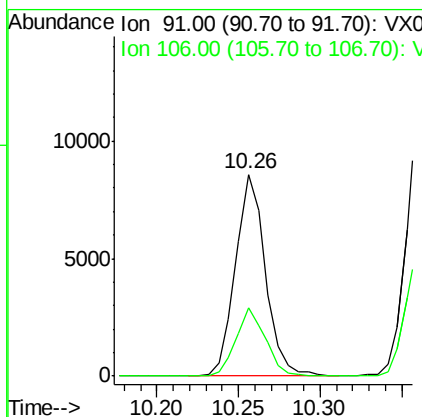
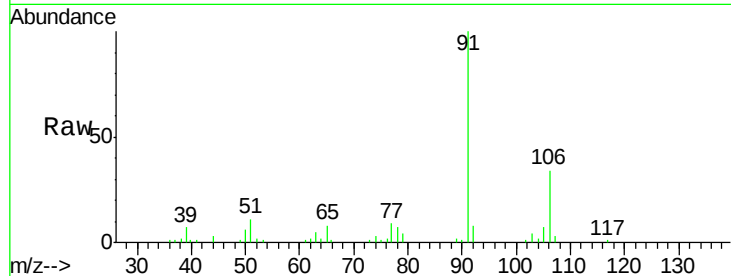




#67
Ethyl Benzene
Concen: 0.97 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX001135.D
Acq: 26 Apr 2018 17:03

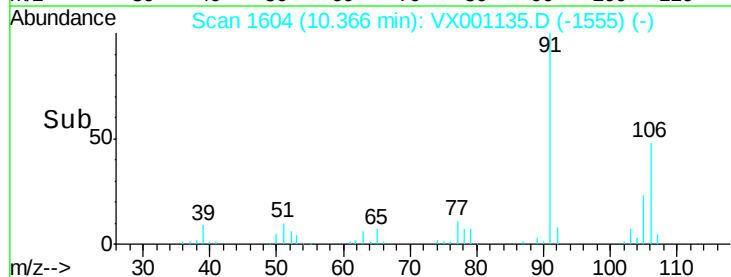
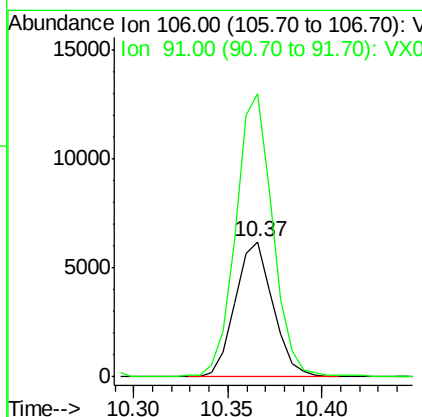
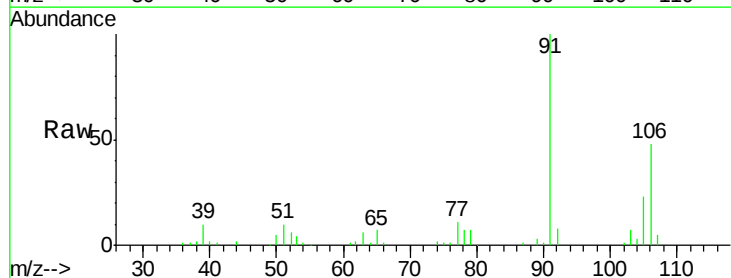
Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

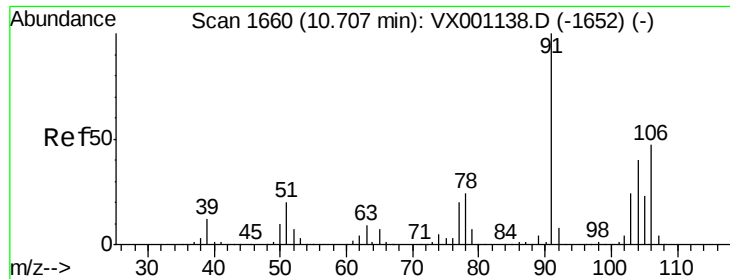
Tgt Ion: 91 Resp: 11003
Ion Ratio Lower Upper
91 100
106 33.7 24.8 37.2



#68
m/p-Xylenes
Concen: 1.93 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX001135.D
Acq: 26 Apr 2018 17:03

Tgt Ion: 106 Resp: 8604
Ion Ratio Lower Upper
106 100
91 205.6 160.9 241.3

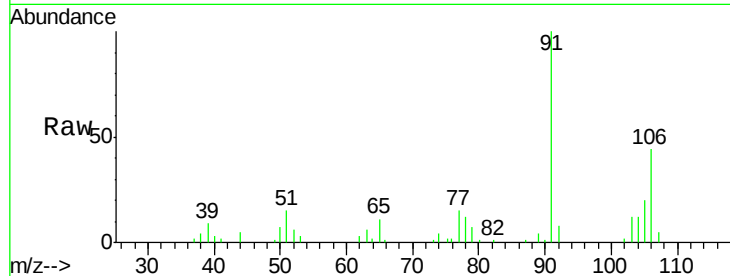




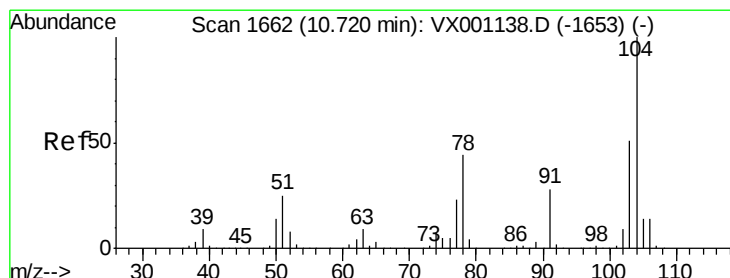
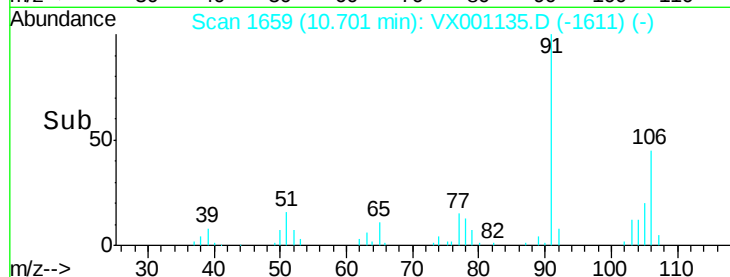
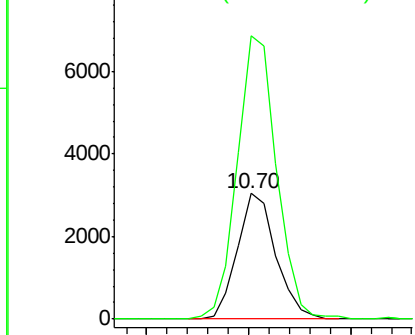
#69
o-Xylene
Concen: 0.92 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX001135.D
Acq: 26 Apr 2018 17:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion:106 Resp: 3983
Ion Ratio Lower Upper
106 100
91 230.8 106.2 318.5

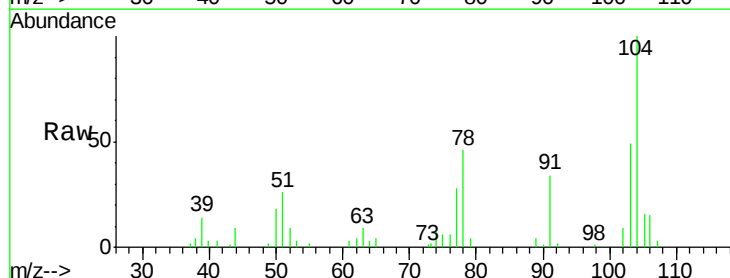


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

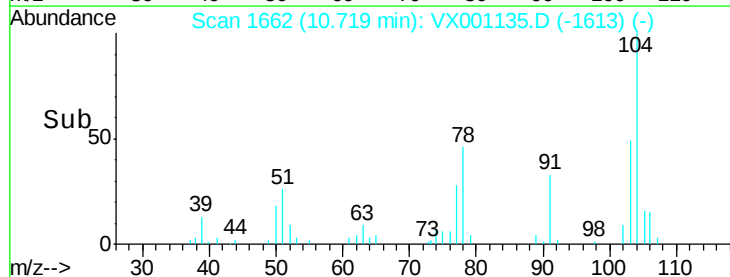
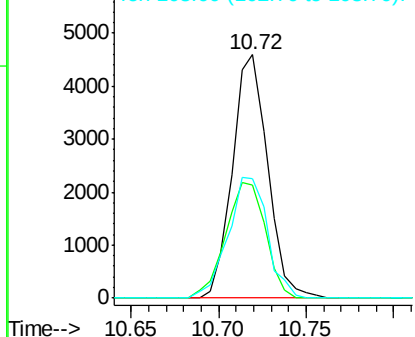


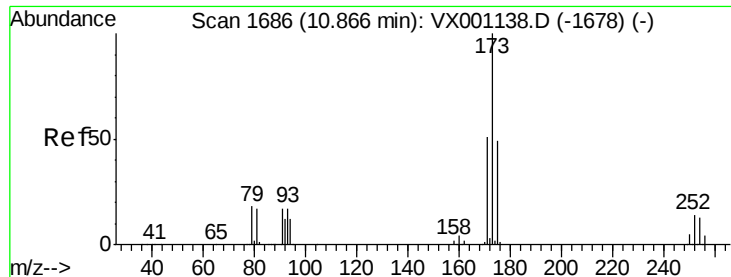
#70
Styrene
Concen: 0.91 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001135.D
Acq: 26 Apr 2018 17:03

Tgt Ion:104 Resp: 6441
Ion Ratio Lower Upper
104 100
78 53.4 40.3 60.5
103 55.3 44.3 66.5



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: 0.78 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VX001135.D

