

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX052418\
 Data File : VX001938.D
 Acq On : 24 May 2018 11:46
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Quant Time: May 24 12:38:28 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 12:37:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	319823	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	450219	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	415838	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	280263	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	282022	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
35) Dibromofluoromethane	5.51	113	219400	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
50) Toluene-d8	8.72	98	809831	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
62) 4-Bromofluorobenzene	11.14	95	317024	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	207926	50.00	ug/l	100
3) Chloromethane	1.32	50	236872	50.00	ug/l	100
4) Vinyl Chloride	1.40	62	228667	50.00	ug/l	100
5) Bromomethane	1.64	94	110166	50.00	ug/l	100
6) Chloroethane	1.72	64	134899	50.00	ug/l	100
7) Trichlorofluoromethane	1.92	101	345086	50.00	ug/l	100
8) Diethyl Ether	2.19	74	126546	50.00	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	189509	50.00	ug/l	100
10) Methyl Iodide	2.51	142	292200	50.00	ug/l	100
11) Tert butyl alcohol	3.09	59	277851	250.00	ug/l	100
12) 1,1-Dichloroethene	2.37	96	176732	50.00	ug/l	100
13) Acrolein	2.30	56	110166	250.00	ug/l	100
14) Allyl chloride	2.73	41	380422	50.00	ug/l	100
15) Acrylonitrile	3.15	53	569511	250.00	ug/l	100
16) Acetone	2.45	43	533303	250.00	ug/l	100
17) Carbon Disulfide	2.57	76	516722	50.00	ug/l	100
18) Methyl Acetate	2.78	43	275571	50.00	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	681259	50.00	ug/l	100
20) Methylene Chloride	2.86	84	197916	50.00	ug/l	100
21) trans-1,2-Dichloroethene	3.17	96	190073	50.00	ug/l	100
22) Diisopropyl ether	3.88	45	798189	50.00	ug/l	100
23) Vinyl Acetate	3.83	43	3245097	250.00	ug/l	100
24) 1,1-Dichloroethane	3.70	63	367743	50.00	ug/l	100
25) 2-Butanone	4.72	43	1005986	250.00	ug/l	100
26) 2,2-Dichloropropane	4.59	77	364654	50.00	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	236159	50.00	ug/l	100
28) Bromochloromethane	5.03	49	167517	50.00	ug/l	100
29) Tetrahydrofuran	5.18	42	650162	250.00	ug/l	100
30) Chloroform	5.22	83	406860	50.00	ug/l	100
31) Cyclohexane	5.57	56	376191	50.00	ug/l	100
32) 1,1,1-Trichloroethane	5.50	97	385236	50.00	ug/l	100
36) 1,1-Dichloropropene	5.80	75	300263	50.00	ug/l	100
37) Ethyl Acetate	4.87	43	397323	50.00	ug/l	100
38) Carbon Tetrachloride	5.79	117	350252	50.00	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	366055	50.00	ug/l	100
40) Benzene	6.15	78	892636	50.00	ug/l	100
41) Methacrylonitrile	5.07	41	220873	50.00	ug/l	100
42) 1,2-Dichloroethane	6.21	62	348451	50.00	ug/l	100
43) Isopropyl Acetate	6.48	43	665474	50.00	ug/l	100
44) Trichloroethene	7.22	130	257747	50.00	ug/l	100
45) 1,2-Dichloropropane	7.52	63	237924	50.00	ug/l	100
46) Dibromomethane	7.67	93	160572	50.00	ug/l	100
47) Bromodichloromethane	7.90	83	337495	50.00	ug/l	100
48) Methyl methacrylate	7.79	41	336265	50.00	ug/l	100
49) 1,4-Dioxane	7.76	88	121233	1000.00	ug/l	100
51) 4-Methyl-2-Pentanone	8.66	43	2012306	250.00	ug/l	100
52) Toluene	8.79	92	564016	50.00	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	398682	50.00	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	385515	50.00	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	230996	50.00	ug/l	100
56) Ethyl methacrylate	9.19	69	397827	50.00	ug/l	100
57) 1,3-Dichloropropane	9.38	76	387387	50.00	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	897011	250.00	ug/l	100
59) 2-Hexanone	9.51	43	1557394	250.00	ug/l	100
60) Dibromochloromethane	9.59	129	281801	50.00	ug/l	100
61) 1,2-Dibromoethane	9.68	107	247864	50.00	ug/l	100
64) Tetrachloroethene	9.34	164	286168	50.00	ug/l	100
65) Chlorobenzene	10.15	112	632980	50.00	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	253694	50.00	ug/l	100
67) Ethyl Benzene	10.26	91	1111394	50.00	ug/l	100
68) m/p-Xylenes	10.37	106	845817	100.00	ug/l	100
69) o-Xylene	10.70	106	419007	50.00	ug/l	100
70) Styrene	10.72	104	703600	50.00	ug/l	100
71) Bromoform	10.87	173	246897	50.00	ug/l	100
73) Isopropylbenzene	11.02	105	1130677	50.00	ug/l	100
74) N-amyl acetate	6.48	43	665474	50.00	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	330418	50.00	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	457859	73.97	ug/l	78
77) Bromobenzene	11.26	156	300649	50.00	ug/l	100
78) n-propylbenzene	11.37	91	1283286	50.00	ug/l	100
79) 2-Chlorotoluene	11.43	91	768797	50.00	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	963990	50.00	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	130137	50.00	ug/l	100
82) 4-Chlorotoluene	11.52	91	896765	50.00	ug/l	100
83) tert-Butylbenzene	11.77	119	935422	50.00	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	989360	50.00	ug/l	100
85) sec-Butylbenzene	11.95	105	1145958	50.00	ug/l	100
86) p-Isopropyltoluene	12.07	119	1028667	50.00	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	536560	50.00	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	539880	50.00	ug/l	100
89) n-Butylbenzene	12.39	91	893634	50.00	ug/l	100
90) Hexachloroethane	12.60	117	201572	50.00	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	550639	50.00	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	100728	50.00	ug/l	100

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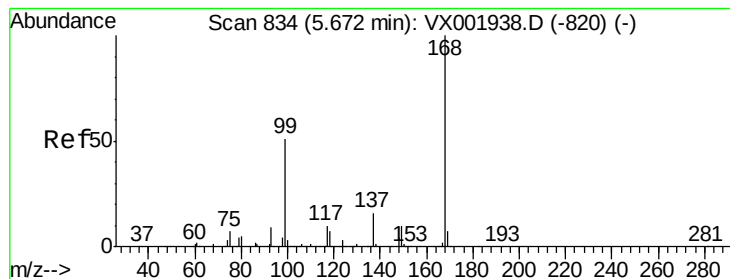
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	402678	50.00	ug/l	100
94) Hexachlorobutadiene	13.79	225	215115	50.00	ug/l	100
95) Naphthalene	13.84	128	1235139	50.00	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	413568	50.00	ug/l	100

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

[illegible]



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001938.D

Acq: 24 May 2018 11:46

Instrument :

MSVOA_X

ClientSampleId :

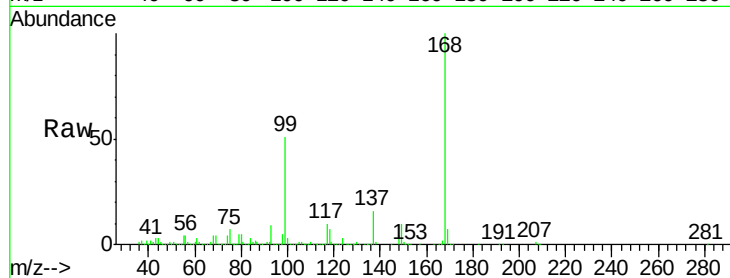
VSTDICCC050

Tgt Ion:168 Resp: 319823

Ion Ratio Lower Upper

168 100

99 51.2 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

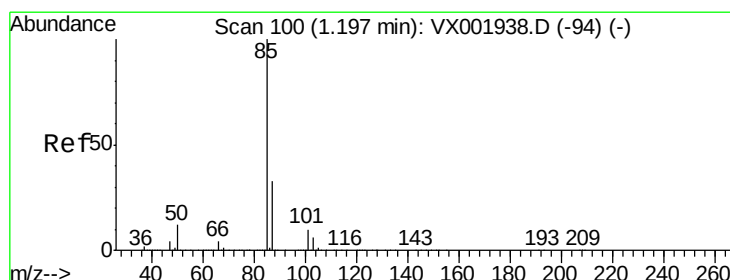
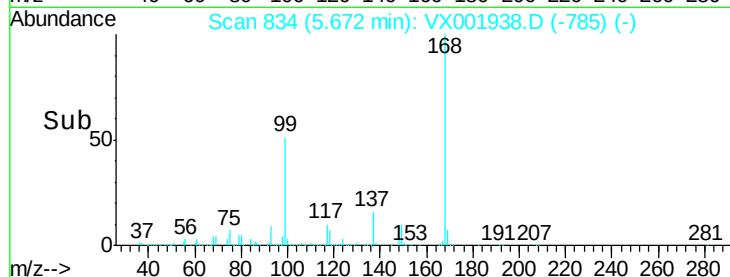
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 50.00 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001938.D

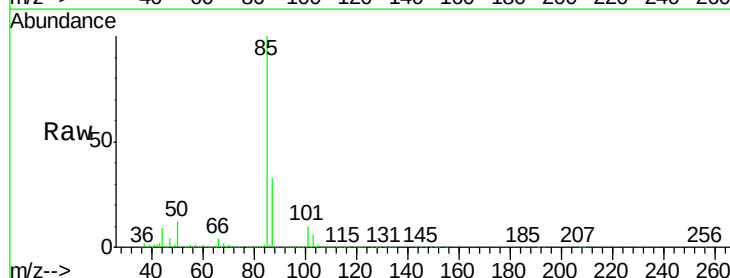
Acq: 24 May 2018 11:46

Tgt Ion: 85 Resp: 207926

Ion Ratio Lower Upper

85 100

87 33.3 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

200000

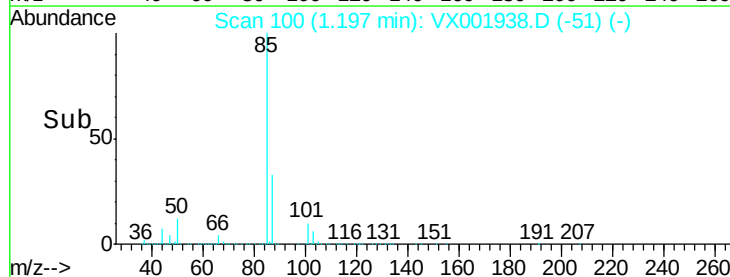
150000

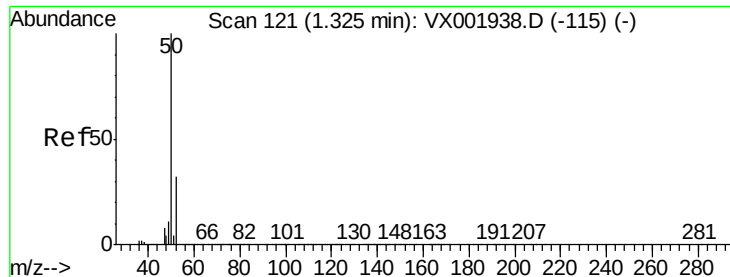
100000

50000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 50.00 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001938.D

Acq: 24 May 2018 11:46

Instrument :

MSVOA_X

ClientSampleId :

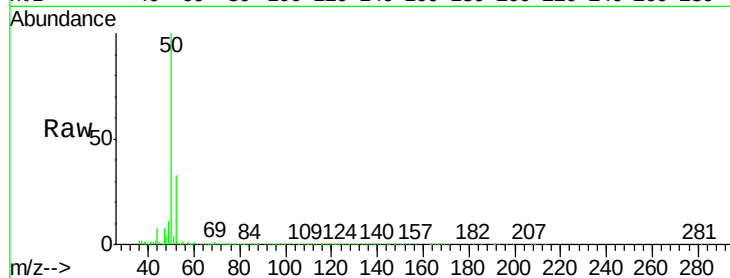
VSTDICCC050

Tgt Ion: 50 Resp: 236872

Ion Ratio Lower Upper

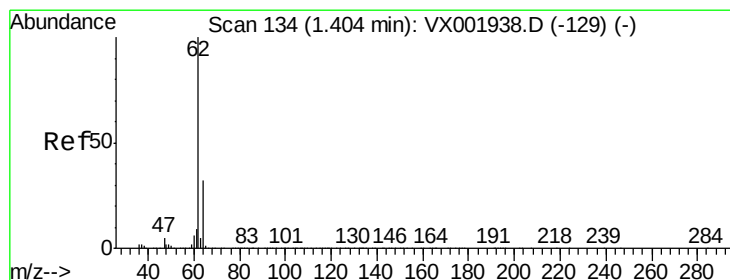
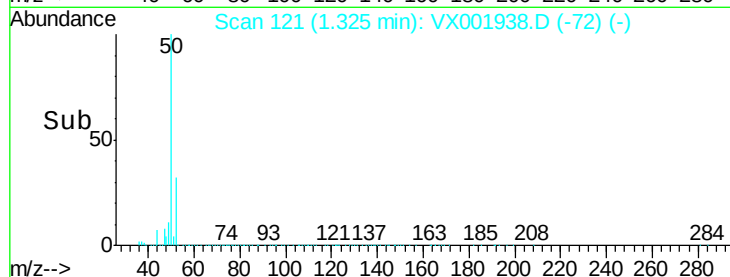
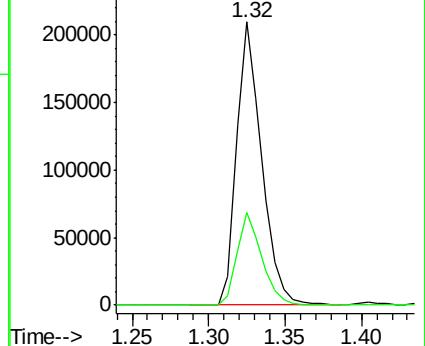
50 100

52 32.5 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 50.00 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001938.D

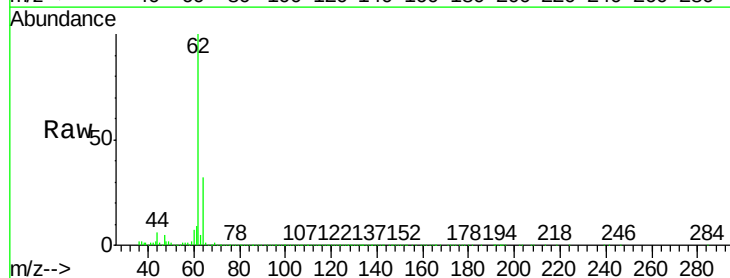
Acq: 24 May 2018 11:46

Tgt Ion: 62 Resp: 228667

Ion Ratio Lower Upper

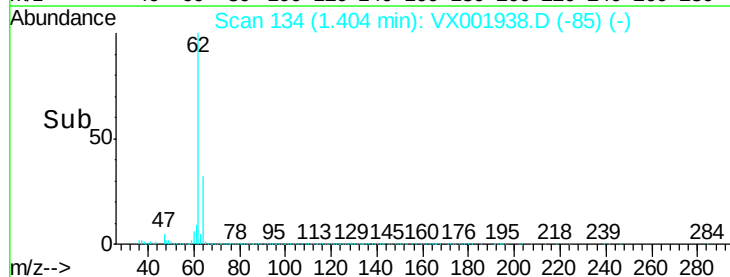
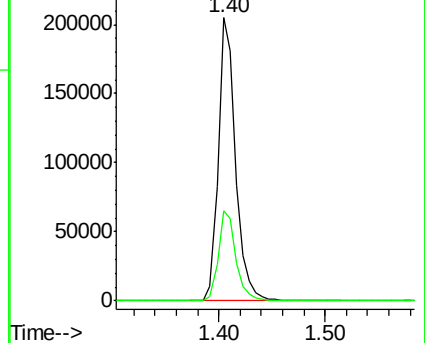
62 100

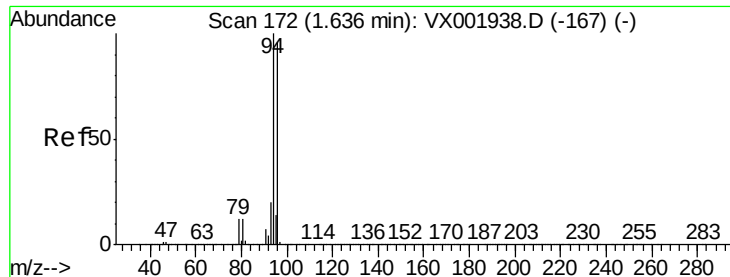
64 31.7 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 50.00 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001938.D

Acq: 24 May 2018 11:46

Instrument :

MSVOA_X

ClientSampleId :

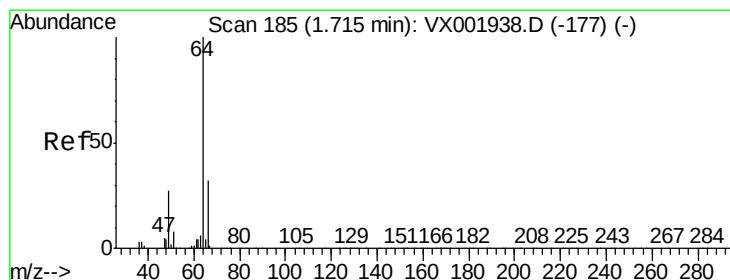
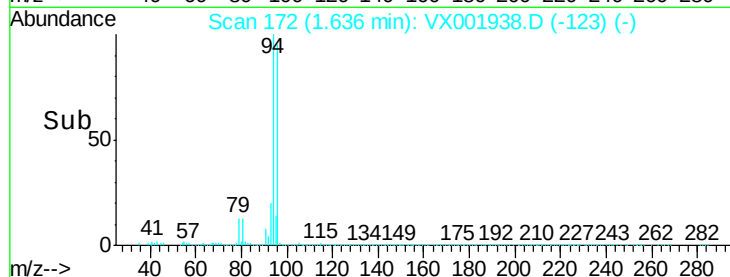
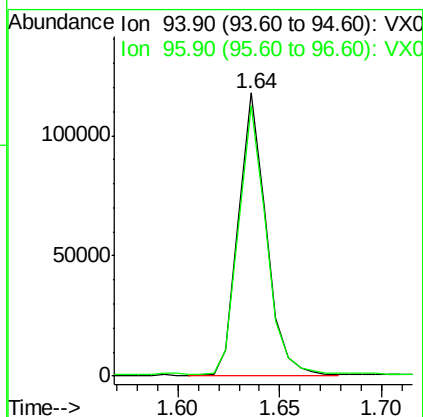
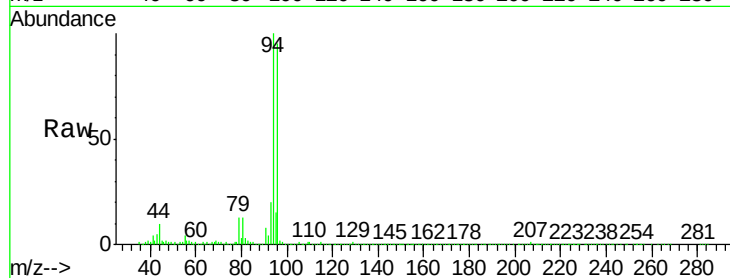
VSTDICCC050

Tgt Ion: 94 Resp: 110166

Ion Ratio Lower Upper

94 100

96 94.9 75.9 113.9



#6

Chloroethane

Concen: 50.00 ug/l

RT: 1.72 min Scan# 185

Delta R.T. 0.00 min

Lab File: VX001938.D

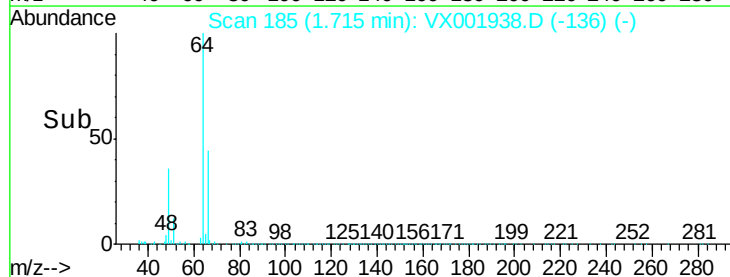
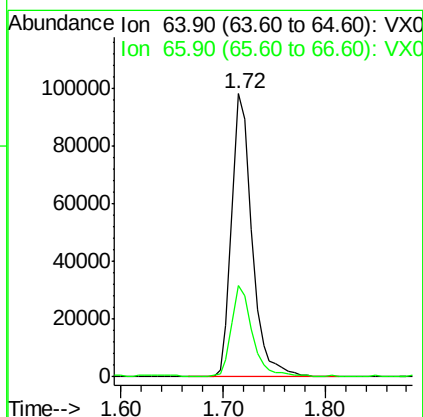
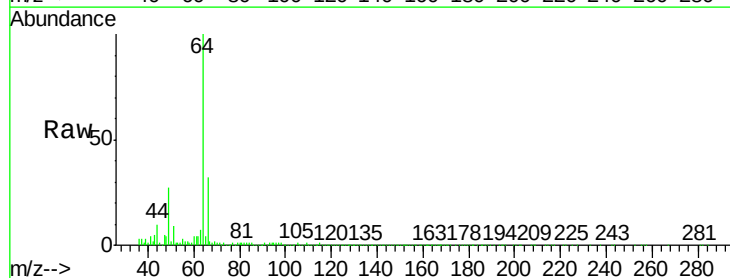
Acq: 24 May 2018 11:46

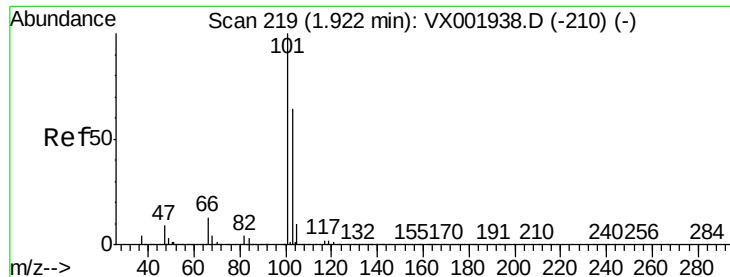
Tgt Ion: 64 Resp: 134899

Ion Ratio Lower Upper

64 100

66 32.0 25.6 38.4



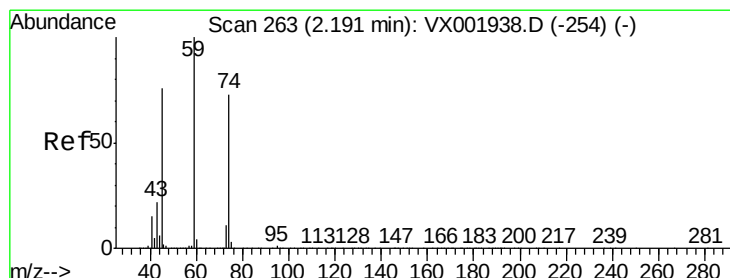
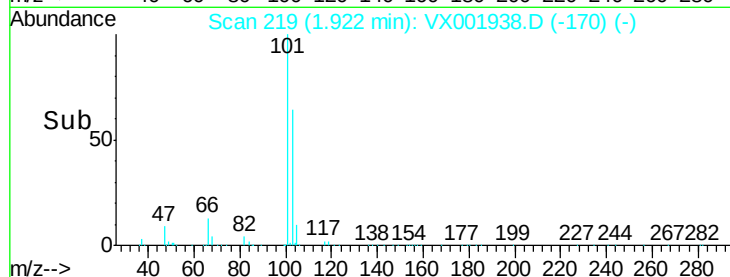
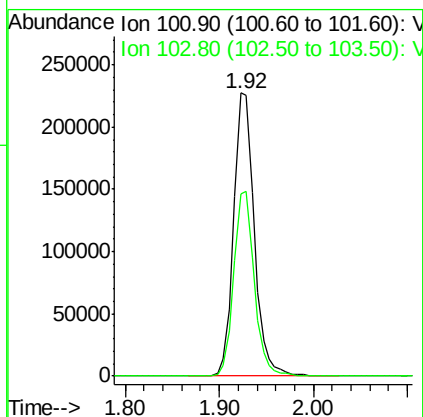
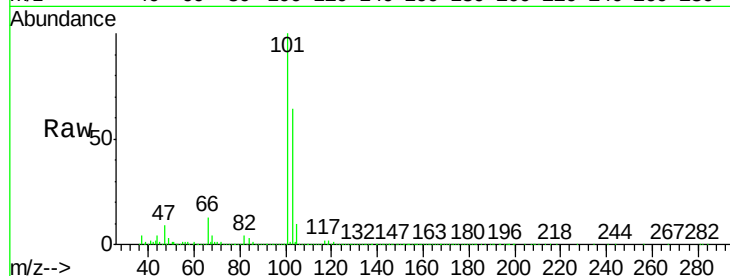


#7

Trichlorofluoromethane
Concen: 50.00 ug/l
RT: 1.92 min Scan# 219
Delta R.T. 0.00 min
Lab File: VX001938.D
Acq: 24 May 2018 11:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

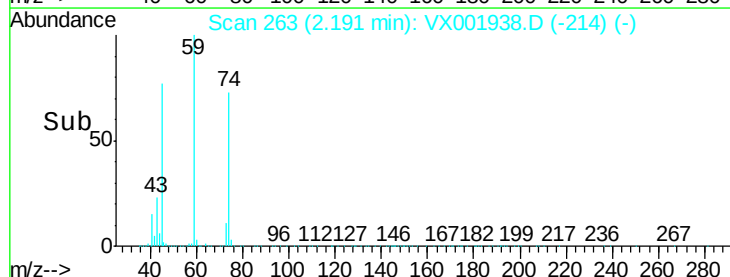
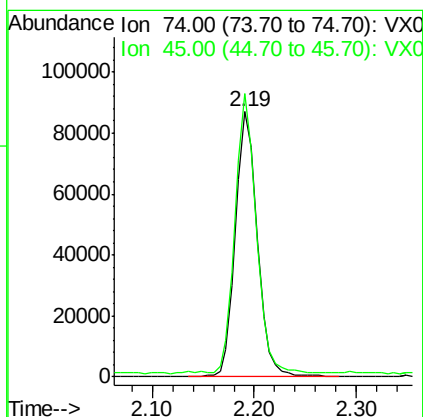
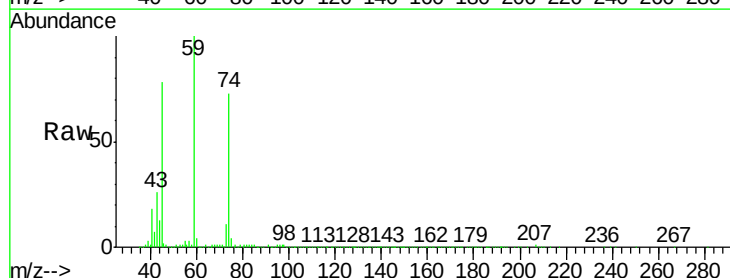
Tgt Ion:101 Resp: 345086
Ion Ratio Lower Upper
101 100
103 64.2 51.4 77.0

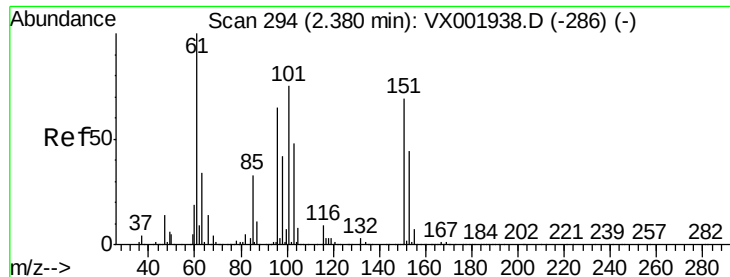


#8

Diethyl Ether
Concen: 50.00 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX001938.D
Acq: 24 May 2018 11:46

Tgt Ion: 74 Resp: 126546
Ion Ratio Lower Upper
74 100
45 103.1 51.5 154.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.00 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX001938.D

Acq: 24 May 2018 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

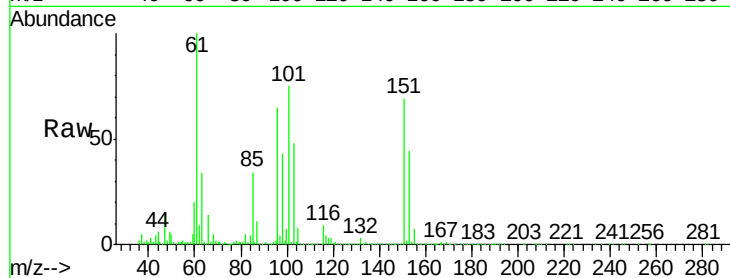
Tgt Ion:101 Resp: 189509

Ion Ratio Lower Upper

101 100

85 44.5 35.6 53.4

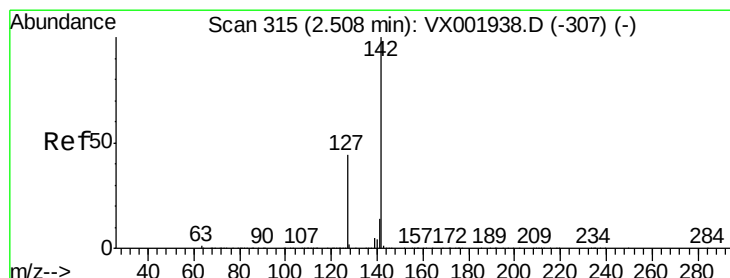
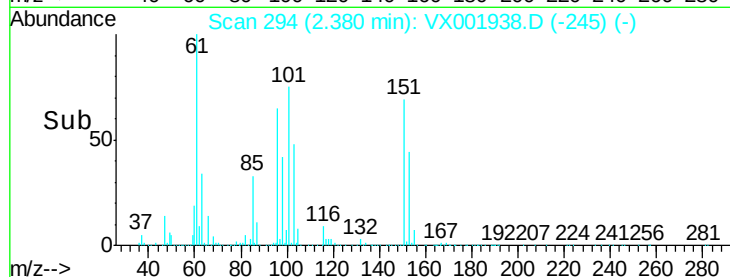
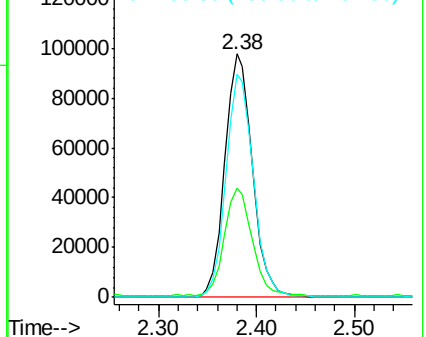
151 91.5 73.2 109.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.00 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX001938.D

Acq: 24 May 2018 11:46

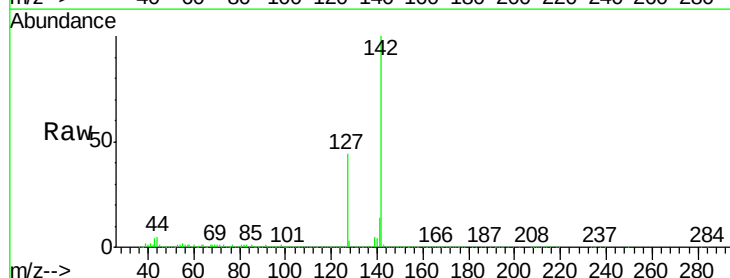
Tgt Ion:142 Resp: 292200

Ion Ratio Lower Upper

142 100

127 44.4 35.5 53.3

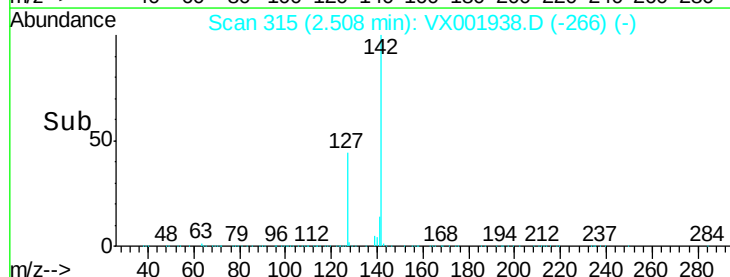
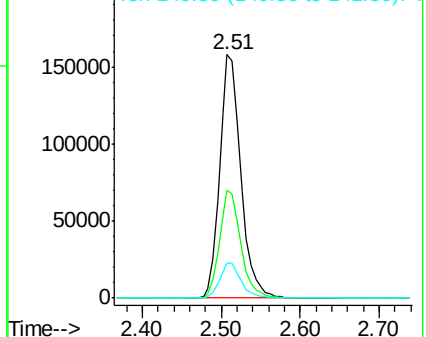
141 14.1 11.3 16.9

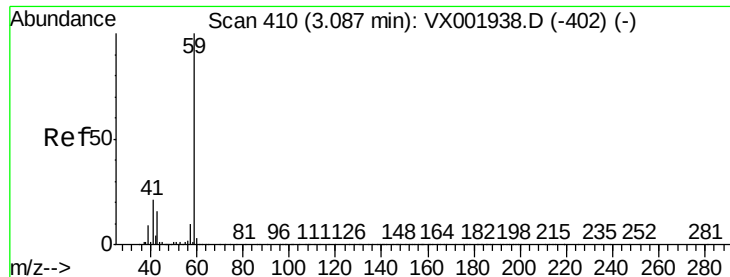


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 250.00 ug/l

RT: 3.09 min Scan# 410

Delta R.T. 0.00 min

Lab File: VX001938.D

Acq: 24 May 2018 11:46

Instrument :