Acq: 26 Apr 2018 17:03

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

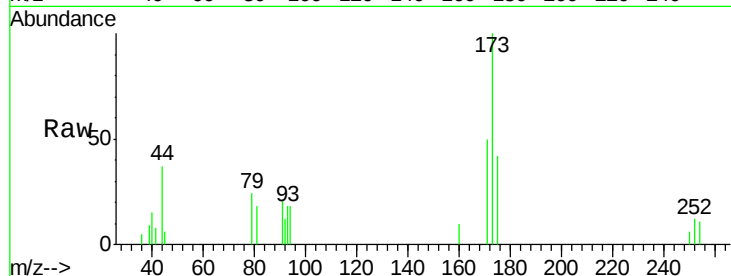
Tgt Ion:173 Resp: 1511

Ion Ratio Lower Upper

173 100

175 43.7 24.6 73.8

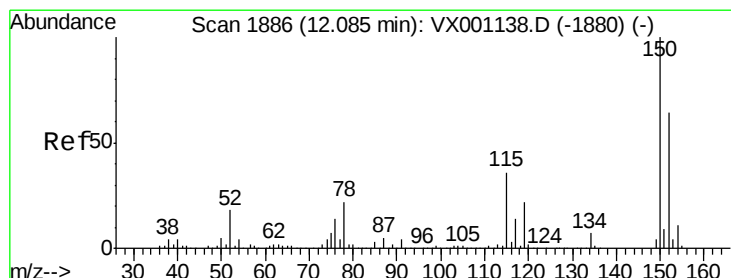
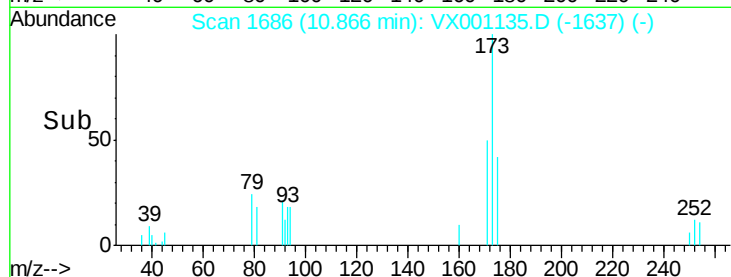
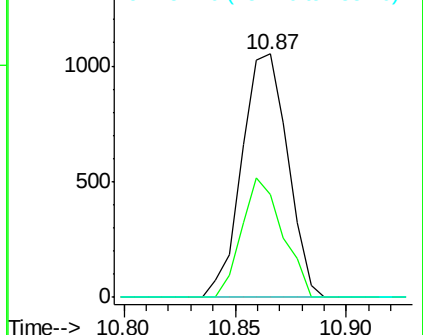
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001135.D

Acq: 26 Apr 2018 17:03

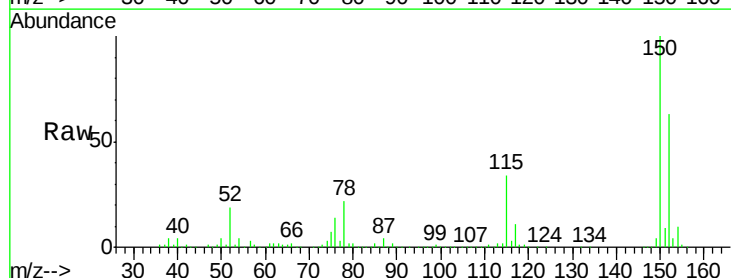
Tgt Ion:152 Resp: 159629

Ion Ratio Lower Upper

152 100

115 54.2 38.0 114.0

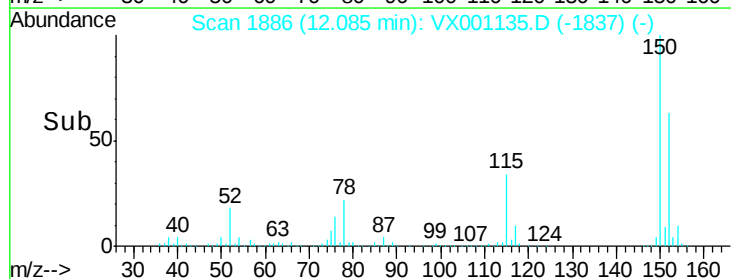
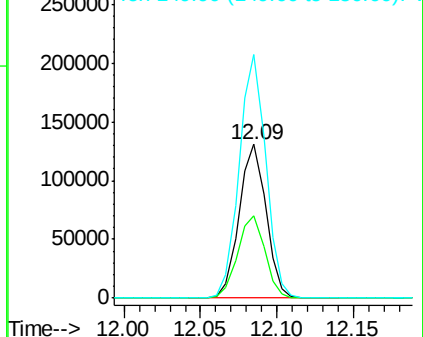
150 157.1 0.0 349.6

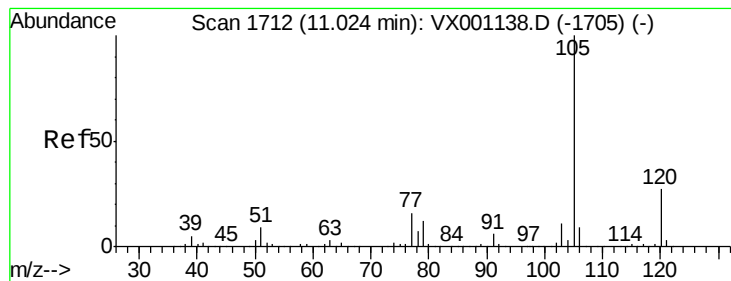


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 1.08 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001135.D

Acq: 26 Apr 2018 17:03

Instrument :

MSVOA_X

ClientSampleId :

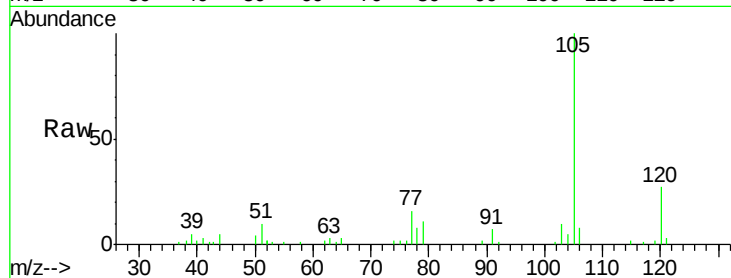
VSTDIC001

Tgt Ion: 105 Resp: 11163

Ion Ratio Lower Upper

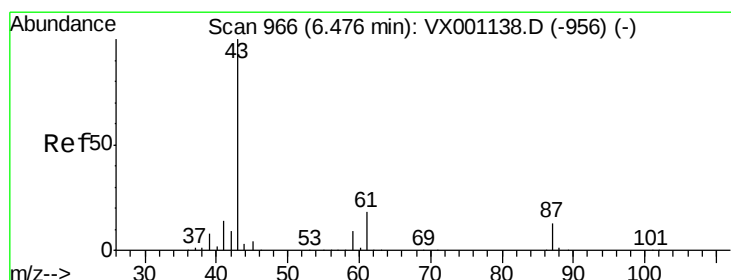
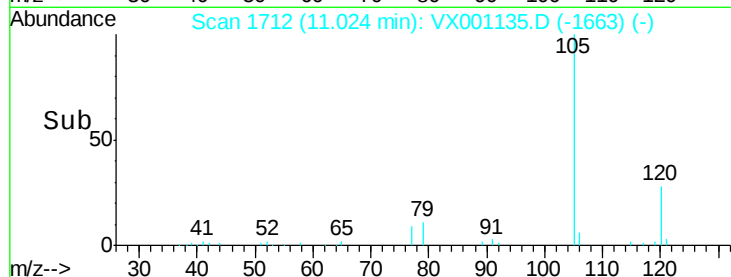
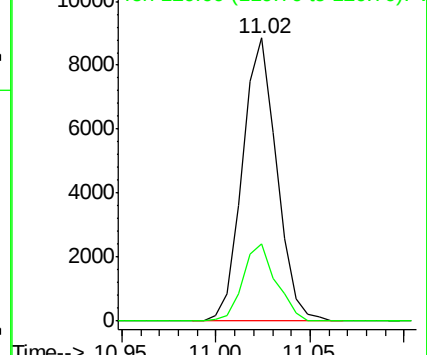
105 100

120 26.5 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 1.31 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX001135.D

Acq: 26 Apr 2018 17:03

Tgt Ion: 43 Resp: 6014

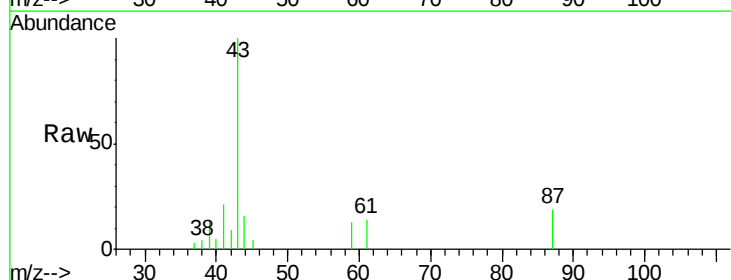
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 18.5 15.0 22.6

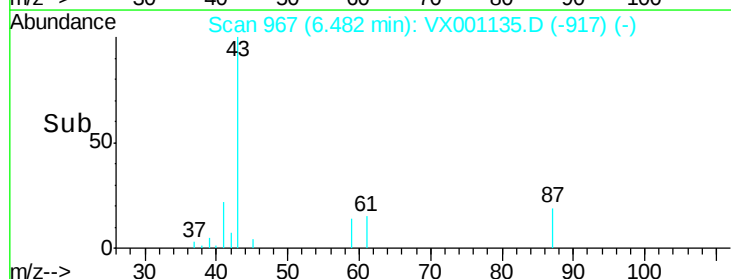
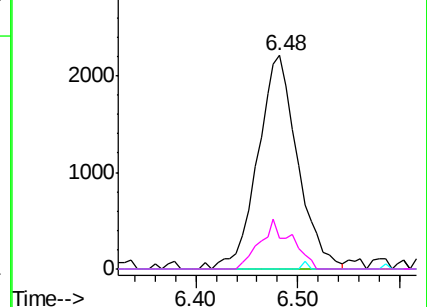


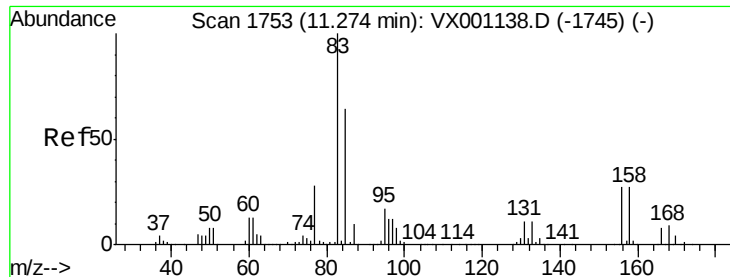
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 1.19 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX001135.D

Acq: 26 Apr 2018 17:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

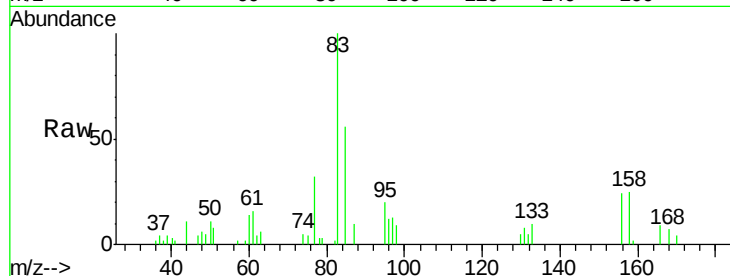
Tgt Ion: 83 Resp: 3584

Ion Ratio Lower Upper

83 100

131 9.7 5.8 17.4

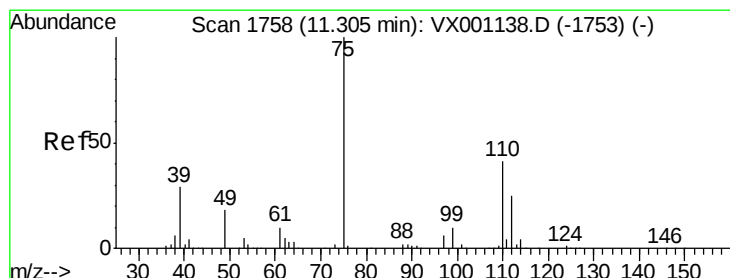
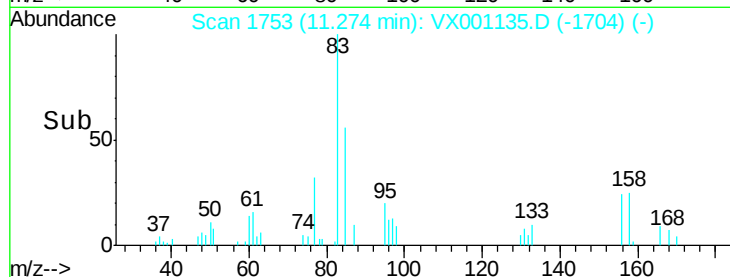
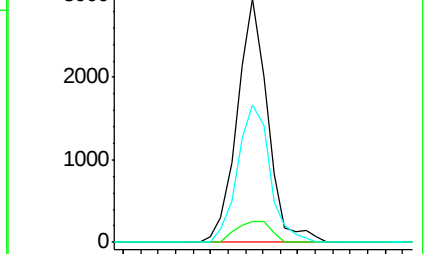
85 59.8 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VX001135.D (-1745) (-)

Ion 130.80 (130.50 to 131.50): VX001135.D (-1745) (-)

Ion 84.90 (84.60 to 85.60): VX001135.D (-1745) (-)



#76

1,2,3-Trichloropropane

Concen: 1.34 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX001135.D

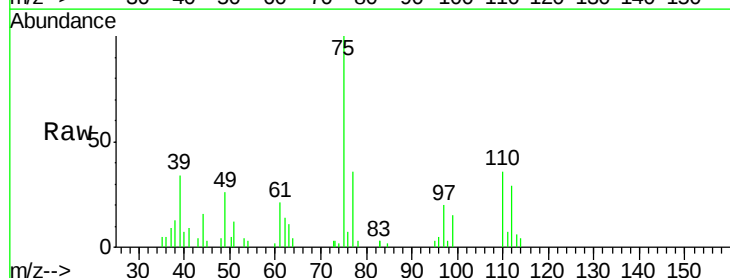
Acq: 26 Apr 2018 17:03

Tgt Ion: 75 Resp: 3807

Ion Ratio Lower Upper

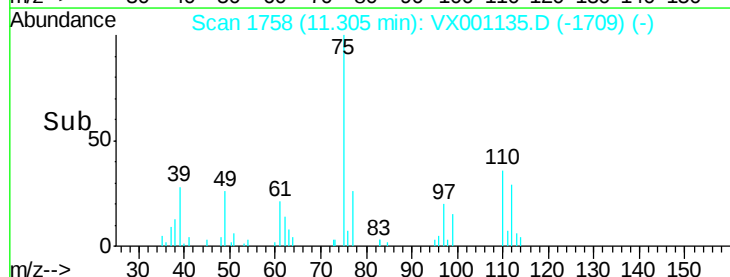
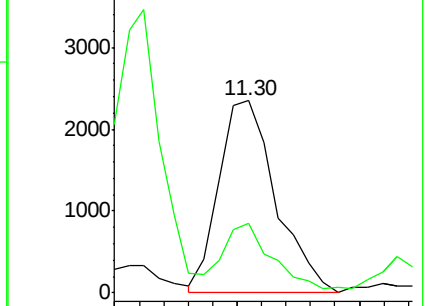
75 100

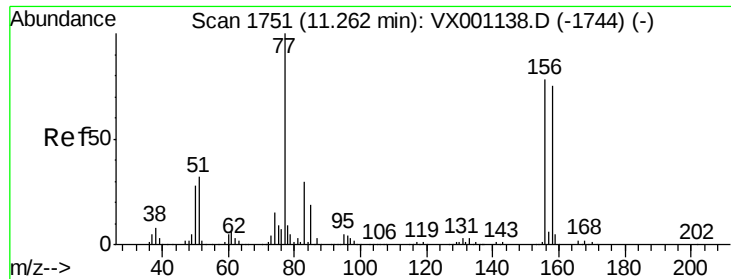
77 32.8 18.9 56.9



Abundance Ion 74.90 (74.60 to 75.60): VX001135.D (-1709) (-)

Ion 77.00 (76.70 to 77.70): VX001135.D (-1709) (-)





#77

Bromobenzene

Concen: 1.10 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001135.D

Acq: 26 Apr 2018 17:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

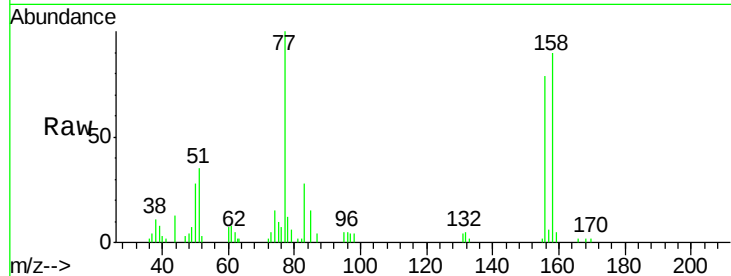
Tgt Ion:156 Resp: 3332

Ion Ratio Lower Upper

156 100

77 141.6 67.8 203.2

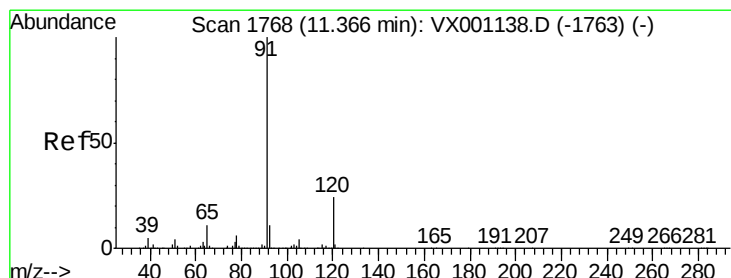
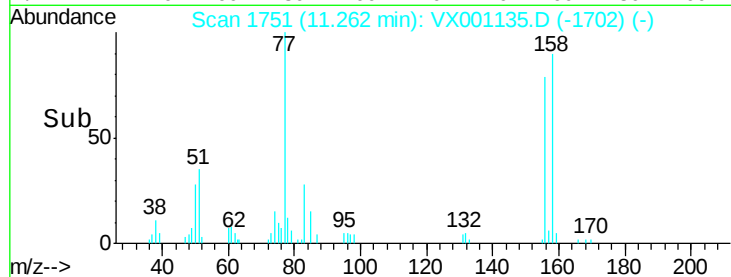
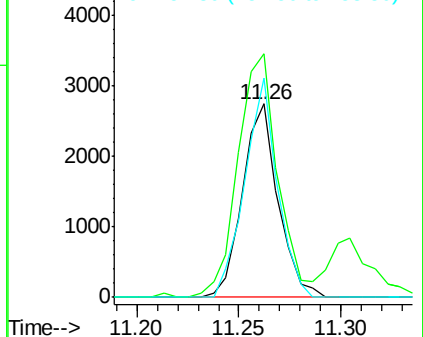
158 103.9 48.9 146.7



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: 1.01 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001135.D

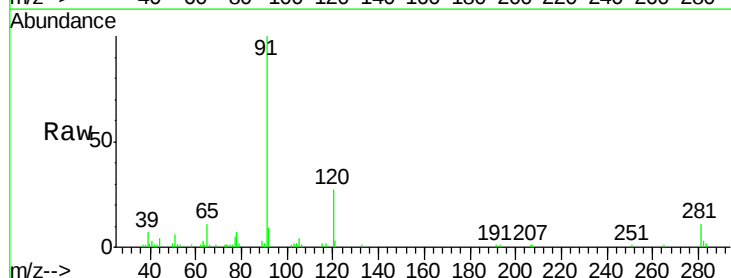
Acq: 26 Apr 2018 17:03

Tgt Ion: 91 Resp: 12066

Ion Ratio Lower Upper

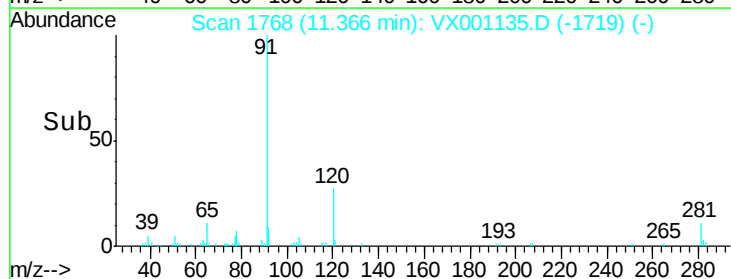
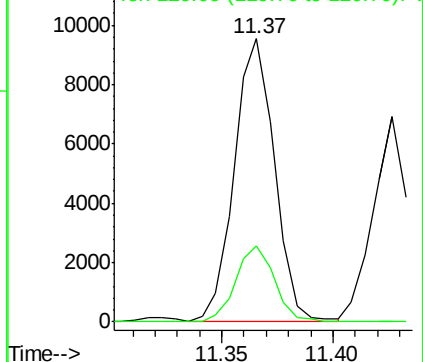
91 100