MSVOA_X

ClientSampleId :

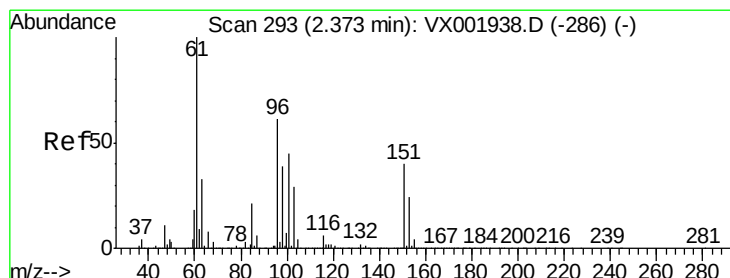
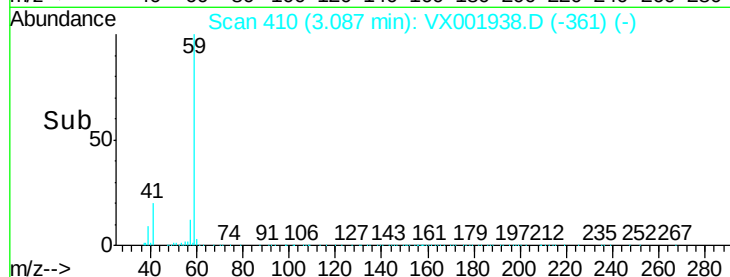
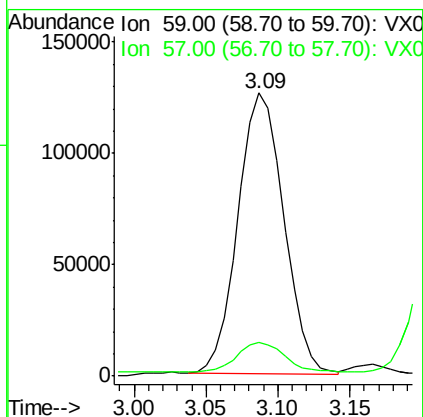
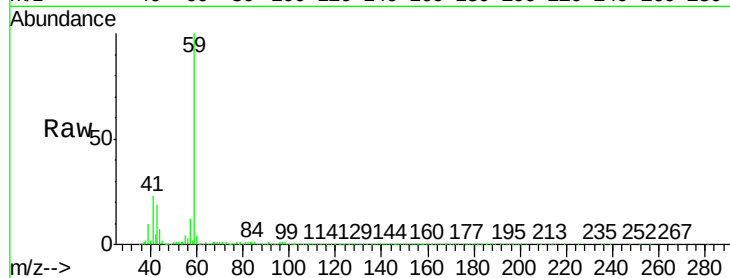
VSTDICCC050

Tgt Ion: 59 Resp: 277851

Ion Ratio Lower Upper

59 100

57 11.1 8.9 13.3



#12

1,1-Dichloroethene

Concen: 50.00 ug/l

RT: 2.37 min Scan# 293

Delta R.T. 0.00 min

Lab File: VX001938.D

Acq: 24 May 2018 11:46

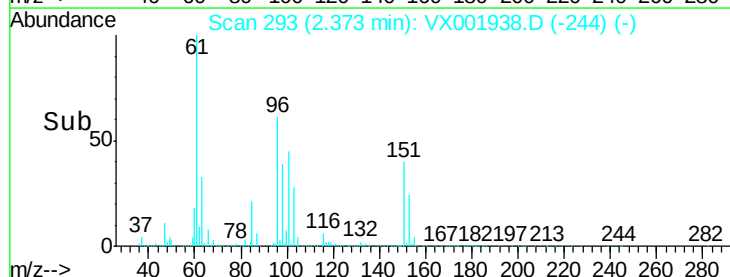
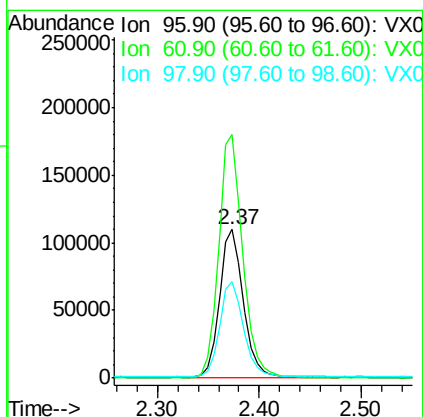
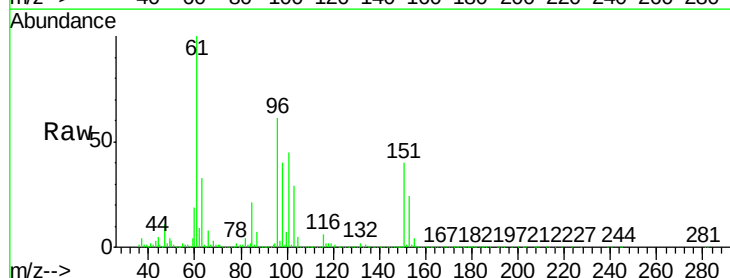
Tgt Ion: 96 Resp: 176732

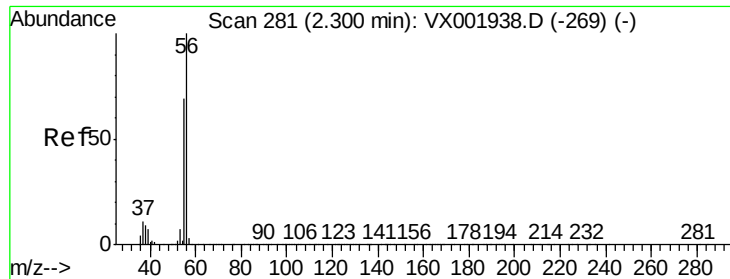
Ion Ratio Lower Upper

96 100

61 164.6 131.7 197.5

98 64.5 51.6 77.4

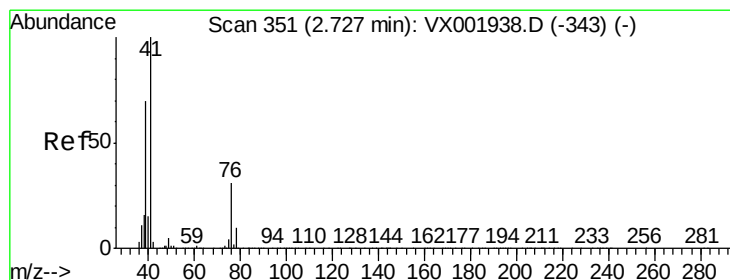
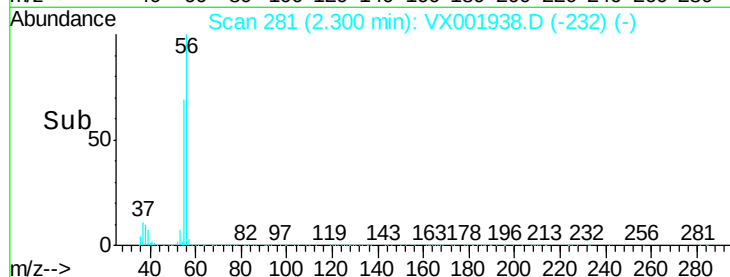
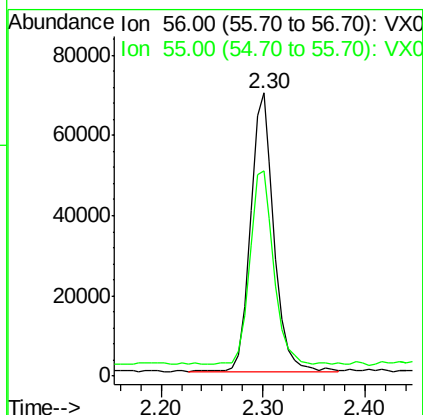
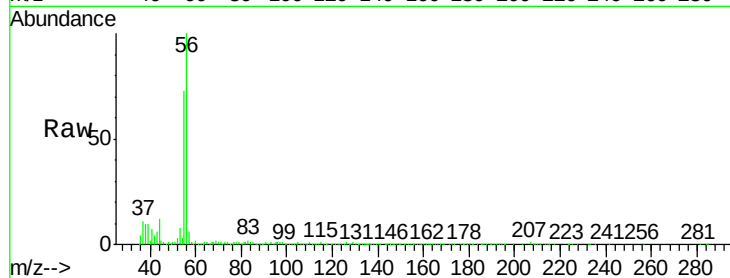




#13
Acrolein
Concen: 250.00 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.00 min
Lab File: VX001938.D
Acq: 24 May 2018 11:46

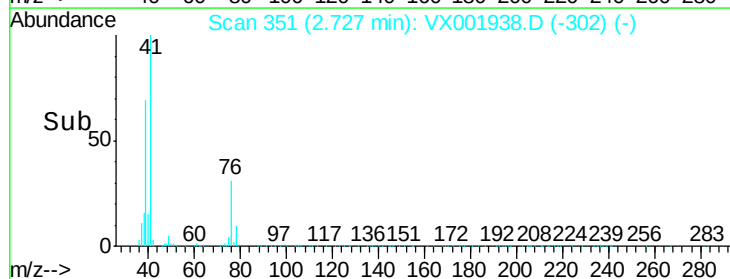
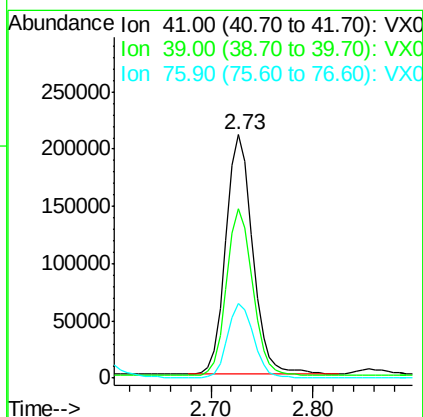
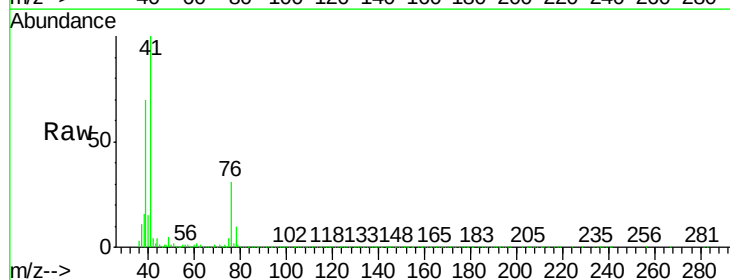
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

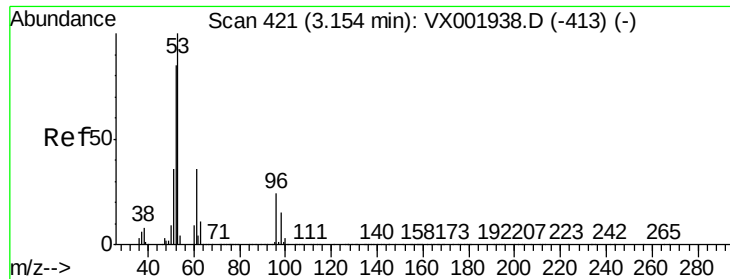
Tgt Ion: 56 Resp: 110166
Ion Ratio Lower Upper
56 100
55 71.0 56.8 85.2



#14
Allyl chloride
Concen: 50.00 ug/l
RT: 2.73 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX001938.D
Acq: 24 May 2018 11:46

Tgt Ion: 41 Resp: 380422
Ion Ratio Lower Upper
41 100
39 67.9 54.3 81.5
76 30.3 24.2 36.4





#15

Acrylonitrile

Concen: 250.00 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001938.D

Acq: 24 May 2018 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

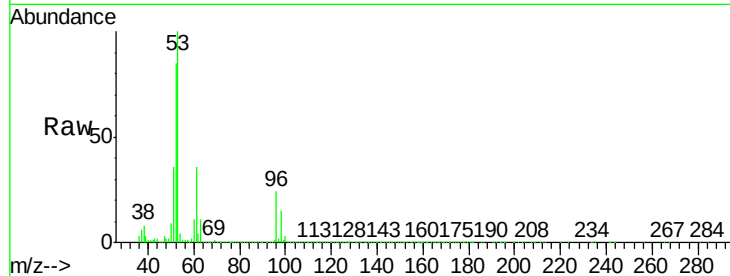
Tgt Ion: 53 Resp: 569511

Ion Ratio Lower Upper

53 100

52 83.0 66.4 99.6

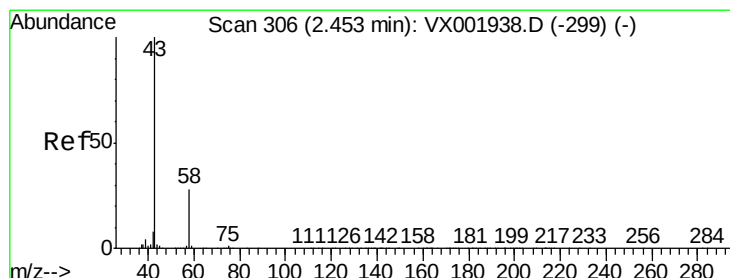
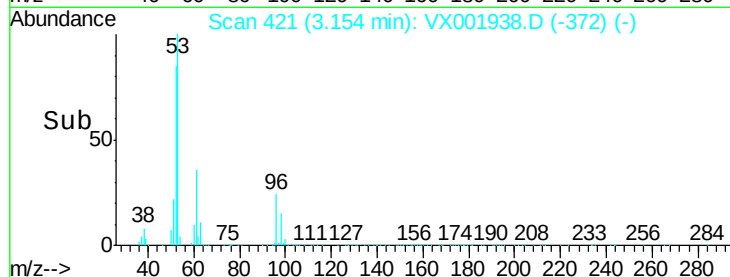
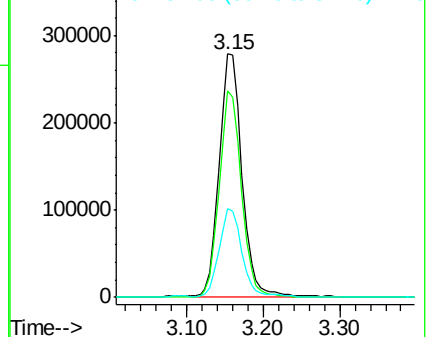
51 36.6 29.3 43.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 250.00 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001938.D

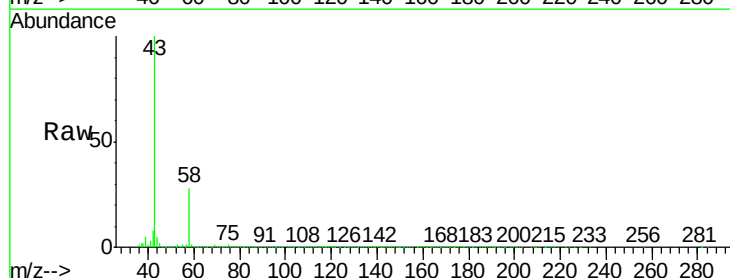
Acq: 24 May 2018 11:46

Tgt Ion: 43 Resp: 533303

Ion Ratio Lower Upper

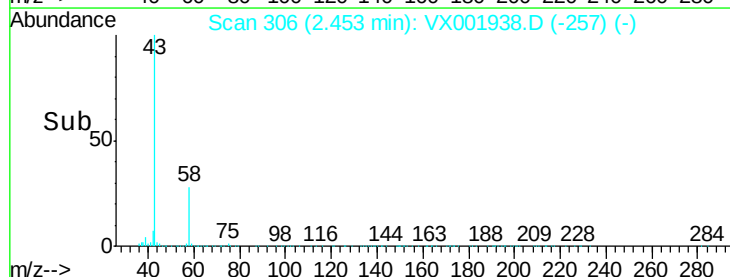
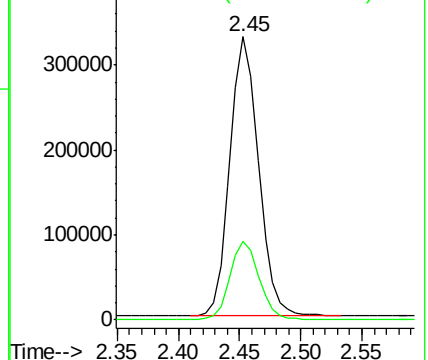
43 100

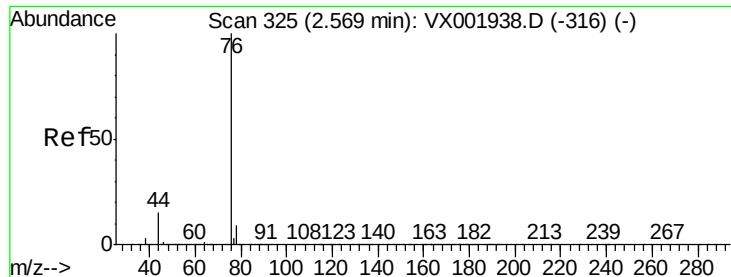
58 27.9 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 50.00 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX001938.D

Acq: 24 May 2018 11:46

Instrument :

MSVOA_X

ClientSampleId :

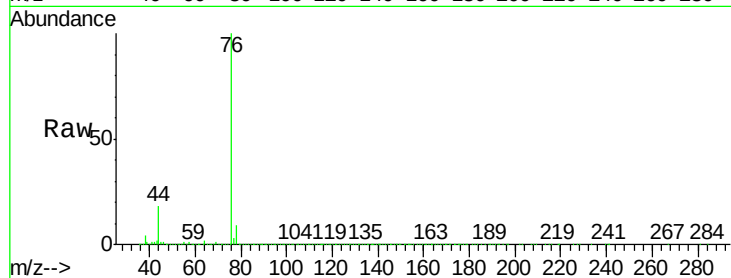
VSTDICCC050

Tgt Ion: 76 Resp: 516722

Ion Ratio Lower Upper

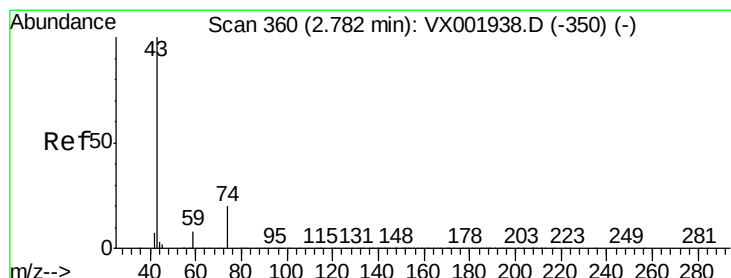
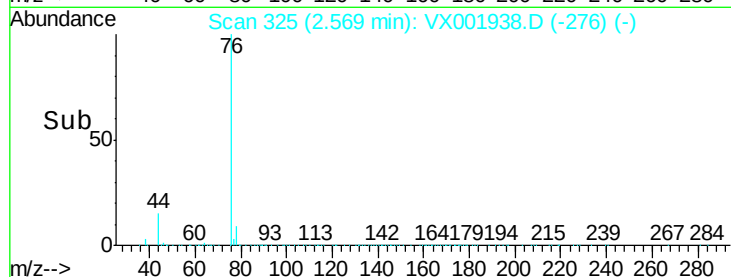
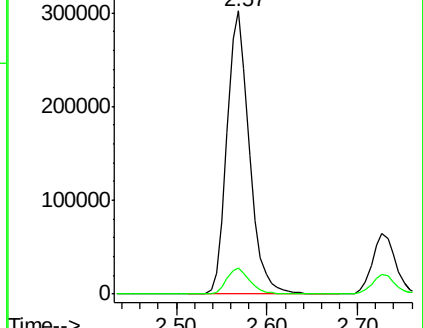
76 100

78 9.3 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 50.00 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX001938.D

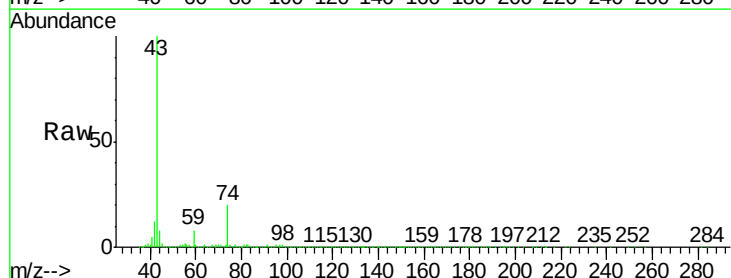
Acq: 24 May 2018 11:46

Tgt Ion: 43 Resp: 275571

Ion Ratio Lower Upper

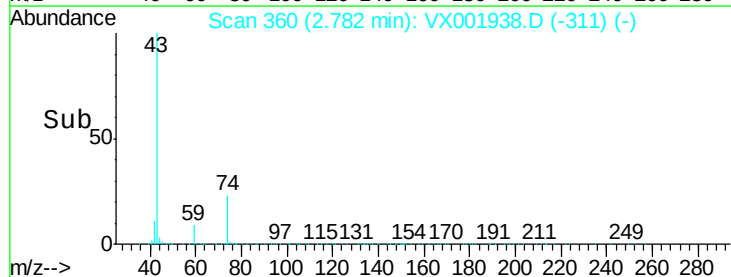
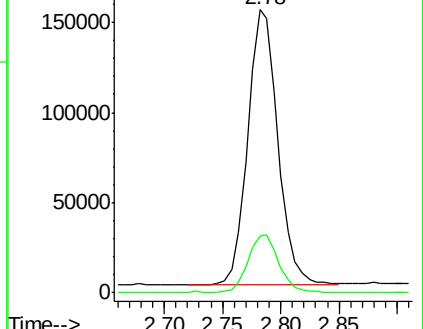
43 100

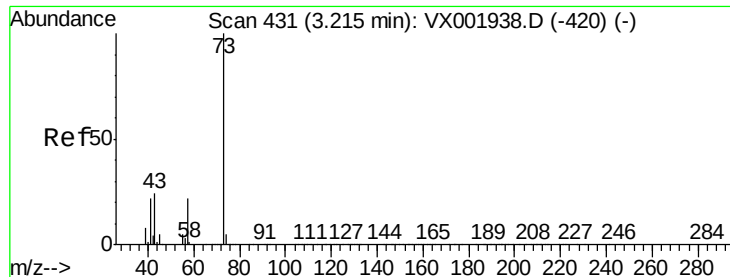
74 21.0 16.8 25.2



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: 50.00 ug/l

RT: 3.21 min Scan# 431

Delta R.T. 0.00 min

Lab File: VX001938.D

Acq: 24 May 2018 11:46

Instrument :

MSVOA_X

ClientSampleId :

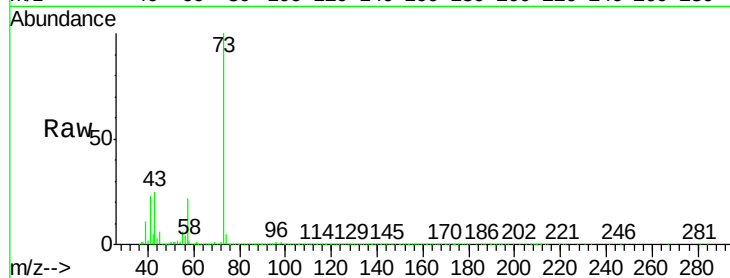
VSTDICCC050

Tgt Ion: 73 Resp: 681259

Ion Ratio Lower Upper

73 100

57 21.7 17.4 26.0



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.21

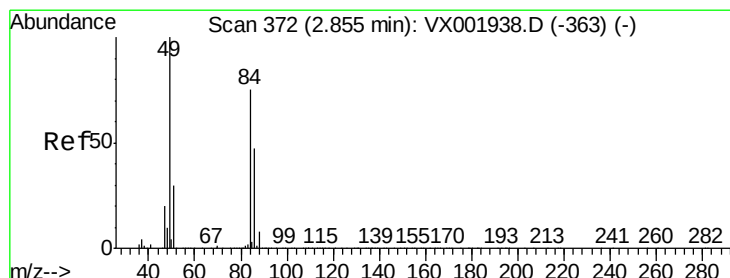
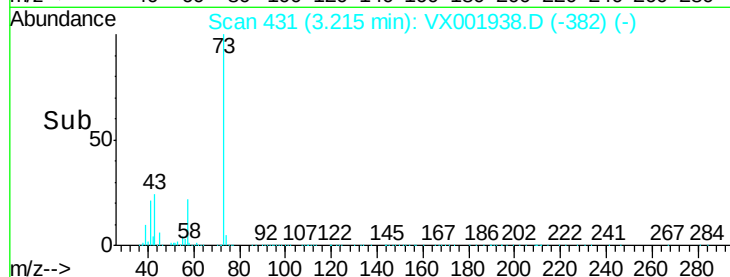
300000

200000

100000

0

Time-->



#20

Methylene Chloride

Concen: 50.00 ug/l

RT: 2.86 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX001938.D

Acq: 24 May 2018 11:46

Tgt Ion: 84 Resp: 197916

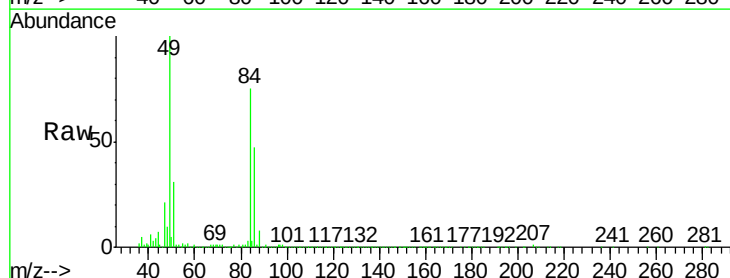
Ion Ratio Lower Upper

84 100

49 134.0 107.2 160.8

51 40.5 32.4 48.6

86 63.0 50.4 75.6



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

200000

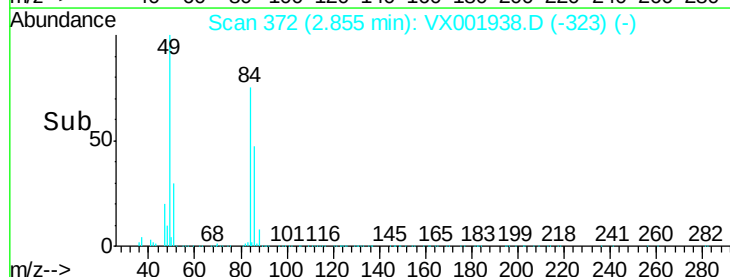
150000

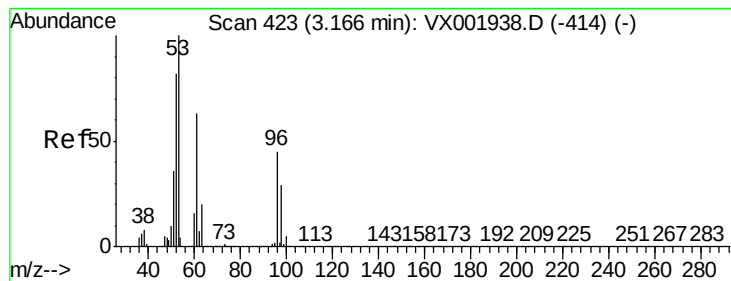
100000

50000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 50.00 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001938.D

Acq: 24 May 2018 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

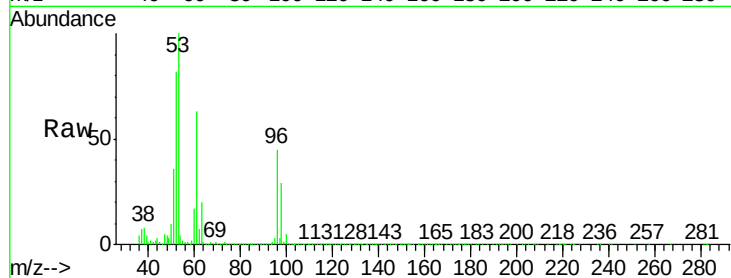
Tgt Ion: 96 Resp: 190073

Ion Ratio Lower Upper

96 100

61 141.6 113.3 169.9

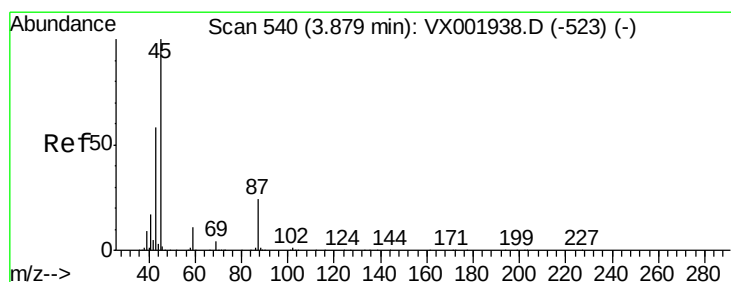
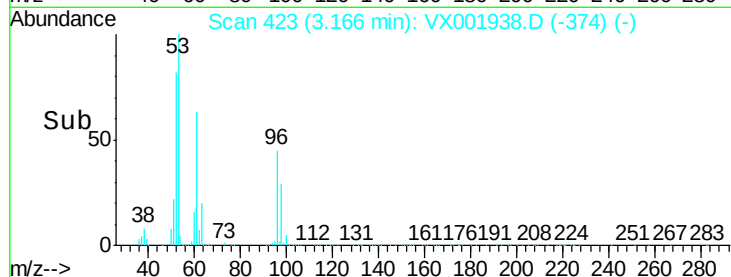
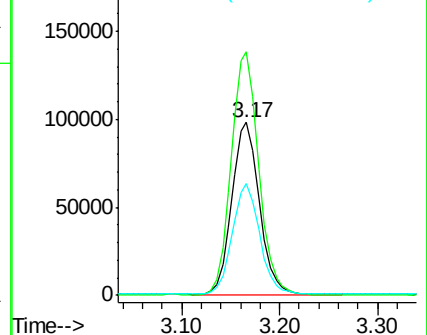
98 64.6 51.7 77.5



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: 50.00 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX001938.D

Acq: 24 May 2018 11:46

Tgt Ion: 45 Resp: 798189

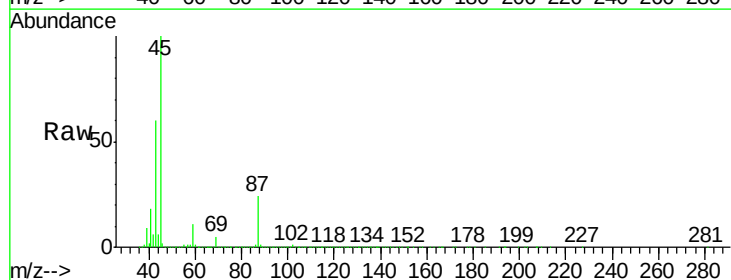
Ion Ratio Lower Upper

45 100

43 58.8 47.0 70.6

87 24.2 19.4 29.0

59 10.6 8.5 12.7

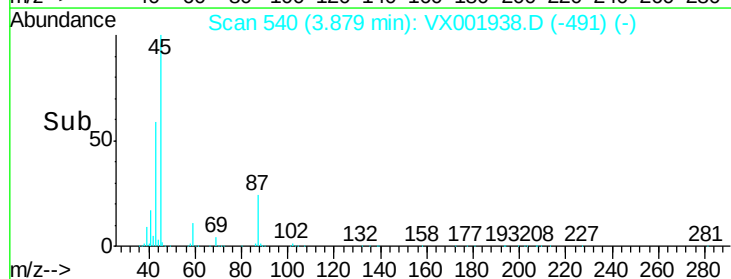
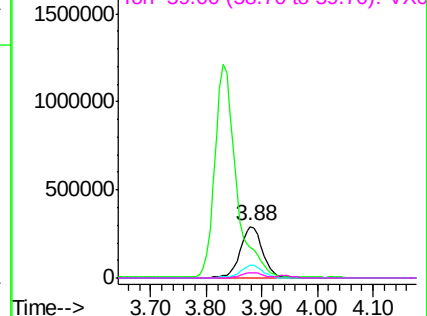


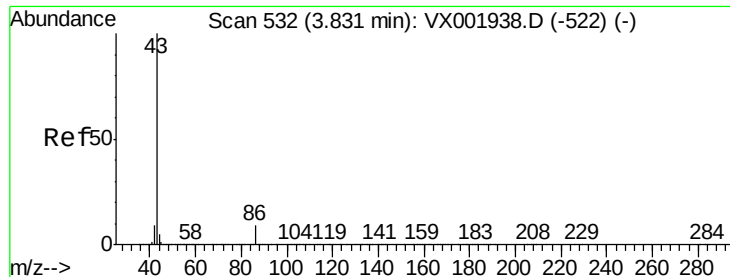
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 250.00 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001938.D

Acq: 24 May 2018 11:46

Instrument :

MSVOA_X

ClientSampleId :