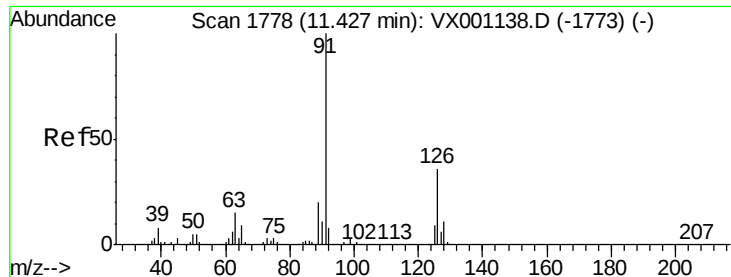
120 25.4 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 1.12 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001135.D

Acq: 26 Apr 2018 17:03

Instrument :

MSVOA_X

ClientSampled :

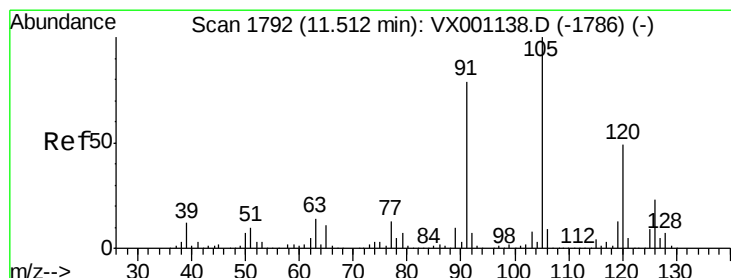
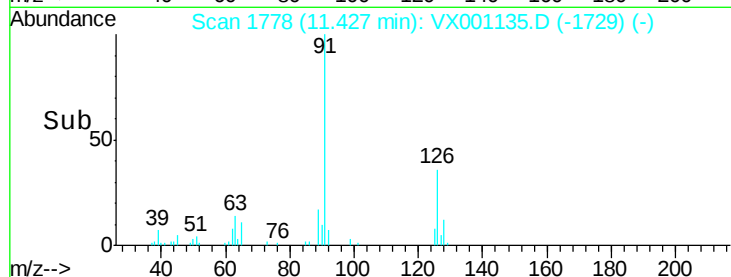
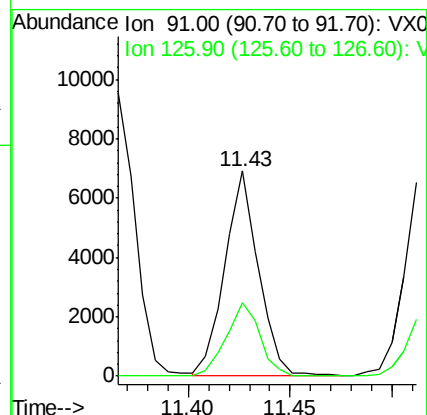
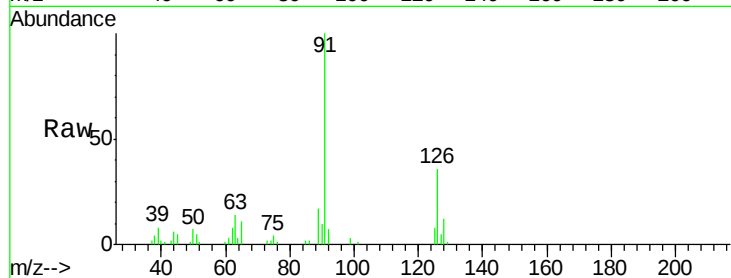
VSTDIC001

Tgt Ion: 91 Resp: 7946

Ion Ratio Lower Upper

91 100

126 35.2 18.2 54.6



#80

1,3,5-Trimethylbenzene

Concen: 1.00 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX001135.D

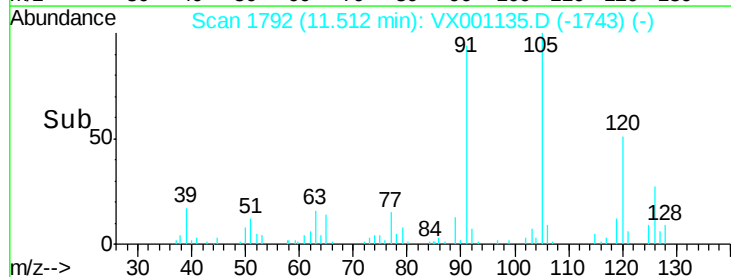
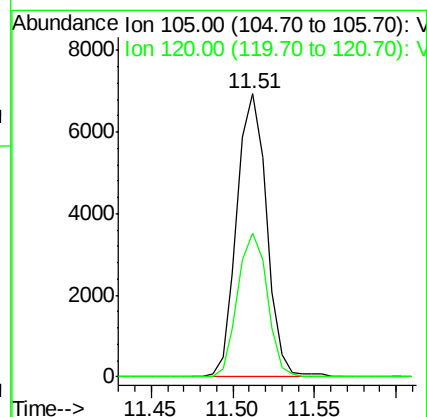
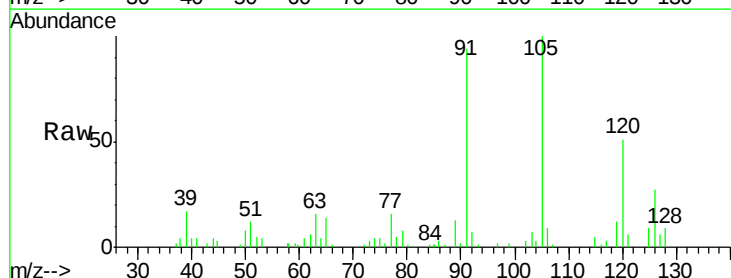
Acq: 26 Apr 2018 17:03

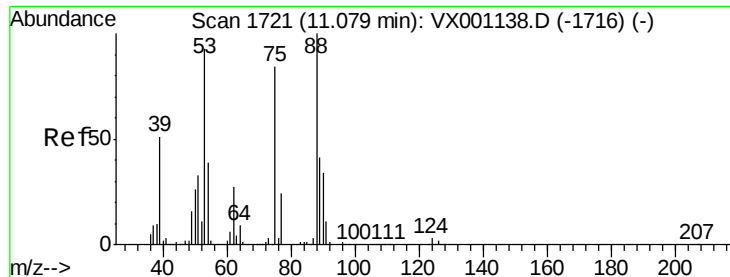
Tgt Ion: 105 Resp: 8849

Ion Ratio Lower Upper

105 100

120 50.2 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 0.68 ug/l

RT: 11.09 min Scan# 1722

Delta R.T. 0.01 min

Lab File: VX001135.D

Acq: 26 Apr 2018 17:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

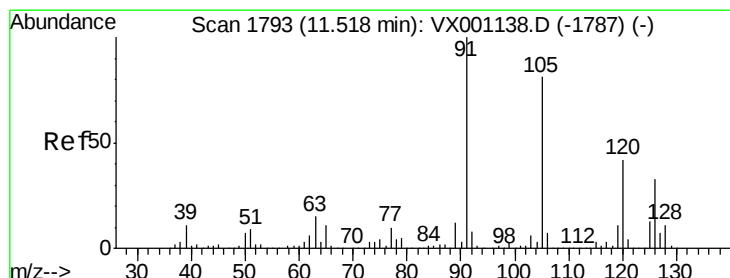
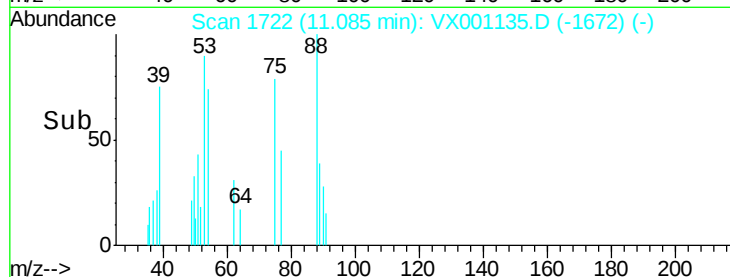
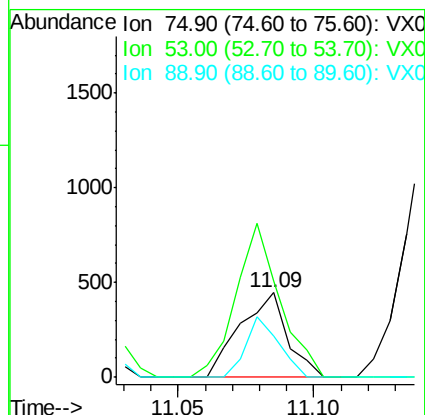
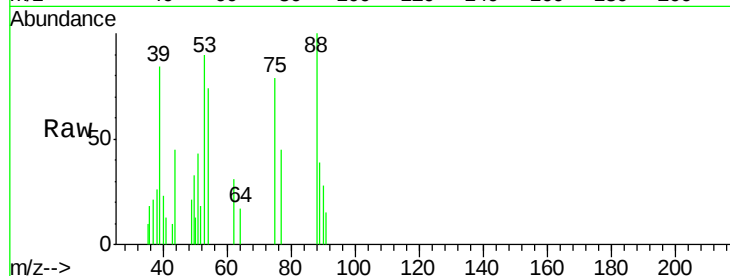
Tgt Ion: 75 Resp: 536

Ion Ratio Lower Upper

75 100

53 169.0 87.9 131.9#

89 49.6 37.7 56.5



#82

4-Chlorotoluene

Concen: 1.08 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX001135.D

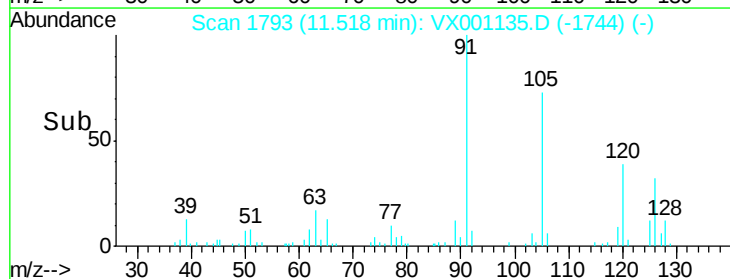
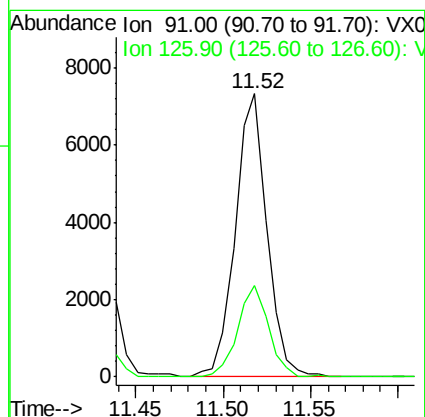
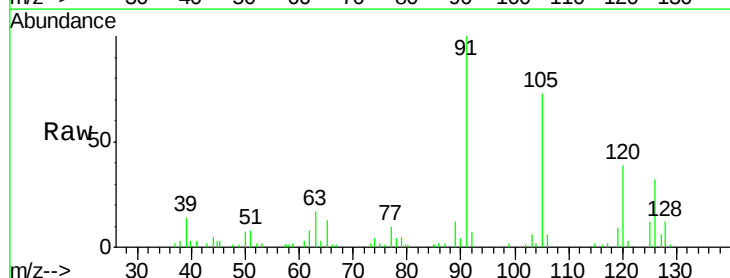
Acq: 26 Apr 2018 17:03

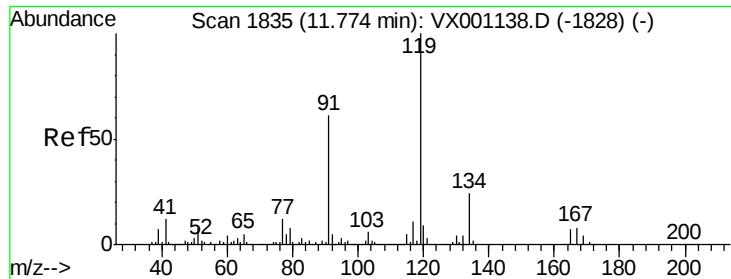
Tgt Ion: 91 Resp: 9206

Ion Ratio Lower Upper

91 100

126 31.4 15.8 47.4

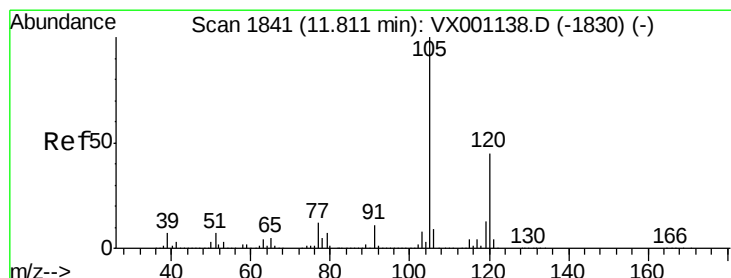
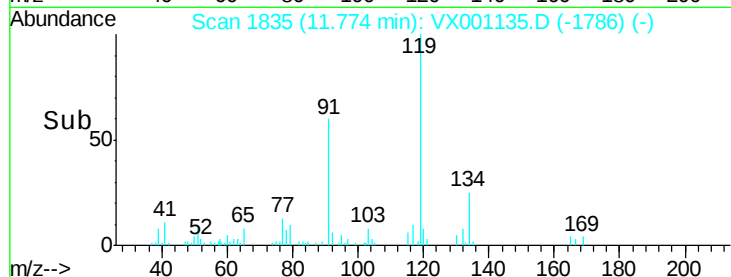
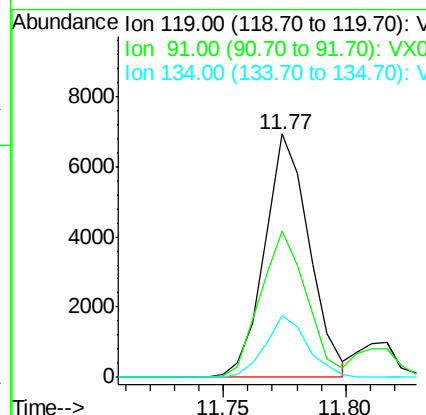
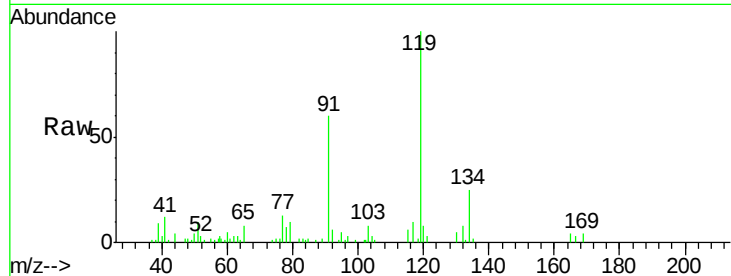




#83
 tert-Butylbenzene
 Concen: 0.99 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX001135.D
 Acq: 26 Apr 2018 17:03

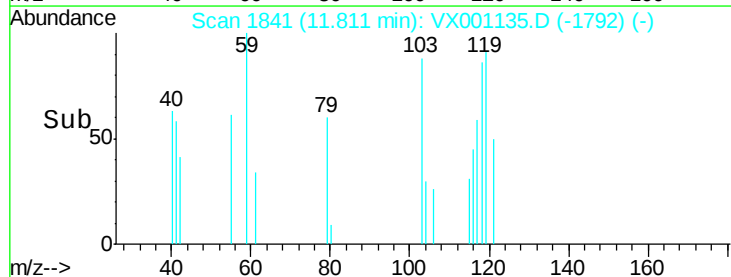
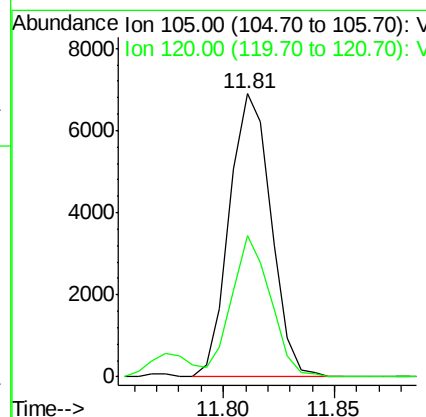
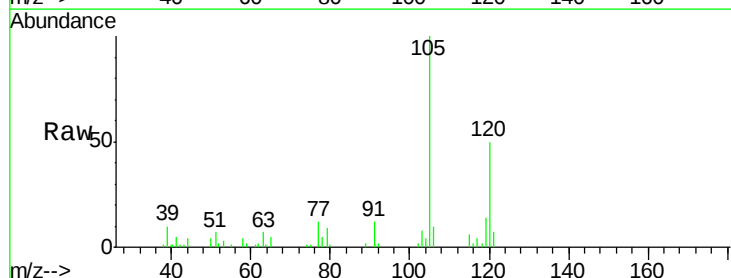
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

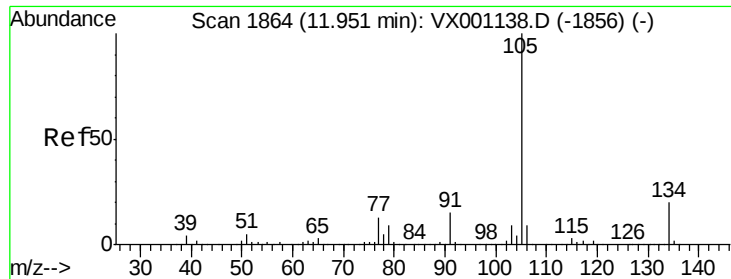
Tgt Ion:119 Resp: 8792
 Ion Ratio Lower Upper
 119 100
 91 62.5 27.6 82.8
 134 24.0 11.5 34.5



#84
 1,2,4-Trimethylbenzene
 Concen: 0.99 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX001135.D
 Acq: 26 Apr 2018 17:03

Tgt Ion:105 Resp: 8978
 Ion Ratio Lower Upper
 105 100
 120 46.3 22.4 67.3

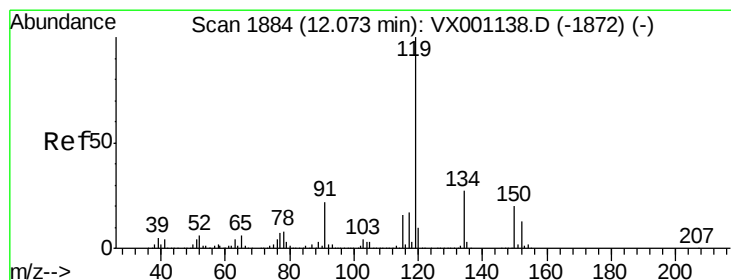
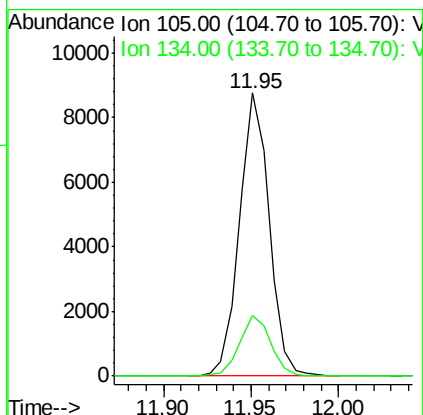
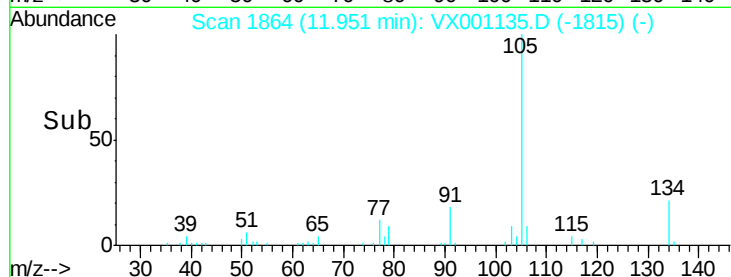
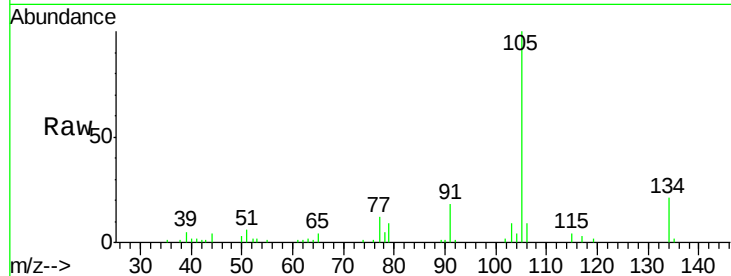