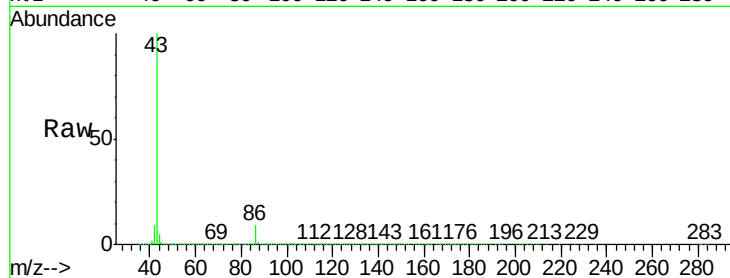
VSTDICCC050

Tgt Ion: 43 Resp: 3245097

Ion Ratio Lower Upper

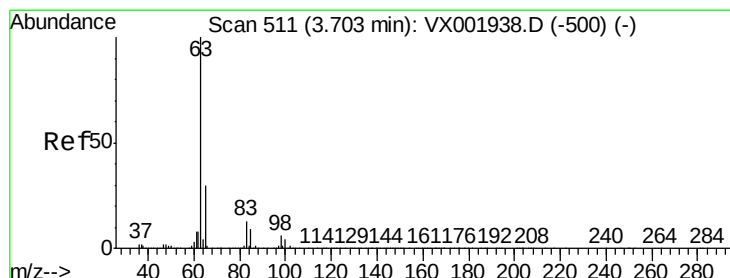
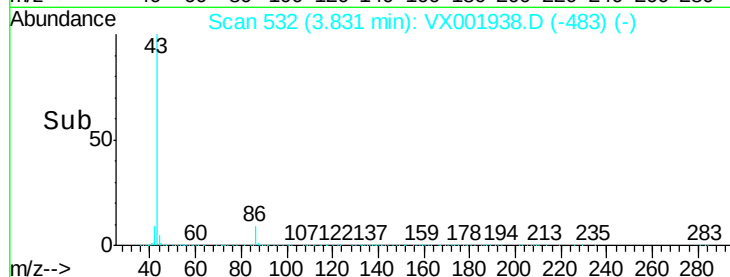
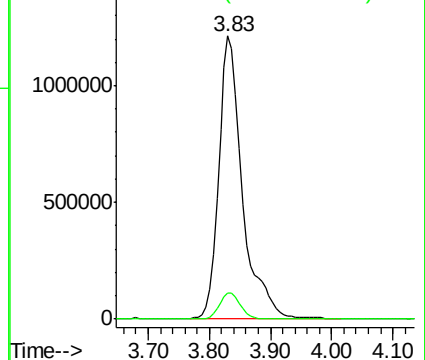
43 100

86 9.5 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 50.00 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX001938.D

Acq: 24 May 2018 11:46

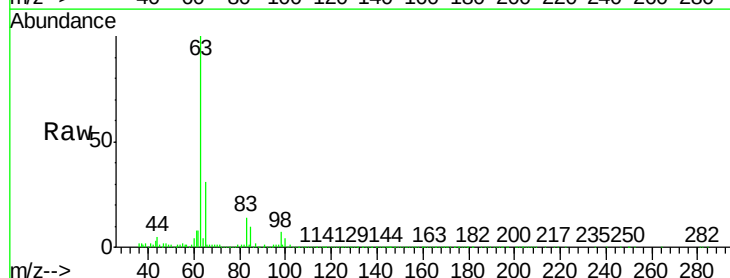
Tgt Ion: 63 Resp: 367743

Ion Ratio Lower Upper

63 100

98 6.5 3.3 9.8

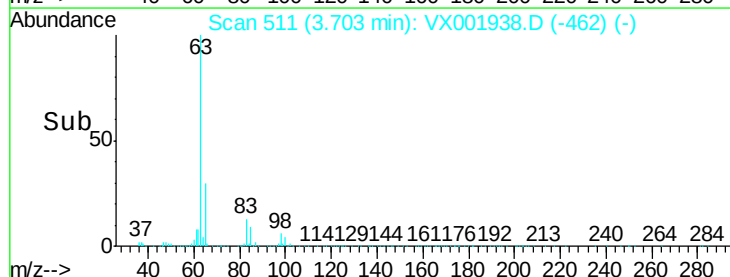
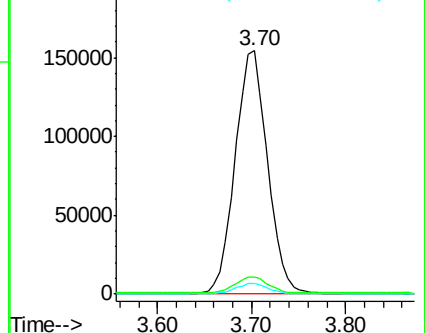
100 4.3 2.1 6.5

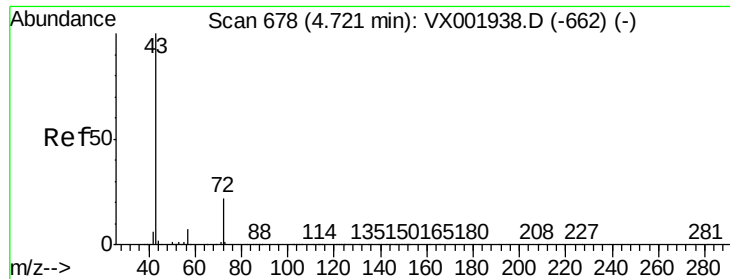


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 250.00 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.00 min

Lab File: VX001938.D

Acq: 24 May 2018 11:46

Instrument :

MSVOA_X

ClientSampleId :

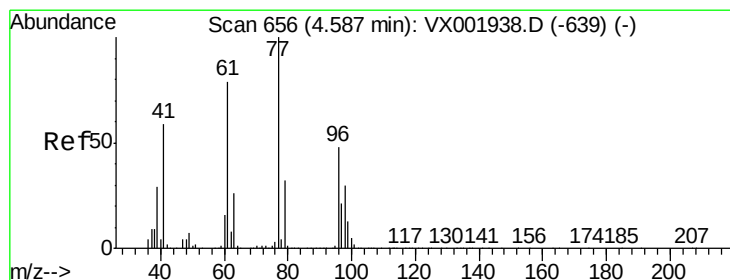
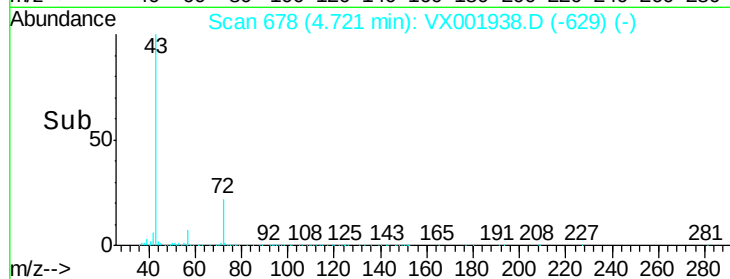
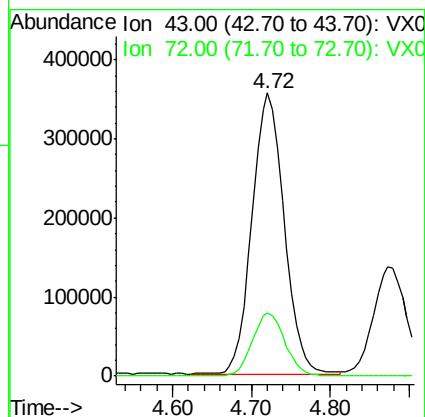
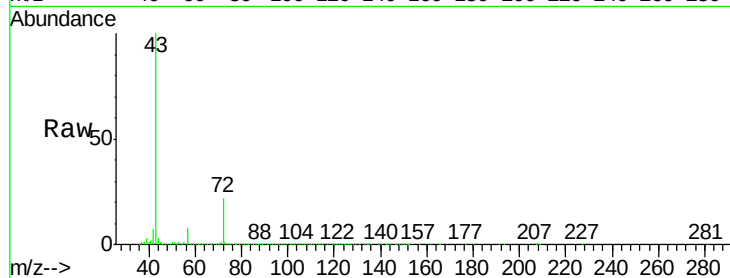
VSTDICCC050

Tgt Ion: 43 Resp: 1005986

Ion Ratio Lower Upper

43 100

72 22.4 17.9 26.9



#26

2,2-Dichloropropane

Concen: 50.00 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX001938.D

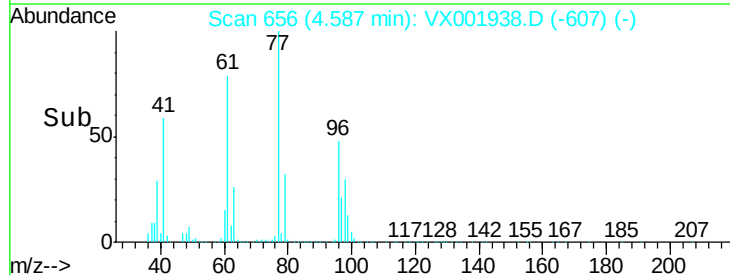
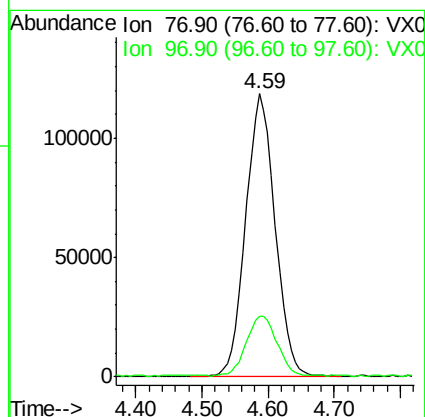
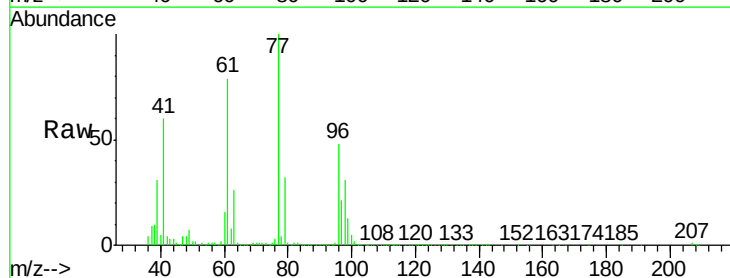
Acq: 24 May 2018 11:46

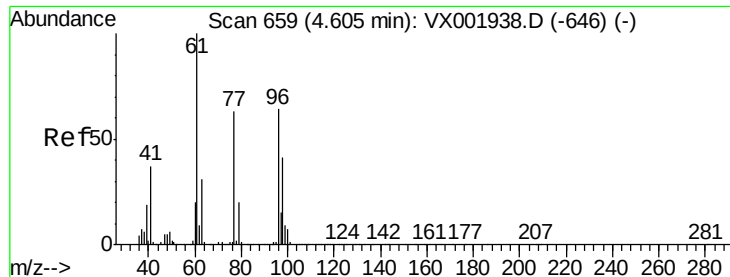
Tgt Ion: 77 Resp: 364654

Ion Ratio Lower Upper

77 100

97 22.3 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 50.00 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001938.D

Acq: 24 May 2018 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

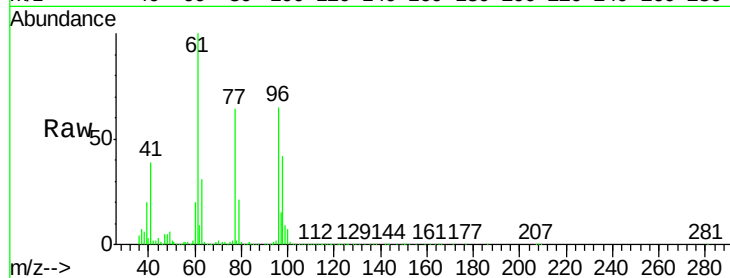
Tgt Ion: 96 Resp: 236159

Ion Ratio Lower Upper

96 100

61 174.2 0.0 348.4

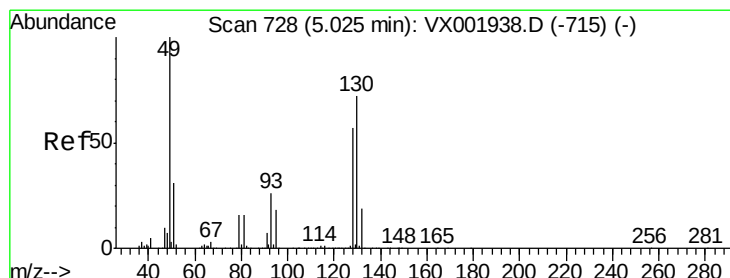
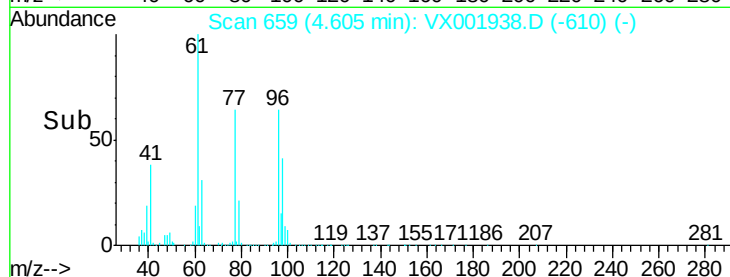
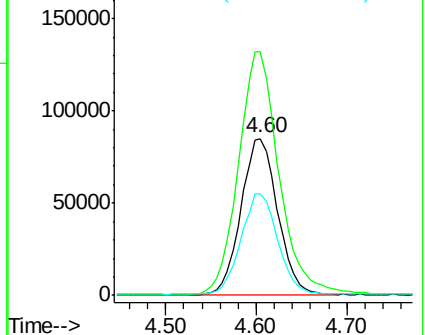
98 64.3 0.0 128.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 50.00 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX001938.D

Acq: 24 May 2018 11:46

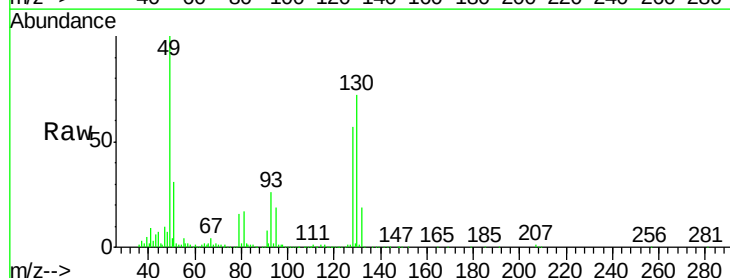
Tgt Ion: 49 Resp: 167517

Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

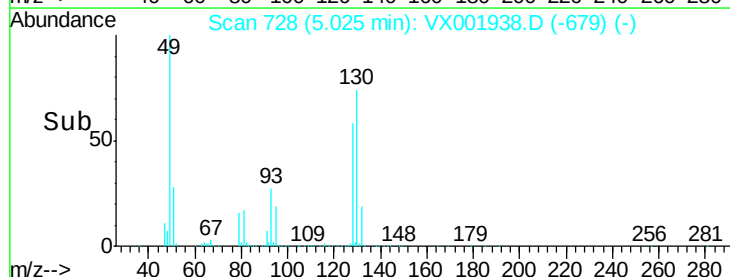
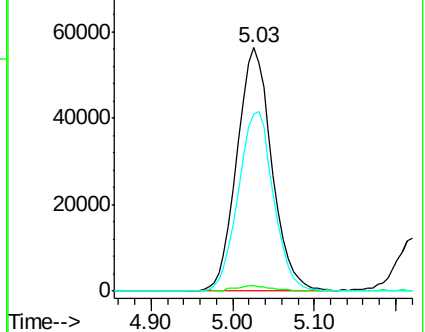
130 74.3 59.4 89.2

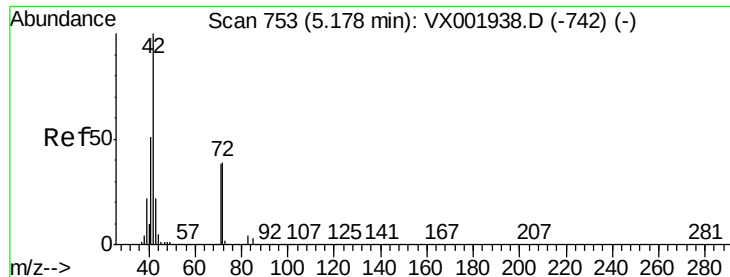


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 250.00 ug/l

RT: 5.18 min Scan# 753

Delta R.T. 0.00 min

Lab File: VX001938.D

Acq: 24 May 2018 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

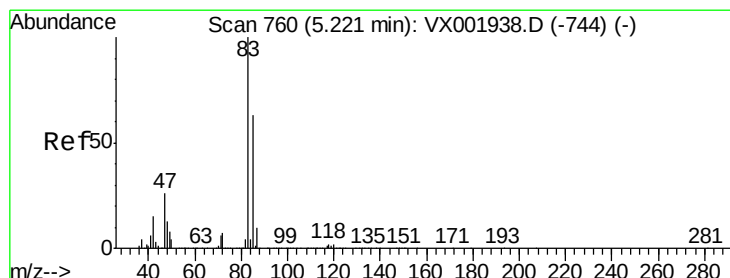
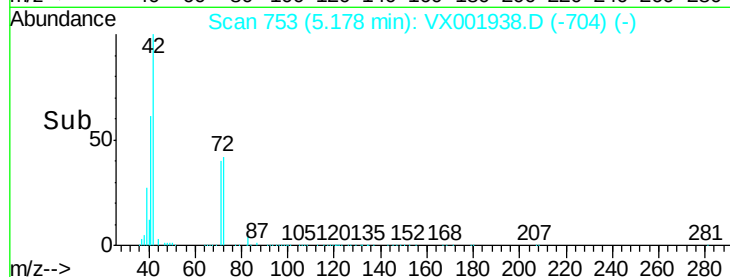
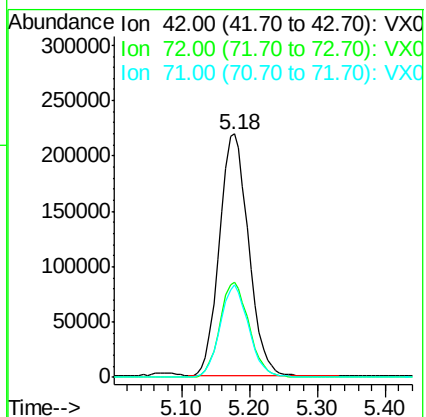
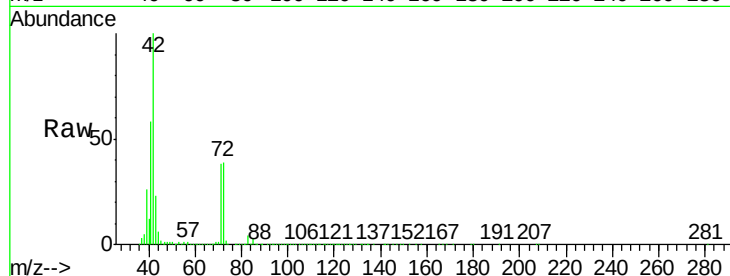
Tgt Ion: 42 Resp: 650162

Ion Ratio Lower Upper

42 100

72 39.2 31.4 47.0

71 36.9 29.5 44.3



#30

Chloroform

Concen: 50.00 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX001938.D

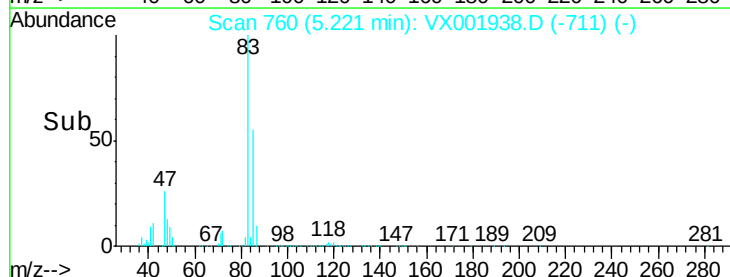
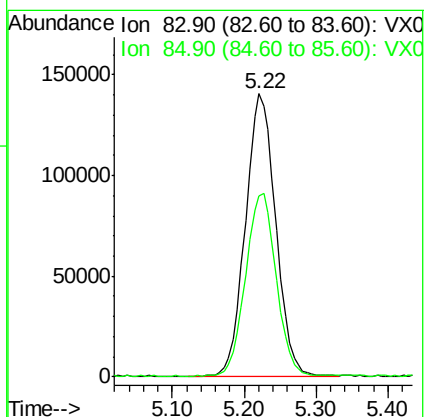
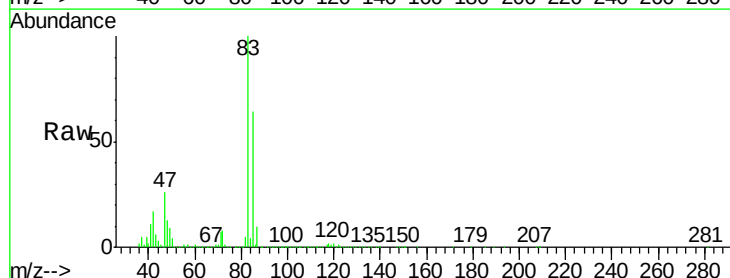
Acq: 24 May 2018 11:46

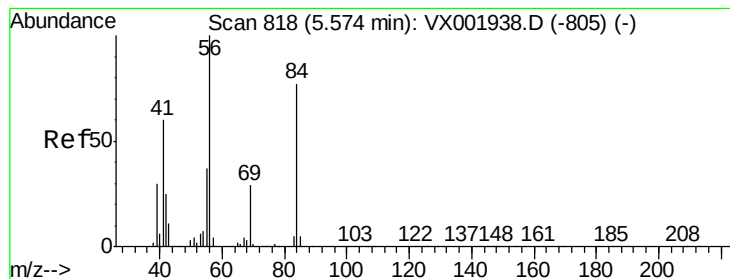
Tgt Ion: 83 Resp: 406860

Ion Ratio Lower Upper

83 100

85 63.6 50.9 76.3





#31

Cyclohexane

Concen: 50.00 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX001938.D

Acq: 24 May 2018 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

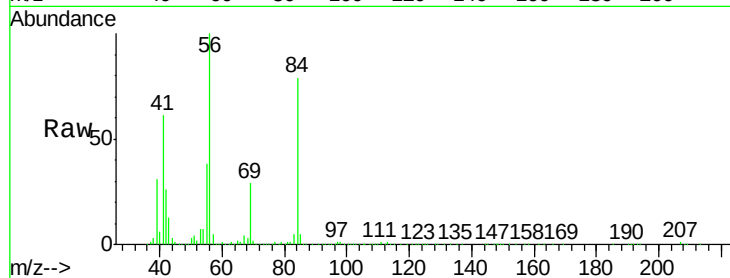
Tgt Ion: 56 Resp: 376191

Ion Ratio Lower Upper

56 100

69 28.9 23.1 34.7

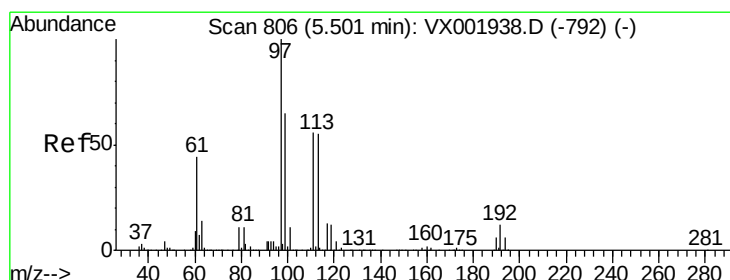
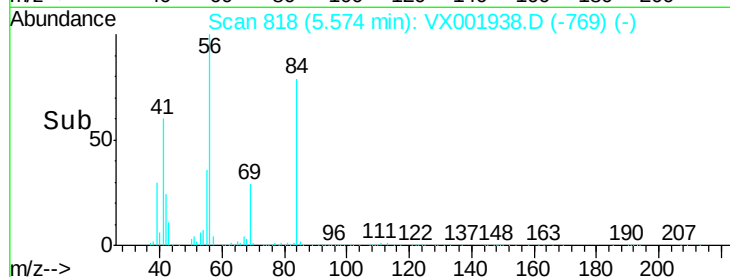
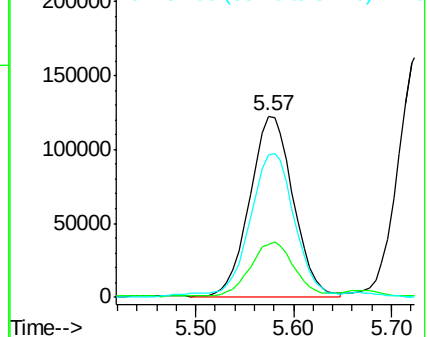
84 77.5 62.0 93.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 50.00 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX001938.D

Acq: 24 May 2018 11:46

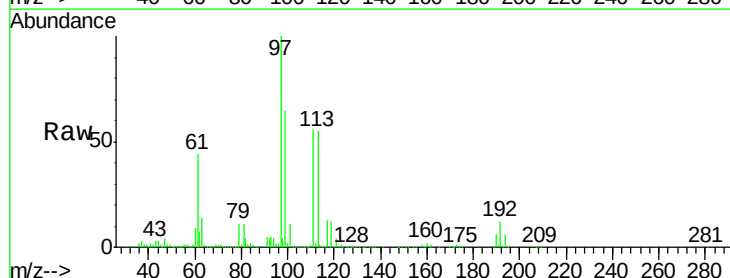
Tgt Ion: 97 Resp: 385236

Ion Ratio Lower Upper

97 100

99 64.9 51.9 77.9

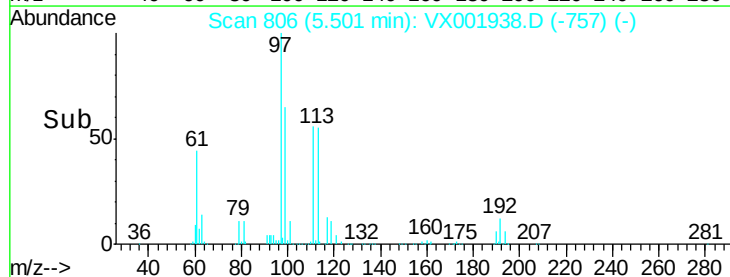
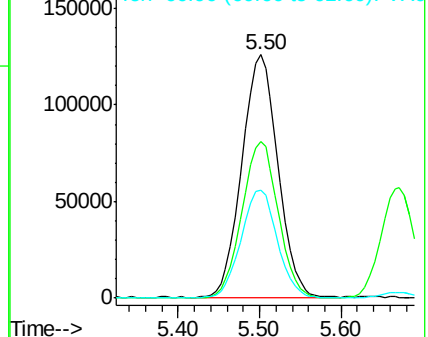
61 44.9 35.9 53.9

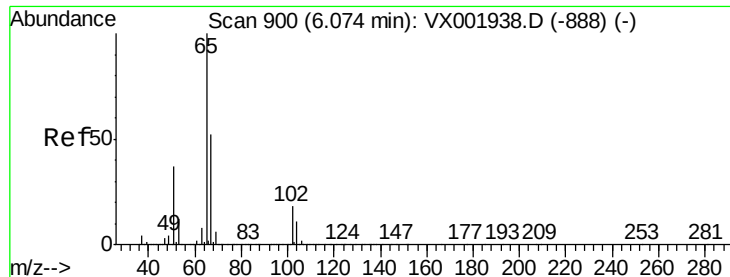


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

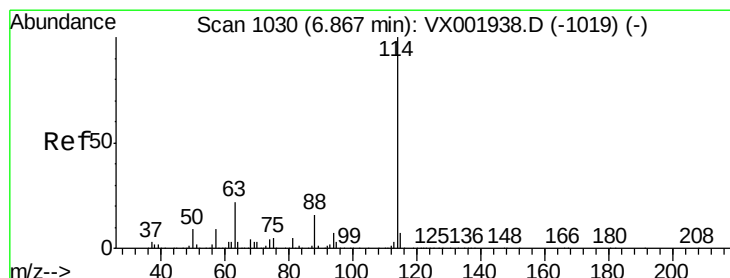
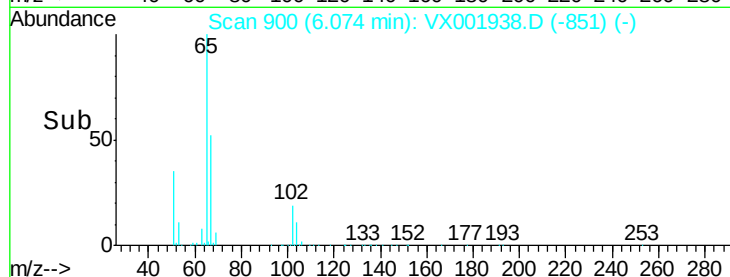
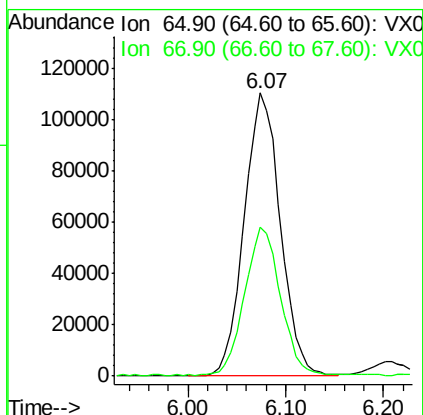
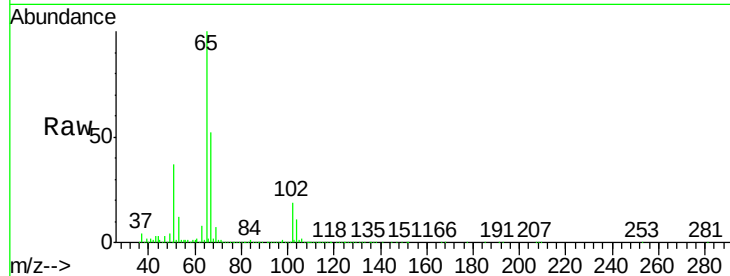




#33
 1,2-Dichloroethane-d4
 Concen: 50.00 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001938.D
 Acq: 24 May 2018 11:46

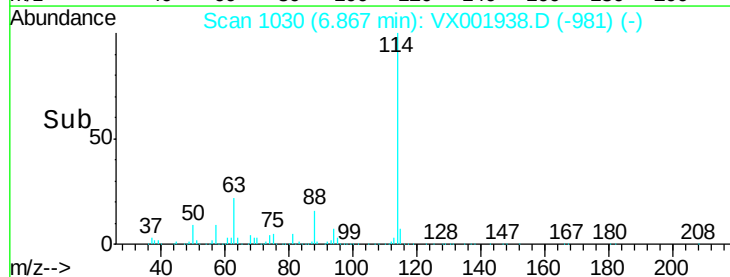
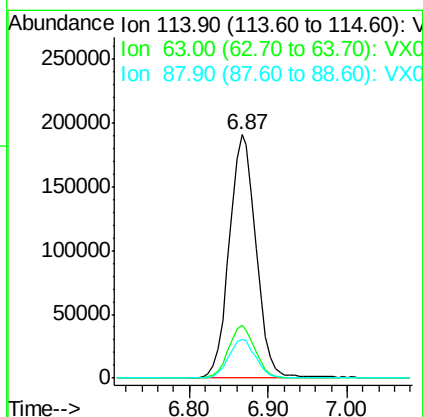
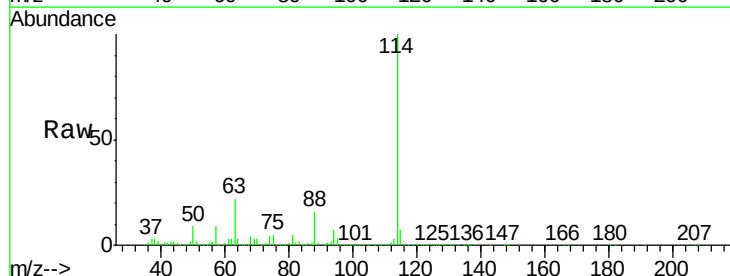
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

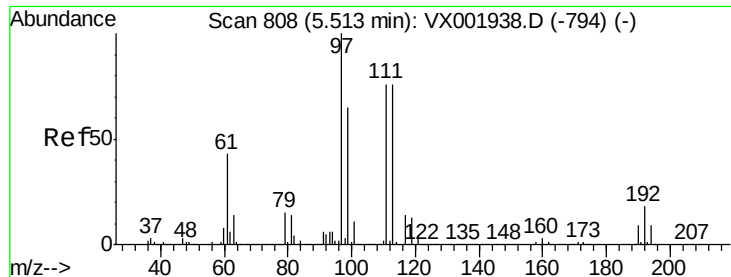
Tgt Ion: 65 Resp: 282022
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001938.D
 Acq: 24 May 2018 11:46

Tgt Ion: 114 Resp: 450219
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 43.2
 88 15.8 0.0 31.6