#85
 sec-Butylbenzene
 Concen: 0.98 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX001135.D
 Acq: 26 Apr 2018 17:03

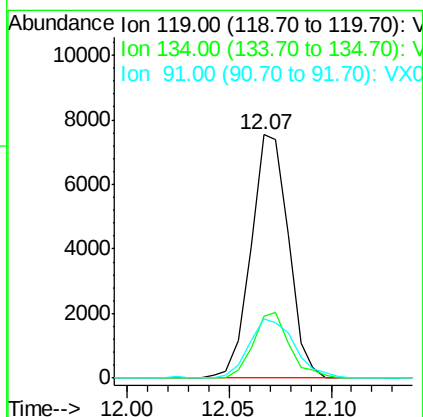
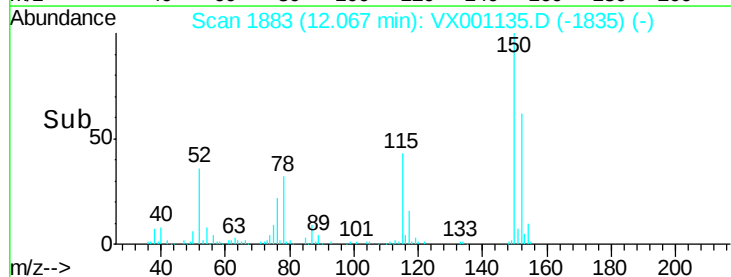
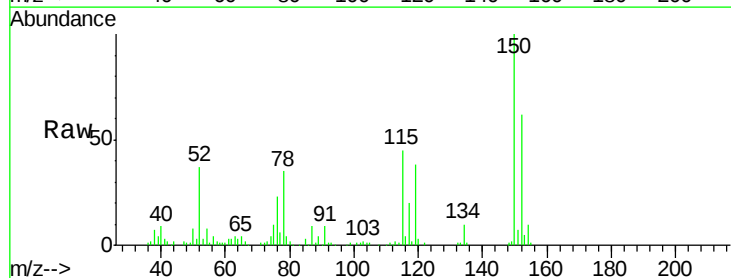
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

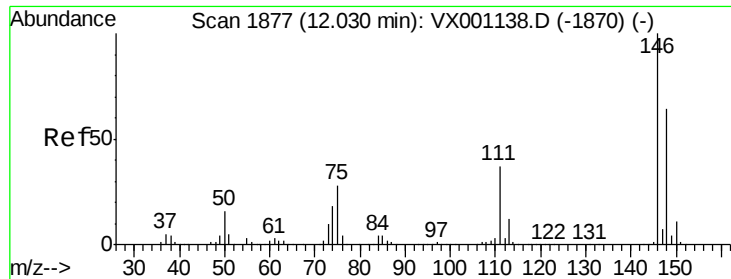
Tgt Ion:105 Resp: 10350
 Ion Ratio Lower Upper
 105 100
 134 22.7 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 0.99 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: VX001135.D
 Acq: 26 Apr 2018 17:03

Tgt Ion:119 Resp: 9644
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.4 40.1
 91 29.5 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 1.06 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX001135.D

Acq: 26 Apr 2018 17:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

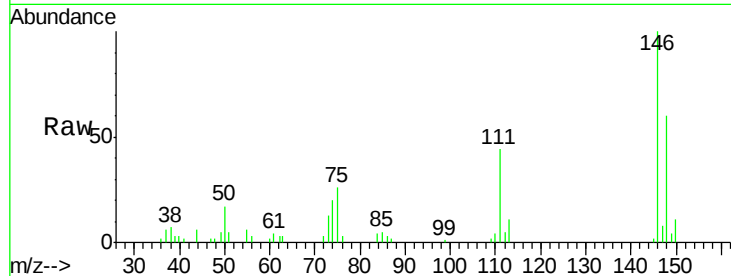
Tgt Ion:146 Resp: 5960

Ion Ratio Lower Upper

146 100

111 38.4 18.6 56.0

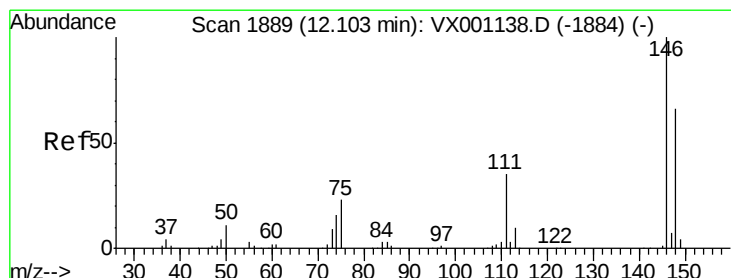
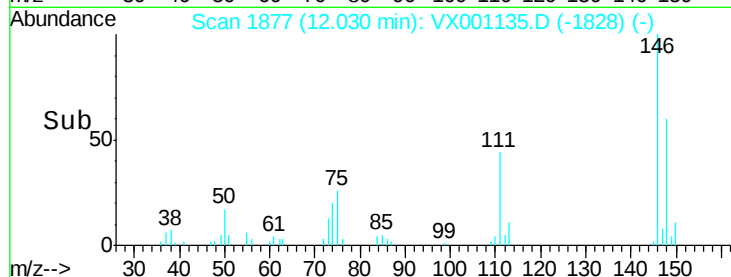
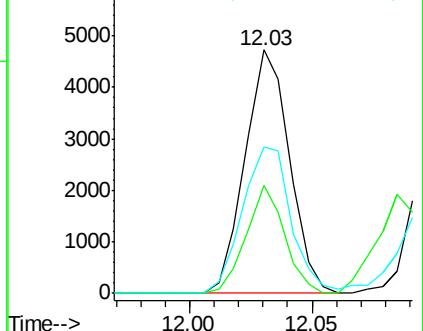
148 65.8 32.3 96.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 1.03 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.07 min

Lab File: VX001135.D

Acq: 26 Apr 2018 17:03

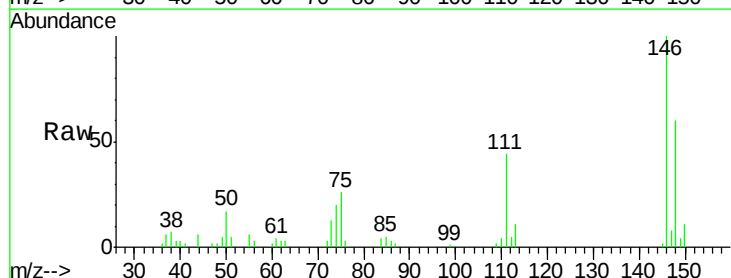
Tgt Ion:146 Resp: 5960

Ion Ratio Lower Upper

146 100

111 38.4 18.0 54.0

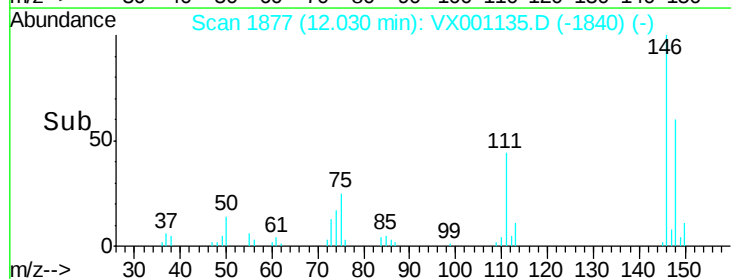
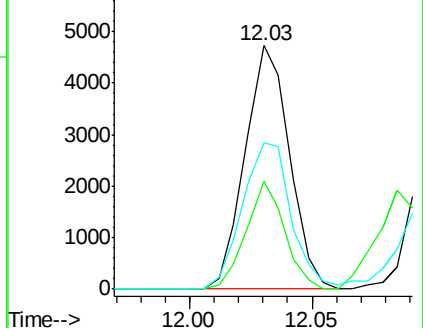
148 65.8 32.5 97.5

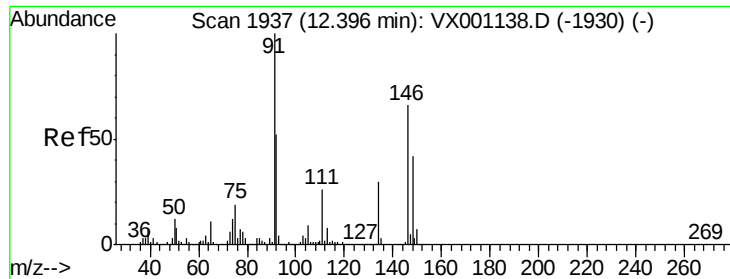


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

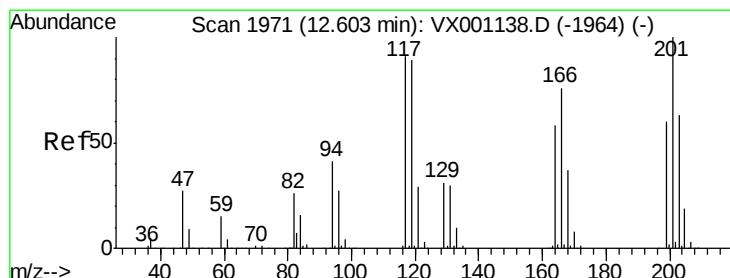
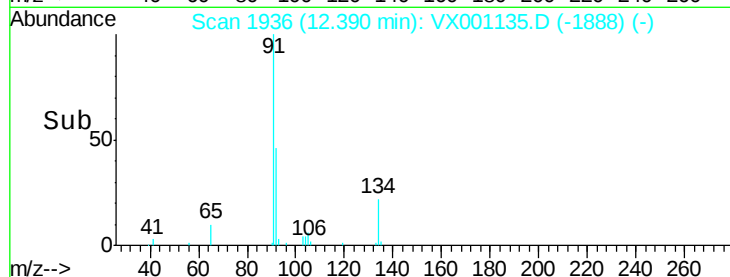
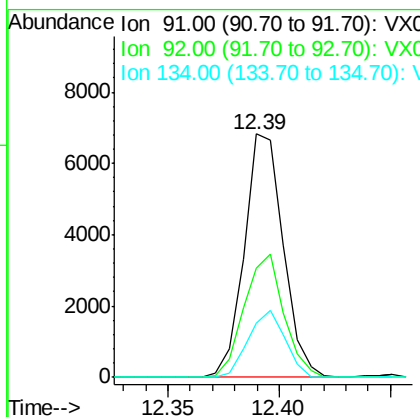
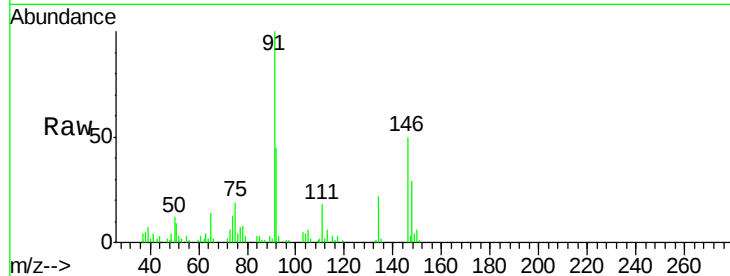




#89
n-Butylbenzene
Concen: 0.96 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.01 min
Lab File: VX001135.D
Acq: 26 Apr 2018 17:03

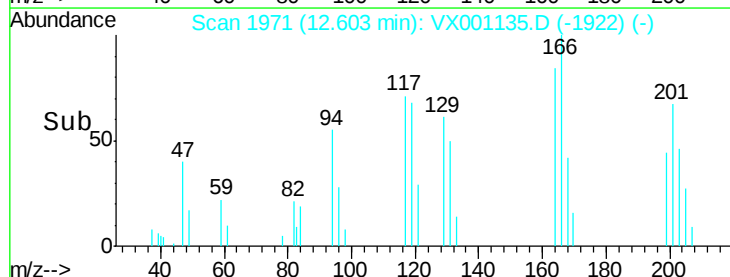
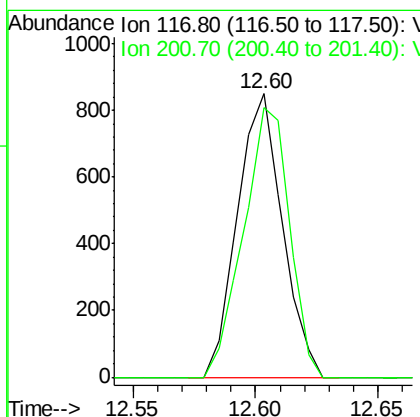
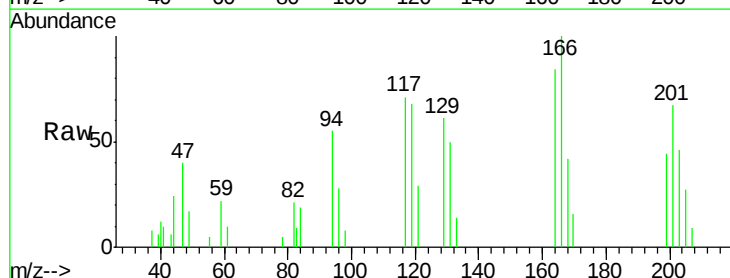
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

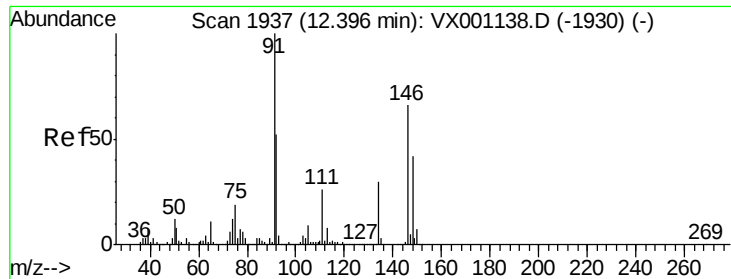
Tgt Ion: 91 Resp: 8339
Ion Ratio Lower Upper
91 100
92 51.1 26.2 78.6
134 25.9 14.1 42.3



#90
Hexachloroethane
Concen: 0.78 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX001135.D
Acq: 26 Apr 2018 17:03

Tgt Ion: 117 Resp: 1083
Ion Ratio Lower Upper
117 100
201 97.5 51.8 155.4





#91

1,2-Dichlorobenzene

Concen: 1.07 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX001135.D

Acq: 26 Apr 2018 17:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

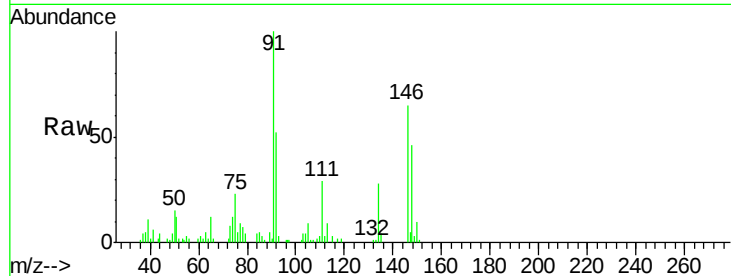
Tgt Ion: 146 Resp: 5871

Ion Ratio Lower Upper

146 100

111 40.8 19.1 57.3

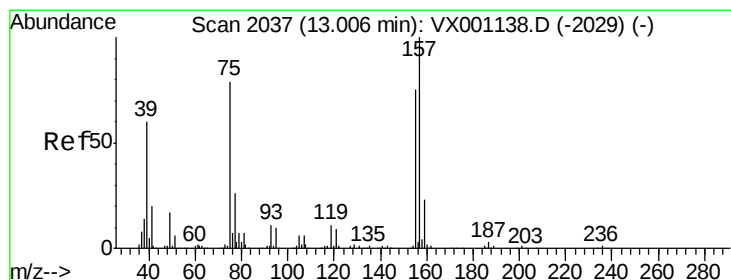
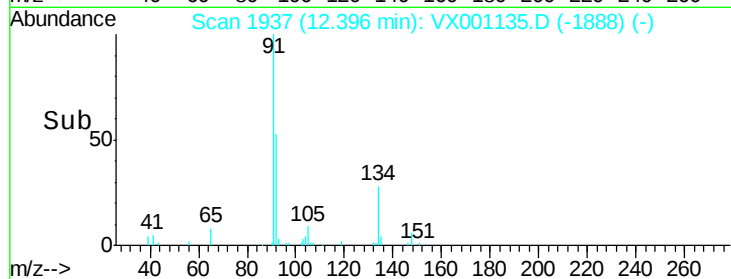
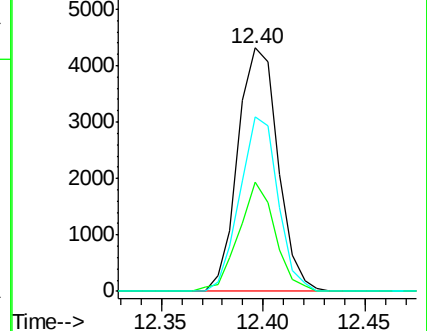
148 68.3 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.00 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX001135.D

Acq: 26 Apr 2018 17:03

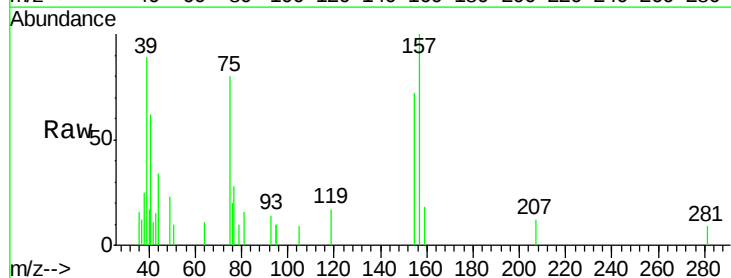
Tgt Ion: 75 Resp: 645

Ion Ratio Lower Upper

75 100

155 83.4 48.4 145.3

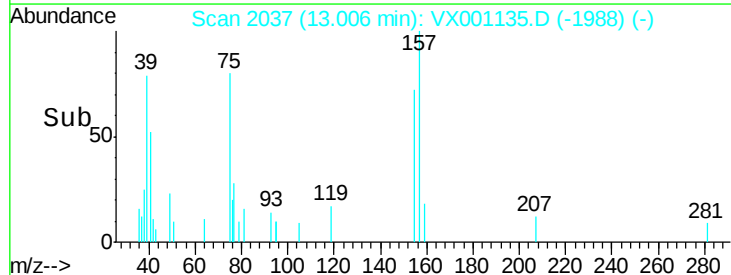
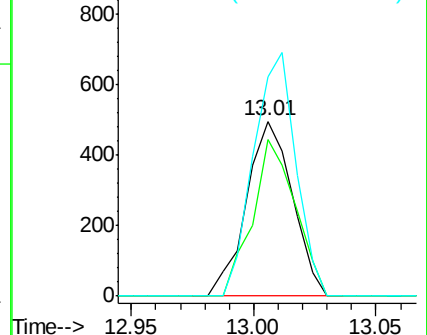
157 127.9 62.7 188.1