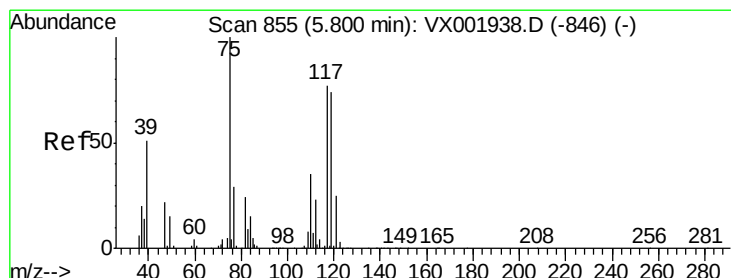
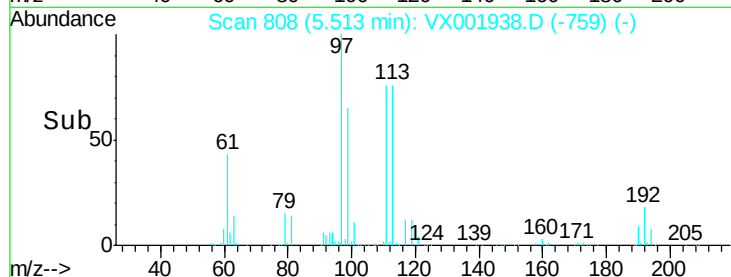
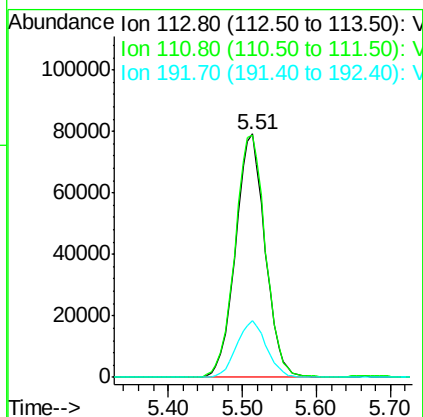
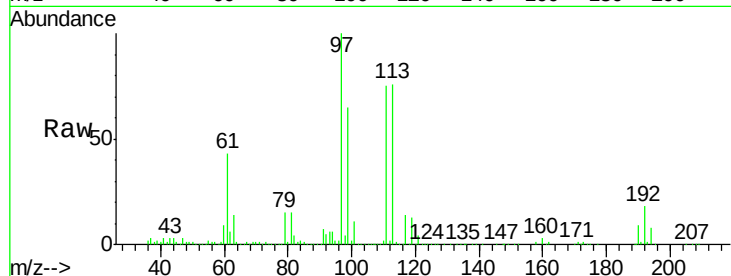




#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX001938.D
 Acq: 24 May 2018 11:46

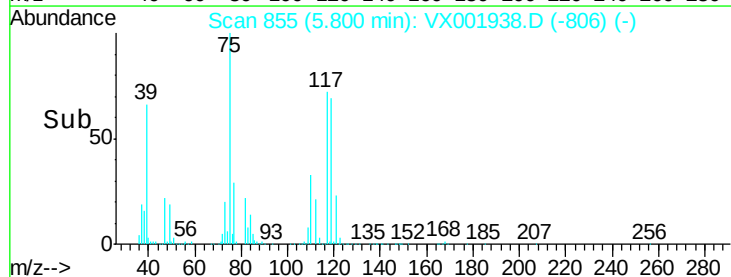
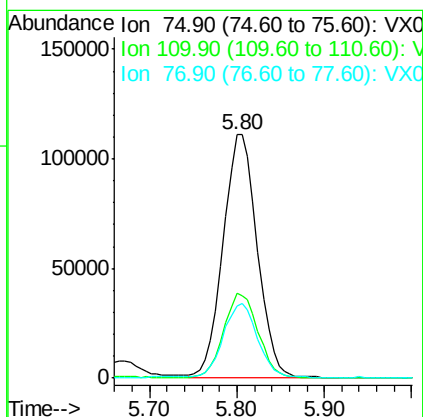
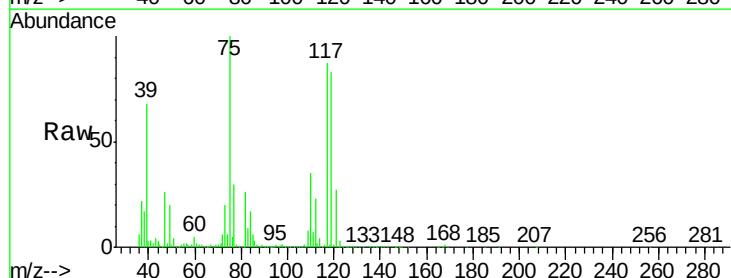
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDICCC050

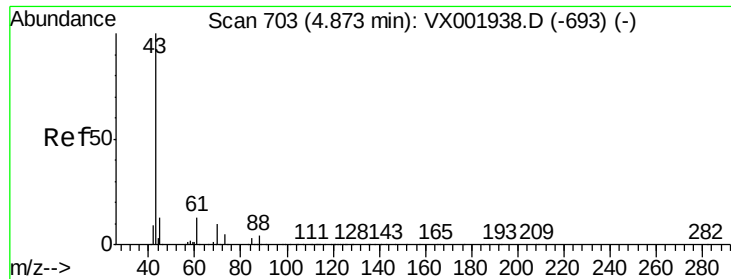
Tgt Ion:113 Resp: 219400
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.0 123.0
 192 23.6 18.9 28.3



#36
 1,1-Dichloropropene
 Concen: 50.00 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: VX001938.D
 Acq: 24 May 2018 11:46

Tgt Ion: 75 Resp: 300263
 Ion Ratio Lower Upper
 75 100
 110 34.8 17.4 52.2
 77 30.5 24.4 36.6

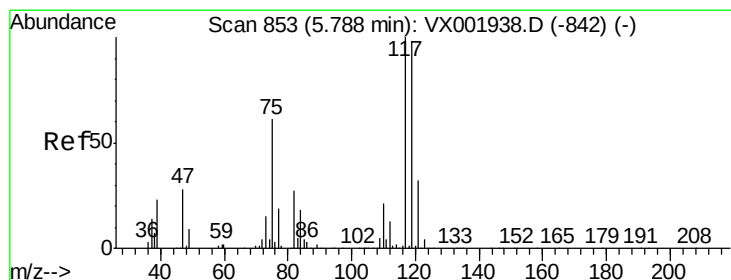
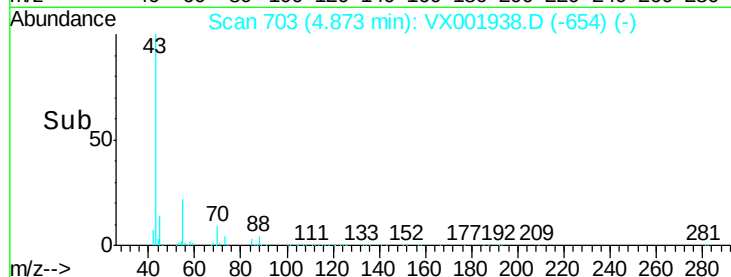
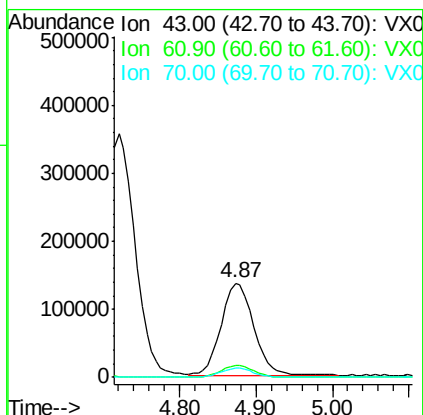
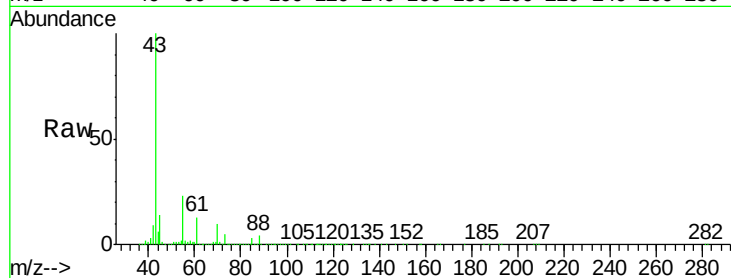




#37
Ethyl Acetate
Concen: 50.00 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.00 min
Lab File: VX001938.D
Acq: 24 May 2018 11:46

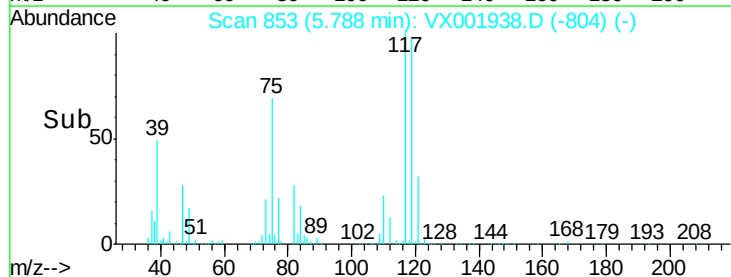
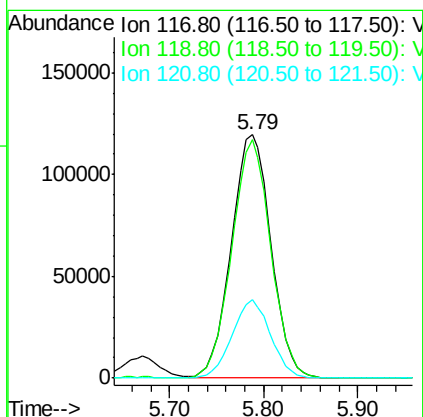
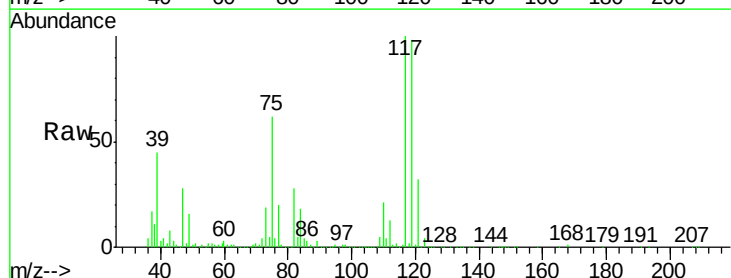
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

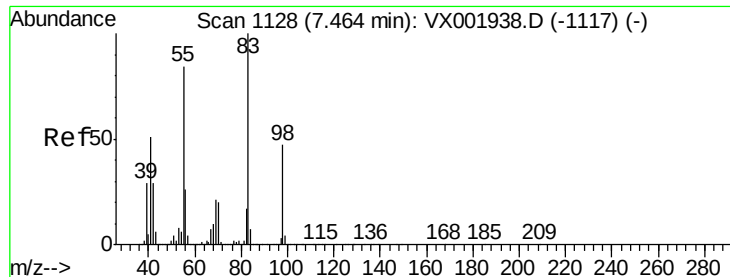
Tgt Ion: 43 Resp: 397323
Ion Ratio Lower Upper
43 100
61 12.7 10.2 15.2
70 9.8 7.8 11.8



#38
Carbon Tetrachloride
Concen: 50.00 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX001938.D
Acq: 24 May 2018 11:46

Tgt Ion: 117 Resp: 350252
Ion Ratio Lower Upper
117 100
119 98.1 78.5 117.7
121 31.9 25.5 38.3





#39

Methylcyclohexane

Concen: 50.00 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX001938.D

Acq: 24 May 2018 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

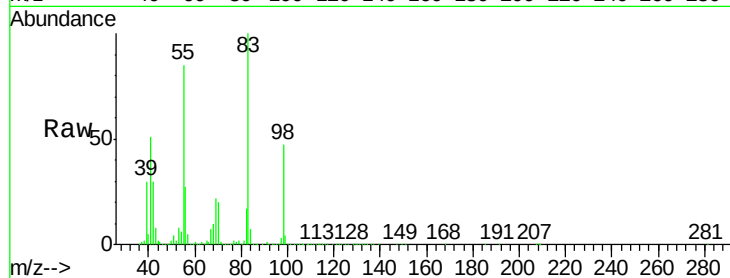
Tgt Ion: 83 Resp: 366055

Ion Ratio Lower Upper

83 100

55 84.1 67.3 100.9

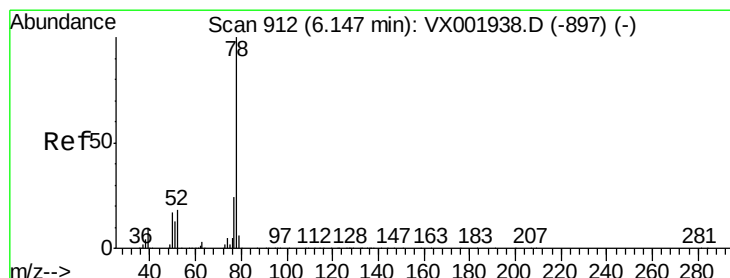
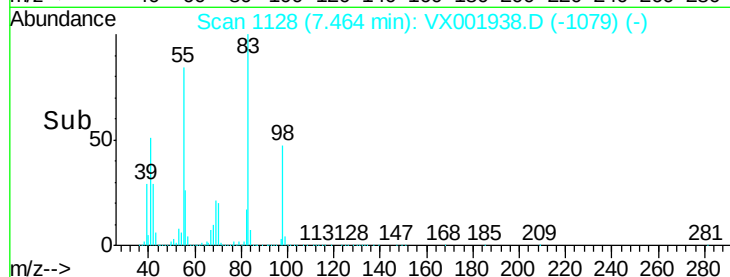
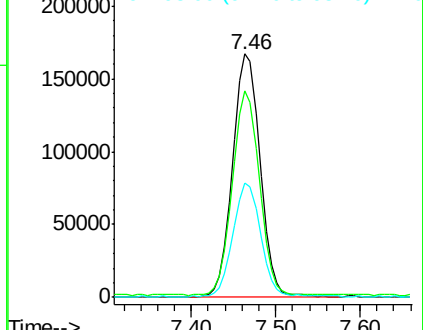
98 46.9 37.5 56.3



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40

Benzene

Concen: 50.00 ug/l

RT: 6.15 min Scan# 912

Delta R.T. 0.00 min

Lab File: VX001938.D

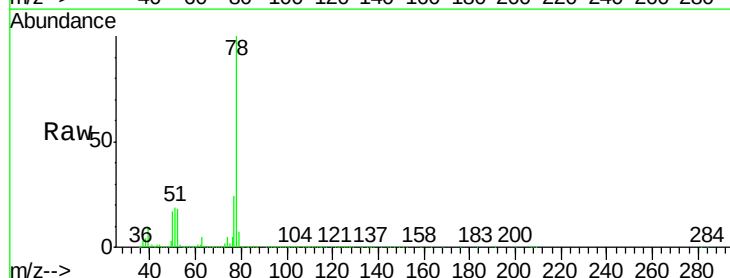
Acq: 24 May 2018 11:46

Tgt Ion: 78 Resp: 892636

Ion Ratio Lower Upper

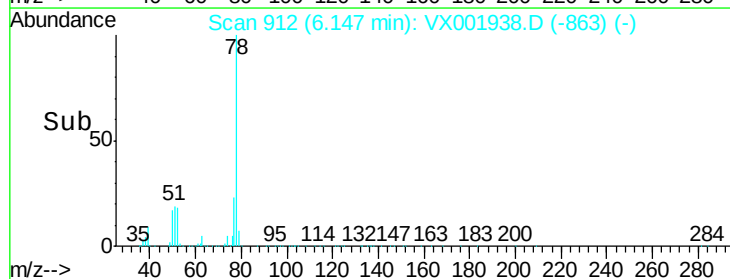
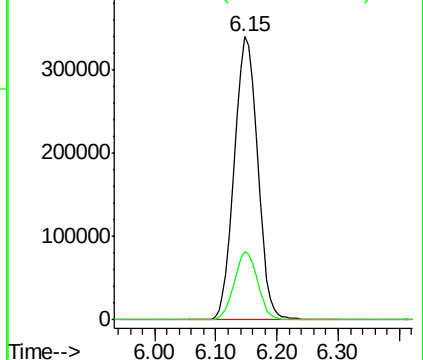
78 100

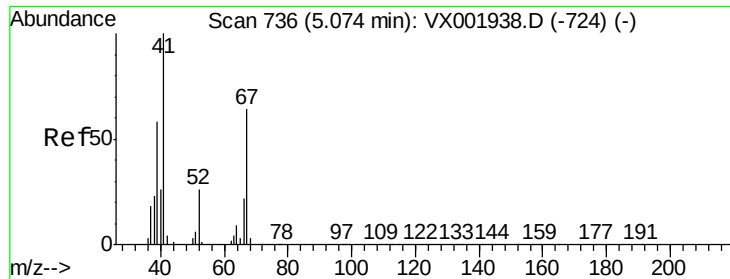
77 23.9 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

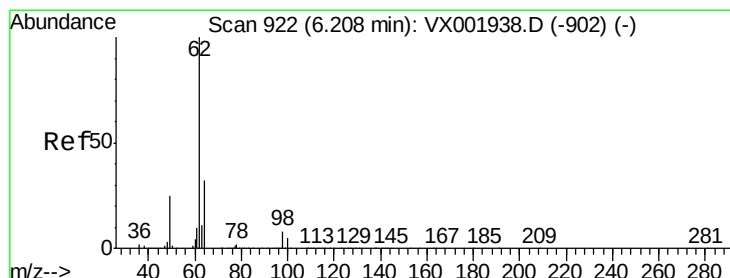
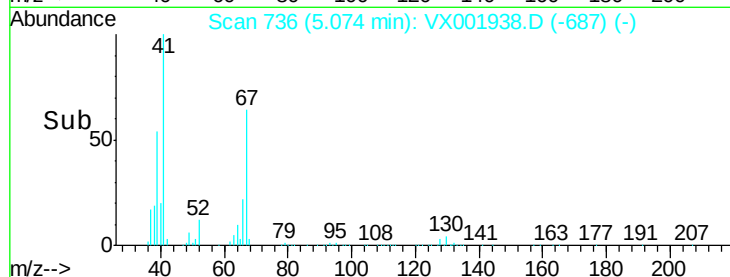
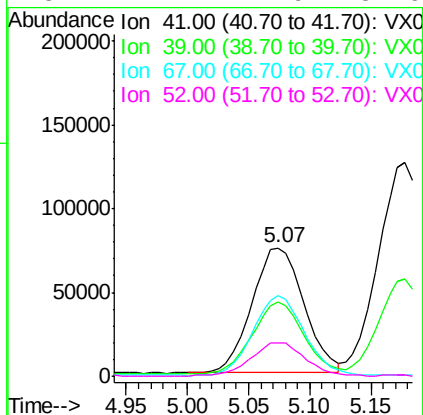
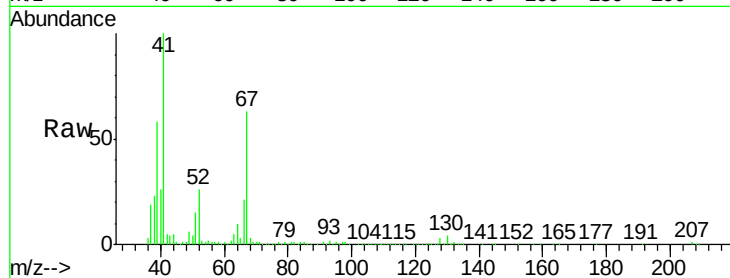




#41
Methacrylonitrile
Concen: 50.00 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.00 min
Lab File: VX001938.D
Acq: 24 May 2018 11:46

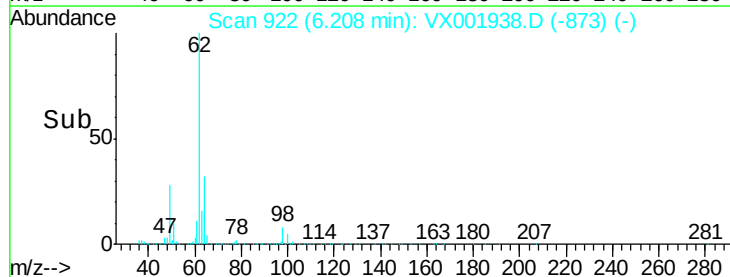
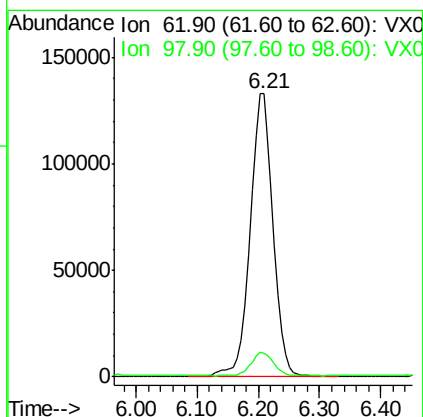
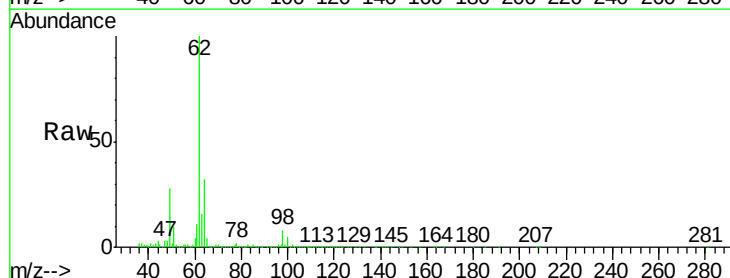
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

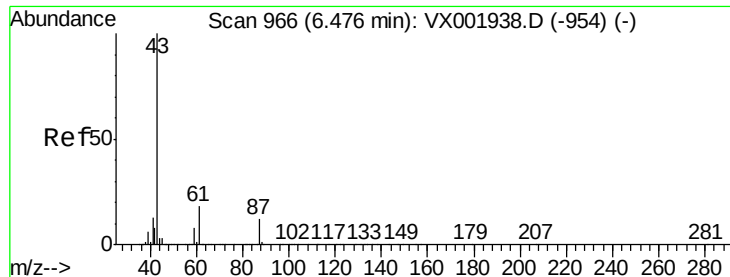
Tgt Ion:	41	Resp:	220873
Ion	Ratio	Lower	Upper
41	100		
39	57.5	46.0	69.0
67	63.2	50.6	75.8
52	27.4	21.9	32.9



#42
1,2-Dichloroethane
Concen: 50.00 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX001938.D
Acq: 24 May 2018 11:46

Tgt Ion:	62	Resp:	348451
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.0





#43

Isopropyl Acetate

Concen: 50.00 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001938.D

Acq: 24 May 2018 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

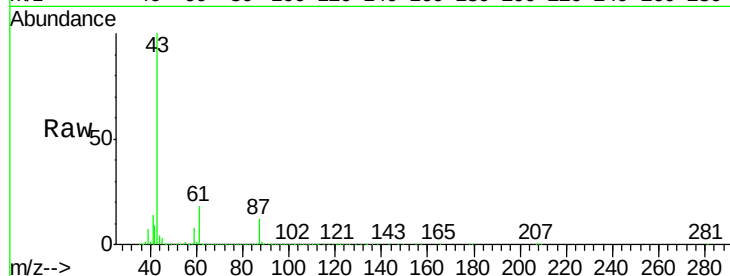
Tgt Ion: 43 Resp: 665474

Ion Ratio Lower Upper

43 100

61 18.1 14.5 21.7

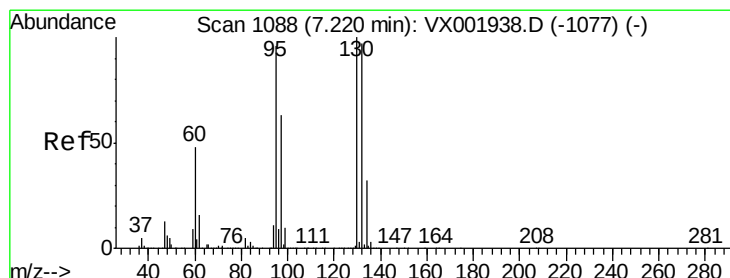
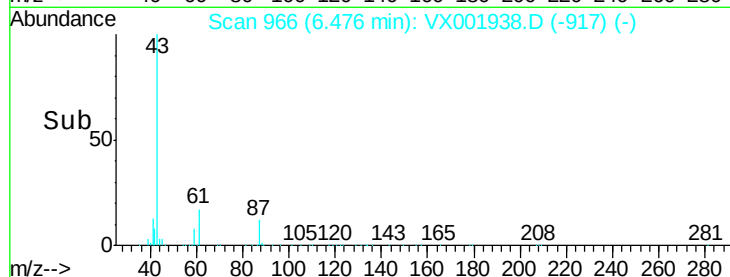
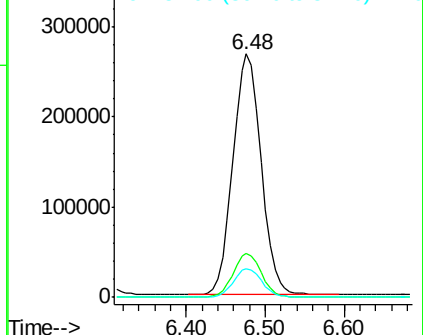
87 11.9 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 50.00 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001938.D

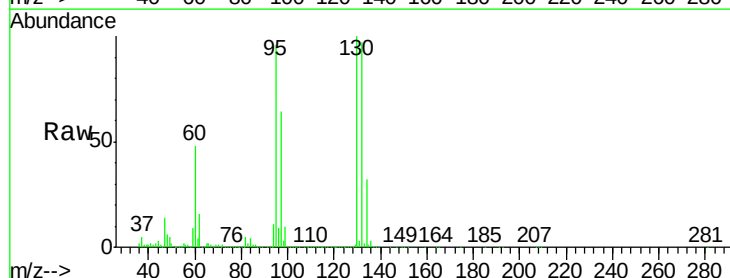
Acq: 24 May 2018 11:46

Tgt Ion: 130 Resp: 257747

Ion Ratio Lower Upper

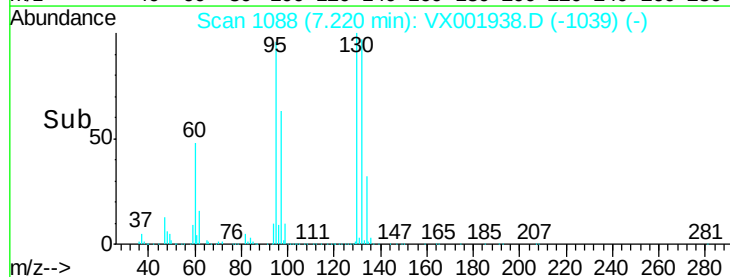
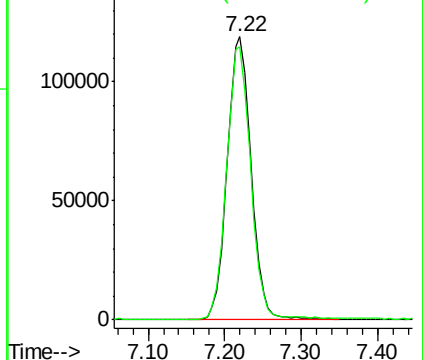
130 100

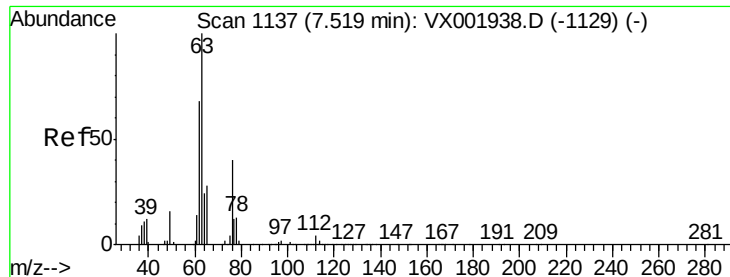
95 96.0 0.0 192.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

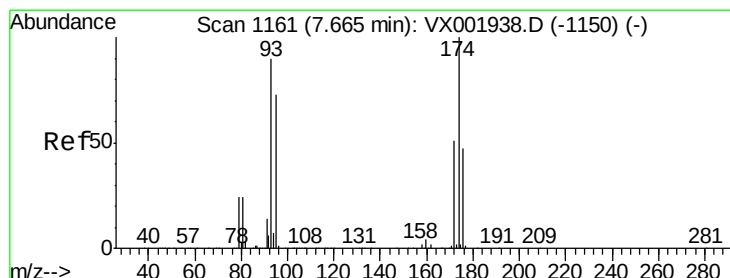
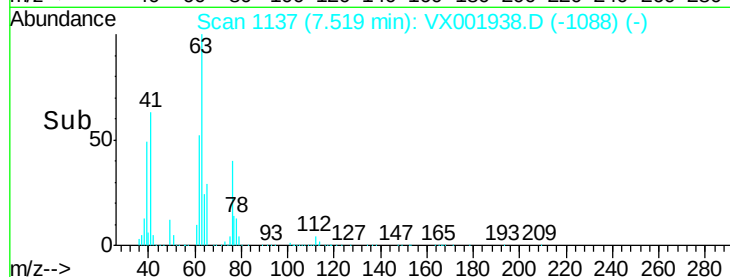
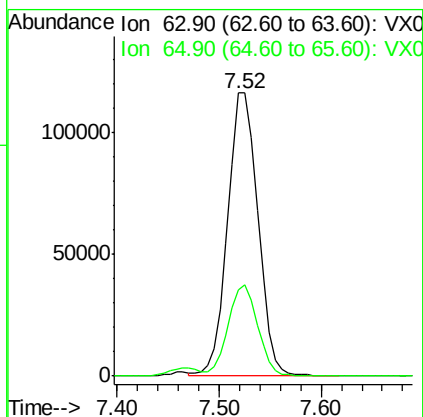
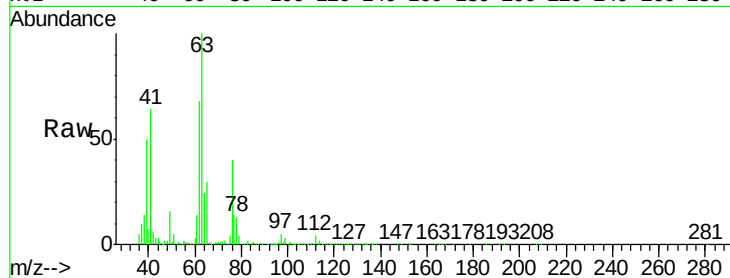




#45
 1,2-Dichloropropane
 Concen: 50.00 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX001938.D
 Acq: 24 May 2018 11:46

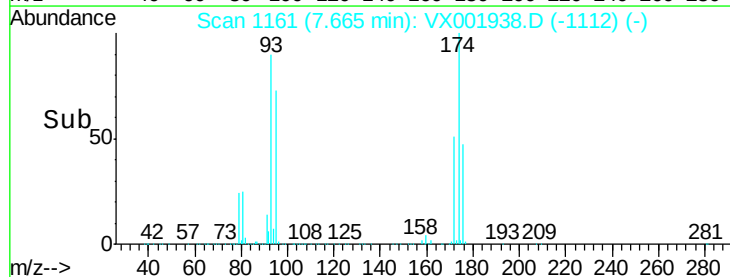
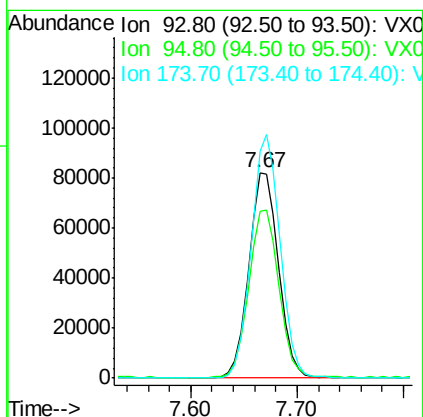
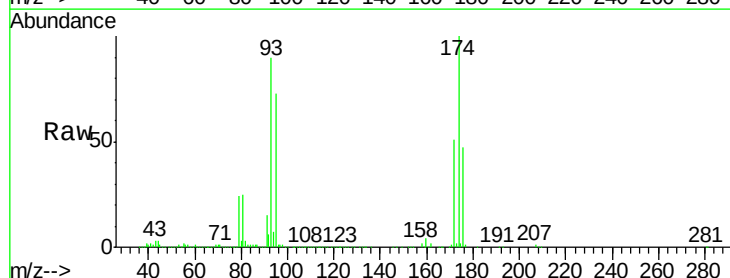
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

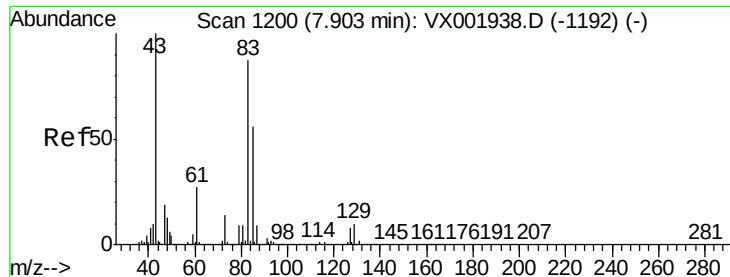
Tgt Ion: 63 Resp: 237924
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.1 36.1



#46
 Dibromomethane
 Concen: 50.00 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX001938.D
 Acq: 24 May 2018 11:46

Tgt Ion: 93 Resp: 160572
 Ion Ratio Lower Upper
 93 100
 95 82.6 66.1 99.1
 174 115.6 92.5 138.7





#47

Bromodichloromethane

Concen: 50.00 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX001938.D

Acq: 24 May 2018 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

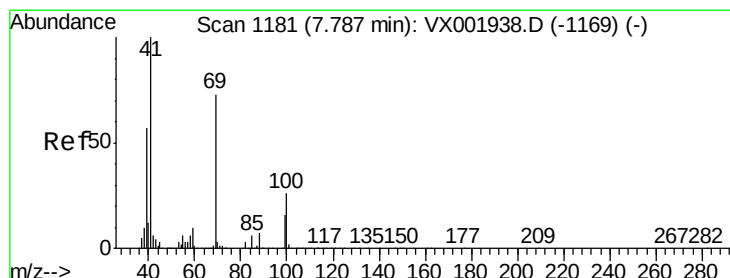
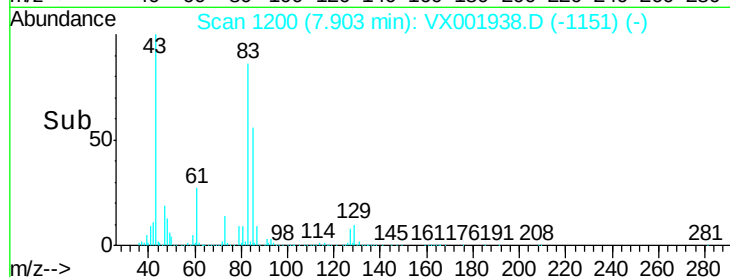
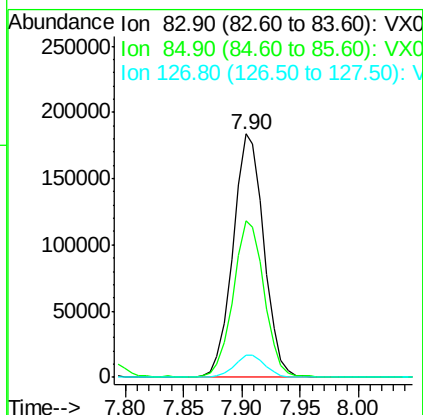
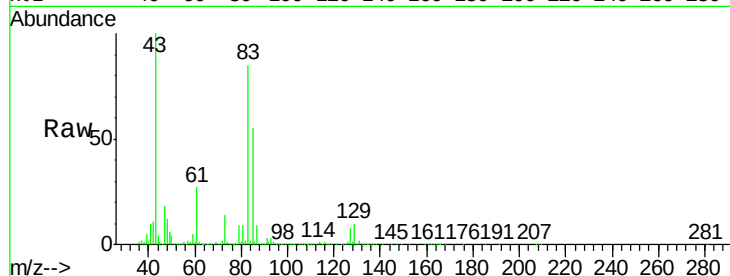
Tgt Ion: 83 Resp: 337495

Ion Ratio Lower Upper

83 100

85 64.3 51.4 77.2

127 8.9 7.1 10.7



#48

Methyl methacrylate

Concen: 50.00 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX001938.D

Acq: 24 May 2018 11:46

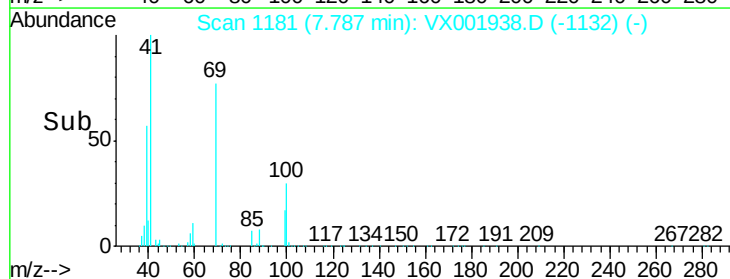
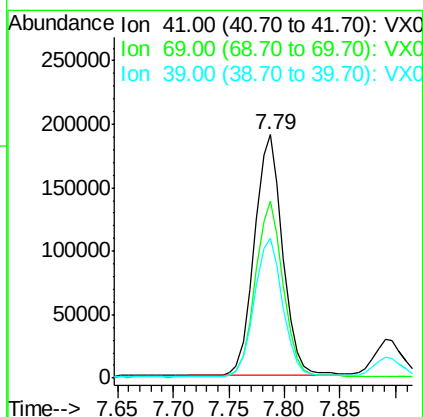
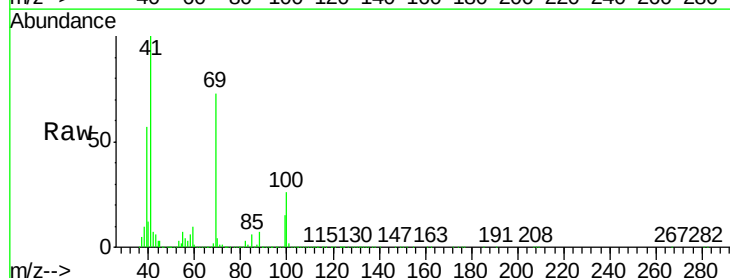
Tgt Ion: 41 Resp: 336265

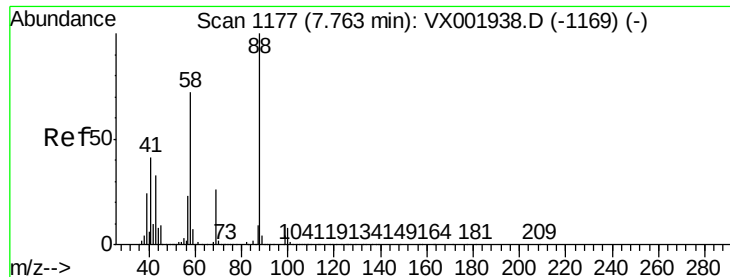
Ion Ratio Lower Upper

41 100

69 73.2 58.6 87.8

39 57.9 46.3 69.5

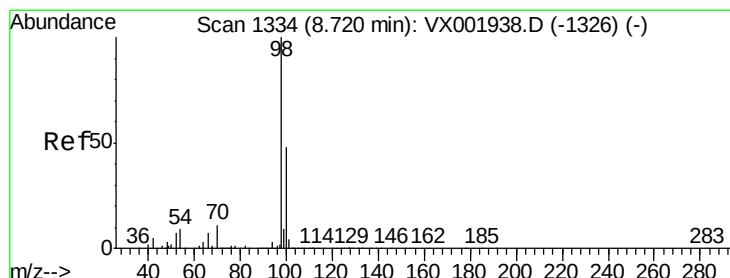
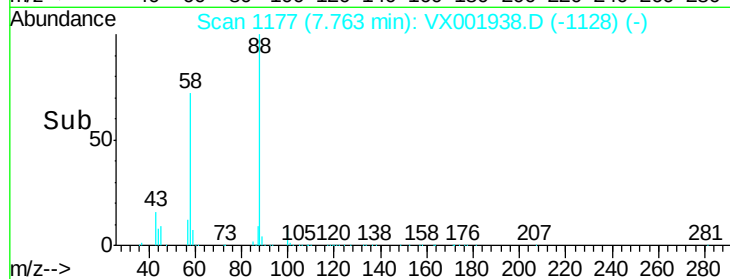
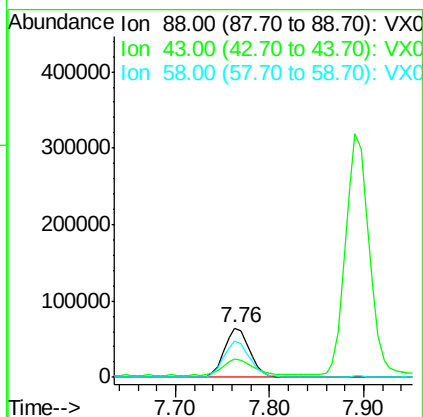
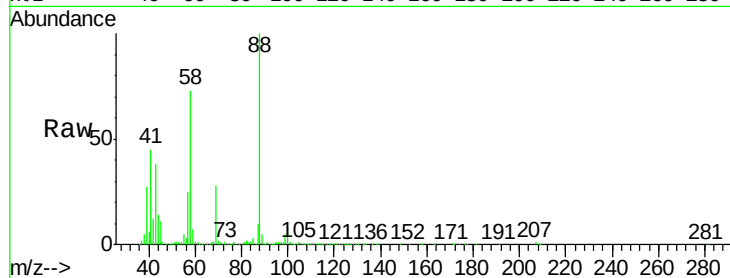




#49
 1,4-Dioxane
 Concen: 1000.00 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: VX001938.D
 Acq: 24 May 2018 11:46

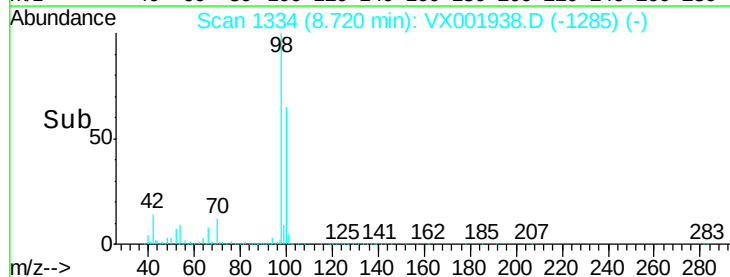
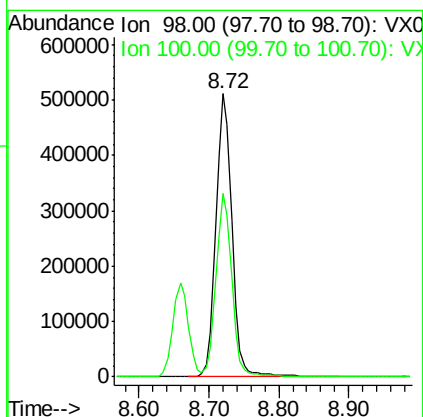
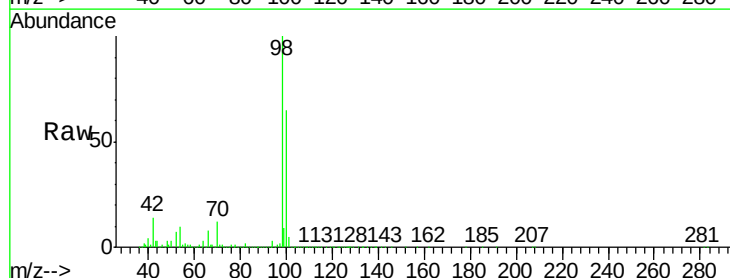
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

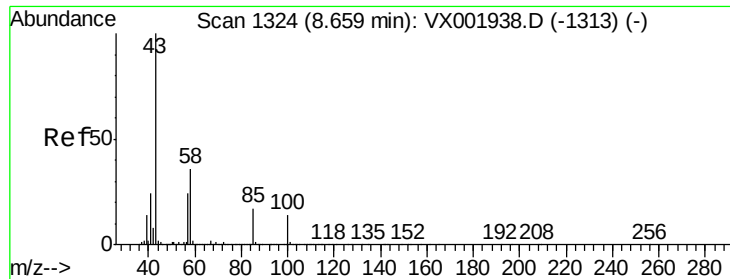
Tgt Ion	Ratio	Lower	Upper
88	100		
43	37.3	29.8	44.8
58	73.4	58.7	88.1



#50
 Toluene-d8
 Concen: 50.00 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX001938.D
 Acq: 24 May 2018 11:46

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.5	77.3

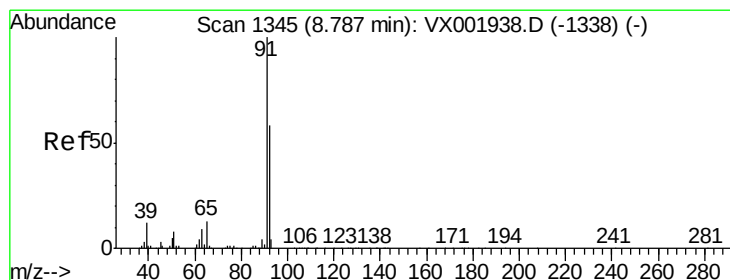
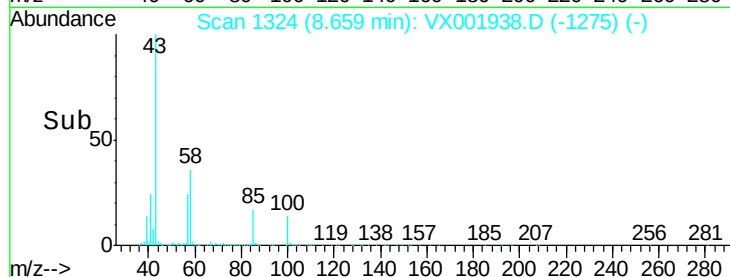
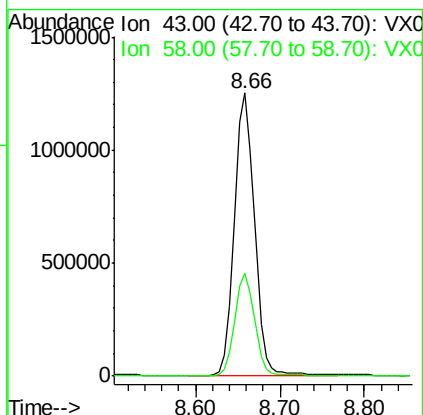
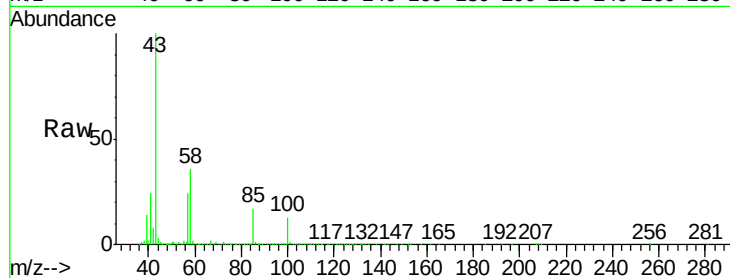




#51
 4-Methyl-2-Pentanone
 Concen: 250.00 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX001938.D
 Acq: 24 May 2018 11:46

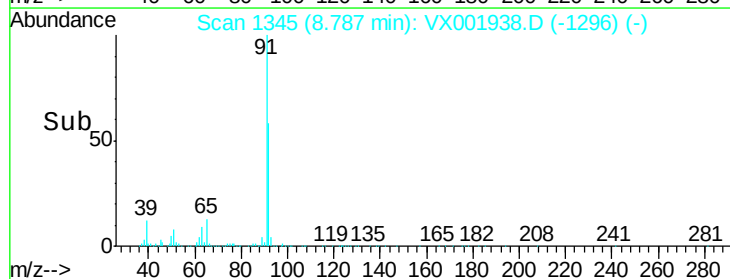
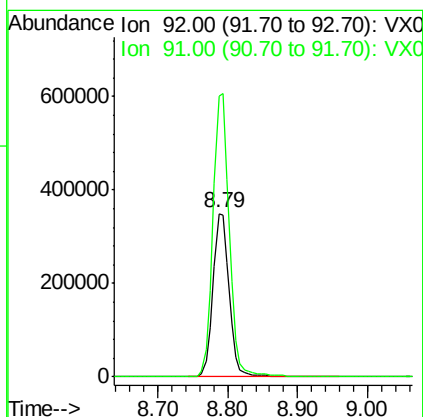
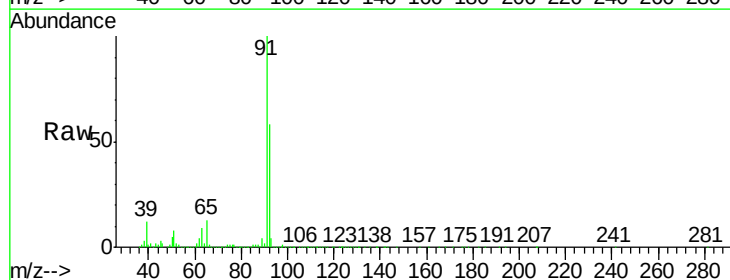
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDICCC050

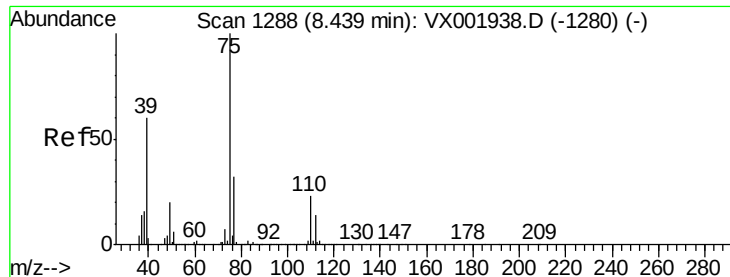
Tgt Ion: 43 Resp: 2012306
 Ion Ratio Lower Upper
 43 100
 58 35.6 28.5 42.7



#52
 Toluene
 Concen: 50.00 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. 0.00 min
 Lab File: VX001938.D
 Acq: 24 May 2018 11:46

Tgt Ion: 92 Resp: 564016
 Ion Ratio Lower Upper
 92 100
 91 174.3 139.4 209.2





#53

t-1,3-Dichloropropene

Concen: 50.00 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX001938.D

Acq: 24 May 2018 11:46

Instrument :

MSVOA_X

ClientSampleId :

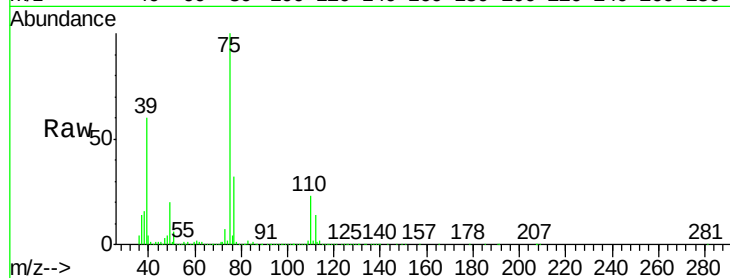
VSTDICCC050

Tgt Ion: 75 Resp: 398682

Ion Ratio Lower Upper

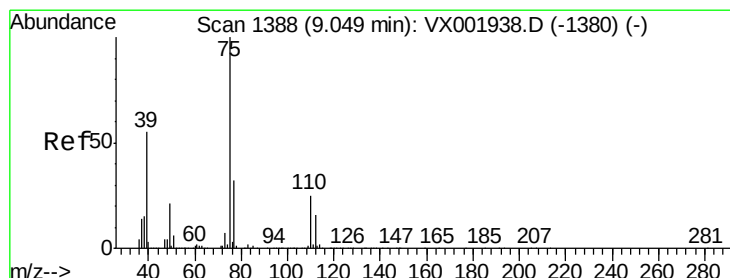
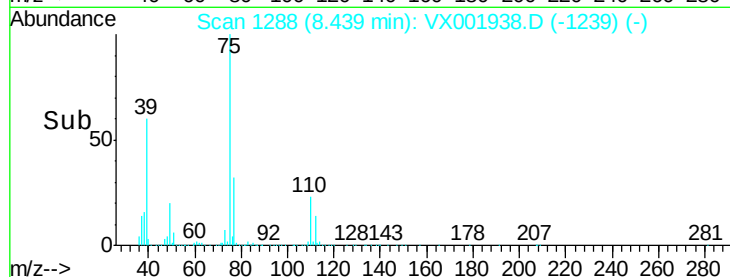
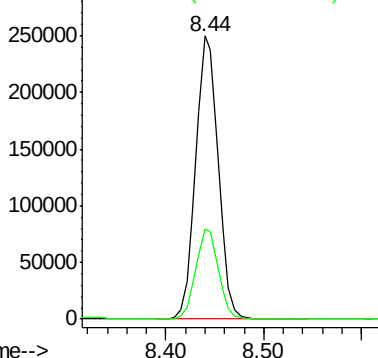
75 100

77 31.9 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 50.00 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX001938.D

Acq: 24 May 2018 11:46

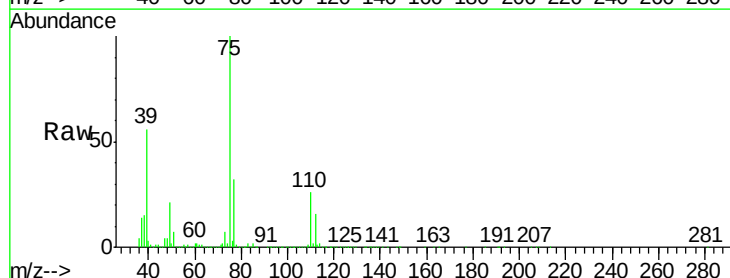
Tgt Ion: 75 Resp: 385515

Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.0

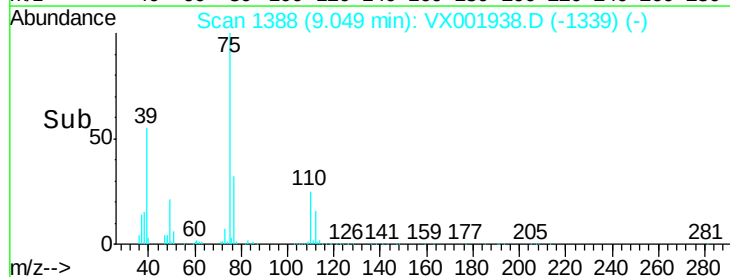
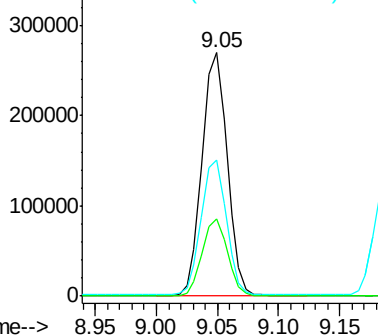
39 55.1 44.1 66.1

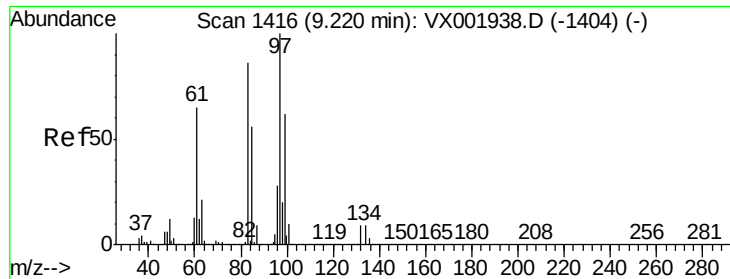


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

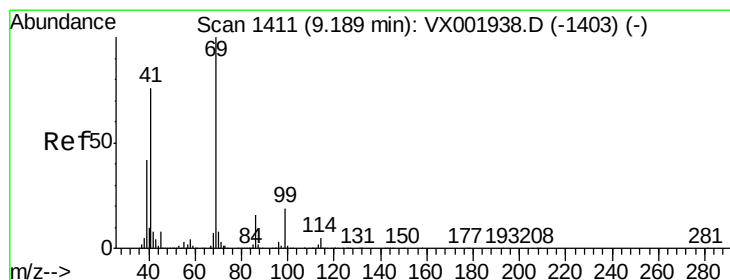
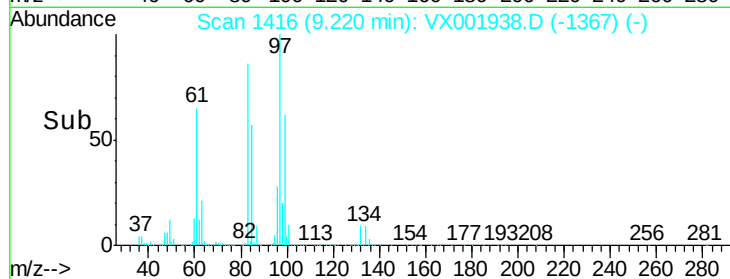
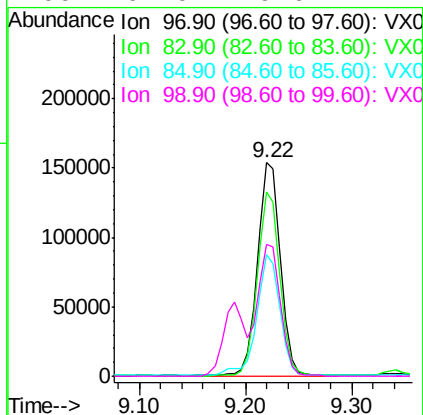
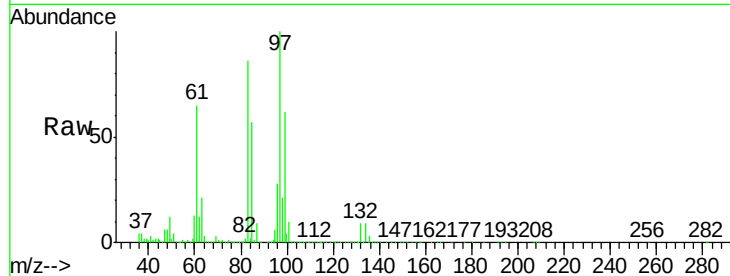




#55
 1,1,2-Trichloroethane
 Concen: 50.00 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001938.D
 Acq: 24 May 2018 11:46

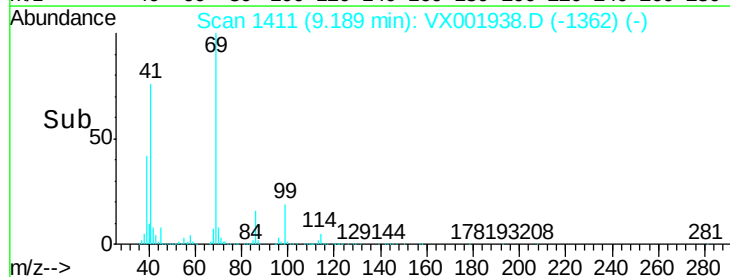
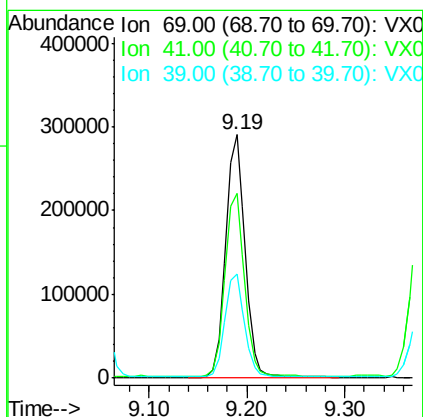
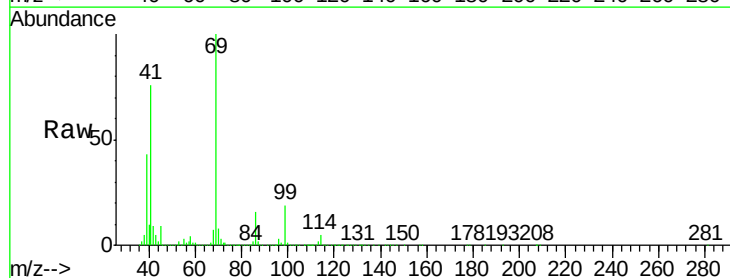
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

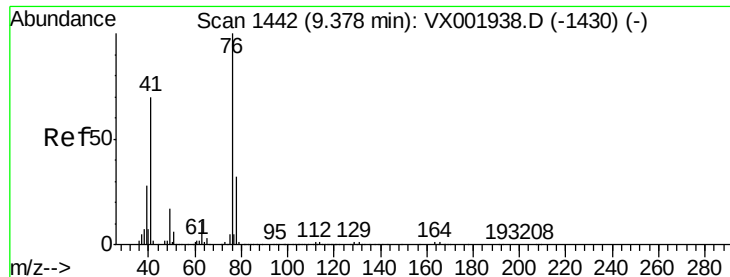
Tgt Ion:	97	Resp:	230996
Ion	Ratio	Lower	Upper
97	100		
83	86.4	69.1	103.7
85	56.5	45.2	67.8
99	62.0	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 50.00 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001938.D
 Acq: 24 May 2018 11:46

Tgt Ion:	69	Resp:	397827
Ion	Ratio	Lower	Upper
69	100		
41	76.3	61.0	91.6
39	43.0	34.4	51.6

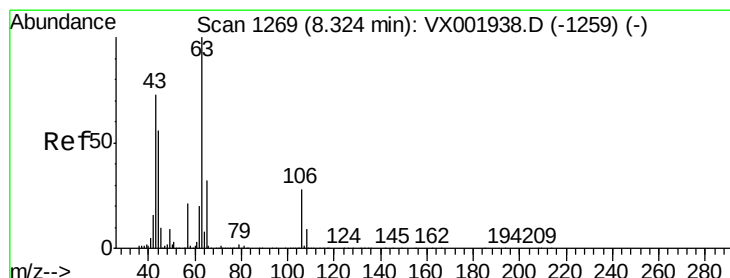
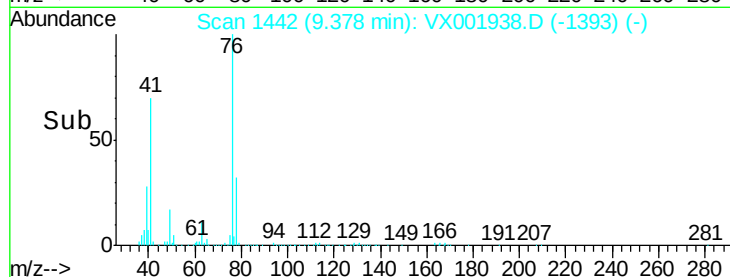
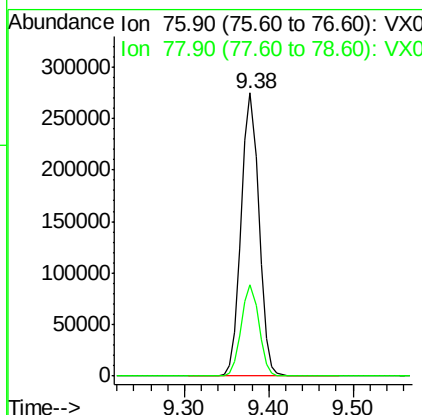
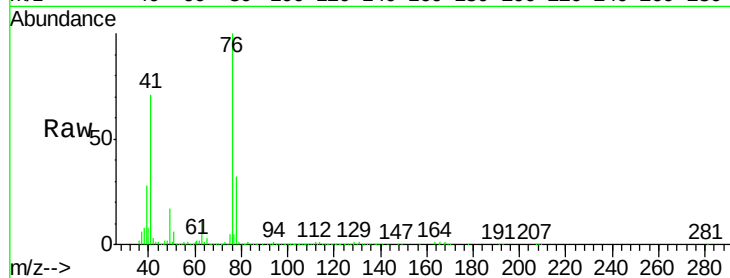




#57
 1,3-Dichloropropane
 Concen: 50.00 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX001938.D
 Acq: 24 May 2018 11:46

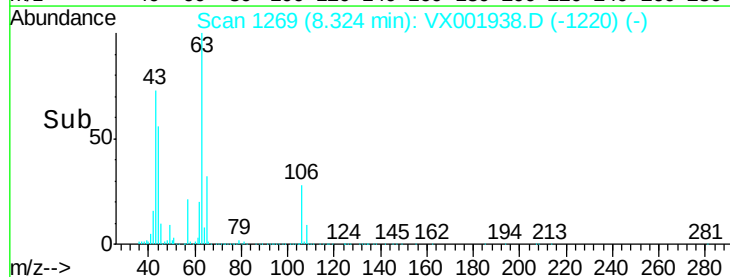
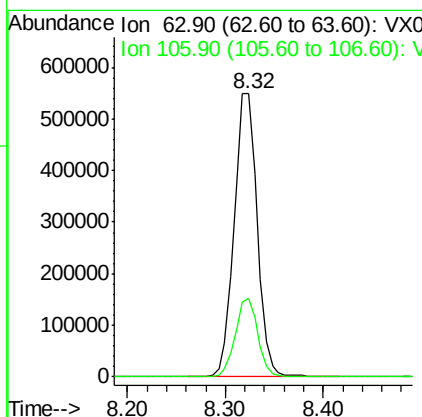
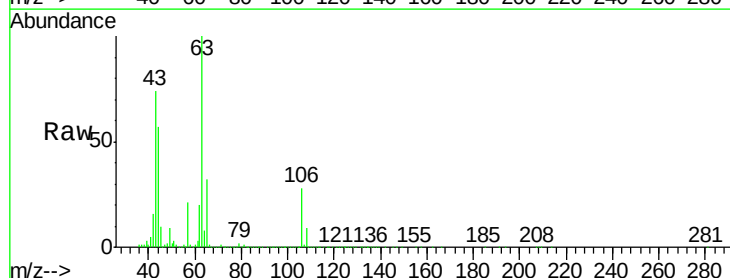
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

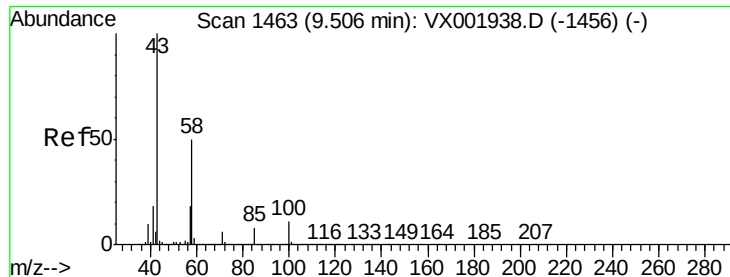
Tgt Ion: 76 Resp: 387387
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 250.00 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VX001938.D
 Acq: 24 May 2018 11:46