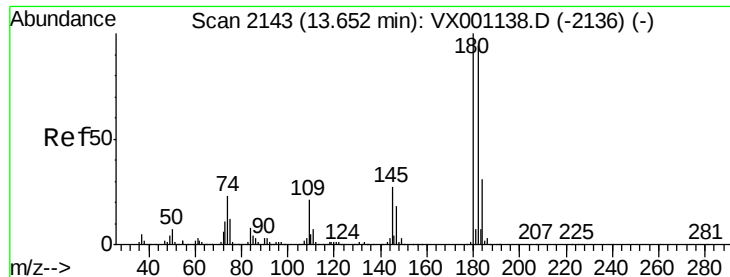


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

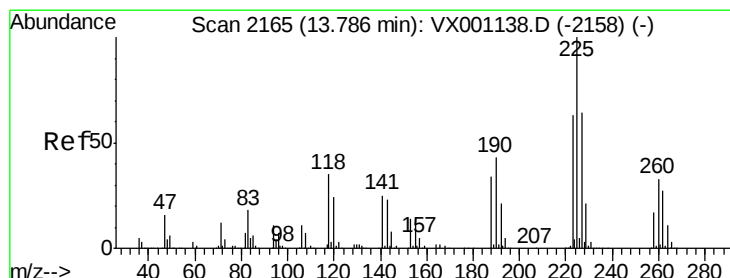
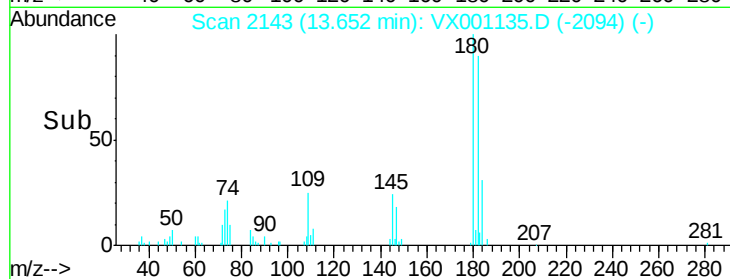
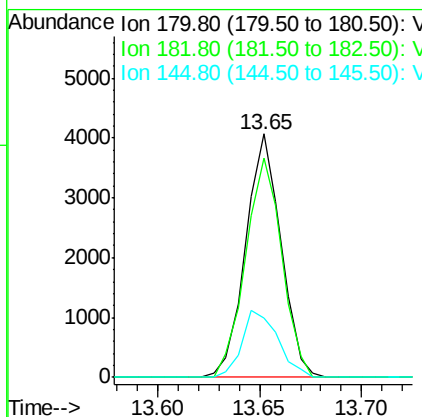
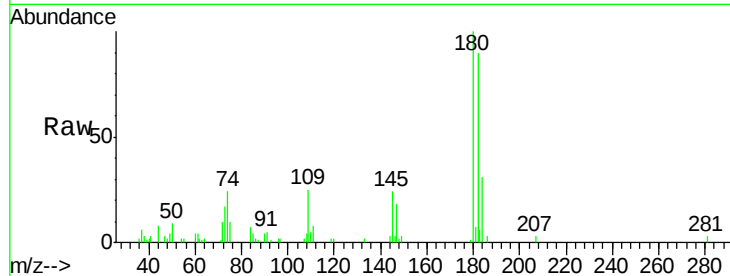




#93
 1,2,4-Trichlorobenzene
 Concen: 1.07 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001135.D
 Acq: 26 Apr 2018 17:03

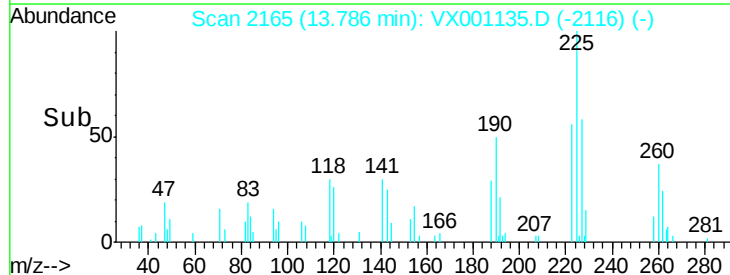
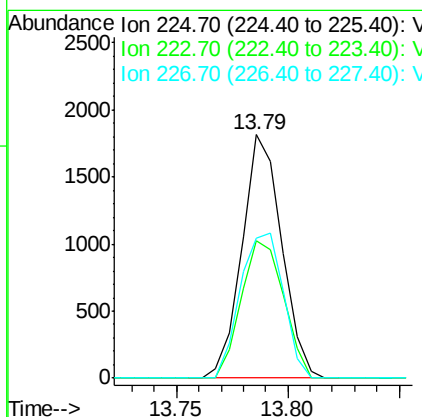
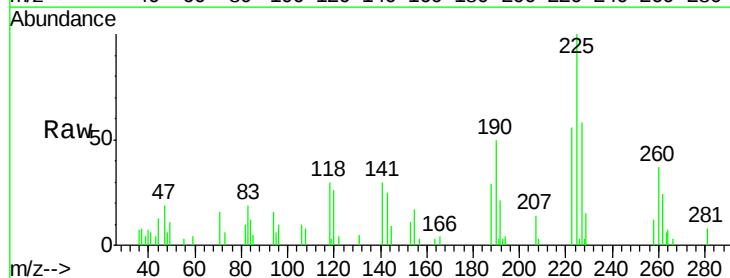
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

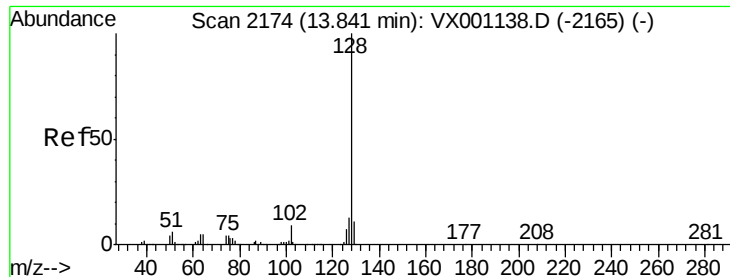
Tgt Ion:180 Resp: 4892
 Ion Ratio Lower Upper
 180 100
 182 92.7 47.9 143.6
 145 27.8 13.8 41.4



#94
 Hexachlorobutadiene
 Concen: 1.09 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX001135.D
 Acq: 26 Apr 2018 17:03

Tgt Ion:225 Resp: 2260
 Ion Ratio Lower Upper
 225 100
 223 60.2 31.3 93.9
 227 64.5 32.2 96.6





#95

Naphthalene

Concen: 1.06 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX001135.D

Acq: 26 Apr 2018 17:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

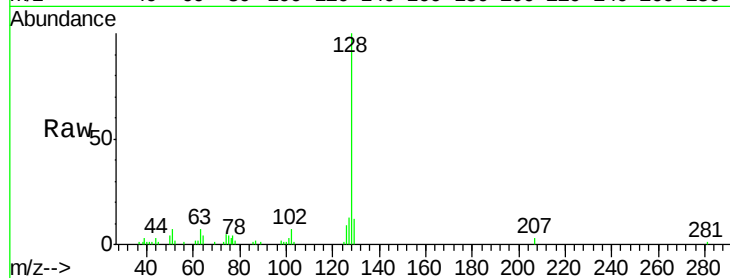
Tgt Ion:128 Resp: 12169

Ion Ratio Lower Upper

128 100

127 12.7 10.6 15.8

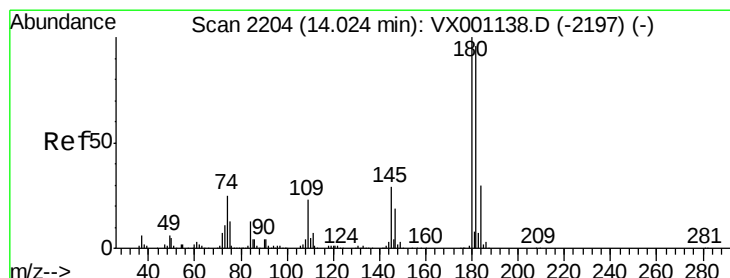
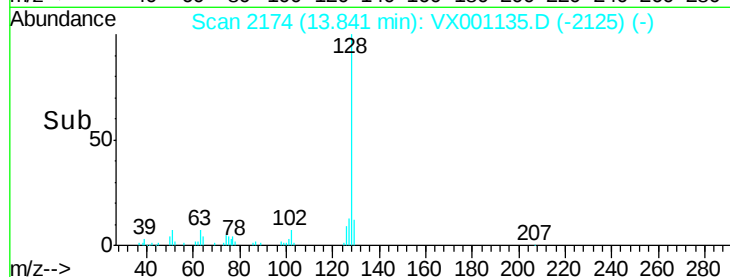
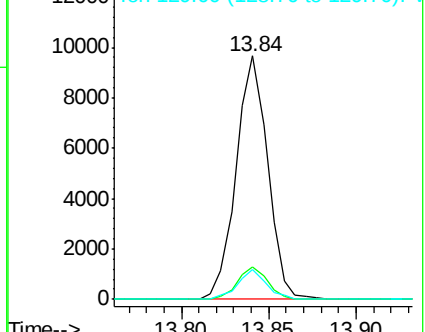
129 11.2 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 1.05 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX001135.D

Acq: 26 Apr 2018 17:03

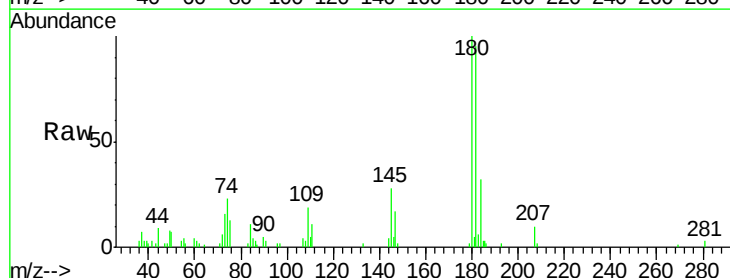
Tgt Ion:180 Resp: 4657

Ion Ratio Lower Upper

180 100

182 99.9 48.2 144.6

145 30.5 14.5 43.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