Tgt Ion: 63 Resp: 897011
 Ion Ratio Lower Upper
 63 100
 106 27.1 21.7 32.5

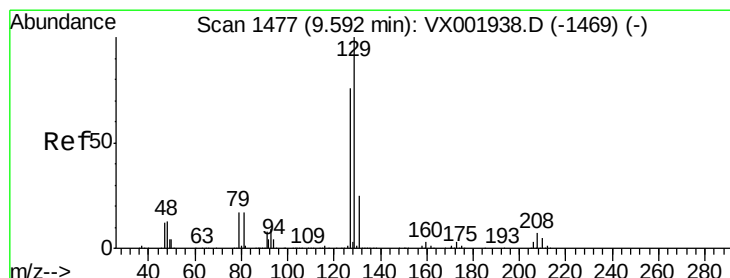
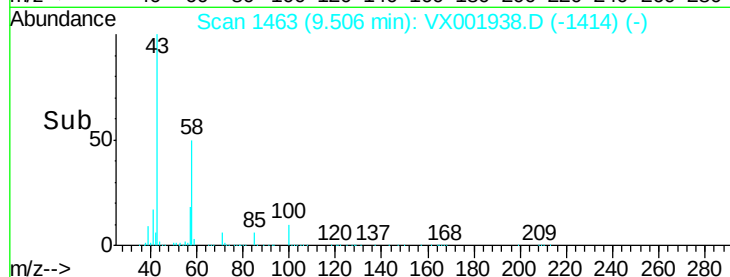
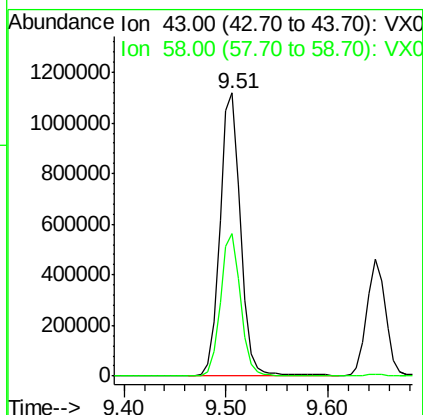
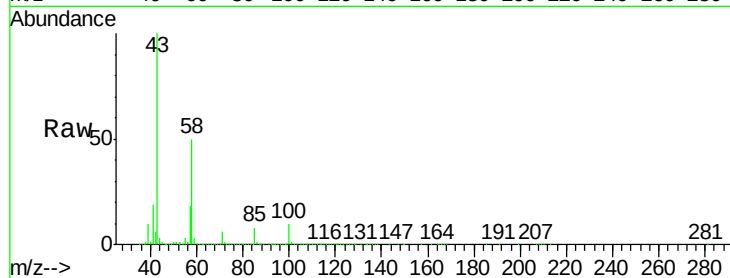




#59
2-Hexanone
Concen: 250.00 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001938.D
Acq: 24 May 2018 11:46

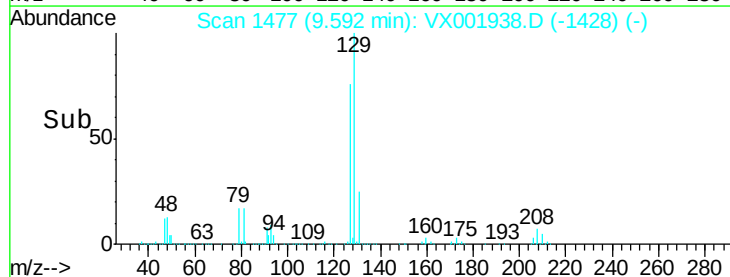
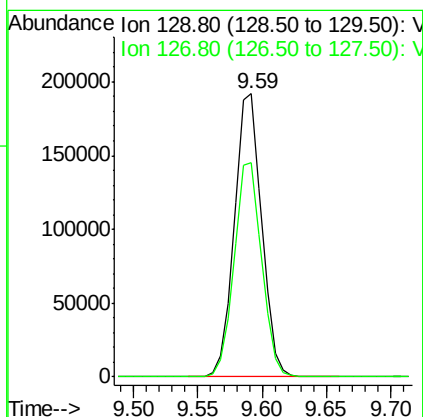
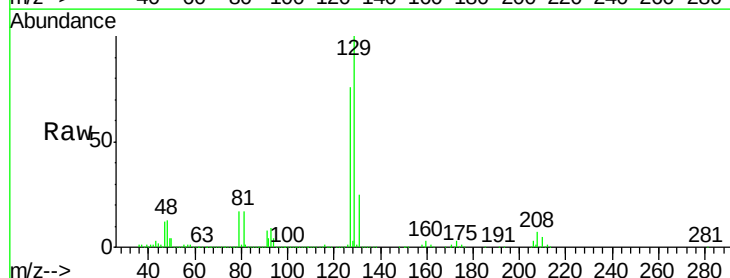
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

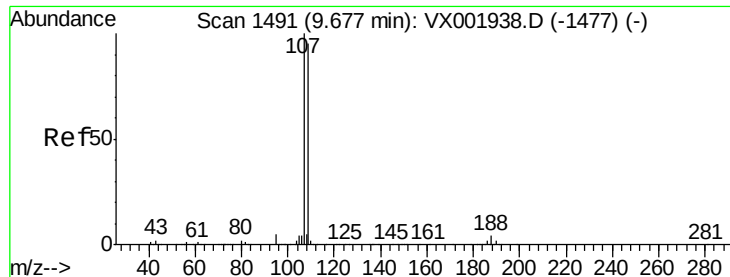
Tgt Ion: 43 Resp: 1557394
Ion Ratio Lower Upper
43 100
58 49.7 24.9 74.6



#60
Dibromochloromethane
Concen: 50.00 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX001938.D
Acq: 24 May 2018 11:46

Tgt Ion: 129 Resp: 281801
Ion Ratio Lower Upper
129 100
127 76.6 38.3 114.9

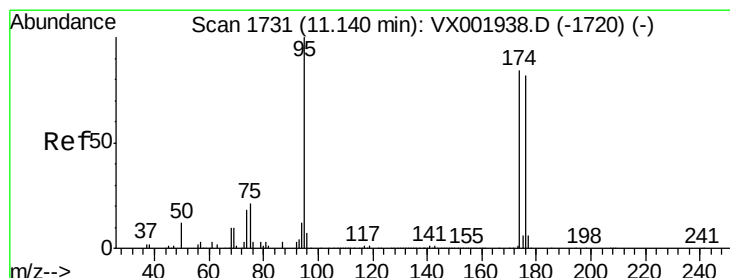
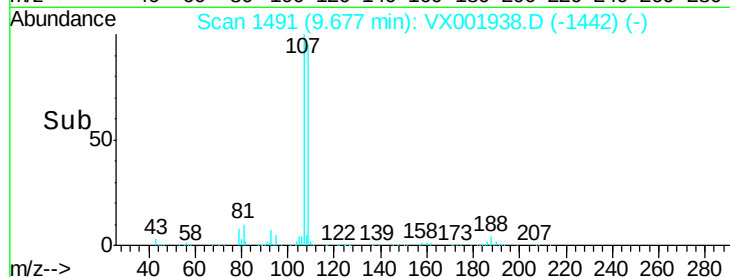
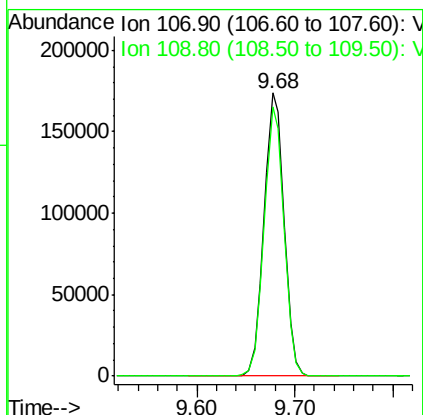
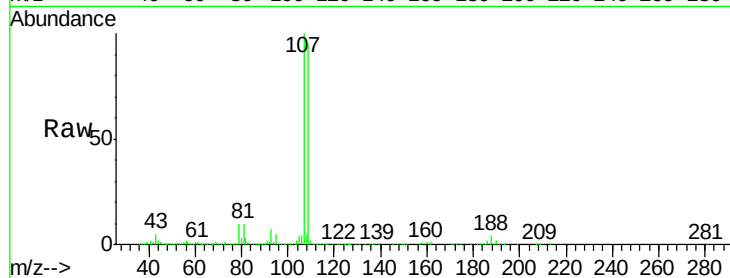




#61
 1,2-Dibromoethane
 Concen: 50.00 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: VX001938.D
 Acq: 24 May 2018 11:46

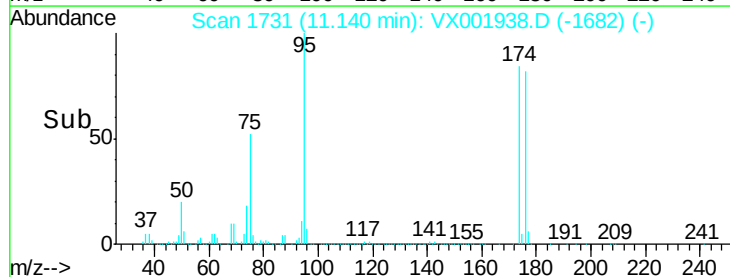
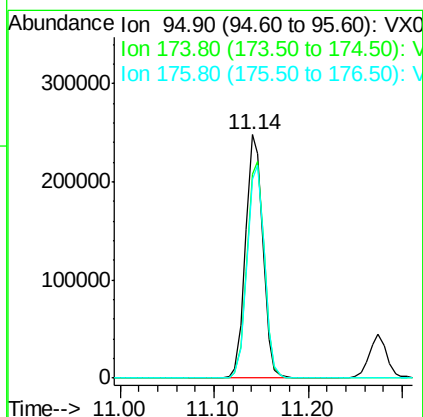
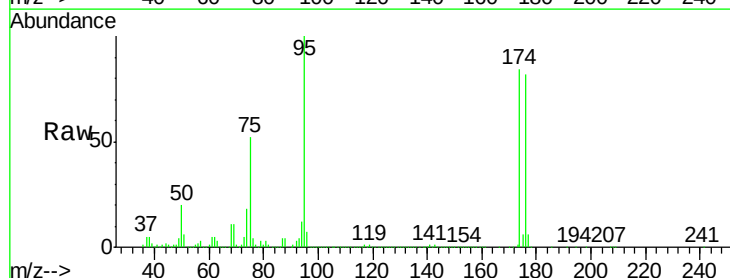
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

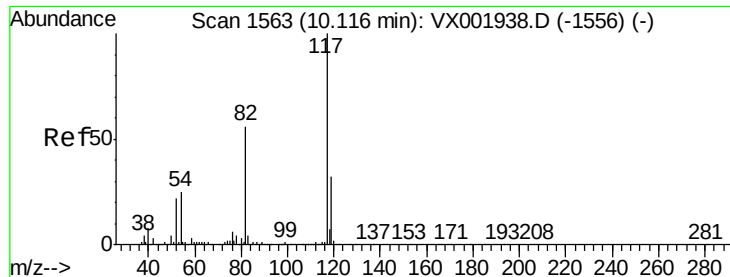
Tgt Ion: 107 Resp: 247864
 Ion Ratio Lower Upper
 107 100
 109 94.1 75.3 112.9



#62
 4-Bromofluorobenzene
 Concen: 50.00 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX001938.D
 Acq: 24 May 2018 11:46

Tgt Ion: 95 Resp: 317024
 Ion Ratio Lower Upper
 95 100
 174 89.4 0.0 178.8
 176 87.8 0.0 175.6

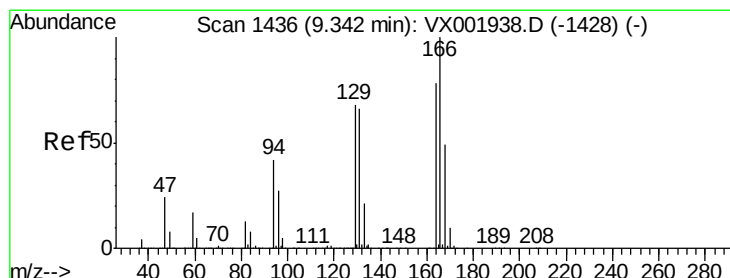
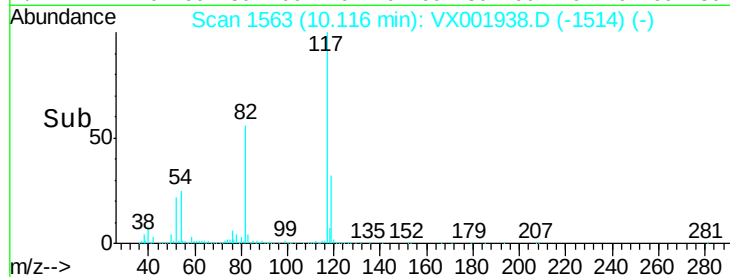
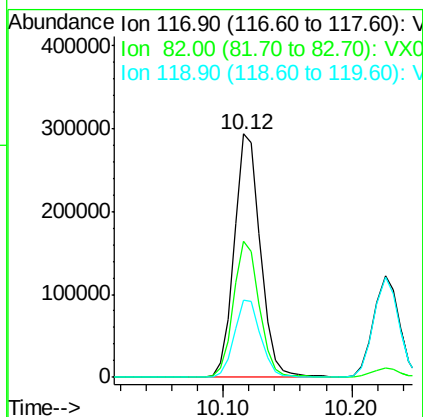
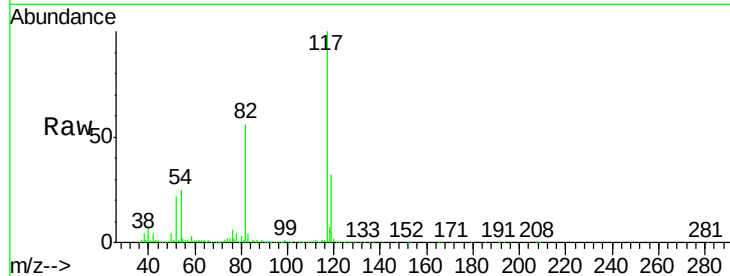




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX001938.D
Acq: 24 May 2018 11:46

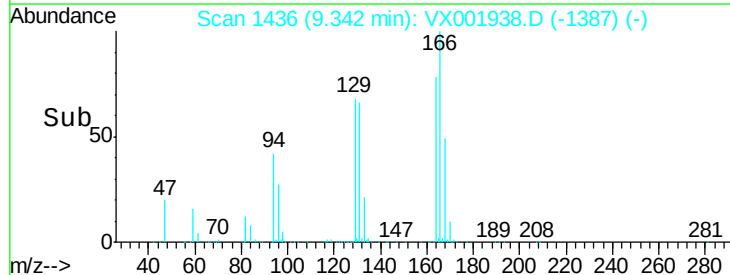
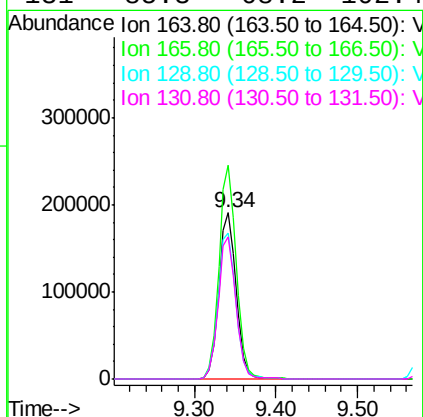
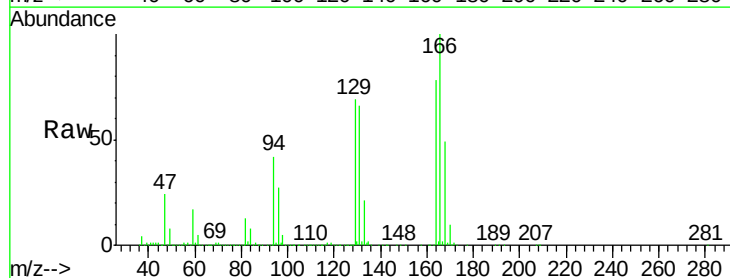
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

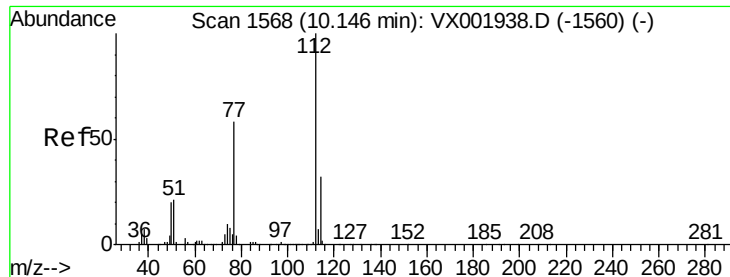
Tgt Ion:117 Resp: 415838
Ion Ratio Lower Upper
117 100
82 56.0 44.8 67.2
119 31.9 25.5 38.3



#64
Tetrachloroethene
Concen: 50.00 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001938.D
Acq: 24 May 2018 11:46

Tgt Ion:164 Resp: 286168
Ion Ratio Lower Upper
164 100
166 128.4 102.7 154.1
129 87.9 70.3 105.5
131 85.3 68.2 102.4





#65

Chlorobenzene

Concen: 50.00 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX001938.D

Acq: 24 May 2018 11:46

Instrument :

MSVOA_X

ClientSampleId :

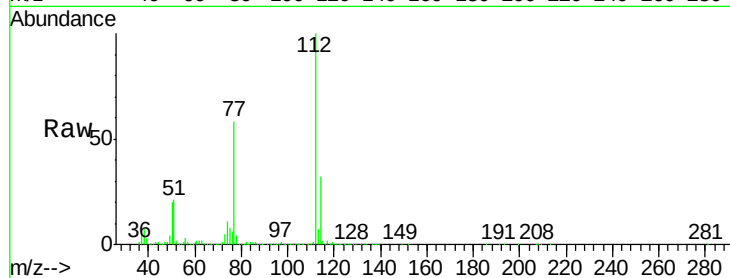
VSTDICCC050

Tgt Ion:112 Resp: 632980

Ion Ratio Lower Upper

112 100

114 32.4 25.9 38.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.15

400000

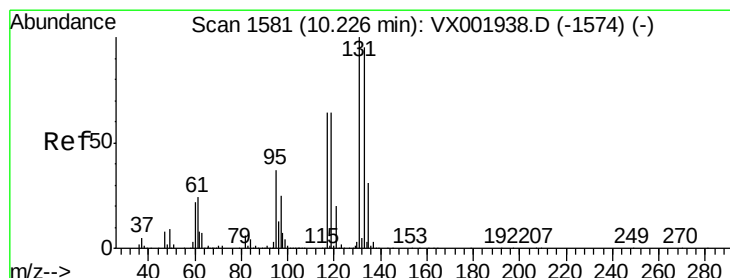
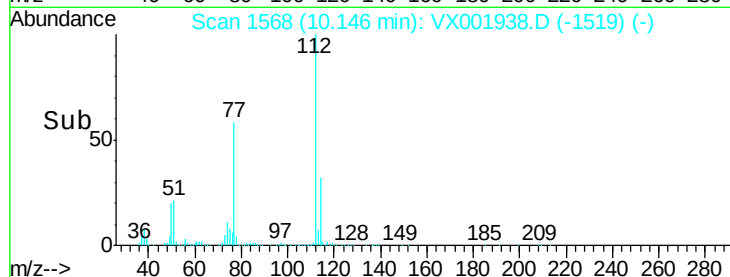
300000

200000

100000

0

Time--> 10.00 10.10 10.20 10.30



#66

1,1,1,2-Tetrachloroethane

Concen: 50.00 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX001938.D

Acq: 24 May 2018 11:46

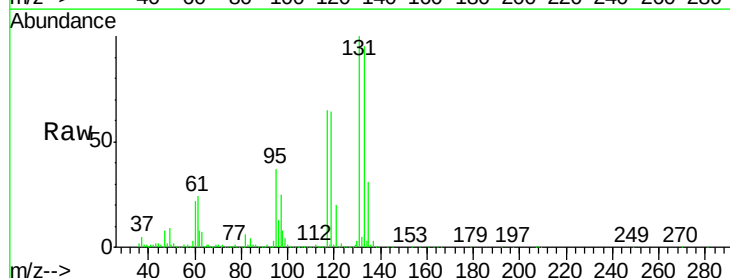
Tgt Ion:131 Resp: 253694

Ion Ratio Lower Upper

131 100

133 96.0 48.0 144.0

119 63.7 31.9 95.5



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

200000

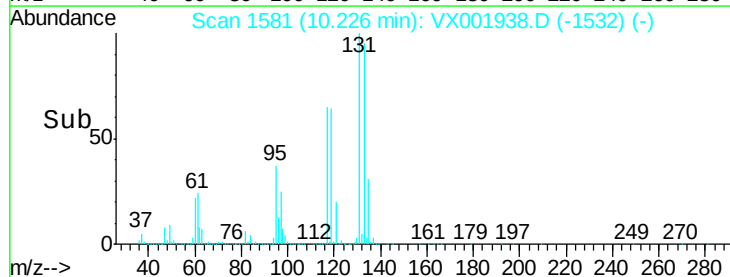
150000

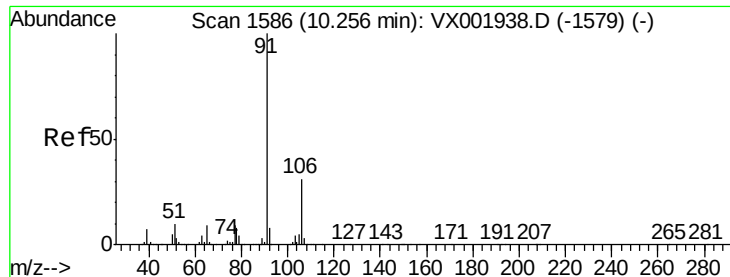
100000

50000

0

Time--> 10.20 10.30





#67

Ethyl Benzene

Concen: 50.00 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX001938.D

Acq: 24 May 2018 11:46

Instrument :

MSVOA_X

ClientSampleId :

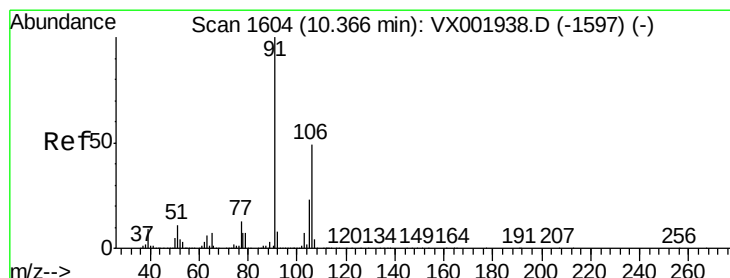
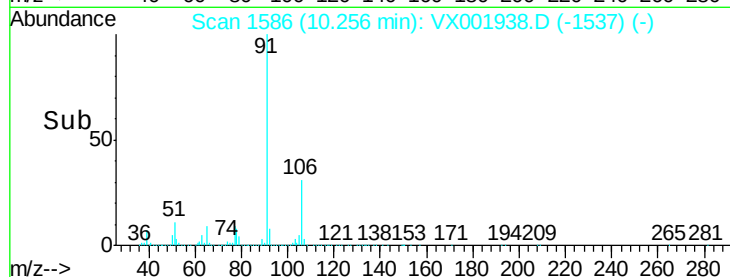
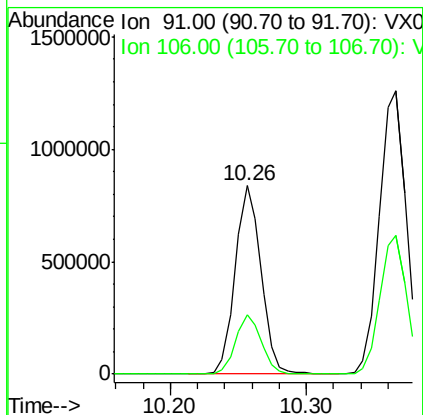
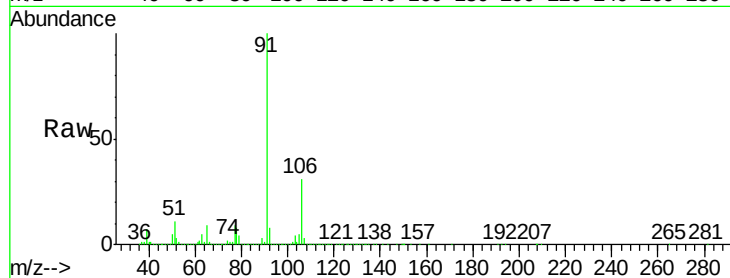
VSTDICCC050

Tgt Ion: 91 Resp: 1111394

Ion Ratio Lower Upper

91 100

106 31.3 25.0 37.6



#68

m/p-Xylenes

Concen: 100.00 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX001938.D

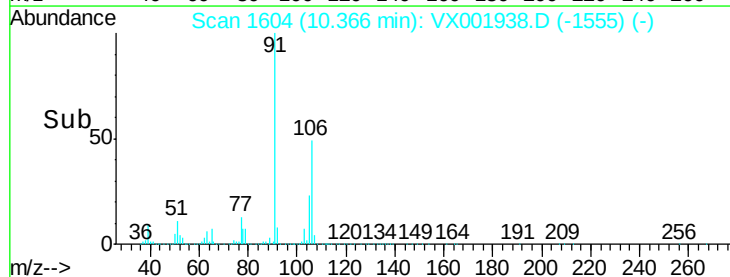
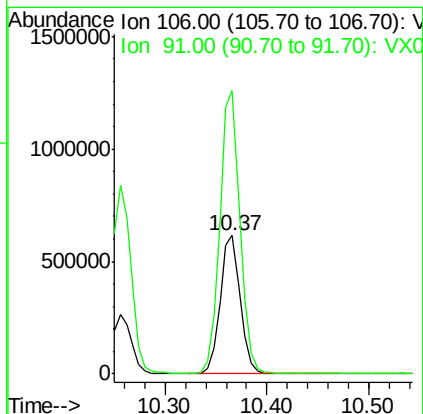
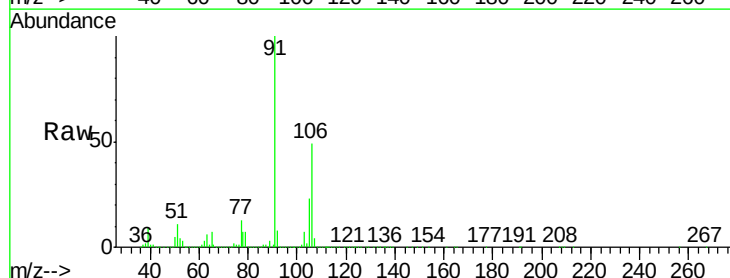
Acq: 24 May 2018 11:46

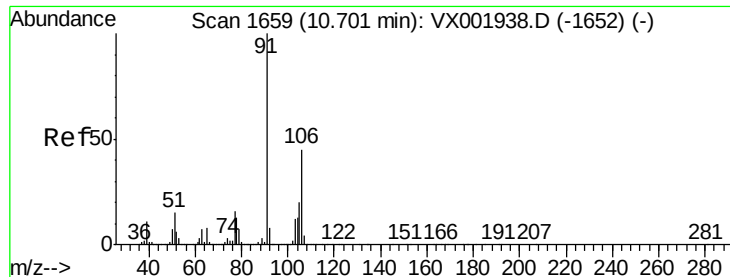
Tgt Ion: 106 Resp: 845817

Ion Ratio Lower Upper

106 100

91 206.3 165.0 247.6

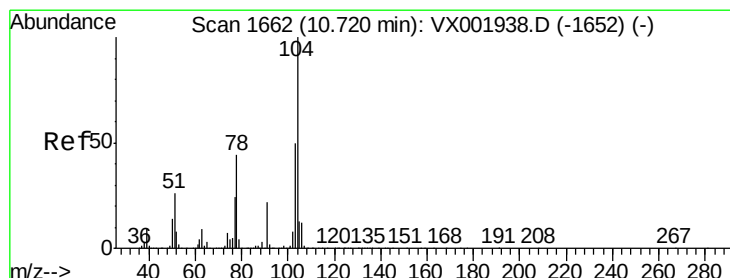
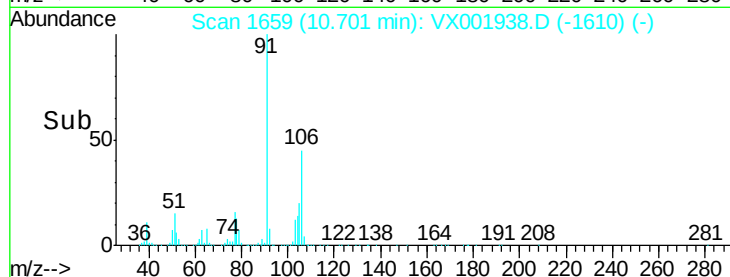
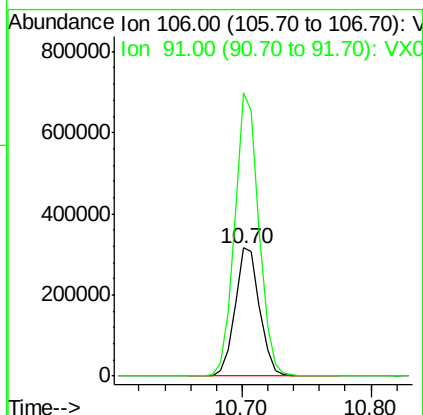
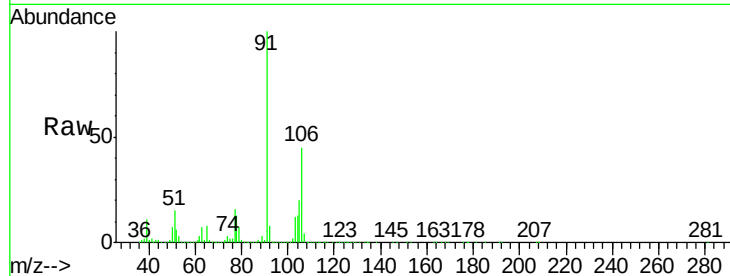




#69
o-Xylene
Concen: 50.00 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX001938.D
Acq: 24 May 2018 11:46

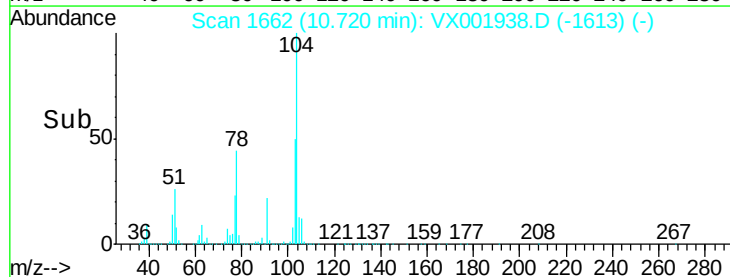
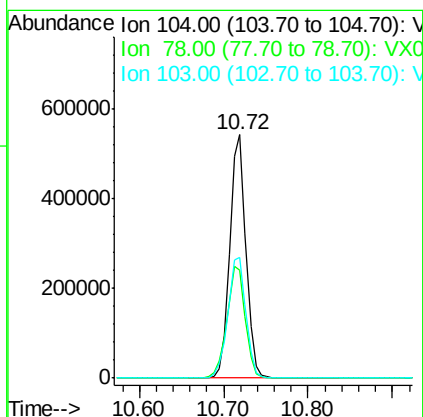
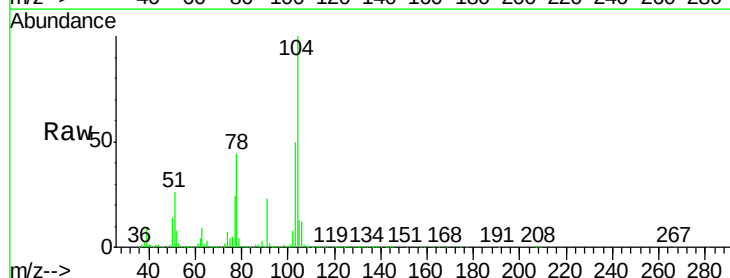
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

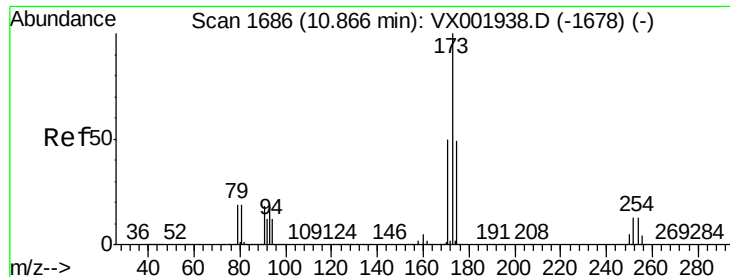
Tgt Ion:106 Resp: 419007
Ion Ratio Lower Upper
106 100
91 217.3 108.7 325.9



#70
Styrene
Concen: 50.00 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001938.D
Acq: 24 May 2018 11:46

Tgt Ion:104 Resp: 703600
Ion Ratio Lower Upper
104 100
78 52.2 41.8 62.6
103 55.8 44.6 67.0

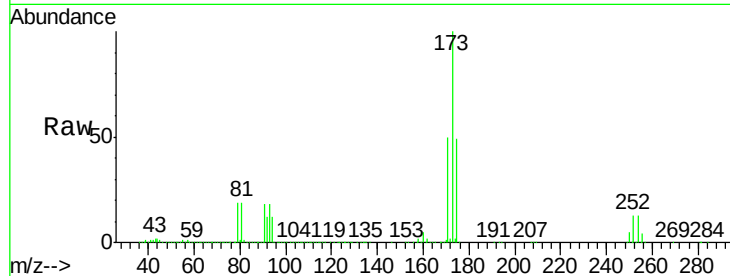




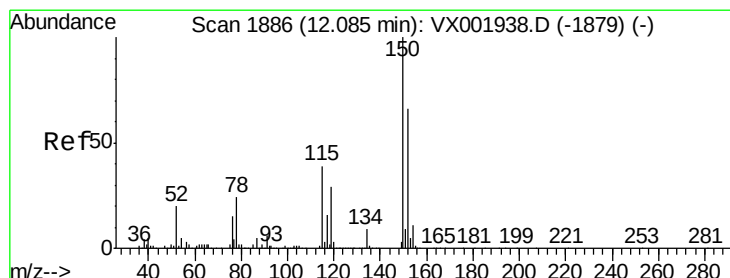
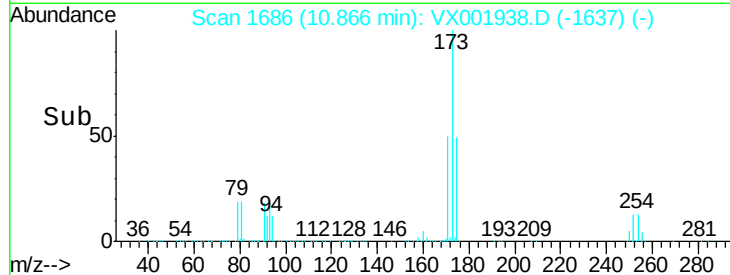
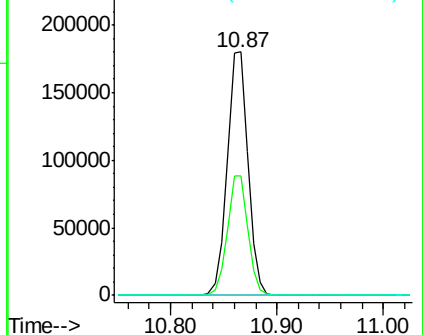
#71
Bromoform
Concen: 50.00 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VX001938.D
Acq: 24 May 2018 11:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.3	72.9
254	0.1	0.1	0.1

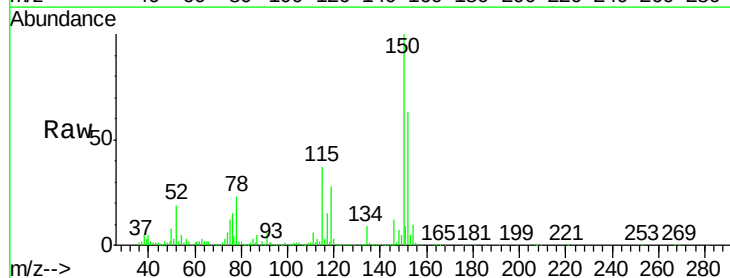


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

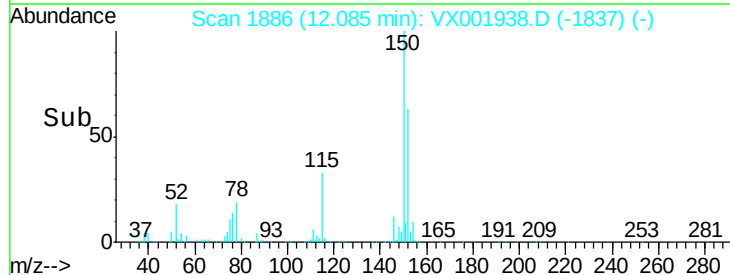
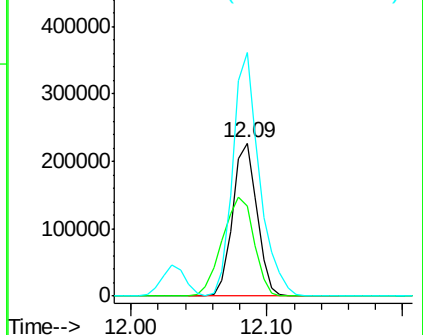


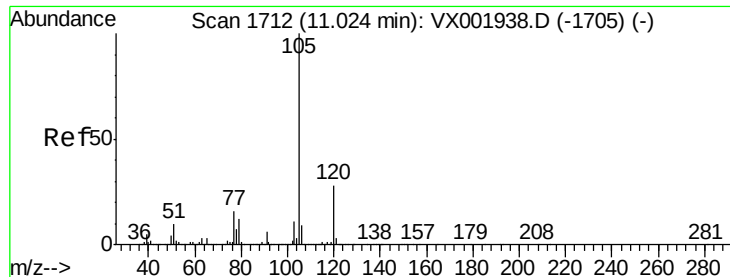
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001938.D
Acq: 24 May 2018 11:46

Tgt Ion	Ratio	Lower	Upper
152	100		
115	84.5	42.3	126.8
150	175.5	0.0	351.0



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





#73

Isopropylbenzene

Concen: 50.00 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001938.D

Acq: 24 May 2018 11:46

Instrument :

MSVOA_X

ClientSampleId :

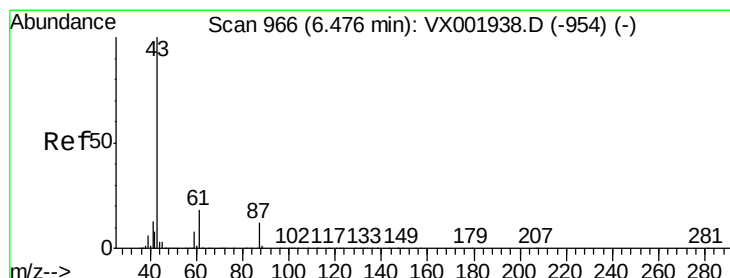
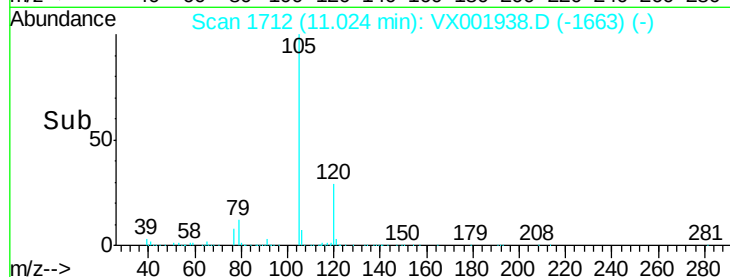
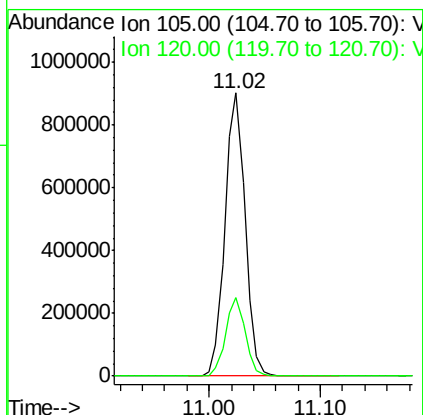
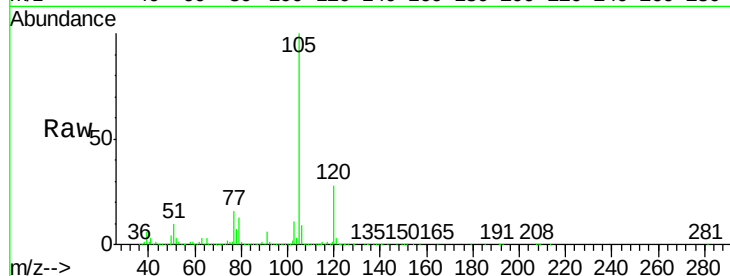
VSTDICCC050

Tgt Ion:105 Resp: 1130677

Ion Ratio Lower Upper

105 100

120 27.1 13.6 40.7



#74

N-ethyl acetate

Concen: 50.00 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001938.D

Acq: 24 May 2018 11:46

Tgt Ion: 43 Resp: 665474

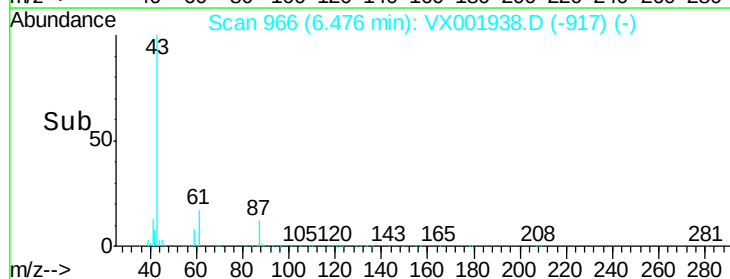
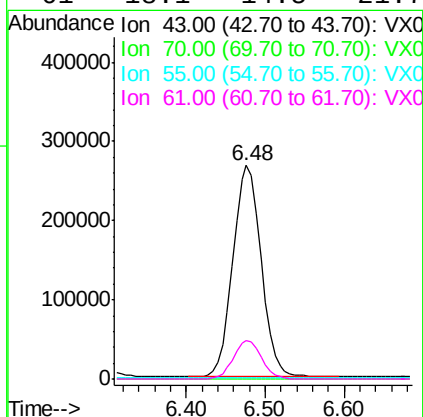
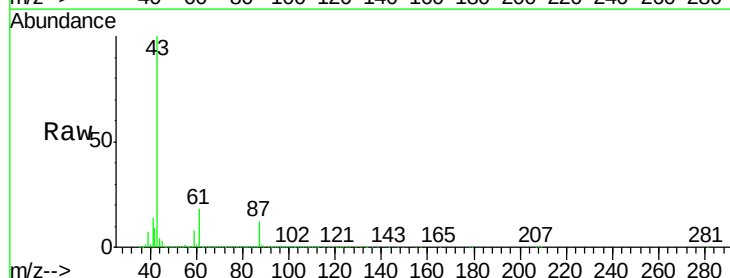
Ion Ratio Lower Upper

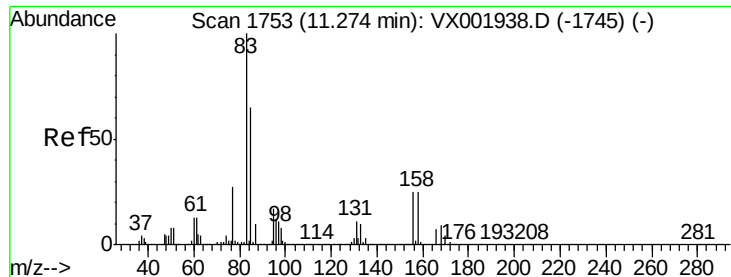
43 100

70 0.1 0.1 0.1

55 0.1 0.1 0.1#

61 18.1 14.5 21.7





#75

1,1,2,2-Tetrachloroethane

Concen: 50.00 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001938.D

Acq: 24 May 2018 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

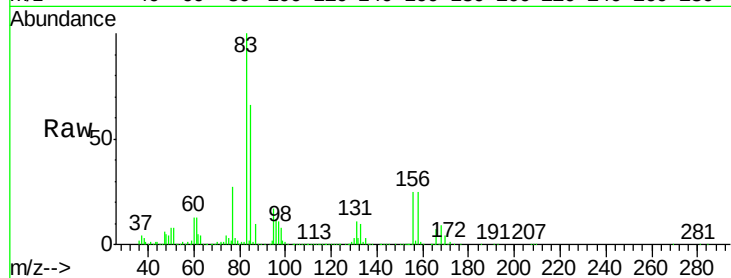
Tgt Ion: 83 Resp: 330418

Ion Ratio Lower Upper

83 100

131 11.3 5.7 17.0

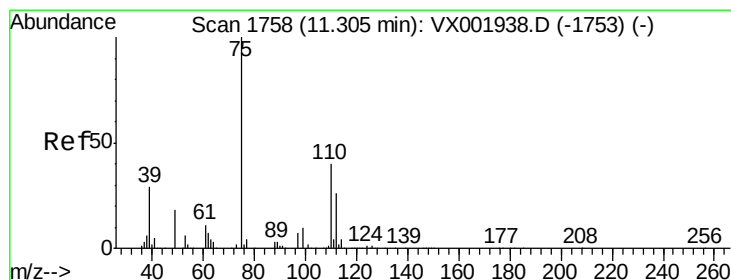
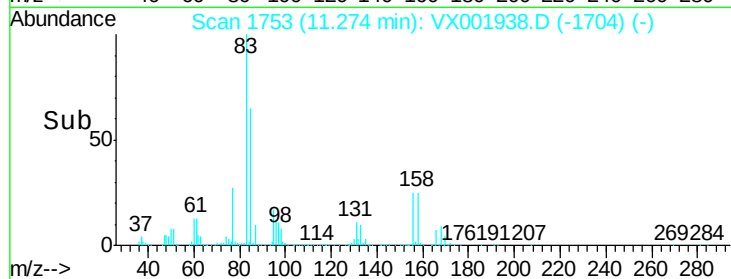
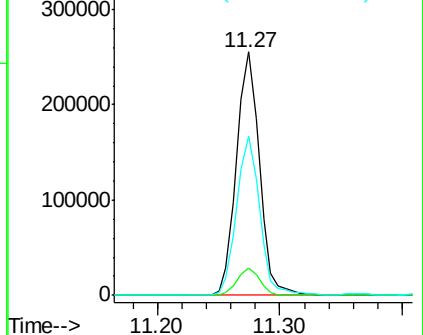
85 65.1 32.6 97.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 73.97 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX001938.D

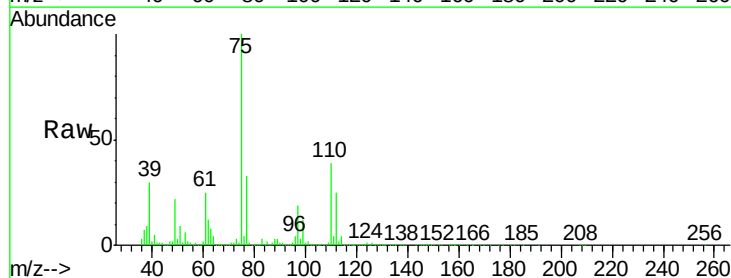
Acq: 24 May 2018 11:46

Tgt Ion: 75 Resp: 457859

Ion Ratio Lower Upper

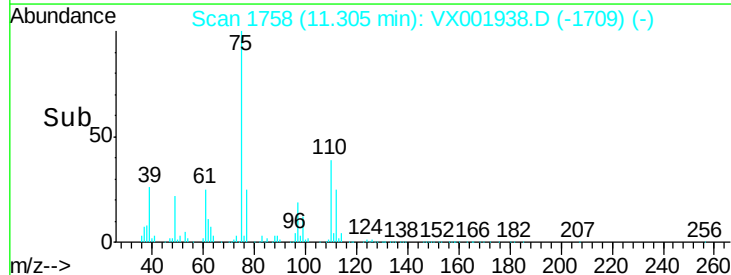
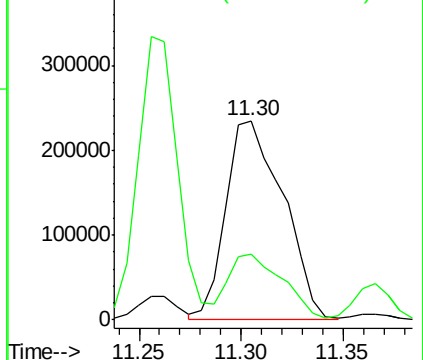
75 100

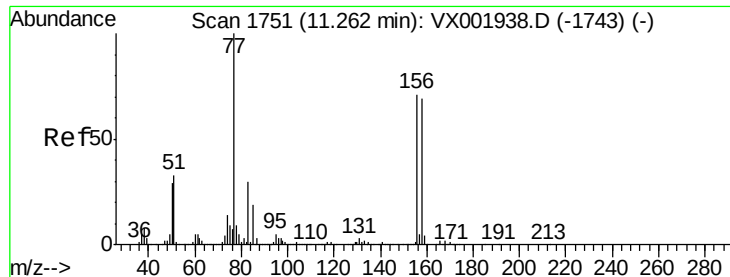
77 30.8 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.00 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001938.D

Acq: 24 May 2018 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

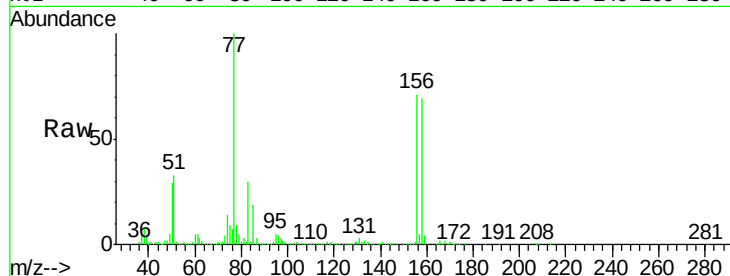
Tgt Ion:156 Resp: 300649

Ion Ratio Lower Upper

156 100

77 150.4 75.2 225.6

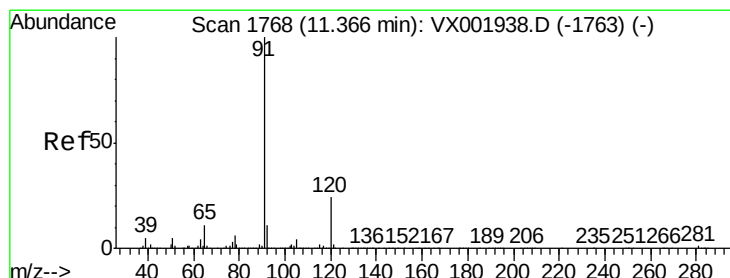
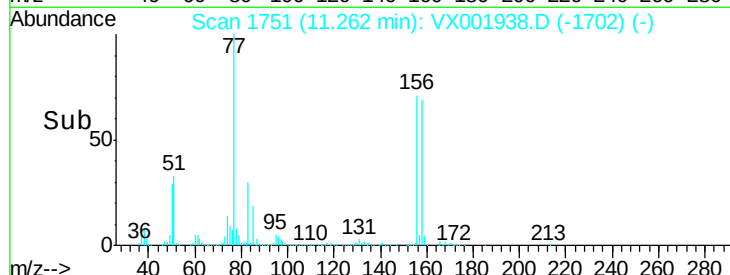
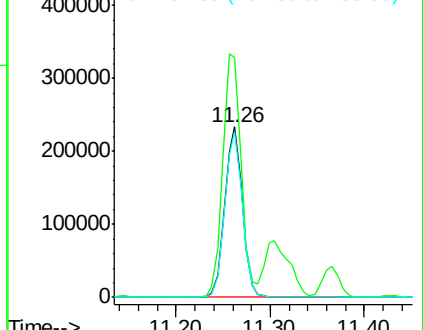
158 97.2 48.6 145.8



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: 50.00 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001938.D

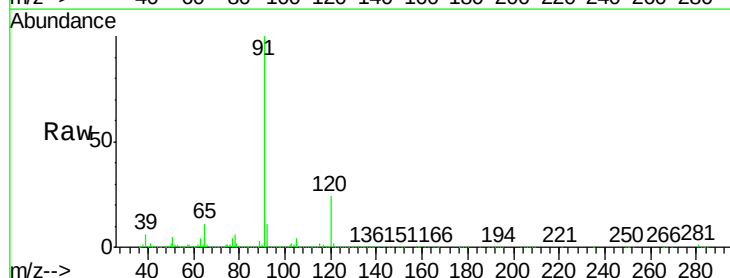
Acq: 24 May 2018 11:46

Tgt Ion: 91 Resp: 1283286

Ion Ratio Lower Upper

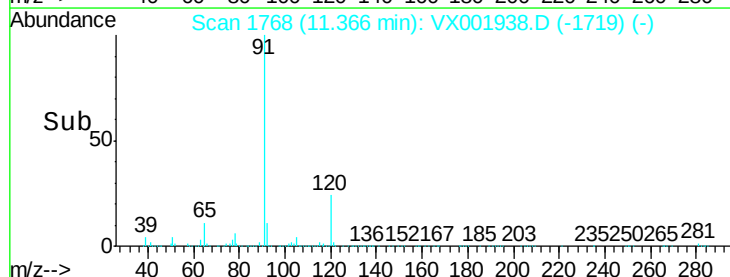
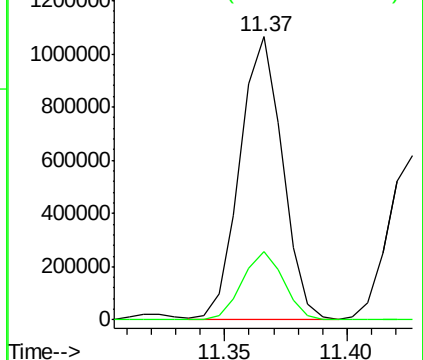
91 100

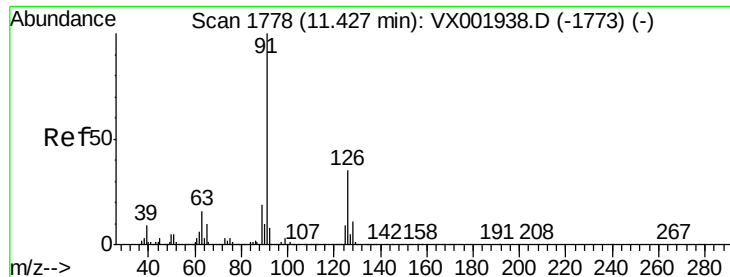
120 23.8 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.00 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001938.D

Acq: 24 May 2018 11:46

Instrument :

MSVOA_X

ClientSampleId :

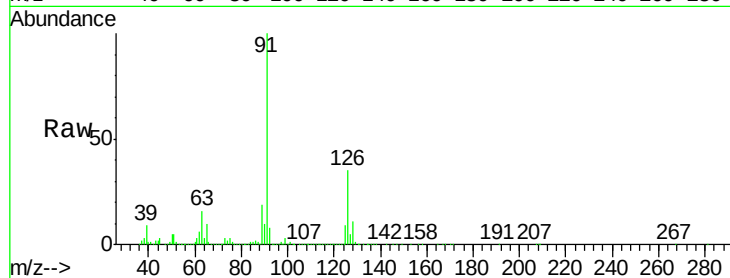
VSTDICCC050

Tgt Ion: 91 Resp: 768797

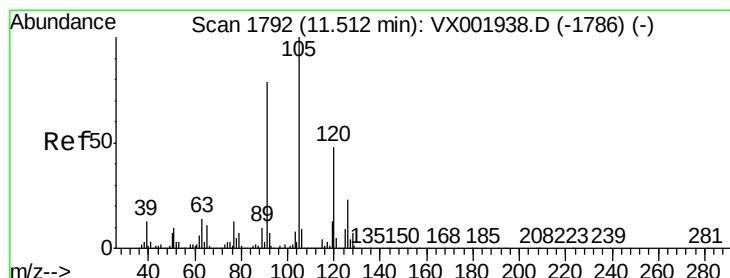
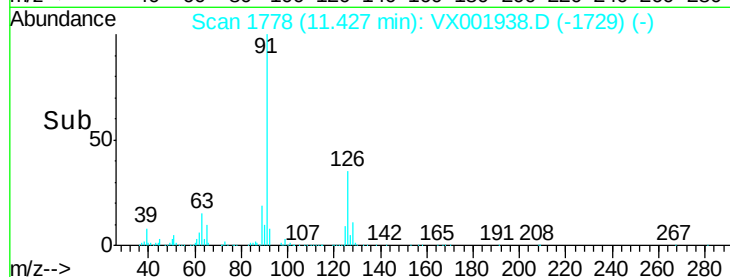
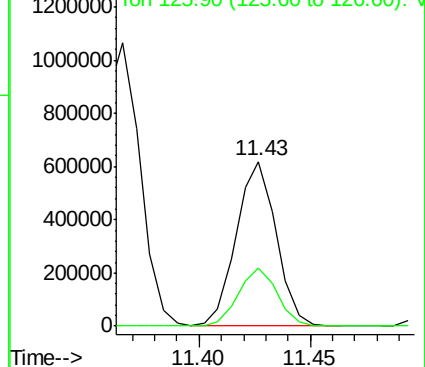
Ion Ratio Lower Upper

91 100

126 34.8 17.4 52.2



Abundance Ion 91.00 (90.70 to 91.70): VX001938.D (-1773) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.00 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001938.D

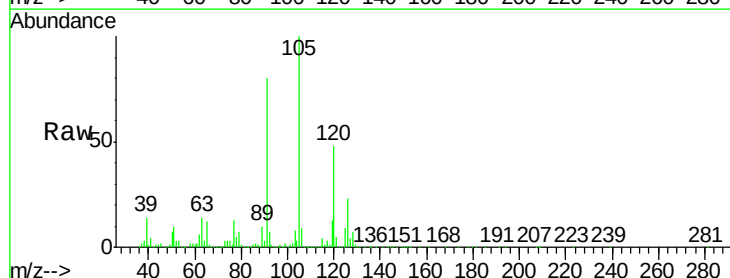
Acq: 24 May 2018 11:46

Tgt Ion: 105 Resp: 963990

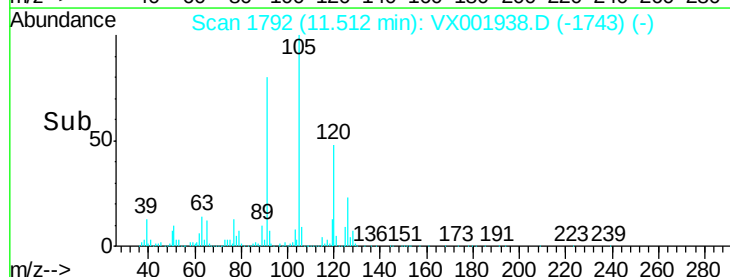
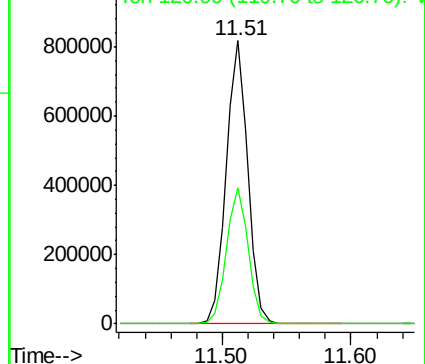
Ion Ratio Lower Upper

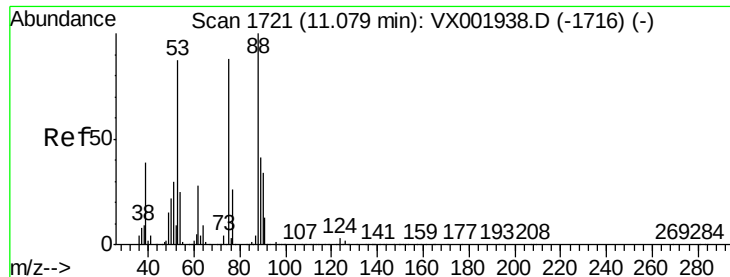
105 100

120 48.3 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VX001938.D (-1786) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 50.00 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001938.D

Acq: 24 May 2018 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

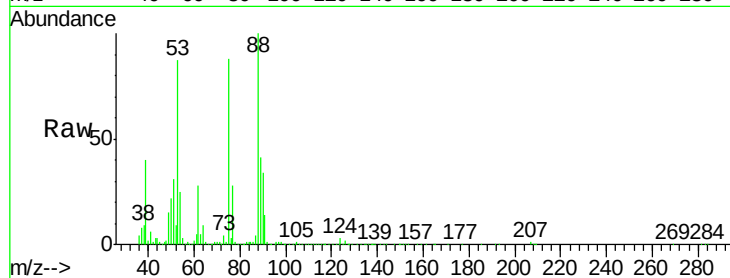
Tgt Ion: 75 Resp: 130137

Ion Ratio Lower Upper

75 100

53 97.5 78.0 117.0

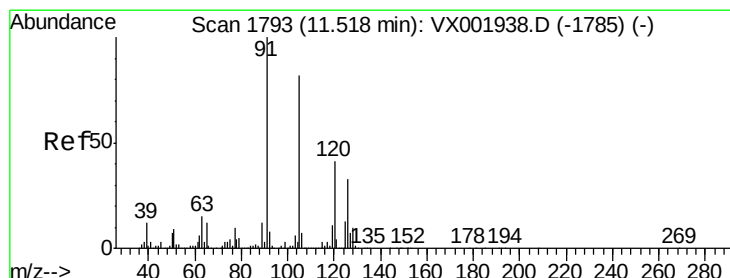
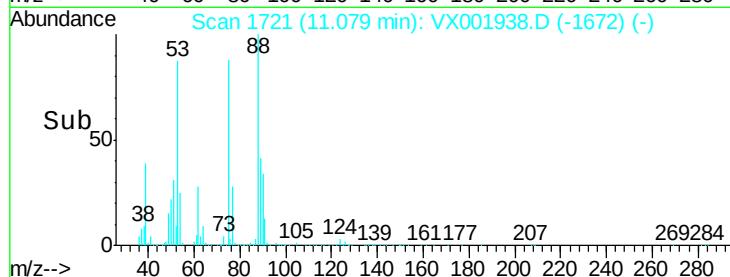
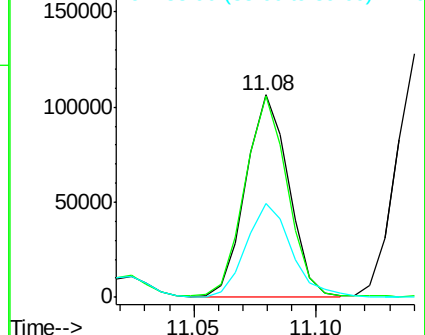
89 49.3 39.4 59.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 50.00 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001938.D

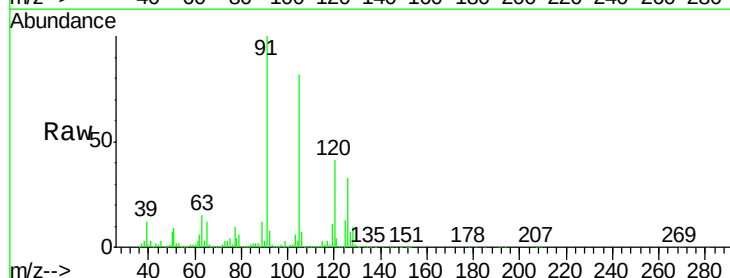
Acq: 24 May 2018 11:46

Tgt Ion: 91 Resp: 896765

Ion Ratio Lower Upper

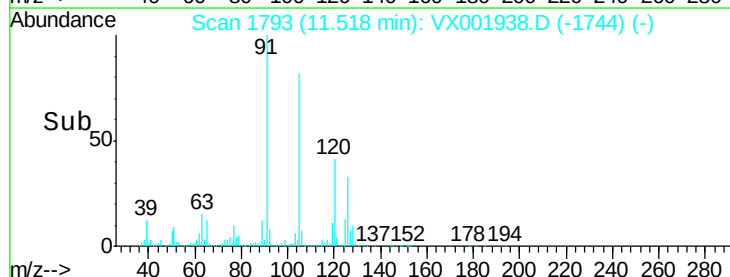
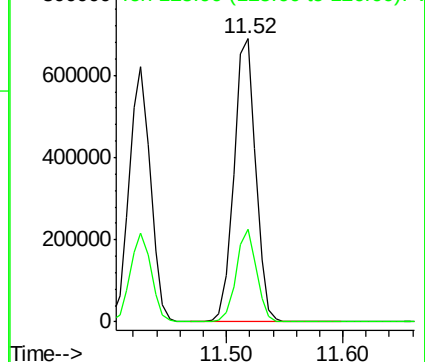
91 100

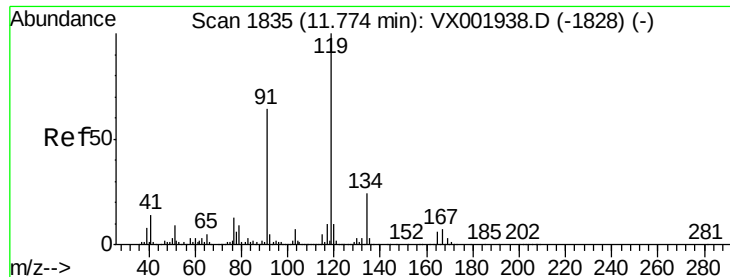
126 30.5 15.3 45.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 50.00 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX001938.D

Acq: 24 May 2018 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

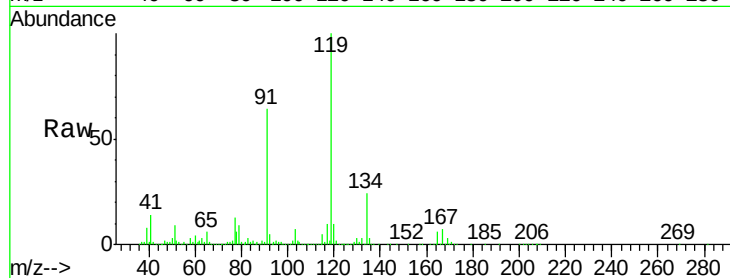
Tgt Ion:119 Resp: 935422

Ion Ratio Lower Upper

119 100

91 61.2 30.6 91.8

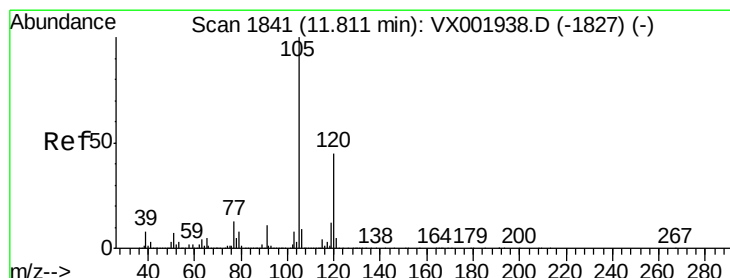
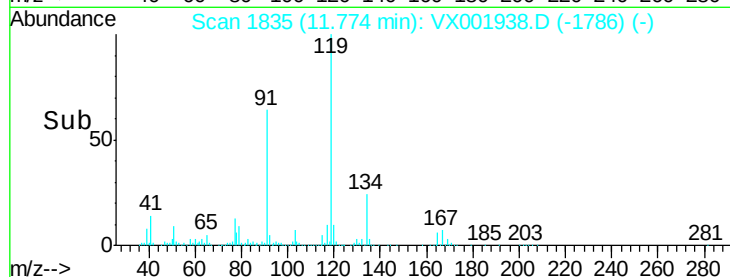
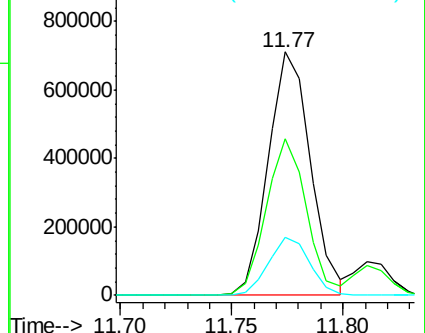
134 23.3 11.7 35.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 50.00 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VX001938.D

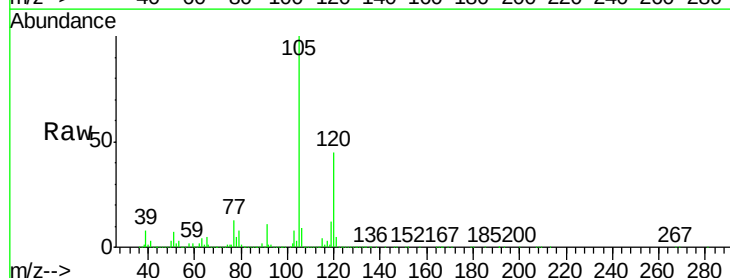
Acq: 24 May 2018 11:46

Tgt Ion:105 Resp: 989360

Ion Ratio Lower Upper

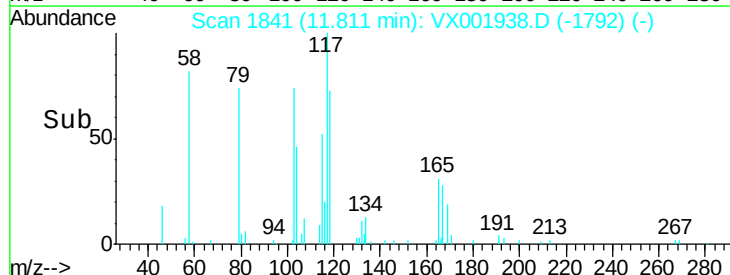
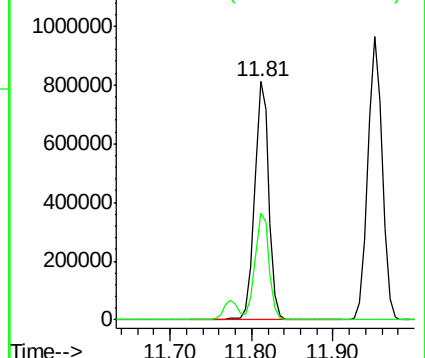
105 100

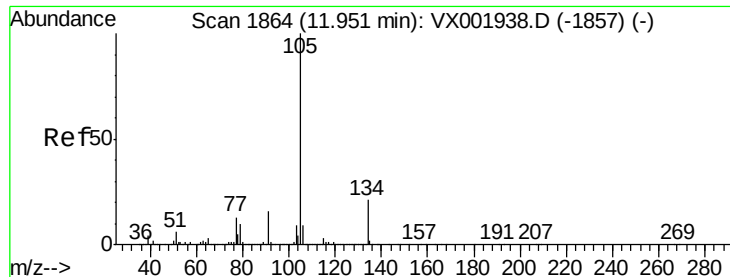
120 44.3 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 50.00 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX001938.D

Acq: 24 May 2018 11:46

Instrument :

MSVOA_X

ClientSampleId :

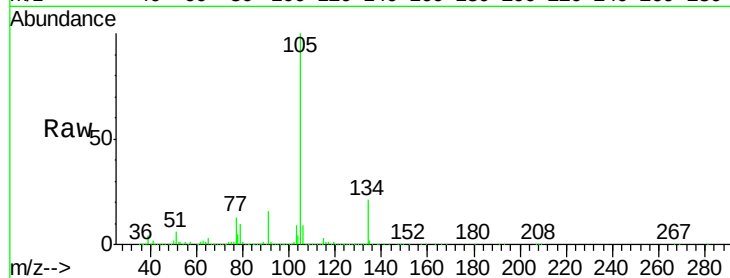
VSTDICCC050

Tgt Ion:105 Resp: 1145958

Ion Ratio Lower Upper

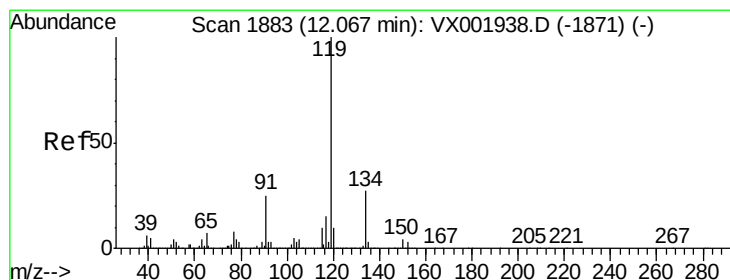
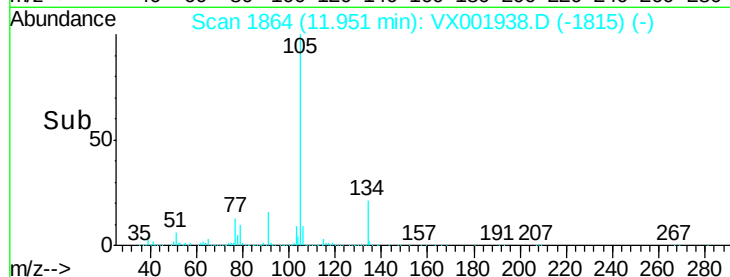
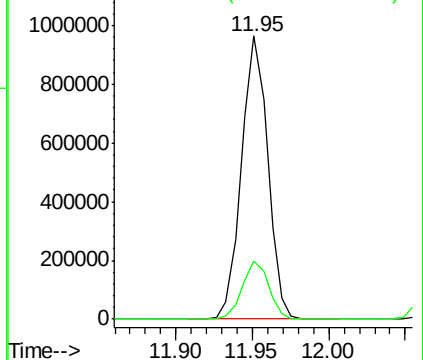
105 100

134 20.9 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.00 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX001938.D

Acq: 24 May 2018 11:46

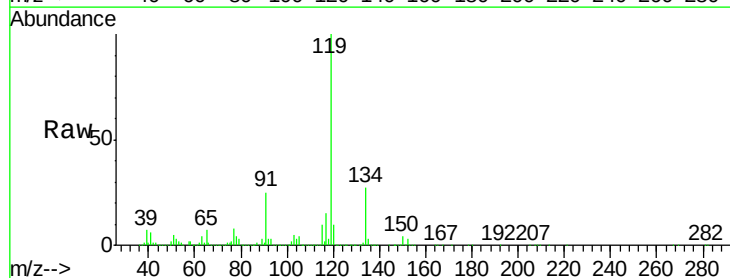
Tgt Ion:119 Resp: 1028667

Ion Ratio Lower Upper

119 100

134 27.2 13.6 40.8

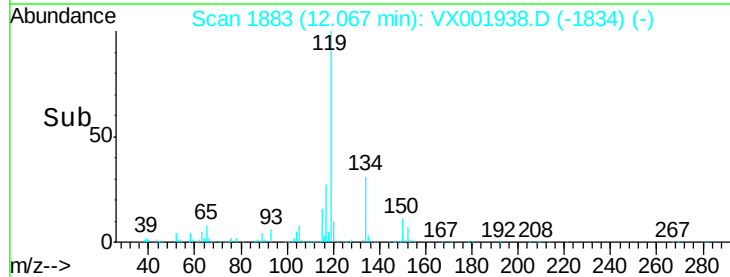
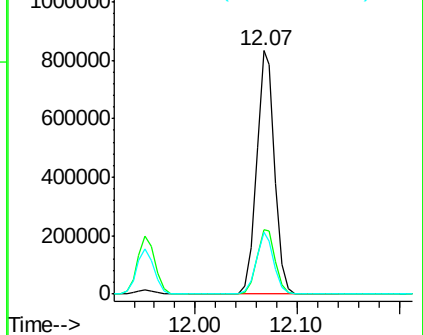
91 24.3 12.2 36.4

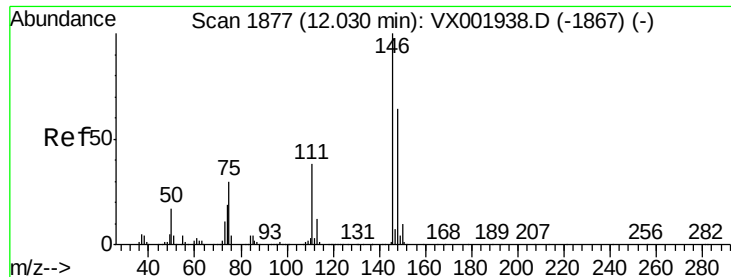


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

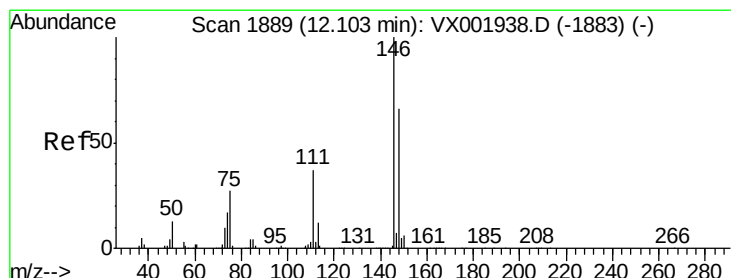
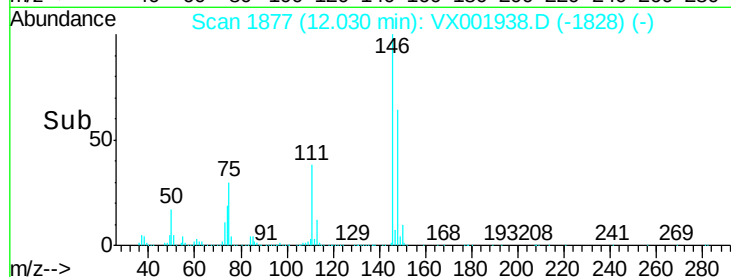
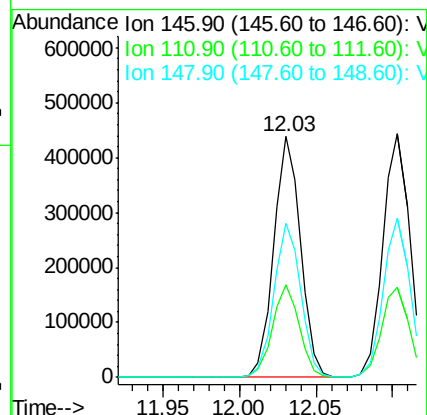
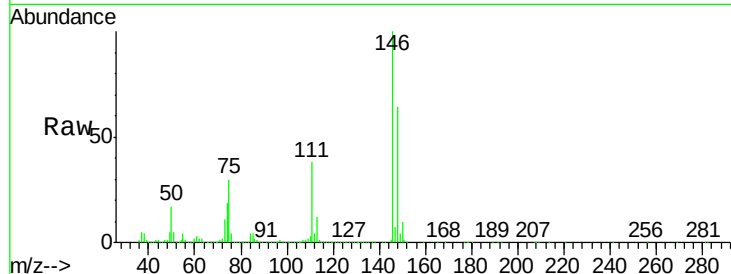




#87
 1,3-Dichlorobenzene
 Concen: 50.00 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001938.D
 Acq: 24 May 2018 11:46

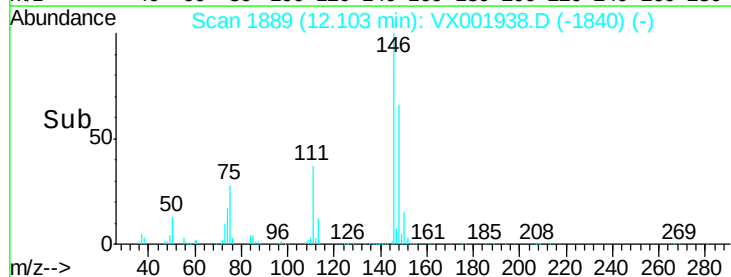
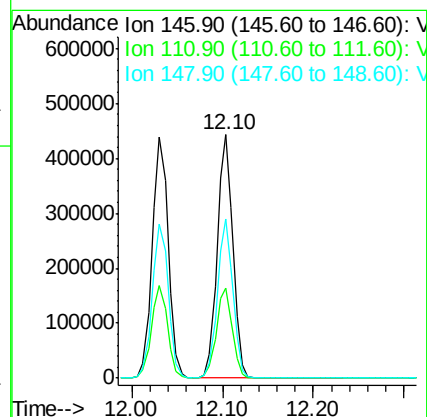
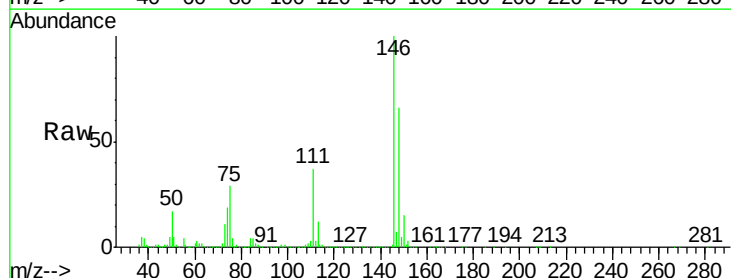
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

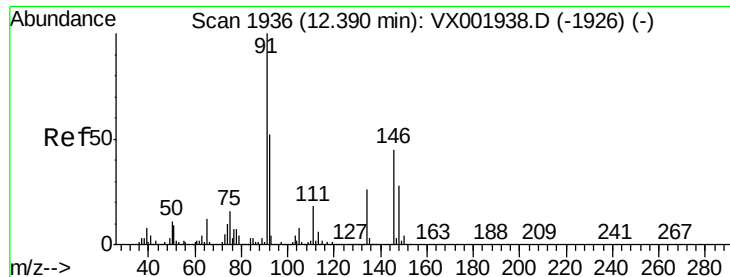
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.3	57.8
148	64.2	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 50.00 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001938.D
 Acq: 24 May 2018 11:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.9	56.5
148	64.5	32.3	96.8





#89

n-Butylbenzene

Concen: 50.00 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX001938.D

Acq: 24 May 2018 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

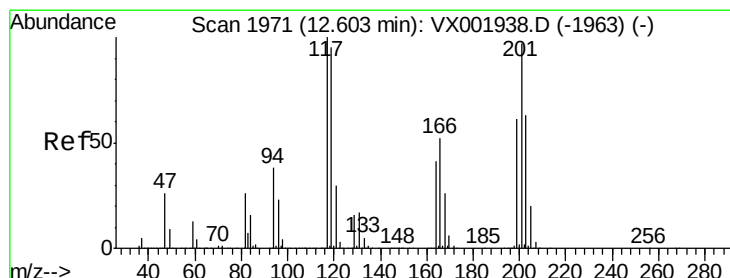
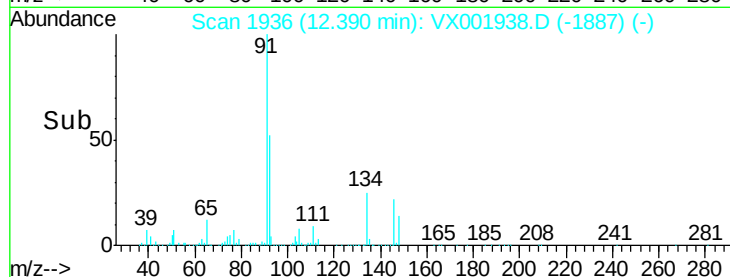
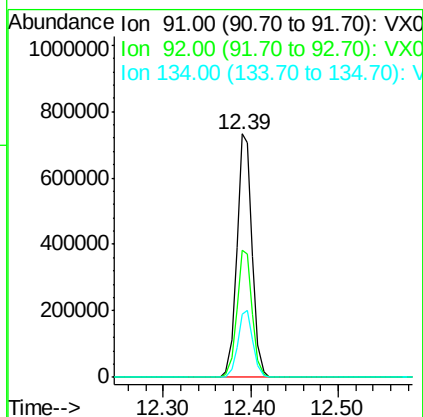
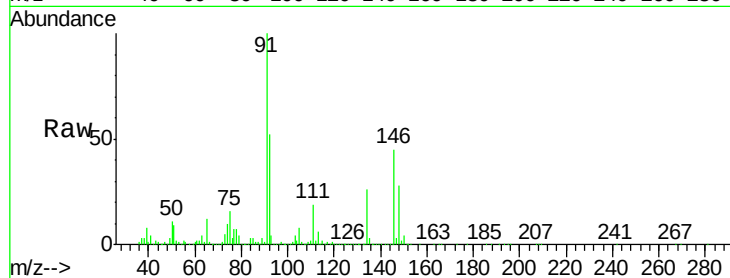
Tgt Ion: 91 Resp: 893634

Ion Ratio Lower Upper

91 100

92 52.6 26.3 78.9

134 27.1 13.6 40.7



#90

Hexachloroethane

Concen: 50.00 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX001938.D

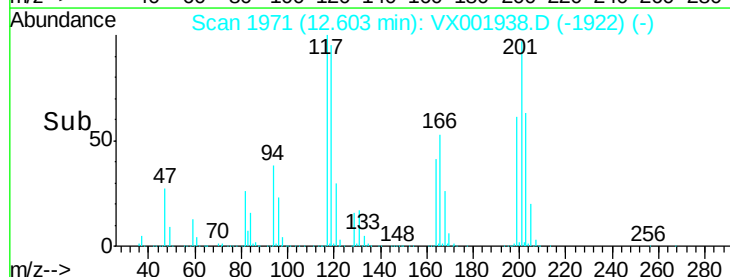
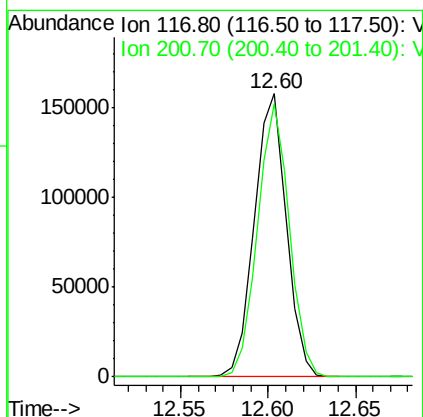
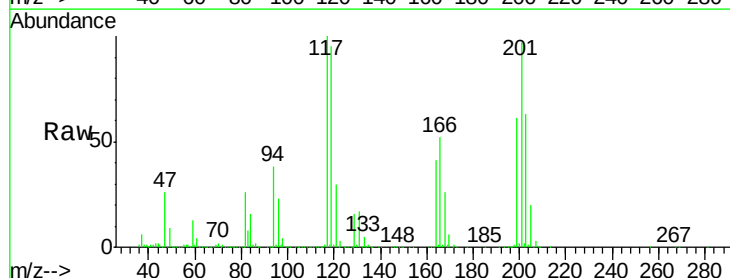
Acq: 24 May 2018 11:46

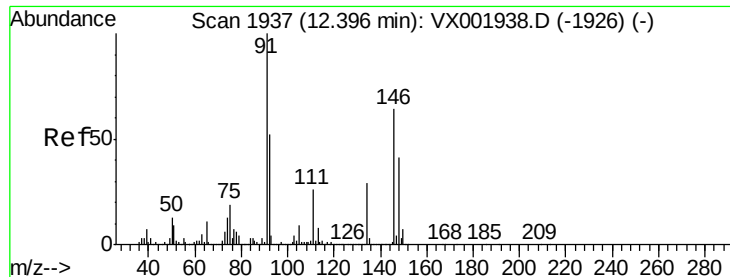
Tgt Ion: 117 Resp: 201572

Ion Ratio Lower Upper

117 100

201 96.0 48.0 144.0

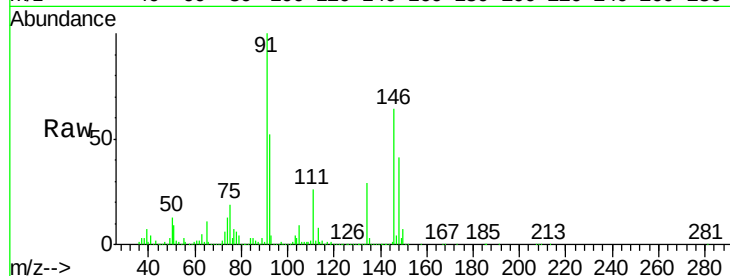




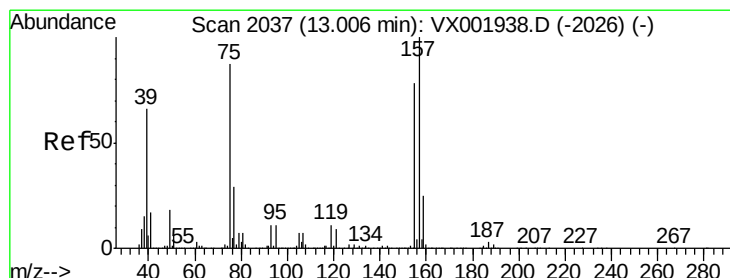
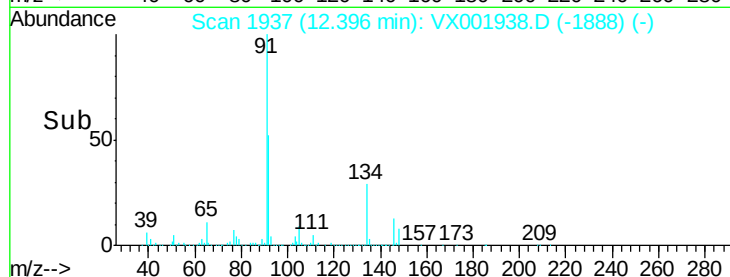
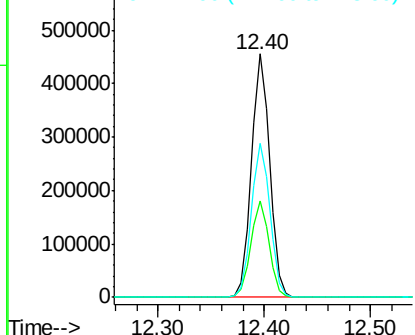
#91
 1,2-Dichlorobenzene
 Concen: 50.00 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001938.D
 Acq: 24 May 2018 11:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.8	59.3
148	64.3	32.1	96.5

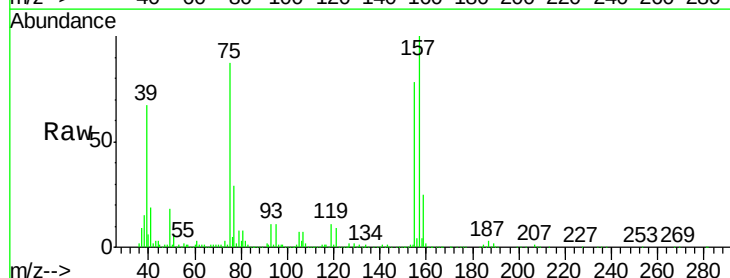


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

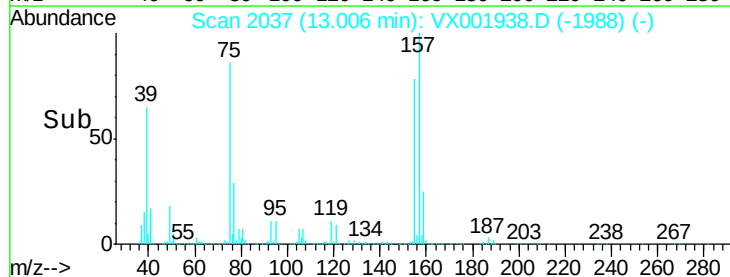
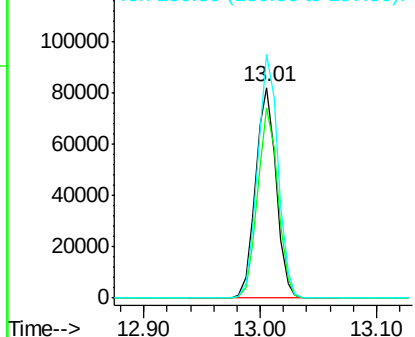


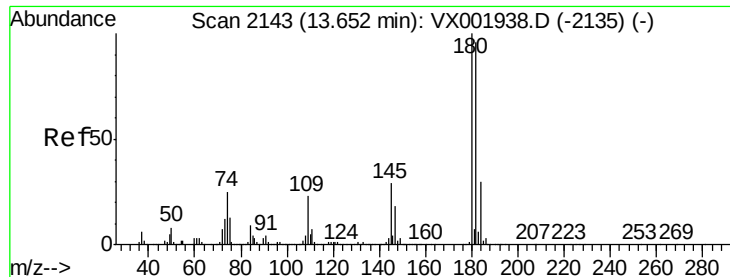
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.00 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001938.D
 Acq: 24 May 2018 11:46

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.1	45.1	135.2
157	116.1	58.1	174.2



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

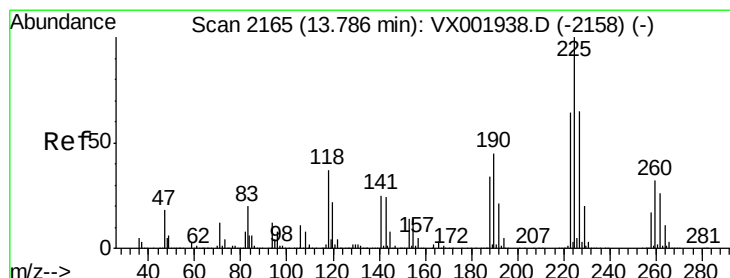
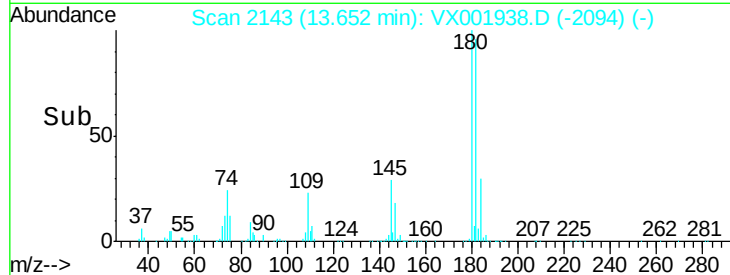
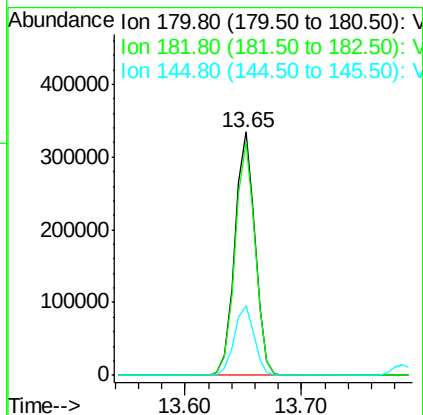
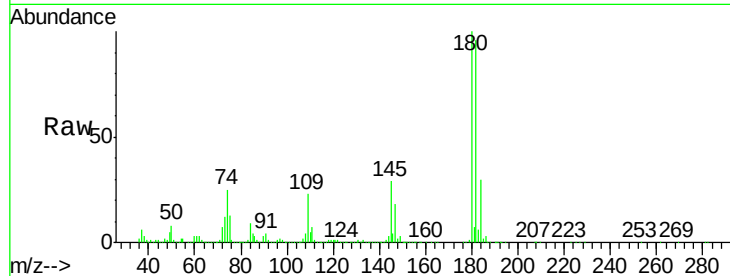




#93
 1,2,4-Trichlorobenzene
 Concen: 50.00 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001938.D
 Acq: 24 May 2018 11:46

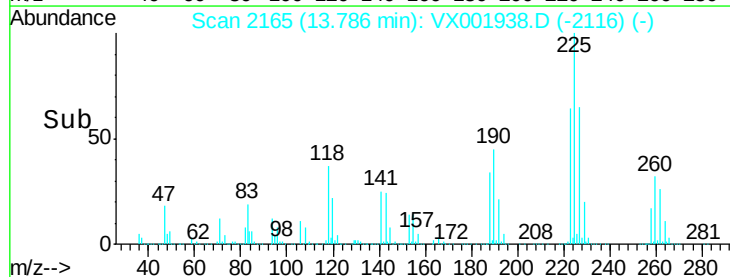
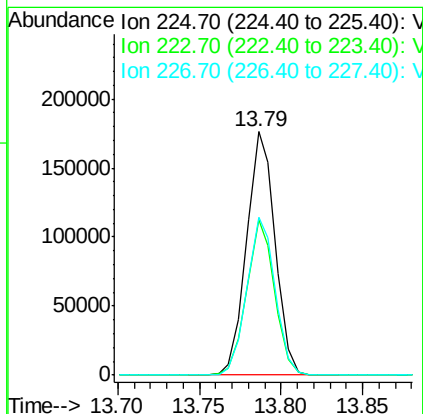
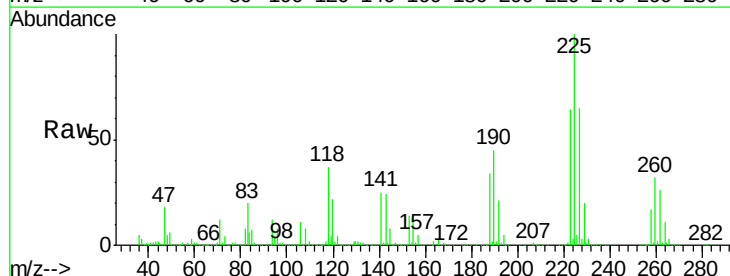
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

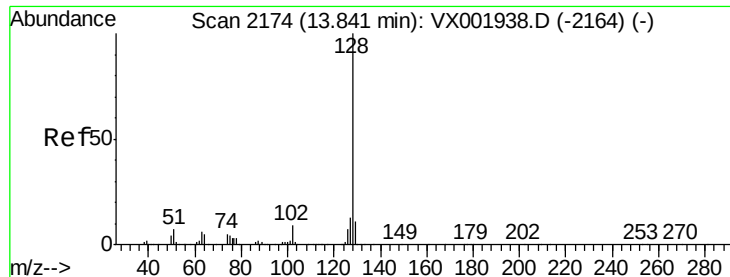
Tgt Ion:180 Resp: 402678
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.7 143.1
 145 28.7 14.4 43.0



#94
 Hexachlorobutadiene
 Concen: 50.00 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001938.D
 Acq: 24 May 2018 11:46

Tgt Ion:225 Resp: 215115
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.1 93.5
 227 64.3 32.1 96.5

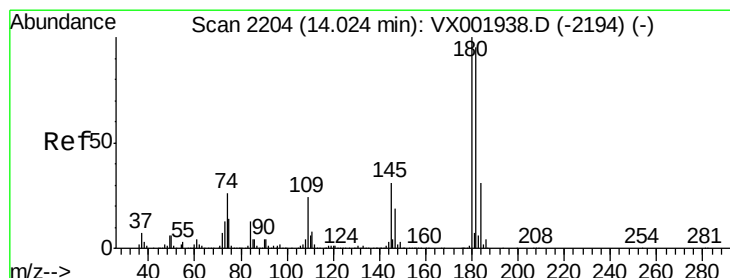
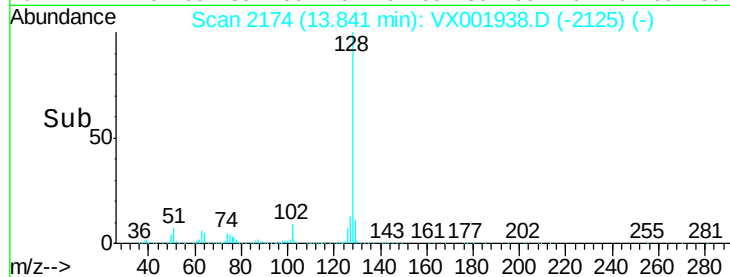
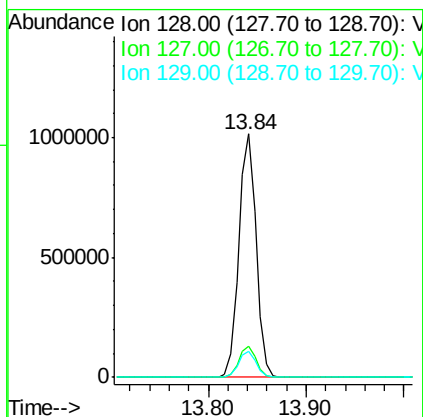
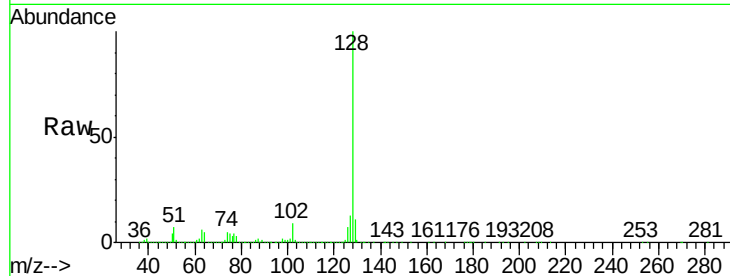




#95
Naphthalene
Concen: 50.00 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX001938.D
Acq: 24 May 2018 11:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 1235139
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 50.00 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX001938.D
Acq: 24 May 2018 11:46

Tgt Ion:180 Resp: 413568
Ion Ratio Lower Upper
180 100
182 95.7 47.9 143.6
145 30.2 15.1 45.3

